

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

LAB CHRONICLE

OrderID:	P5001	OrderDate:	11/25/2024 3:29:57 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5001-01	SPLP-C1-1	Water			11/25/24			11/25/24
			SPLP VOA	8260D			11/27/24	
P5001-01RE	SPLP-C1-1RE	Water			11/25/24			11/25/24
			SPLP VOA	8260D			12/02/24	
P5001-02	SPLP-C1-2	Water			11/25/24			11/25/24
			SPLP VOA	8260D			11/27/24	
P5001-02RE	SPLP-C1-2RE	Water			11/25/24			11/25/24
			SPLP VOA	8260D			12/02/24	
P5001-03	SPLP-C1-3	Water			11/25/24			11/25/24
			SPLP VOA	8260D			11/27/24	
P5001-03RE	SPLP-C1-3RE	Water			11/25/24			11/25/24
			SPLP VOA	8260D			12/02/24	
P5001-04	SPLP-C2-1	Water			11/25/24			11/25/24
			SPLP VOA	8260D			11/27/24	
P5001-04RE	SPLP-C2-1RE	Water			11/25/24			11/25/24
			SPLP VOA	8260D			12/02/24	
P5001-05	SPLP-C2-2	Water			11/25/24			11/25/24
			SPLP VOA	8260D			11/27/24	
P5001-05DL	SPLP-C2-2DL	Water			11/25/24			11/25/24
			SPLP VOA	8260D			12/02/24	
P5001-06	SPLP-C2-3	Water			11/25/24			11/25/24
			SPLP VOA	8260D			11/27/24	
P5001-06DL	SPLP-C2-3DL	Water			11/25/24			11/25/24

LAB CHRONICLE

			SPLP VOA	8260D	12/02/24	
P5001-08	SPLP-C3-1	Water			11/25/24	11/25/24
			SPLP VOA	8260D	11/27/24	
P5001-08RE	SPLP-C3-1RE	Water			11/25/24	11/25/24
			SPLP VOA	8260D	12/02/24	
P5001-09	SPLP-C3-2	Water			11/25/24	11/25/24
			SPLP VOA	8260D	11/27/24	
P5001-09DL	SPLP-C3-2DL	Water			11/25/24	11/25/24
			SPLP VOA	8260D	12/02/24	
P5001-10	SPLP-C3-3	Water			11/25/24	11/25/24
			SPLP VOA	8260D	11/27/24	
P5001-10DL	SPLP-C3-3DL	Water			11/25/24	11/25/24
			SPLP VOA	8260D	12/02/24	
P5001-11	SPLP-C4-1	Water			11/25/24	11/25/24
			SPLP VOA	8260D	11/27/24	
P5001-11RE	SPLP-C4-1RE	Water			11/25/24	11/25/24
			SPLP VOA	8260D	12/02/24	

Hit Summary Sheet
SW-846

SDG No.: P5001
Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	SPLP-C1-1							
P5001-01	SPLP-C1-1	WATER	Acetone	8.70	J	1.40	25.0	ug/L
P5001-01	SPLP-C1-1	WATER	Methyl Acetate	2.20	J	0.60	5.00	ug/L
P5001-01	SPLP-C1-1	WATER	Benzene	4.30	J	0.16	5.00	ug/L
P5001-01	SPLP-C1-1	WATER	Toluene	17.9		0.18	5.00	ug/L
P5001-01	SPLP-C1-1	WATER	Ethyl Benzene	61.2		0.16	5.00	ug/L
P5001-01	SPLP-C1-1	WATER	m/p-Xylenes	30.0		0.31	10.0	ug/L
P5001-01	SPLP-C1-1	WATER	o-Xylene	20.7		0.14	5.00	ug/L
P5001-01	SPLP-C1-1	WATER	Isopropylbenzene	3.40	J	0.13	5.00	ug/L
Total Voc :				148				
Total Concentration:				148				
Client ID:	SPLP-C1-1RE							
P5001-01RE	SPLP-C1-1RE	WATER	Acetone	8.80	J	1.40	25.0	ug/L
P5001-01RE	SPLP-C1-1RE	WATER	Methyl Acetate	2.00	J	0.60	5.00	ug/L
P5001-01RE	SPLP-C1-1RE	WATER	Benzene	4.20	J	0.16	5.00	ug/L
P5001-01RE	SPLP-C1-1RE	WATER	Toluene	17.0		0.18	5.00	ug/L
P5001-01RE	SPLP-C1-1RE	WATER	Ethyl Benzene	61.5		0.16	5.00	ug/L
P5001-01RE	SPLP-C1-1RE	WATER	m/p-Xylenes	30.4		0.31	10.0	ug/L
P5001-01RE	SPLP-C1-1RE	WATER	o-Xylene	21.4		0.14	5.00	ug/L
P5001-01RE	SPLP-C1-1RE	WATER	Isopropylbenzene	3.30	J	0.13	5.00	ug/L
Total Voc :				149				
Total Concentration:				149				
Client ID:	SPLP-C1-2							
P5001-02	SPLP-C1-2	WATER	Acetone	9.80	J	1.40	25.0	ug/L
P5001-02	SPLP-C1-2	WATER	cis-1,2-Dichloroethene	2.60	J	0.25	5.00	ug/L
P5001-02	SPLP-C1-2	WATER	Benzene	23.6		0.16	5.00	ug/L
P5001-02	SPLP-C1-2	WATER	Toluene	56.6		0.18	5.00	ug/L
P5001-02	SPLP-C1-2	WATER	Ethyl Benzene	140		0.16	5.00	ug/L
P5001-02	SPLP-C1-2	WATER	m/p-Xylenes	66.3		0.31	10.0	ug/L
P5001-02	SPLP-C1-2	WATER	o-Xylene	46.3		0.14	5.00	ug/L
P5001-02	SPLP-C1-2	WATER	Isopropylbenzene	6.10		0.13	5.00	ug/L
Total Voc :				351				
Total Concentration:				351				
Client ID:	SPLP-C1-2RE							
P5001-02RE	SPLP-C1-2RE	WATER	Acetone	10.2	J	1.40	25.0	ug/L
P5001-02RE	SPLP-C1-2RE	WATER	cis-1,2-Dichloroethene	2.80	J	0.25	5.00	ug/L
P5001-02RE	SPLP-C1-2RE	WATER	Benzene	24.3		0.16	5.00	ug/L
P5001-02RE	SPLP-C1-2RE	WATER	Toluene	57.6		0.18	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: P5001

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5001-02RE	SPLP-C1-2RE	WATER	Ethyl Benzene	130		0.16	5.00	ug/L
P5001-02RE	SPLP-C1-2RE	WATER	m/p-Xylenes	64.5		0.31	10.0	ug/L
P5001-02RE	SPLP-C1-2RE	WATER	o-Xylene	45.4		0.14	5.00	ug/L
P5001-02RE	SPLP-C1-2RE	WATER	Isopropylbenzene	6.30		0.13	5.00	ug/L
Total Voc :				341				
Total Concentration:				341				
Client ID:	SPLP-C1-3							
P5001-03	SPLP-C1-3	WATER	Acetone	10.3	J	1.40	25.0	ug/L
P5001-03	SPLP-C1-3	WATER	cis-1,2-Dichloroethene	1.10	J	0.25	5.00	ug/L
P5001-03	SPLP-C1-3	WATER	Benzene	10.3		0.16	5.00	ug/L
P5001-03	SPLP-C1-3	WATER	Toluene	41.7		0.18	5.00	ug/L
P5001-03	SPLP-C1-3	WATER	Ethyl Benzene	130		0.16	5.00	ug/L
P5001-03	SPLP-C1-3	WATER	m/p-Xylenes	62.6		0.31	10.0	ug/L
P5001-03	SPLP-C1-3	WATER	o-Xylene	43.6		0.14	5.00	ug/L
P5001-03	SPLP-C1-3	WATER	Isopropylbenzene	6.20		0.13	5.00	ug/L
Total Voc :				306				
Total Concentration:				306				
Client ID:	SPLP-C1-3RE							
P5001-03RE	SPLP-C1-3RE	WATER	Acetone	10.6	J	1.40	25.0	ug/L
P5001-03RE	SPLP-C1-3RE	WATER	cis-1,2-Dichloroethene	1.10	J	0.25	5.00	ug/L
P5001-03RE	SPLP-C1-3RE	WATER	Benzene	9.80		0.16	5.00	ug/L
P5001-03RE	SPLP-C1-3RE	WATER	Toluene	39.5		0.18	5.00	ug/L
P5001-03RE	SPLP-C1-3RE	WATER	Ethyl Benzene	120		0.16	5.00	ug/L
P5001-03RE	SPLP-C1-3RE	WATER	m/p-Xylenes	59.0		0.31	10.0	ug/L
P5001-03RE	SPLP-C1-3RE	WATER	o-Xylene	41.0		0.14	5.00	ug/L
P5001-03RE	SPLP-C1-3RE	WATER	Isopropylbenzene	5.70		0.13	5.00	ug/L
Total Voc :				287				
Total Concentration:				287				
Client ID:	SPLP-C2-1							
P5001-04	SPLP-C2-1	WATER	Acetone	28.6		1.40	25.0	ug/L
P5001-04	SPLP-C2-1	WATER	cis-1,2-Dichloroethene	54.4		0.25	5.00	ug/L
P5001-04	SPLP-C2-1	WATER	Benzene	8.10		0.16	5.00	ug/L
P5001-04	SPLP-C2-1	WATER	Trichloroethene	21.2		0.32	5.00	ug/L
P5001-04	SPLP-C2-1	WATER	Toluene	16.9		0.18	5.00	ug/L
P5001-04	SPLP-C2-1	WATER	Ethyl Benzene	44.7		0.16	5.00	ug/L
P5001-04	SPLP-C2-1	WATER	m/p-Xylenes	20.1		0.31	10.0	ug/L
P5001-04	SPLP-C2-1	WATER	o-Xylene	20.7		0.14	5.00	ug/L
P5001-04	SPLP-C2-1	WATER	Isopropylbenzene	3.00	J	0.13	5.00	ug/L

SDG No.:	P5001
Client:	ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Voc :	218				
			Total Concentration:	218				
Client ID:	SPLP-C2-1RE							
P5001-04RE	SPLP-C2-1RE	WATER	Acetone	28.0		1.40	25.0	ug/L
P5001-04RE	SPLP-C2-1RE	WATER	cis-1,2-Dichloroethene	52.9		0.25	5.00	ug/L
P5001-04RE	SPLP-C2-1RE	WATER	Benzene	7.50		0.16	5.00	ug/L
P5001-04RE	SPLP-C2-1RE	WATER	Trichloroethene	19.4		0.32	5.00	ug/L
P5001-04RE	SPLP-C2-1RE	WATER	Toluene	15.6		0.18	5.00	ug/L
P5001-04RE	SPLP-C2-1RE	WATER	Ethyl Benzene	43.2		0.16	5.00	ug/L
P5001-04RE	SPLP-C2-1RE	WATER	m/p-Xylenes	19.1		0.31	10.0	ug/L
P5001-04RE	SPLP-C2-1RE	WATER	o-Xylene	20.3		0.14	5.00	ug/L
P5001-04RE	SPLP-C2-1RE	WATER	Isopropylbenzene	2.90	J	0.13	5.00	ug/L
			Total Voc :	209				
			Total Concentration:	209				
Client ID:	SPLP-C2-2							
P5001-05	SPLP-C2-2	WATER	Vinyl Chloride	1.00	J	0.34	5.00	ug/L
P5001-05	SPLP-C2-2	WATER	Acetone	22.7	J	1.40	25.0	ug/L
P5001-05	SPLP-C2-2	WATER	cis-1,2-Dichloroethene	100		0.25	5.00	ug/L
P5001-05	SPLP-C2-2	WATER	Benzene	45.4		0.16	5.00	ug/L
P5001-05	SPLP-C2-2	WATER	Trichloroethene	12.2		0.32	5.00	ug/L
P5001-05	SPLP-C2-2	WATER	Toluene	89.0		0.18	5.00	ug/L
P5001-05	SPLP-C2-2	WATER	Ethyl Benzene	250	E	0.16	5.00	ug/L
P5001-05	SPLP-C2-2	WATER	m/p-Xylenes	110		0.31	10.0	ug/L
P5001-05	SPLP-C2-2	WATER	o-Xylene	84.2		0.14	5.00	ug/L
P5001-05	SPLP-C2-2	WATER	Isopropylbenzene	9.10		0.13	5.00	ug/L
			Total Voc :	724				
			Total Concentration:	724				
Client ID:	SPLP-C2-2DL							
P5001-05DL	SPLP-C2-2DL	WATER	cis-1,2-Dichloroethene	96.8	D	2.50	50.0	ug/L
P5001-05DL	SPLP-C2-2DL	WATER	Benzene	41.7	JD	1.60	50.0	ug/L
P5001-05DL	SPLP-C2-2DL	WATER	Trichloroethene	11.6	JD	3.20	50.0	ug/L
P5001-05DL	SPLP-C2-2DL	WATER	Toluene	78.8	D	1.80	50.0	ug/L
P5001-05DL	SPLP-C2-2DL	WATER	Ethyl Benzene	210	D	1.60	50.0	ug/L
P5001-05DL	SPLP-C2-2DL	WATER	m/p-Xylenes	90.8	JD	3.10	100	ug/L
P5001-05DL	SPLP-C2-2DL	WATER	o-Xylene	74.2	D	1.40	50.0	ug/L
			Total Voc :	604				
			Total Concentration:	604				
Client ID:	SPLP-C2-3							

Hit Summary Sheet
SW-846

SDG No.: P5001
Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5001-06	SPLP-C2-3	WATER	Vinyl Chloride	6.00		0.34	5.00	ug/L
P5001-06	SPLP-C2-3	WATER	Acetone	18.5	J	1.40	25.0	ug/L
P5001-06	SPLP-C2-3	WATER	cis-1,2-Dichloroethene	160	E	0.25	5.00	ug/L
P5001-06	SPLP-C2-3	WATER	Benzene	100		0.16	5.00	ug/L
P5001-06	SPLP-C2-3	WATER	Trichloroethene	16.9		0.32	5.00	ug/L
P5001-06	SPLP-C2-3	WATER	Toluene	140		0.18	5.00	ug/L
P5001-06	SPLP-C2-3	WATER	Ethyl Benzene	430	E	0.16	5.00	ug/L
P5001-06	SPLP-C2-3	WATER	m/p-Xylenes	170		0.31	10.0	ug/L
P5001-06	SPLP-C2-3	WATER	o-Xylene	130		0.14	5.00	ug/L
P5001-06	SPLP-C2-3	WATER	Isopropylbenzene	17.5		0.13	5.00	ug/L
Total Voc :				1190				
Total Concentration:				1190				
Client ID:	SPLP-C2-3DL							
P5001-06DL	SPLP-C2-3DL	WATER	cis-1,2-Dichloroethene	150	D	2.50	50.0	ug/L
P5001-06DL	SPLP-C2-3DL	WATER	Benzene	100	D	1.60	50.0	ug/L
P5001-06DL	SPLP-C2-3DL	WATER	Trichloroethene	17.1	JD	3.20	50.0	ug/L
P5001-06DL	SPLP-C2-3DL	WATER	Toluene	140	D	1.80	50.0	ug/L
P5001-06DL	SPLP-C2-3DL	WATER	Ethyl Benzene	410	D	1.60	50.0	ug/L
P5001-06DL	SPLP-C2-3DL	WATER	m/p-Xylenes	150	D	3.10	100	ug/L
P5001-06DL	SPLP-C2-3DL	WATER	o-Xylene	130	D	1.40	50.0	ug/L
P5001-06DL	SPLP-C2-3DL	WATER	Isopropylbenzene	16.3	JD	1.30	50.0	ug/L
Total Voc :				1110				
Total Concentration:				1110				
Client ID:	SPLP-C3-1							
P5001-08	SPLP-C3-1	WATER	Acetone	17.4	J	1.40	25.0	ug/L
P5001-08	SPLP-C3-1	WATER	cis-1,2-Dichloroethene	7.50		0.25	5.00	ug/L
P5001-08	SPLP-C3-1	WATER	Benzene	2.70	J	0.16	5.00	ug/L
P5001-08	SPLP-C3-1	WATER	Trichloroethene	2.10	J	0.32	5.00	ug/L
P5001-08	SPLP-C3-1	WATER	Toluene	8.70		0.18	5.00	ug/L
P5001-08	SPLP-C3-1	WATER	Ethyl Benzene	33.8		0.16	5.00	ug/L
P5001-08	SPLP-C3-1	WATER	m/p-Xylenes	15.6		0.31	10.0	ug/L
P5001-08	SPLP-C3-1	WATER	o-Xylene	13.5		0.14	5.00	ug/L
P5001-08	SPLP-C3-1	WATER	Isopropylbenzene	2.20	J	0.13	5.00	ug/L
Total Voc :				104				
Total Concentration:				104				
Client ID:	SPLP-C3-1RE							
P5001-08RE	SPLP-C3-1RE	WATER	Acetone	19.0	J	1.40	25.0	ug/L
P5001-08RE	SPLP-C3-1RE	WATER	cis-1,2-Dichloroethene	7.20		0.25	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: P5001

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5001-08RE	SPLP-C3-1RE	WATER	Benzene	2.70	J	0.16	5.00	ug/L
P5001-08RE	SPLP-C3-1RE	WATER	Trichloroethene	2.00	J	0.32	5.00	ug/L
P5001-08RE	SPLP-C3-1RE	WATER	Toluene	8.50		0.18	5.00	ug/L
P5001-08RE	SPLP-C3-1RE	WATER	Ethyl Benzene	33.1		0.16	5.00	ug/L
P5001-08RE	SPLP-C3-1RE	WATER	m/p-Xylenes	15.1		0.31	10.0	ug/L
P5001-08RE	SPLP-C3-1RE	WATER	o-Xylene	13.3		0.14	5.00	ug/L
P5001-08RE	SPLP-C3-1RE	WATER	Isopropylbenzene	2.20	J	0.13	5.00	ug/L
Total Voc :				103				
Total Concentration:				103				
Client ID:	SPLP-C3-2							
P5001-09	SPLP-C3-2	WATER	Acetone	46.4		1.40	25.0	ug/L
P5001-09	SPLP-C3-2	WATER	2-Butanone	7.40	J	1.30	25.0	ug/L
P5001-09	SPLP-C3-2	WATER	cis-1,2-Dichloroethene	69.3		0.25	5.00	ug/L
P5001-09	SPLP-C3-2	WATER	Benzene	92.6		0.16	5.00	ug/L
P5001-09	SPLP-C3-2	WATER	Trichloroethene	1.80	J	0.32	5.00	ug/L
P5001-09	SPLP-C3-2	WATER	Toluene	270	E	0.18	5.00	ug/L
P5001-09	SPLP-C3-2	WATER	Ethyl Benzene	460	E	0.16	5.00	ug/L
P5001-09	SPLP-C3-2	WATER	m/p-Xylenes	220		0.31	10.0	ug/L
P5001-09	SPLP-C3-2	WATER	o-Xylene	150	E	0.14	5.00	ug/L
P5001-09	SPLP-C3-2	WATER	Isopropylbenzene	17.8		0.13	5.00	ug/L
Total Voc :				1340				
Total Concentration:				1340				
Client ID:	SPLP-C3-2DL							
P5001-09DL	SPLP-C3-2DL	WATER	cis-1,2-Dichloroethene	58.3	D	2.50	50.0	ug/L
P5001-09DL	SPLP-C3-2DL	WATER	Benzene	82.4	D	1.60	50.0	ug/L
P5001-09DL	SPLP-C3-2DL	WATER	Toluene	230	D	1.80	50.0	ug/L
P5001-09DL	SPLP-C3-2DL	WATER	Ethyl Benzene	380	D	1.60	50.0	ug/L
P5001-09DL	SPLP-C3-2DL	WATER	m/p-Xylenes	180	D	3.10	100	ug/L
P5001-09DL	SPLP-C3-2DL	WATER	o-Xylene	130	D	1.40	50.0	ug/L
P5001-09DL	SPLP-C3-2DL	WATER	Isopropylbenzene	14.7	JD	1.30	50.0	ug/L
Total Voc :				1080				
Total Concentration:				1080				
Client ID:	SPLP-C3-3							
P5001-10	SPLP-C3-3	WATER	Acetone	12.1	J	1.40	25.0	ug/L
P5001-10	SPLP-C3-3	WATER	cis-1,2-Dichloroethene	8.00		0.25	5.00	ug/L
P5001-10	SPLP-C3-3	WATER	Benzene	52.0		0.16	5.00	ug/L
P5001-10	SPLP-C3-3	WATER	Toluene	74.3		0.18	5.00	ug/L
P5001-10	SPLP-C3-3	WATER	Ethyl Benzene	320	E	0.16	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: P5001

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5001-10	SPLP-C3-3	WATER	m/p-Xylenes	120		0.31	10.0	ug/L
P5001-10	SPLP-C3-3	WATER	o-Xylene	100		0.14	5.00	ug/L
P5001-10	SPLP-C3-3	WATER	Isopropylbenzene	14.1		0.13	5.00	ug/L
Total Voc :				701				
Total Concentration:				701				
Client ID:	SPLP-C3-3DL							
P5001-10DL	SPLP-C3-3DL	WATER	Benzene	44.4	JD	1.60	50.0	ug/L
P5001-10DL	SPLP-C3-3DL	WATER	Toluene	60.1	D	1.80	50.0	ug/L
P5001-10DL	SPLP-C3-3DL	WATER	Ethyl Benzene	250	D	1.60	50.0	ug/L
P5001-10DL	SPLP-C3-3DL	WATER	m/p-Xylenes	97.6	JD	3.10	100	ug/L
P5001-10DL	SPLP-C3-3DL	WATER	o-Xylene	81.9	D	1.40	50.0	ug/L
P5001-10DL	SPLP-C3-3DL	WATER	Isopropylbenzene	10.3	JD	1.30	50.0	ug/L
Total Voc :				544				
Total Concentration:				544				
Client ID:	SPLP-C4-1							
P5001-11	SPLP-C4-1	WATER	Acetone	17.8	J	1.40	25.0	ug/L
P5001-11	SPLP-C4-1	WATER	cis-1,2-Dichloroethene	4.50	J	0.25	5.00	ug/L
P5001-11	SPLP-C4-1	WATER	Ethyl Benzene	3.30	J	0.16	5.00	ug/L
P5001-11	SPLP-C4-1	WATER	o-Xylene	1.20	J	0.14	5.00	ug/L
Total Voc :				26.8				
Total Concentration:				26.8				
Client ID:	SPLP-C4-1RE							
P5001-11RE	SPLP-C4-1RE	WATER	Acetone	16.9	J	1.40	25.0	ug/L
P5001-11RE	SPLP-C4-1RE	WATER	cis-1,2-Dichloroethene	4.30	J	0.25	5.00	ug/L
P5001-11RE	SPLP-C4-1RE	WATER	Ethyl Benzene	2.30	J	0.16	5.00	ug/L
Total Voc :				23.5				
Total Concentration:				23.5				



QC SUMMARY

Surrogate Summary

SDG No.: **P5001**

Client: **ENTACT**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P5001-01	SPLP-C1-1	1,2-Dichloroethane-d4	50	51.6	103	70 (74)	130 (125)
		Dibromofluoromethane	50	34.8	70	70 (75)	130 (124)
		Toluene-d8	50	51.6	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.7	103	70 (77)	130 (121)
P5001-01RE	SPLP-C1-1RE	1,2-Dichloroethane-d4	50	51.7	103	70 (74)	130 (125)
		Dibromofluoromethane	50	33.1	66 *	70 (75)	130 (124)
		Toluene-d8	50	48.9	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.8	106	70 (77)	130 (121)
P5001-02	SPLP-C1-2	1,2-Dichloroethane-d4	50	50.2	100	70 (74)	130 (125)
		Dibromofluoromethane	50	33.8	68 *	70 (75)	130 (124)
		Toluene-d8	50	49.4	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.4	101	70 (77)	130 (121)
P5001-02RE	SPLP-C1-2RE	1,2-Dichloroethane-d4	50	52.0	104	70 (74)	130 (125)
		Dibromofluoromethane	50	33.7	67 *	70 (75)	130 (124)
		Toluene-d8	50	50.4	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.6	103	70 (77)	130 (121)
P5001-03	SPLP-C1-3	1,2-Dichloroethane-d4	50	49.4	99	70 (74)	130 (125)
		Dibromofluoromethane	50	31.5	63 *	70 (75)	130 (124)
		Toluene-d8	50	50.2	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.0	104	70 (77)	130 (121)
P5001-03RE	SPLP-C1-3RE	1,2-Dichloroethane-d4	50	50.9	102	70 (74)	130 (125)
		Dibromofluoromethane	50	31.7	63 *	70 (75)	130 (124)
		Toluene-d8	50	50.1	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.8	106	70 (77)	130 (121)
P5001-04	SPLP-C2-1	1,2-Dichloroethane-d4	50	48.7	97	70 (74)	130 (125)
		Dibromofluoromethane	50	26.5	53 *	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.4	107	70 (77)	130 (121)
P5001-04RE	SPLP-C2-1RE	1,2-Dichloroethane-d4	50	50.7	101	70 (74)	130 (125)
		Dibromofluoromethane	50	28.9	58 *	70 (75)	130 (124)
		Toluene-d8	50	50.4	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.5	105	70 (77)	130 (121)
P5001-05	SPLP-C2-2	1,2-Dichloroethane-d4	50	49.7	99	70 (74)	130 (125)
		Dibromofluoromethane	50	29.9	60 *	70 (75)	130 (124)
		Toluene-d8	50	49.0	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.3	101	70 (77)	130 (121)
P5001-05DL	SPLP-C2-2DL	1,2-Dichloroethane-d4	50	51.9	104	70 (74)	130 (125)
		Dibromofluoromethane	50	45.7	91	70 (75)	130 (124)
		Toluene-d8	50	49.3	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.1	102	70 (77)	130 (121)
P5001-06	SPLP-C2-3	1,2-Dichloroethane-d4	50	49.8	100	70 (74)	130 (125)
		Dibromofluoromethane	50	30.8	62 *	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.0	104	70 (77)	130 (121)
P5001-06DL	SPLP-C2-3DL	1,2-Dichloroethane-d4	50	51.2	102	70 (74)	130 (125)
		Dibromofluoromethane	50	45.6	91	70 (75)	130 (124)
		Toluene-d8	50	50.4	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.8	106	70 (77)	130 (121)
P5001-08	SPLP-C3-1	1,2-Dichloroethane-d4	50	49.6	99	70 (74)	130 (125)
		Dibromofluoromethane	50	29.9	60 *	70 (75)	130 (124)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: **P5001**

Client: **ENTACT**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P5001-08	SPLP-C3-1	Toluene-d8	50	49.4	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.7	105	70 (77)	130 (121)
P5001-08RE	SPLP-C3-1RE	1,2-Dichloroethane-d4	50	51.1	102	70 (74)	130 (125)
		Dibromofluoromethane	50	30.4	61 *	70 (75)	130 (124)
		Toluene-d8	50	50.1	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.7	105	70 (77)	130 (121)
P5001-09	SPLP-C3-2	1,2-Dichloroethane-d4	50	50.2	100	70 (74)	130 (125)
		Dibromofluoromethane	50	29.7	59 *	70 (75)	130 (124)
		Toluene-d8	50	49.8	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.8	104	70 (77)	130 (121)
P5001-09DL	SPLP-C3-2DL	1,2-Dichloroethane-d4	50	51.1	102	70 (74)	130 (125)
		Dibromofluoromethane	50	47.5	95	70 (75)	130 (124)
		Toluene-d8	50	51.2	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.4	105	70 (77)	130 (121)
P5001-10	SPLP-C3-3	1,2-Dichloroethane-d4	50	51.4	103	70 (74)	130 (125)
		Dibromofluoromethane	50	30.1	60 *	70 (75)	130 (124)
		Toluene-d8	50	50.3	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.8	104	70 (77)	130 (121)
P5001-10DL	SPLP-C3-3DL	1,2-Dichloroethane-d4	50	51.2	102	70 (74)	130 (125)
		Dibromofluoromethane	50	45.2	90	70 (75)	130 (124)
		Toluene-d8	50	49.9	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.9	102	70 (77)	130 (121)
P5001-11	SPLP-C4-1	1,2-Dichloroethane-d4	50	52.1	104	70 (74)	130 (125)
		Dibromofluoromethane	50	33.2	66 *	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.3	107	70 (77)	130 (121)
P5001-11RE	SPLP-C4-1RE	1,2-Dichloroethane-d4	50	52.3	105	70 (74)	130 (125)
		Dibromofluoromethane	50	34.5	69 *	70 (75)	130 (124)
		Toluene-d8	50	49.4	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.1	102	70 (77)	130 (121)

Surrogate Summary

SDG No.: P5001

Client: ENTACT

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
VX1127WBL01	VX1127WBL01	1,2-Dichloroethane-d4	50	50.8	102	70 (74)	130 (125)
		Dibromofluoromethane	50	46.6	93	70 (75)	130 (124)
		Toluene-d8	50	48.9	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.2	94	70 (77)	130 (121)
VX1127WBS01	VX1127WBS01	1,2-Dichloroethane-d4	50	54.7	109	70 (74)	130 (125)
		Dibromofluoromethane	50	53.5	107	70 (75)	130 (124)
		Toluene-d8	50	53.1	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.6	107	70 (77)	130 (121)
VX1127WBSD0	VX1127WBSD01	1,2-Dichloroethane-d4	50	51.5	103	70 (74)	130 (125)
		Dibromofluoromethane	50	46.2	92	70 (75)	130 (124)
		Toluene-d8	50	47.1	94	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.5	97	70 (77)	130 (121)
VX1202WBL01	VX1202WBL01	1,2-Dichloroethane-d4	50	49.6	99	70 (74)	130 (125)
		Dibromofluoromethane	50	47.3	95	70 (75)	130 (124)
		Toluene-d8	50	48.6	97	70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.5	93	70 (77)	130 (121)
VX1202WBS01	VX1202WBS01	1,2-Dichloroethane-d4	50	54.9	110	70 (74)	130 (125)
		Dibromofluoromethane	50	53.7	107	70 (75)	130 (124)
		Toluene-d8	50	50.8	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.8	105	70 (77)	130 (121)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5001

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VX044028.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1127WBS01	Dichlorodifluoromethane	20	20.3	ug/L	102			40 (69)	160 (116)	
	Chloromethane	20	18.9	ug/L	95			40 (65)	160 (116)	
	Vinyl chloride	20	19.2	ug/L	96			70 (65)	130 (117)	
	Bromomethane	20	22.2	ug/L	111			40 (58)	160 (125)	
	Chloroethane	20	23.0	ug/L	115			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.7	ug/L	99			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	20.6	ug/L	103			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.6	ug/L	98			70 (74)	130 (110)	
	Acetone	100	100	ug/L	100			40 (60)	160 (125)	
	Carbon disulfide	20	15.6	ug/L	78			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	21.6	ug/L	108			70 (78)	130 (114)	
	Methyl Acetate	20	21.1	ug/L	106			70 (67)	130 (125)	
	Methylene Chloride	20	20.3	ug/L	102			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.5	ug/L	98			70 (75)	130 (108)	
	1,1-Dichloroethane	20	21.3	ug/L	106			70 (78)	130 (112)	
	Cyclohexane	20	20.0	ug/L	100			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.5	ug/L	98			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.3	ug/L	102			70 (77)	130 (110)	
	Bromochloromethane	20	23.6	ug/L	118			70 (70)	130 (124)	
	Chloroform	20	21.4	ug/L	107			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	21.4	ug/L	107			70 (80)	130 (108)	
	Methylcyclohexane	20	19.7	ug/L	99			70 (72)	130 (115)	
	Benzene	20	20.9	ug/L	104			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.1	ug/L	106			70 (80)	130 (115)	
	Trichloroethene	20	18.1	ug/L	91			70 (77)	130 (113)	
	1,2-Dichloropropane	20	21.1	ug/L	106			70 (83)	130 (111)	
	Bromodichloromethane	20	21.2	ug/L	106			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	21.2	ug/L	106			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.3	ug/L	102			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.4	ug/L	102			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	22.0	ug/L	110			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	20.0	ug/L	100			70 (82)	130 (110)	
	1,2-Dibromoethane	20	21.4	ug/L	107			70 (81)	130 (110)	
	Tetrachloroethene	20	21.3	ug/L	106			70 (67)	130 (123)	
	Chlorobenzene	20	21.0	ug/L	105			70 (82)	130 (109)	
	Ethyl Benzene	20	21.1	ug/L	106			70 (83)	130 (109)	
	m/p-Xylenes	40	42.2	ug/L	106			70 (82)	130 (110)	
	o-Xylene	20	21.0	ug/L	105			70 (83)	130 (109)	
	Styrene	20	21.2	ug/L	106			70 (80)	130 (111)	
	Bromoform	20	18.2	ug/L	91			70 (79)	130 (109)	
	Isopropylbenzene	20	21.5	ug/L	108			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	22.1	ug/L	111			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.9	ug/L	104			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	20.5	ug/L	103			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	21.3	ug/L	106			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5001

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VX044028.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1127WBS01	1,2-Dibromo-3-Chloropropane	20	19.4	ug/L	97			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.6	ug/L	98			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	20.4	ug/L	102			70 (76)	130 (114)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **P5001**

Client: **ENTACT**

Analytical Method: **SW8260-Low**

Datafile : VX044041.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1127WBSD01	Dichlorodifluoromethane	20	16.1	ug/L	81	23	*	40 (69)	160 (116)	20 (20)
	Chloromethane	20	15.3	ug/L	77	21	*	40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	16.2	ug/L	81	17		70 (65)	130 (117)	20 (20)
	Bromomethane	20	18.6	ug/L	93	18		40 (58)	160 (125)	20 (20)
	Chloroethane	20	19.4	ug/L	97	17		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	16.7	ug/L	84	16		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	17.6	ug/L	88	16		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	17.1	ug/L	86	13		70 (74)	130 (110)	20 (20)
	Acetone	100	72.1	ug/L	72	33	*	40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	13.1	ug/L	66	17		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.8	ug/L	99	9		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	19.9	ug/L	100	6		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	17.8	ug/L	89	14		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	17.5	ug/L	88	11		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	18.6	ug/L	93	13		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	17.3	ug/L	86	15		70 (75)	130 (110)	20 (20)
	2-Butanone	100	87.3	ug/L	87	23	*	40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	16.4	ug/L	82	18		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	18.4	ug/L	92	10		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	17.4	ug/L	87	30	*	70 (70)	130 (124)	20 (20)
	Chloroform	20	18.9	ug/L	95	12		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.0	ug/L	95	12		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	15.8	ug/L	79	22	*	70 (72)	130 (115)	20 (20)
	Benzene	20	17.4	ug/L	87	18		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	18.7	ug/L	94	12		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	14.9	ug/L	75	19		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	18.2	ug/L	91	15		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	17.5	ug/L	88	19		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	91.3	ug/L	91	19		40 (74)	160 (118)	20 (20)
	Toluene	20	18.4	ug/L	92	14		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	17.2	ug/L	86	17		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	17.2	ug/L	86	17		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	17.7	ug/L	89	21	*	70 (83)	130 (112)	20 (20)
	2-Hexanone	100	88.6	ug/L	89	21	*	40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	15.9	ug/L	79	23	*	70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	17.9	ug/L	90	17		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.8	ug/L	94	12		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	17.4	ug/L	87	19		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	18.5	ug/L	93	13		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	36.1	ug/L	90	16		70 (82)	130 (110)	20 (20)
	o-Xylene	20	18.8	ug/L	94	11		70 (83)	130 (109)	20 (20)
	Styrene	20	18.0	ug/L	90	16		70 (80)	130 (111)	20 (20)
	Bromoform	20	14.7	ug/L	74	21	*	70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	18.8	ug/L	94	14		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91	20		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	17.8	ug/L	89	16		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	17.7	ug/L	89	15		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	18.3	ug/L	92	14		70 (82)	130 (109)	20 (20)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5001
Client: ENTACT
Analytical Method: SW8260-Low **Datafile :** VX044041.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1127WBSD01	1,2-Dibromo-3-Chloropropane	20	16.9	ug/L	85	13		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	16.8	ug/L	84	15		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	16.9	ug/L	85	18		70 (76)	130 (114)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5001

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VX044055.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1202WBS01	Dichlorodifluoromethane	20	17.6	ug/L	88			40 (69)	160 (116)	
	Chloromethane	20	16.9	ug/L	85			40 (65)	160 (116)	
	Vinyl chloride	20	17.1	ug/L	86			70 (65)	130 (117)	
	Bromomethane	20	19.8	ug/L	99			40 (58)	160 (125)	
	Chloroethane	20	17.2	ug/L	86			40 (56)	160 (128)	
	Trichlorofluoromethane	20	17.6	ug/L	88			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.6	ug/L	93			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.1	ug/L	91			70 (74)	130 (110)	
	Acetone	100	89.5	ug/L	90			40 (60)	160 (125)	
	Carbon disulfide	20	15.9	ug/L	79			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	20.3	ug/L	102			70 (78)	130 (114)	
	Methyl Acetate	20	18.8	ug/L	94			70 (67)	130 (125)	
	Methylene Chloride	20	18.4	ug/L	92			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.6	ug/L	93			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.9	ug/L	100			70 (78)	130 (112)	
	Cyclohexane	20	17.9	ug/L	90			70 (75)	130 (110)	
	2-Butanone	100	90.4	ug/L	90			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.5	ug/L	98			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.3	ug/L	97			70 (77)	130 (110)	
	Bromochloromethane	20	18.3	ug/L	92			70 (70)	130 (124)	
	Chloroform	20	20.3	ug/L	102			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.7	ug/L	104			70 (80)	130 (108)	
	Methylcyclohexane	20	17.8	ug/L	89			70 (72)	130 (115)	
	Benzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.5	ug/L	103			70 (80)	130 (115)	
	Trichloroethene	20	17.0	ug/L	85			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.5	ug/L	103			70 (83)	130 (111)	
	Bromodichloromethane	20	20.3	ug/L	102			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	92.8	ug/L	93			40 (74)	160 (118)	
	Toluene	20	19.4	ug/L	97			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.0	ug/L	95			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.2	ug/L	96			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.5	ug/L	98			70 (83)	130 (112)	
	2-Hexanone	100	93.8	ug/L	94			40 (73)	160 (117)	
	Dibromochloromethane	20	19.2	ug/L	96			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.7	ug/L	99			70 (81)	130 (110)	
	Tetrachloroethene	20	19.8	ug/L	99			70 (67)	130 (123)	
	Chlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	
	Ethyl Benzene	20	20.7	ug/L	104			70 (83)	130 (109)	
	m/p-Xylenes	40	41.5	ug/L	104			70 (82)	130 (110)	
	o-Xylene	20	21.3	ug/L	106			70 (83)	130 (109)	
	Styrene	20	20.9	ug/L	104			70 (80)	130 (111)	
	Bromoform	20	19.0	ug/L	95			70 (79)	130 (109)	
	Isopropylbenzene	20	20.6	ug/L	103			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.2	ug/L	101			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.2	ug/L	101			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	20.2	ug/L	101			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	20.6	ug/L	103			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5001

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VX044055.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1202WBS01	1,2-Dibromo-3-Chloropropane	20	18.6	ug/L	93			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.5	ug/L	98			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.6	ug/L	98			70 (76)	130 (114)	

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX1127WBL01

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P5001

SAS No.: P5001 SDG NO.: P5001

Lab File ID: VX044026.D

Lab Sample ID: VX1127WBL01

Date Analyzed: 11/27/2024

Time Analyzed: 09:38

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1127WBS01	VX1127WBS01	VX044028.D	11/27/2024
SPLP-C1-1	P5001-01	VX044031.D	11/27/2024
SPLP-C1-2	P5001-02	VX044032.D	11/27/2024
SPLP-C1-3	P5001-03	VX044033.D	11/27/2024
SPLP-C2-1	P5001-04	VX044034.D	11/27/2024
SPLP-C2-2	P5001-05	VX044035.D	11/27/2024
SPLP-C2-3	P5001-06	VX044036.D	11/27/2024
SPLP-C3-1	P5001-08	VX044037.D	11/27/2024
SPLP-C3-2	P5001-09	VX044038.D	11/27/2024
SPLP-C3-3	P5001-10	VX044039.D	11/27/2024
SPLP-C4-1	P5001-11	VX044040.D	11/27/2024
VX1127WBSD01	VX1127WBSD01	VX044041.D	11/27/2024

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX1202WBL01

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P5001

SAS No.: P5001 SDG NO.: P5001

Lab File ID: VX044054.D

Lab Sample ID: VX1202WBL01

Date Analyzed: 12/02/2024

Time Analyzed: 10:37

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1202WBS01	VX1202WBS01	VX044055.D	12/02/2024
SPLP-C2-2DL	P5001-05DL	VX044065.D	12/02/2024
SPLP-C2-3DL	P5001-06DL	VX044066.D	12/02/2024
SPLP-C3-2DL	P5001-09DL	VX044067.D	12/02/2024
SPLP-C3-3DL	P5001-10DL	VX044068.D	12/02/2024
SPLP-C1-1RE	P5001-01RE	VX044069.D	12/02/2024
SPLP-C1-2RE	P5001-02RE	VX044070.D	12/02/2024
SPLP-C1-3RE	P5001-03RE	VX044071.D	12/02/2024
SPLP-C2-1RE	P5001-04RE	VX044072.D	12/02/2024
SPLP-C3-1RE	P5001-08RE	VX044073.D	12/02/2024
SPLP-C4-1RE	P5001-11RE	VX044074.D	12/02/2024

COMMENTS: _____



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05
Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG NO.: P5001
Lab File ID: VX043924.D BFB Injection Date: 11/21/2024
Instrument ID: MSVOA_X BFB Injection Time: 08:51
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.4
75	30.0 - 60.0% of mass 95	54.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	70.5
175	5.0 - 9.0% of mass 174	4.8 (6.8) 1
176	95.0 - 101.0% of mass 174	67.9 (96.4) 1
177	5.0 - 9.0% of mass 176	4.9 (7.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX043925.D	11/21/2024	09:47
VSTDIC005	VSTDIC005	VX043926.D	11/21/2024	10:14
VSTDIC020	VSTDIC020	VX043927.D	11/21/2024	10:37
VSTDIC050	VSTDIC050	VX043928.D	11/21/2024	11:17
VSTDIC100	VSTDIC100	VX043929.D	11/21/2024	11:40
VSTDIC150	VSTDIC150	VX043930.D	11/21/2024	12:03



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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05
Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG NO.: P5001
Lab File ID: VX044023.D BFB Injection Date: 11/27/2024
Instrument ID: MSVOA_X BFB Injection Time: 07:52
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.5
75	30.0 - 60.0% of mass 95	56.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	76.1
175	5.0 - 9.0% of mass 174	5.6 (7.3) 1
176	95.0 - 101.0% of mass 174	73 (96) 1
177	5.0 - 9.0% of mass 176	4.8 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX044024.D	11/27/2024	08:46
VX1127WBL01	VX1127WBL01	VX044026.D	11/27/2024	09:38
VX1127WBS01	VX1127WBS01	VX044028.D	11/27/2024	10:27
SPLP-C1-1	P5001-01	VX044031.D	11/27/2024	11:36
SPLP-C1-2	P5001-02	VX044032.D	11/27/2024	11:59
SPLP-C1-3	P5001-03	VX044033.D	11/27/2024	12:22
SPLP-C2-1	P5001-04	VX044034.D	11/27/2024	12:45
SPLP-C2-2	P5001-05	VX044035.D	11/27/2024	13:08
SPLP-C2-3	P5001-06	VX044036.D	11/27/2024	13:31
SPLP-C3-1	P5001-08	VX044037.D	11/27/2024	13:54
SPLP-C3-2	P5001-09	VX044038.D	11/27/2024	14:16
SPLP-C3-3	P5001-10	VX044039.D	11/27/2024	14:39
SPLP-C4-1	P5001-11	VX044040.D	11/27/2024	15:02
VX1127WBSD01	VX1127WBSD01	VX044041.D	11/27/2024	15:25



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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05
Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG NO.: P5001
Lab File ID: VX044051.D BFB Injection Date: 12/02/2024
Instrument ID: MSVOA_X BFB Injection Time: 08:35
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.2
75	30.0 - 60.0% of mass 95	56.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.5 (0.6) 1
174	50.0 - 100.0% of mass 95	74.9
175	5.0 - 9.0% of mass 174	5.3 (7.1) 1
176	95.0 - 101.0% of mass 174	71.7 (95.7) 1
177	5.0 - 9.0% of mass 176	4.6 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX044052.D	12/02/2024	09:45
VX1202WBL01	VX1202WBL01	VX044054.D	12/02/2024	10:37
VX1202WBS01	VX1202WBS01	VX044055.D	12/02/2024	11:00
SPLP-C2-2DL	P5001-05DL	VX044065.D	12/02/2024	14:52
SPLP-C2-3DL	P5001-06DL	VX044066.D	12/02/2024	15:15
SPLP-C3-2DL	P5001-09DL	VX044067.D	12/02/2024	15:38
SPLP-C3-3DL	P5001-10DL	VX044068.D	12/02/2024	16:01
SPLP-C1-1RE	P5001-01RE	VX044069.D	12/02/2024	16:24
SPLP-C1-2RE	P5001-02RE	VX044070.D	12/02/2024	16:47
SPLP-C1-3RE	P5001-03RE	VX044071.D	12/02/2024	17:10
SPLP-C2-1RE	P5001-04RE	VX044072.D	12/02/2024	17:32
SPLP-C3-1RE	P5001-08RE	VX044073.D	12/02/2024	17:55
SPLP-C4-1RE	P5001-11RE	VX044074.D	12/02/2024	18:18

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG NO.: P5001
Lab File ID: VX044024.D Date Analyzed: 11/27/2024
Instrument ID: MSVOA_X Time Analyzed: 08:46
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	130547	5.54	218884	6.75	184783	10.05
UPPER LIMIT	261094	6.037	437768	7.251	369566	10.549
LOWER LIMIT	65273.5	5.037	109442	6.251	92391.5	9.549
EPA SAMPLE NO.						
SPLP-C1-1	113027	5.54	217889	6.76	202444	10.05
SPLP-C1-2	123309	5.54	238082	6.76	208221	10.06
SPLP-C1-3	121169	5.55	227299	6.76	203619	10.06
SPLP-C2-1	117383	5.54	222808	6.76	199857	10.05
SPLP-C2-2	117251	5.54	227513	6.76	193997	10.06
SPLP-C2-3	117897	5.55	224840	6.76	200377	10.05
SPLP-C3-1	117909	5.54	226519	6.76	201052	10.05
SPLP-C3-2	118131	5.54	228473	6.76	200936	10.05
SPLP-C3-3	114924	5.55	221134	6.76	195996	10.06
SPLP-C4-1	113725	5.54	222916	6.76	203256	10.05
VX1127WBL01	125569	5.54	244455	6.75	212718	10.05
VX1127WBS01	106843	5.54	192894	6.76	162801	10.05
VX1127WBSD01	127369	5.54	240268	6.76	205658	10.05

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG NO.: P5001
 Lab File ID: VX044024.D Date Analyzed: 11/27/2024
 Instrument ID: MSVOA_X Time Analyzed: 08:46
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	86408	12.018				
UPPER LIMIT	172816	12.518				
LOWER LIMIT	43204	11.518				
EPA SAMPLE NO.						
SPLP-C1-1	89439	12.02				
SPLP-C1-2	98083	12.02				
SPLP-C1-3	98952	12.02				
SPLP-C2-1	95817	12.02				
SPLP-C2-2	96320	12.02				
SPLP-C2-3	94742	12.02				
SPLP-C3-1	94799	12.02				
SPLP-C3-2	95305	12.02				
SPLP-C3-3	90506	12.02				
SPLP-C4-1	88732	12.02				
VX1127WBL01	92049	12.02				
VX1127WBS01	74629	12.02				
VX1127WBSD01	92085	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG NO.: P5001
 Lab File ID: VX044052.D Date Analyzed: 12/02/2024
 Instrument ID: MSVOA_X Time Analyzed: 09:45
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	140021	5.54	242098	6.75	204952	10.05
UPPER LIMIT	280042	6.043	484196	7.25	409904	10.549
LOWER LIMIT	70010.5	5.043	121049	6.25	102476	9.549
EPA SAMPLE NO.						
SPLP-C1-1RE	118265	5.55	232463	6.76	203672	10.05
SPLP-C1-2RE	119853	5.54	235670	6.76	212261	10.06
SPLP-C1-3RE	121878	5.54	237284	6.76	212345	10.05
SPLP-C2-1RE	119282	5.54	230844	6.76	204538	10.05
SPLP-C2-2DL	122610	5.54	241771	6.76	210916	10.05
SPLP-C2-3DL	120449	5.55	231562	6.76	204334	10.06
SPLP-C3-1RE	113564	5.55	222024	6.76	199117	10.05
SPLP-C3-2DL	127859	5.54	242833	6.76	215764	10.05
SPLP-C3-3DL	126077	5.54	246510	6.76	214521	10.05
SPLP-C4-1RE	118857	5.55	232004	6.76	201444	10.06
VX1202WBL01	137622	5.54	262897	6.76	221008	10.05
VX1202WBS01	133564	5.55	236701	6.76	191057	10.06

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG NO.: P5001
 Lab File ID: VX044052.D Date Analyzed: 12/02/2024
 Instrument ID: MSVOA_X Time Analyzed: 09:45
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	98861	12.018				
UPPER LIMIT	197722	12.518				
LOWER LIMIT	49430.5	11.518				
EPA SAMPLE NO.						
SPLP-C1-1RE	98468	12.02				
SPLP-C1-2RE	96574	12.02				
SPLP-C1-3RE	101267	12.02				
SPLP-C2-1RE	97308	12.02				
SPLP-C2-2DL	99346	12.02				
SPLP-C2-3DL	95432	12.02				
SPLP-C3-1RE	92954	12.02				
SPLP-C3-2DL	100587	12.02				
SPLP-C3-3DL	101769	12.02				
SPLP-C4-1RE	88047	12.02				
VX1202WBL01	93273	12.02				
VX1202WBS01	90073	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-1	SDG No.:	P5001
Lab Sample ID:	P5001-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044031.D	1		11/27/24 11:36	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	8.70	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	2.20	J	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	4.30	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	17.9		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-1	SDG No.:	P5001
Lab Sample ID:	P5001-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044031.D	1		11/27/24 11:36	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	61.2		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	30.0		0.31	10.0	ug/L
95-47-6	o-Xylene	20.7		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	3.40	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.6		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	34.8		70 (75) - 130 (124)	70%	SPK: 50
2037-26-5	Toluene-d8	51.6		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.7		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	113000	5.544			
540-36-3	1,4-Difluorobenzene	218000	6.757			
3114-55-4	Chlorobenzene-d5	202000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	89400	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-1	SDG No.:	P5001
Lab Sample ID:	P5001-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044031.D	1		11/27/24 11:36	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044031.D
 Acq On : 27 Nov 2024 11:36
 Operator : JC/MD
 Sample : P5001-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C1-1

Quant Time: Nov 28 00:43:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

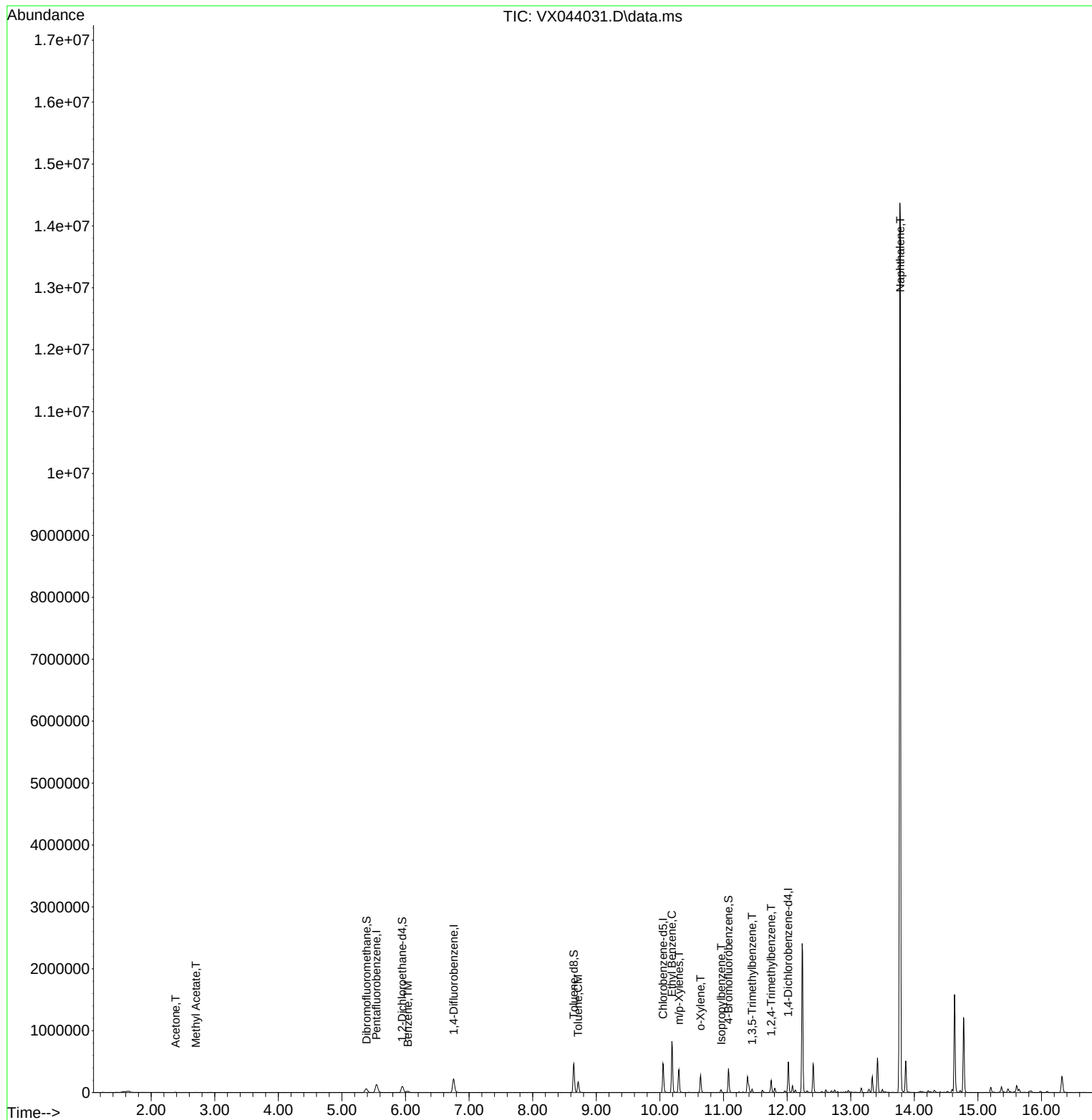
Internal Standards						
1) Pentafluorobenzene	5.544	168	113027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	217889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	202444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	100098	51.634	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.260%		
35) Dibromofluoromethane	5.385	113	54173	34.795	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 69.580%#		
50) Toluene-d8	8.647	98	276760	51.568	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.140%		
62) 4-Bromofluorobenzene	11.079	95	94376	51.670	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.340%		
Target Compounds						Qvalue
16) Acetone	2.386	43	7740	8.693	ug/l	98
18) Methyl Acetate	2.703	43	4615	2.226	ug/l	93
40) Benzene	6.038	78	25802	4.269	ug/l	99
52) Toluene	8.714	92	64884	17.938	ug/l	99
67) Ethyl Benzene	10.189	91	461277	61.225	ug/l	100
68) m/p-Xylenes	10.299	106	84417	30.045	ug/l	98
69) o-Xylene	10.640	106	56854	20.725	ug/l	94
73) Isopropylbenzene	10.963	105	23457	3.412	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	23909	4.227	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	81289	14.435	ug/l	99
95) Naphthalene	13.780	128	8232638	1286.861	ug/l	96

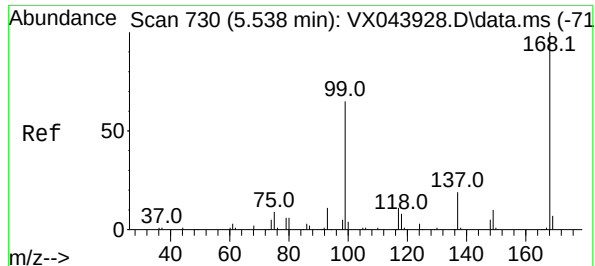
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044031.D
Acq On : 27 Nov 2024 11:36
Operator : JC/MD
Sample : P5001-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-1

Quant Time: Nov 28 00:43:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

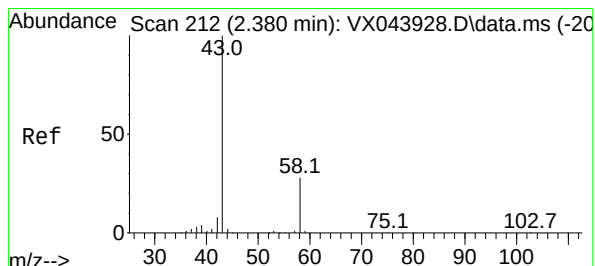
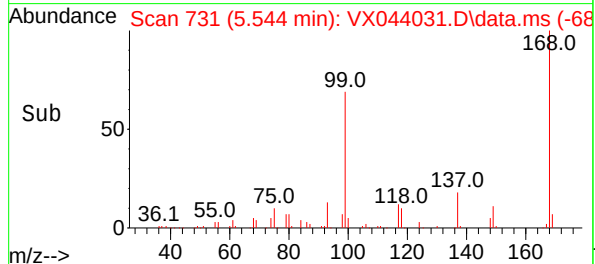
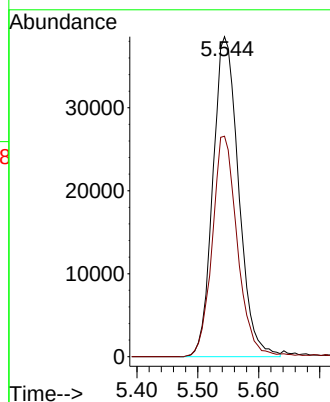
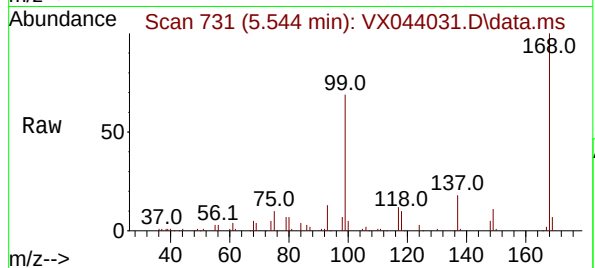




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044031.D
Acq: 27 Nov 2024 11:36

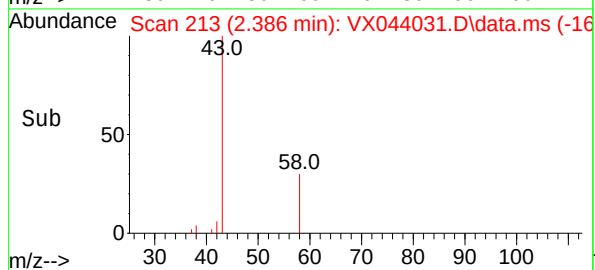
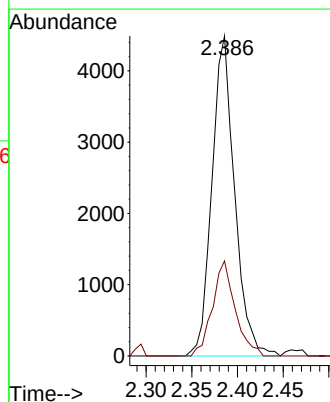
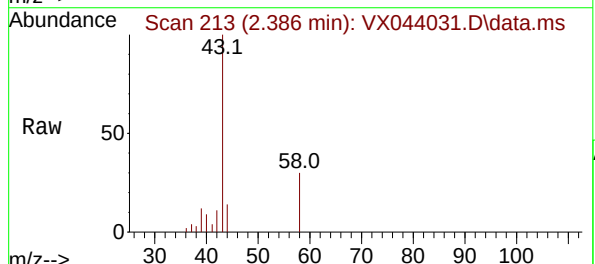
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-1

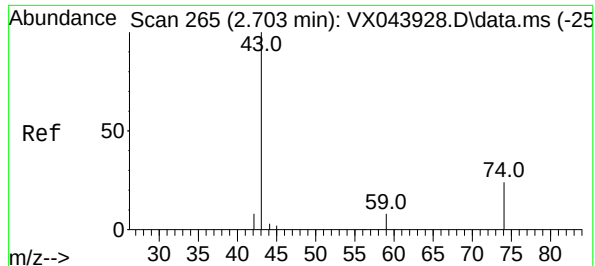
Tgt Ion:168 Resp: 113027
Ion Ratio Lower Upper
168 100
99 68.9 51.8 77.8



#16
Acetone
Concen: 8.693 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044031.D
Acq: 27 Nov 2024 11:36

Tgt Ion: 43 Resp: 7740
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1





#18

Methyl Acetate

Concen: 2.226 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX044031.D

Acq: 27 Nov 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

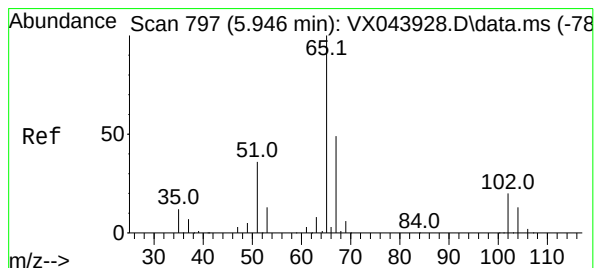
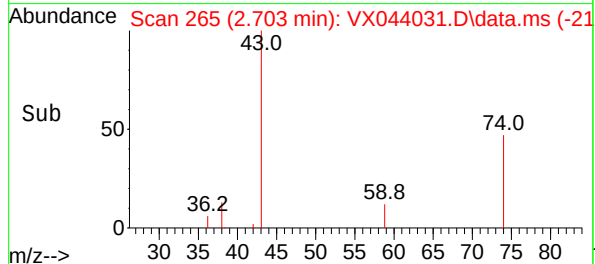
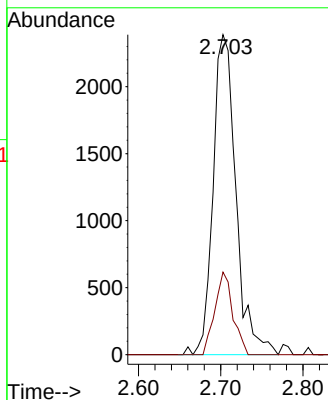
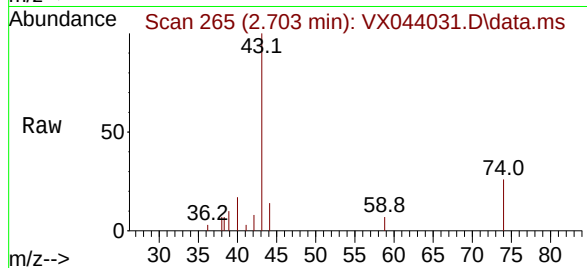
SPLP-C1-1

Tgt Ion: 43 Resp: 4615

Ion Ratio Lower Upper

43 100

74 20.3 18.9 28.3



#33

1,2-Dichloroethane-d4

Concen: 51.634 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044031.D

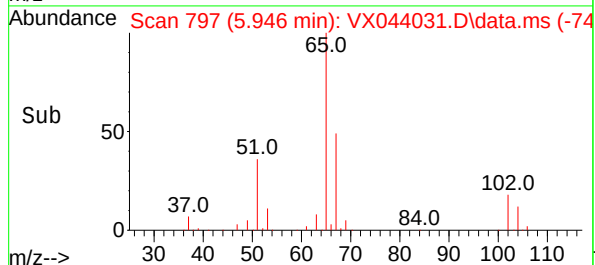
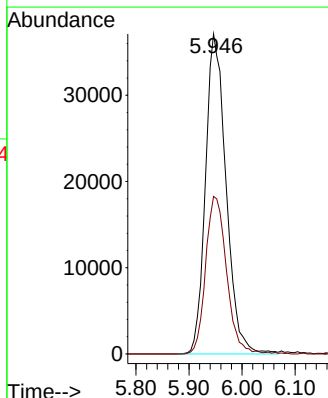
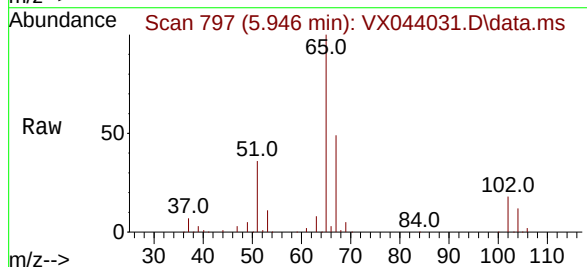
Acq: 27 Nov 2024 11:36

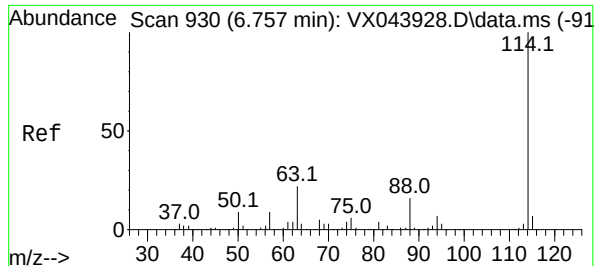
Tgt Ion: 65 Resp: 100098

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX044031.D

Acq: 27 Nov 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-1

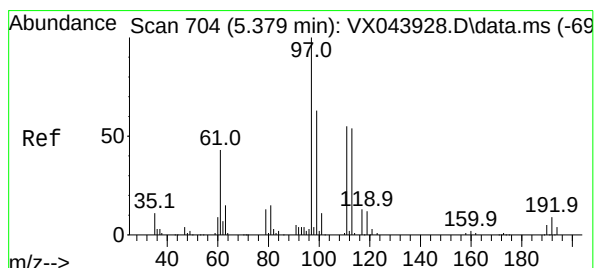
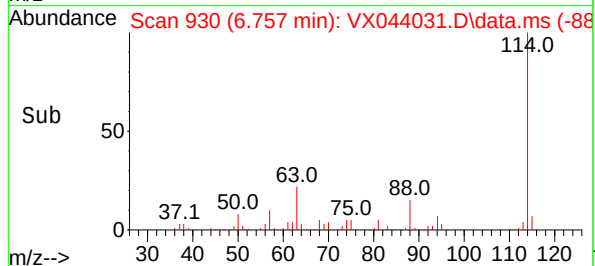
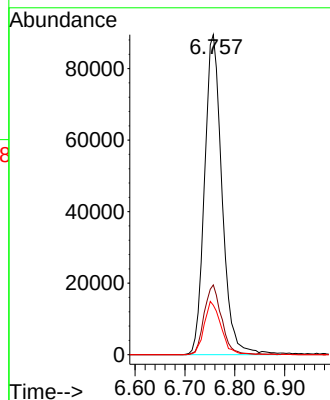
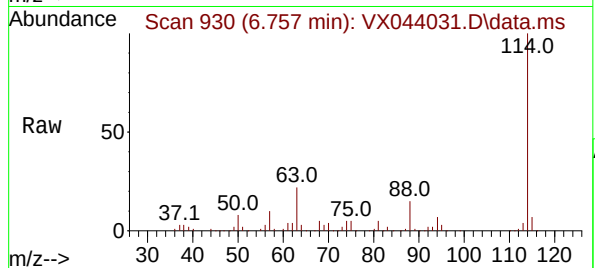
Tgt Ion:114 Resp: 217889

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.0

88 15.4 0.0 32.4



#35

Dibromofluoromethane

Concen: 34.795 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX044031.D

Acq: 27 Nov 2024 11:36

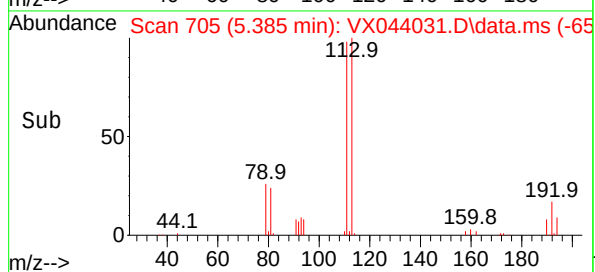
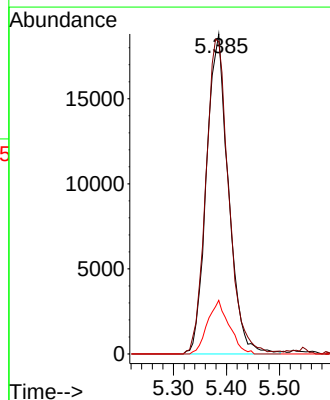
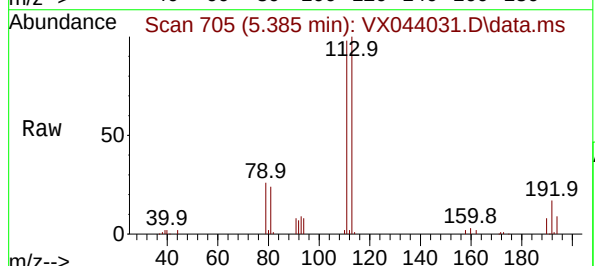
Tgt Ion:113 Resp: 54173

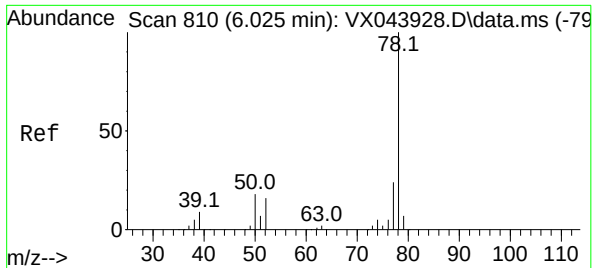
Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.4

192 16.5 13.0 19.6





#40

Benzene

Concen: 4.269 ug/l

RT: 6.038 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044031.D

Acq: 27 Nov 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

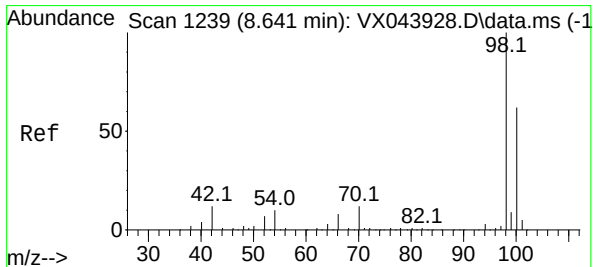
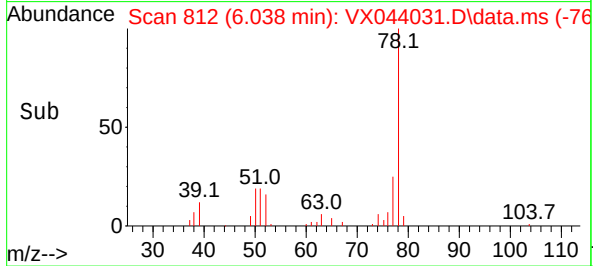
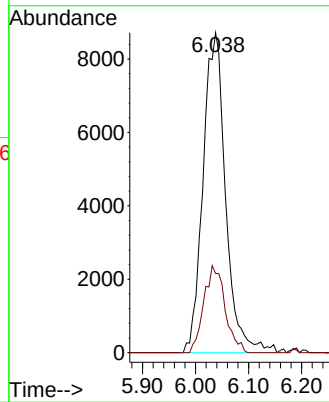
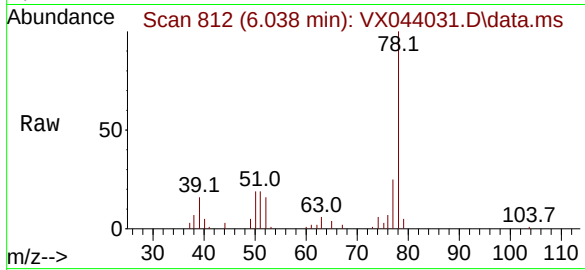
SPLP-C1-1

Tgt Ion: 78 Resp: 25802

Ion Ratio Lower Upper

78 100

77 24.7 19.2 28.8



#50

Toluene-d8

Concen: 51.568 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044031.D

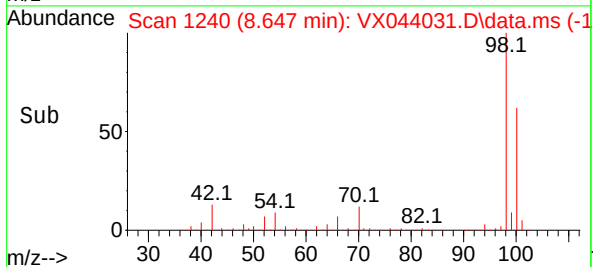
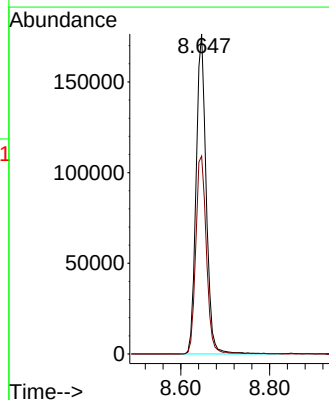
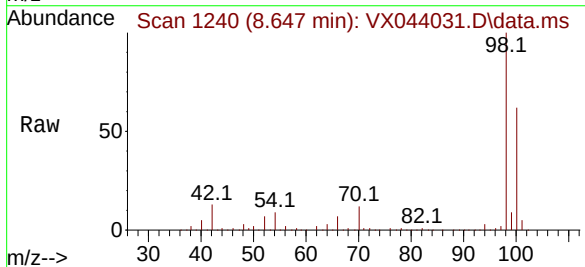
Acq: 27 Nov 2024 11:36

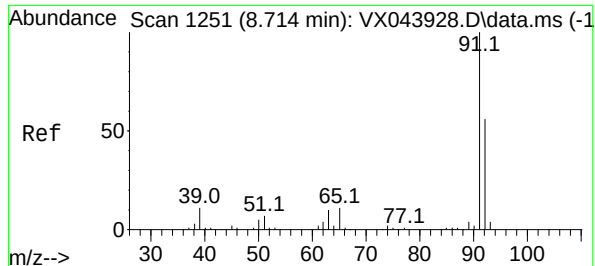
Tgt Ion: 98 Resp: 276760

Ion Ratio Lower Upper

98 100

100 65.2 52.6 79.0





#52

Toluene

Concen: 17.938 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044031.D

Acq: 27 Nov 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

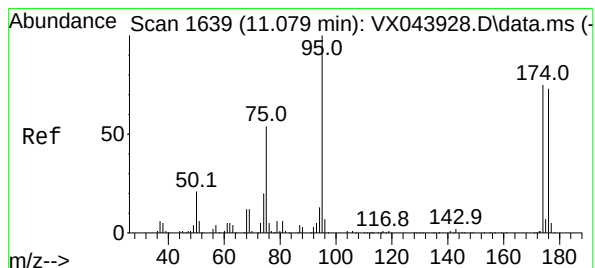
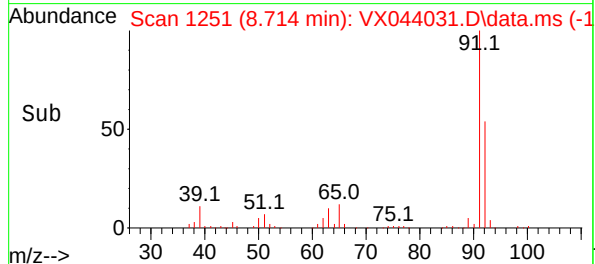
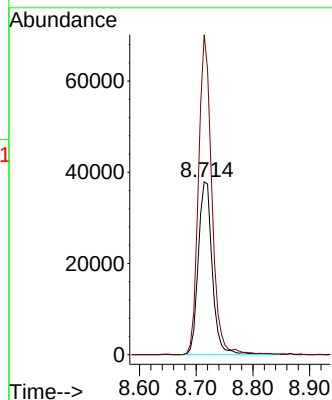
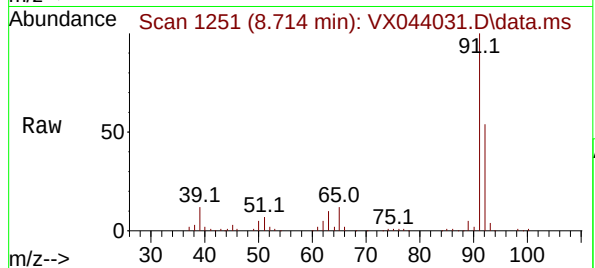
SPLP-C1-1

Tgt Ion: 92 Resp: 64884

Ion Ratio Lower Upper

92 100

91 176.7 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 51.670 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044031.D

Acq: 27 Nov 2024 11:36

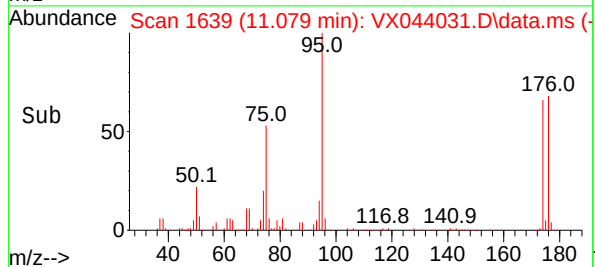
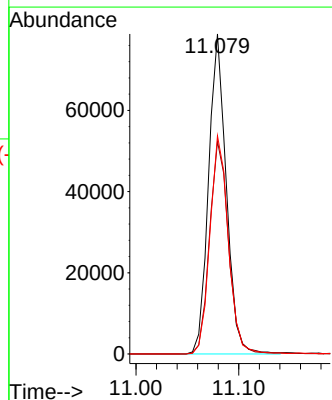
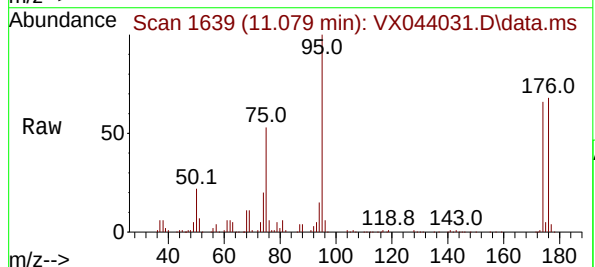
Tgt Ion: 95 Resp: 94376

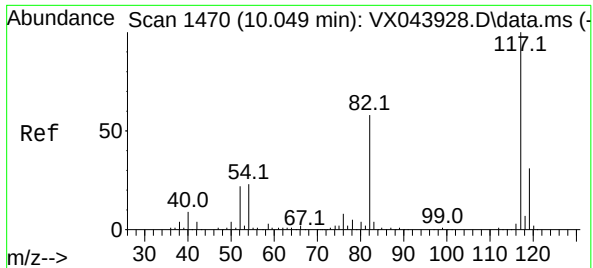
Ion Ratio Lower Upper

95 100

174 71.1 0.0 150.4

176 70.9 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044031.D

Acq: 27 Nov 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-1

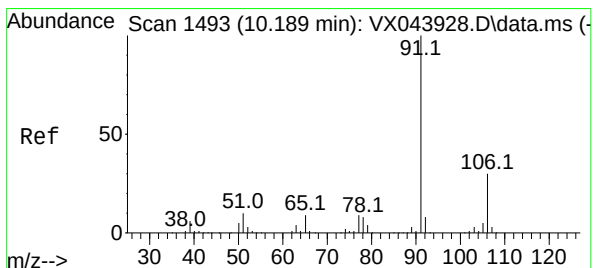
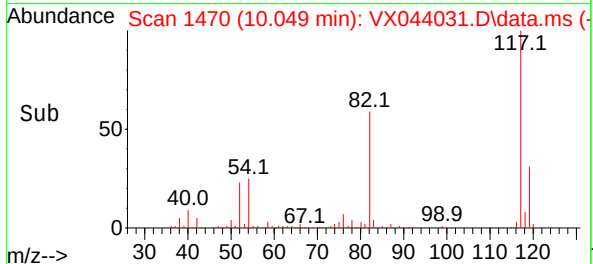
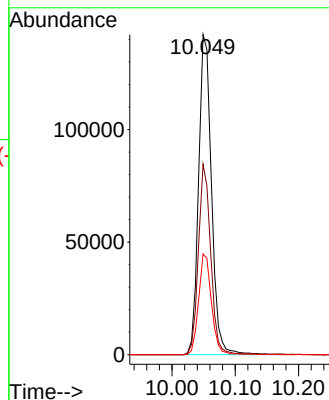
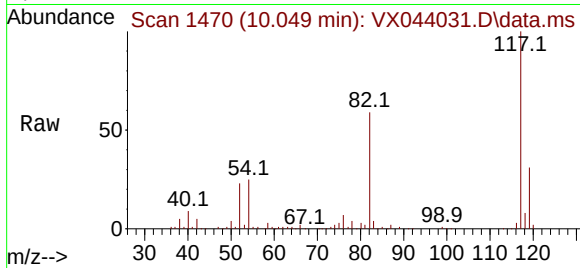
Tgt Ion:117 Resp: 202444

Ion Ratio Lower Upper

117 100

82 59.5 46.4 69.6

119 31.5 24.6 37.0



#67

Ethyl Benzene

Concen: 61.225 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044031.D

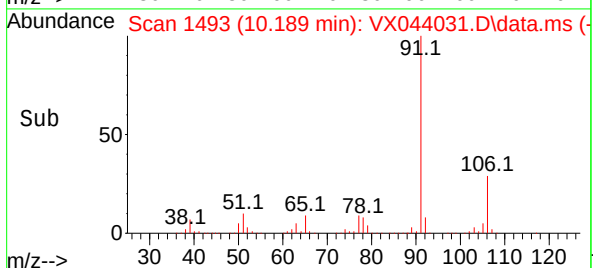
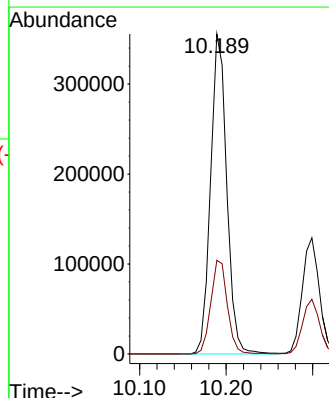
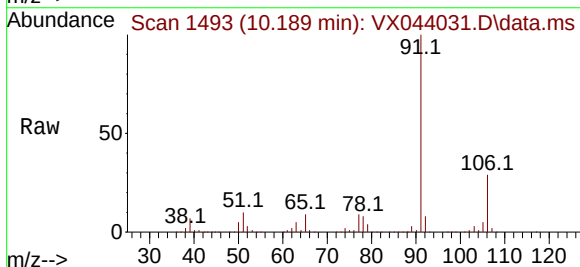
Acq: 27 Nov 2024 11:36

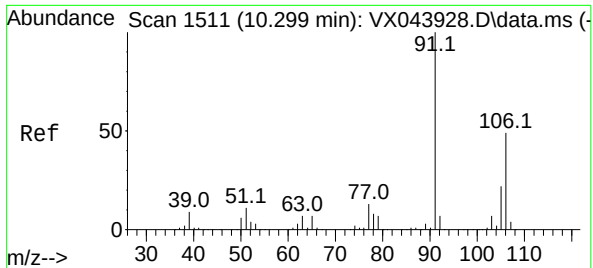
Tgt Ion: 91 Resp: 461277

Ion Ratio Lower Upper

91 100

106 29.2 23.6 35.4





#68

m/p-Xylenes

Concen: 30.045 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044031.D

Acq: 27 Nov 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

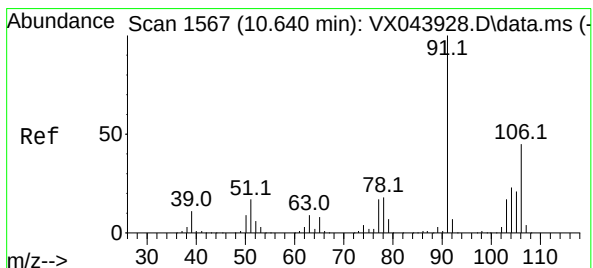
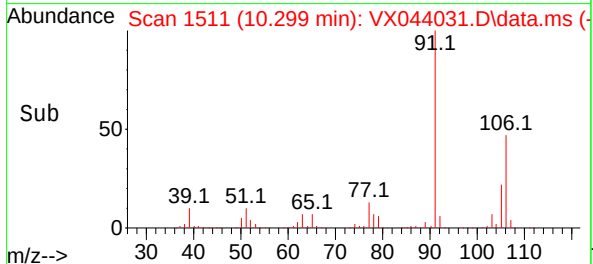
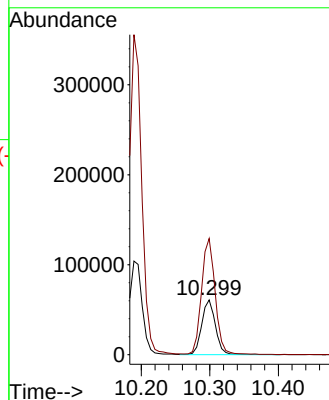
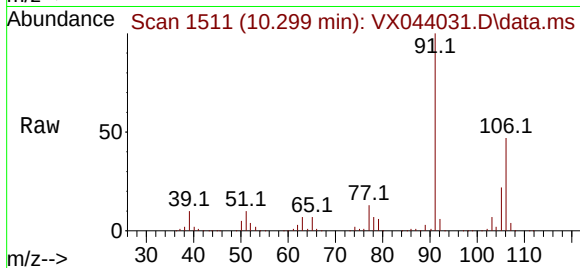
SPLP-C1-1

Tgt Ion:106 Resp: 84417

Ion Ratio Lower Upper

106 100

91 212.7 168.1 252.1



#69

o-Xylene

Concen: 20.725 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044031.D

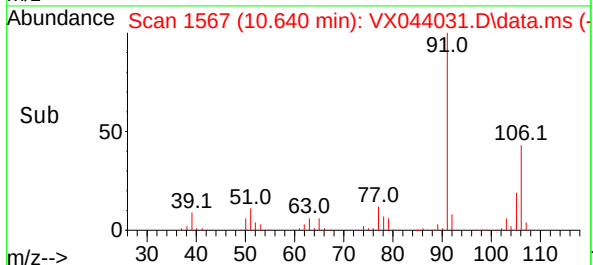
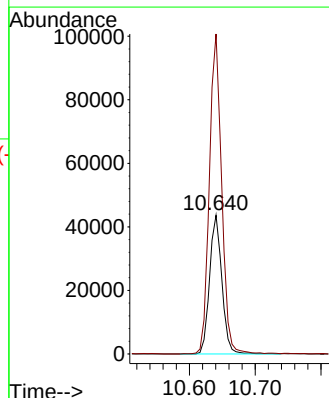
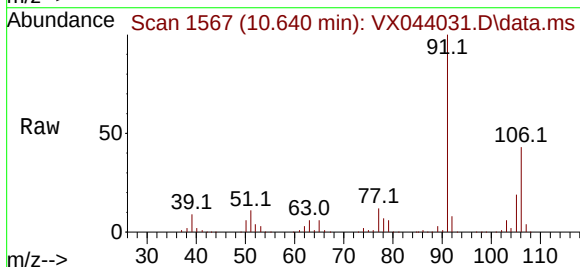
Acq: 27 Nov 2024 11:36

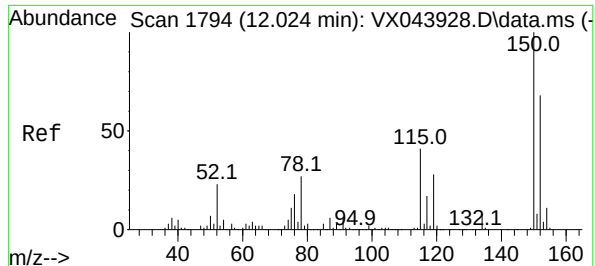
Tgt Ion:106 Resp: 56854

Ion Ratio Lower Upper

106 100

91 230.6 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX044031.D

Acq: 27 Nov 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-1

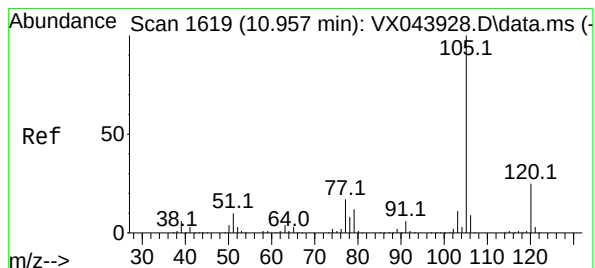
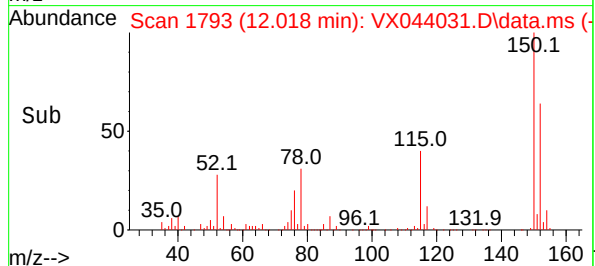
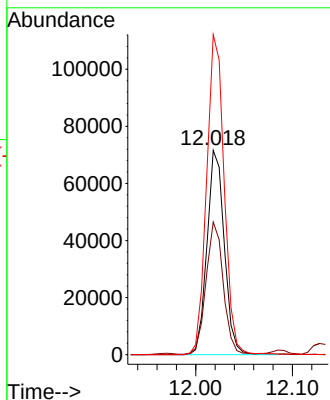
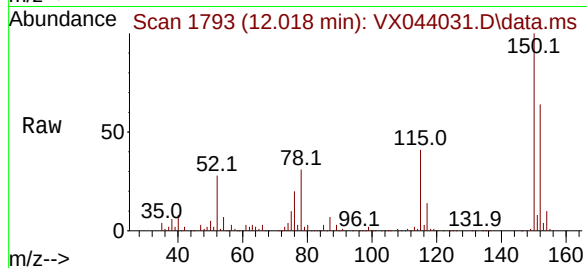
Tgt Ion:152 Resp: 89439

Ion Ratio Lower Upper

152 100

115 64.0 45.4 136.2

150 158.8 0.0 353.0



#73

Isopropylbenzene

Concen: 3.412 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044031.D

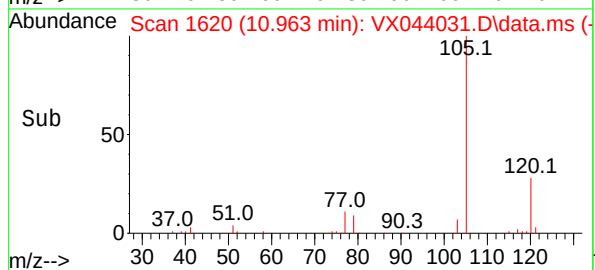
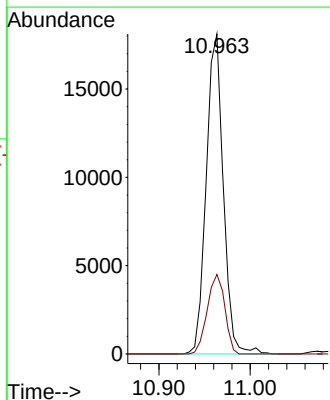
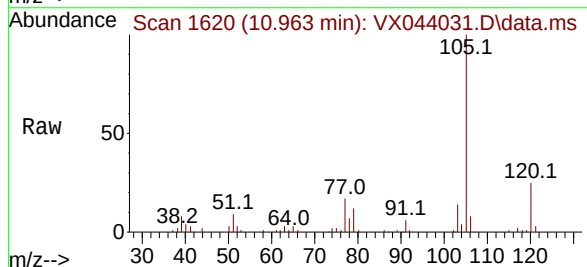
Acq: 27 Nov 2024 11:36

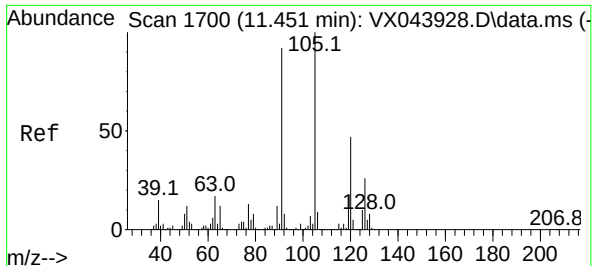
Tgt Ion:105 Resp: 23457

Ion Ratio Lower Upper

105 100

120 25.5 13.0 38.9





#80

1,3,5-Trimethylbenzene

Concen: 4.227 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044031.D

Acq: 27 Nov 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

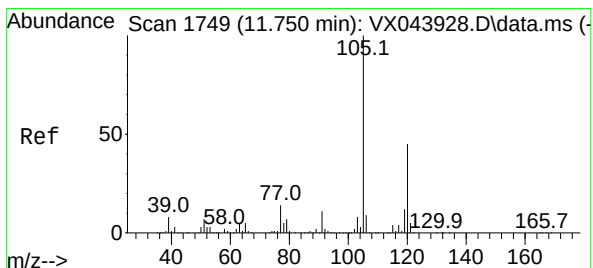
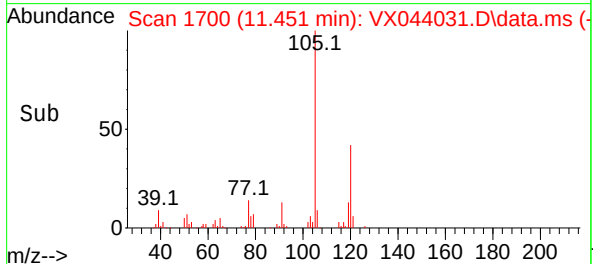
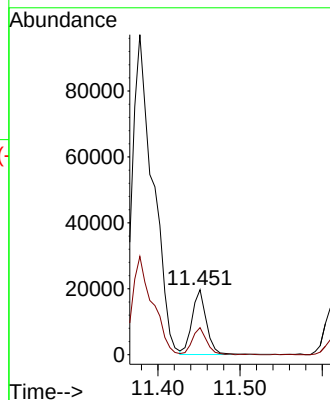
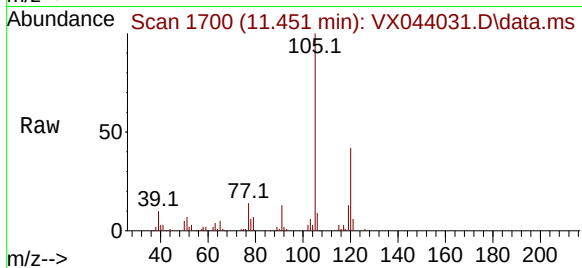
SPLP-C1-1

Tgt Ion:105 Resp: 23909

Ion Ratio Lower Upper

105 100

120 40.6 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 14.435 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044031.D

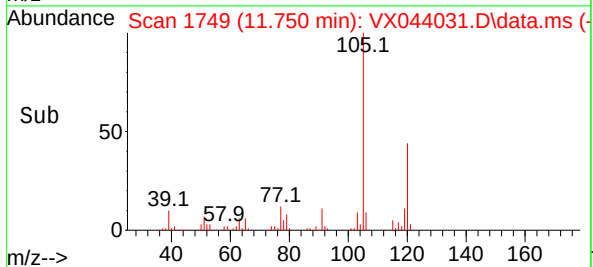
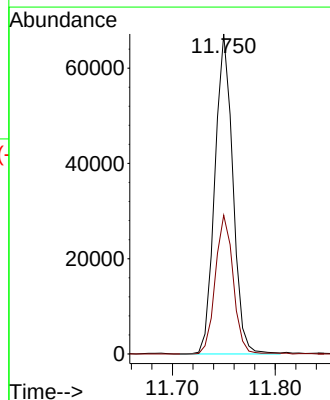
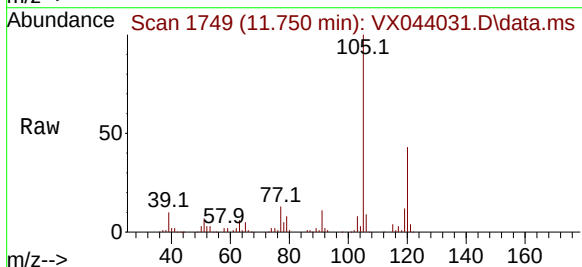
Acq: 27 Nov 2024 11:36

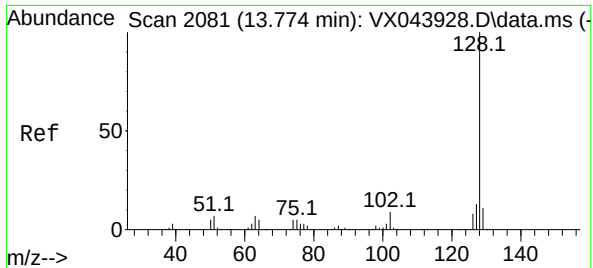
Tgt Ion:105 Resp: 81289

Ion Ratio Lower Upper

105 100

120 43.2 21.9 65.7





#95

Naphthalene

Concen: 1286.861 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044031.D

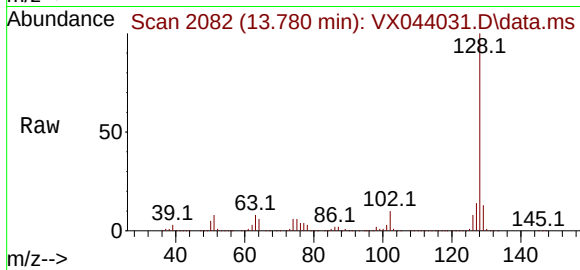
Acq: 27 Nov 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-1



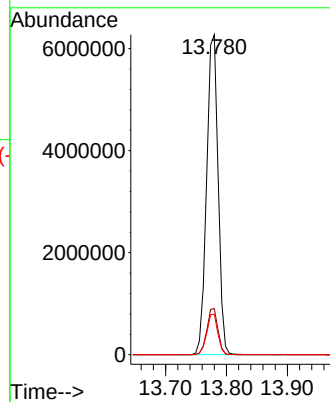
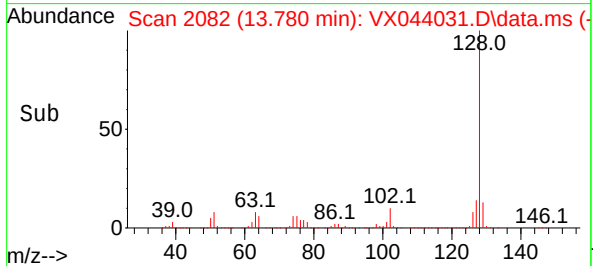
Tgt Ion:128 Resp: 8232638

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.2

129 12.2 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-1RE	SDG No.:	P5001
Lab Sample ID:	P5001-01RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044069.D	1		12/02/24 16:24	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	8.80	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	2.00	J	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	4.20	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	17.0		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-1RE	SDG No.:	P5001
Lab Sample ID:	P5001-01RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044069.D	1		12/02/24 16:24	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	61.5		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	30.4		0.31	10.0	ug/L
95-47-6	o-Xylene	21.4		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	3.30	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.7		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	33.1	*	70 (75) - 130 (124)	66%	SPK: 50
2037-26-5	Toluene-d8	48.9		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.8		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	118000	5.55			
540-36-3	1,4-Difluorobenzene	232000	6.757			
3114-55-4	Chlorobenzene-d5	204000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	98500	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-1RE	SDG No.:	P5001
Lab Sample ID:	P5001-01RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044069.D	1		12/02/24 16:24	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044069.D
 Acq On : 02 Dec 2024 16:24
 Operator : JC/MD
 Sample : P5001-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C1-1RE

Quant Time: Dec 03 00:23:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

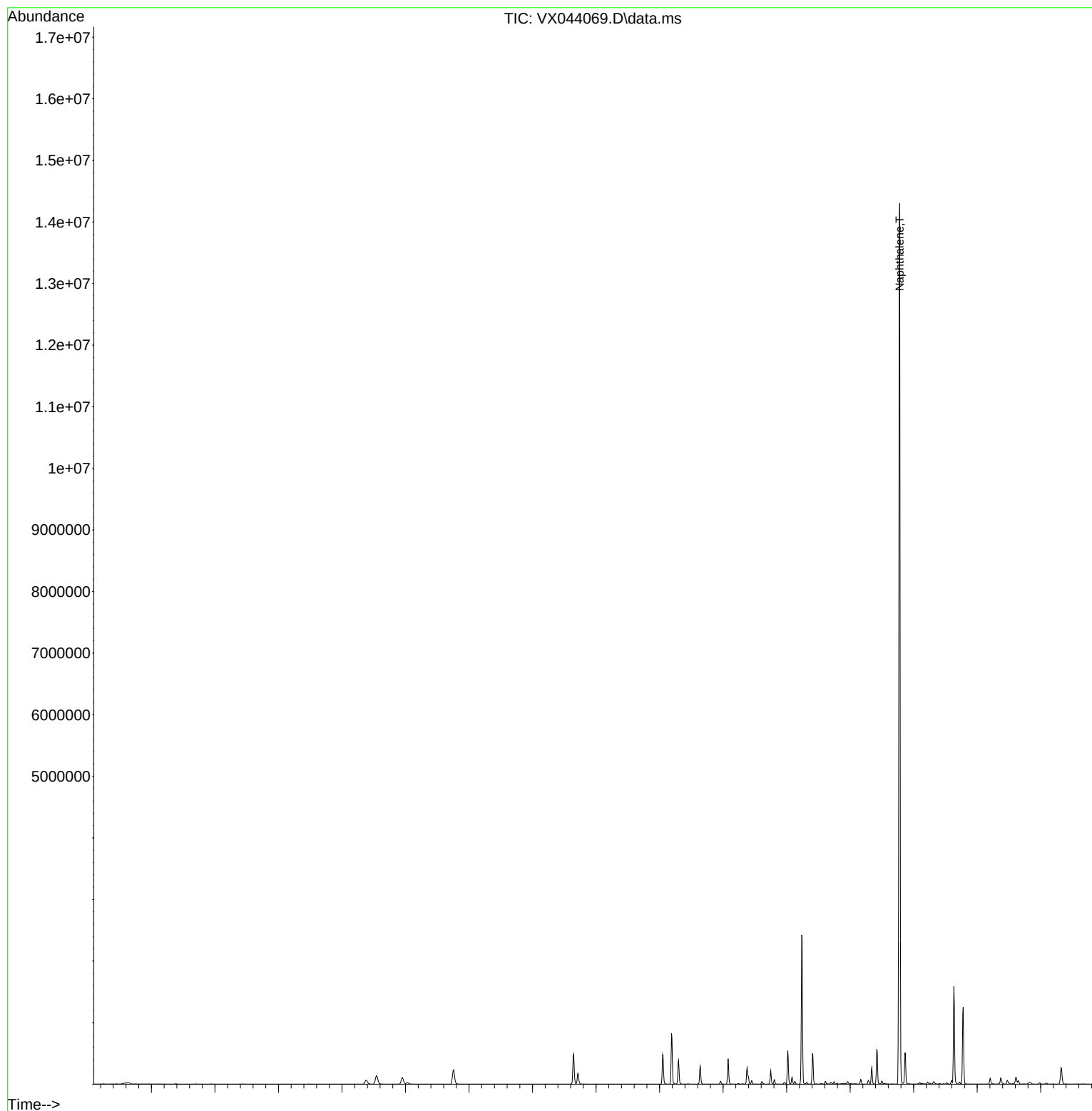
Internal Standards						
1) Pentafluorobenzene	5.550	168	118265	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	232463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	203672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104888	51.709	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 103.420%		
35) Dibromofluoromethane	5.379	113	55022	33.125	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 66.240%#		
50) Toluene-d8	8.647	98	279856	48.876	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 97.760%		
62) 4-Bromofluorobenzene	11.079	95	102870	52.790	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 105.580%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	8191	8.792	ug/l	96
18) Methyl Acetate	2.703	43	4294	1.979	ug/l	97
40) Benzene	6.031	78	26885	4.170	ug/l	98
52) Toluene	8.714	92	65727	17.032	ug/l	98
67) Ethyl Benzene	10.189	91	466083	61.490	ug/l	99
68) m/p-Xylenes	10.299	106	85874	30.380	ug/l	97
69) o-Xylene	10.640	106	59094	21.412	ug/l	94
73) Isopropylbenzene	10.957	105	25166	3.325	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	23818	3.825	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	84179	13.578	ug/l	100
95) Naphthalene	13.780	128	8383068	1190.221	ug/l	96

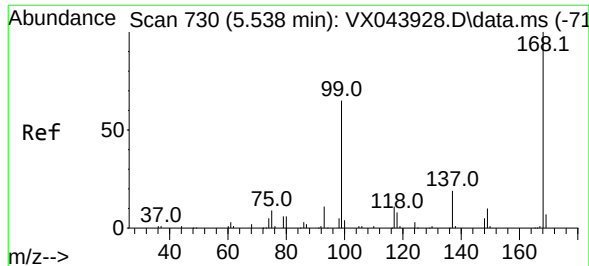
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044069.D
Acq On : 02 Dec 2024 16:24
Operator : JC/MD
Sample : P5001-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-1RE

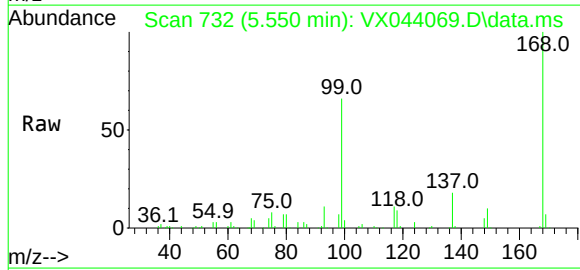
Quant Time: Dec 03 00:23:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



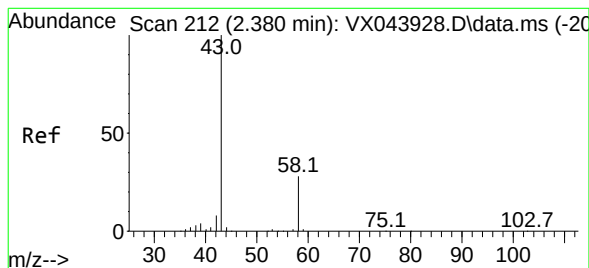
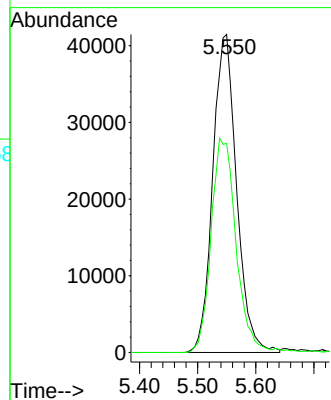
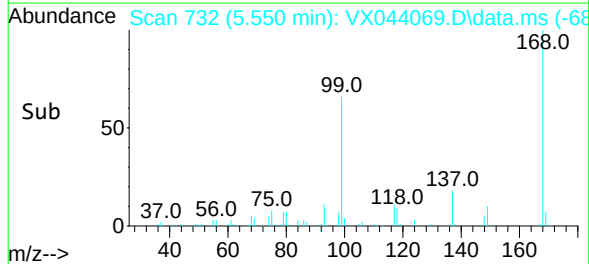


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044069.D
Acq: 02 Dec 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-1RE

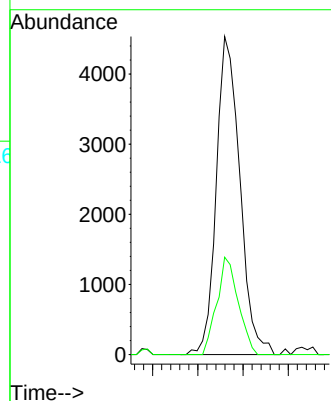
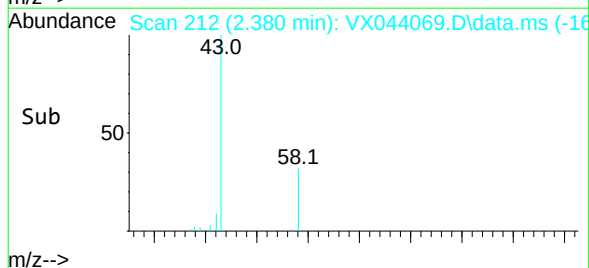
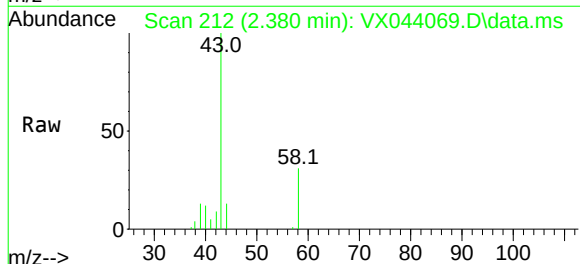


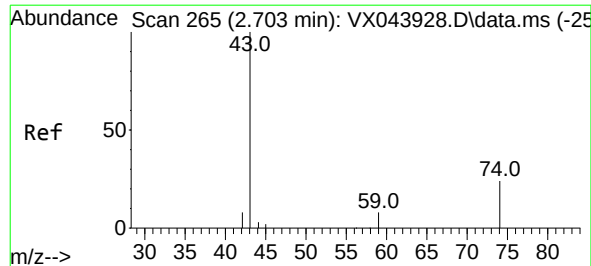
Tgt Ion: 168 Resp: 118265
Ion Ratio Lower Upper
168 100
99 65.8 51.8 77.8



#16
Acetone
Concen: 8.792 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044069.D
Acq: 02 Dec 2024 16:24

Tgt Ion: 43 Resp: 8191
Ion Ratio Lower Upper
43 100
58 30.6 22.7 34.1





#18

Methyl Acetate

Concen: 1.979 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX044069.D

Acq: 02 Dec 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

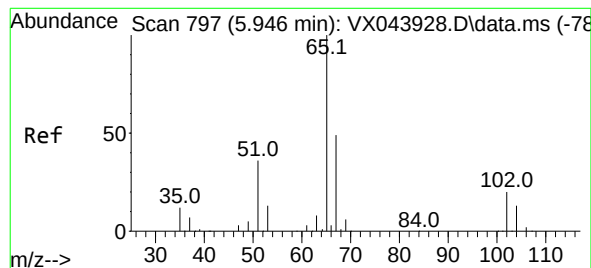
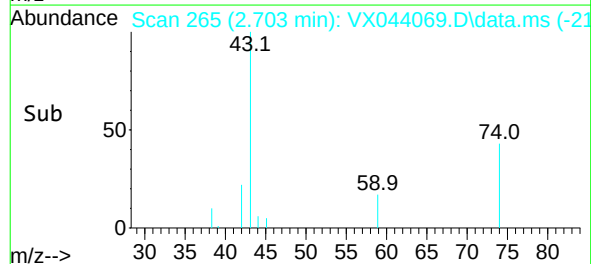
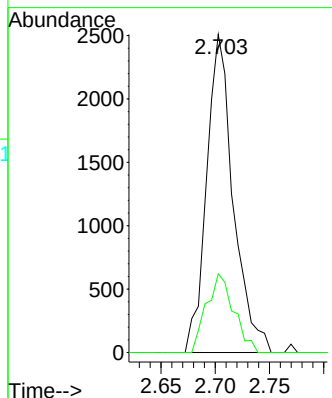
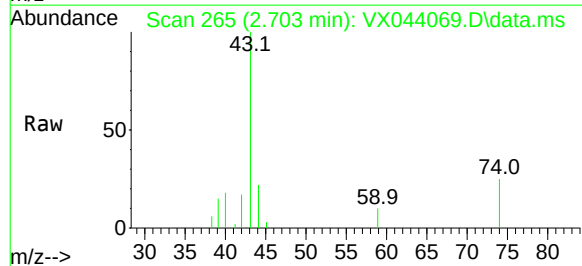
SPLP-C1-1RE

Tgt Ion: 43 Resp: 4294

Ion Ratio Lower Upper

43 100

74 25.3 18.9 28.3



#33

1,2-Dichloroethane-d4

Concen: 51.709 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044069.D

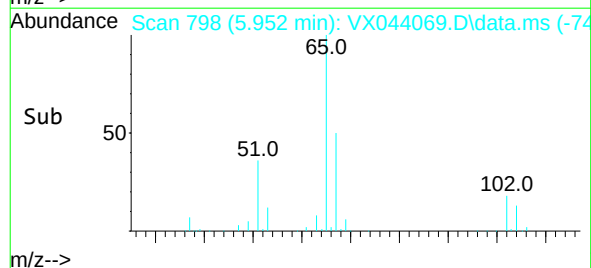
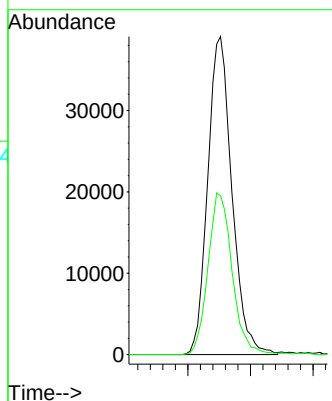
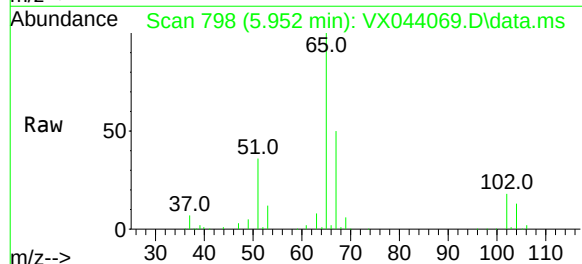
Acq: 02 Dec 2024 16:24

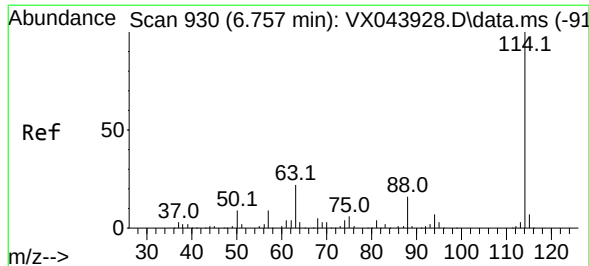
Tgt Ion: 65 Resp: 104888

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.8

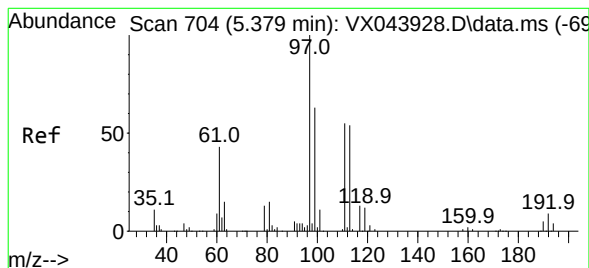
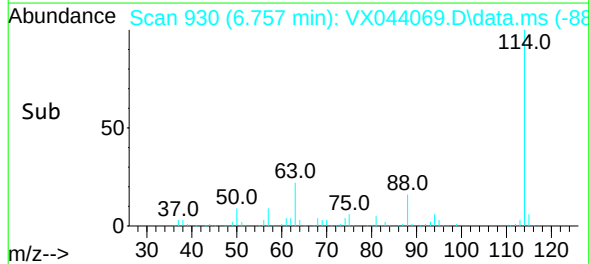
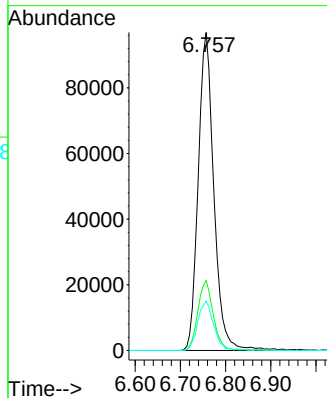
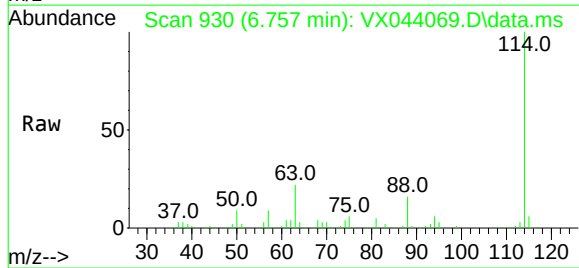




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044069.D
Acq: 02 Dec 2024 16:24

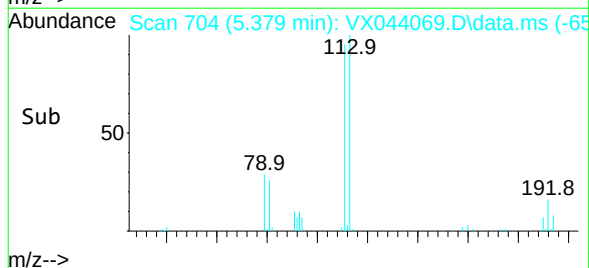
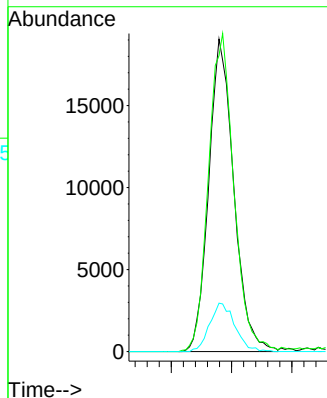
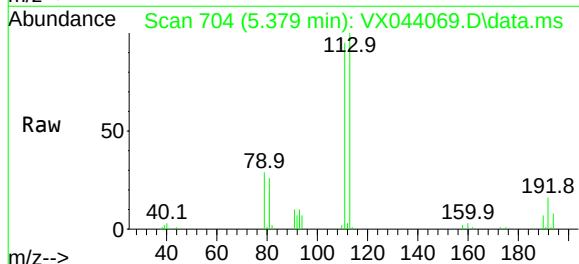
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-1RE

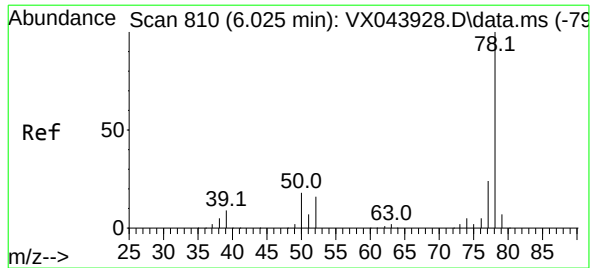
Tgt Ion:	114	Resp:	232463
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	15.5	0.0	32.4



#35
Dibromofluoromethane
Concen: 33.125 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044069.D
Acq: 02 Dec 2024 16:24

Tgt Ion:	113	Resp:	55022
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	15.7	13.0	19.6





#40

Benzene

Concen: 4.170 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044069.D

Acq: 02 Dec 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

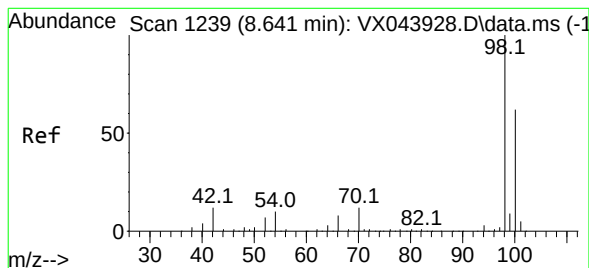
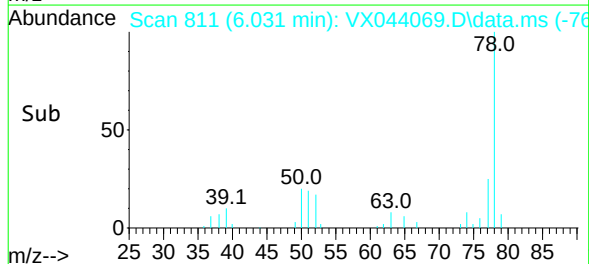
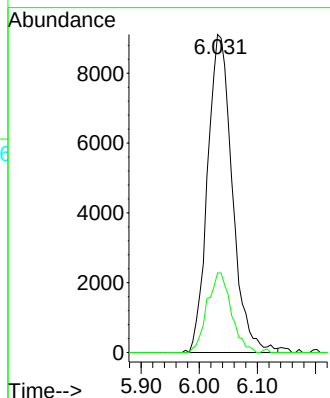
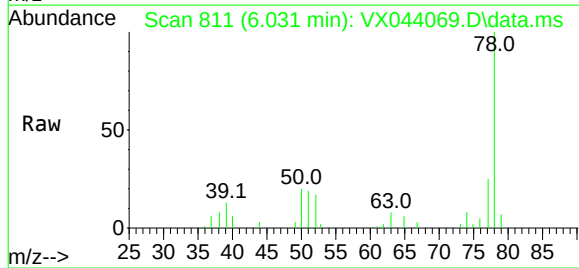
SPLP-C1-1RE

Tgt Ion: 78 Resp: 26885

Ion Ratio Lower Upper

78 100

77 25.0 19.2 28.8



#50

Toluene-d8

Concen: 48.876 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044069.D

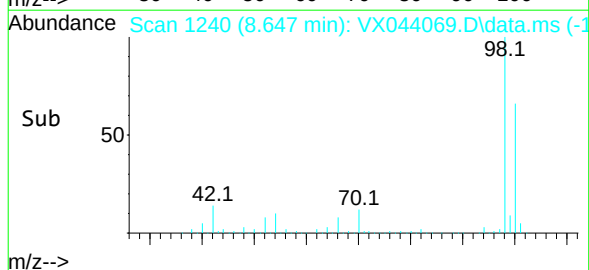
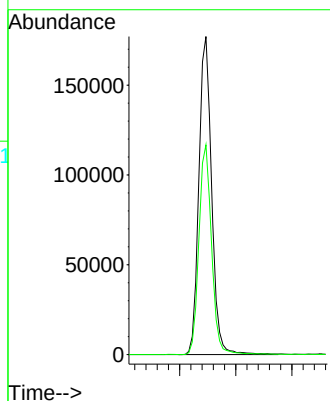
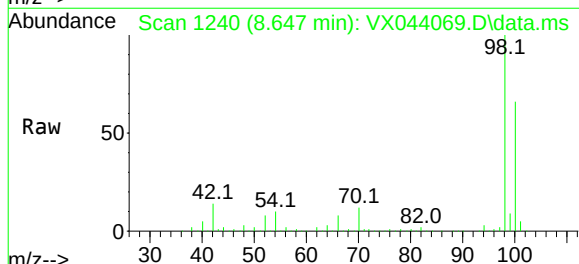
Acq: 02 Dec 2024 16:24

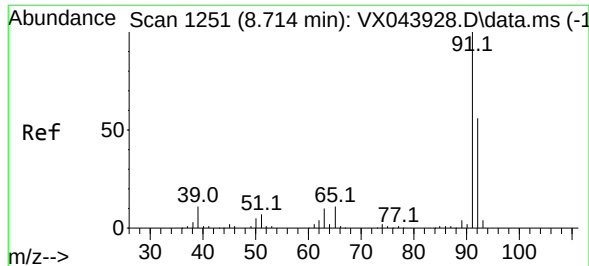
Tgt Ion: 98 Resp: 279856

Ion Ratio Lower Upper

98 100

100 65.6 52.6 79.0





#52

Toluene

Concen: 17.032 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044069.D

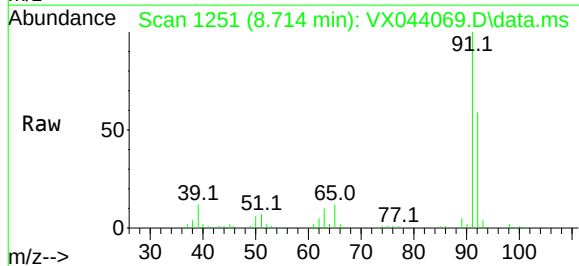
Acq: 02 Dec 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-1RE

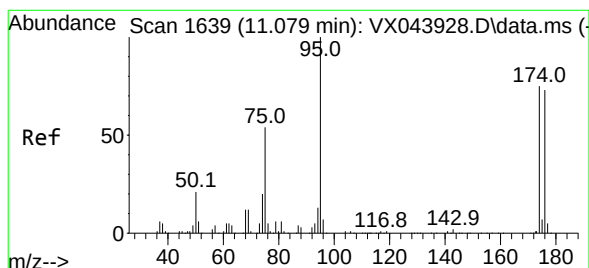
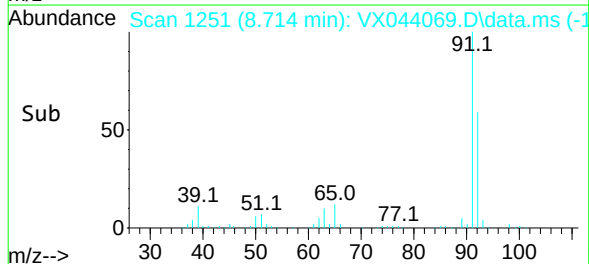
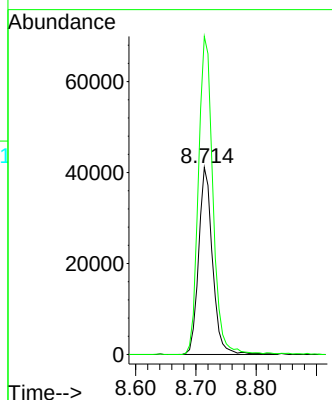


Tgt Ion: 92 Resp: 65727

Ion Ratio Lower Upper

92 100

91 177.3 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 52.790 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044069.D

Acq: 02 Dec 2024 16:24

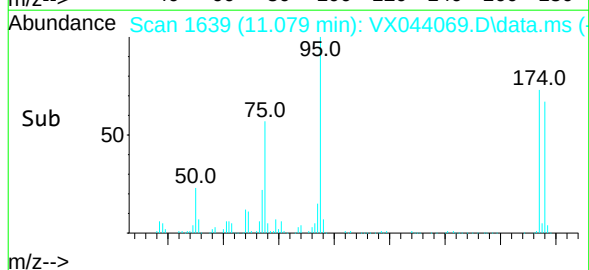
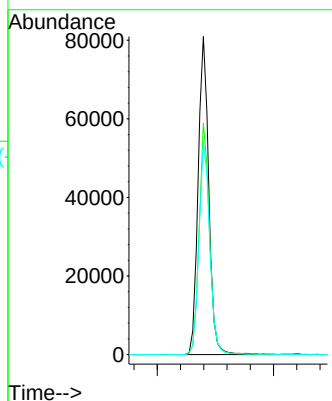
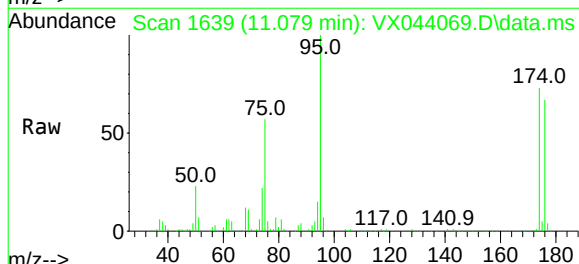
Tgt Ion: 95 Resp: 102870

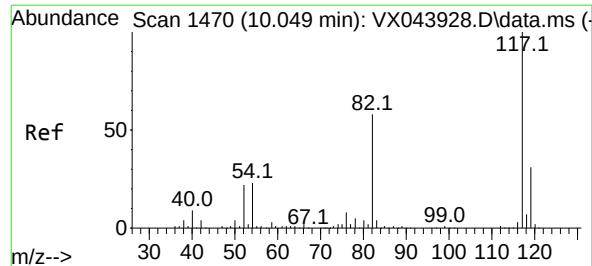
Ion Ratio Lower Upper

95 100

174 71.2 0.0 150.4

176 67.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044069.D

Acq: 02 Dec 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-1RE

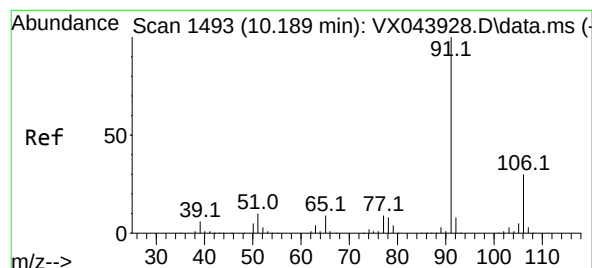
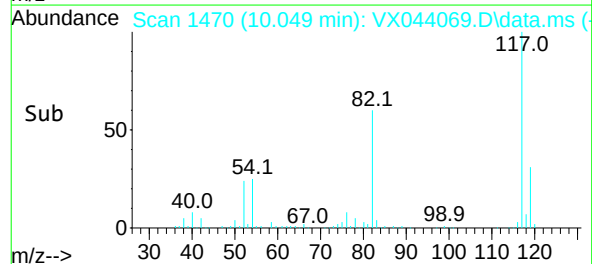
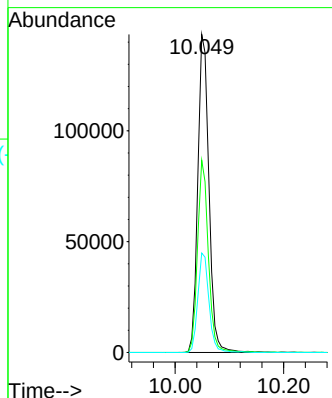
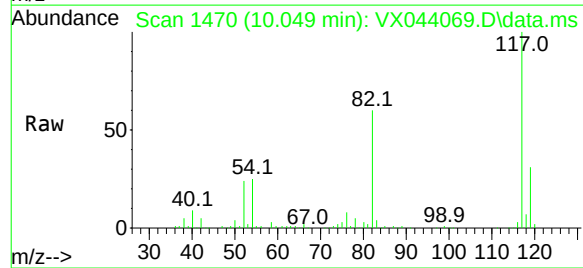
Tgt Ion:117 Resp: 203672

Ion Ratio Lower Upper

117 100

82 60.4 46.4 69.6

119 31.3 24.6 37.0



#67

Ethyl Benzene

Concen: 61.490 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044069.D

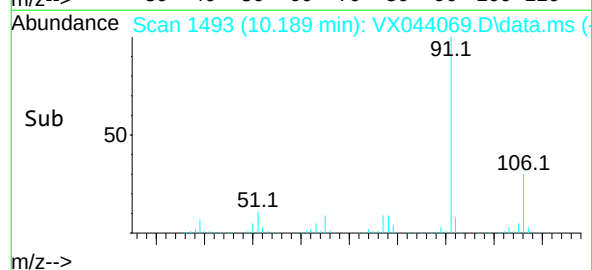
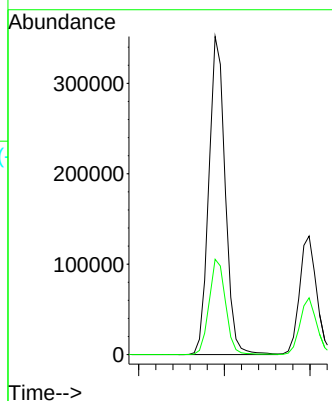
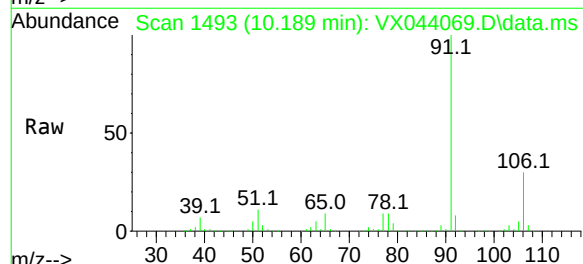
Acq: 02 Dec 2024 16:24

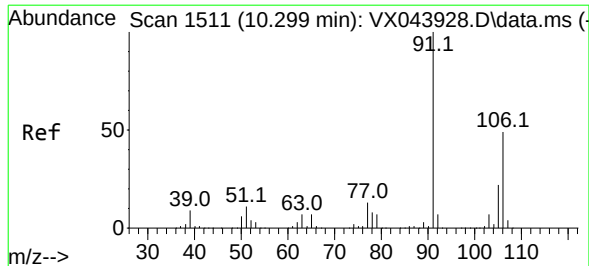
Tgt Ion: 91 Resp: 466083

Ion Ratio Lower Upper

91 100

106 30.0 23.6 35.4





#68

m/p-Xylenes

Concen: 30.380 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044069.D

Acq: 02 Dec 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

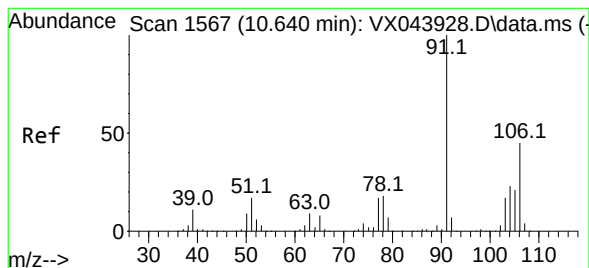
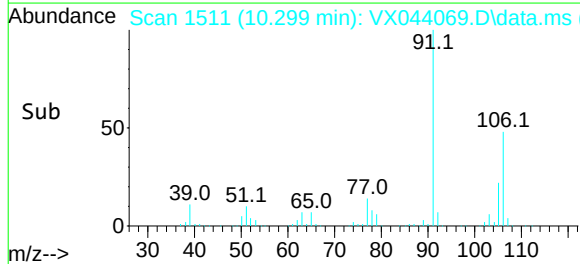
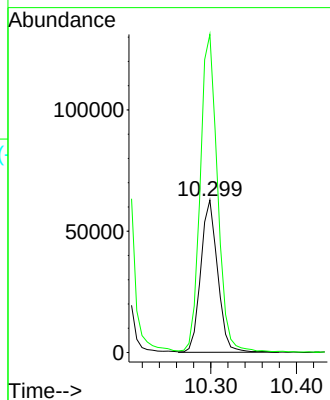
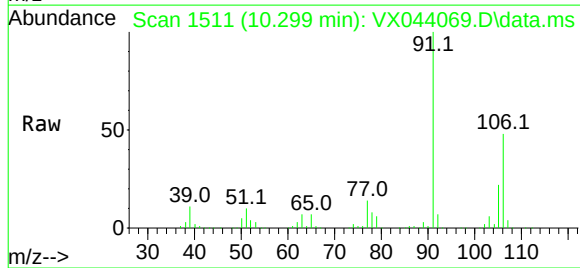
SPLP-C1-1RE

Tgt Ion:106 Resp: 85874

Ion Ratio Lower Upper

106 100

91 214.8 168.1 252.1



#69

o-Xylene

Concen: 21.412 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044069.D

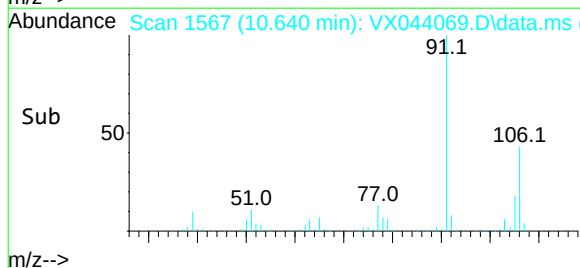
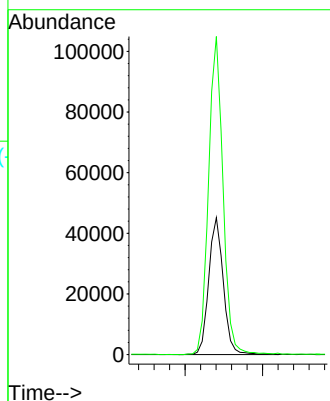
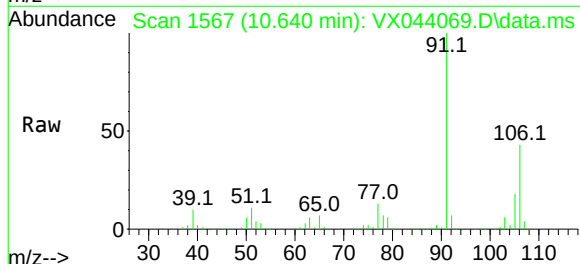
Acq: 02 Dec 2024 16:24

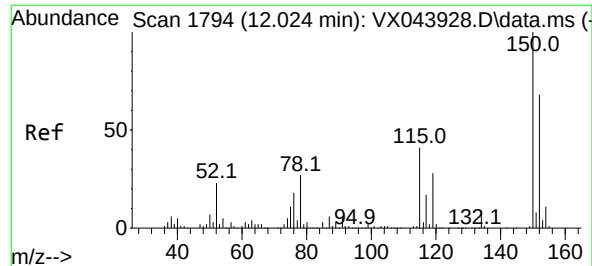
Tgt Ion:106 Resp: 59094

Ion Ratio Lower Upper

106 100

91 229.8 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VX044069.D

Acq: 02 Dec 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-1RE

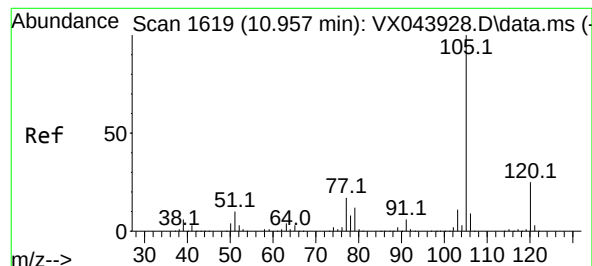
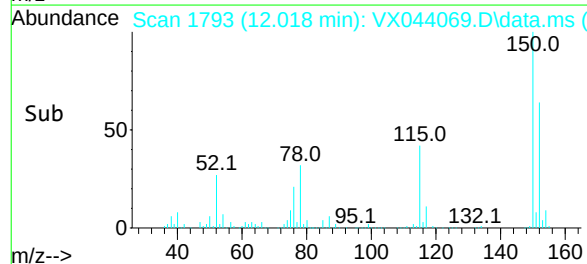
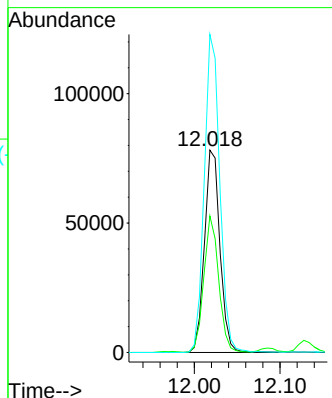
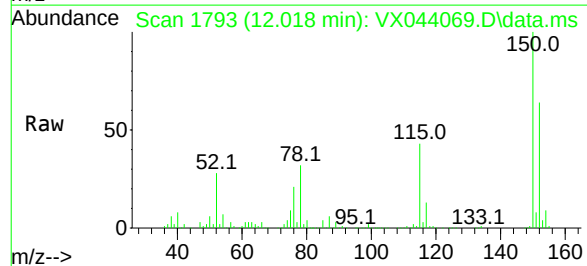
Tgt Ion:152 Resp: 98468

Ion Ratio Lower Upper

152 100

115 64.3 45.4 136.2

150 157.0 0.0 353.0



#73

Isopropylbenzene

Concen: 3.325 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044069.D

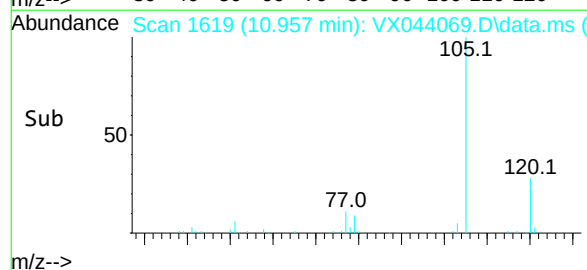
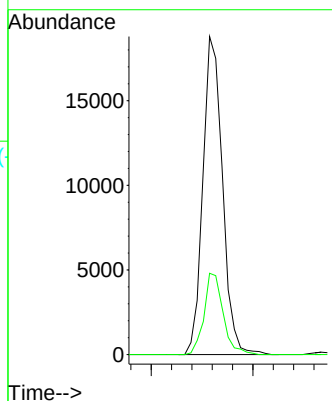
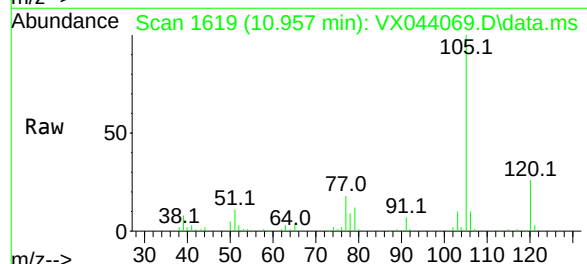
Acq: 02 Dec 2024 16:24

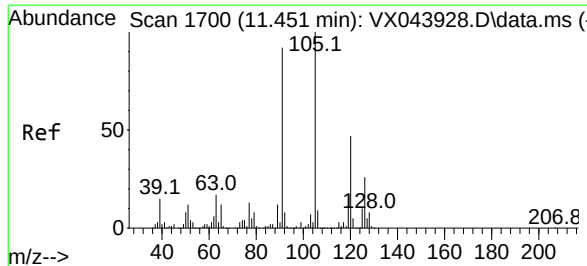
Tgt Ion:105 Resp: 25166

Ion Ratio Lower Upper

105 100

120 24.9 13.0 38.9





#80

1,3,5-Trimethylbenzene

Concen: 3.825 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044069.D

Acq: 02 Dec 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

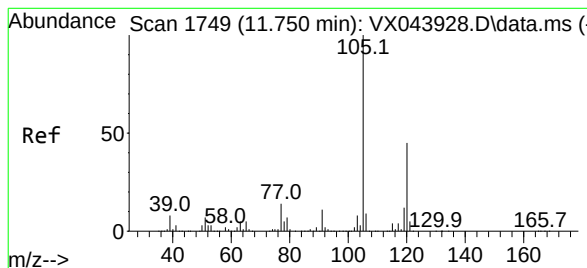
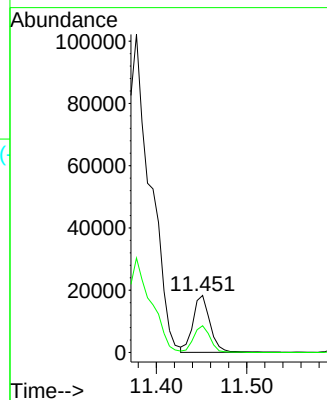
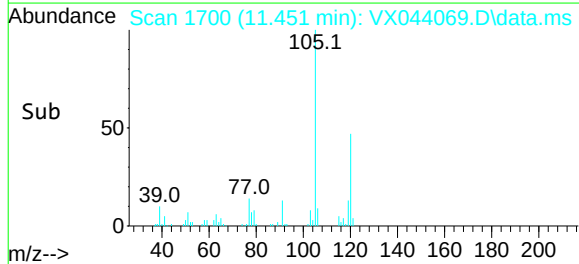
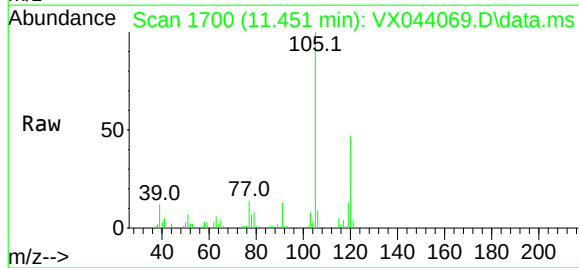
SPLP-C1-1RE

Tgt Ion:105 Resp: 23818

Ion Ratio Lower Upper

105 100

120 45.9 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 13.578 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044069.D

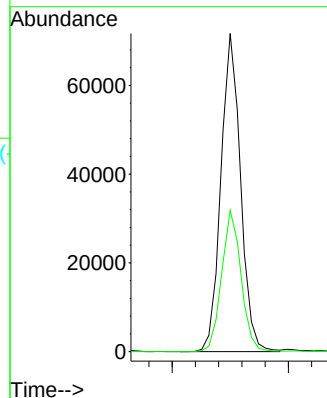
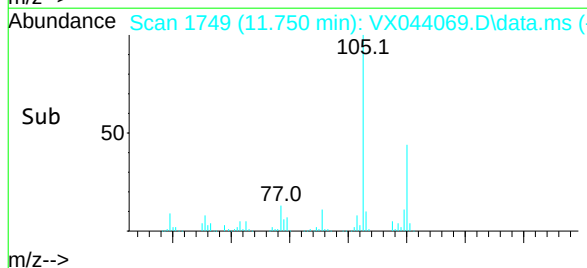
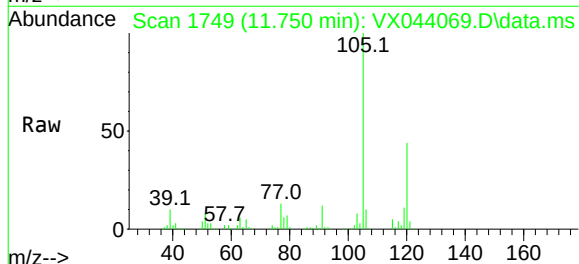
Acq: 02 Dec 2024 16:24

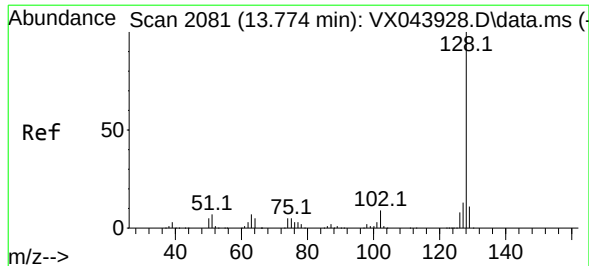
Tgt Ion:105 Resp: 84179

Ion Ratio Lower Upper

105 100

120 44.0 21.9 65.7





#95

Naphthalene

Concen: 1190.221 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044069.D

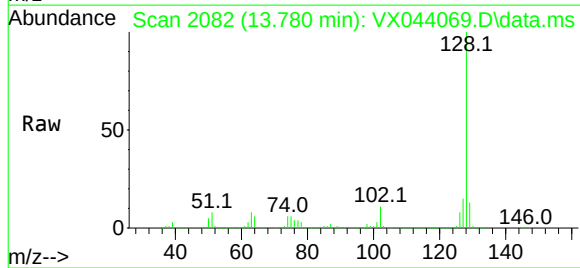
Acq: 02 Dec 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-1RE



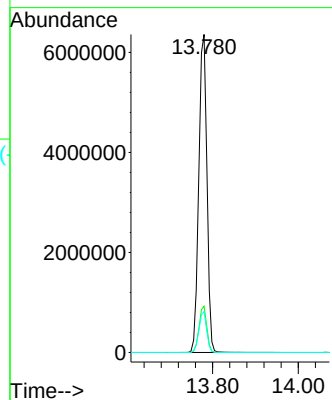
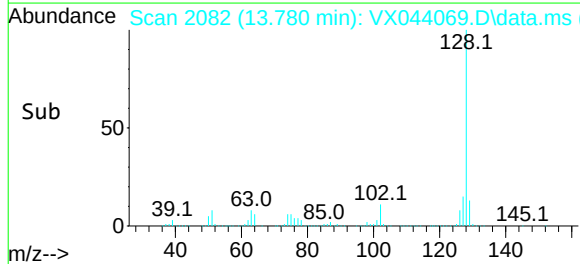
Tgt Ion:128 Resp: 8383068

Ion	Ratio	Lower	Upper

128	100		

127	14.0	10.2	15.2

129	12.2	8.6	12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-2	SDG No.:	P5001
Lab Sample ID:	P5001-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044032.D	1		11/27/24 11:59	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	9.80	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	2.60	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	23.6		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	56.6		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-2	SDG No.:	P5001
Lab Sample ID:	P5001-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044032.D	1		11/27/24 11:59	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	140		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	66.3		0.31	10.0	ug/L
95-47-6	o-Xylene	46.3		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	6.10		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.2		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	33.8	*	70 (75) - 130 (124)	68%	SPK: 50
2037-26-5	Toluene-d8	49.4		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	123000	5.543			
540-36-3	1,4-Difluorobenzene	238000	6.757			
3114-55-4	Chlorobenzene-d5	208000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	98100	12.024			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/25/24	
Client Sample ID:	SPLP-C1-2		SDG No.:	P5001	
Lab Sample ID:	P5001-02		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044032.D	1		11/27/24 11:59	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044032.D
 Acq On : 27 Nov 2024 11:59
 Operator : JC/MD
 Sample : P5001-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C1-2

Quant Time: Nov 29 03:32:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	T. QIon	Response	Conc	Units	Dev(Min)

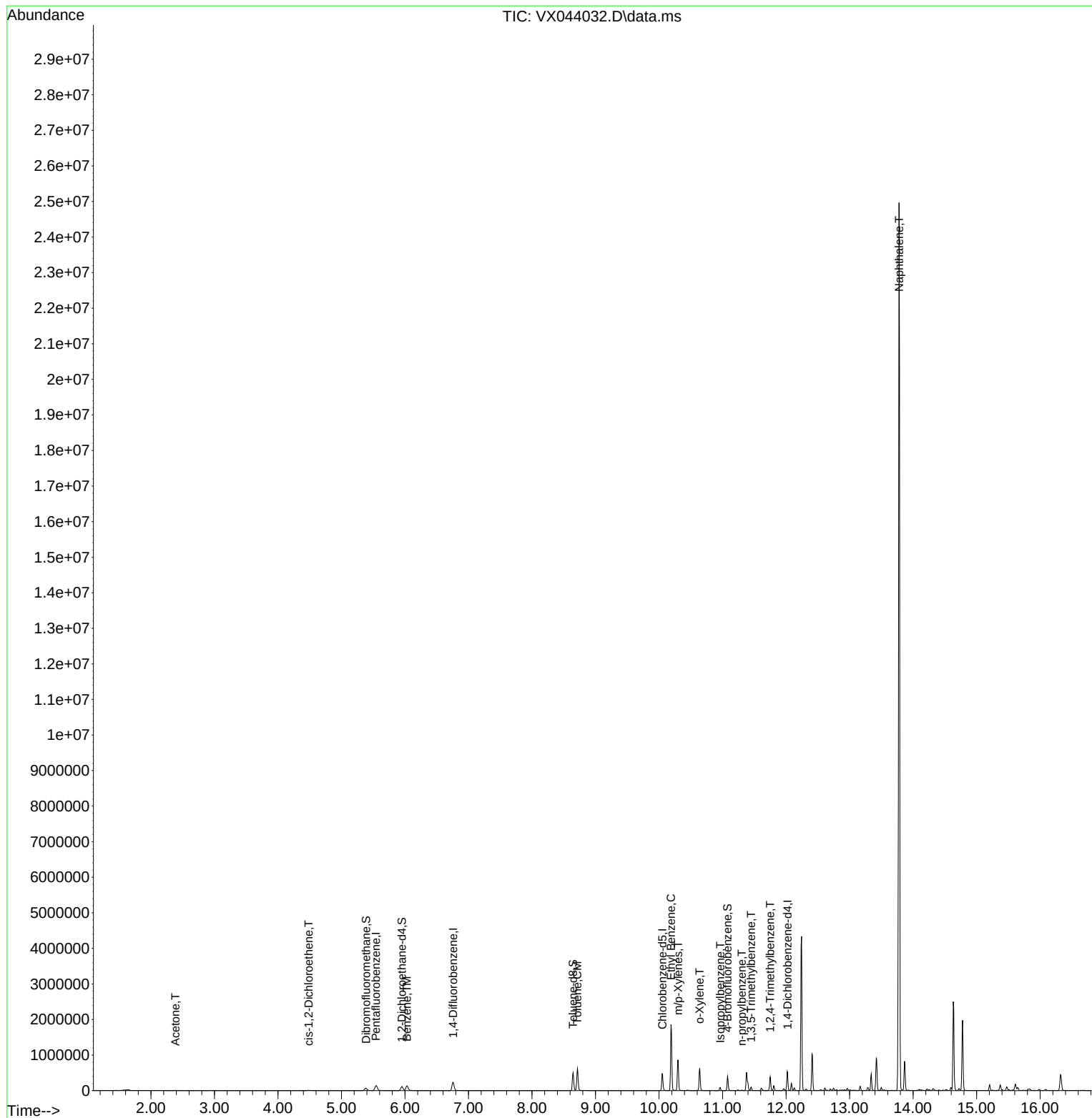
Internal Standards						
1) Pentafluorobenzene	5.543	168	123309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106185	50.207	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	100.420%	
35) Dibromofluoromethane	5.385	113	57505	33.802	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	67.600%#	
50) Toluene-d8	8.646	98	289748	49.409	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.820%	
62) 4-Bromofluorobenzene	11.079	95	100482	50.347	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	100.700%	
Target Compounds						Qvalue
16) Acetone	2.385	43	9563	9.845	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	4707	2.596	ug/l	87
40) Benzene	6.031	78	155986	23.622	ug/l	99
52) Toluene	8.713	92	223683	56.595	ug/l	99
67) Ethyl Benzene	10.189	91	1057886	136.516	ug/l	99
68) m/p-Xylenes	10.299	106	191715	66.341	ug/l	100
69) o-Xylene	10.640	106	130499	46.251	ug/l	100
73) Isopropylbenzene	10.963	105	45933	6.092	ug/l	100
78) n-propylbenzene	11.304	91	10304	1.224	ug/l #	53
80) 1,3,5-Trimethylbenzene	11.451	105	41534	6.696	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	154496	25.018	ug/l	99
95) Naphthalene	13.780	128	12258842	1747.332	ug/l #	91

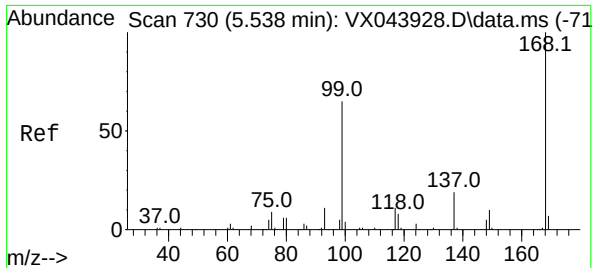
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044032.D
Acq On : 27 Nov 2024 11:59
Operator : JC/MD
Sample : P5001-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-2

Quant Time: Nov 29 03:32:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

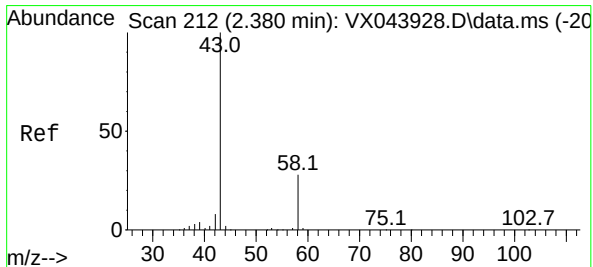
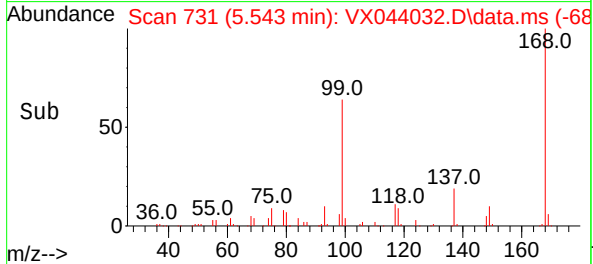
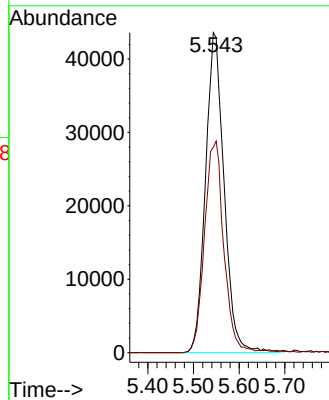
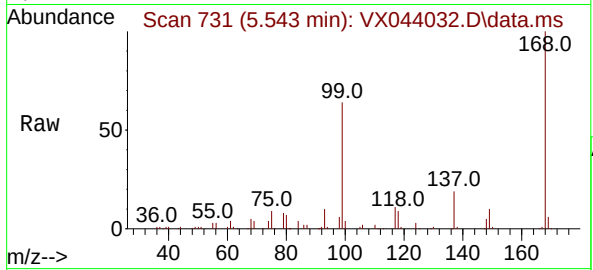




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX044032.D
Acq: 27 Nov 2024 11:59

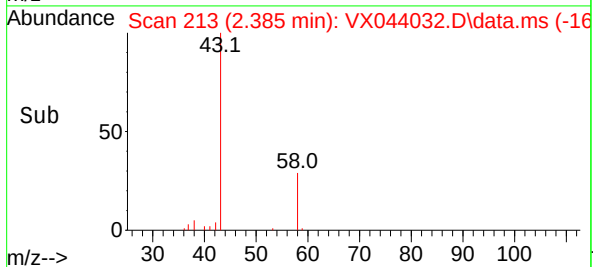
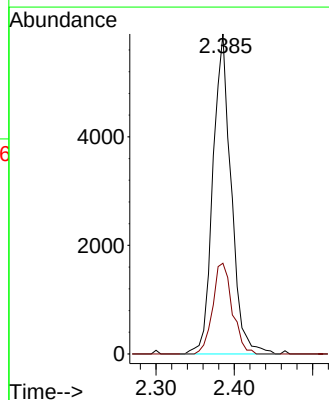
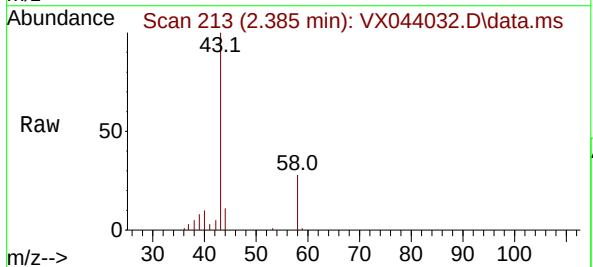
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-2

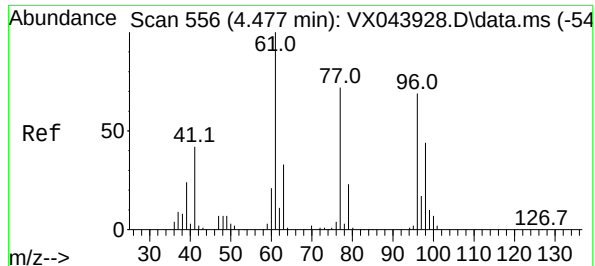
Tgt Ion:168 Resp: 123309
Ion Ratio Lower Upper
168 100
99 64.3 51.8 77.8



#16
Acetone
Concen: 9.845 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044032.D
Acq: 27 Nov 2024 11:59

Tgt Ion: 43 Resp: 9563
Ion Ratio Lower Upper
43 100
58 28.3 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 2.596 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-2

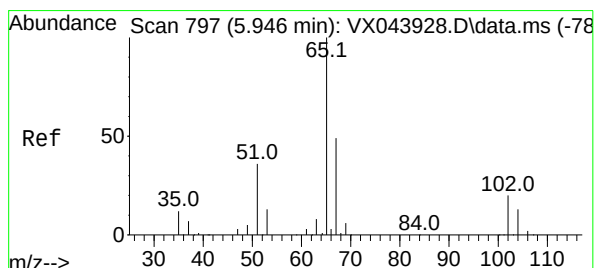
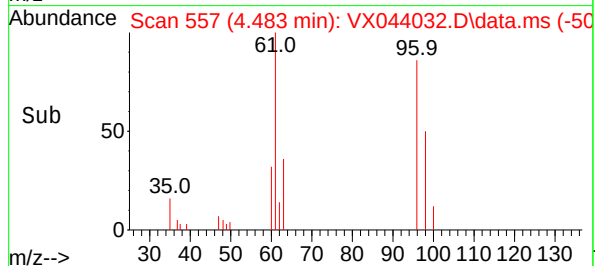
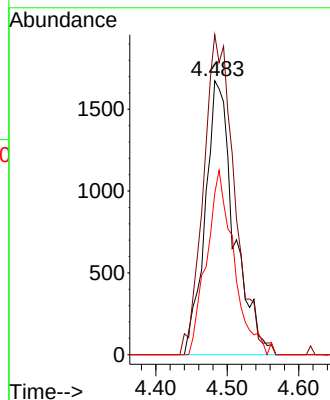
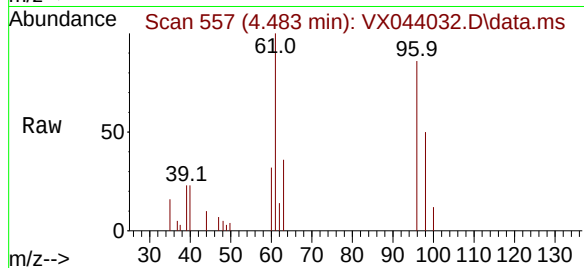
Tgt Ion: 96 Resp: 4707

Ion Ratio Lower Upper

96 100

61 125.2 0.0 297.4

98 63.5 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 50.207 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044032.D

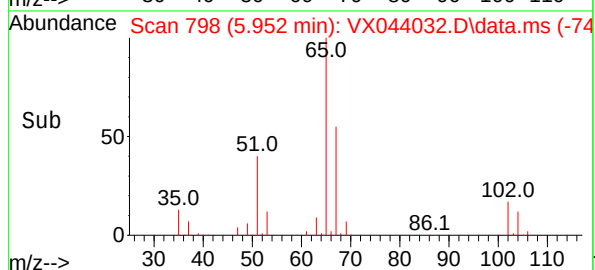
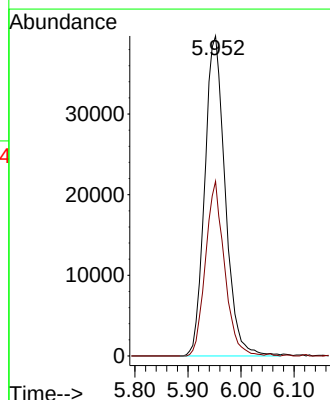
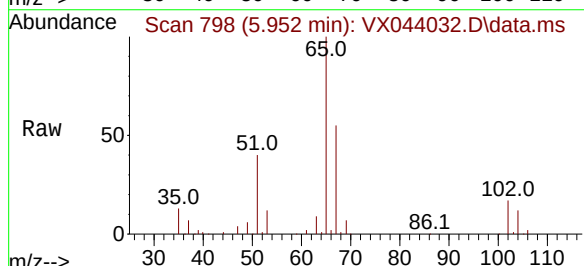
Acq: 27 Nov 2024 11:59

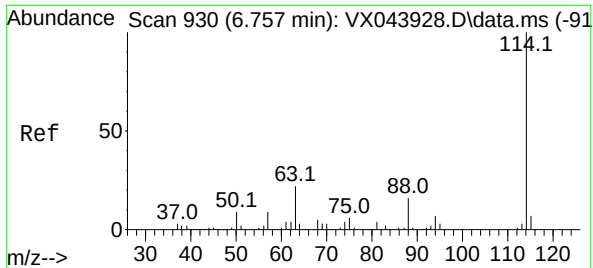
Tgt Ion: 65 Resp: 106185

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.001 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-2

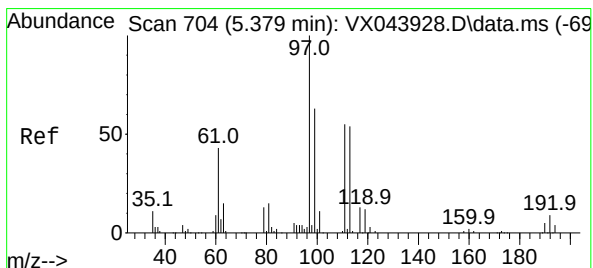
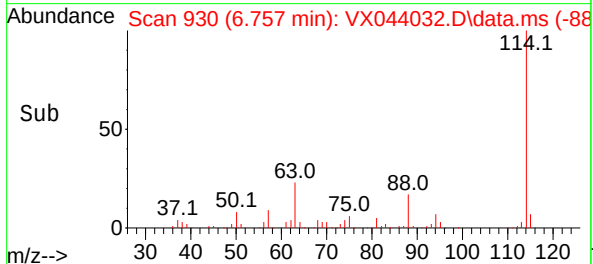
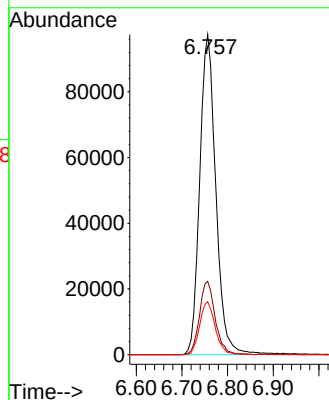
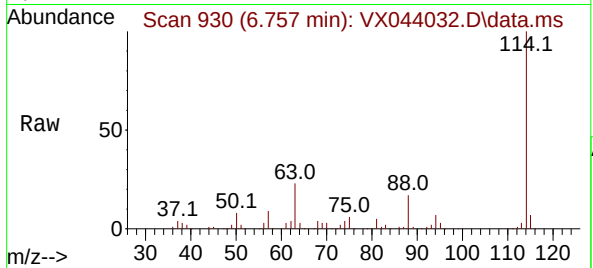
Tgt Ion:114 Resp: 238082

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.0

88 16.6 0.0 32.4



#35

Dibromofluoromethane

Concen: 33.802 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

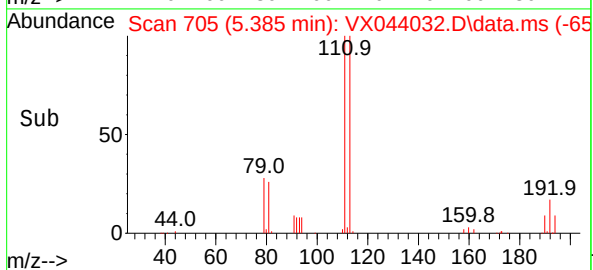
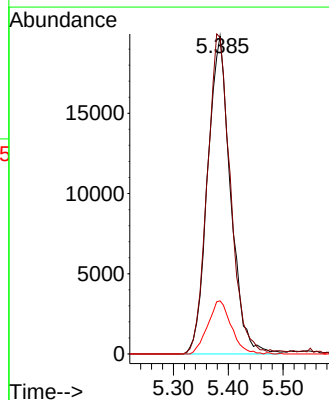
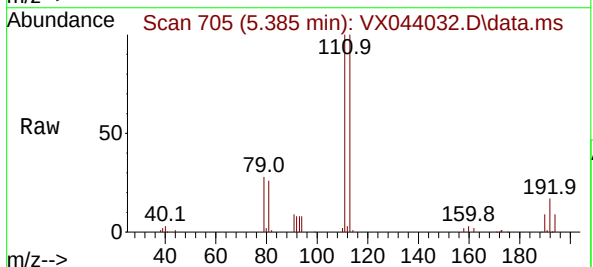
Tgt Ion:113 Resp: 57505

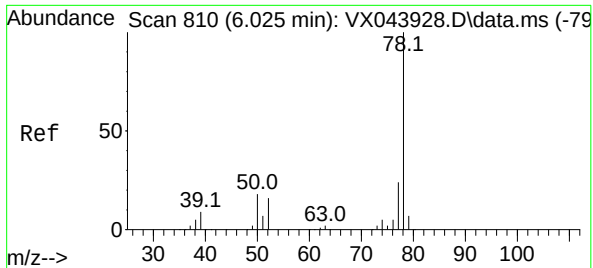
Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.4

192 17.1 13.0 19.6





#40

Benzene

Concen: 23.622 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

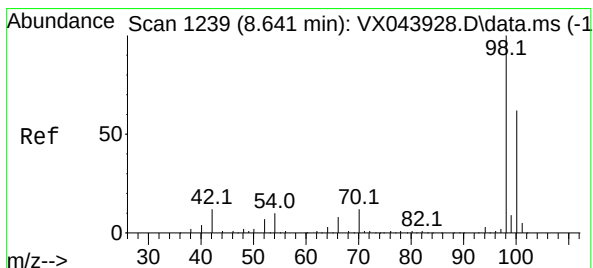
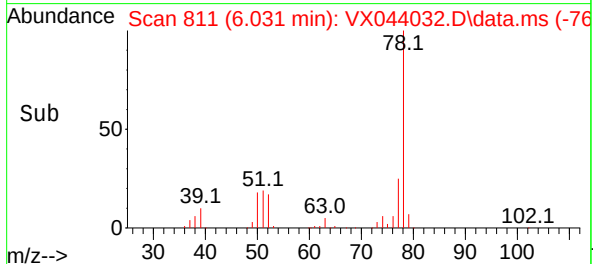
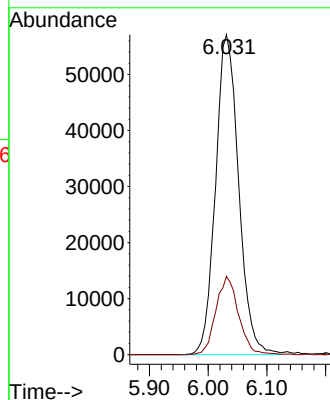
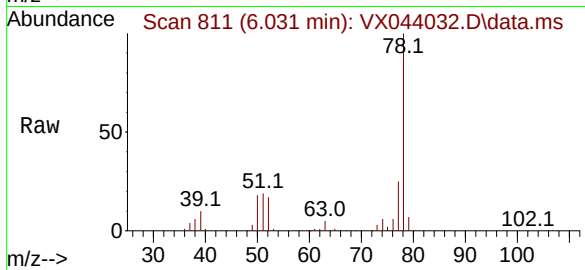
SPLP-C1-2

Tgt Ion: 78 Resp: 155986

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8



#50

Toluene-d8

Concen: 49.409 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044032.D

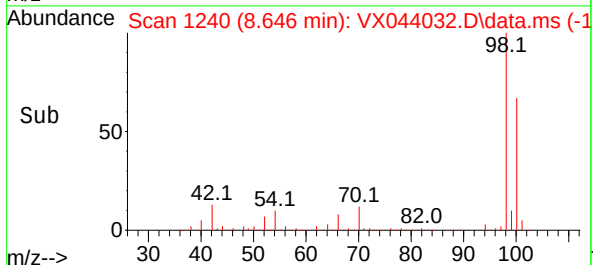
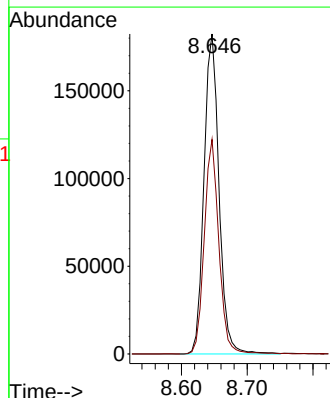
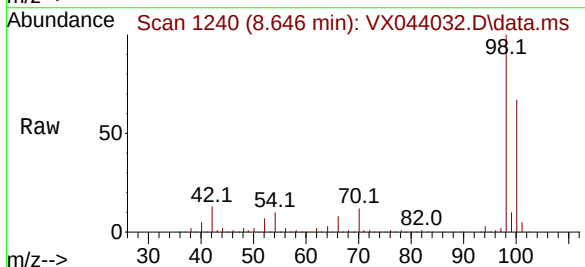
Acq: 27 Nov 2024 11:59

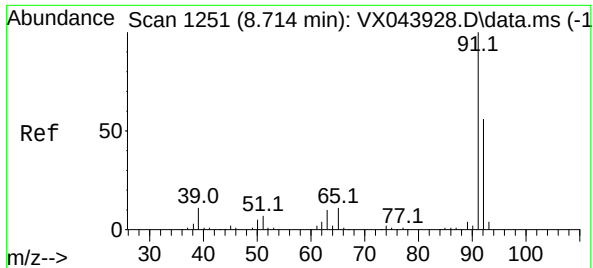
Tgt Ion: 98 Resp: 289748

Ion Ratio Lower Upper

98 100

100 65.1 52.6 79.0





#52

Toluene

Concen: 56.595 ug/l

RT: 8.713 min Scan# 1251

Delta R.T. -0.001 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

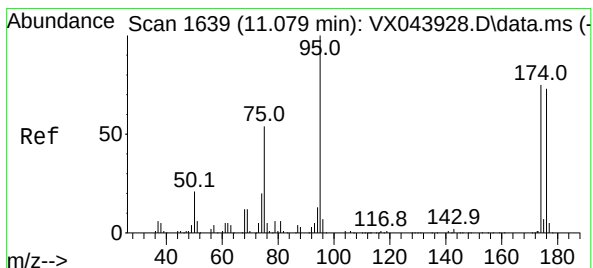
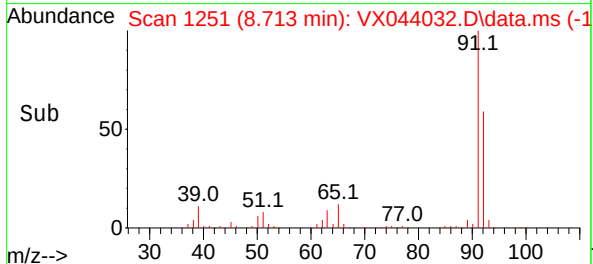
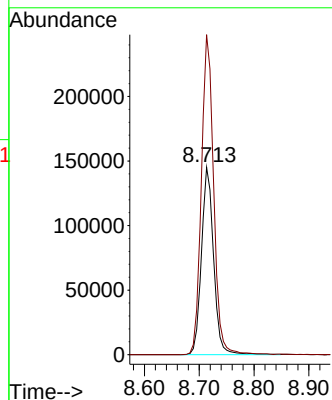
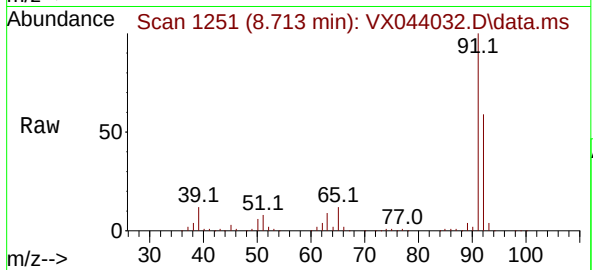
SPLP-C1-2

Tgt Ion: 92 Resp: 223683

Ion Ratio Lower Upper

92 100

91 172.8 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 50.347 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

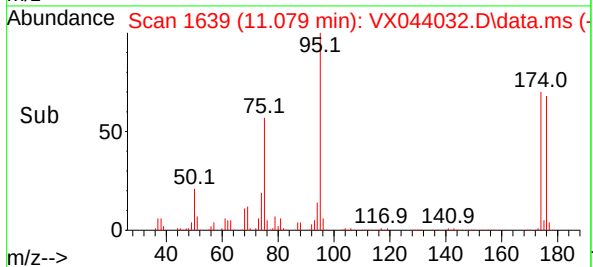
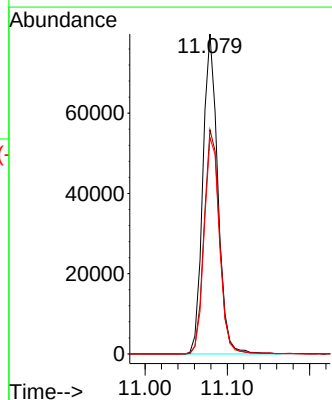
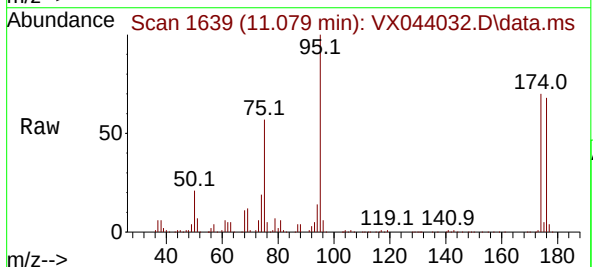
Tgt Ion: 95 Resp: 100482

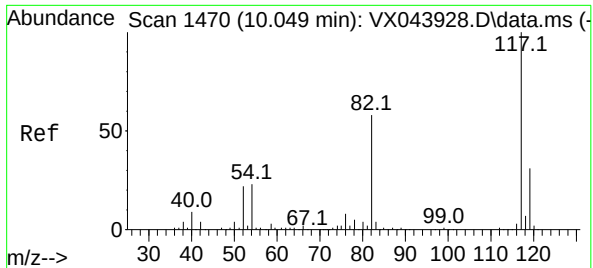
Ion Ratio Lower Upper

95 100

174 73.1 0.0 150.4

176 69.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-2

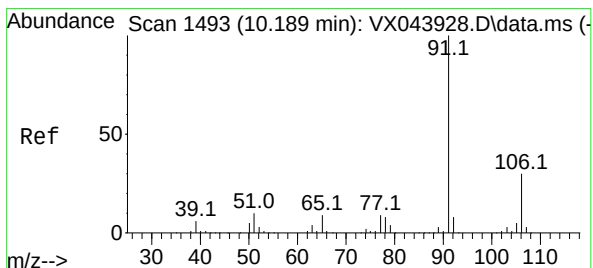
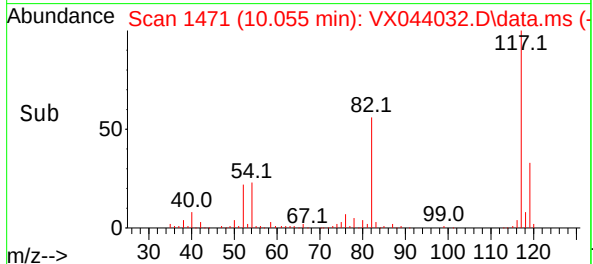
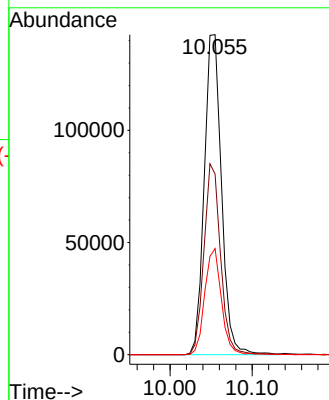
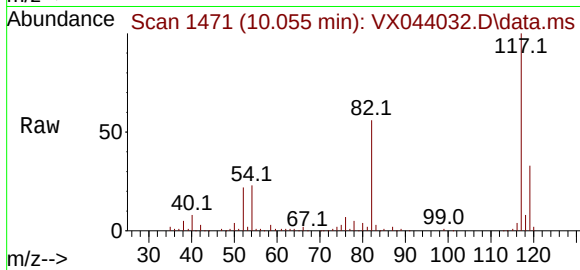
Tgt Ion:117 Resp: 208221

Ion Ratio Lower Upper

117 100

82 56.5 46.4 69.6

119 33.1 24.6 37.0



#67

Ethyl Benzene

Concen: 136.516 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.001 min

Lab File: VX044032.D

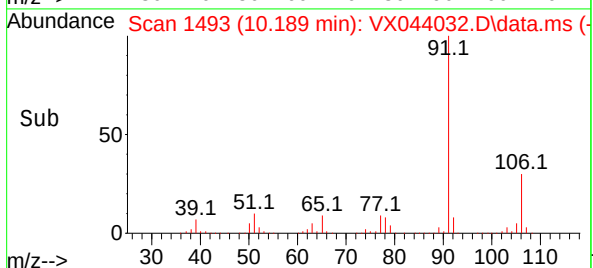
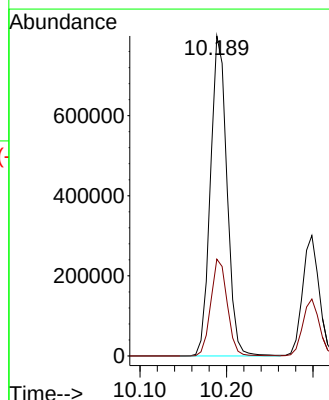
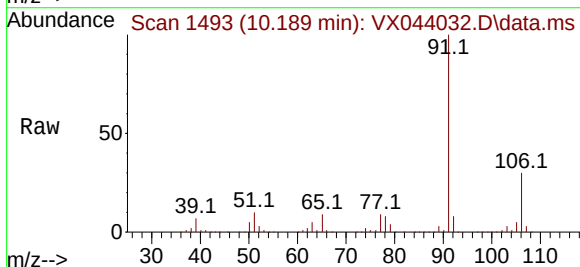
Acq: 27 Nov 2024 11:59

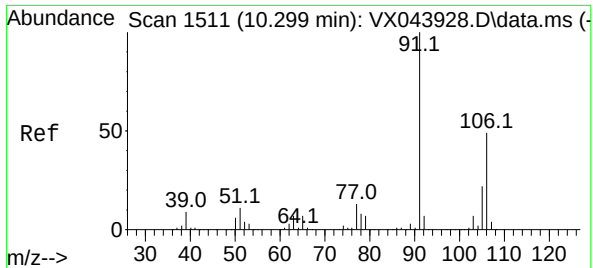
Tgt Ion: 91 Resp: 1057886

Ion Ratio Lower Upper

91 100

106 30.2 23.6 35.4





#68

m/p-Xylenes

Concen: 66.341 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.001 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

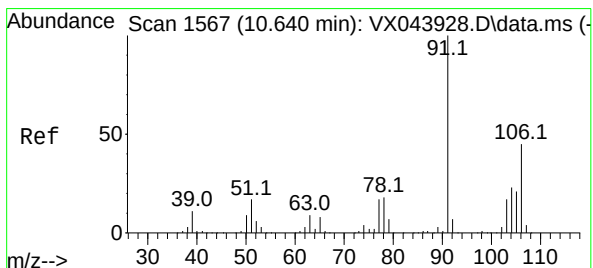
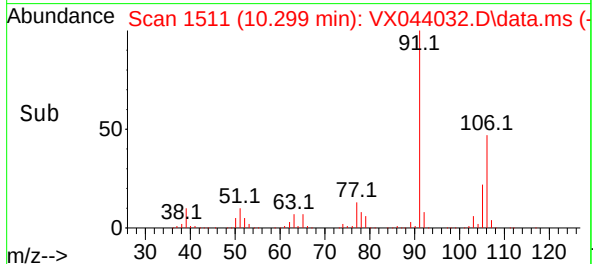
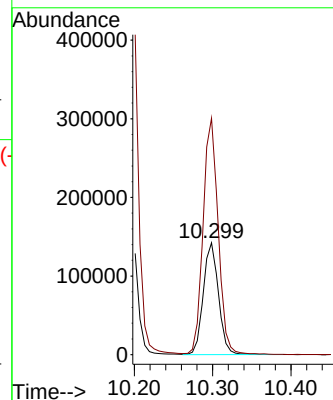
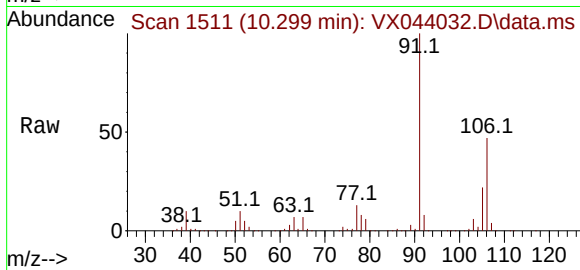
SPLP-C1-2

Tgt Ion:106 Resp: 191715

Ion Ratio Lower Upper

106 100

91 210.5 168.1 252.1



#69

o-Xylene

Concen: 46.251 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VX044032.D

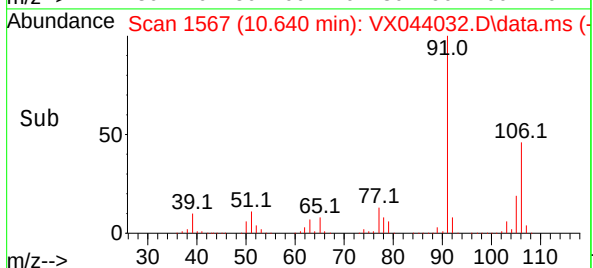
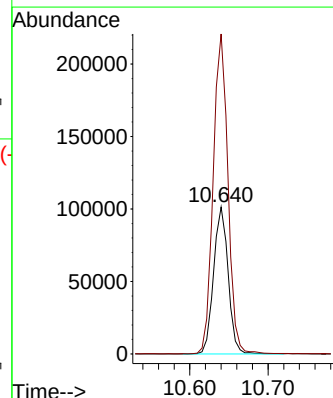
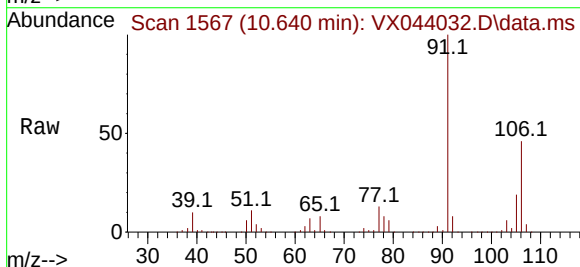
Acq: 27 Nov 2024 11:59

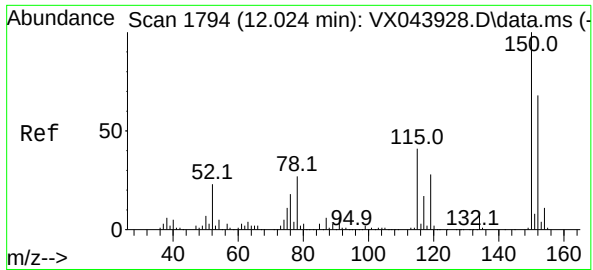
Tgt Ion:106 Resp: 130499

Ion Ratio Lower Upper

106 100

91 220.9 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-2

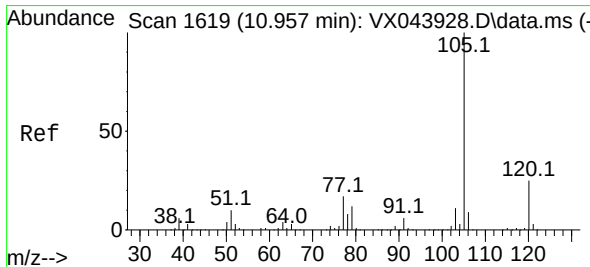
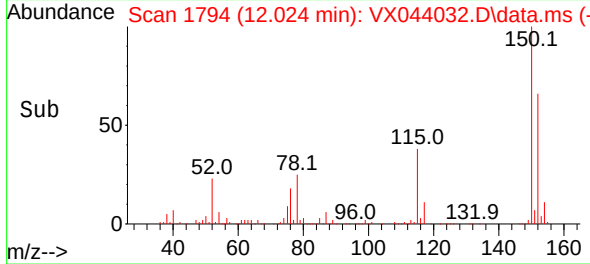
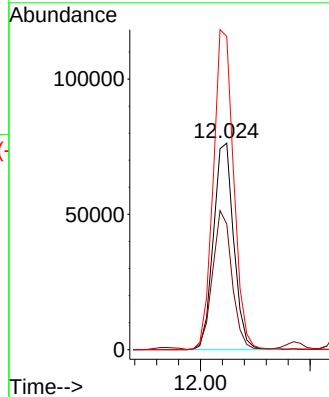
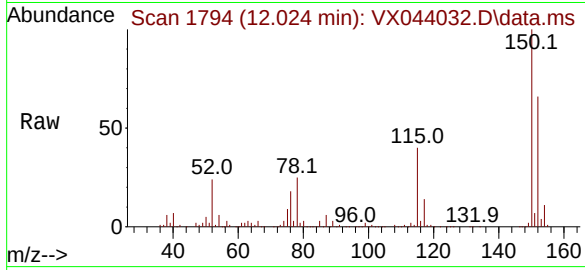
Tgt Ion:152 Resp: 98083

Ion Ratio Lower Upper

152 100

115 64.1 45.4 136.2

150 155.9 0.0 353.0



#73

Isopropylbenzene

Concen: 6.092 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044032.D

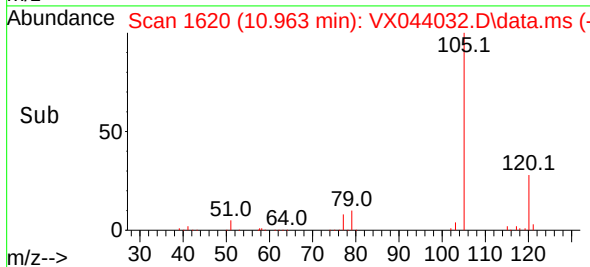
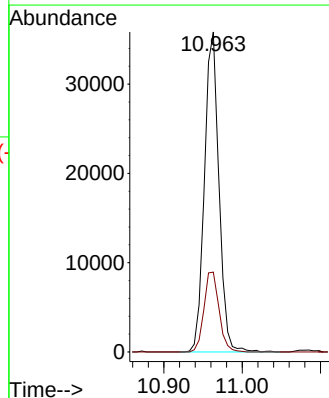
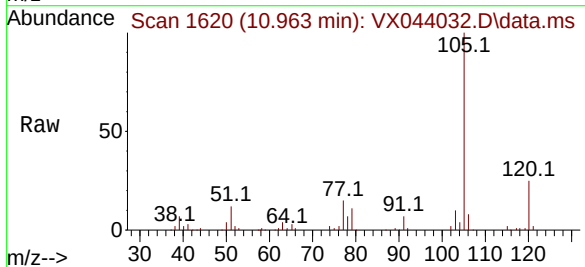
Acq: 27 Nov 2024 11:59

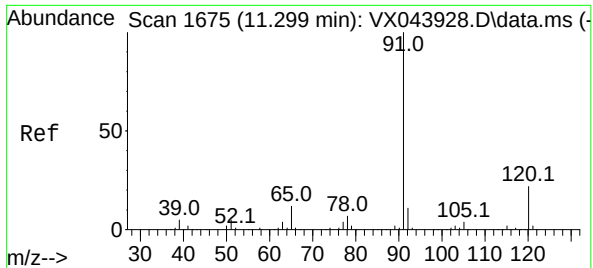
Tgt Ion:105 Resp: 45933

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9





#78

n-propylbenzene

Concen: 1.224 ug/l

RT: 11.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

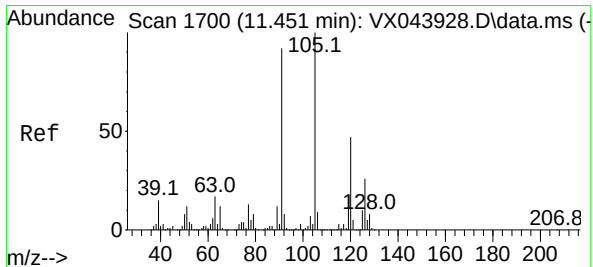
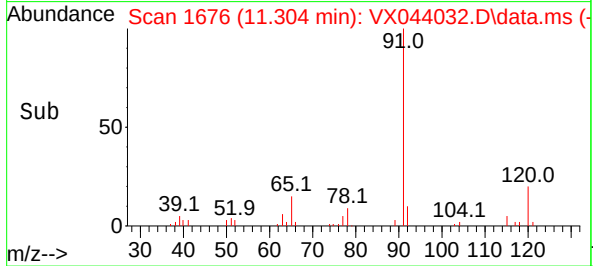
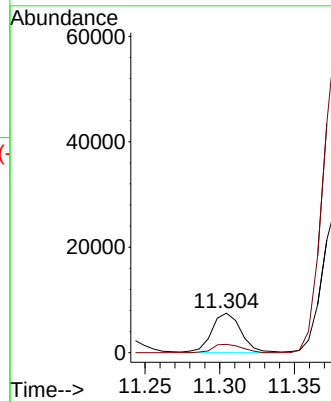
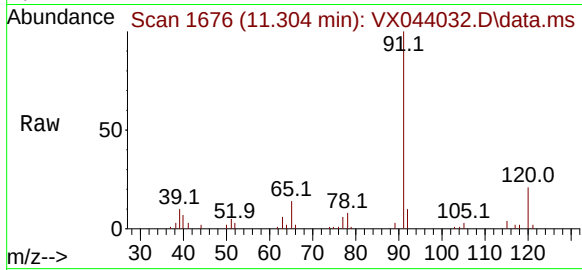
SPLP-C1-2

Tgt Ion: 91 Resp: 10304

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#80

1,3,5-Trimethylbenzene

Concen: 6.696 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044032.D

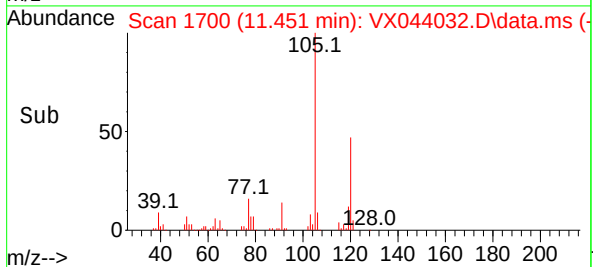
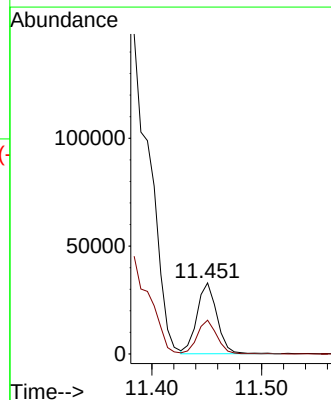
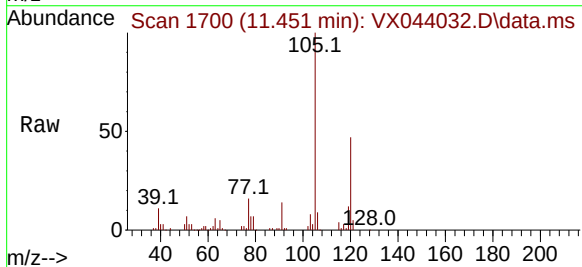
Acq: 27 Nov 2024 11:59

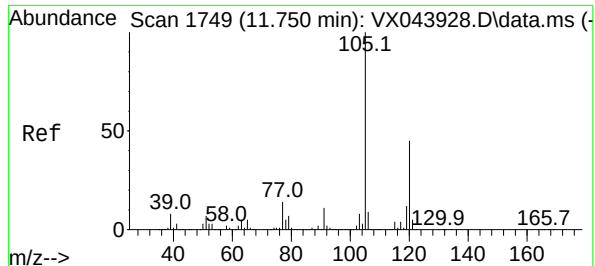
Tgt Ion:105 Resp: 41534

Ion Ratio Lower Upper

105 100

120 46.3 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 25.018 ug/l

RT: 11.750 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

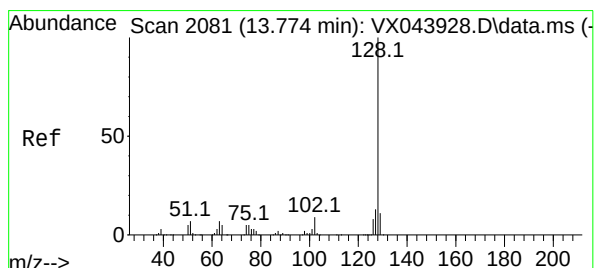
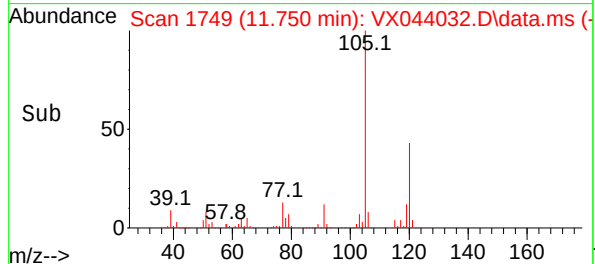
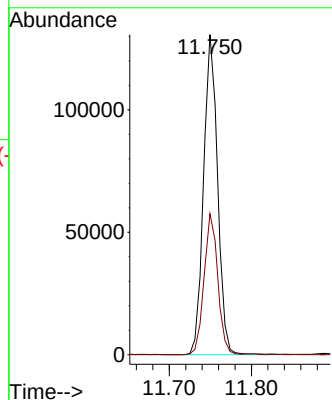
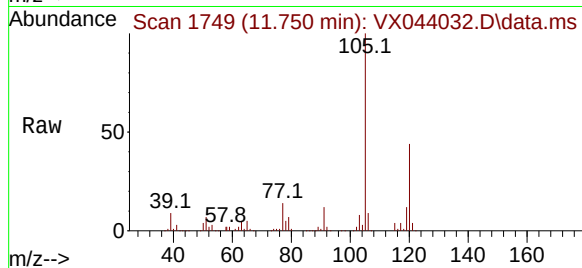
SPLP-C1-2

Tgt Ion:105 Resp: 154496

Ion Ratio Lower Upper

105 100

120 43.3 21.9 65.7



#95

Naphthalene

Concen: 1747.332 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

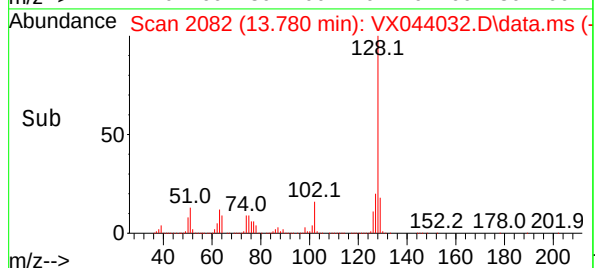
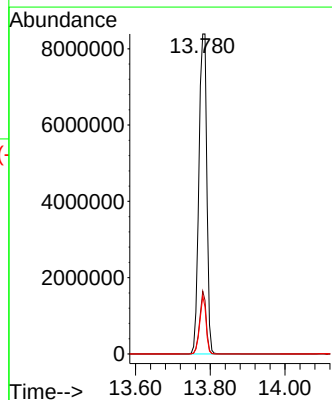
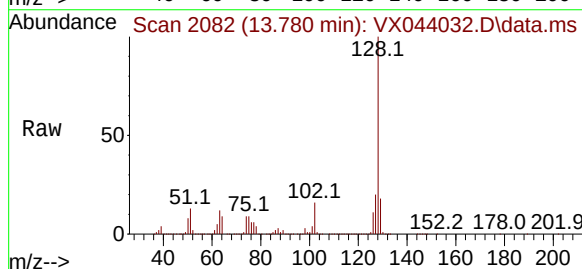
Tgt Ion:128 Resp:12258842

Ion Ratio Lower Upper

128 100

127 16.1 10.2 15.2#

129 14.3 8.6 12.8#



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-2RE	SDG No.:	P5001
Lab Sample ID:	P5001-02RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044070.D	1		12/02/24 16:47	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	10.2	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	2.80	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	24.3		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	57.6		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-2RE	SDG No.:	P5001
Lab Sample ID:	P5001-02RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044070.D	1		12/02/24 16:47	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	130		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	64.5		0.31	10.0	ug/L
95-47-6	o-Xylene	45.4		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	6.30		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	33.7	*	70 (75) - 130 (124)	67%	SPK: 50
2037-26-5	Toluene-d8	50.4		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	120000	5.543			
540-36-3	1,4-Difluorobenzene	236000	6.757			
3114-55-4	Chlorobenzene-d5	212000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	96600	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-2RE	SDG No.:	P5001
Lab Sample ID:	P5001-02RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044070.D	1		12/02/24 16:47	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044070.D
 Acq On : 02 Dec 2024 16:47
 Operator : JC/MD
 Sample : P5001-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C1-2RE

Quant Time: Dec 03 00:23:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

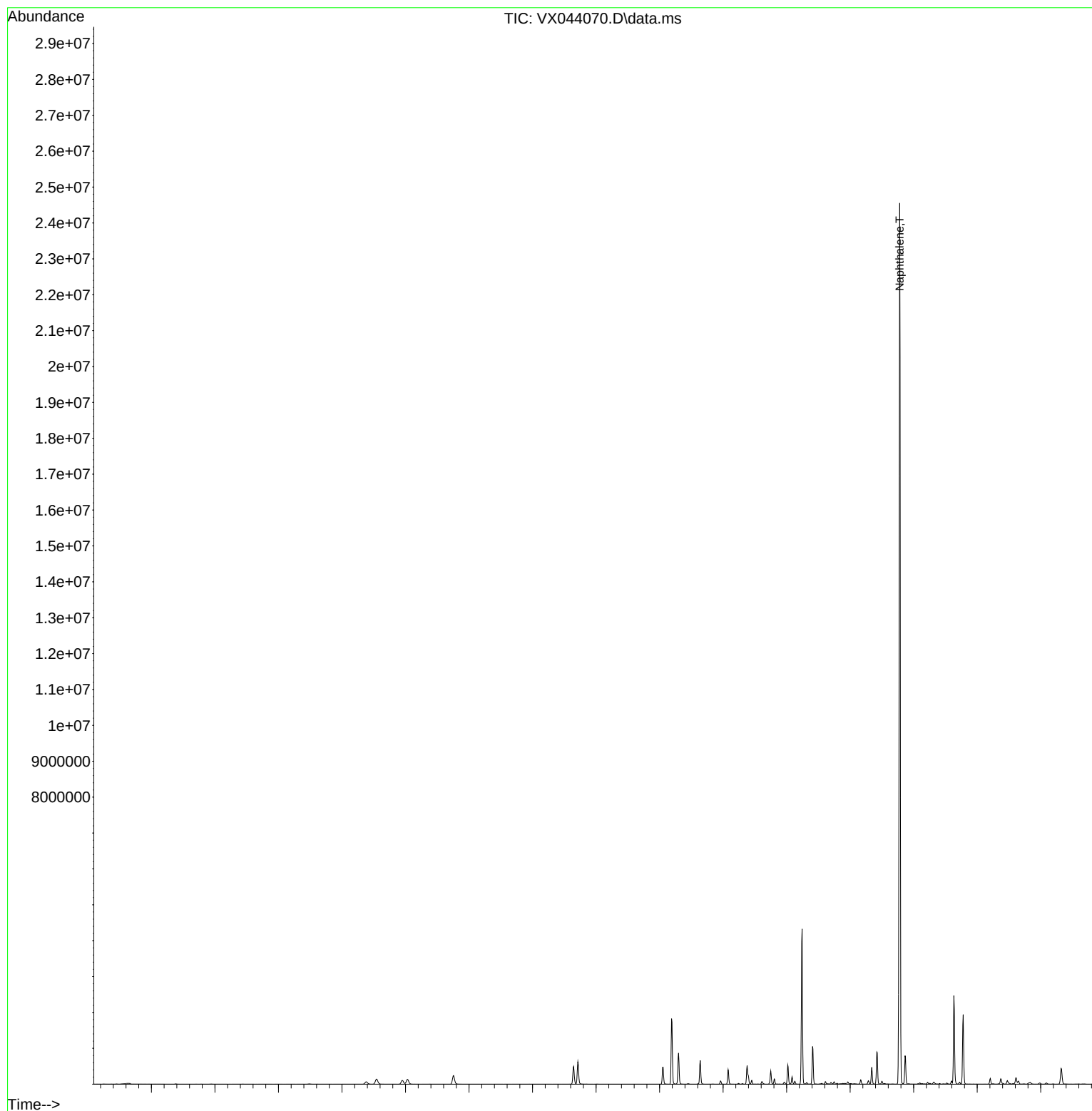
Internal Standards						
1) Pentafluorobenzene	5.543	168	119853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	235670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106814	51.960	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.920%			
35) Dibromofluoromethane	5.379	113	56815	33.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 67.480%#			
50) Toluene-d8	8.646	98	292627	50.411	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.820%			
62) 4-Bromofluorobenzene	11.079	95	102008	51.635	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.280%			
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	9603	10.171	ug/l #	89
27) cis-1,2-Dichloroethene	4.489	96	4916	2.789	ug/l	89
40) Benzene	6.031	78	158872	24.305	ug/l	98
52) Toluene	8.713	92	225458	57.628	ug/l	100
67) Ethyl Benzene	10.189	91	1061982	134.436	ug/l	99
68) m/p-Xylenes	10.299	106	189863	64.450	ug/l	98
69) o-Xylene	10.640	106	130517	45.377	ug/l	95
73) Isopropylbenzene	10.963	105	46835	6.309	ug/l	98
78) n-propylbenzene	11.304	91	10194	1.230	ug/l #	53
80) 1,3,5-Trimethylbenzene	11.451	105	42016	6.879	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	155368	25.552	ug/l	98
95) Naphthalene	13.780	128	12096197	1751.089	ug/l #	91

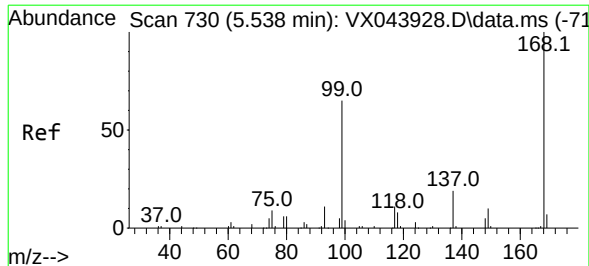
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044070.D
Acq On : 02 Dec 2024 16:47
Operator : JC/MD
Sample : P5001-02RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-2RE

Quant Time: Dec 03 00:23:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.543 min Scan# 73

Delta R.T. 0.005 min

Lab File: VX044070.D

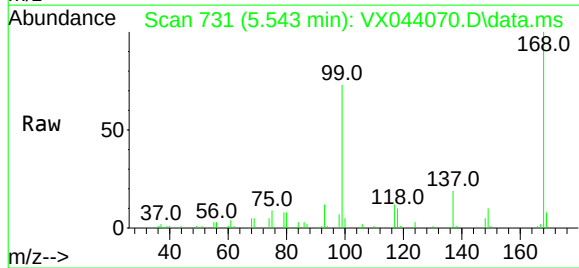
Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-2RE

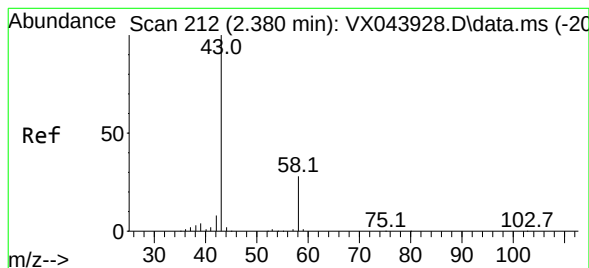
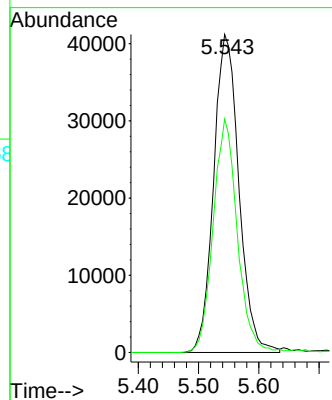
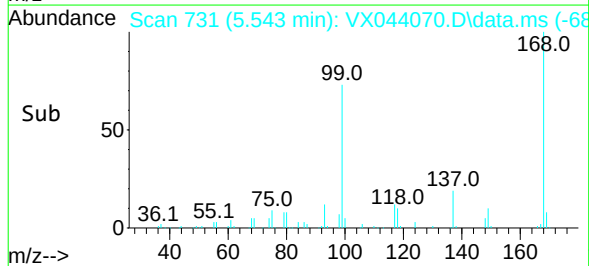


Tgt Ion:168 Resp: 119853

Ion Ratio Lower Upper

168 100

99 73.4 51.8 77.8



#16

Acetone

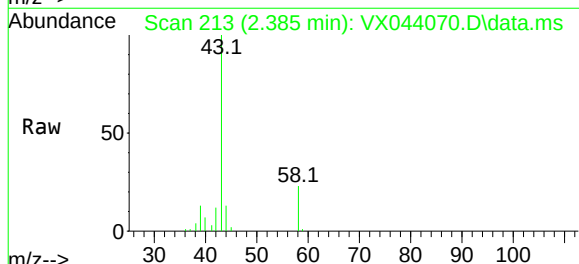
Concen: 10.171 ug/l

RT: 2.385 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

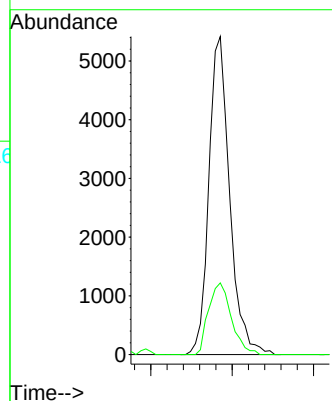
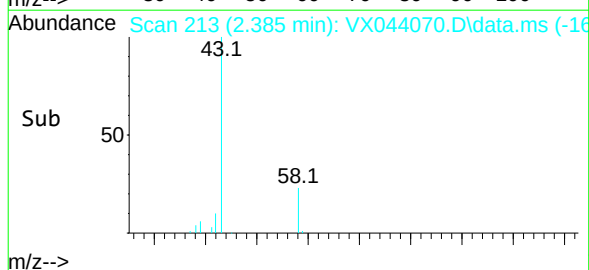


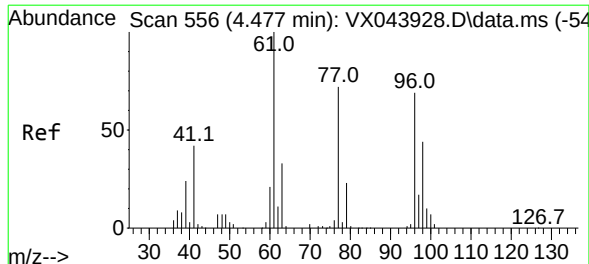
Tgt Ion: 43 Resp: 9603

Ion Ratio Lower Upper

43 100

58 22.5 22.7 34.1#





#27

cis-1,2-Dichloroethene

Concen: 2.789 ug/l

RT: 4.489 min Scan# 55

Delta R.T. 0.012 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-2RE

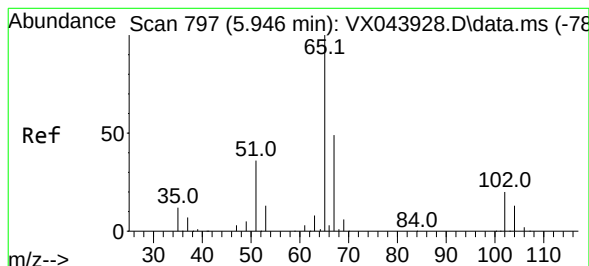
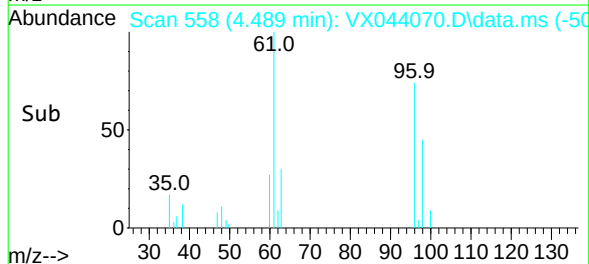
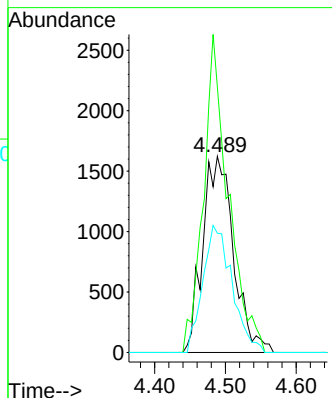
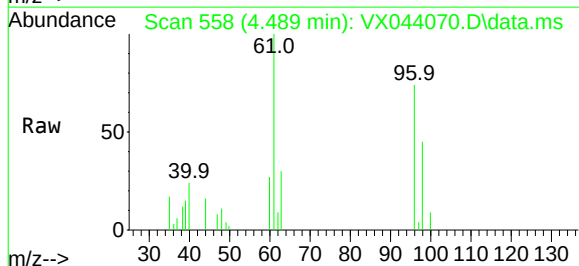
Tgt Ion: 96 Resp: 4916

Ion Ratio Lower Upper

96 100

61 130.5 0.0 297.4

98 61.3 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 51.960 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044070.D

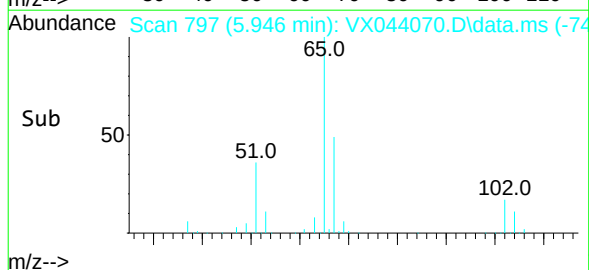
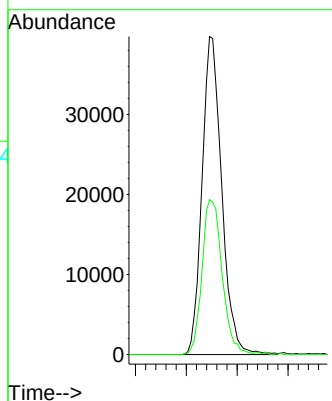
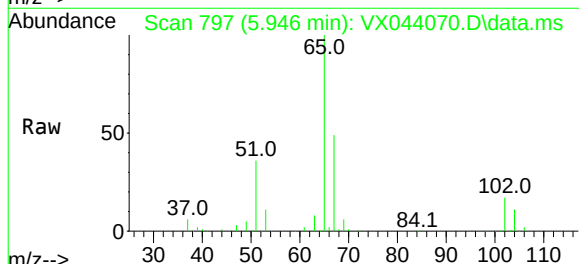
Acq: 02 Dec 2024 16:47

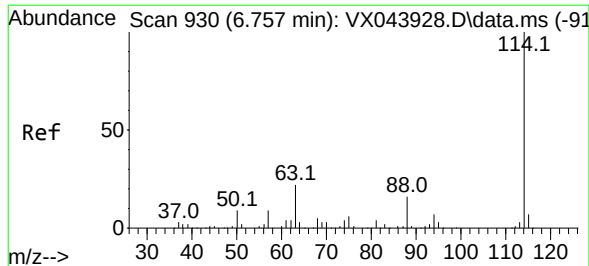
Tgt Ion: 65 Resp: 106814

Ion Ratio Lower Upper

65 100

67 49.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.001 min

Lab File: VX044070.D

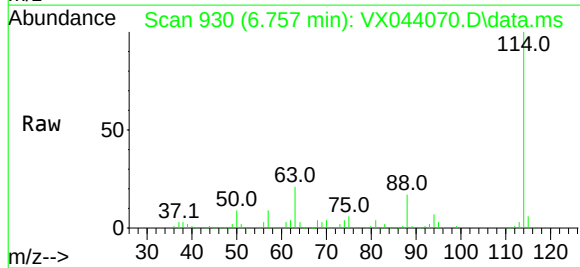
Acq: 02 Dec 2024 16:47

Instrument :

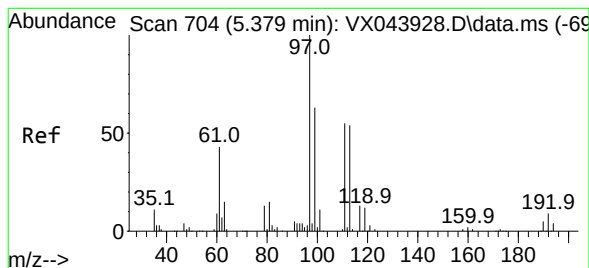
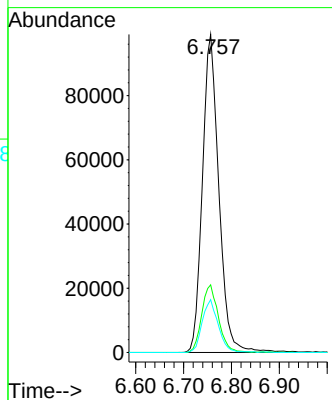
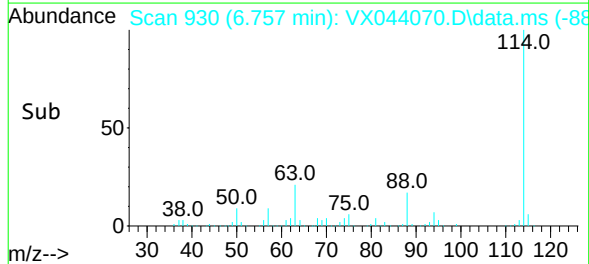
MSVOA_X

ClientSampleId :

SPLP-C1-2RE



Tgt Ion:	114	Resp:	235670
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.0
88	16.6	0.0	32.4



#35

Dibromofluoromethane

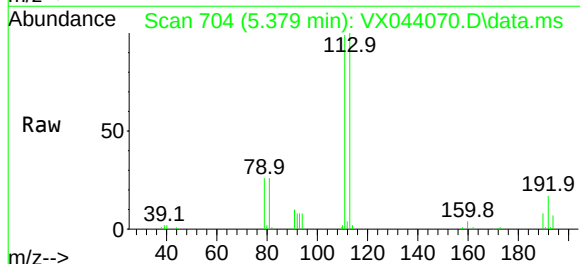
Concen: 33.738 ug/l

RT: 5.379 min Scan# 704

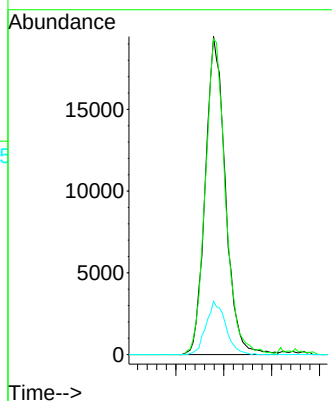
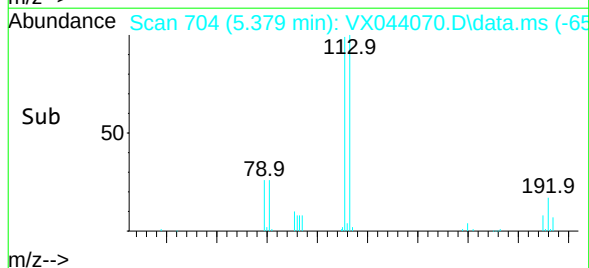
Delta R.T. -0.000 min

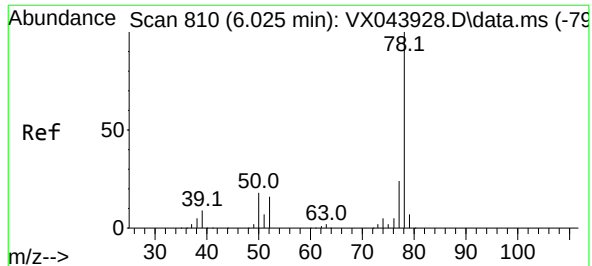
Lab File: VX044070.D

Acq: 02 Dec 2024 16:47



Tgt Ion:	113	Resp:	56815
Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.0	121.4
192	16.3	13.0	19.6





#40

Benzene

Concen: 24.305 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

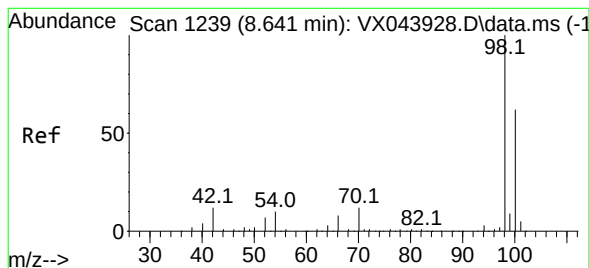
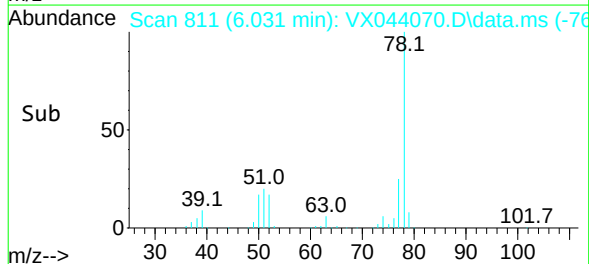
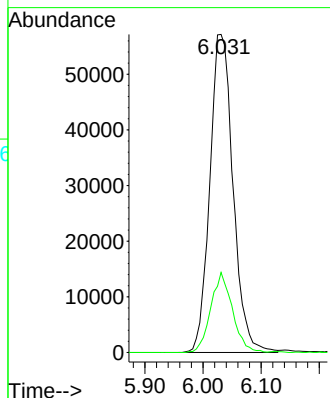
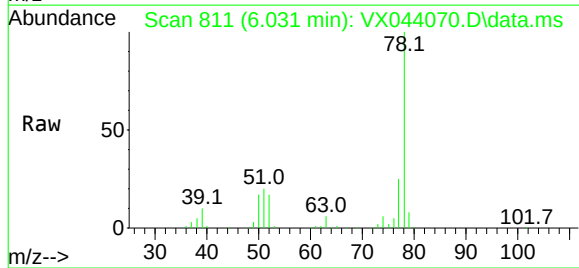
SPLP-C1-2RE

Tgt Ion: 78 Resp: 158872

Ion Ratio Lower Upper

78 100

77 25.2 19.2 28.8



#50

Toluene-d8

Concen: 50.411 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044070.D

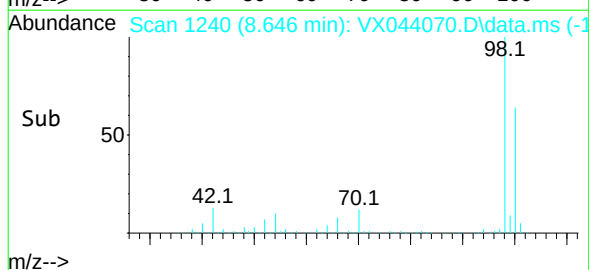
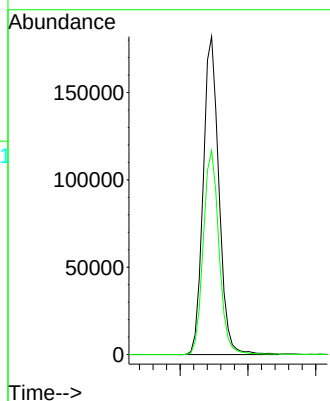
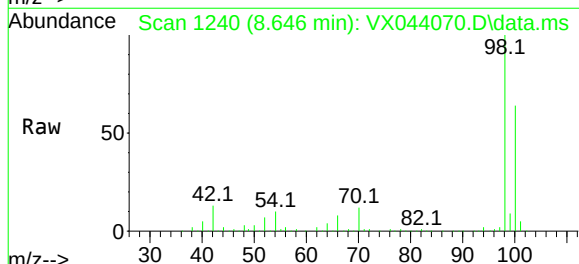
Acq: 02 Dec 2024 16:47

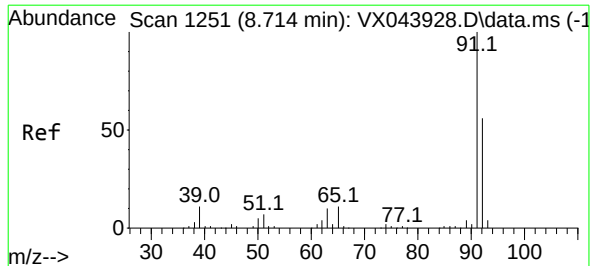
Tgt Ion: 98 Resp: 292627

Ion Ratio Lower Upper

98 100

100 64.4 52.6 79.0





#52

Toluene

Concen: 57.628 ug/l

RT: 8.713 min Scan# 1251

Delta R.T. -0.001 min

Lab File: VX044070.D

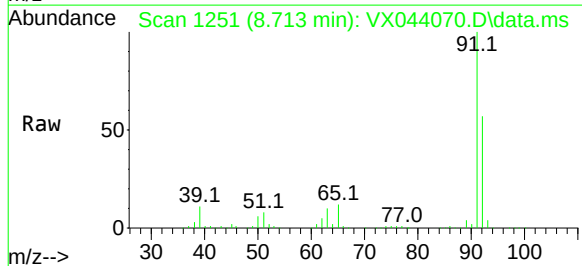
Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-2RE

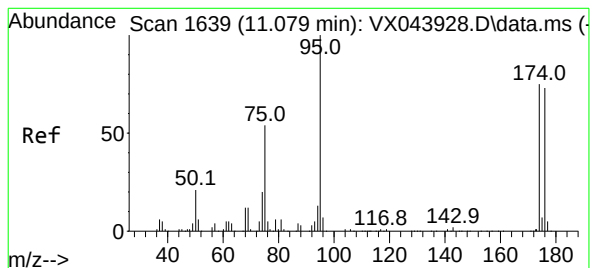
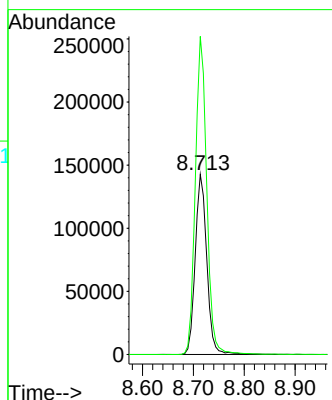


Tgt Ion: 92 Resp: 225458

Ion Ratio Lower Upper

92 100

91 174.1 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 51.635 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

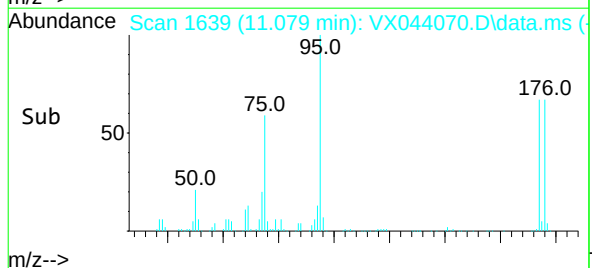
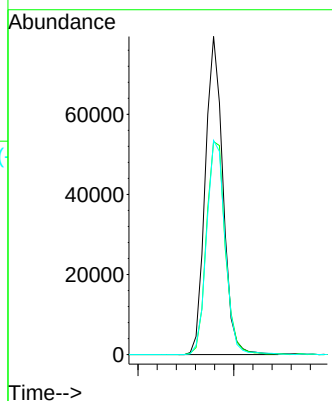
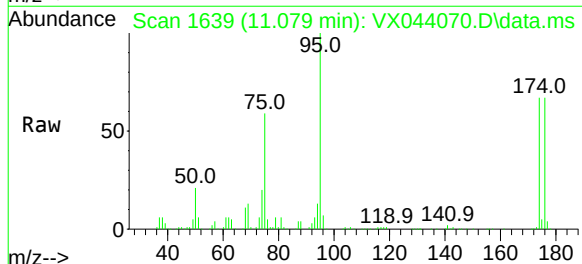
Tgt Ion: 95 Resp: 102008

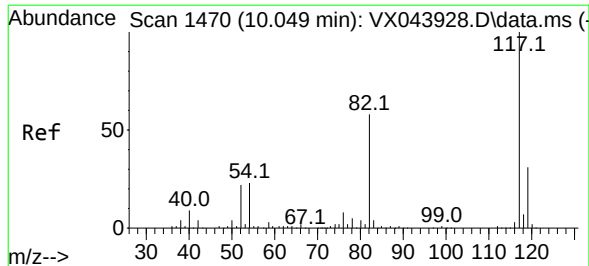
Ion Ratio Lower Upper

95 100

174 71.4 0.0 150.4

176 70.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044070.D

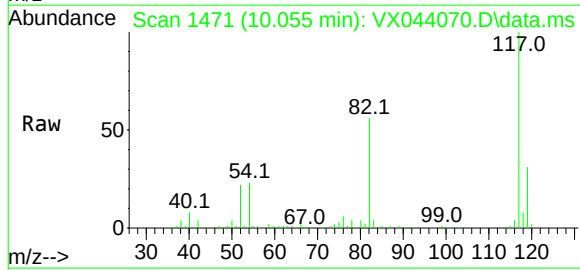
Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-2RE



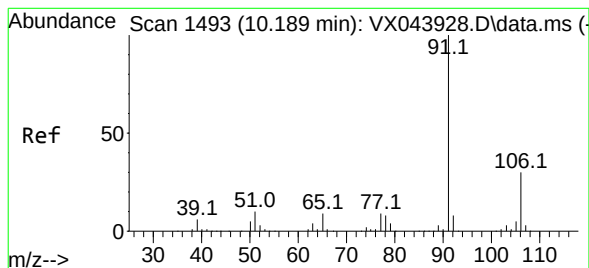
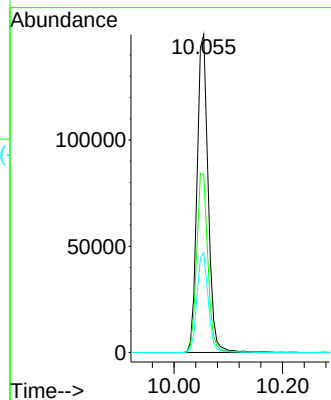
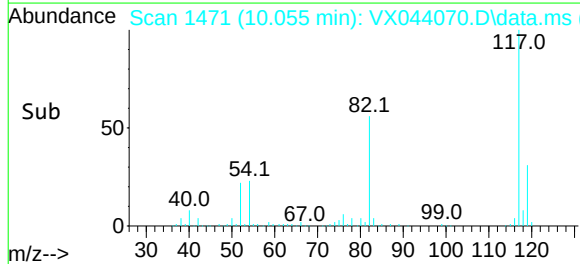
Tgt Ion:117 Resp: 212261

Ion Ratio Lower Upper

117 100

82 55.8 46.4 69.6

119 31.4 24.6 37.0



#67

Ethyl Benzene

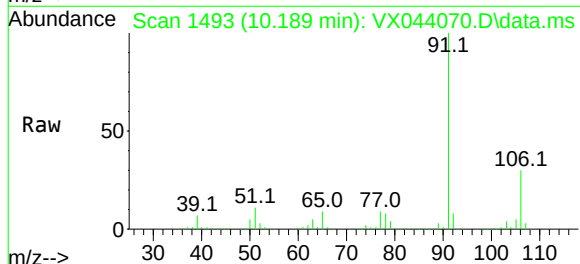
Concen: 134.436 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.001 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

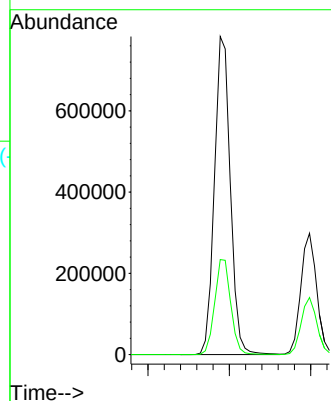
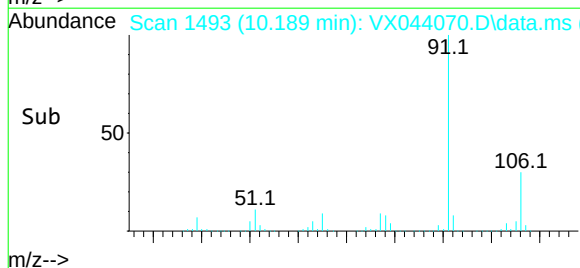


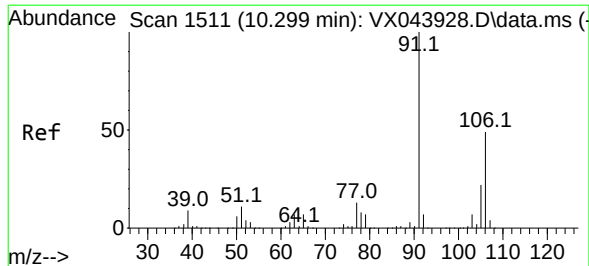
Tgt Ion: 91 Resp: 1061982

Ion Ratio Lower Upper

91 100

106 29.9 23.6 35.4





#68

m/p-Xylenes

Concen: 64.450 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.001 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

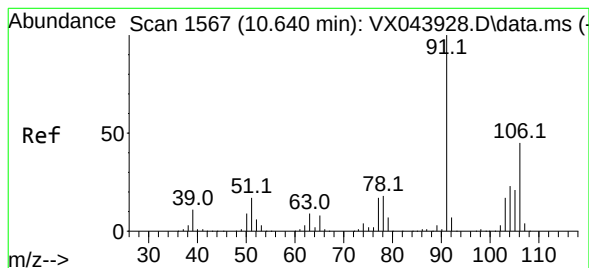
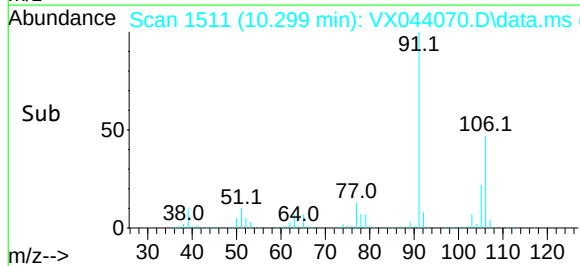
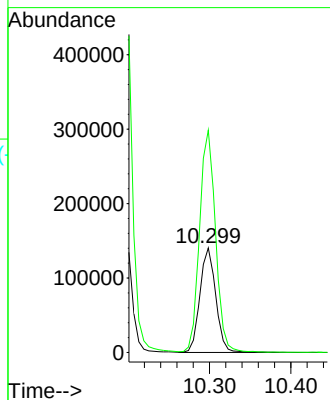
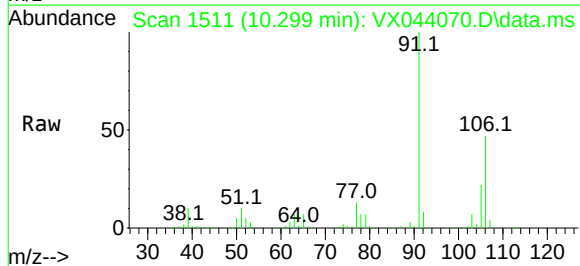
SPLP-C1-2RE

Tgt Ion:106 Resp: 189863

Ion Ratio Lower Upper

106 100

91 213.9 168.1 252.1



#69

o-Xylene

Concen: 45.377 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VX044070.D

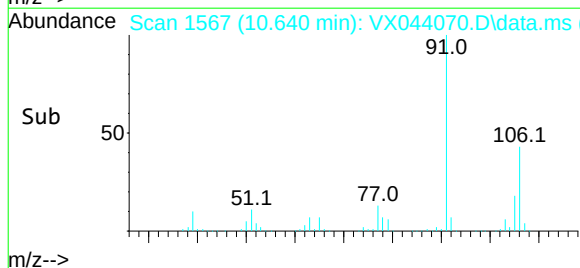
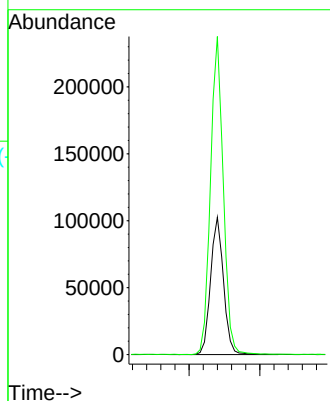
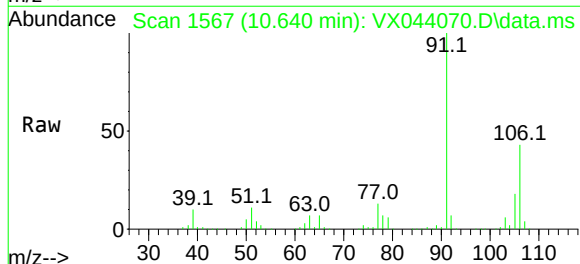
Acq: 02 Dec 2024 16:47

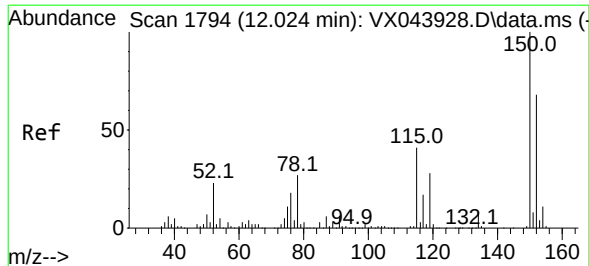
Tgt Ion:106 Resp: 130517

Ion Ratio Lower Upper

106 100

91 229.0 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.007 min

Lab File: VX044070.D

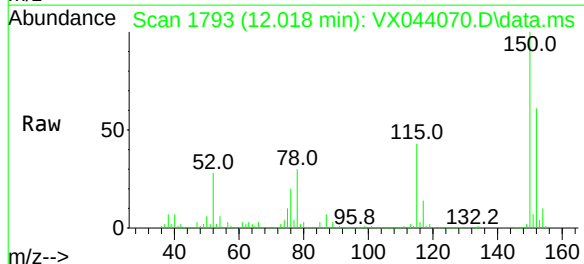
Acq: 02 Dec 2024 16:47

Instrument :

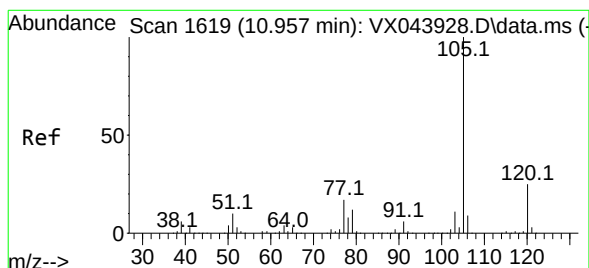
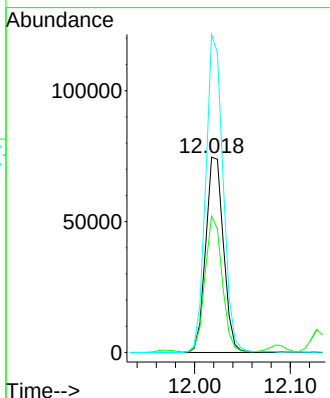
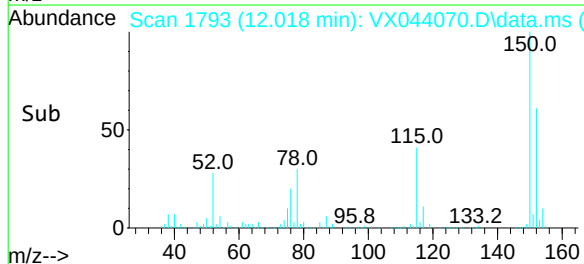
MSVOA_X

ClientSampleId :

SPLP-C1-2RE



Tgt Ion:	152	Resp:	96574
Ion	Ratio	Lower	Upper
152	100		
115	66.8	45.4	136.2
150	158.4	0.0	353.0



#73

Isopropylbenzene

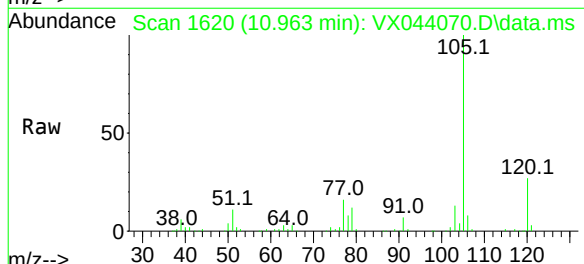
Concen: 6.309 ug/l

RT: 10.963 min Scan# 1620

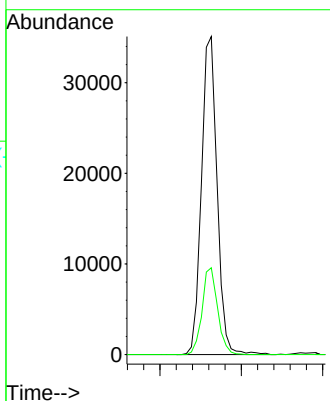
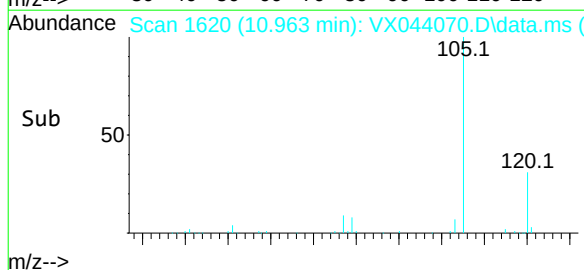
Delta R.T. 0.006 min

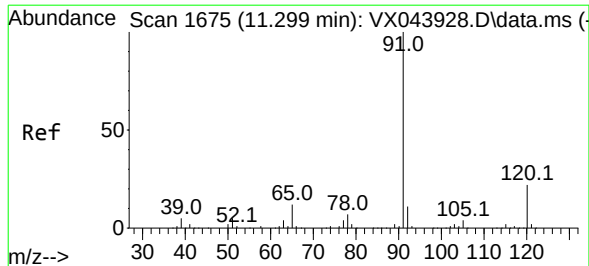
Lab File: VX044070.D

Acq: 02 Dec 2024 16:47



Tgt Ion:	105	Resp:	46835
Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.0	38.9





#78

n-propylbenzene

Concen: 1.230 ug/l

RT: 11.304 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

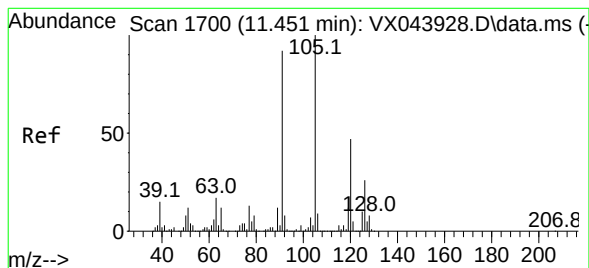
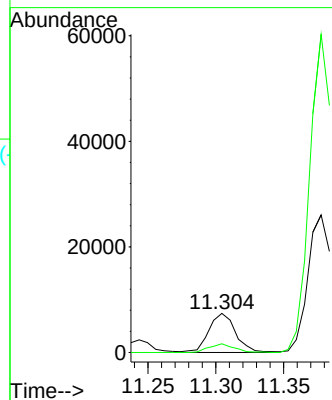
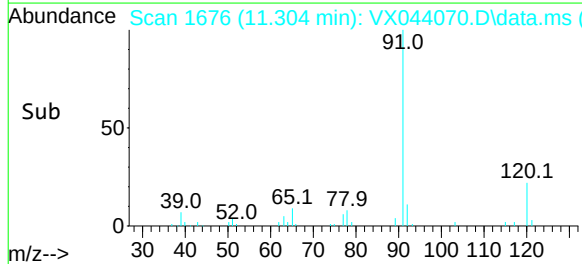
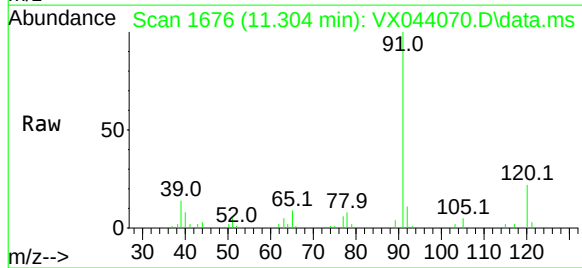
SPLP-C1-2RE

Tgt Ion: 91 Resp: 10194

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#80

1,3,5-Trimethylbenzene

Concen: 6.879 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044070.D

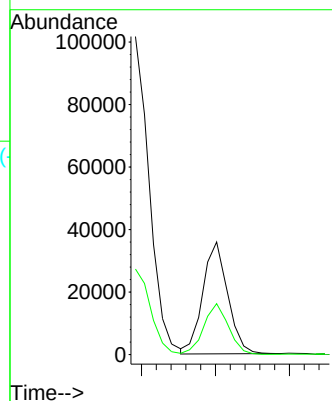
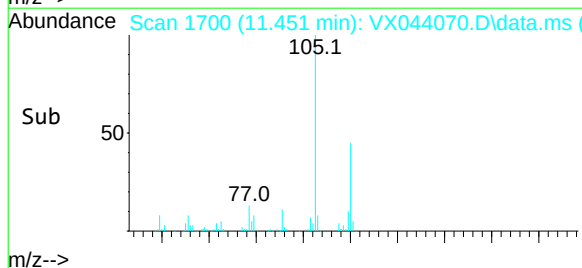
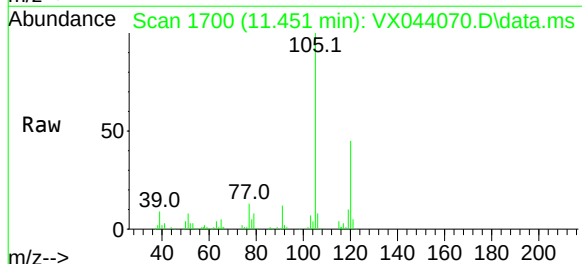
Acq: 02 Dec 2024 16:47

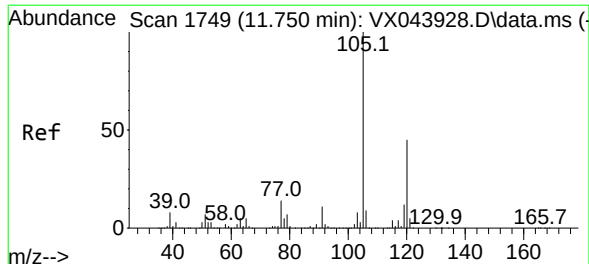
Tgt Ion:105 Resp: 42016

Ion Ratio Lower Upper

105 100

120 44.8 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 25.552 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.001 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

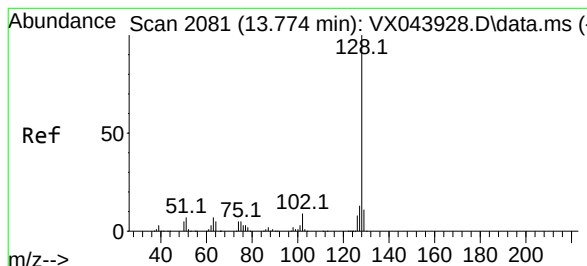
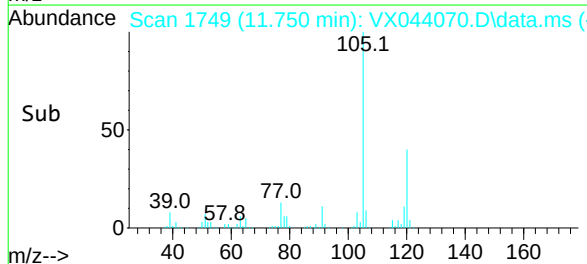
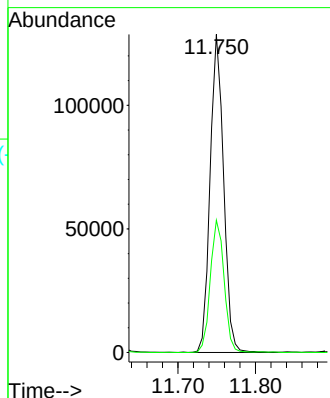
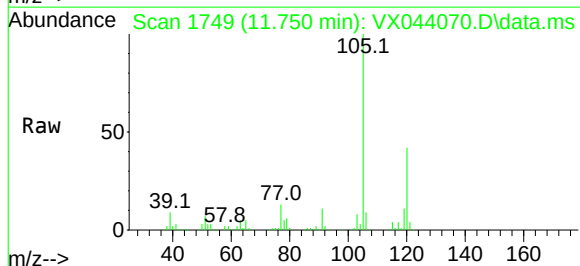
SPLP-C1-2RE

Tgt Ion:105 Resp: 155368

Ion Ratio Lower Upper

105 100

120 42.6 21.9 65.7



#95

Naphthalene

Concen: 1751.089 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

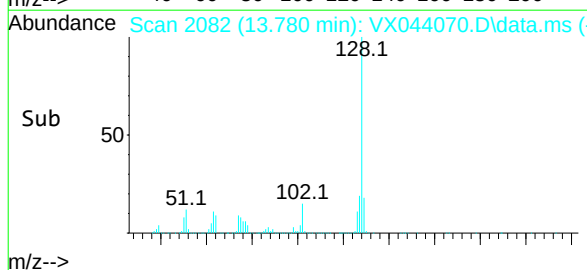
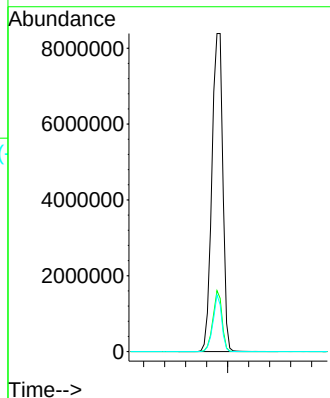
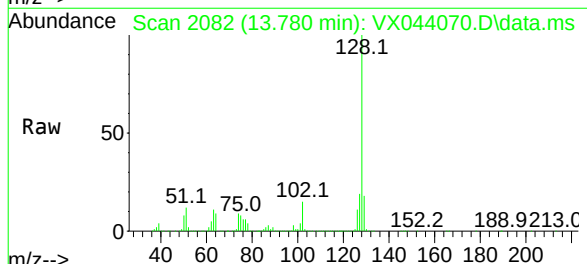
Tgt Ion:128 Resp:12096197

Ion Ratio Lower Upper

128 100

127 16.0 10.2 15.2#

129 14.2 8.6 12.8#



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-3	SDG No.:	P5001
Lab Sample ID:	P5001-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044033.D	1		11/27/24 12:22	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	10.3	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.10	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	10.3		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	41.7		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-3	SDG No.:	P5001
Lab Sample ID:	P5001-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044033.D	1		11/27/24 12:22	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	130		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	62.6		0.31	10.0	ug/L
95-47-6	o-Xylene	43.6		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	6.20		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.4		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	31.5	*	70 (75) - 130 (124)	63%	SPK: 50
2037-26-5	Toluene-d8	50.2		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.0		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	121000	5.55			
540-36-3	1,4-Difluorobenzene	227000	6.757			
3114-55-4	Chlorobenzene-d5	204000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	99000	12.024			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/25/24	
Client Sample ID:	SPLP-C1-3		SDG No.:	P5001	
Lab Sample ID:	P5001-03		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044033.D	1		11/27/24 12:22	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044033.D
 Acq On : 27 Nov 2024 12:22
 Operator : JC/MD
 Sample : P5001-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C1-3

Quant Time: Nov 28 00:44:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

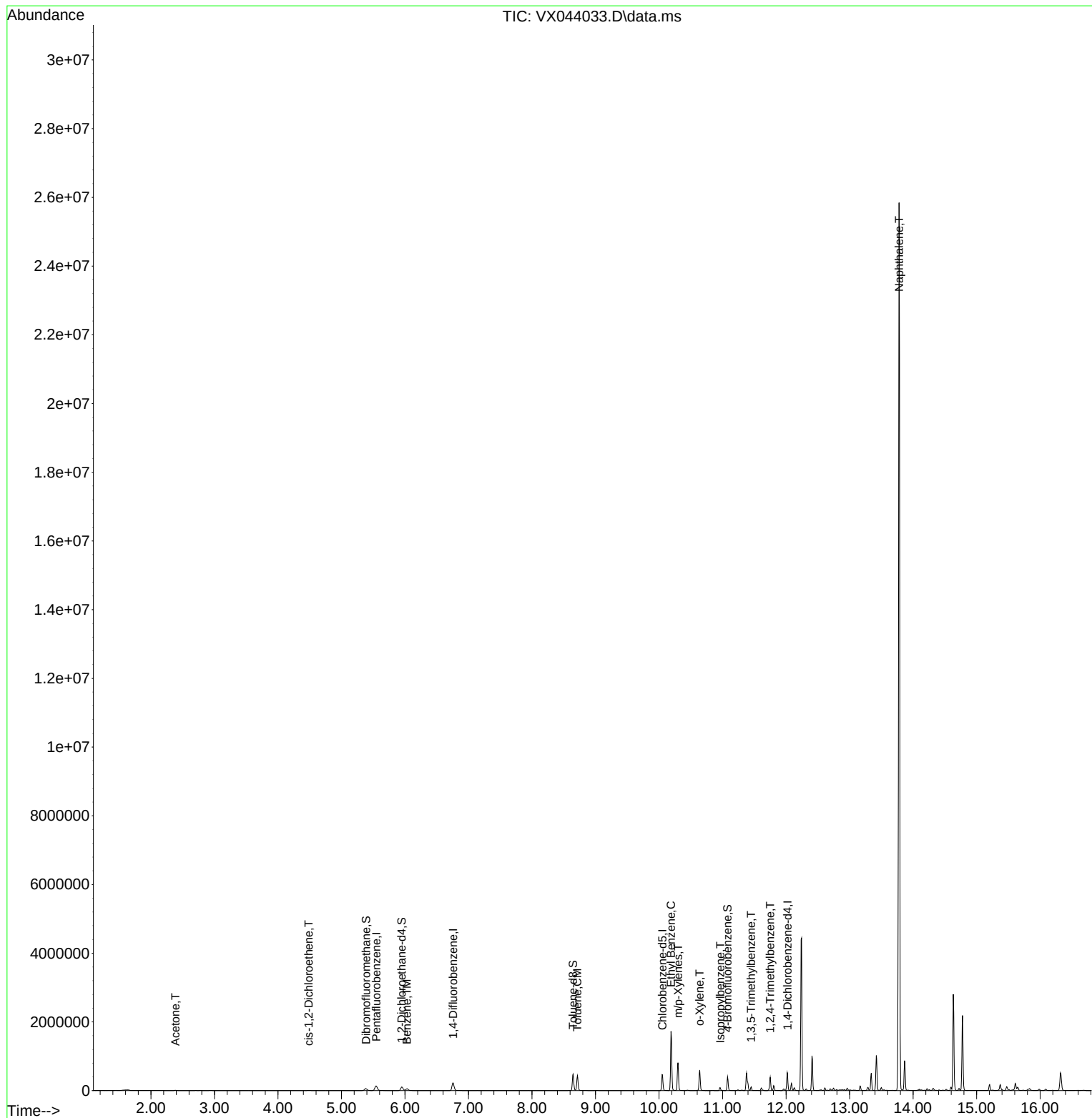
Internal Standards						
1) Pentafluorobenzene	5.550	168	121169	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	227299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102751	49.441	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	98.880%	
35) Dibromofluoromethane	5.385	113	51191	31.518	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	63.040%#	
50) Toluene-d8	8.647	98	280952	50.182	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.360%	
62) 4-Bromofluorobenzene	11.079	95	99073	51.996	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	104.000%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	9871	10.341	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	1948	1.093	ug/l	97
40) Benzene	6.031	78	64688	10.261	ug/l	98
52) Toluene	8.714	92	157506	41.742	ug/l	100
67) Ethyl Benzene	10.189	91	964297	127.251	ug/l	98
68) m/p-Xylenes	10.299	106	176821	62.570	ug/l	97
69) o-Xylene	10.640	106	120204	43.565	ug/l	96
73) Isopropylbenzene	10.963	105	46801	6.153	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	44141	7.054	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	157988	25.358	ug/l	100
95) Naphthalene	13.780	128	12832701	1813.064	ug/l #	90

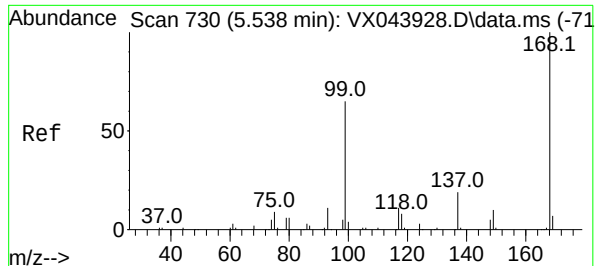
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044033.D
Acq On : 27 Nov 2024 12:22
Operator : JC/MD
Sample : P5001-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-3

Quant Time: Nov 28 00:44:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

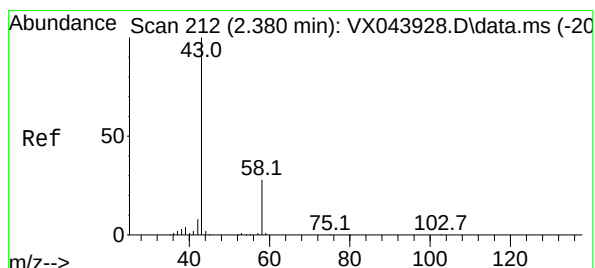
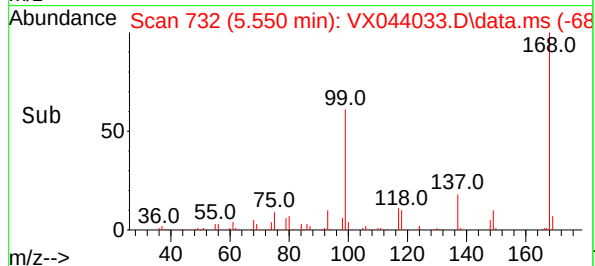
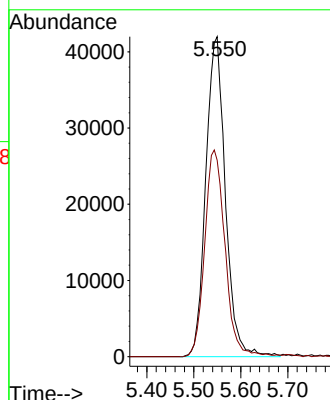
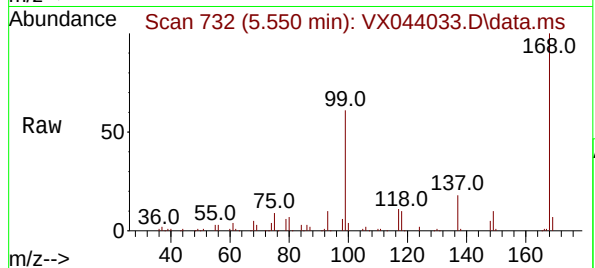




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX044033.D
Acq: 27 Nov 2024 12:22

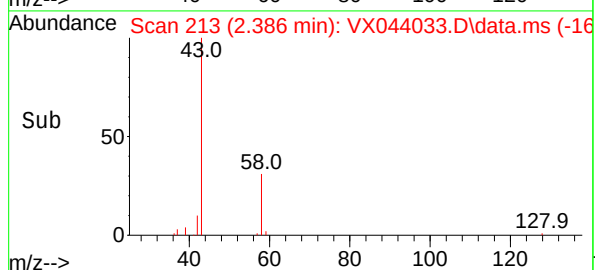
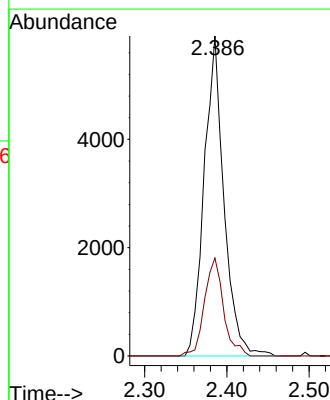
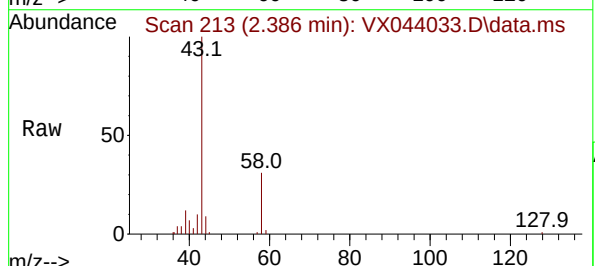
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-3

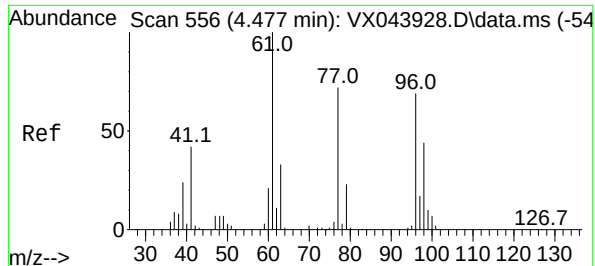
Tgt Ion:168 Resp: 121169
Ion Ratio Lower Upper
168 100
99 61.4 51.8 77.8



#16
Acetone
Concen: 10.341 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044033.D
Acq: 27 Nov 2024 12:22

Tgt Ion: 43 Resp: 9871
Ion Ratio Lower Upper
43 100
58 30.6 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.093 ug/l

RT: 4.483 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX044033.D

Acq: 27 Nov 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-3

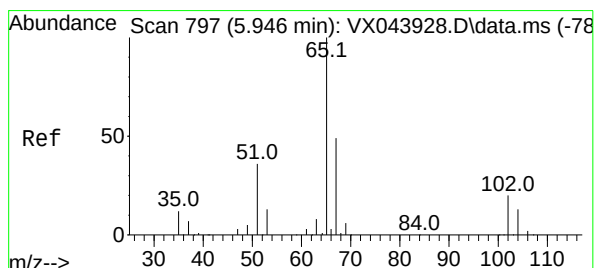
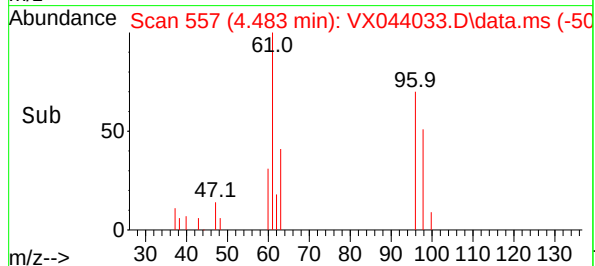
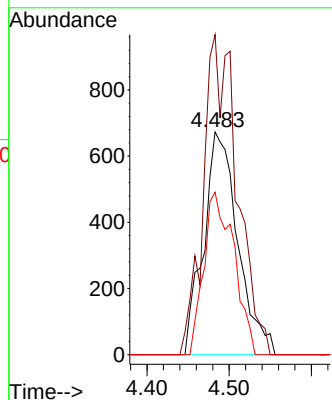
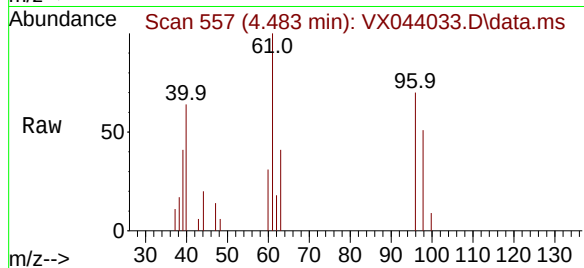
Tgt Ion: 96 Resp: 1948

Ion Ratio Lower Upper

96 100

61 142.9 0.0 297.4

98 64.2 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 49.441 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044033.D

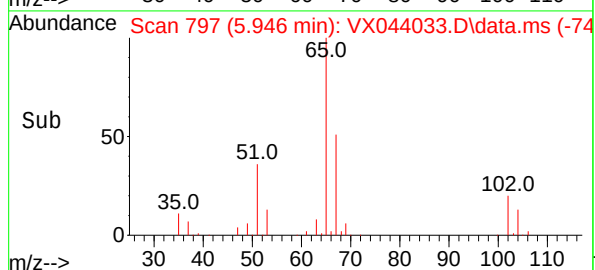
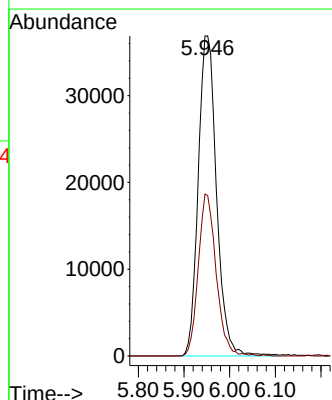
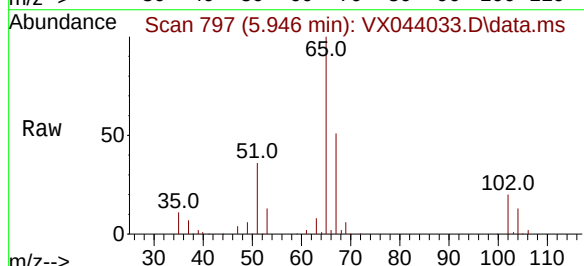
Acq: 27 Nov 2024 12:22

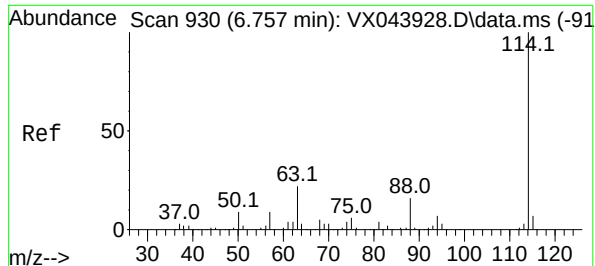
Tgt Ion: 65 Resp: 102751

Ion Ratio Lower Upper

65 100

67 49.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX044033.D

Acq: 27 Nov 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-3

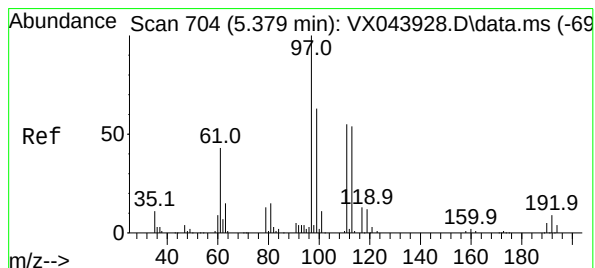
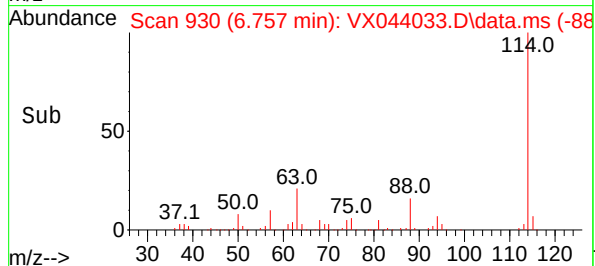
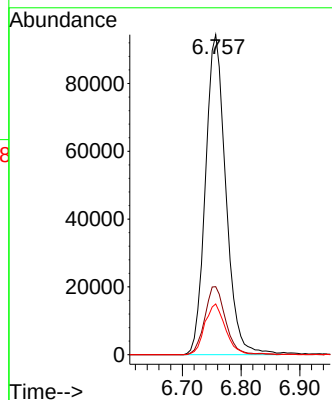
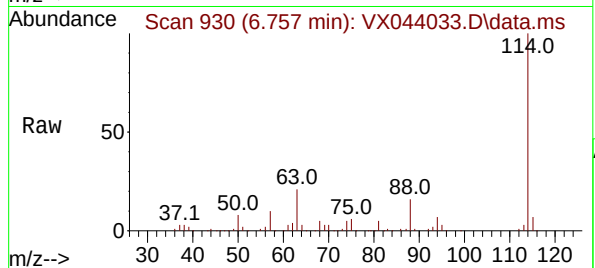
Tgt Ion:114 Resp: 227299

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.0

88 15.8 0.0 32.4



#35

Dibromofluoromethane

Concen: 31.518 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX044033.D

Acq: 27 Nov 2024 12:22

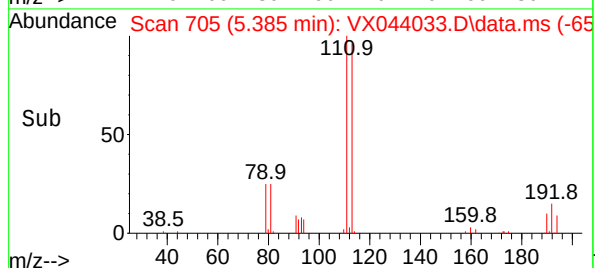
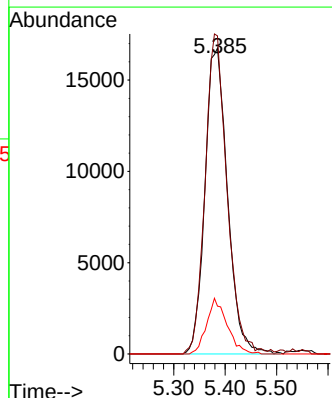
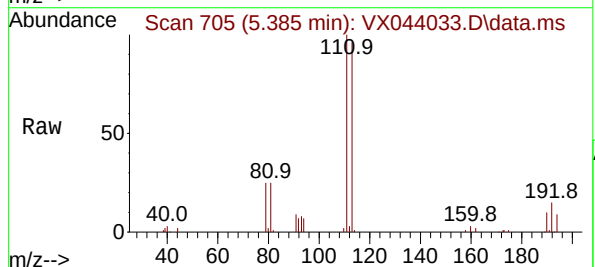
Tgt Ion:113 Resp: 51191

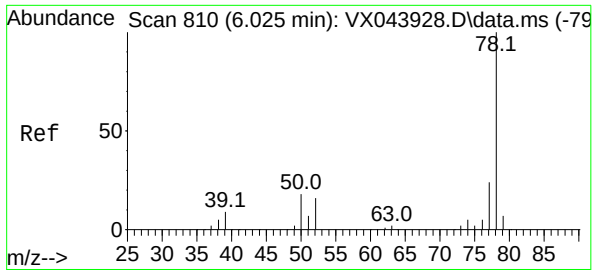
Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.4

192 16.6 13.0 19.6





#40

Benzene

Concen: 10.261 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044033.D

Acq: 27 Nov 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

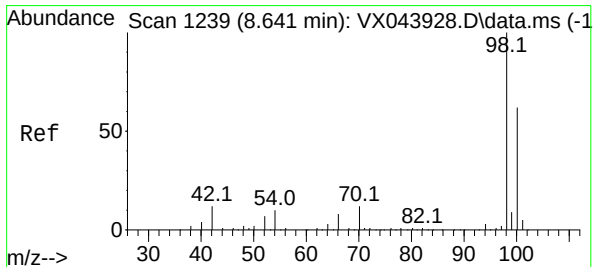
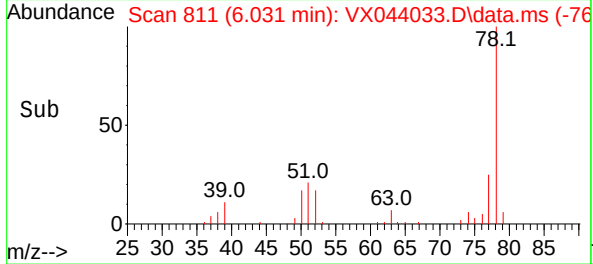
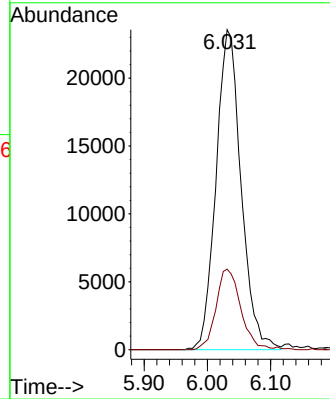
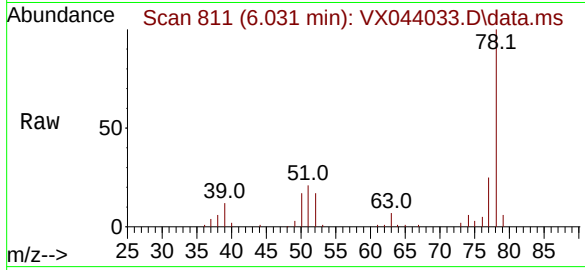
SPLP-C1-3

Tgt Ion: 78 Resp: 64688

Ion Ratio Lower Upper

78 100

77 25.2 19.2 28.8



#50

Toluene-d8

Concen: 50.182 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044033.D

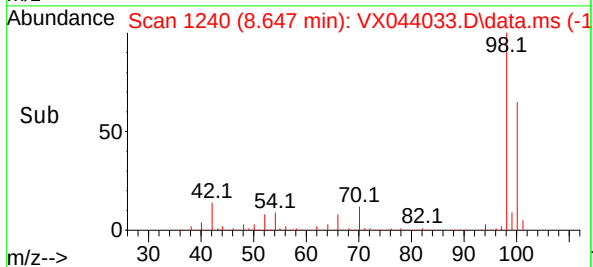
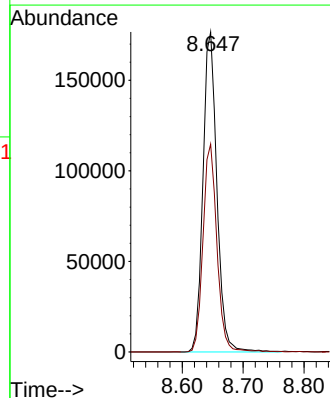
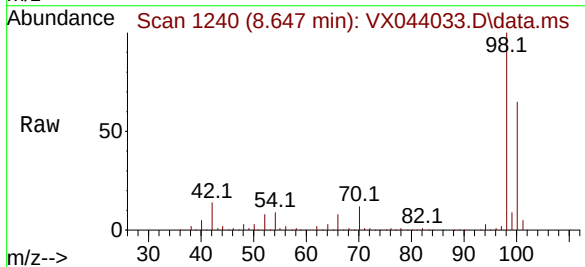
Acq: 27 Nov 2024 12:22

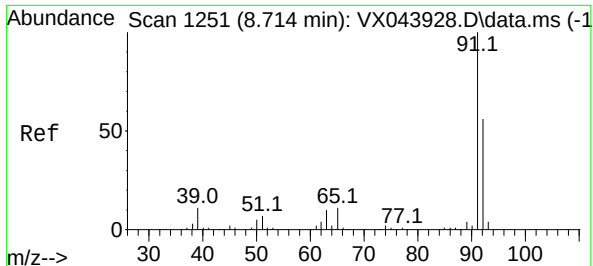
Tgt Ion: 98 Resp: 280952

Ion Ratio Lower Upper

98 100

100 65.0 52.6 79.0





#52

Toluene

Concen: 41.742 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044033.D

Acq: 27 Nov 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

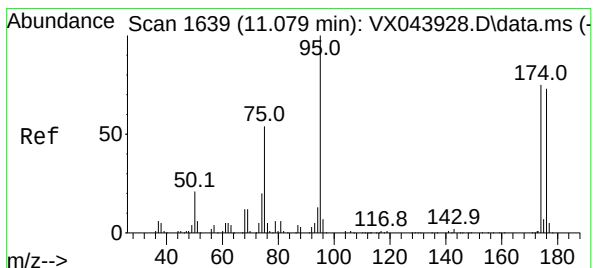
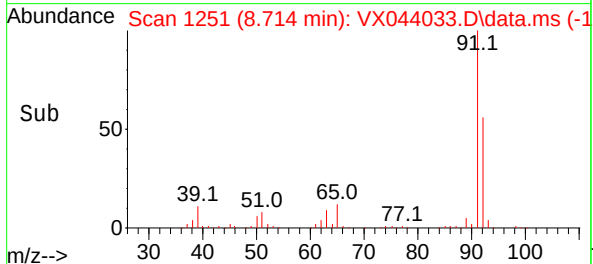
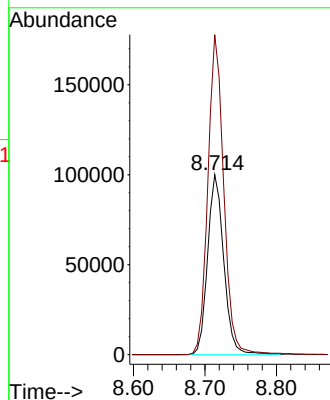
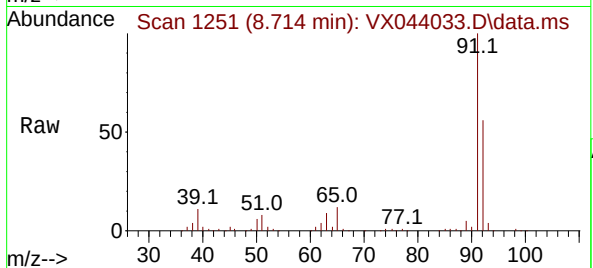
SPLP-C1-3

Tgt Ion: 92 Resp: 157506

Ion Ratio Lower Upper

92 100

91 175.0 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 51.996 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044033.D

Acq: 27 Nov 2024 12:22

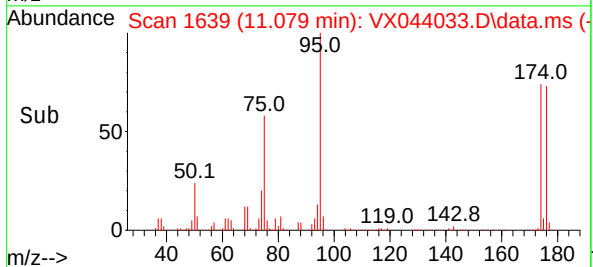
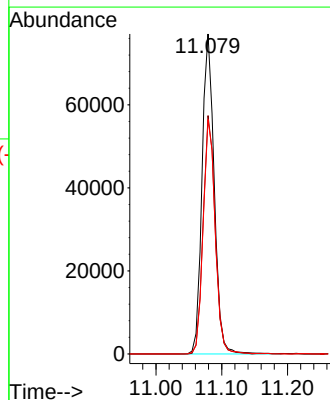
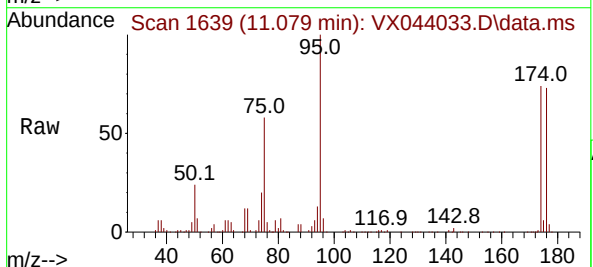
Tgt Ion: 95 Resp: 99073

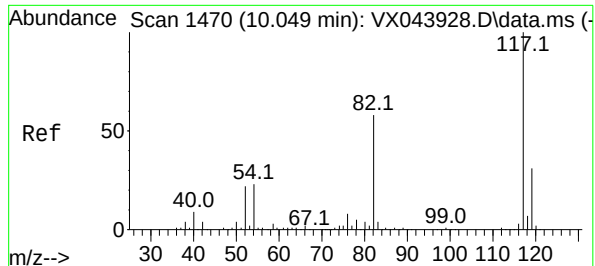
Ion Ratio Lower Upper

95 100

174 73.6 0.0 150.4

176 72.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044033.D

Acq: 27 Nov 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-3

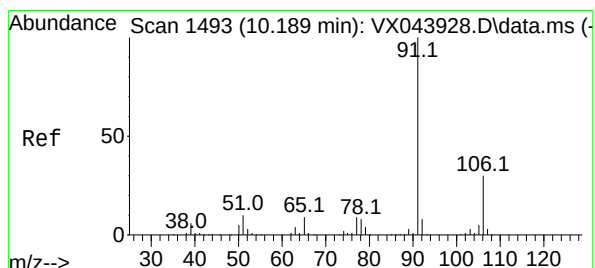
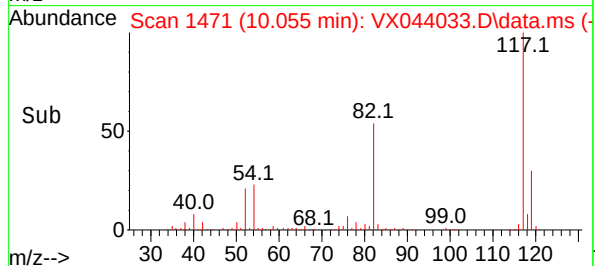
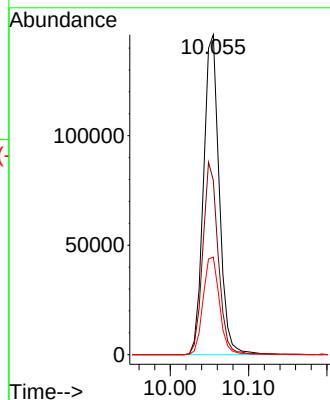
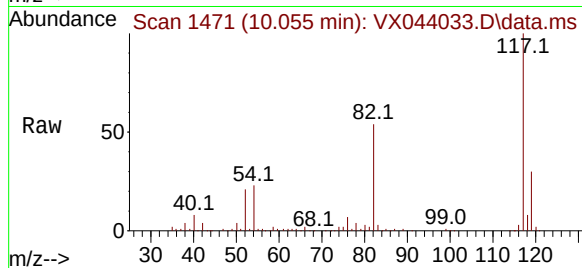
Tgt Ion:117 Resp: 203619

Ion Ratio Lower Upper

117 100

82 54.5 46.4 69.6

119 30.5 24.6 37.0



#67

Ethyl Benzene

Concen: 127.251 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044033.D

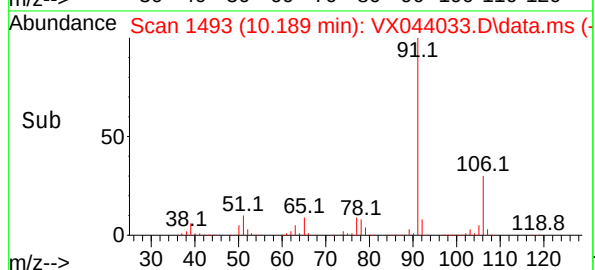
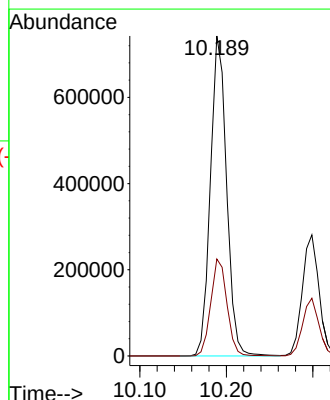
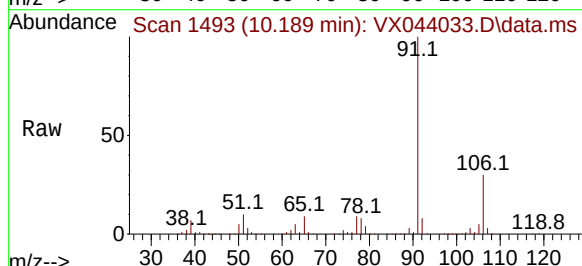
Acq: 27 Nov 2024 12:22

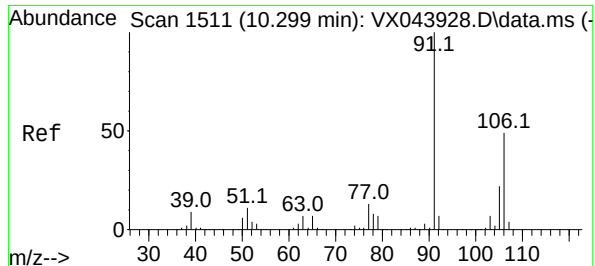
Tgt Ion: 91 Resp: 964297

Ion Ratio Lower Upper

91 100

106 30.3 23.6 35.4





#68

m/p-Xylenes

Concen: 62.570 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044033.D

Acq: 27 Nov 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

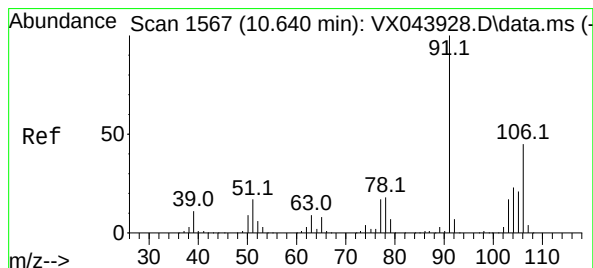
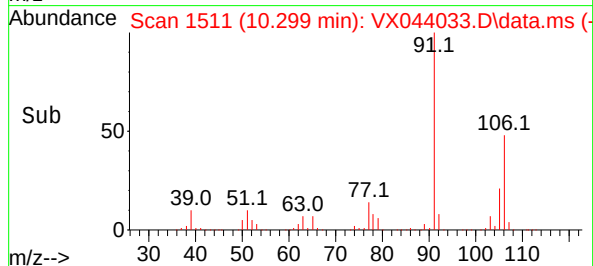
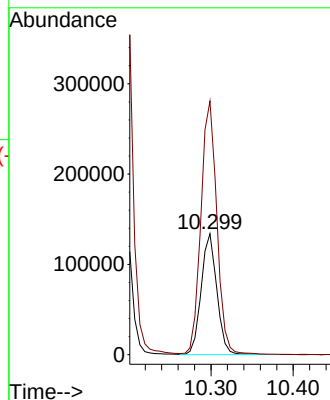
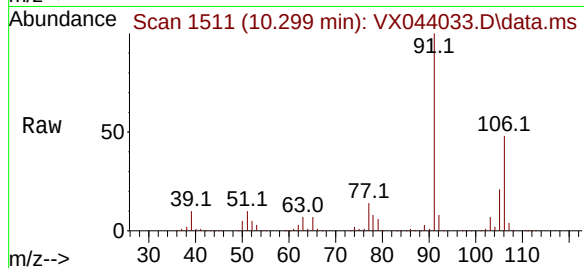
SPLP-C1-3

Tgt Ion:106 Resp: 176821

Ion Ratio Lower Upper

106 100

91 214.7 168.1 252.1



#69

o-Xylene

Concen: 43.565 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044033.D

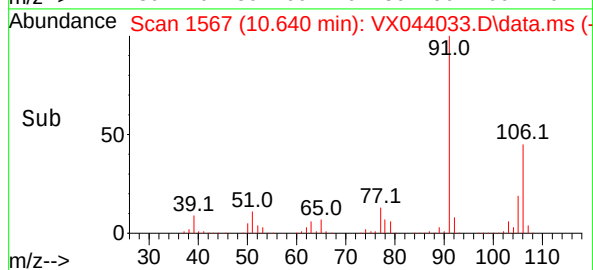
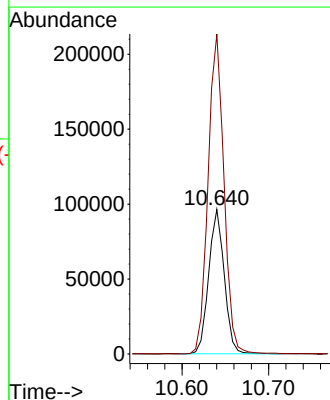
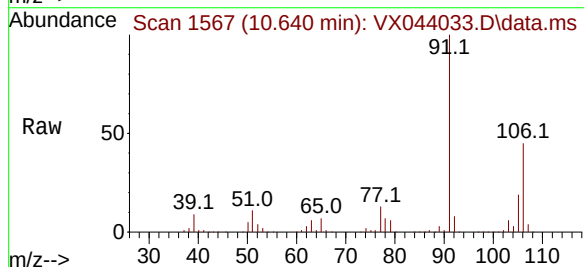
Acq: 27 Nov 2024 12:22

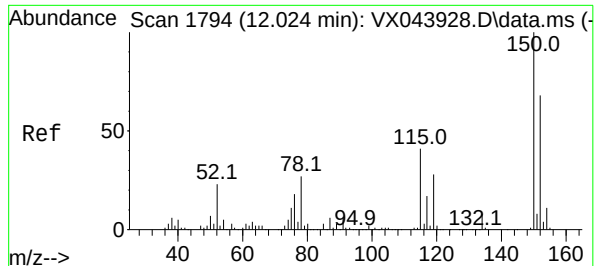
Tgt Ion:106 Resp: 120204

Ion Ratio Lower Upper

106 100

91 226.6 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044033.D

Acq: 27 Nov 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-3

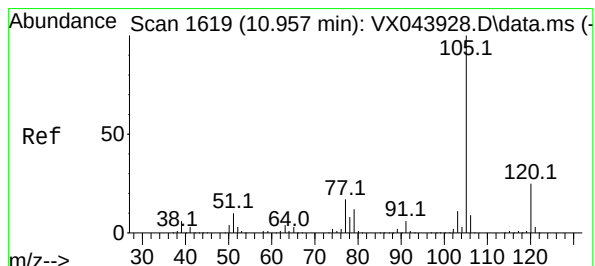
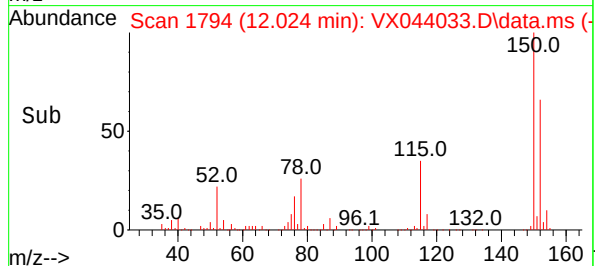
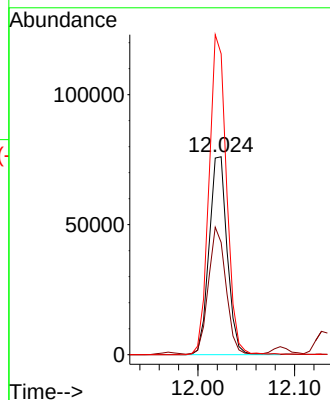
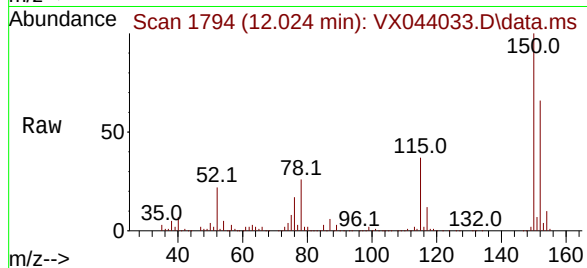
Tgt Ion:152 Resp: 98952

Ion Ratio Lower Upper

152 100

115 61.9 45.4 136.2

150 157.0 0.0 353.0



#73

Isopropylbenzene

Concen: 6.153 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044033.D

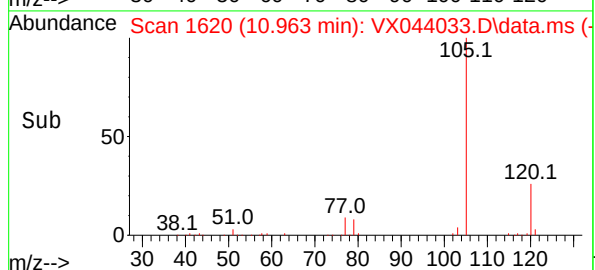
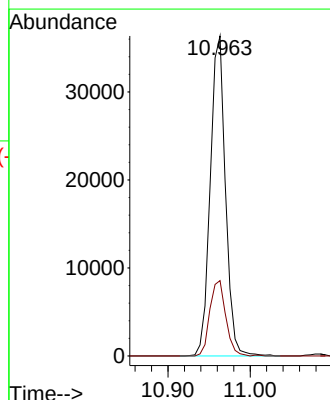
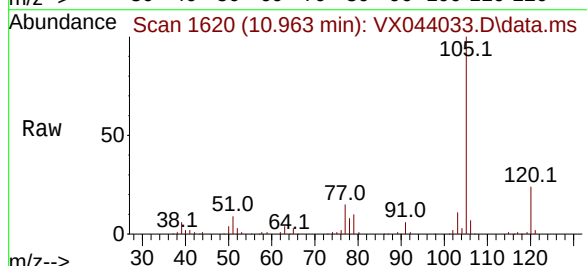
Acq: 27 Nov 2024 12:22

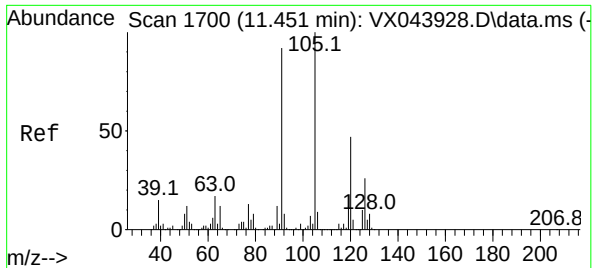
Tgt Ion:105 Resp: 46801

Ion Ratio Lower Upper

105 100

120 24.7 13.0 38.9

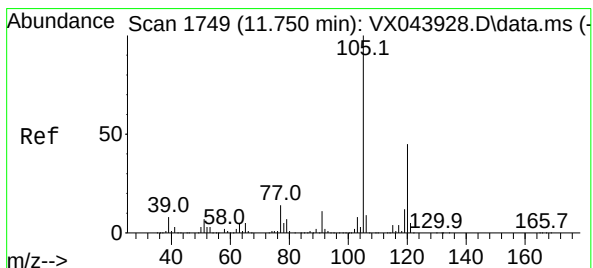
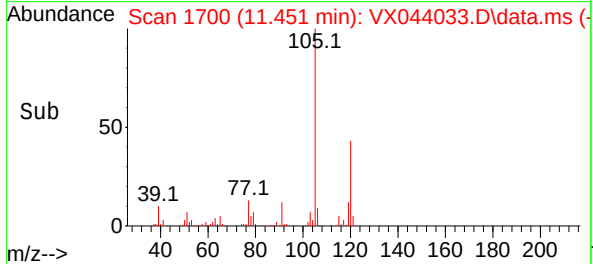
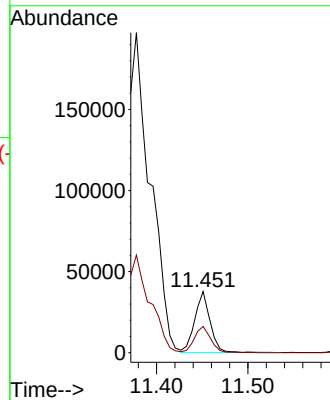
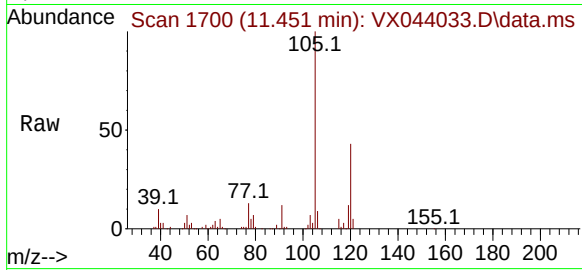




#80
1,3,5-Trimethylbenzene
Concen: 7.054 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044033.D
Acq: 27 Nov 2024 12:22

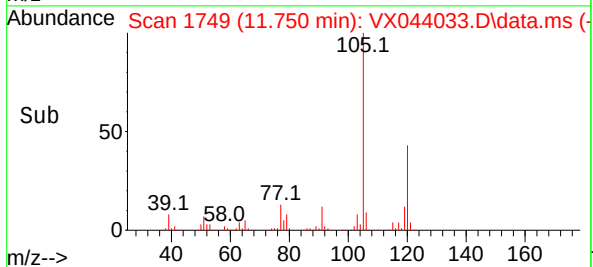
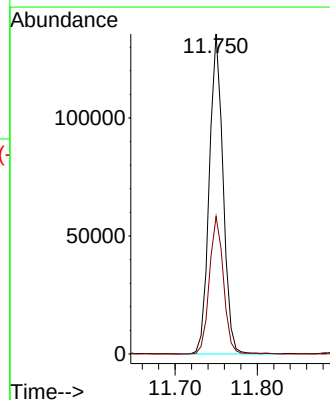
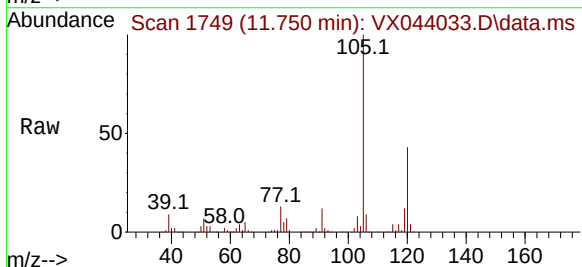
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-3

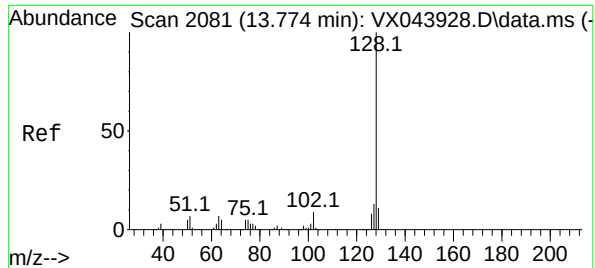
Tgt Ion:105 Resp: 44141
Ion Ratio Lower Upper
105 100
120 45.5 23.3 69.8



#84
1,2,4-Trimethylbenzene
Concen: 25.358 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044033.D
Acq: 27 Nov 2024 12:22

Tgt Ion:105 Resp: 157988
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.7





#95

Naphthalene

Concen: 1813.064 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044033.D

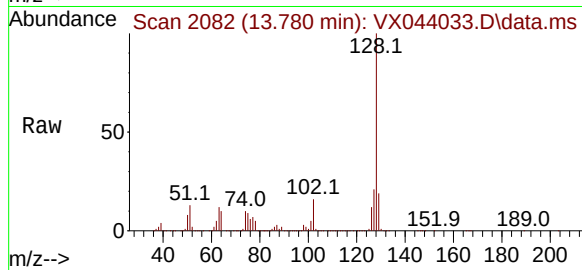
Acq: 27 Nov 2024 12:22

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-3



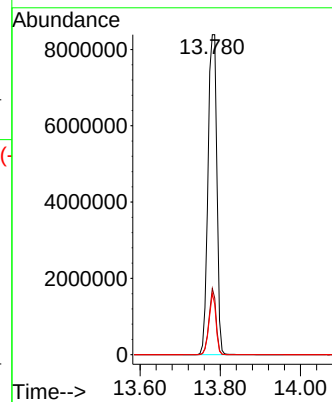
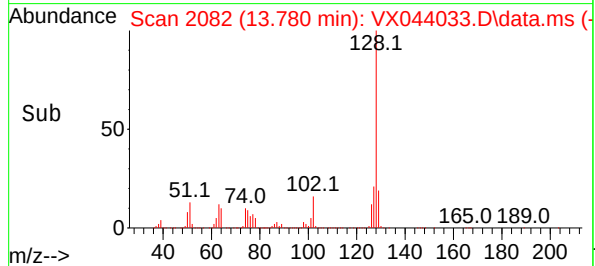
Tgt Ion:128 Resp:12832701

Ion Ratio Lower Upper

128 100

127 16.6 10.2 15.2#

129 14.9 8.6 12.8#



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-3RE	SDG No.:	P5001
Lab Sample ID:	P5001-03RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044071.D	1		12/02/24 17:10	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	10.6	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.10	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	9.80		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	39.5		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-3RE	SDG No.:	P5001
Lab Sample ID:	P5001-03RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044071.D	1		12/02/24 17:10	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	120		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	59.0		0.31	10.0	ug/L
95-47-6	o-Xylene	41.0		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	5.70		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.9		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	31.7	*	70 (75) - 130 (124)	63%	SPK: 50
2037-26-5	Toluene-d8	50.1		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.8		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	122000	5.544			
540-36-3	1,4-Difluorobenzene	237000	6.757			
3114-55-4	Chlorobenzene-d5	212000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	101000	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C1-3RE	SDG No.:	P5001
Lab Sample ID:	P5001-03RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044071.D	1		12/02/24 17:10	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044071.D
 Acq On : 02 Dec 2024 17:10
 Operator : JC/MD
 Sample : P5001-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C1-3RE

Quant Time: Dec 03 00:24:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

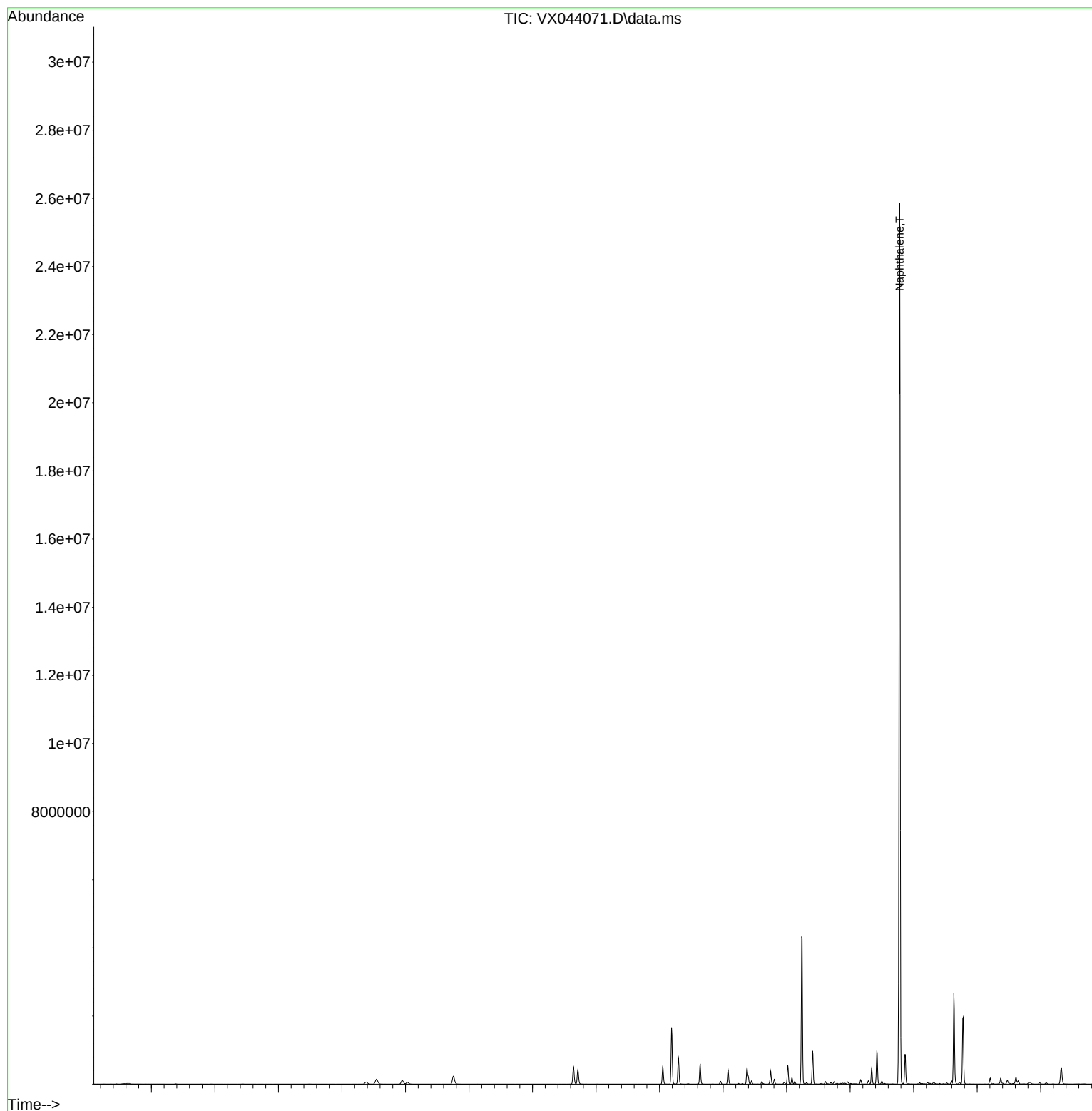
Internal Standards						
1) Pentafluorobenzene	5.544	168	121878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237284	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106409	50.903	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.800%			
35) Dibromofluoromethane	5.379	113	53750	31.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 63.400%#			
50) Toluene-d8	8.647	98	292607	50.064	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.120%			
62) 4-Bromofluorobenzene	11.079	95	104939	52.758	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.520%			
Target Compounds						
16) Acetone	2.380	43	10180	10.603	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	1946	1.086	ug/l	96
40) Benzene	6.031	78	64471	9.796	ug/l	99
52) Toluene	8.714	92	155620	39.507	ug/l	99
67) Ethyl Benzene	10.189	91	936958	118.563	ug/l	100
68) m/p-Xylenes	10.299	106	173893	59.006	ug/l	100
69) o-Xylene	10.640	106	117941	40.989	ug/l	96
73) Isopropylbenzene	10.963	105	44073	5.662	ug/l	99
78) n-propylbenzene	11.305	91	10304	1.185	ug/l #	53
80) 1,3,5-Trimethylbenzene	11.451	105	41044	6.409	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	154980	24.307	ug/l	98
95) Naphthalene	13.780	128	12639965	1745.009	ug/l #	90

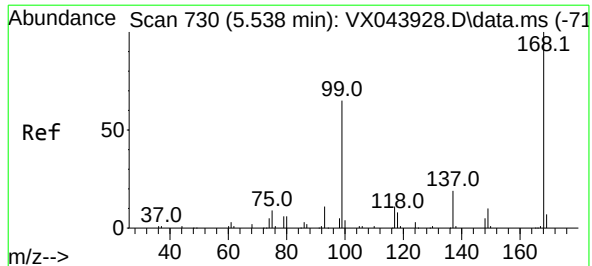
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044071.D
Acq On : 02 Dec 2024 17:10
Operator : JC/MD
Sample : P5001-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-3RE

Quant Time: Dec 03 00:24:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.006 min

Lab File: VX044071.D

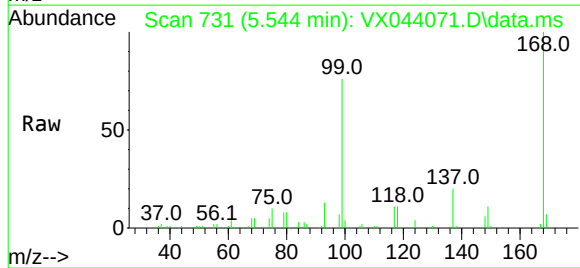
Acq: 02 Dec 2024 17:10

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-3RE

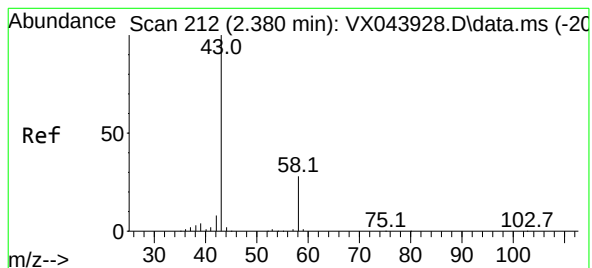
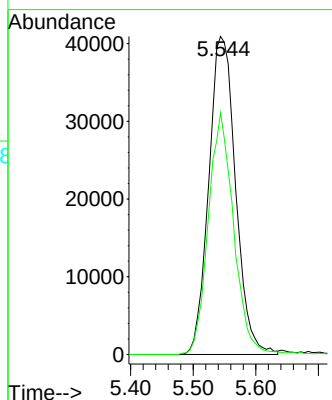
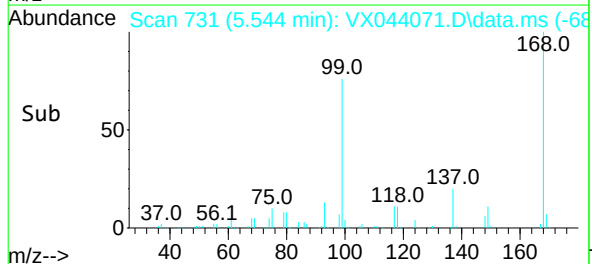


Tgt Ion:168 Resp: 121878

Ion Ratio Lower Upper

168 100

99 76.0 51.8 77.8



#16

Acetone

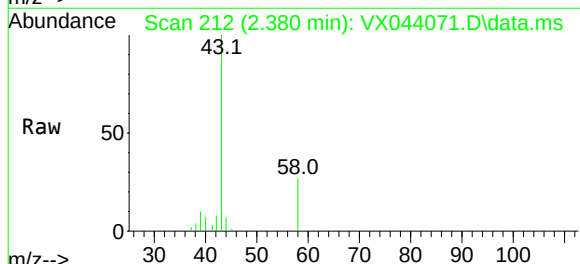
Concen: 10.603 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX044071.D

Acq: 02 Dec 2024 17:10

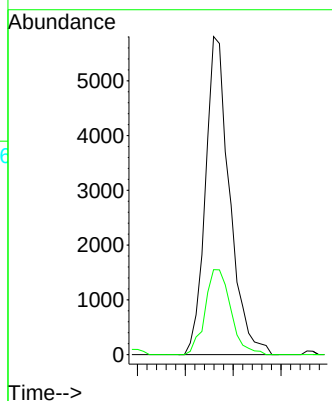
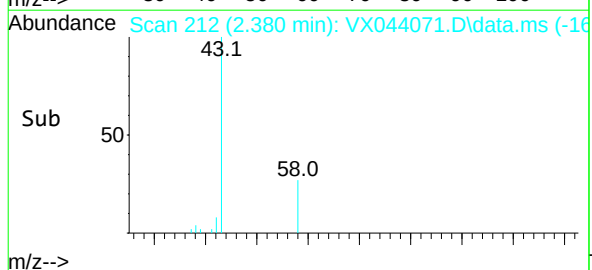


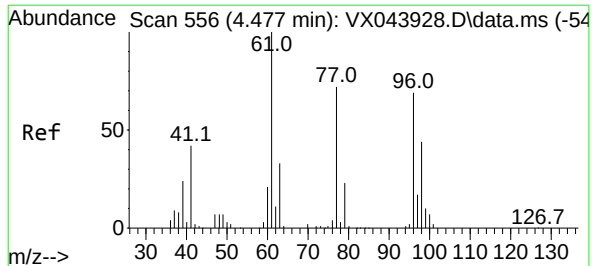
Tgt Ion: 43 Resp: 10180

Ion Ratio Lower Upper

43 100

58 26.7 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.086 ug/l

RT: 4.495 min Scan# 556

Delta R.T. 0.018 min

Lab File: VX044071.D

Acq: 02 Dec 2024 17:10

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-3RE

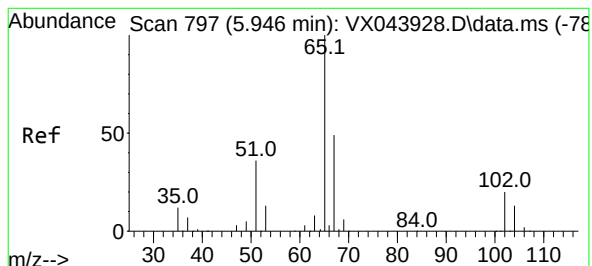
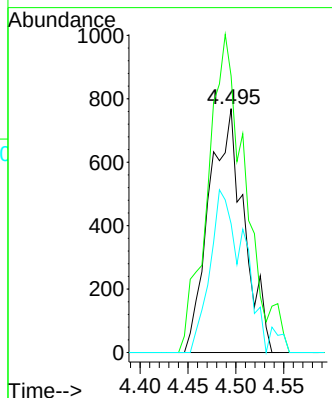
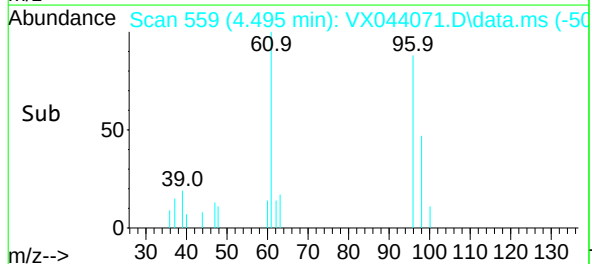
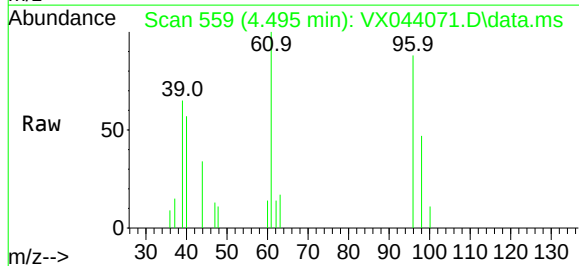
Tgt Ion: 96 Resp: 1946

Ion Ratio Lower Upper

96 100

61 141.9 0.0 297.4

98 64.2 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 50.903 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044071.D

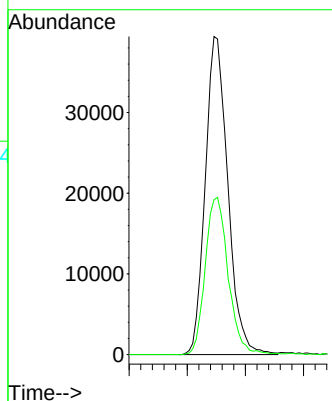
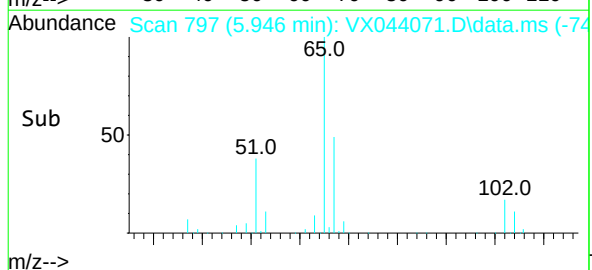
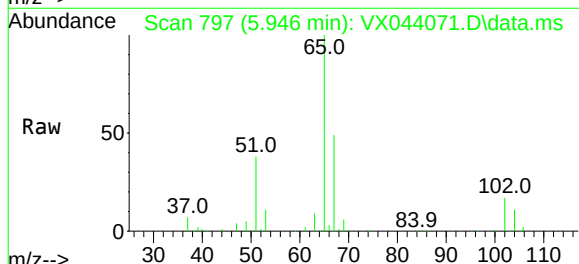
Acq: 02 Dec 2024 17:10

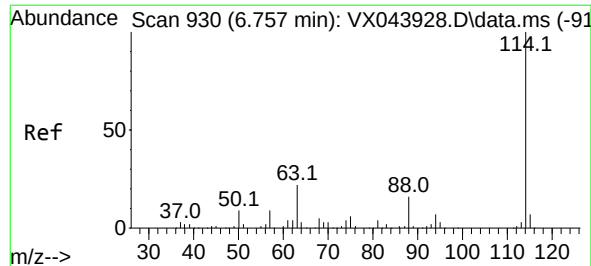
Tgt Ion: 65 Resp: 106409

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.8

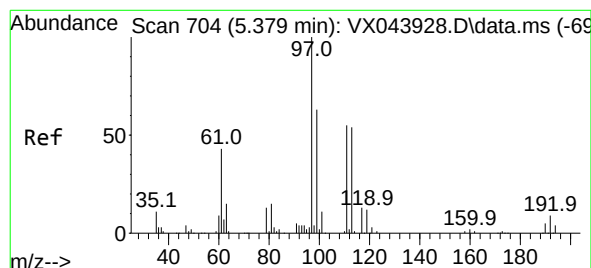
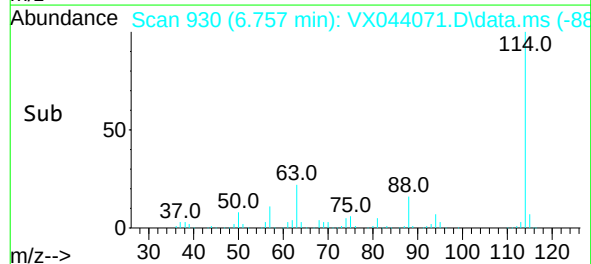
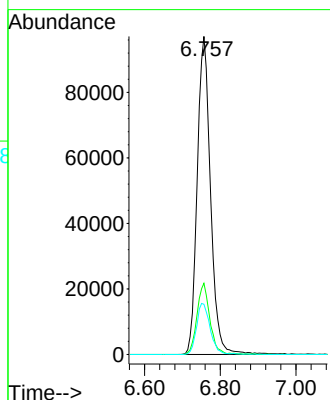
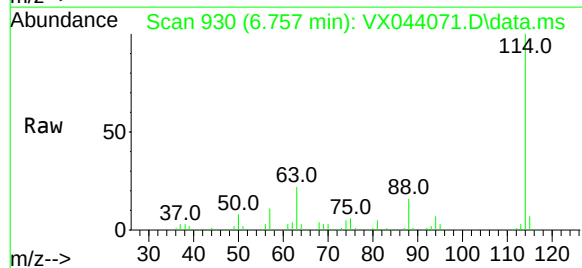




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044071.D
Acq: 02 Dec 2024 17:10

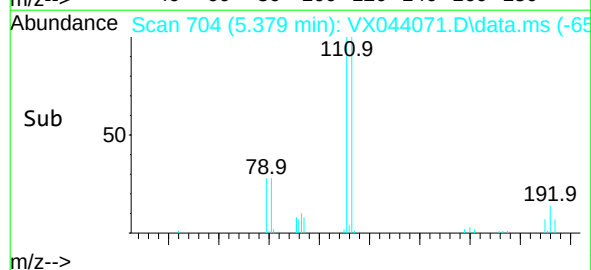
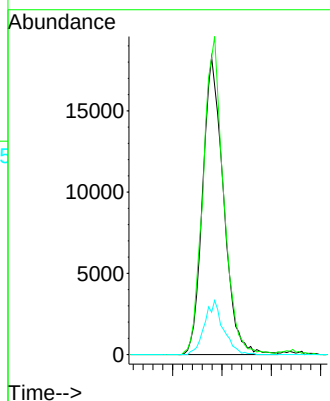
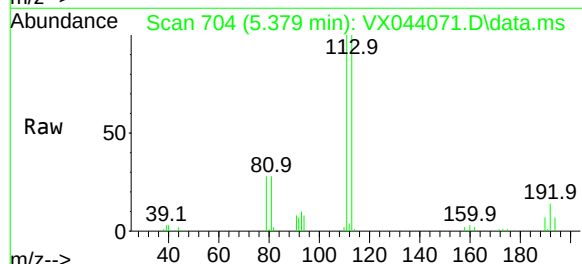
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-3RE

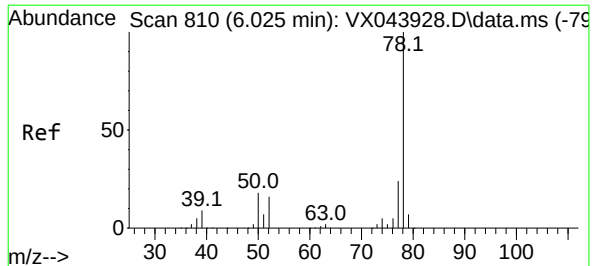
Tgt Ion:	114	Resp:	237284
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.0
88	15.8	0.0	32.4



#35
Dibromofluoromethane
Concen: 31.701 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044071.D
Acq: 02 Dec 2024 17:10

Tgt Ion:	113	Resp:	53750
Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.0	121.4
192	16.4	13.0	19.6





#40

Benzene

Concen: 9.796 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044071.D

Acq: 02 Dec 2024 17:10

Instrument :

MSVOA_X

ClientSampleId :

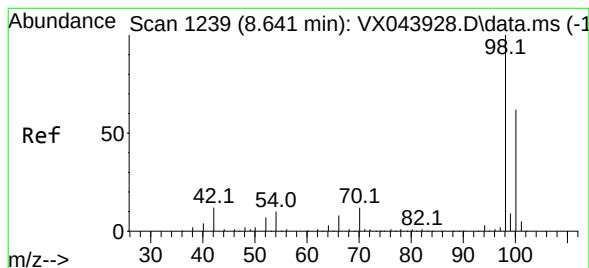
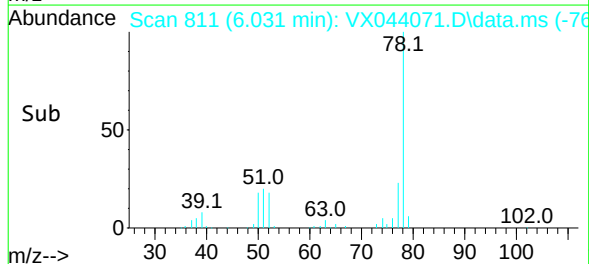
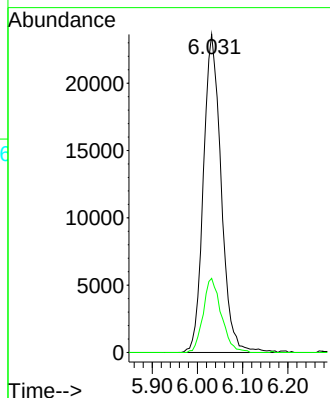
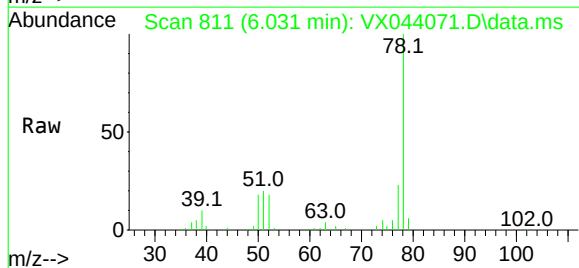
SPLP-C1-3RE

Tgt Ion: 78 Resp: 64471

Ion Ratio Lower Upper

78 100

77 23.3 19.2 28.8



#50

Toluene-d8

Concen: 50.064 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044071.D

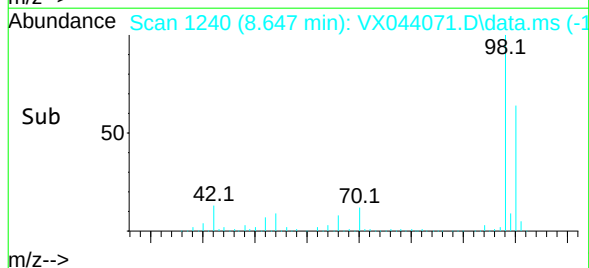
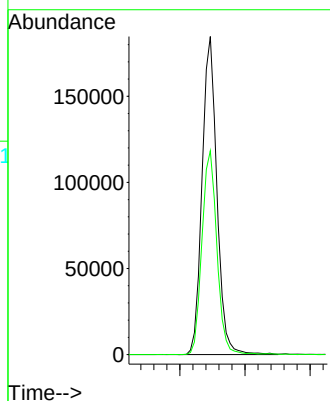
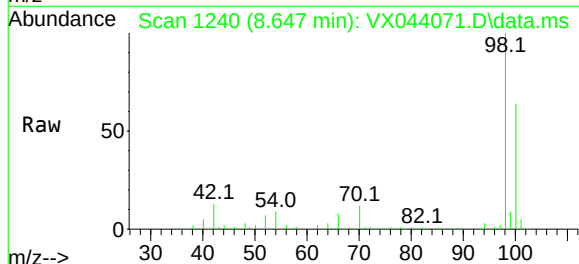
Acq: 02 Dec 2024 17:10

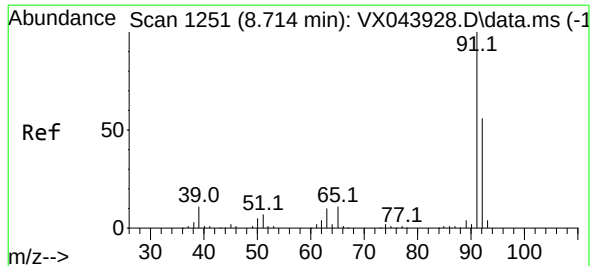
Tgt Ion: 98 Resp: 292607

Ion Ratio Lower Upper

98 100

100 64.4 52.6 79.0





#52

Toluene

Concen: 39.507 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044071.D

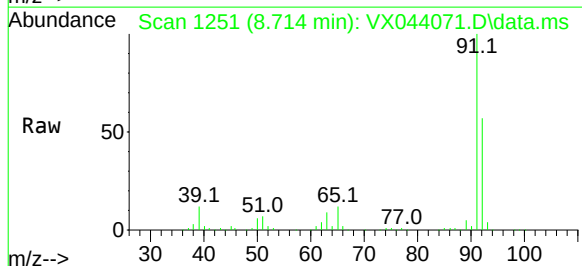
Acq: 02 Dec 2024 17:10

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-3RE

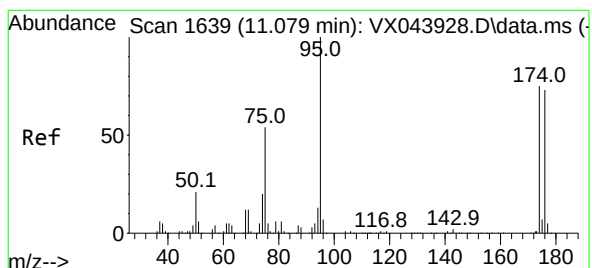
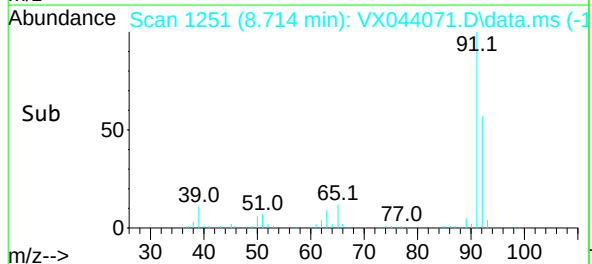
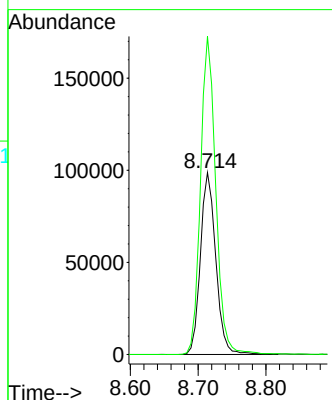


Tgt Ion: 92 Resp: 155620

Ion Ratio Lower Upper

92 100

91 173.6 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 52.758 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044071.D

Acq: 02 Dec 2024 17:10

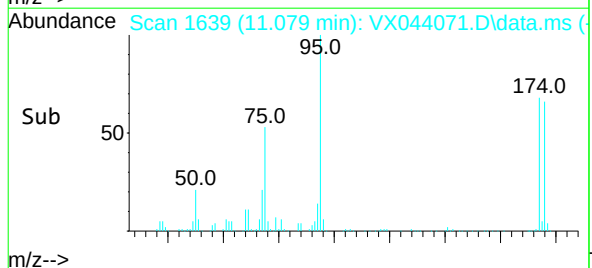
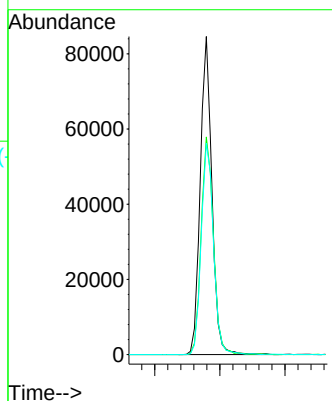
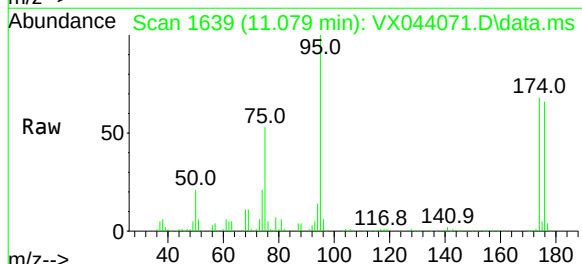
Tgt Ion: 95 Resp: 104939

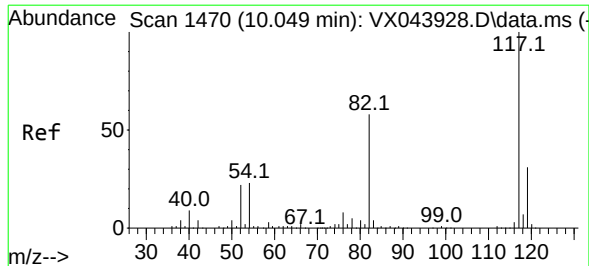
Ion Ratio Lower Upper

95 100

174 72.0 0.0 150.4

176 69.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044071.D

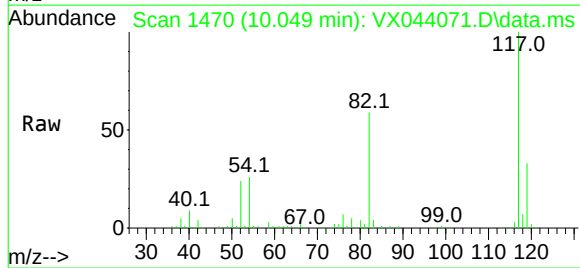
Acq: 02 Dec 2024 17:10

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-3RE



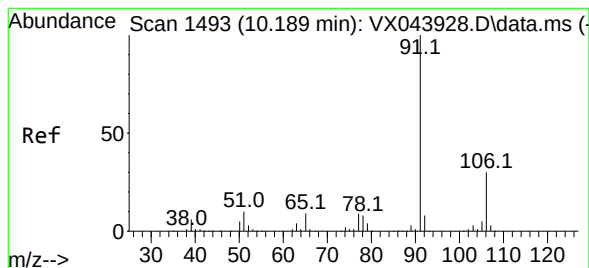
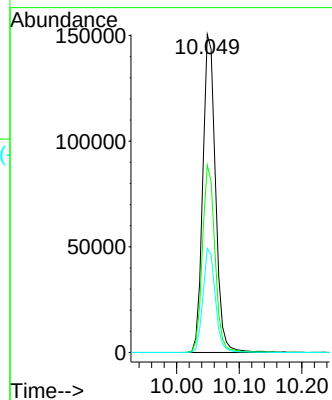
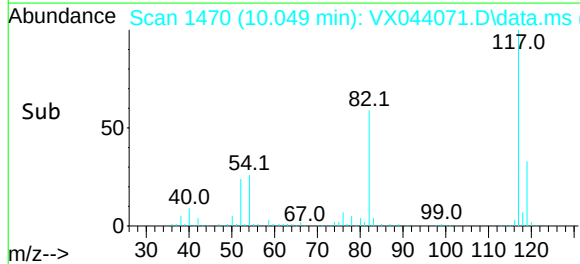
Tgt Ion:117 Resp: 212345

Ion Ratio Lower Upper

117 100

82 58.9 46.4 69.6

119 32.8 24.6 37.0



#67

Ethyl Benzene

Concen: 118.563 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044071.D

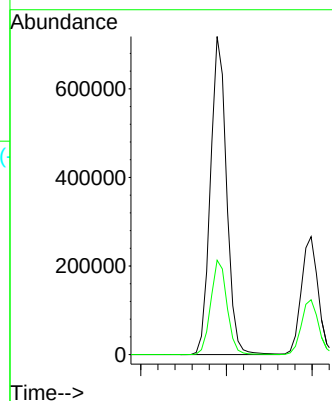
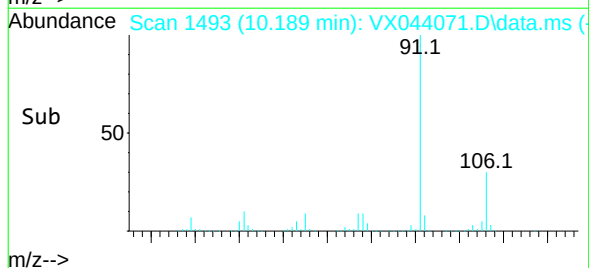
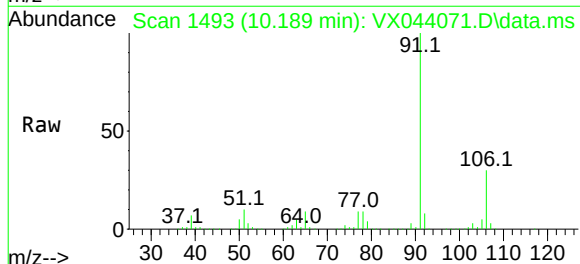
Acq: 02 Dec 2024 17:10

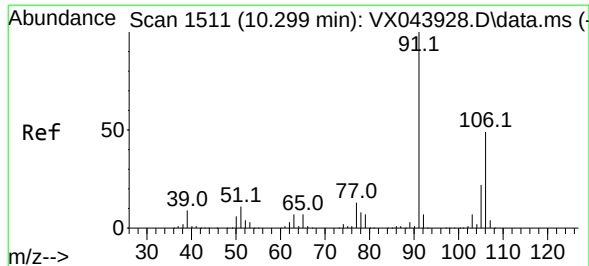
Tgt Ion: 91 Resp: 936958

Ion Ratio Lower Upper

91 100

106 29.7 23.6 35.4





#68

m/p-Xylenes

Concen: 59.006 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044071.D

Acq: 02 Dec 2024 17:10

Instrument :

MSVOA_X

ClientSampleId :

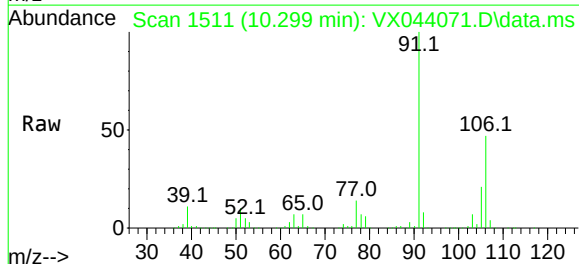
SPLP-C1-3RE

Tgt Ion:106 Resp: 173893

Ion Ratio Lower Upper

106 100

91 210.5 168.1 252.1



Abundance

600000

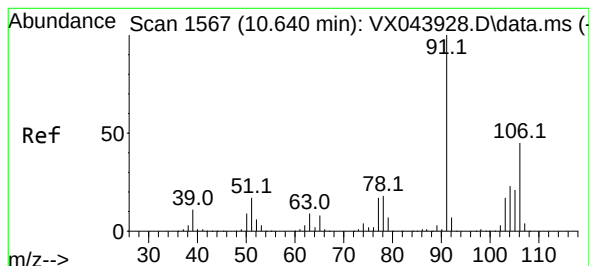
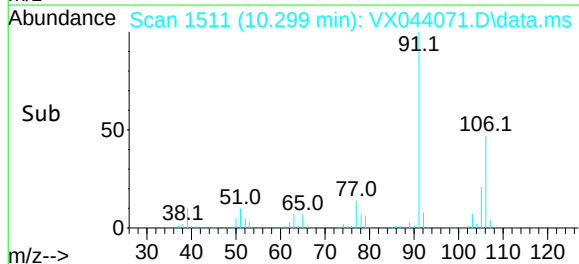
400000

200000

0

10.299

Time-->



#69

o-Xylene

Concen: 40.989 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044071.D

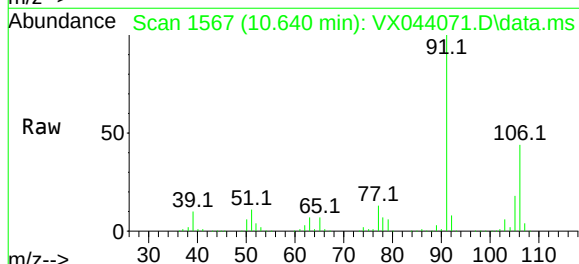
Acq: 02 Dec 2024 17:10

Tgt Ion:106 Resp: 117941

Ion Ratio Lower Upper

106 100

91 226.9 110.2 330.6



Abundance

200000

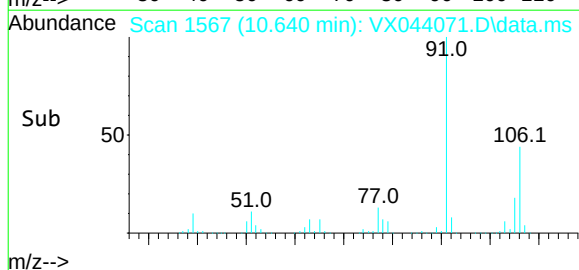
150000

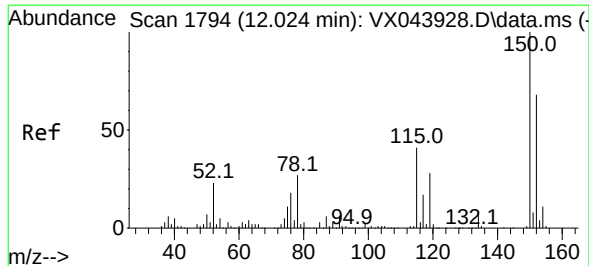
100000

50000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044071.D

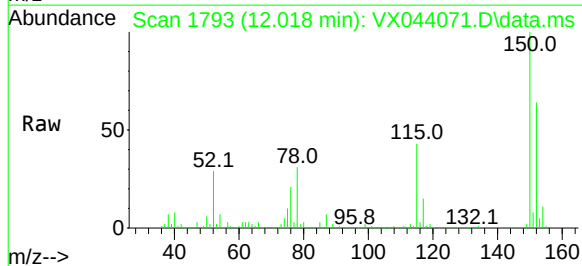
Acq: 02 Dec 2024 17:10

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-3RE



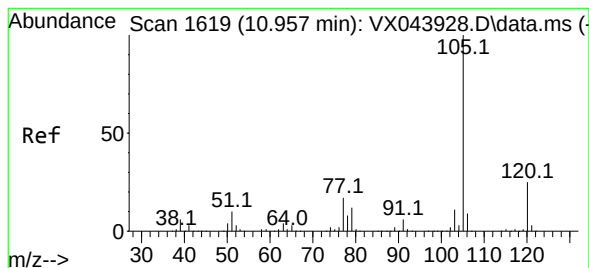
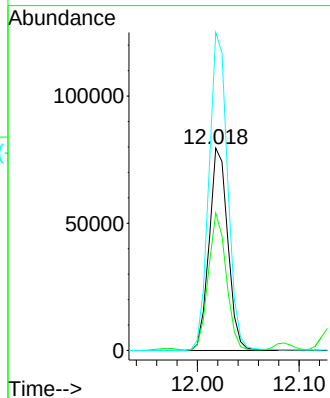
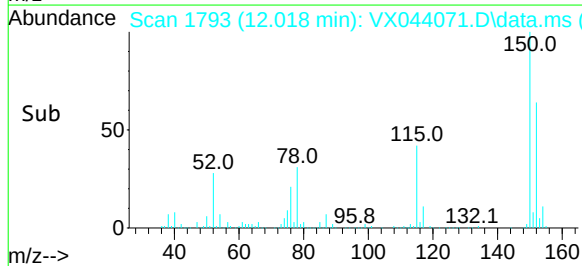
Tgt Ion:152 Resp: 101267

Ion Ratio Lower Upper

152 100

115 64.8 45.4 136.2

150 158.5 0.0 353.0



#73

Isopropylbenzene

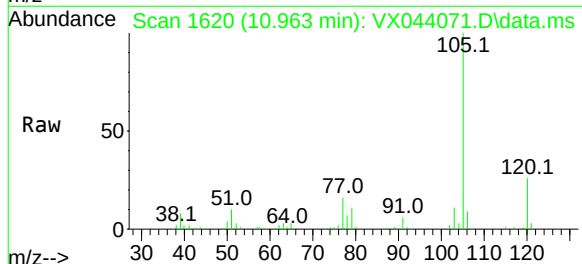
Concen: 5.662 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044071.D

Acq: 02 Dec 2024 17:10

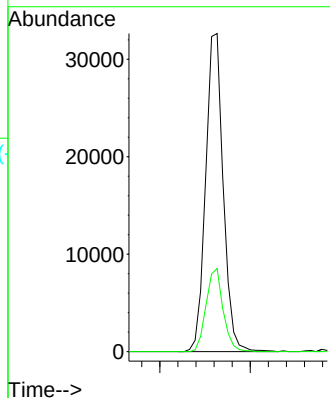
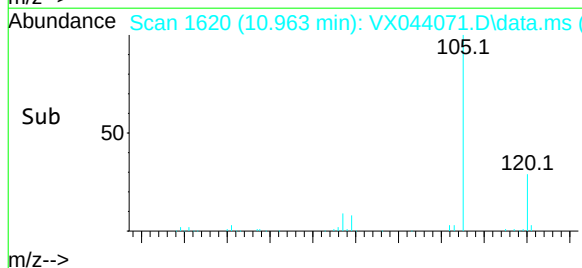


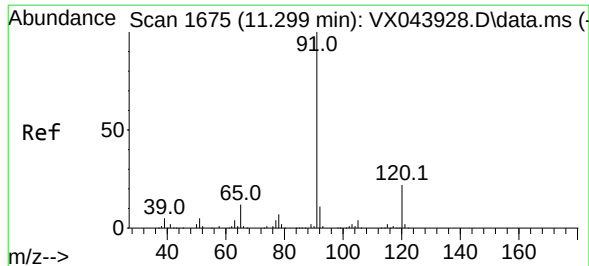
Tgt Ion:105 Resp: 44073

Ion Ratio Lower Upper

105 100

120 25.3 13.0 38.9





#78

n-propylbenzene

Concen: 1.185 ug/l

RT: 11.305 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044071.D

Acq: 02 Dec 2024 17:10

Instrument :

MSVOA_X

ClientSampleId :

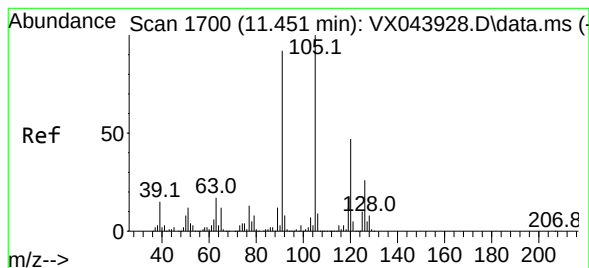
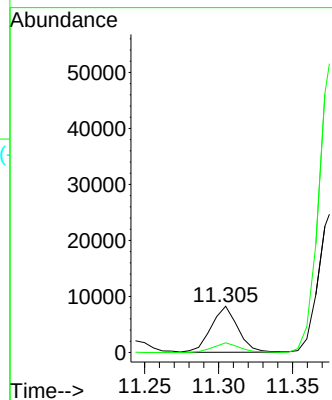
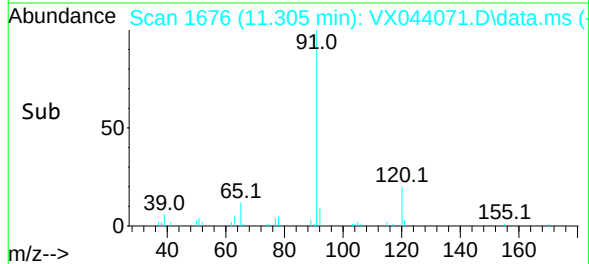
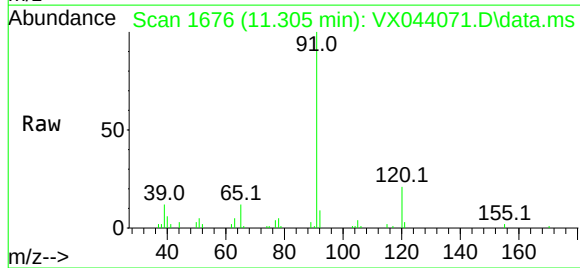
SPLP-C1-3RE

Tgt Ion: 91 Resp: 10304

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#80

1,3,5-Trimethylbenzene

Concen: 6.409 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044071.D

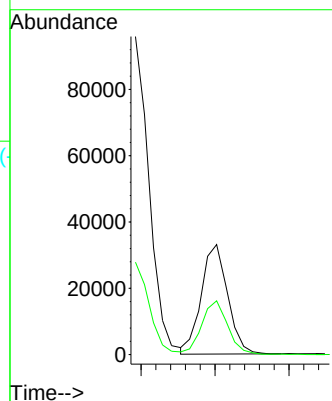
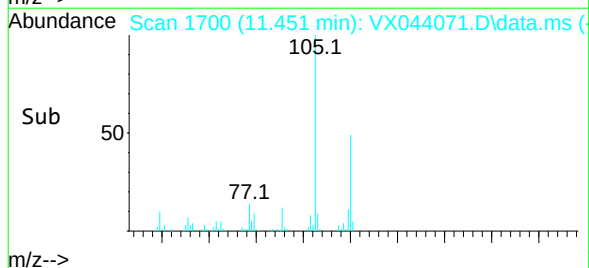
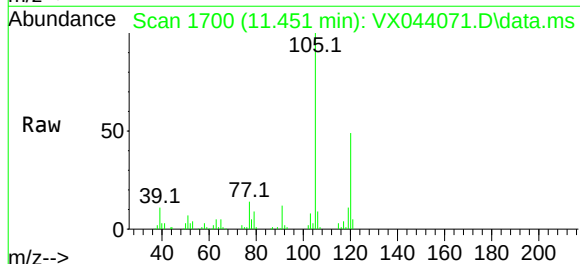
Acq: 02 Dec 2024 17:10

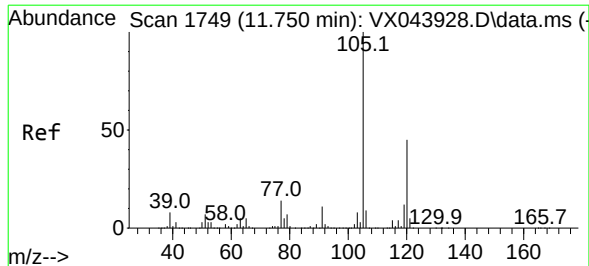
Tgt Ion: 105 Resp: 41044

Ion Ratio Lower Upper

105 100

120 48.8 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 24.307 ug/l

RT: 11.750 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044071.D

Acq: 02 Dec 2024 17:10

Instrument :

MSVOA_X

ClientSampleId :

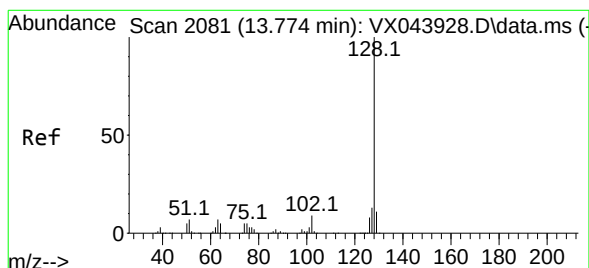
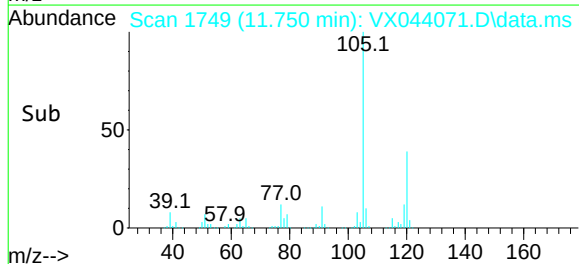
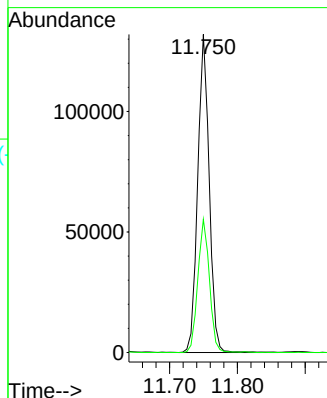
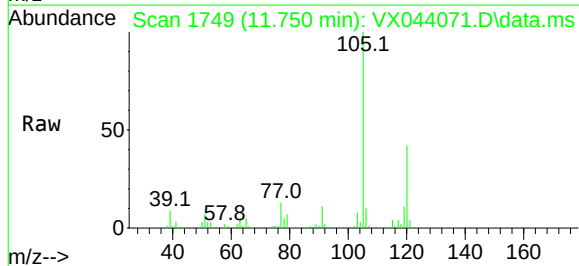
SPLP-C1-3RE

Tgt Ion:105 Resp: 154980

Ion Ratio Lower Upper

105 100

120 42.3 21.9 65.7



#95

Naphthalene

Concen: 1745.009 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044071.D

Acq: 02 Dec 2024 17:10

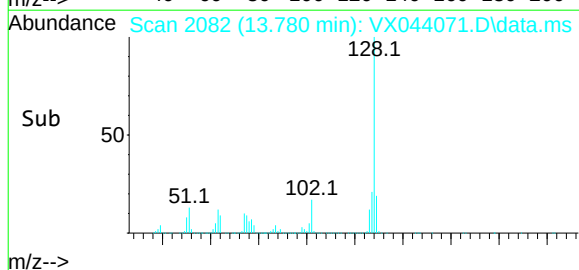
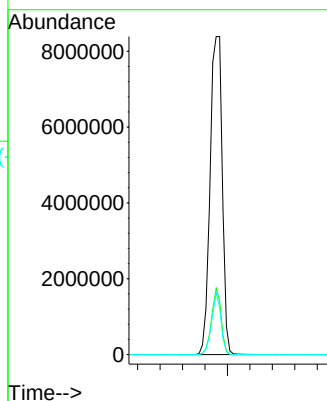
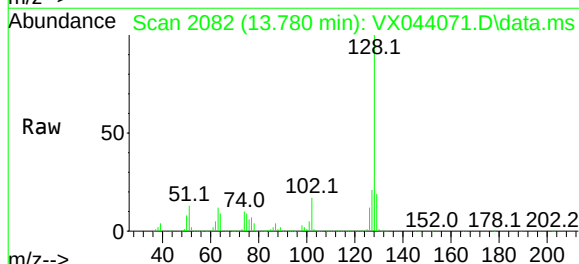
Tgt Ion:128 Resp:12639965

Ion Ratio Lower Upper

128 100

127 16.5 10.2 15.2#

129 14.7 8.6 12.8#



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-1	SDG No.:	P5001
Lab Sample ID:	P5001-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044034.D	1		11/27/24 12:45	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	28.6		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	54.4		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	8.10		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	21.2		0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	16.9		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-1	SDG No.:	P5001
Lab Sample ID:	P5001-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044034.D	1		11/27/24 12:45	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	44.7		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	20.1		0.31	10.0	ug/L
95-47-6	o-Xylene	20.7		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	3.00	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.7		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	26.5	*	70 (75) - 130 (124)	53%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	117000	5.544			
540-36-3	1,4-Difluorobenzene	223000	6.757			
3114-55-4	Chlorobenzene-d5	200000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	95800	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/25/24	
Client Sample ID:	SPLP-C2-1		SDG No.:	P5001	
Lab Sample ID:	P5001-04		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044034.D	1		11/27/24 12:45	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044034.D
 Acq On : 27 Nov 2024 12:45
 Operator : JC/MD
 Sample : P5001-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C2-1

Quant Time: Nov 28 00:44:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

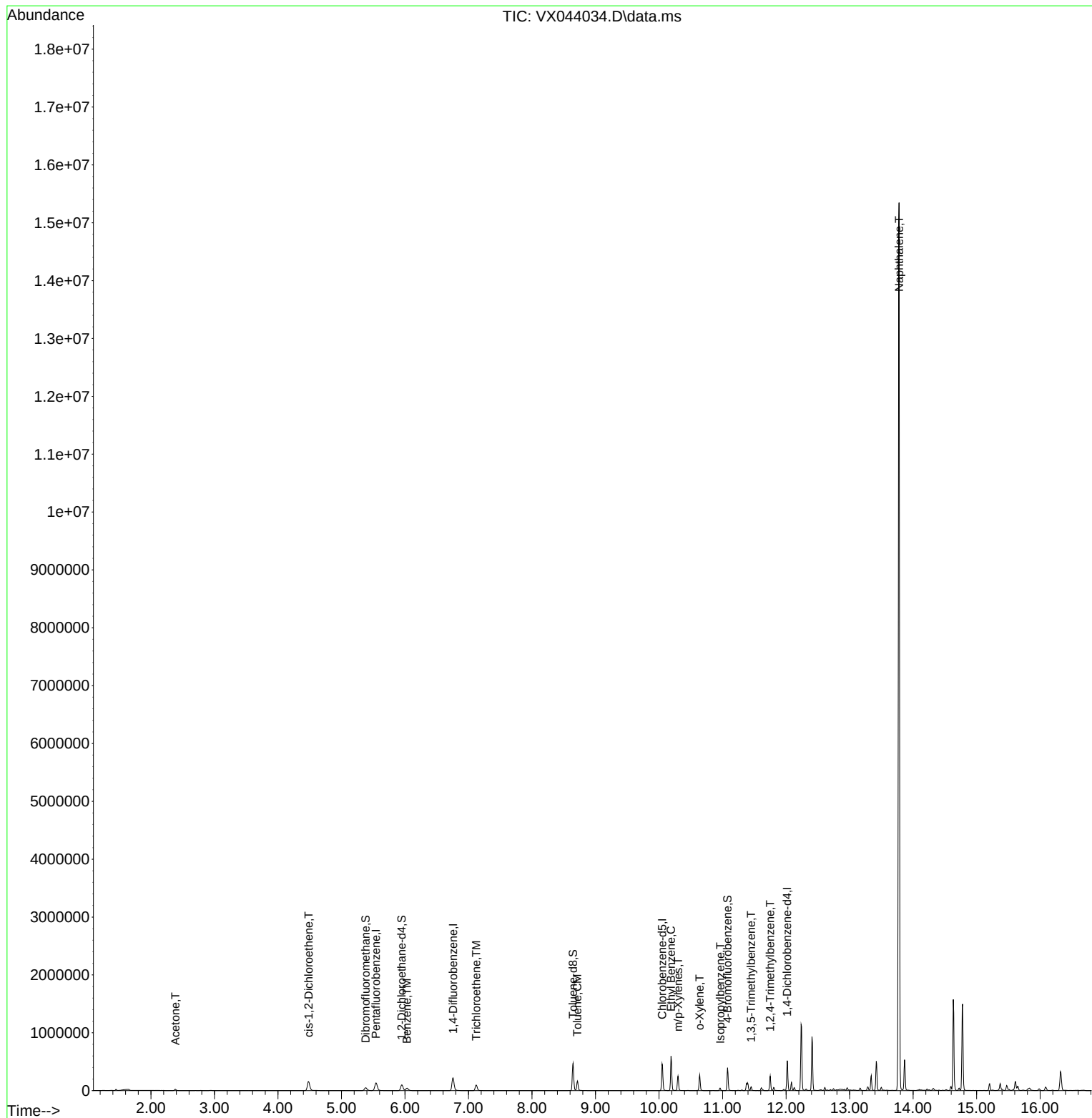
Internal Standards						
1) Pentafluorobenzene	5.544	168	117383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98073	48.712	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	97.420%	
35) Dibromofluoromethane	5.379	113	42157	26.479	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	52.960%#	
50) Toluene-d8	8.647	98	277293	50.527	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.060%	
62) 4-Bromofluorobenzene	11.079	95	99664	53.361	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	106.720%	
Target Compounds					Qvalue	
16) Acetone	2.386	43	26464	28.619	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	93869	54.380	ug/l	90
40) Benzene	6.031	78	50259	8.133	ug/l	95
44) Trichloroethene	7.123	130	37003	21.152	ug/l	95
52) Toluene	8.714	92	62364	16.861	ug/l	96
67) Ethyl Benzene	10.189	91	332803	44.744	ug/l	97
68) m/p-Xylenes	10.299	106	55877	20.145	ug/l	97
69) o-Xylene	10.640	106	56151	20.734	ug/l	100
73) Isopropylbenzene	10.963	105	22371	3.037	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	28240	4.660	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	102072	16.919	ug/l	97
95) Naphthalene	13.780	128	8630139	1259.201	ug/l	96

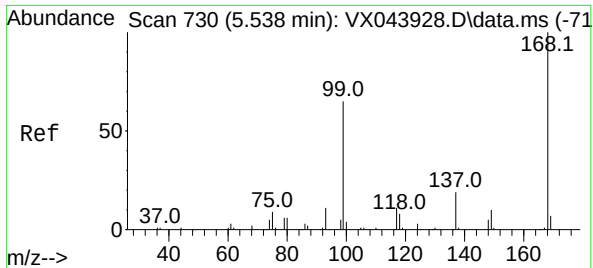
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044034.D
Acq On : 27 Nov 2024 12:45
Operator : JC/MD
Sample : P5001-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-1

Quant Time: Nov 28 00:44:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

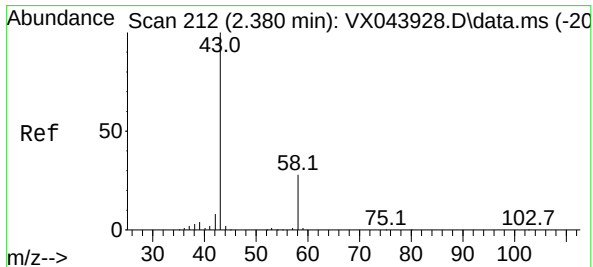
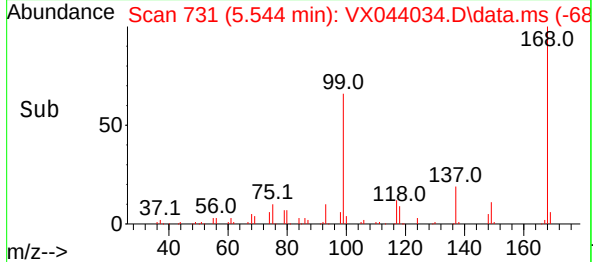
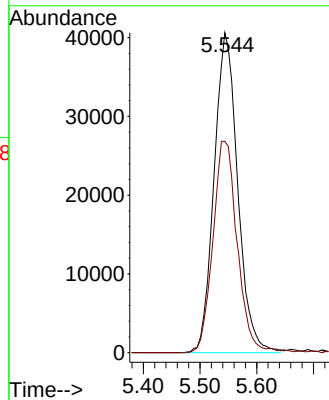
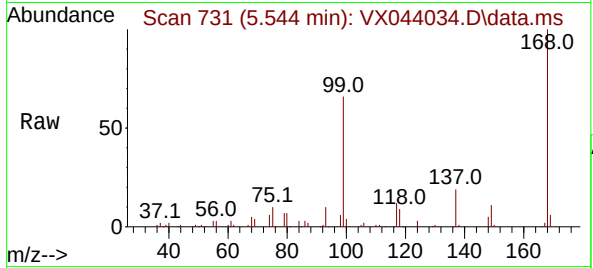




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044034.D
Acq: 27 Nov 2024 12:45

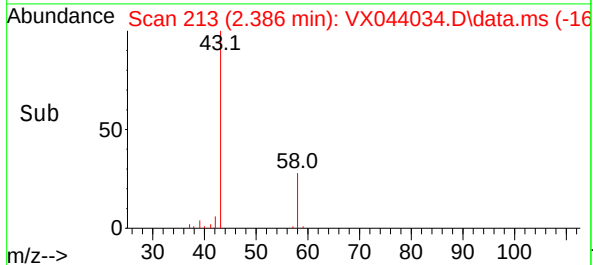
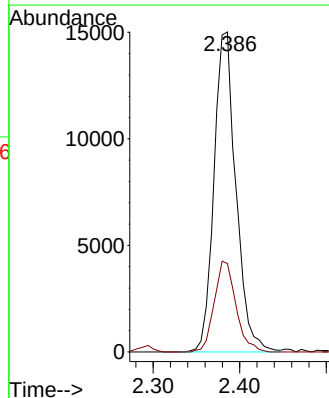
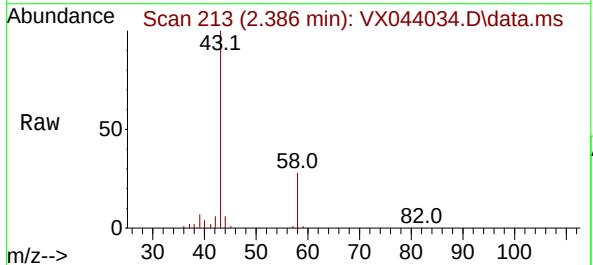
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-1

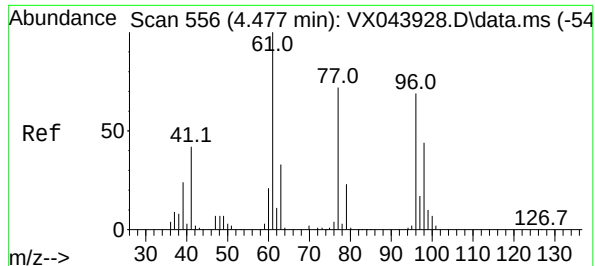
Tgt Ion:168 Resp: 117383
Ion Ratio Lower Upper
168 100
99 66.1 51.8 77.8



#16
Acetone
Concen: 28.619 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044034.D
Acq: 27 Nov 2024 12:45

Tgt Ion: 43 Resp: 26464
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 54.380 ug/l

RT: 4.483 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-1

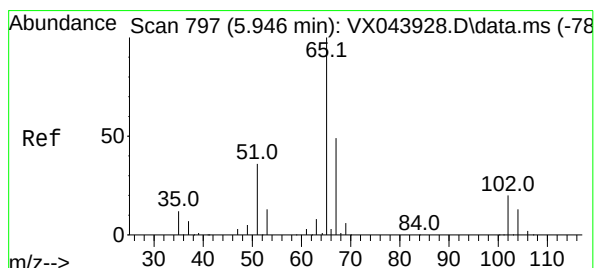
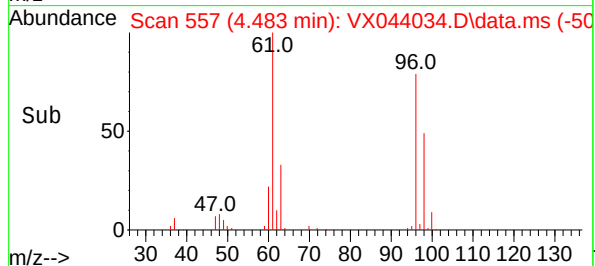
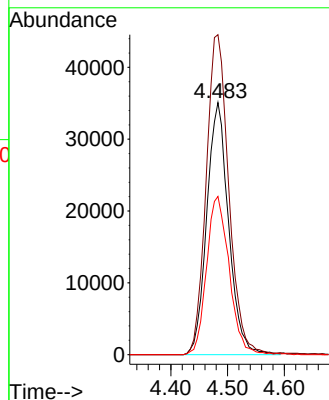
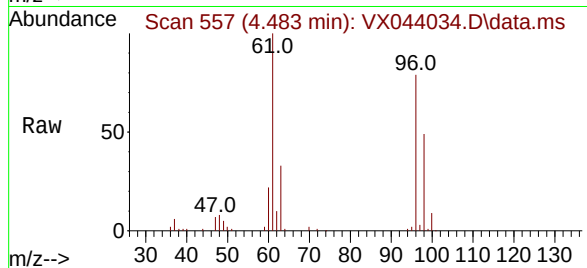
Tgt Ion: 96 Resp: 93869

Ion Ratio Lower Upper

96 100

61 131.8 0.0 297.4

98 65.1 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 48.712 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044034.D

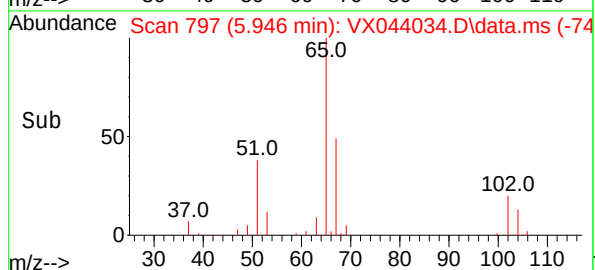
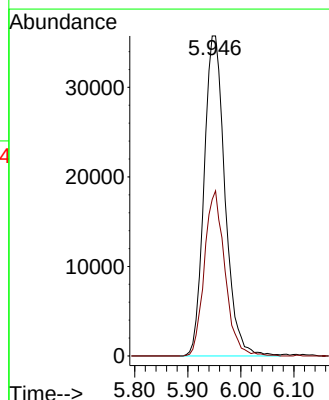
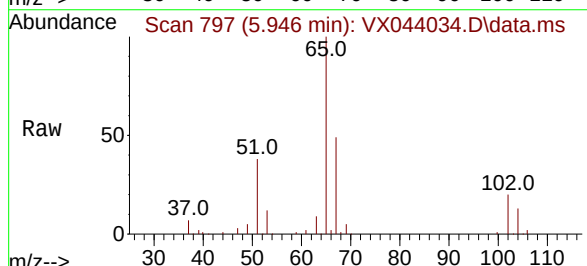
Acq: 27 Nov 2024 12:45

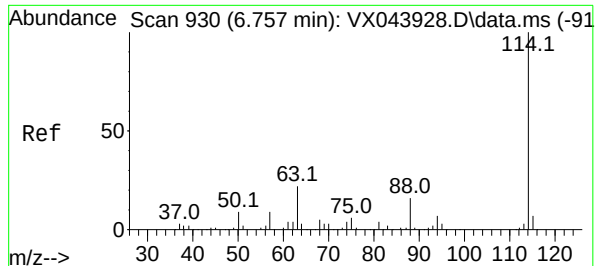
Tgt Ion: 65 Resp: 98073

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-1

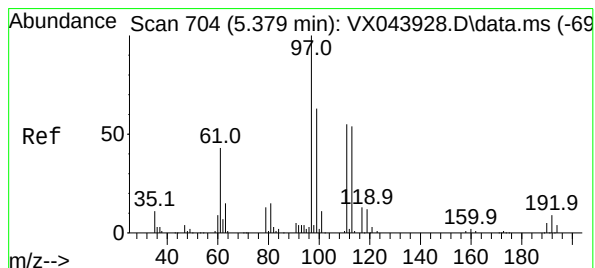
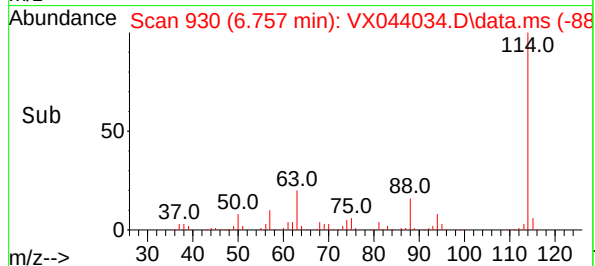
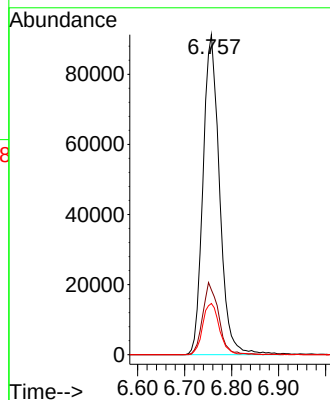
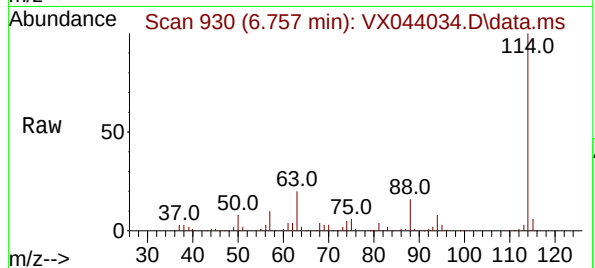
Tgt Ion:114 Resp: 222808

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.0

88 16.0 0.0 32.4



#35

Dibromofluoromethane

Concen: 26.479 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

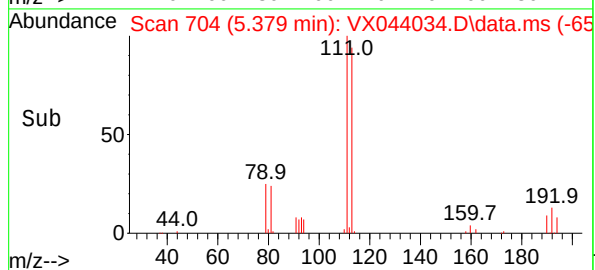
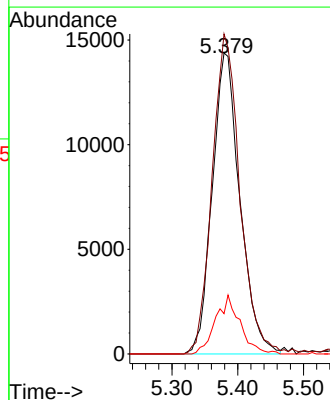
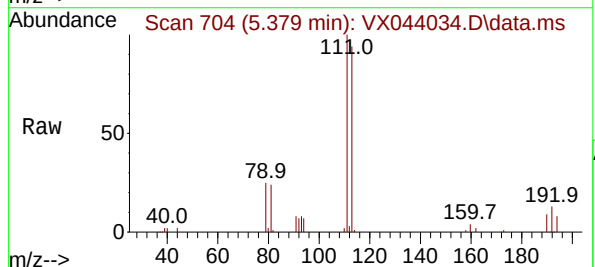
Tgt Ion:113 Resp: 42157

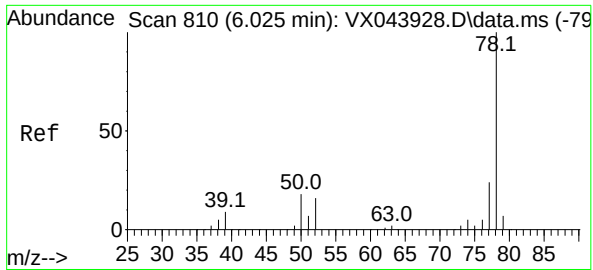
Ion Ratio Lower Upper

113 100

111 106.3 81.0 121.4

192 17.3 13.0 19.6





#40

Benzene

Concen: 8.133 ug/l

RT: 6.031 min Scan# 810

Delta R.T. 0.006 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

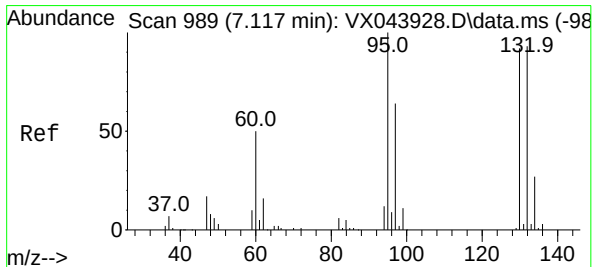
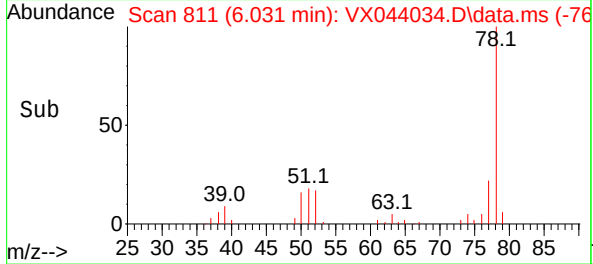
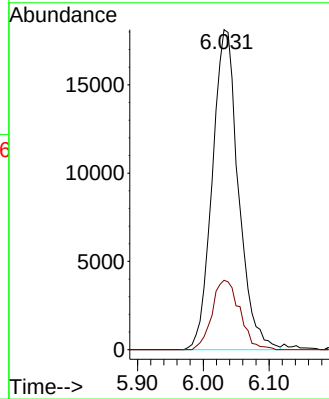
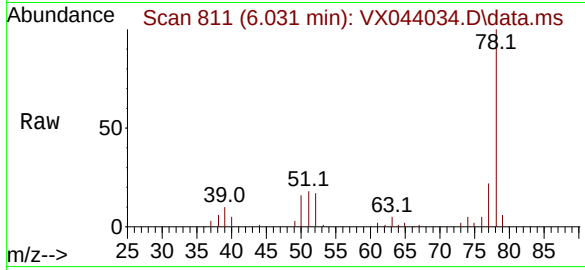
SPLP-C2-1

Tgt Ion: 78 Resp: 50259

Ion Ratio Lower Upper

78 100

77 21.7 19.2 28.8



#44

Trichloroethene

Concen: 21.152 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX044034.D

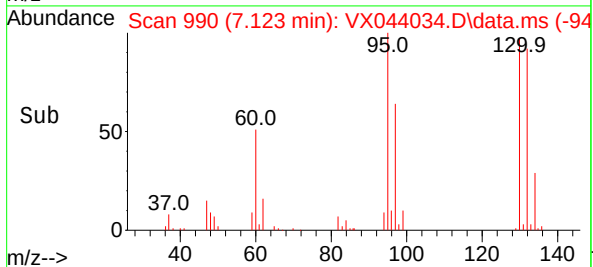
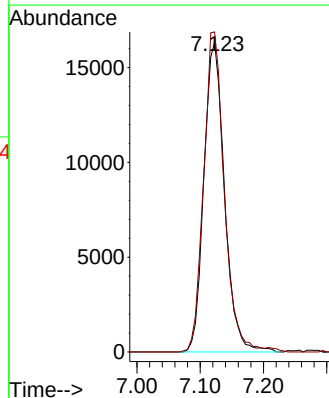
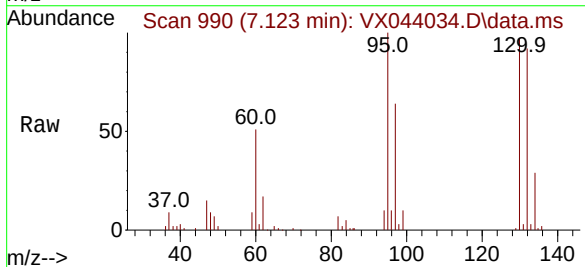
Acq: 27 Nov 2024 12:45

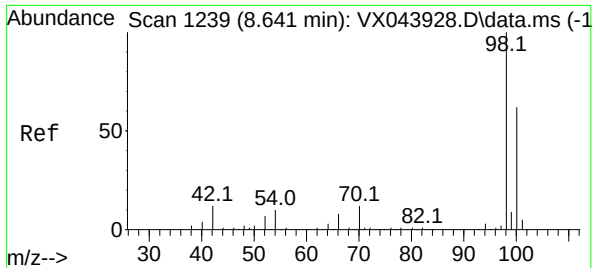
Tgt Ion:130 Resp: 37003

Ion Ratio Lower Upper

130 100

95 103.3 0.0 217.8





#50

Toluene-d8

Concen: 50.527 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

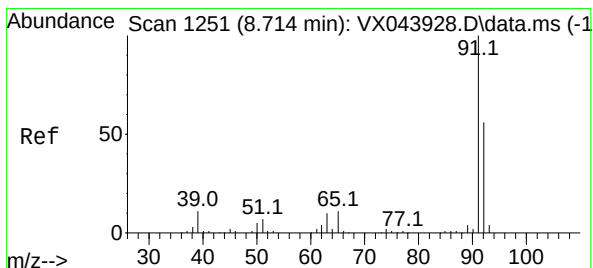
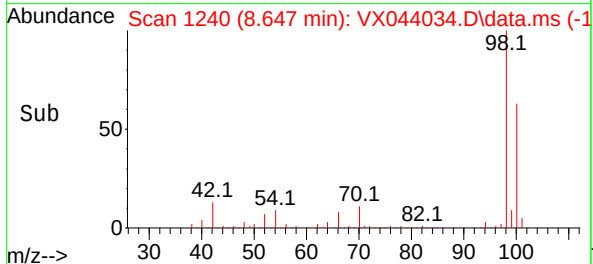
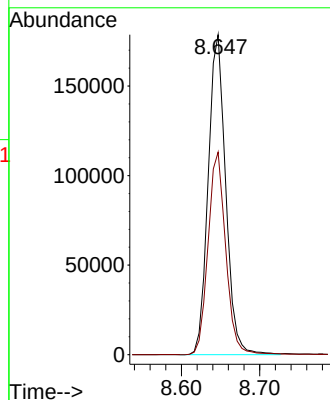
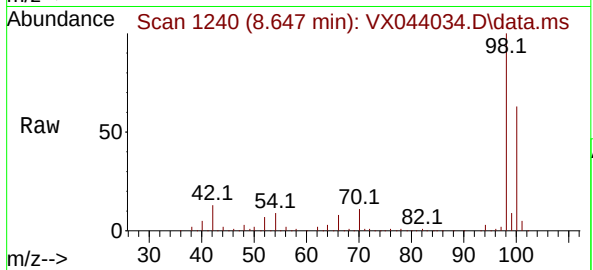
SPLP-C2-1

Tgt Ion: 98 Resp: 277293

Ion Ratio Lower Upper

98 100

100 64.0 52.6 79.0



#52

Toluene

Concen: 16.861 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044034.D

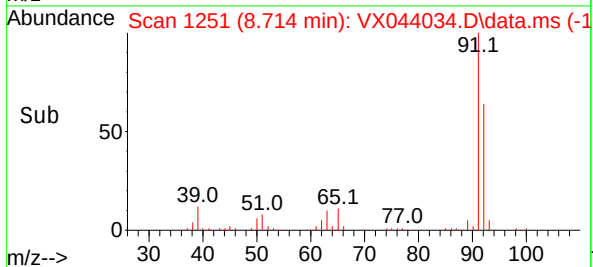
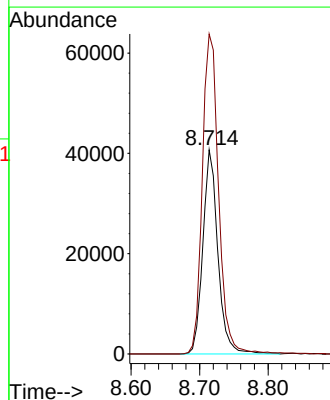
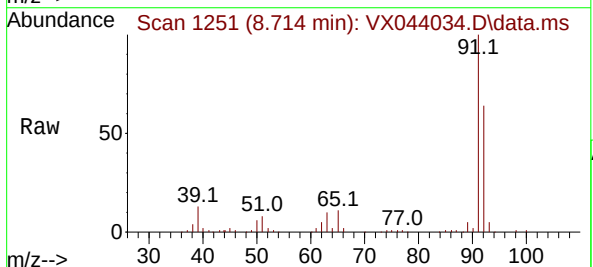
Acq: 27 Nov 2024 12:45

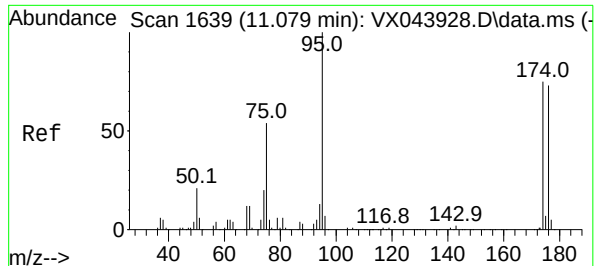
Tgt Ion: 92 Resp: 62364

Ion Ratio Lower Upper

92 100

91 169.1 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 53.361 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-1

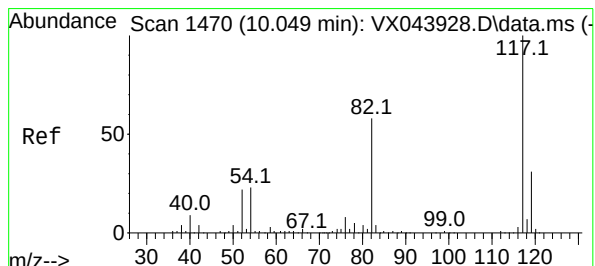
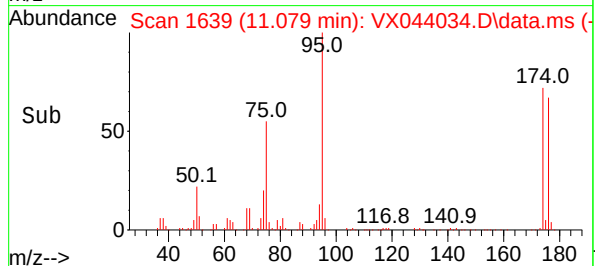
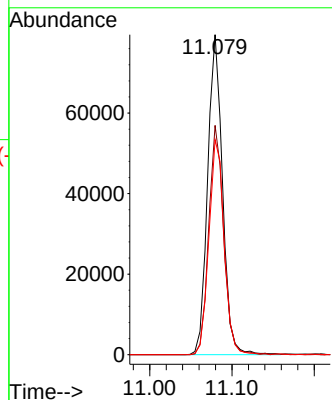
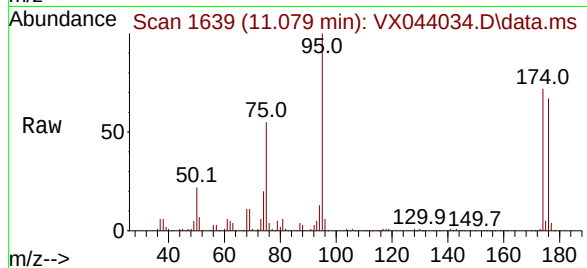
Tgt Ion: 95 Resp: 99664

Ion Ratio Lower Upper

95 100

174 71.6 0.0 150.4

176 69.1 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

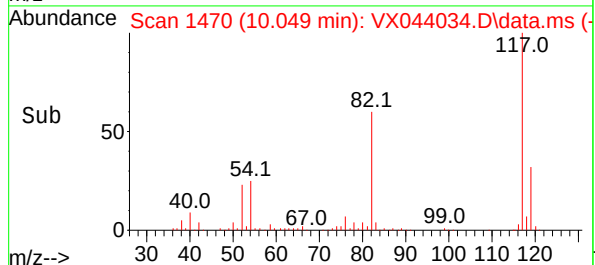
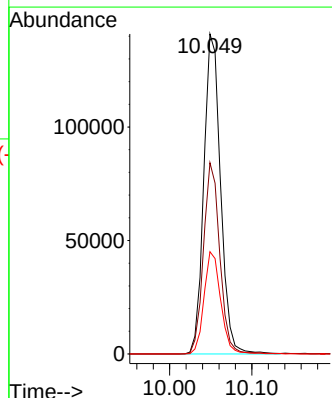
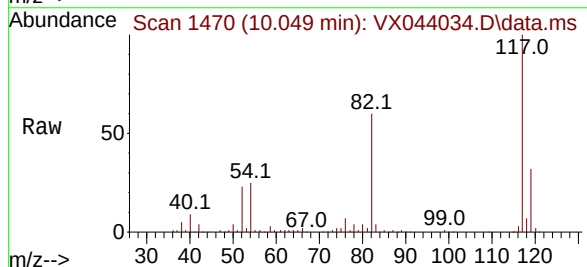
Tgt Ion: 117 Resp: 199857

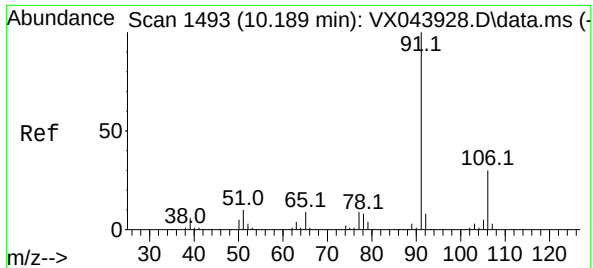
Ion Ratio Lower Upper

117 100

82 59.7 46.4 69.6

119 32.0 24.6 37.0





#67

Ethyl Benzene

Concen: 44.744 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

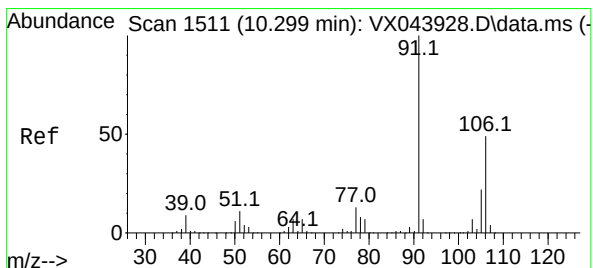
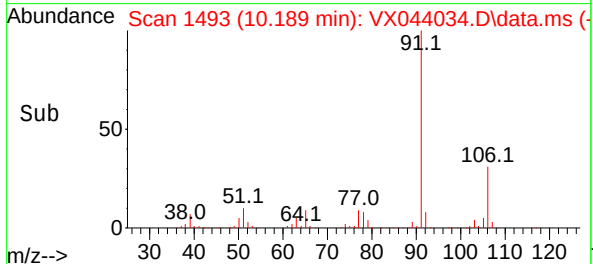
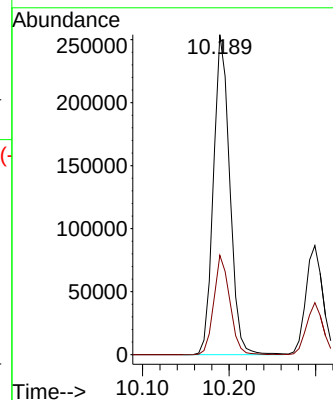
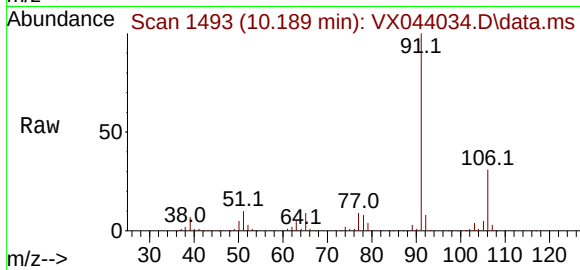
SPLP-C2-1

Tgt Ion: 91 Resp: 332803

Ion Ratio Lower Upper

91 100

106 31.0 23.6 35.4



#68

m/p-Xylenes

Concen: 20.145 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044034.D

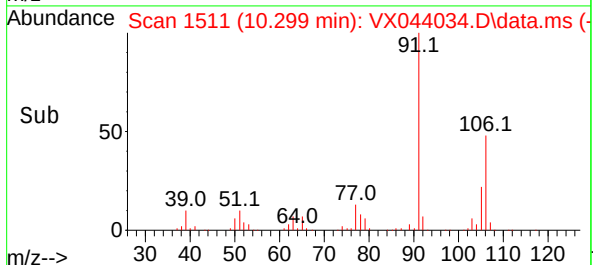
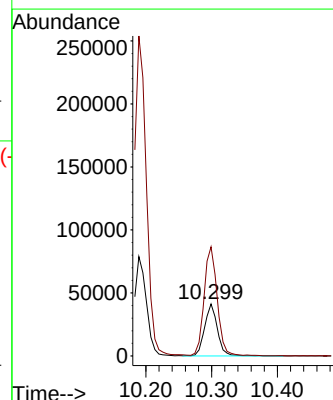
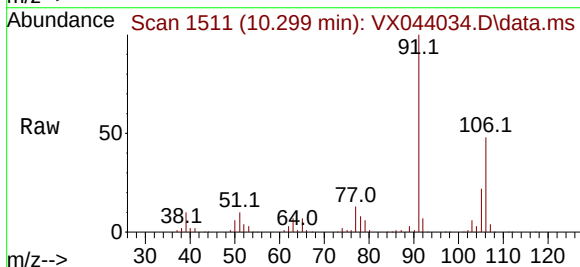
Acq: 27 Nov 2024 12:45

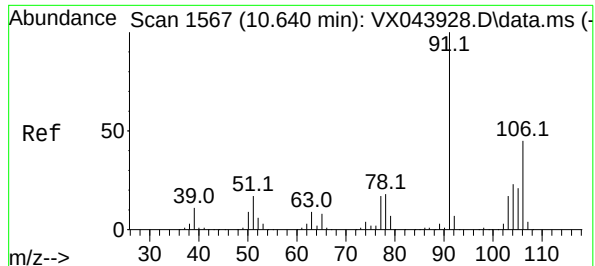
Tgt Ion:106 Resp: 55877

Ion Ratio Lower Upper

106 100

91 214.4 168.1 252.1





#69

o-Xylene

Concen: 20.734 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

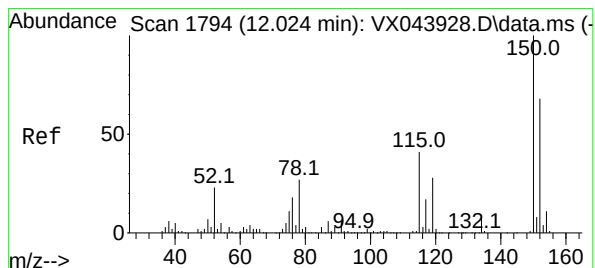
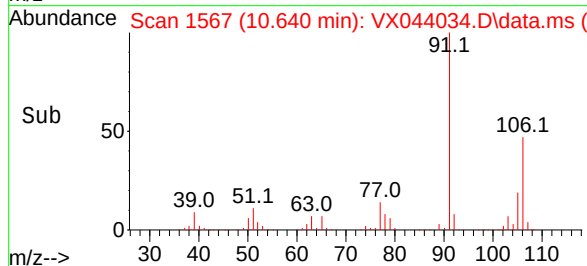
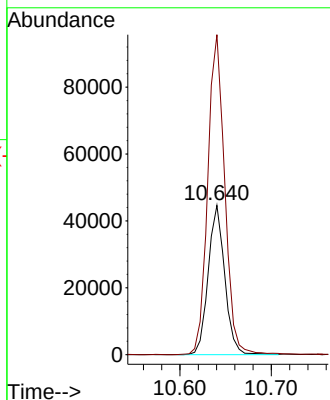
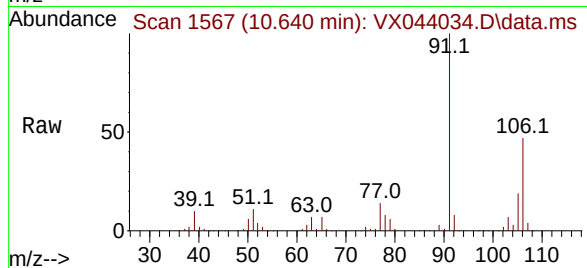
SPLP-C2-1

Tgt Ion:106 Resp: 56151

Ion Ratio Lower Upper

106 100

91 220.7 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

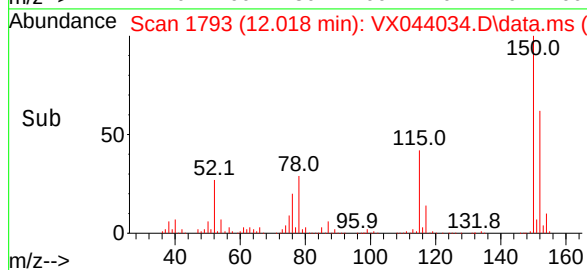
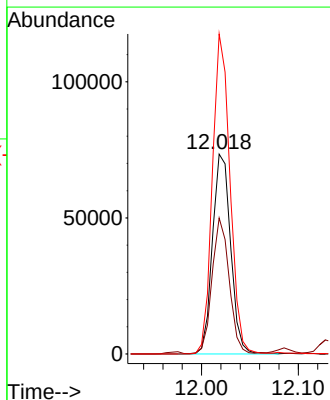
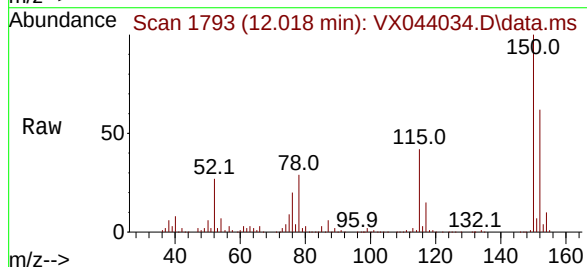
Tgt Ion:152 Resp: 95817

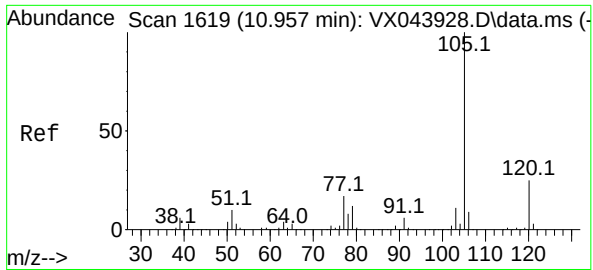
Ion Ratio Lower Upper

152 100

115 63.6 45.4 136.2

150 154.6 0.0 353.0





#73

Isopropylbenzene

Concen: 3.037 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

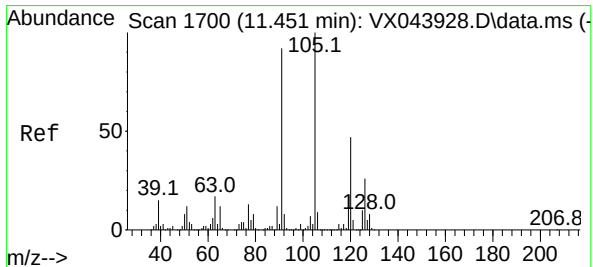
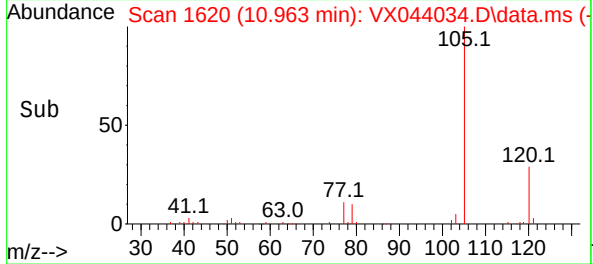
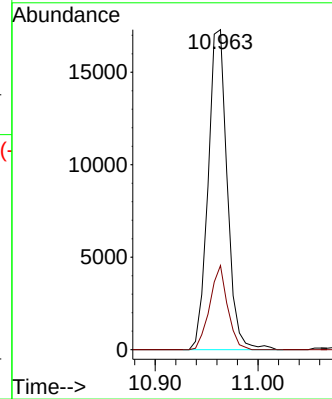
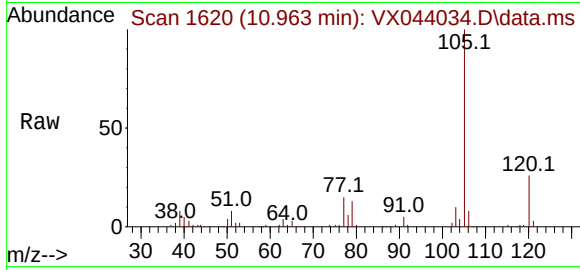
SPLP-C2-1

Tgt Ion:105 Resp: 22371

Ion Ratio Lower Upper

105 100

120 24.5 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 4.660 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044034.D

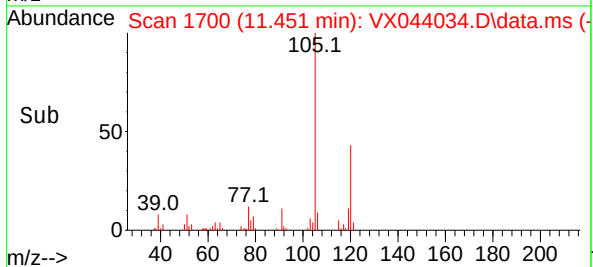
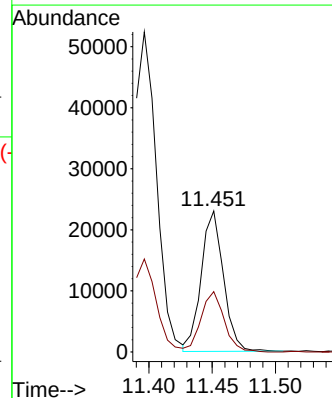
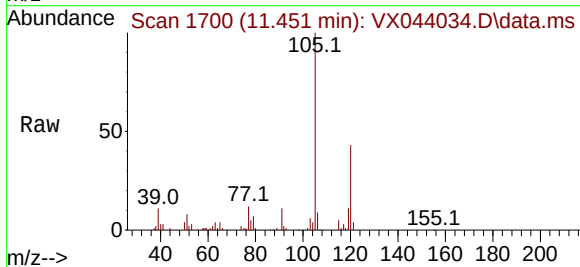
Acq: 27 Nov 2024 12:45

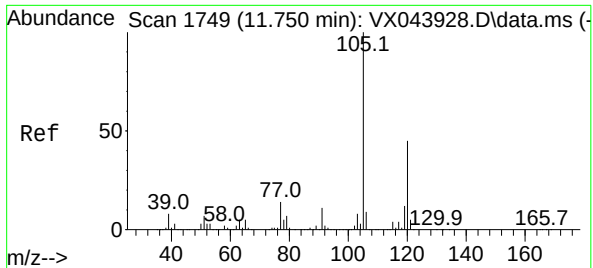
Tgt Ion:105 Resp: 28240

Ion Ratio Lower Upper

105 100

120 44.7 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 16.919 ug/l

RT: 11.750 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

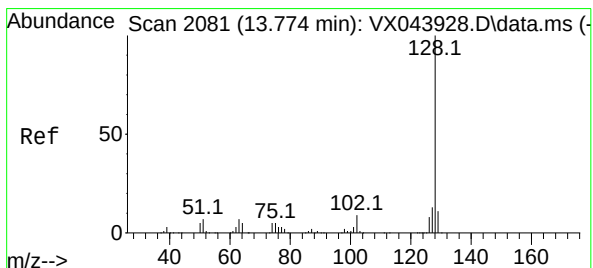
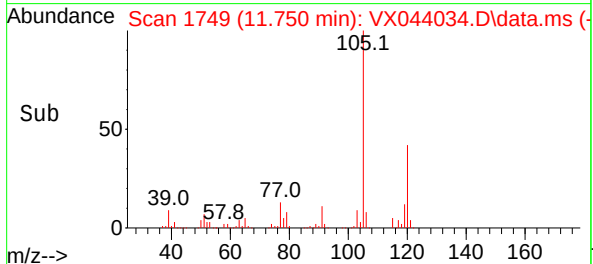
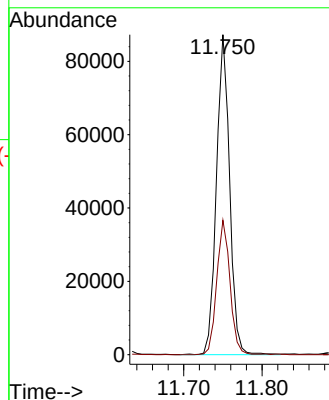
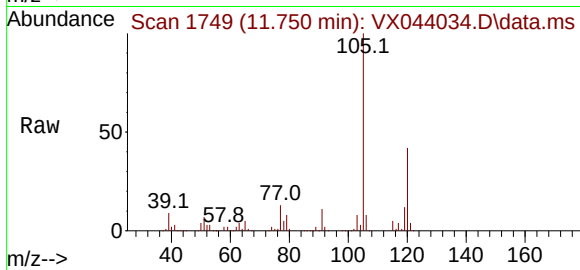
SPLP-C2-1

Tgt Ion:105 Resp: 102072

Ion Ratio Lower Upper

105 100

120 42.1 21.9 65.7



#95

Naphthalene

Concen: 1259.201 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

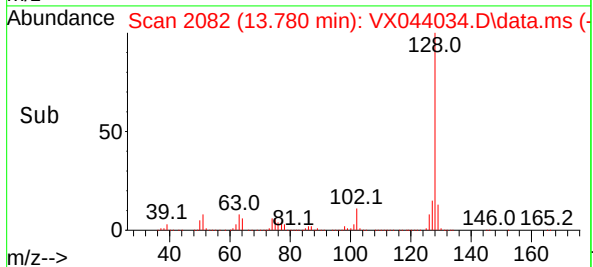
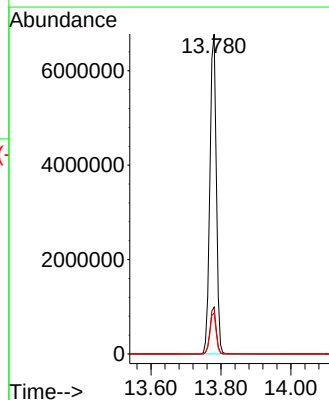
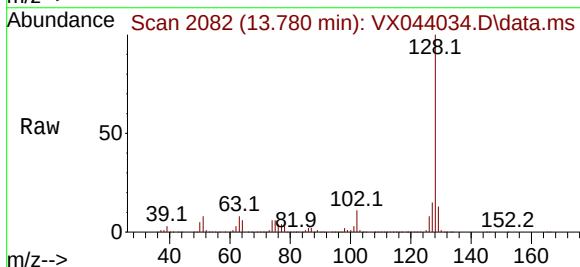
Tgt Ion:128 Resp: 8630139

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.2

129 12.2 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-1RE	SDG No.:	P5001
Lab Sample ID:	P5001-04RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044072.D	1		12/02/24 17:32	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	28.0		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	52.9		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	7.50		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	19.4		0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	15.6		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-1RE	SDG No.:	P5001
Lab Sample ID:	P5001-04RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044072.D	1		12/02/24 17:32	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	43.2		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	19.1		0.31	10.0	ug/L
95-47-6	o-Xylene	20.3		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	2.90	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.7		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	28.9	*	70 (75) - 130 (124)	58%	SPK: 50
2037-26-5	Toluene-d8	50.4		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	119000	5.544			
540-36-3	1,4-Difluorobenzene	231000	6.757			
3114-55-4	Chlorobenzene-d5	205000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	97300	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-1RE	SDG No.:	P5001
Lab Sample ID:	P5001-04RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044072.D	1		12/02/24 17:32	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044072.D
 Acq On : 02 Dec 2024 17:32
 Operator : JC/MD
 Sample : P5001-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C2-1RE

Quant Time: Dec 03 00:25:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

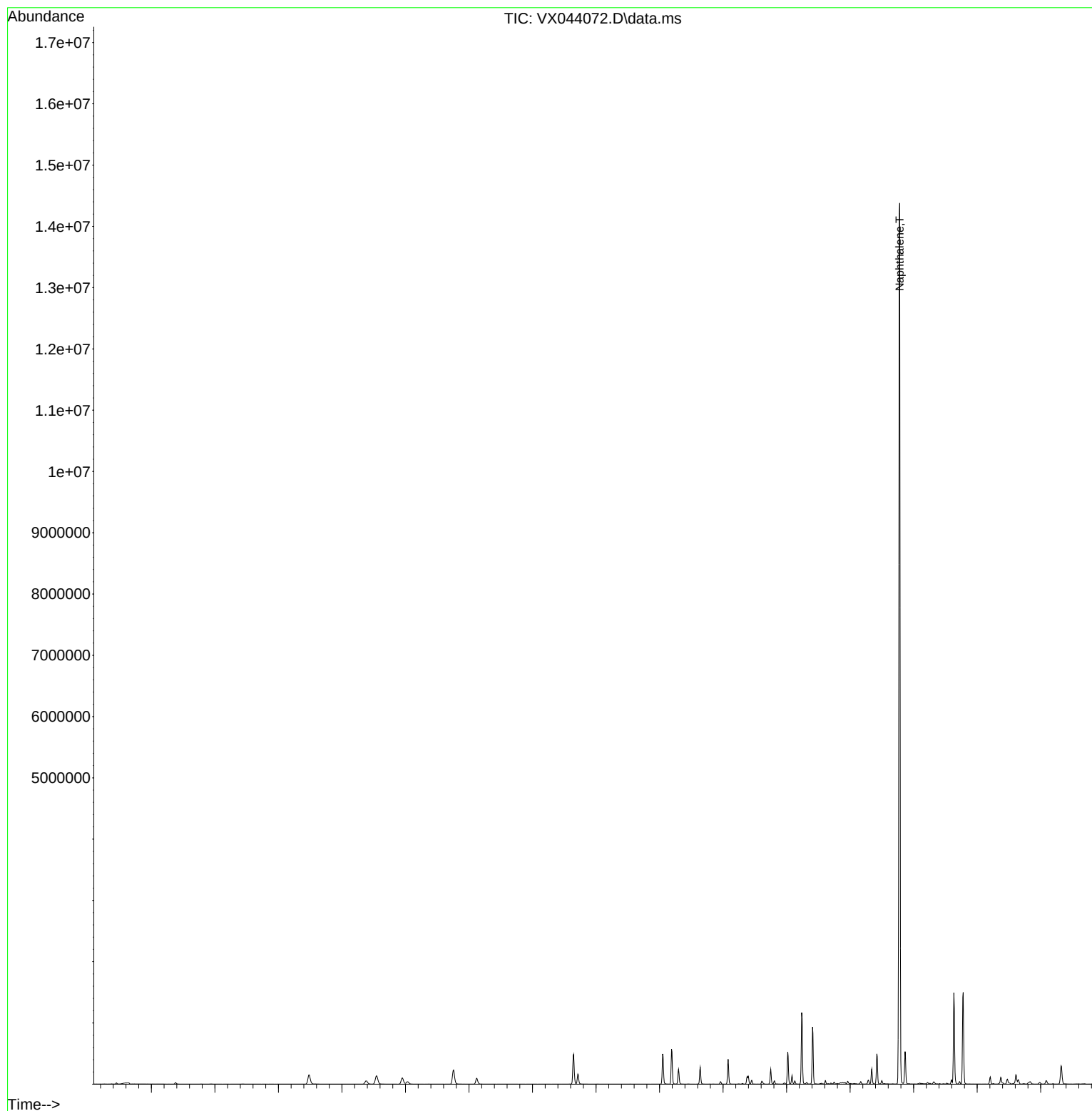
Internal Standards						
1) Pentafluorobenzene	5.544	168	119282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	204538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103768	50.720	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.440%			
35) Dibromofluoromethane	5.379	113	47734	28.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 57.880%#			
50) Toluene-d8	8.647	98	286656	50.415	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.820%			
62) 4-Bromofluorobenzene	11.079	95	101529	52.467	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.940%			
Target Compounds						
						Qvalue
16) Acetone	2.380	43	26351	28.043	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	92808	52.909	ug/l	91
40) Benzene	6.038	78	47730	7.455	ug/l	99
44) Trichloroethene	7.123	130	35225	19.434	ug/l	91
52) Toluene	8.714	92	59811	15.608	ug/l	99
67) Ethyl Benzene	10.189	91	328471	43.151	ug/l	99
68) m/p-Xylenes	10.299	106	54288	19.124	ug/l	96
69) o-Xylene	10.640	106	56249	20.295	ug/l	98
73) Isopropylbenzene	10.964	105	21545	2.880	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	27542	4.476	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	100490	16.402	ug/l	97
95) Naphthalene	13.780	128	8401769	1207.096	ug/l	96

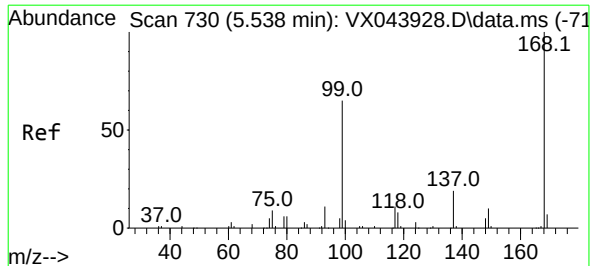
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044072.D
Acq On : 02 Dec 2024 17:32
Operator : JC/MD
Sample : P5001-04RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-1RE

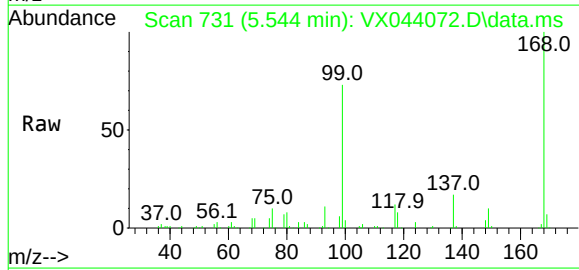
Quant Time: Dec 03 00:25:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



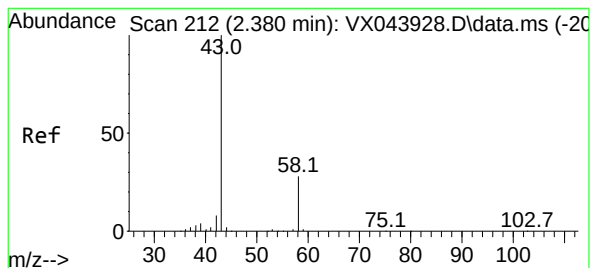
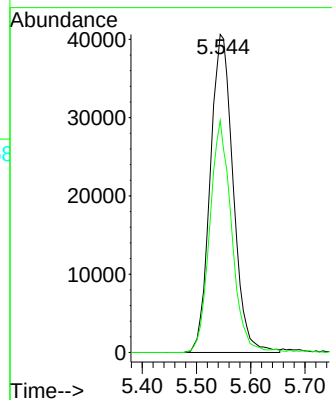
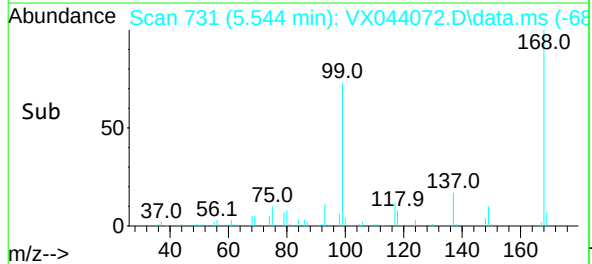


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 730
Delta R.T. 0.006 min
Lab File: VX044072.D
Acq: 02 Dec 2024 17:32

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-1RE

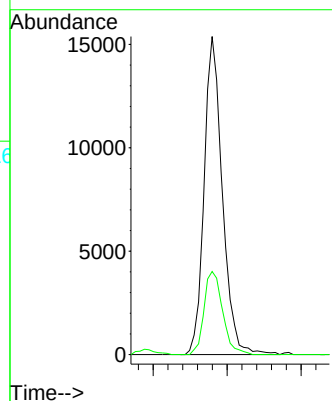
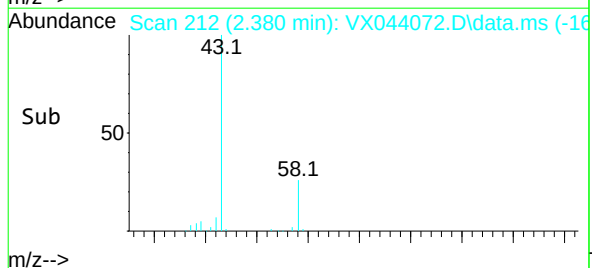
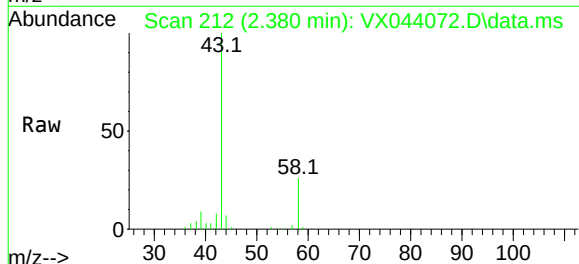


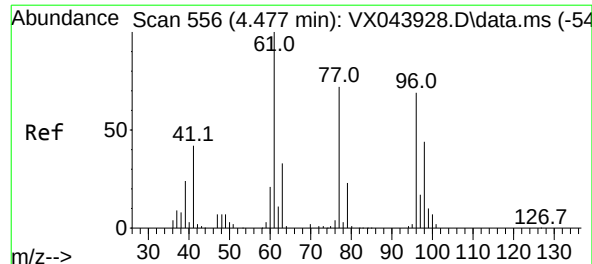
Tgt Ion: 168 Resp: 119282
Ion Ratio Lower Upper
168 100
99 72.9 51.8 77.8



#16
Acetone
Concen: 28.043 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044072.D
Acq: 02 Dec 2024 17:32

Tgt Ion: 43 Resp: 26351
Ion Ratio Lower Upper
43 100
58 26.1 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.909 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX044072.D

Acq: 02 Dec 2024 17:32

Instrument :

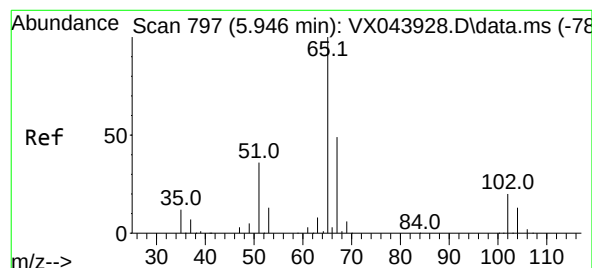
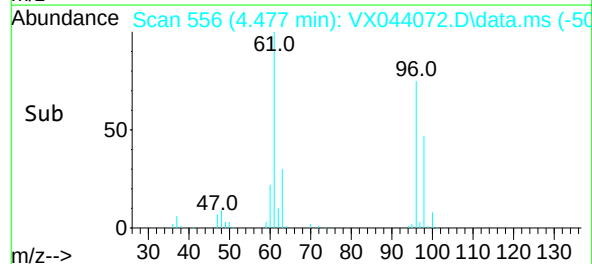
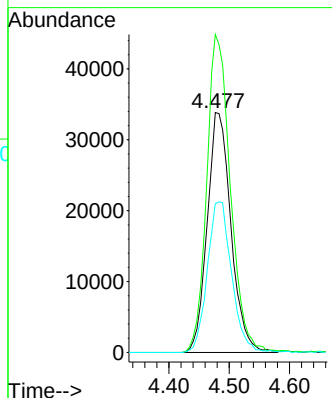
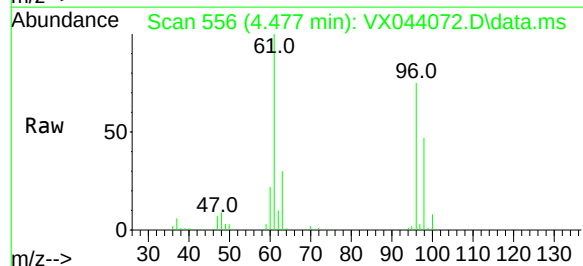
MSVOA_X

ClientSampleId :

SPLP-C2-1RE

Tgt Ion: 96 Resp: 92808

Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	297.4
98	64.1	0.0	127.8



#33

1,2-Dichloroethane-d4

Concen: 50.720 ug/l

RT: 5.952 min Scan# 798

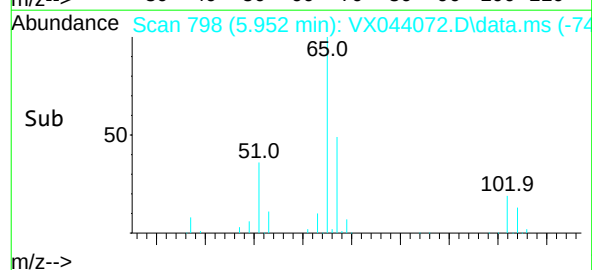
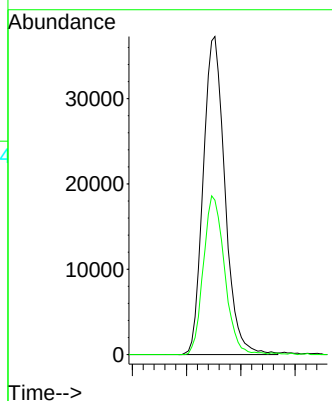
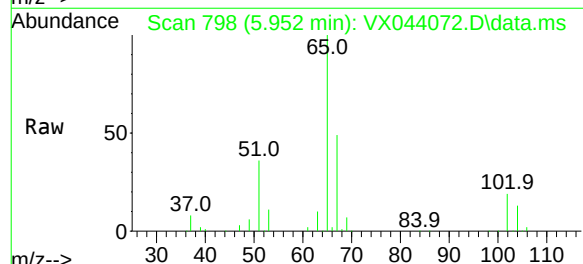
Delta R.T. 0.006 min

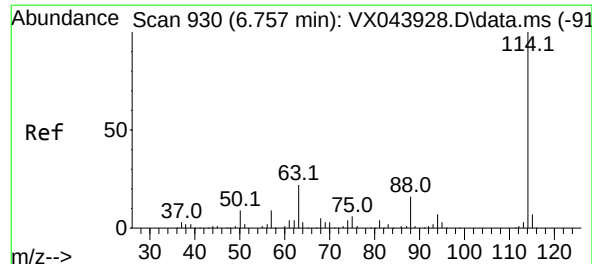
Lab File: VX044072.D

Acq: 02 Dec 2024 17:32

Tgt Ion: 65 Resp: 103768

Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044072.D

Acq: 02 Dec 2024 17:32

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-1RE

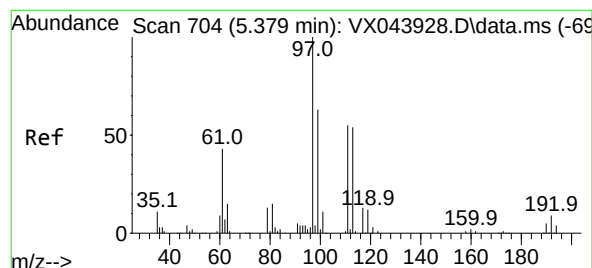
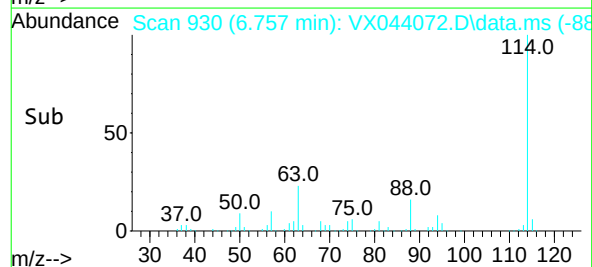
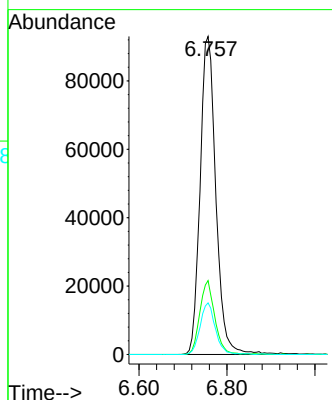
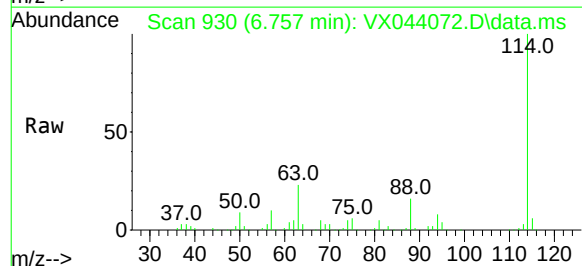
Tgt Ion:114 Resp: 230844

Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.0

88 16.2 0.0 32.4



#35

Dibromofluoromethane

Concen: 28.939 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044072.D

Acq: 02 Dec 2024 17:32

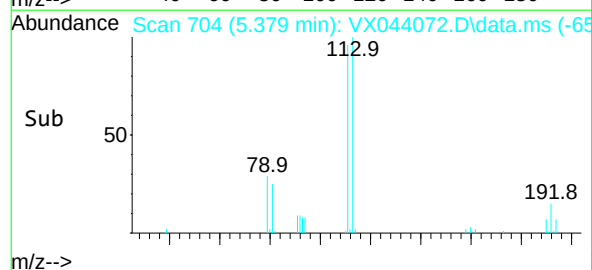
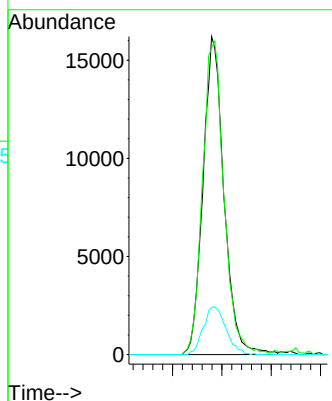
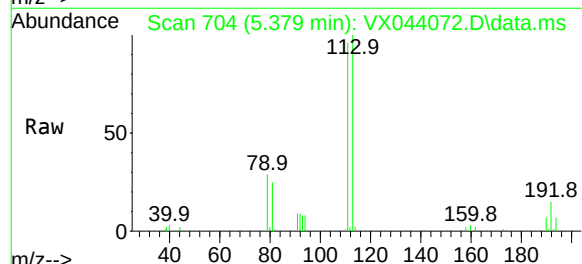
Tgt Ion:113 Resp: 47734

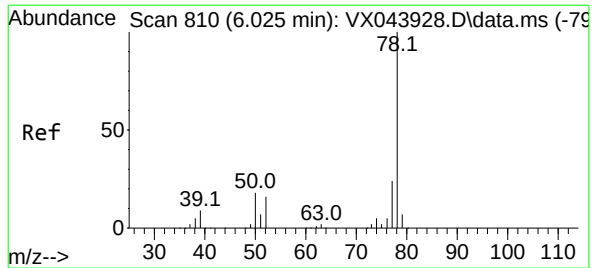
Ion Ratio Lower Upper

113 100

111 100.8 81.0 121.4

192 16.3 13.0 19.6





#40

Benzene

Concen: 7.455 ug/l

RT: 6.038 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044072.D

Acq: 02 Dec 2024 17:32

Instrument :

MSVOA_X

ClientSampleId :

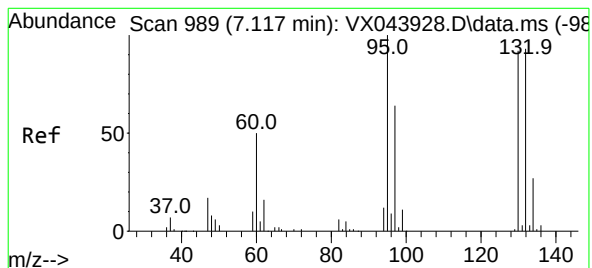
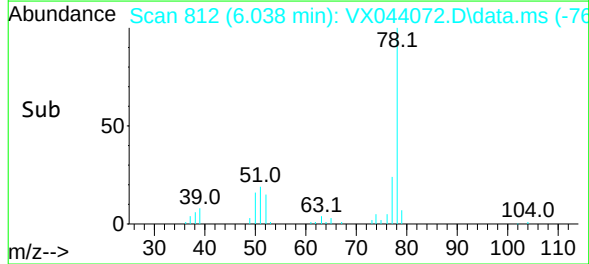
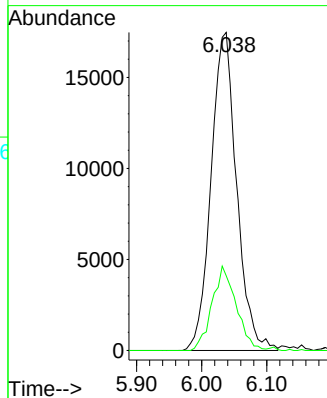
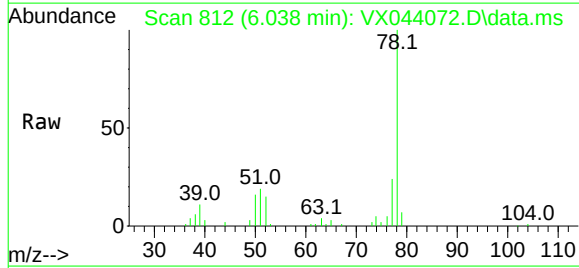
SPLP-C2-1RE

Tgt Ion: 78 Resp: 47730

Ion Ratio Lower Upper

78 100

77 23.5 19.2 28.8



#44

Trichloroethene

Concen: 19.434 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX044072.D

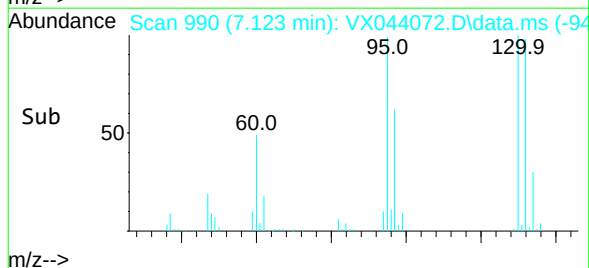
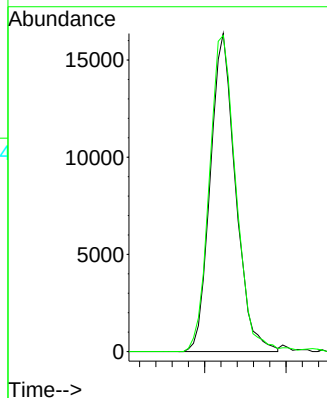
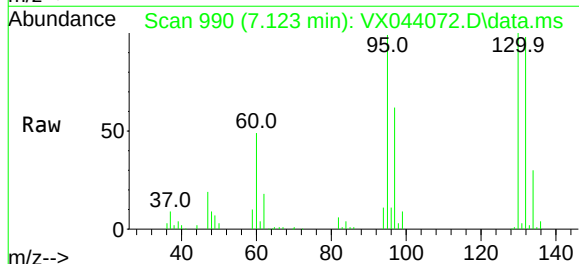
Acq: 02 Dec 2024 17:32

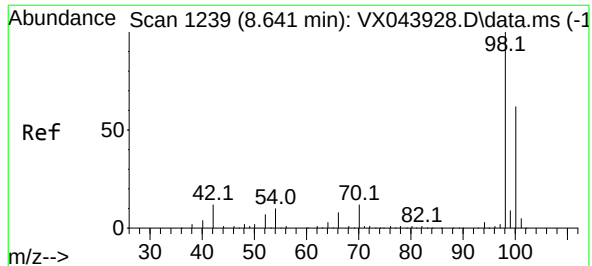
Tgt Ion: 130 Resp: 35225

Ion Ratio Lower Upper

130 100

95 99.4 0.0 217.8





#50

Toluene-d8

Concen: 50.415 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044072.D

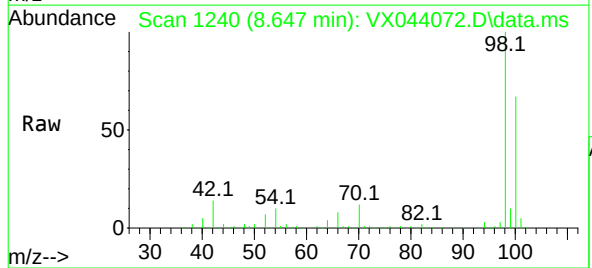
Acq: 02 Dec 2024 17:32

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-1RE

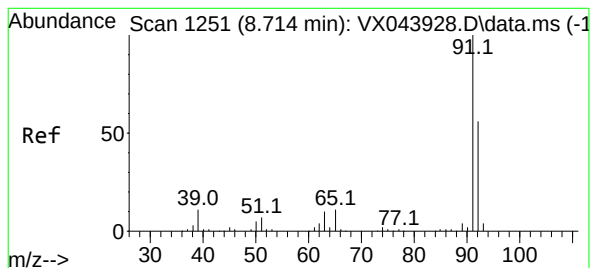
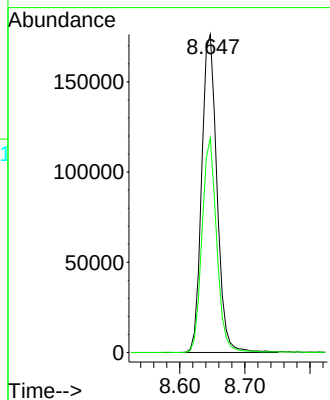
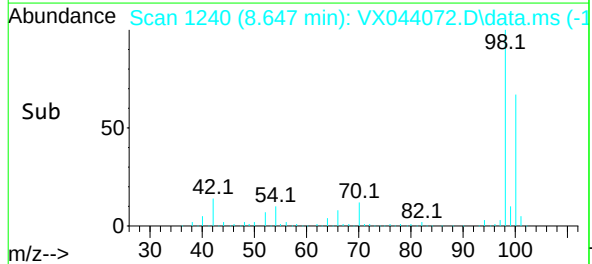


Tgt Ion: 98 Resp: 286656

Ion Ratio Lower Upper

98 100

100 65.0 52.6 79.0



#52

Toluene

Concen: 15.608 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044072.D

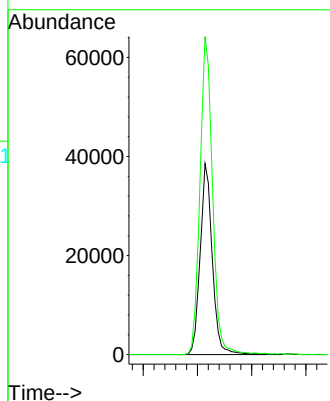
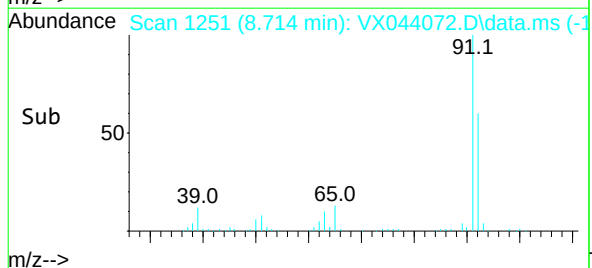
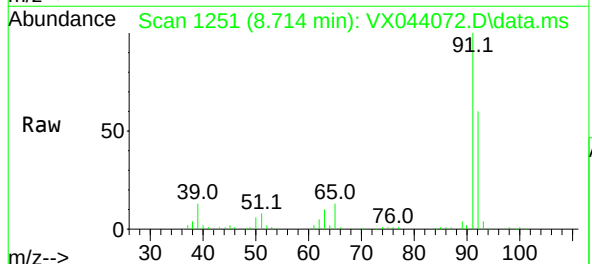
Acq: 02 Dec 2024 17:32

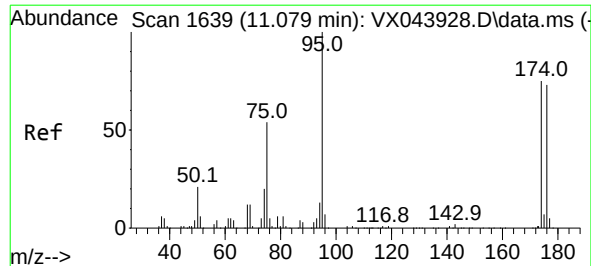
Tgt Ion: 92 Resp: 59811

Ion Ratio Lower Upper

92 100

91 172.9 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 52.467 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044072.D

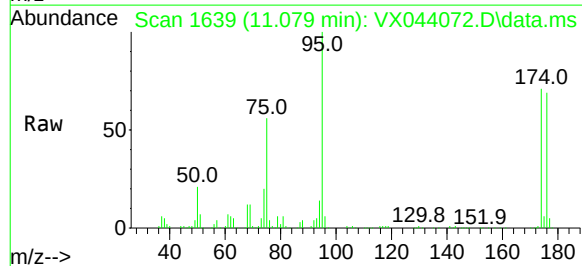
Acq: 02 Dec 2024 17:32

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-1RE



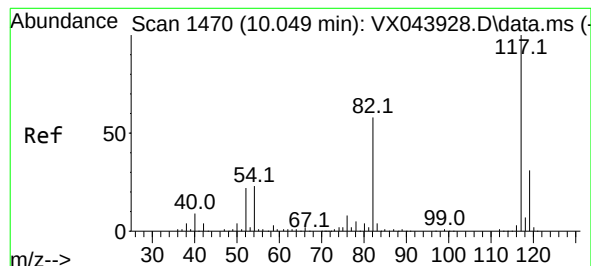
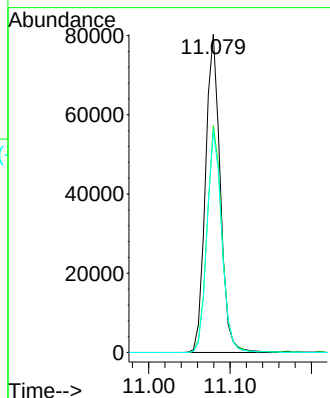
Tgt Ion: 95 Resp: 101529

Ion Ratio Lower Upper

95 100

174 71.7 0.0 150.4

176 69.7 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044072.D

Acq: 02 Dec 2024 17:32

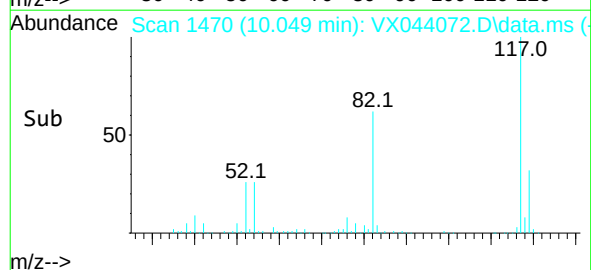
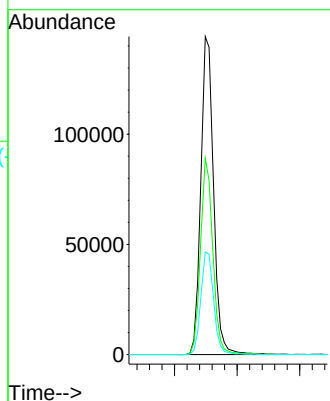
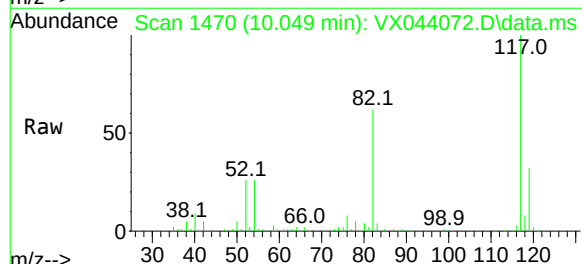
Tgt Ion: 117 Resp: 204538

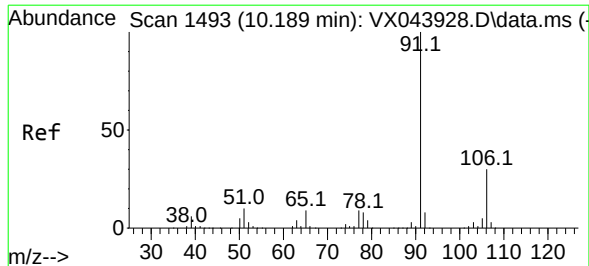
Ion Ratio Lower Upper

117 100

82 61.7 46.4 69.6

119 32.3 24.6 37.0





#67

Ethyl Benzene

Concen: 43.151 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044072.D

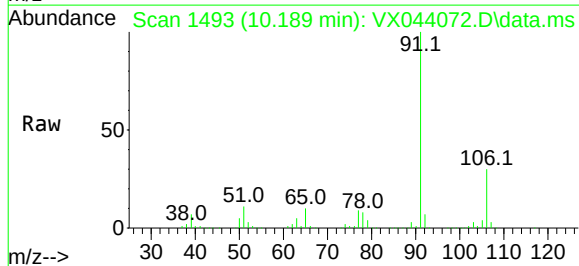
Acq: 02 Dec 2024 17:32

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-1RE

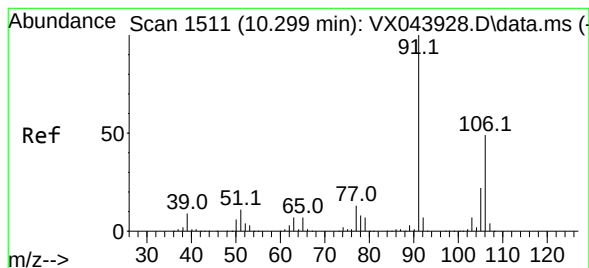
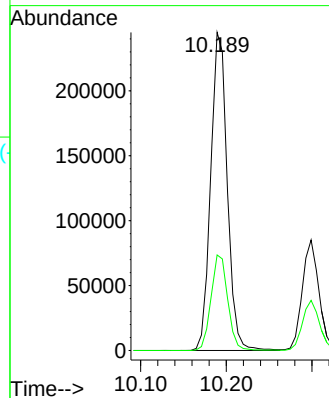
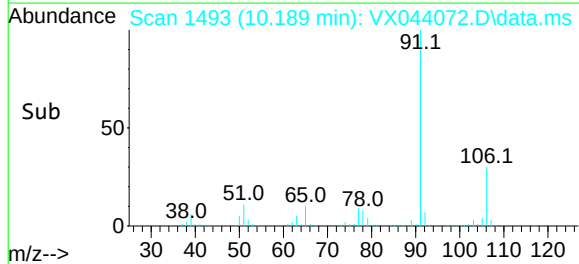


Tgt Ion: 91 Resp: 328471

Ion Ratio Lower Upper

91 100

106 30.0 23.6 35.4



#68

m/p-Xylenes

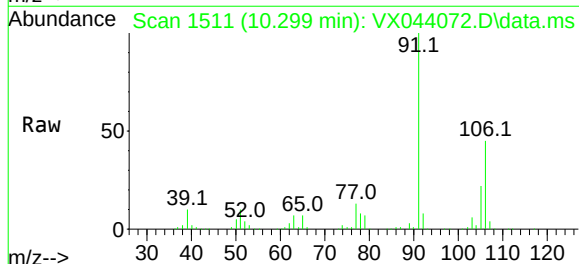
Concen: 19.124 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044072.D

Acq: 02 Dec 2024 17:32

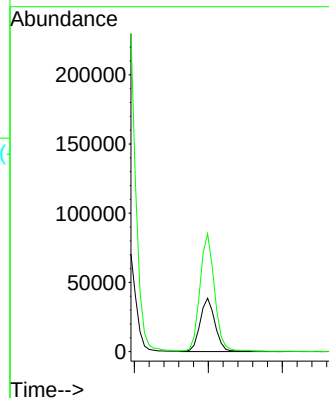
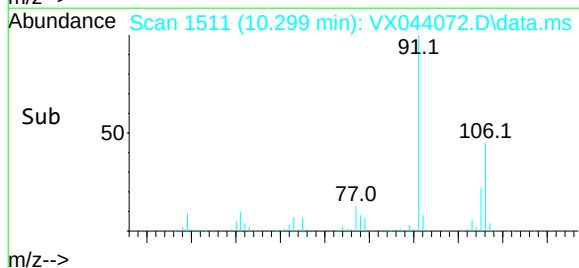


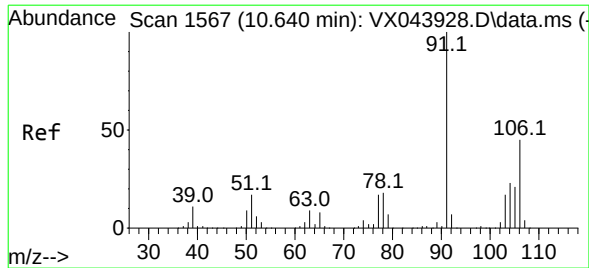
Tgt Ion: 106 Resp: 54288

Ion Ratio Lower Upper

106 100

91 216.1 168.1 252.1





#69

o-Xylene

Concen: 20.295 ug/l

RT: 10.640 min Scan# 15

Delta R.T. -0.000 min

Lab File: VX044072.D

Acq: 02 Dec 2024 17:32

Instrument :

MSVOA_X

ClientSampleId :

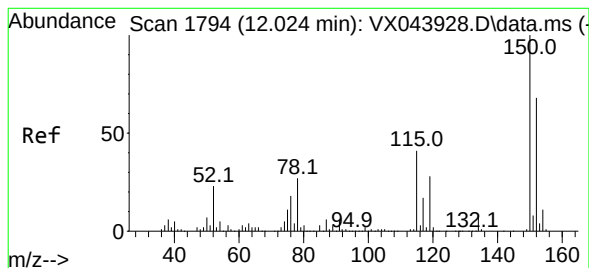
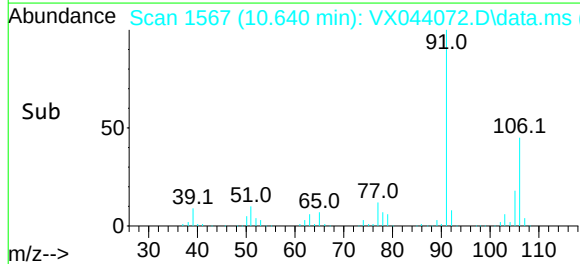
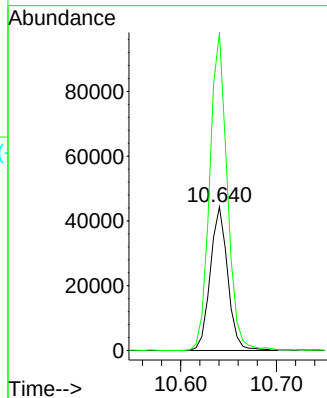
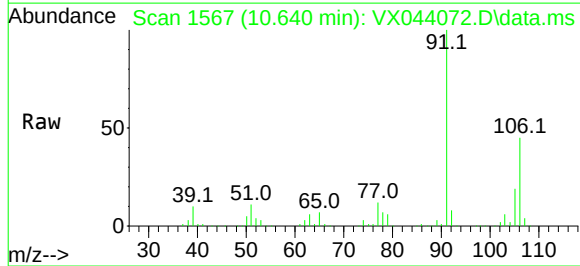
SPLP-C2-1RE

Tgt Ion:106 Resp: 56249

Ion Ratio Lower Upper

106 100

91 223.2 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044072.D

Acq: 02 Dec 2024 17:32

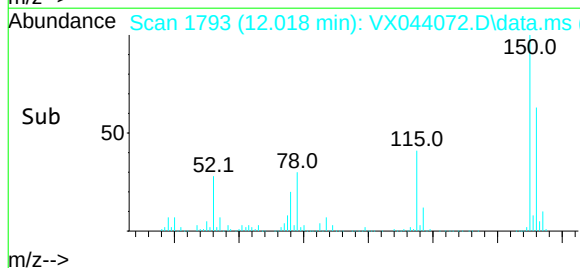
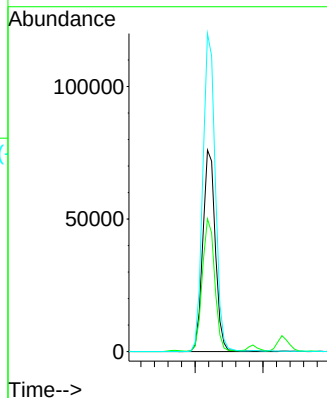
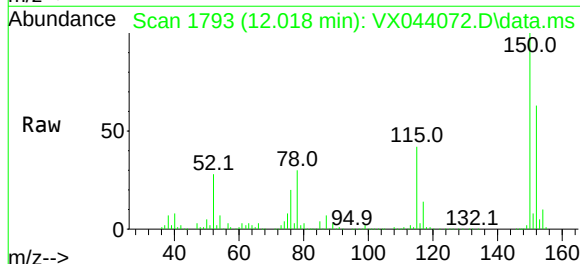
Tgt Ion:152 Resp: 97308

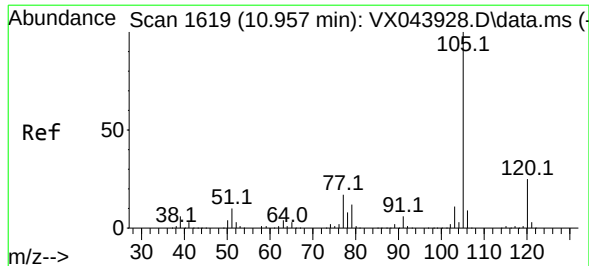
Ion Ratio Lower Upper

152 100

115 64.9 45.4 136.2

150 156.7 0.0 353.0





#73

Isopropylbenzene

Concen: 2.880 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044072.D

Acq: 02 Dec 2024 17:32

Instrument :

MSVOA_X

ClientSampleId :

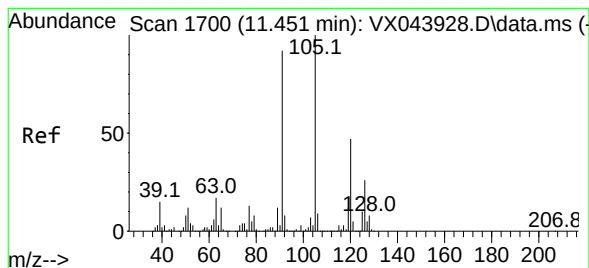
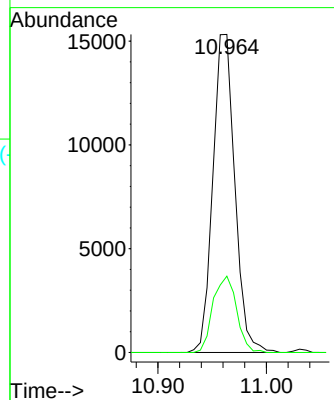
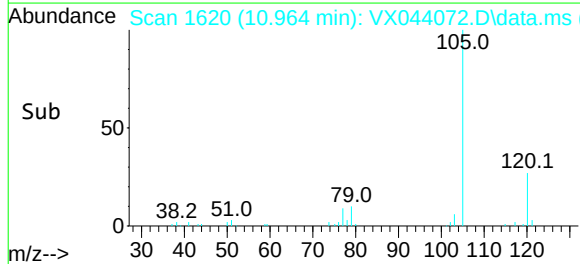
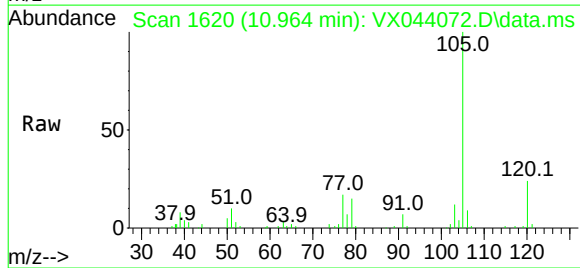
SPLP-C2-1RE

Tgt Ion:105 Resp: 21545

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 4.476 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044072.D

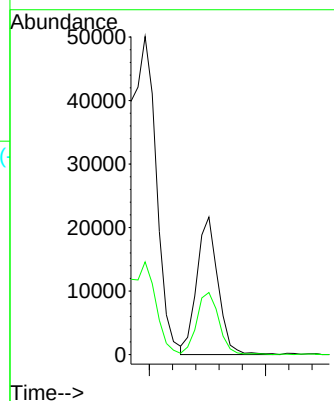
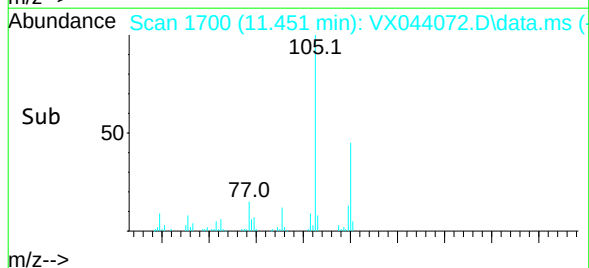
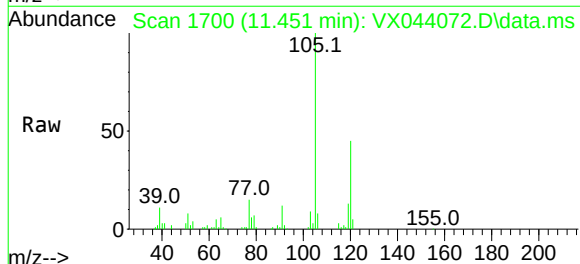
Acq: 02 Dec 2024 17:32

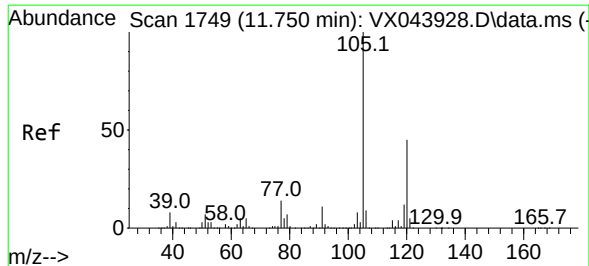
Tgt Ion:105 Resp: 27542

Ion Ratio Lower Upper

105 100

120 47.1 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 16.402 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044072.D

Acq: 02 Dec 2024 17:32

Instrument :

MSVOA_X

ClientSampleId :

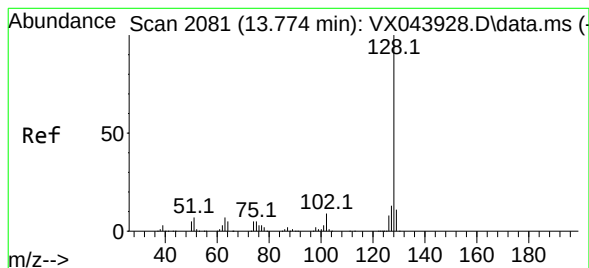
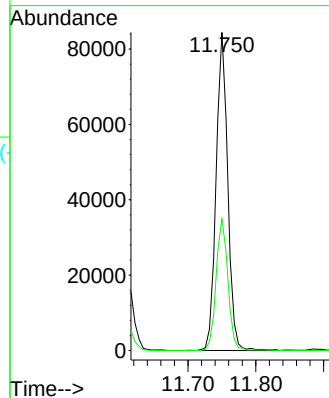
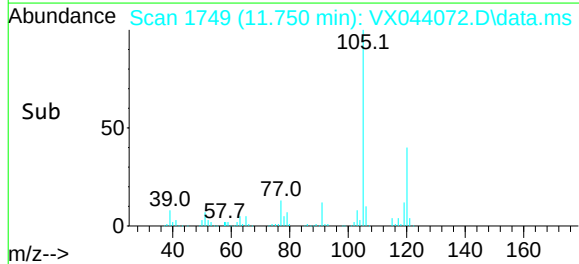
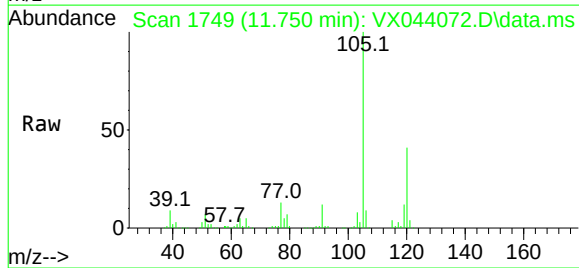
SPLP-C2-1RE

Tgt Ion:105 Resp: 100490

Ion Ratio Lower Upper

105 100

120 42.0 21.9 65.7



#95

Naphthalene

Concen: 1207.096 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044072.D

Acq: 02 Dec 2024 17:32

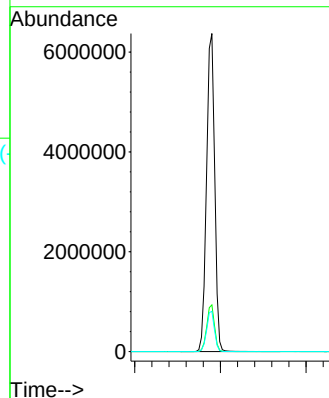
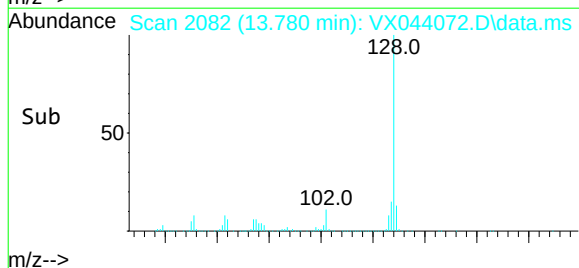
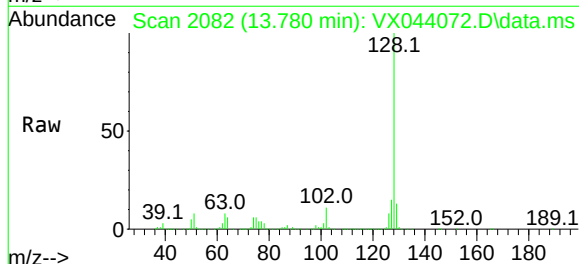
Tgt Ion:128 Resp: 8401769

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.2

129 12.2 8.6 12.8



Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/25/24	
Client Sample ID:	SPLP-C2-2		SDG No.:	P5001	
Lab Sample ID:	P5001-05		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044035.D	1		11/27/24 13:08	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	1.00	J	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	22.7	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	100		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	45.4		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	12.2		0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	89.0		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-2	SDG No.:	P5001
Lab Sample ID:	P5001-05	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044035.D	1		11/27/24 13:08	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	250	E	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	110		0.31	10.0	ug/L
95-47-6	o-Xylene	84.2		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	9.10		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.7		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	29.9	*	70 (75) - 130 (124)	60%	SPK: 50
2037-26-5	Toluene-d8	49.0		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	117000	5.543			
540-36-3	1,4-Difluorobenzene	228000	6.757			
3114-55-4	Chlorobenzene-d5	194000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	96300	12.024			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/25/24	
Client Sample ID:	SPLP-C2-2		SDG No.:	P5001	
Lab Sample ID:	P5001-05		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044035.D	1		11/27/24 13:08	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044035.D
 Acq On : 27 Nov 2024 13:08
 Operator : JC/MD
 Sample : P5001-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C2-2

Quant Time: Nov 29 03:58:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

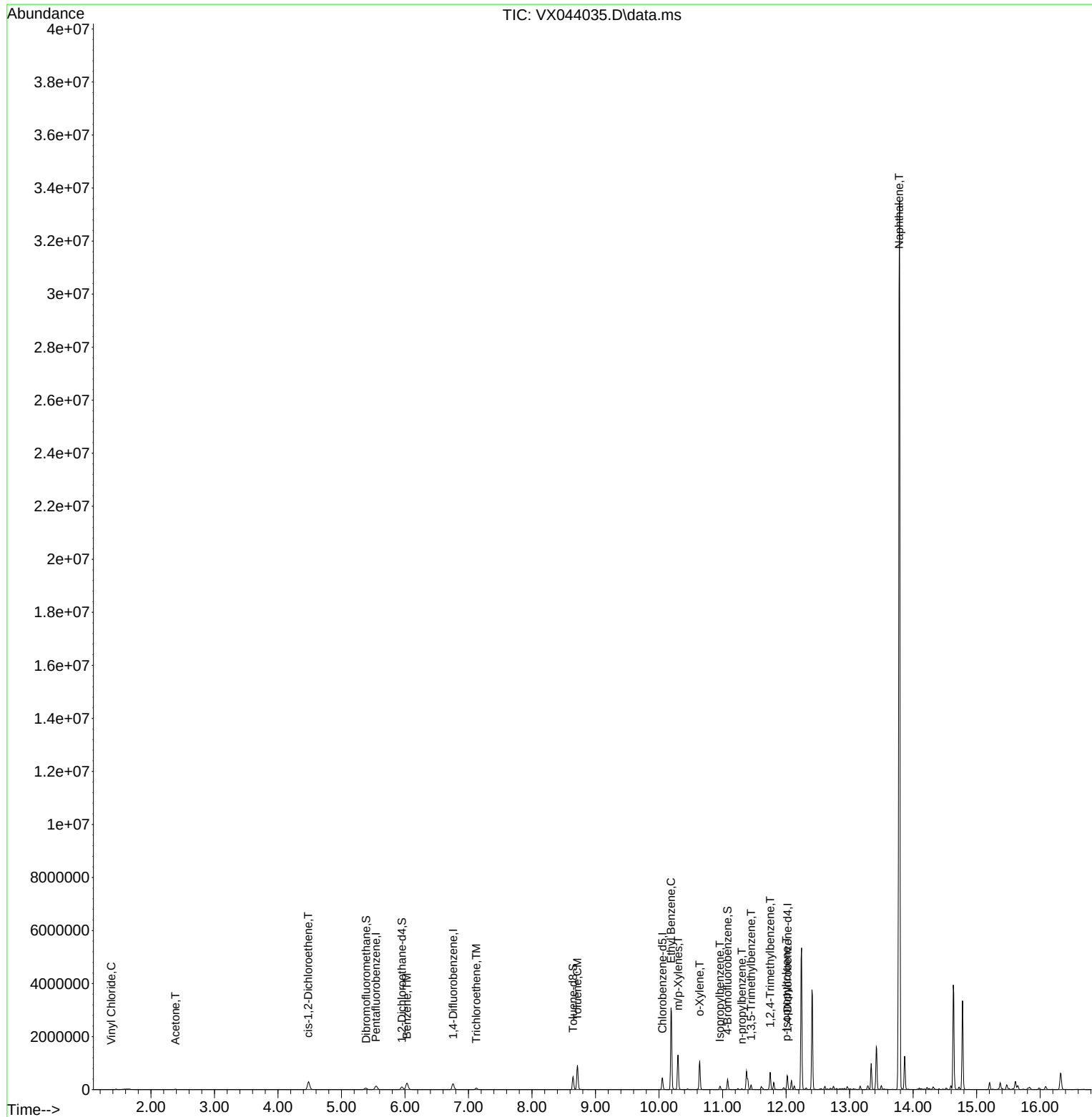
Internal Standards						
1) Pentafluorobenzene	5.543	168	117251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99985	49.718	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.440%
35) Dibromofluoromethane	5.385	113	48683	29.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	59.900%#
50) Toluene-d8	8.646	98	274561	48.994	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.079	95	95898	50.283	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.560%
Target Compounds						Qvalue
4) Vinyl Chloride	1.373	62	1664	1.001	ug/l	98
16) Acetone	2.385	43	20962	22.694	ug/l	95
27) cis-1,2-Dichloroethene	4.476	96	174316	101.098	ug/l	90
40) Benzene	6.031	78	286293	45.369	ug/l	100
44) Trichloroethene	7.122	130	21807	12.208	ug/l	93
52) Toluene	8.713	92	336108	88.991	ug/l	99
67) Ethyl Benzene	10.189	91	1773871	245.695	ug/l	100
68) m/p-Xylenes	10.299	106	286490	106.406	ug/l	99
69) o-Xylene	10.640	106	221215	84.151	ug/l	98
73) Isopropylbenzene	10.957	105	67576	9.127	ug/l	98
78) n-propylbenzene	11.304	91	18398	2.225	ug/l #	53
80) 1,3,5-Trimethylbenzene	11.451	105	72772	11.947	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	266783	43.991	ug/l	99
86) p-Isopropyltoluene	12.006	119	10893	1.813	ug/l #	74
95) Naphthalene	13.780	128	15395623	2234.604	ug/l #	79

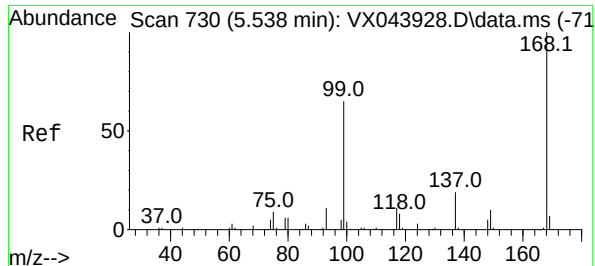
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044035.D
Acq On : 27 Nov 2024 13:08
Operator : JC/MD
Sample : P5001-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2

Quant Time: Nov 29 03:58:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

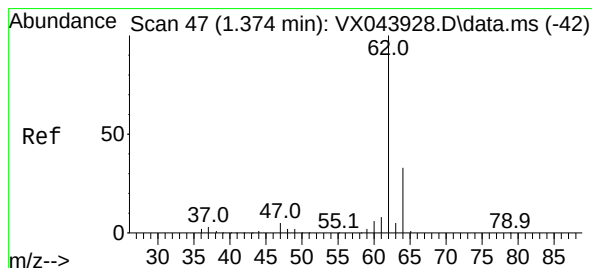
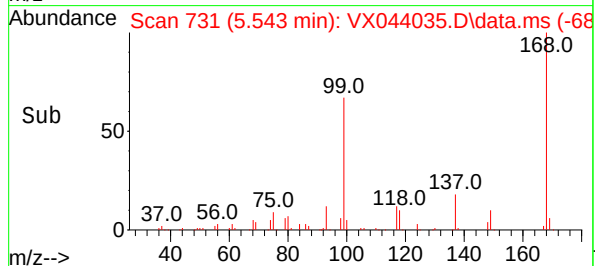
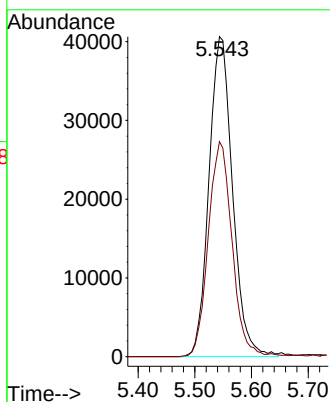
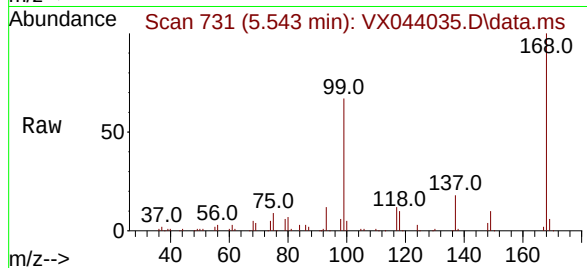




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

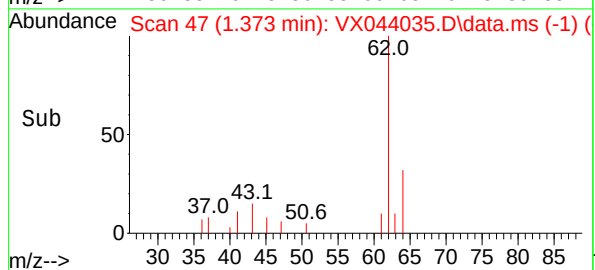
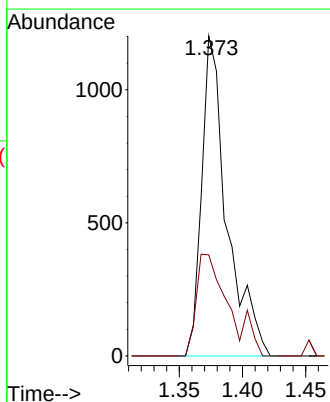
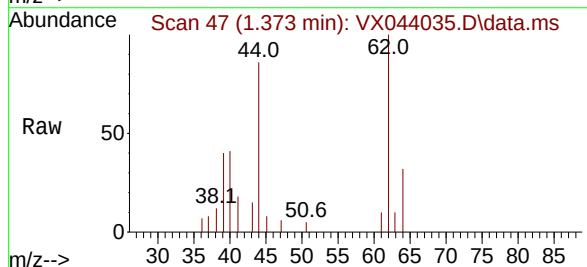
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2

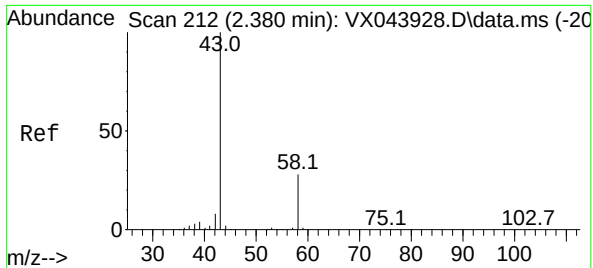
Tgt Ion:168 Resp: 117251
Ion Ratio Lower Upper
168 100
99 67.2 51.8 77.8



#4
Vinyl Chloride
Concen: 1.001 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

Tgt Ion: 62 Resp: 1664
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.4





#16

Acetone

Concen: 22.694 ug/l

RT: 2.385 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

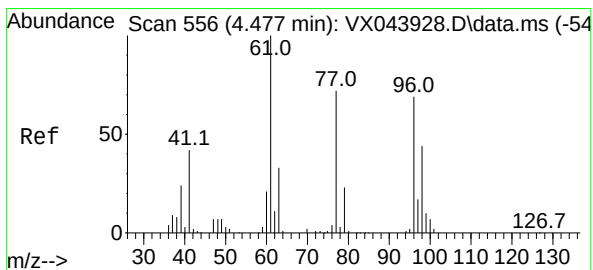
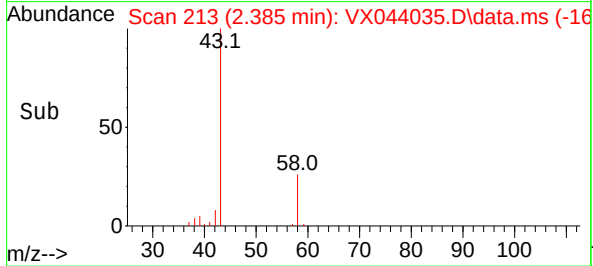
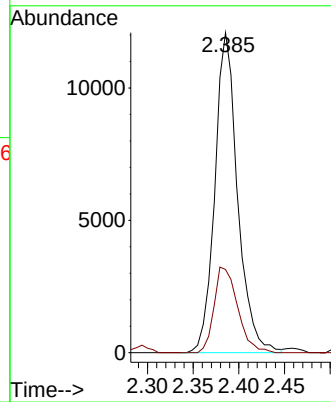
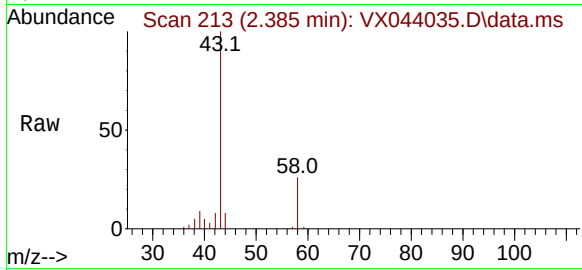
SPLP-C2-2

Tgt Ion: 43 Resp: 20962

Ion Ratio Lower Upper

43 100

58 26.0 22.7 34.1



#27

cis-1,2-Dichloroethene

Concen: 101.098 ug/l

RT: 4.476 min Scan# 556

Delta R.T. -0.001 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

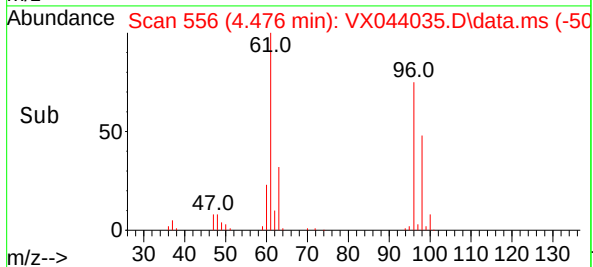
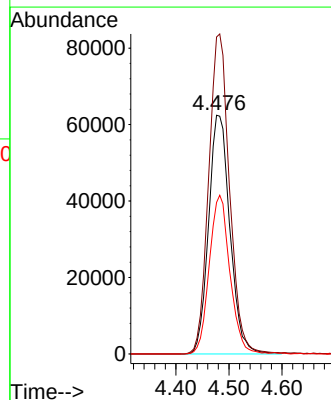
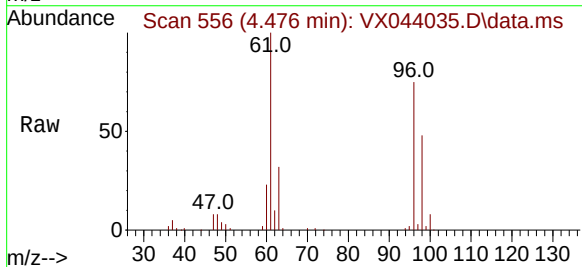
Tgt Ion: 96 Resp: 174316

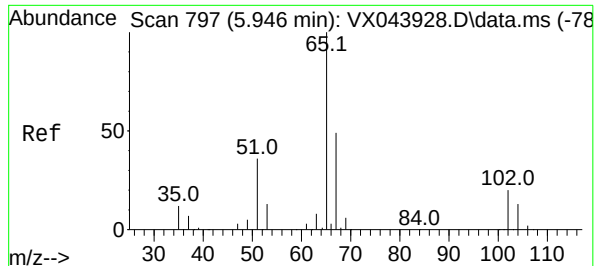
Ion Ratio Lower Upper

96 100

61 131.4 0.0 297.4

98 64.2 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 49.718 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

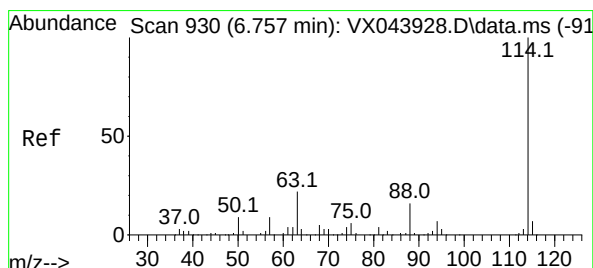
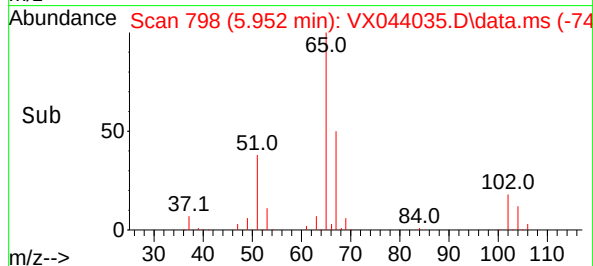
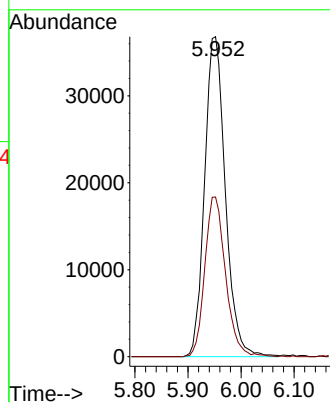
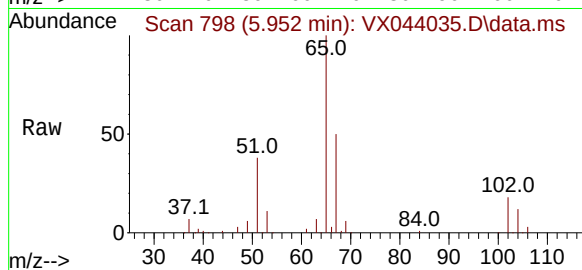
SPLP-C2-2

Tgt Ion: 65 Resp: 99985

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.001 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

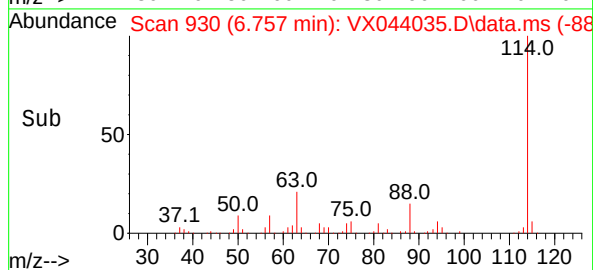
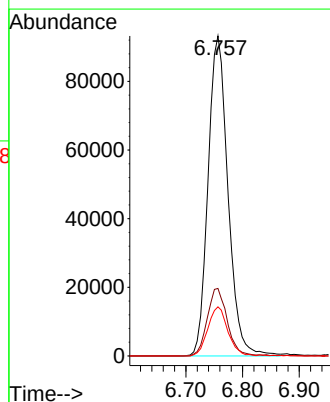
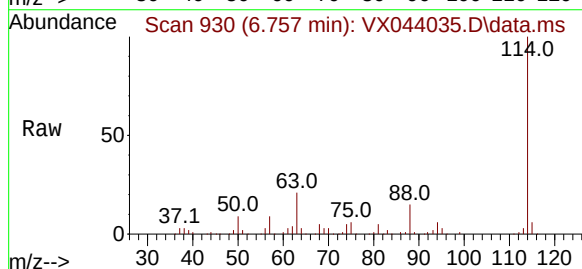
Tgt Ion:114 Resp: 227513

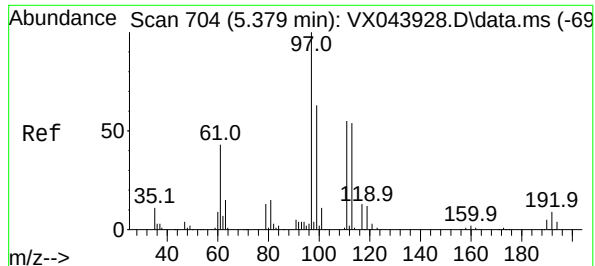
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 29.946 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044035.D

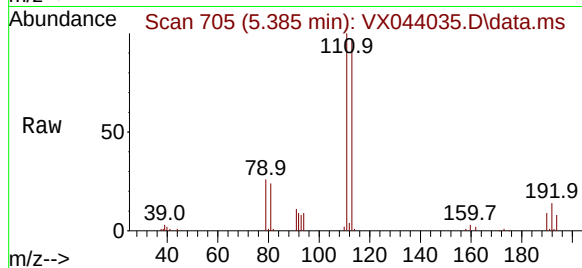
Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2



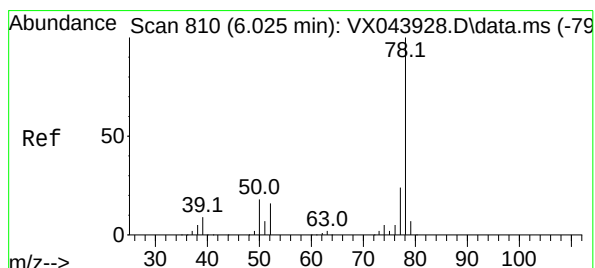
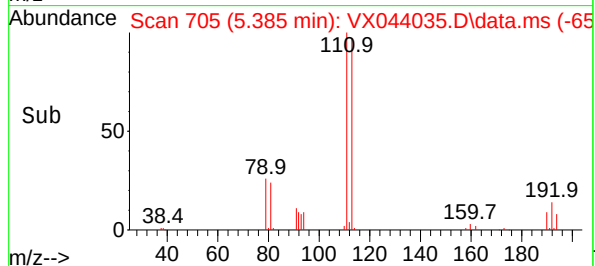
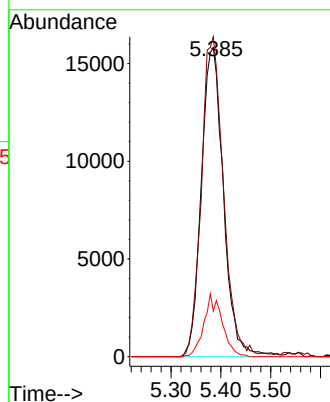
Tgt Ion:113 Resp: 48683

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

192 16.8 13.0 19.6



#40

Benzene

Concen: 45.369 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX044035.D

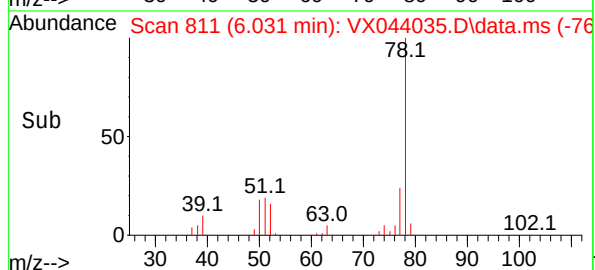
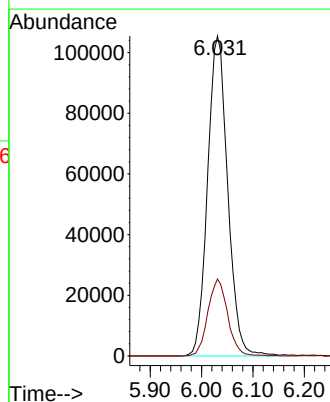
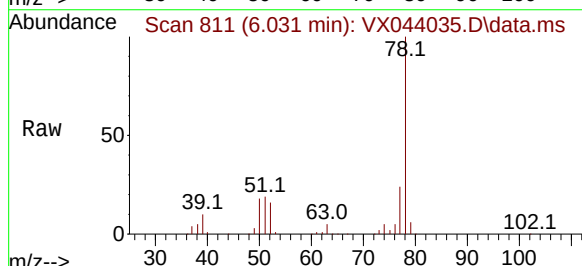
Acq: 27 Nov 2024 13:08

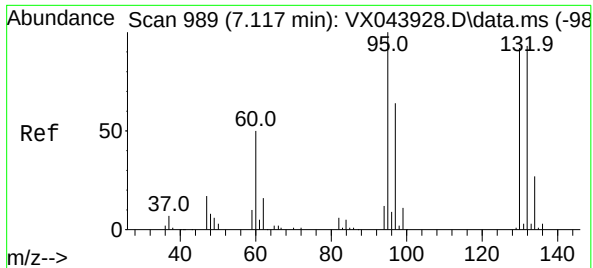
Tgt Ion: 78 Resp: 286293

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8





#44

Trichloroethene

Concen: 12.208 ug/l

RT: 7.122 min Scan# 90

Delta R.T. 0.006 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

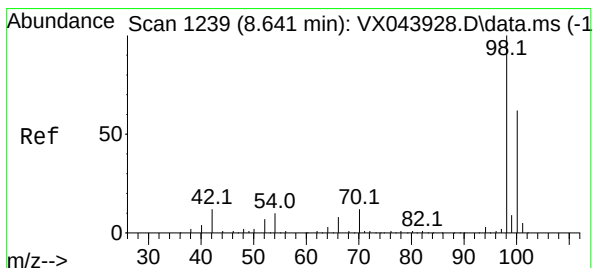
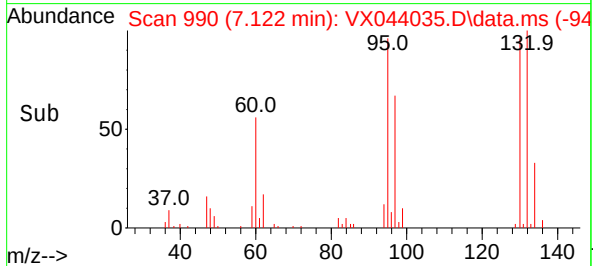
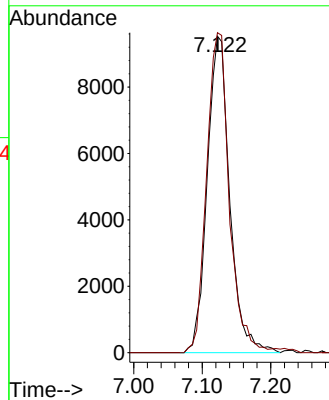
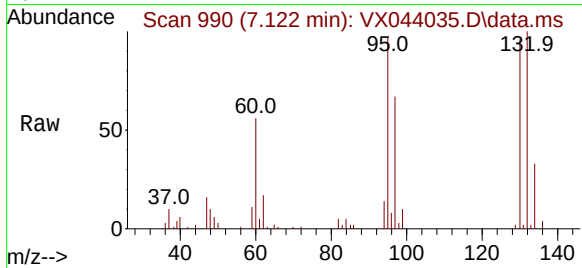
SPLP-C2-2

Tgt Ion:130 Resp: 21807

Ion Ratio Lower Upper

130 100

95 101.1 0.0 217.8



#50

Toluene-d8

Concen: 48.994 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044035.D

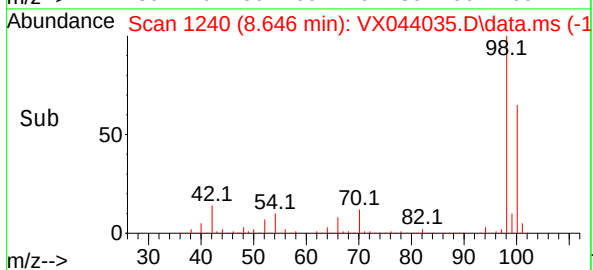
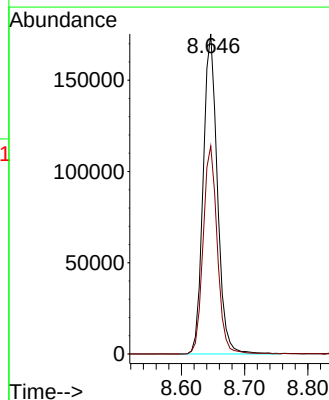
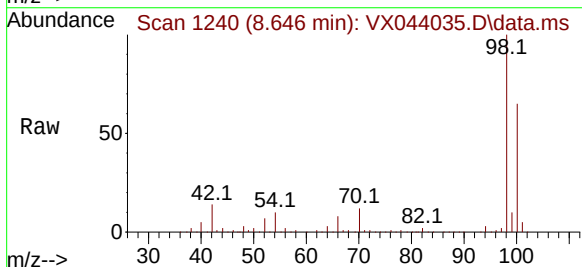
Acq: 27 Nov 2024 13:08

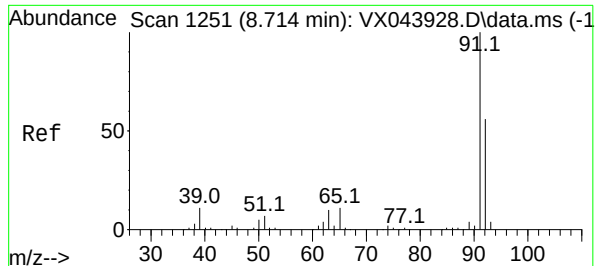
Tgt Ion: 98 Resp: 274561

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0





#52

Toluene

Concen: 88.991 ug/l

RT: 8.713 min Scan# 1251

Delta R.T. -0.001 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

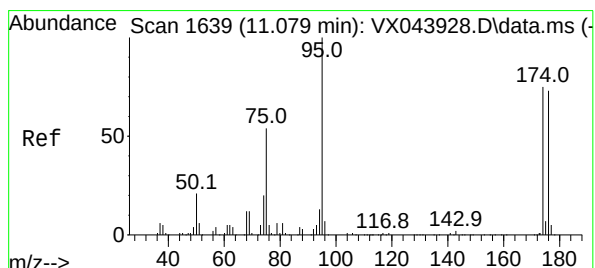
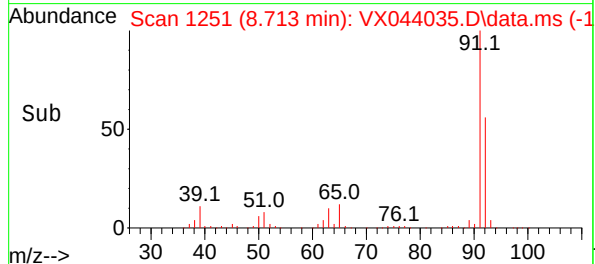
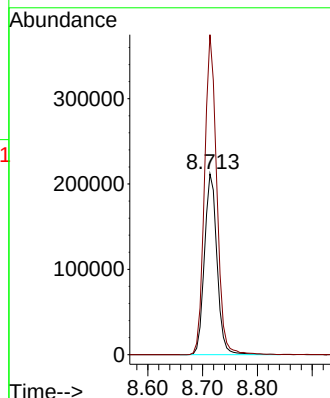
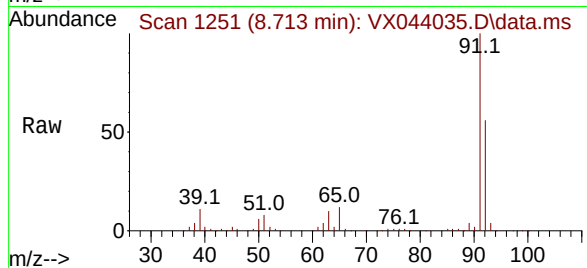
SPLP-C2-2

Tgt Ion: 92 Resp: 336108

Ion Ratio Lower Upper

92 100

91 173.1 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 50.283 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.001 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

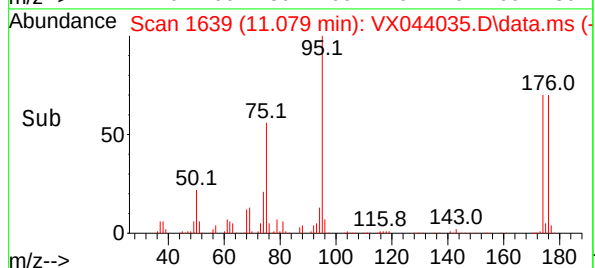
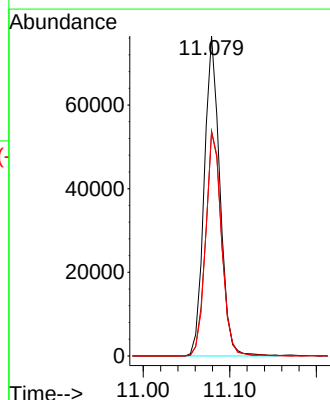
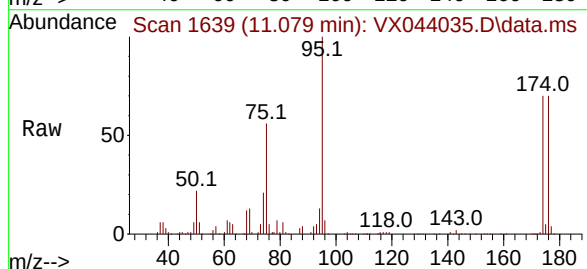
Tgt Ion: 95 Resp: 95898

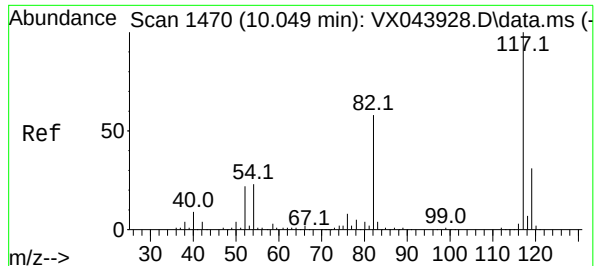
Ion Ratio Lower Upper

95 100

174 71.4 0.0 150.4

176 71.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2

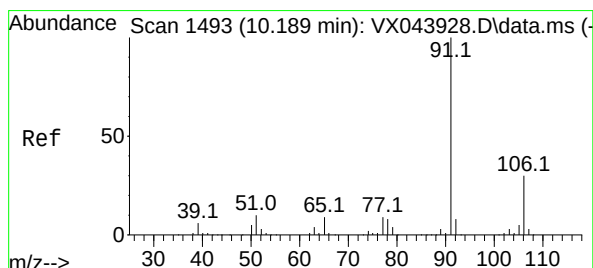
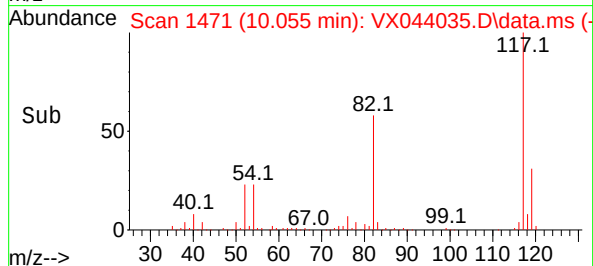
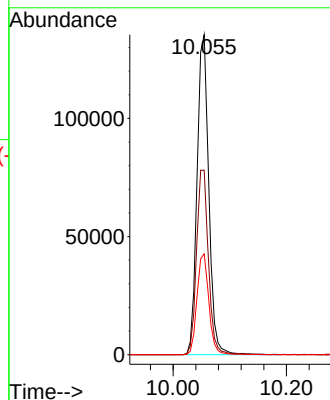
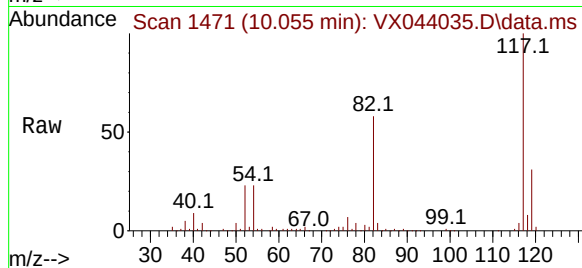
Tgt Ion:117 Resp: 193997

Ion Ratio Lower Upper

117 100

82 57.6 46.4 69.6

119 31.5 24.6 37.0



#67

Ethyl Benzene

Concen: 245.695 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.001 min

Lab File: VX044035.D

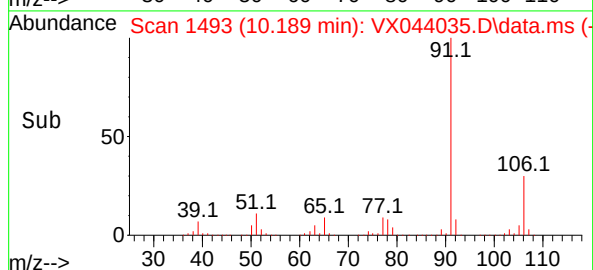
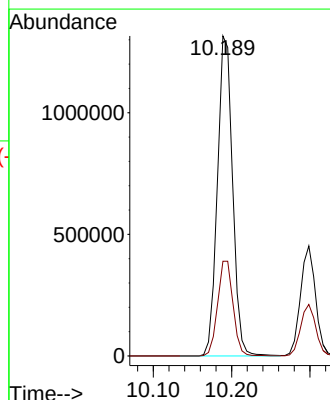
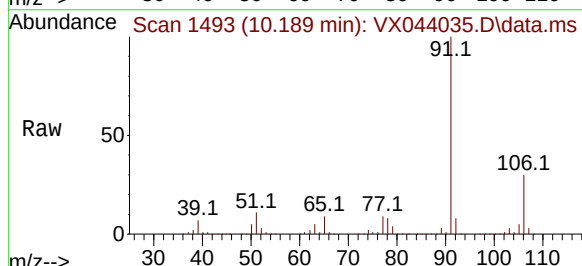
Acq: 27 Nov 2024 13:08

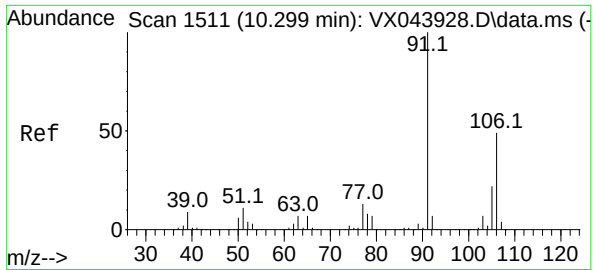
Tgt Ion: 91 Resp: 1773871

Ion Ratio Lower Upper

91 100

106 29.6 23.6 35.4

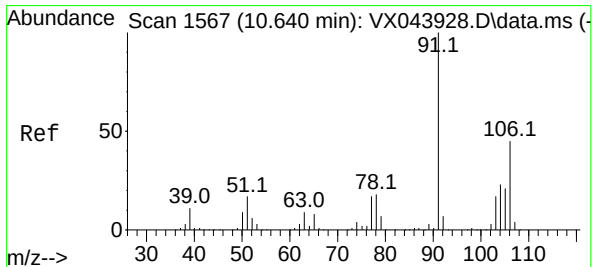
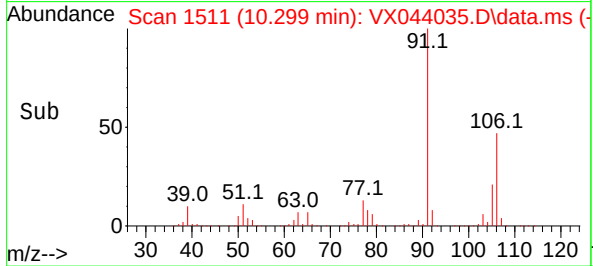
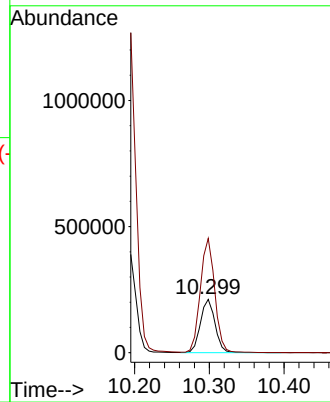
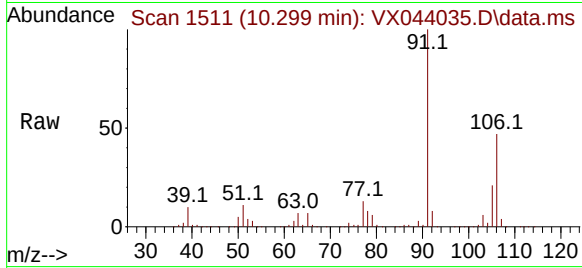




#68
m/p-Xylenes
Concen: 106.406 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.001 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

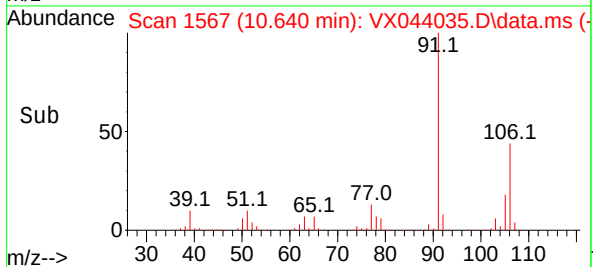
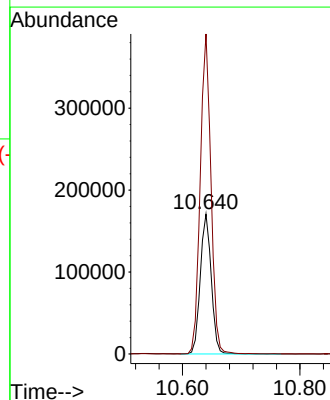
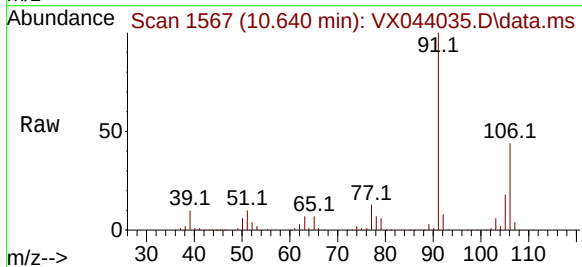
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2

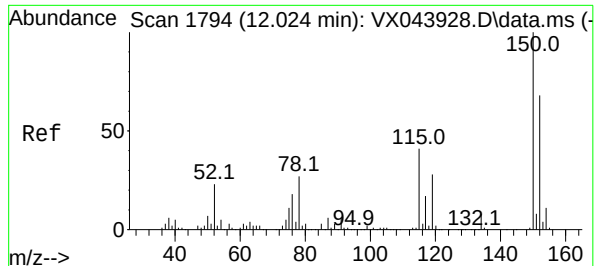
Tgt Ion:106 Resp: 286490
Ion Ratio Lower Upper
106 100
91 211.9 168.1 252.1



#69
o-Xylene
Concen: 84.151 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VX044035.D
Acq: 27 Nov 2024 13:08

Tgt Ion:106 Resp: 221215
Ion Ratio Lower Upper
106 100
91 223.6 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.001 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2

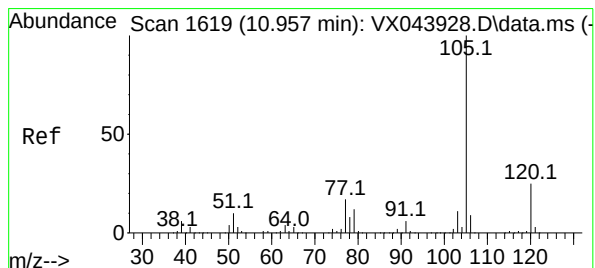
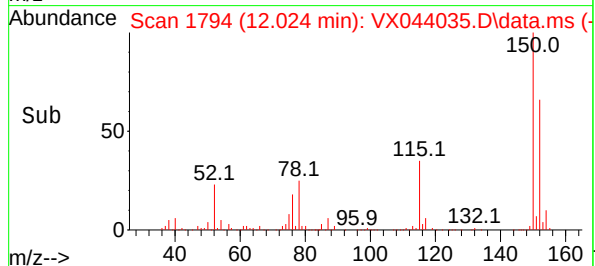
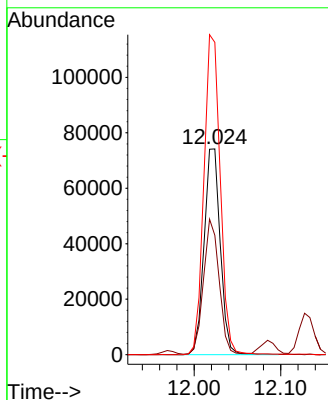
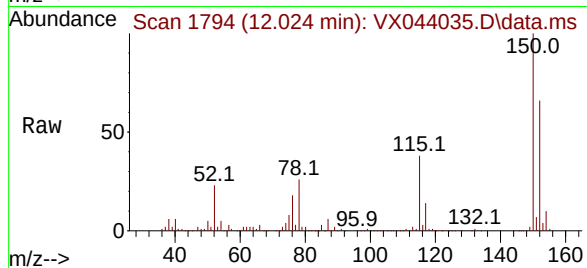
Tgt Ion:152 Resp: 96320

Ion Ratio Lower Upper

152 100

115 63.0 45.4 136.2

150 157.1 0.0 353.0



#73

Isopropylbenzene

Concen: 9.127 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.001 min

Lab File: VX044035.D

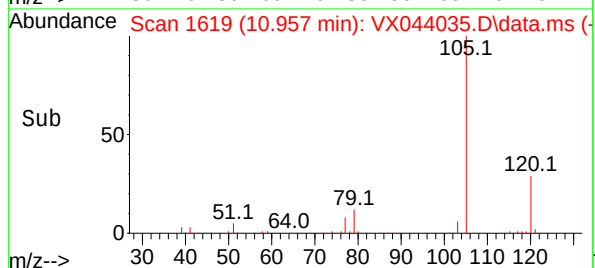
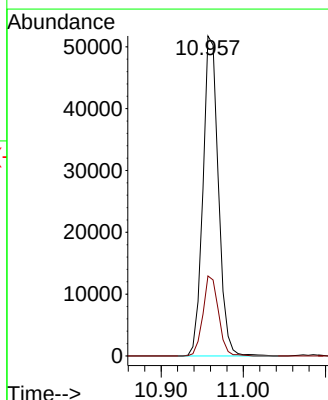
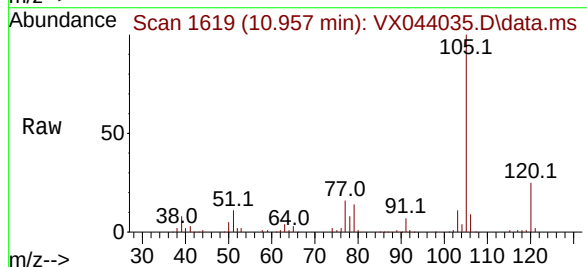
Acq: 27 Nov 2024 13:08

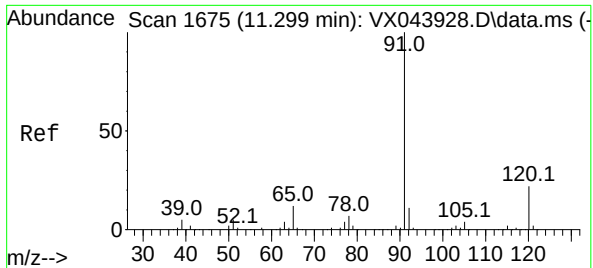
Tgt Ion:105 Resp: 67576

Ion Ratio Lower Upper

105 100

120 25.1 13.0 38.9





#78

n-propylbenzene

Concen: 2.225 ug/l

RT: 11.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

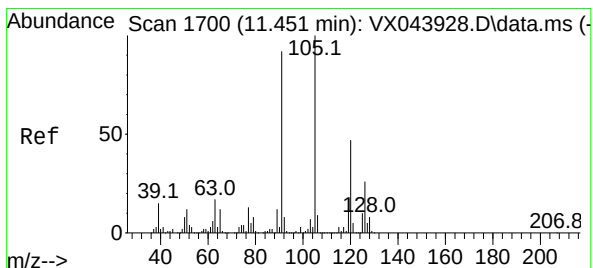
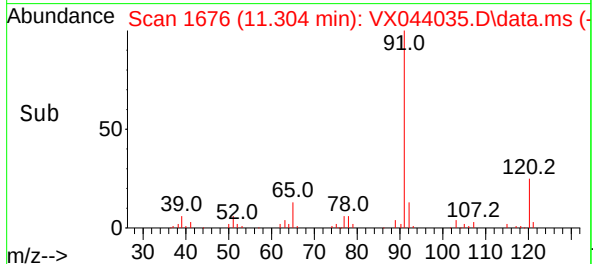
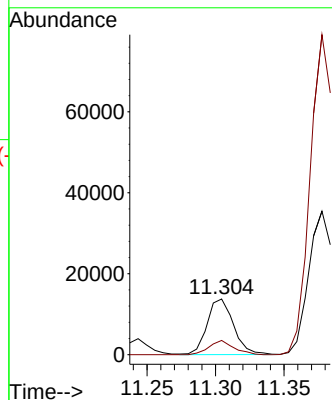
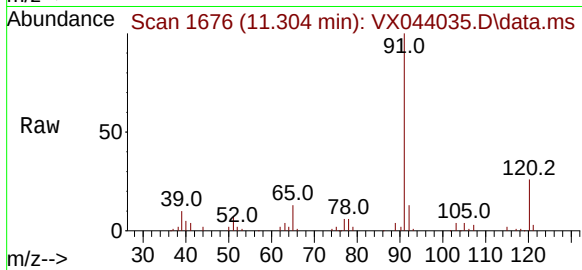
SPLP-C2-2

Tgt Ion: 91 Resp: 18398

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#80

1,3,5-Trimethylbenzene

Concen: 11.947 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.001 min

Lab File: VX044035.D

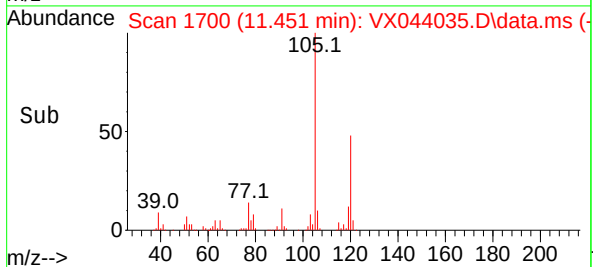
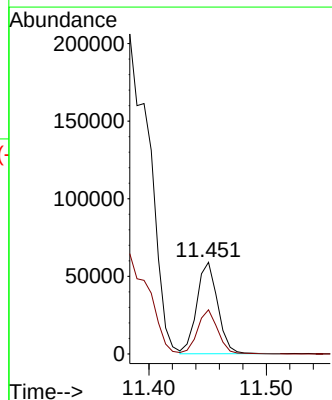
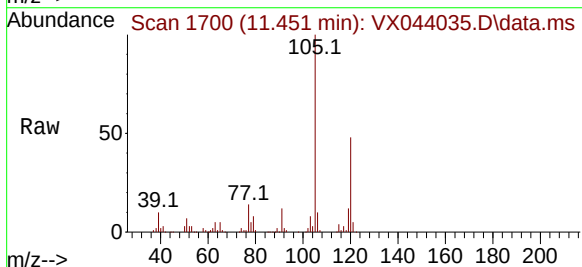
Acq: 27 Nov 2024 13:08

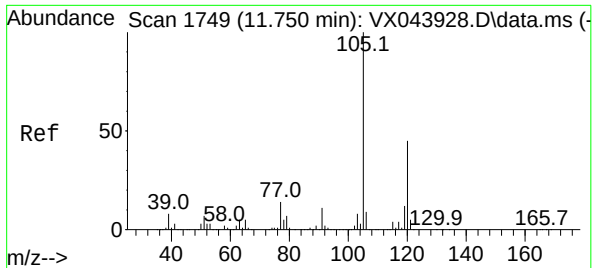
Tgt Ion:105 Resp: 72772

Ion Ratio Lower Upper

105 100

120 47.0 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 43.991 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.001 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

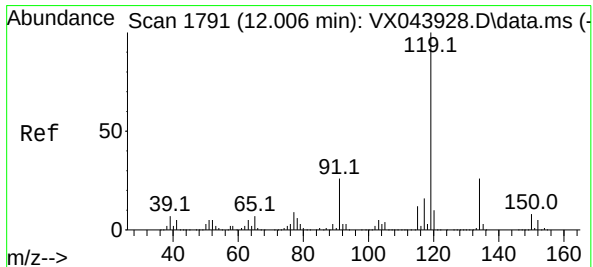
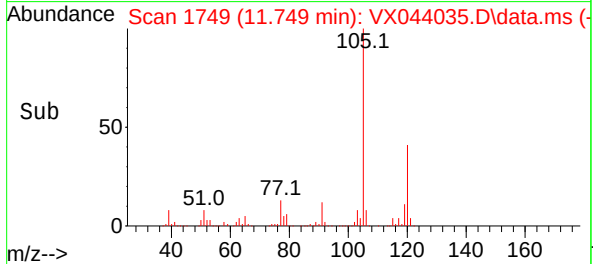
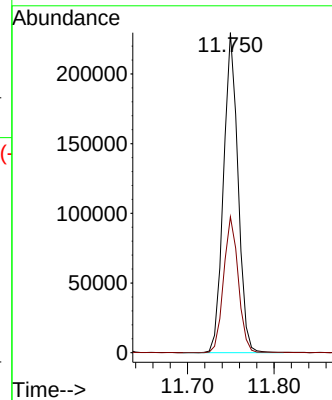
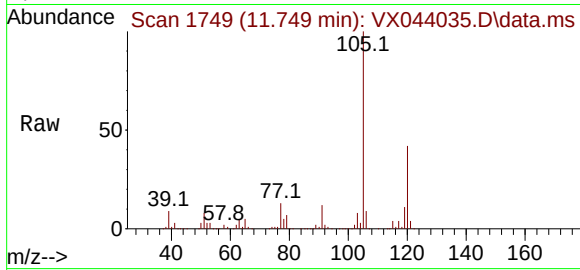
SPLP-C2-2

Tgt Ion:105 Resp: 266783

Ion Ratio Lower Upper

105 100

120 43.2 21.9 65.7



#86

p-Isopropyltoluene

Concen: 1.813 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.001 min

Lab File: VX044035.D

Acq: 27 Nov 2024 13:08

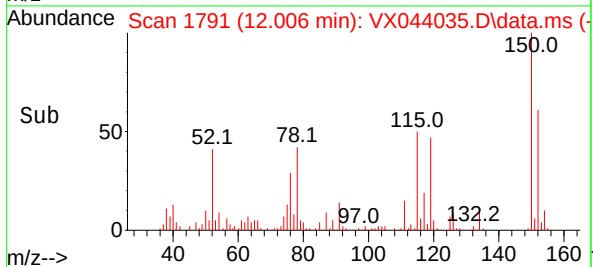
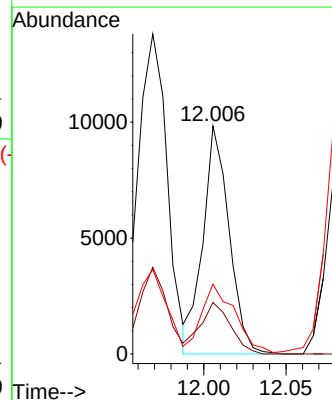
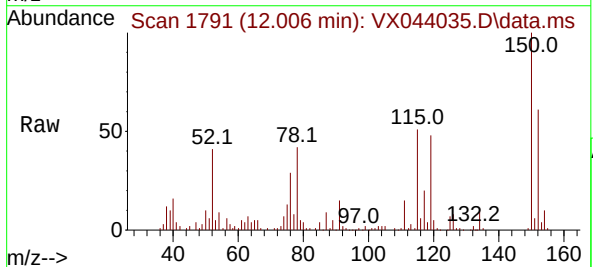
Tgt Ion:119 Resp: 10893

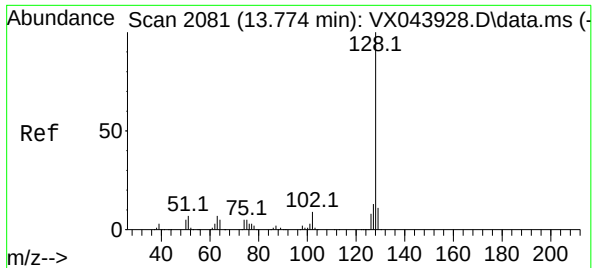
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 0.0 13.0 38.9#





#95

Naphthalene

Concen: 2234.604 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044035.D

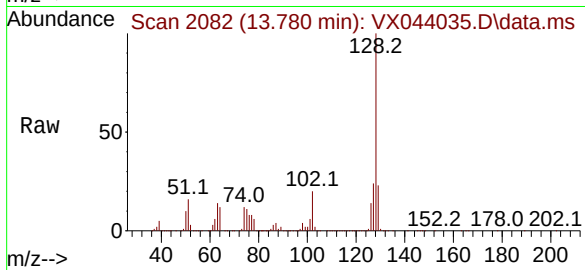
Acq: 27 Nov 2024 13:08

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2



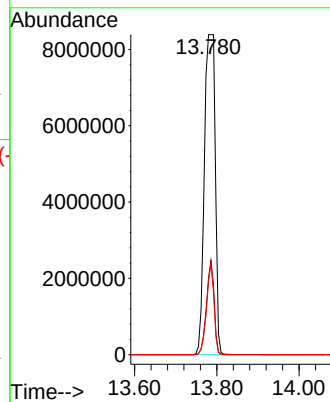
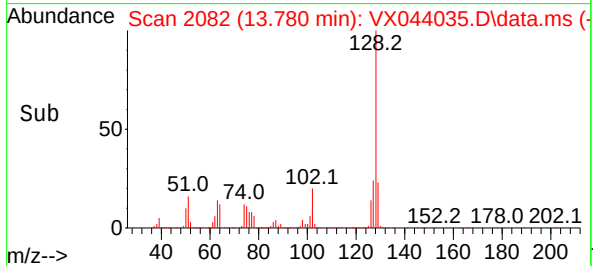
Tgt Ion:128 Resp:15395623

Ion Ratio Lower Upper

128 100

127 20.8 10.2 15.2#

129 19.1 8.6 12.8#



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-2DL	SDG No.:	P5001
Lab Sample ID:	P5001-05DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044065.D	10		12/02/24 14:52	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.10	UD	2.10	50.0	ug/L
74-87-3	Chloromethane	3.50	UD	3.50	50.0	ug/L
75-01-4	Vinyl Chloride	3.40	UD	3.40	50.0	ug/L
74-83-9	Bromomethane	13.6	UD	13.6	50.0	ug/L
75-00-3	Chloroethane	5.60	UD	5.60	50.0	ug/L
75-69-4	Trichlorofluoromethane	3.40	UD	3.40	50.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	UD	2.50	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.60	UD	2.60	50.0	ug/L
67-64-1	Acetone	13.9	UD	13.9	250	ug/L
75-15-0	Carbon Disulfide	3.20	UD	3.20	50.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	UD	1.60	50.0	ug/L
79-20-9	Methyl Acetate	6.00	UD	6.00	50.0	ug/L
75-09-2	Methylene Chloride	3.20	UD	3.20	50.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.50	UD	2.50	50.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	UD	2.30	50.0	ug/L
110-82-7	Cyclohexane	16.2	UD	16.2	50.0	ug/L
78-93-3	2-Butanone	13.0	UD	13.0	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	UD	2.50	50.0	ug/L
156-59-2	cis-1,2-Dichloroethene	96.8	D	2.50	50.0	ug/L
74-97-5	Bromochloromethane	1.80	UD	1.80	50.0	ug/L
67-66-3	Chloroform	2.60	UD	2.60	50.0	ug/L
71-55-6	1,1,1-Trichloroethane	1.90	UD	1.90	50.0	ug/L
108-87-2	Methylcyclohexane	1.90	UD	1.90	50.0	ug/L
71-43-2	Benzene	41.7	JD	1.60	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.40	UD	2.40	50.0	ug/L
79-01-6	Trichloroethene	11.6	JD	3.20	50.0	ug/L
78-87-5	1,2-Dichloropropane	1.90	UD	1.90	50.0	ug/L
75-27-4	Bromodichloromethane	2.40	UD	2.40	50.0	ug/L
108-10-1	4-Methyl-2-Pentanone	7.50	UD	7.50	250	ug/L
108-88-3	Toluene	78.8	D	1.80	50.0	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-2DL	SDG No.:	P5001
Lab Sample ID:	P5001-05DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044065.D	10		12/02/24 14:52	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	2.10	UD	2.10	50.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.80	UD	1.80	50.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	UD	2.10	50.0	ug/L
591-78-6	2-Hexanone	11.3	UD	11.3	250	ug/L
124-48-1	Dibromochloromethane	1.80	UD	1.80	50.0	ug/L
106-93-4	1,2-Dibromoethane	1.60	UD	1.60	50.0	ug/L
127-18-4	Tetrachloroethene	2.50	UD	2.50	50.0	ug/L
108-90-7	Chlorobenzene	1.30	UD	1.30	50.0	ug/L
100-41-4	Ethyl Benzene	210	D	1.60	50.0	ug/L
179601-23-1	m/p-Xylenes	90.8	JD	3.10	100	ug/L
95-47-6	o-Xylene	74.2	D	1.40	50.0	ug/L
100-42-5	Styrene	1.60	UD	1.60	50.0	ug/L
75-25-2	Bromoform	2.10	UD	2.10	50.0	ug/L
98-82-8	Isopropylbenzene	1.30	UD	1.30	50.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.70	UD	2.70	50.0	ug/L
541-73-1	1,3-Dichlorobenzene	2.40	UD	2.40	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	2.70	UD	2.70	50.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.90	UD	1.90	50.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	4.60	UD	4.60	50.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.20	UD	4.20	50.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.10	UD	5.10	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.9		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	45.7		70 (75) - 130 (124)	91%	SPK: 50
2037-26-5	Toluene-d8	49.3		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	123000	5.544			
540-36-3	1,4-Difluorobenzene	242000	6.757			
3114-55-4	Chlorobenzene-d5	211000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	99300	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-2DL	SDG No.:	P5001
Lab Sample ID:	P5001-05DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044065.D	10		12/02/24 14:52	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044065.D
 Acq On : 02 Dec 2024 14:52
 Operator : JC/MD
 Sample : P5001-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C2-2DL

Quant Time: Dec 03 00:20:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

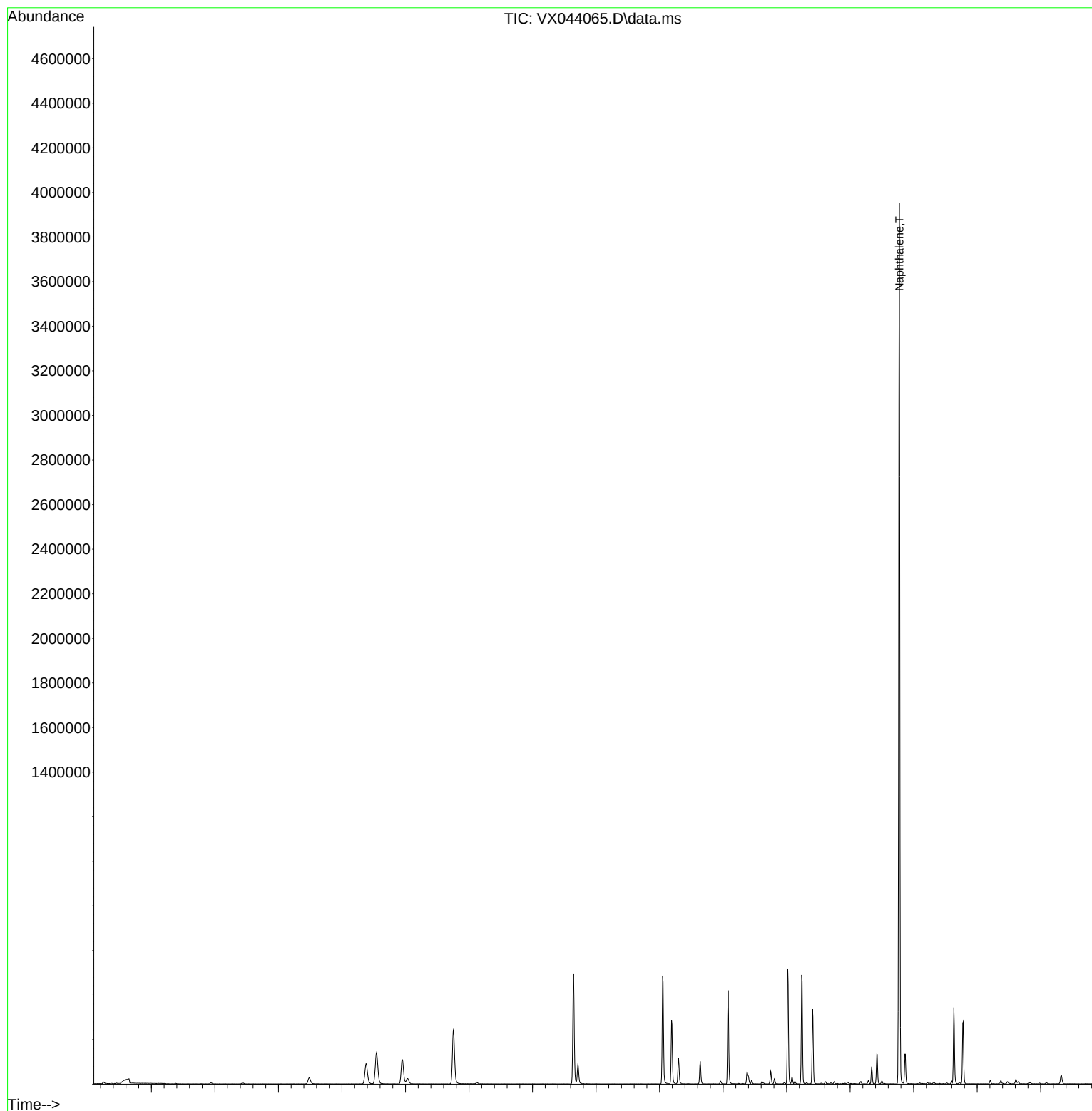
Internal Standards						
1) Pentafluorobenzene	5.544	168	122610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	241771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	210916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109043	51.852	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.700%			
35) Dibromofluoromethane	5.379	113	78946	45.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.400%			
50) Toluene-d8	8.647	98	293792	49.334	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.660%			
62) 4-Bromofluorobenzene	11.079	95	103588	51.112	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.220%			
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	4.483	96	17444	9.675	ug/l	91
40) Benzene	6.037	78	27964	4.170	ug/l	99
44) Trichloroethene	7.129	130	2205	1.162	ug/l	58
52) Toluene	8.714	92	31614	7.877	ug/l	99
67) Ethyl Benzene	10.189	91	168318	21.443	ug/l	100
68) m/p-Xylenes	10.299	106	26583	9.081	ug/l	96
69) o-Xylene	10.640	106	21201	7.418	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	7643	1.217	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	24518	3.920	ug/l	95
95) Naphthalene	13.774	128	2178441	306.560	ug/l	99

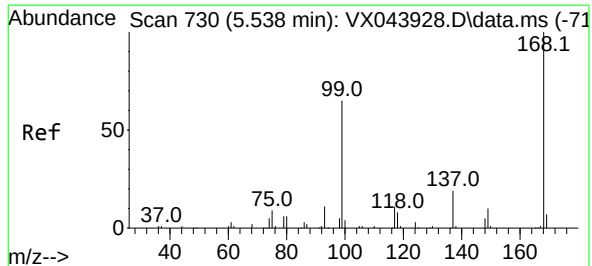
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044065.D
Acq On : 02 Dec 2024 14:52
Operator : JC/MD
Sample : P5001-05DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2DL

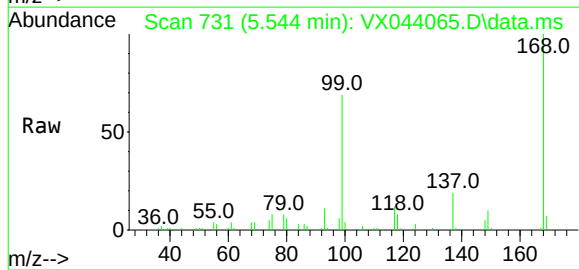
Quant Time: Dec 03 00:20:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



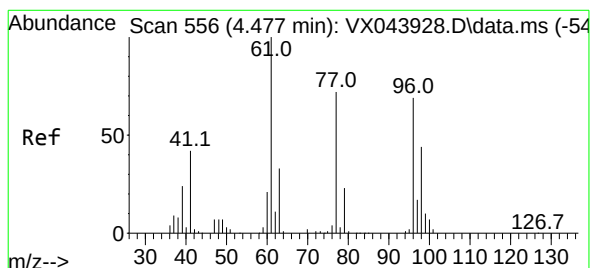
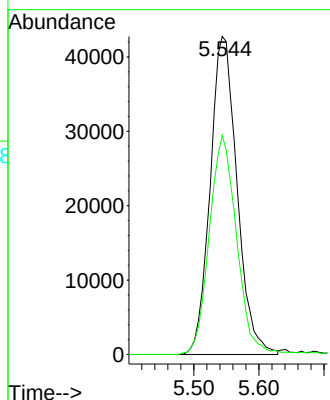
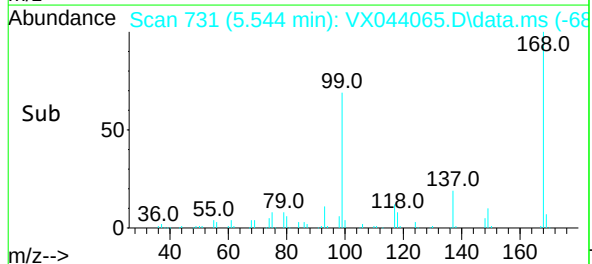


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044065.D
Acq: 02 Dec 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2DL

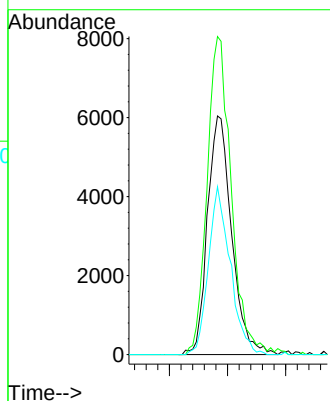
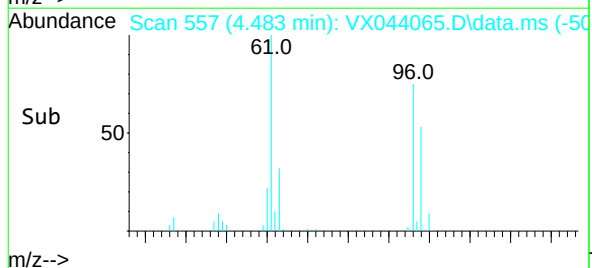
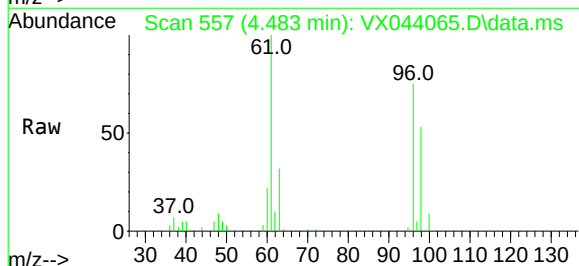


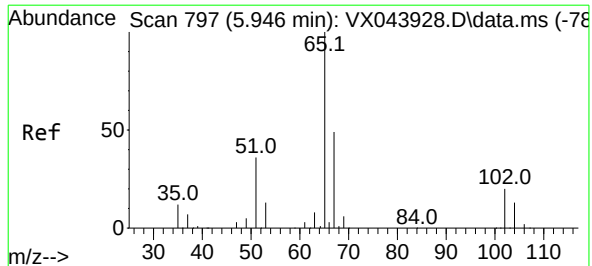
Tgt Ion: 168 Resp: 122610
Ion Ratio Lower Upper
168 100
99 68.8 51.8 77.8



#27
cis-1,2-Dichloroethene
Concen: 9.675 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044065.D
Acq: 02 Dec 2024 14:52

Tgt Ion: 96 Resp: 17444
Ion Ratio Lower Upper
96 100
61 133.4 0.0 297.4
98 63.6 0.0 127.8

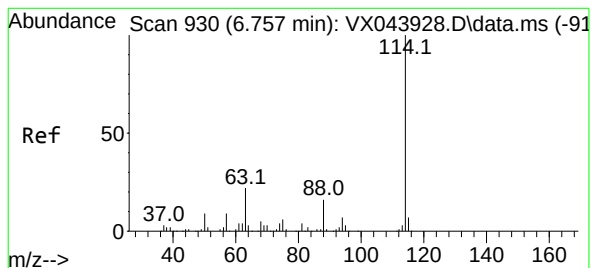
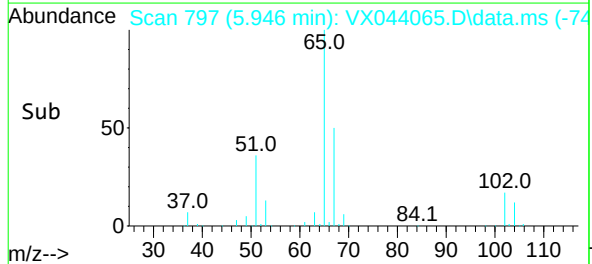
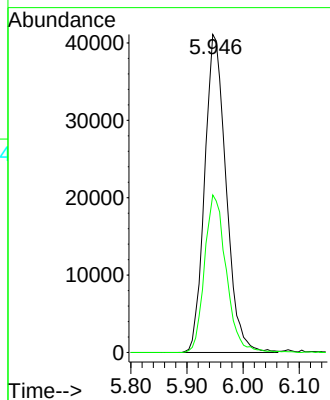
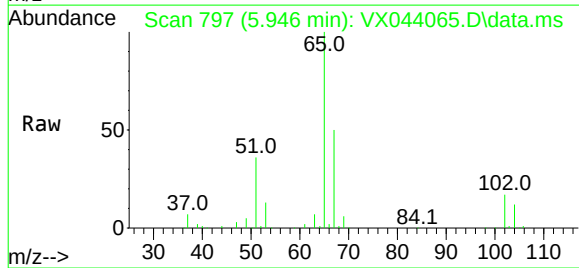




#33
1,2-Dichloroethane-d4
Concen: 51.852 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.000 min
Lab File: VX044065.D
Acq: 02 Dec 2024 14:52

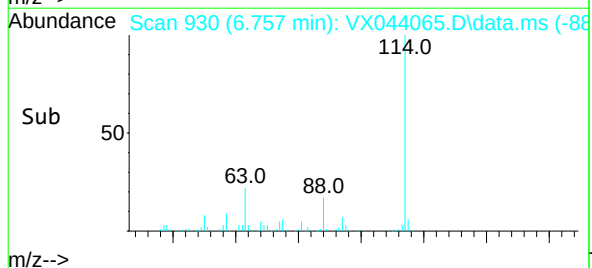
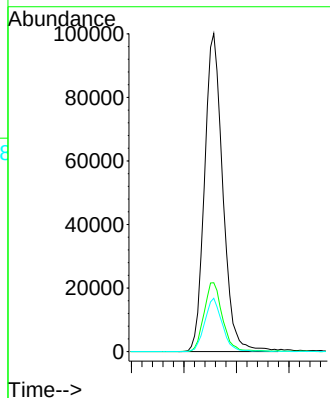
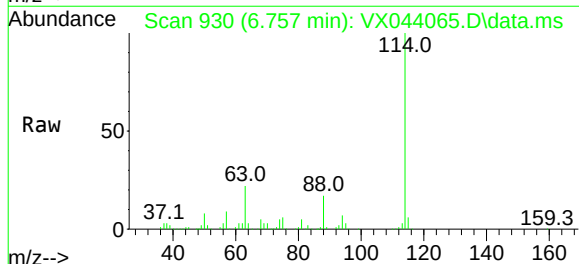
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2DL

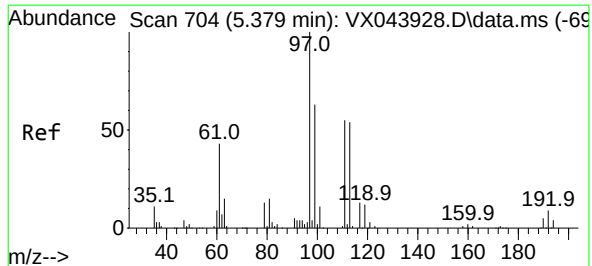
Tgt Ion: 65 Resp: 109043
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044065.D
Acq: 02 Dec 2024 14:52

Tgt Ion: 114 Resp: 241771
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.698 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044065.D

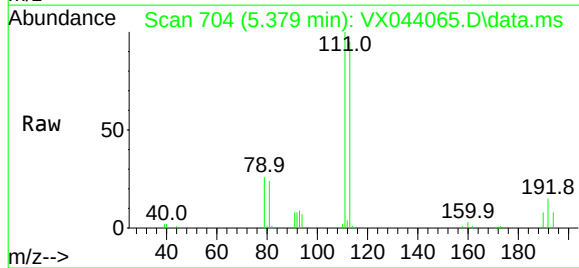
Acq: 02 Dec 2024 14:52

Instrument :

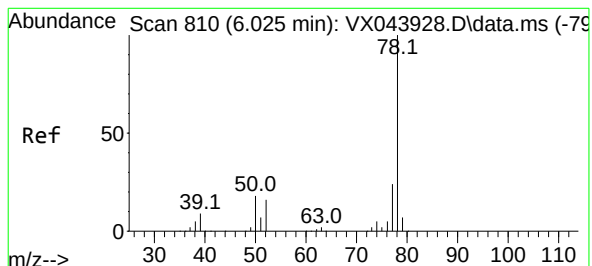
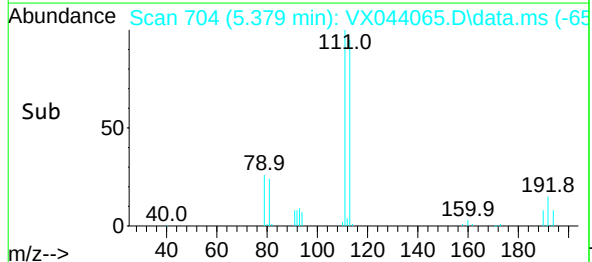
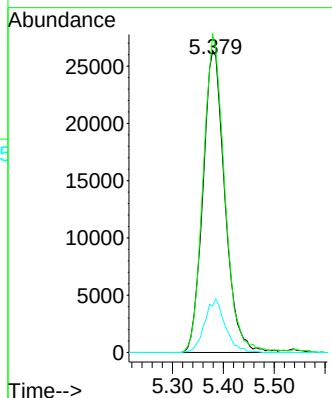
MSVOA_X

ClientSampleId :

SPLP-C2-2DL



Tgt Ion:	113	Resp:	78946
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.0	121.4
192	16.7	13.0	19.6



#40

Benzene

Concen: 4.170 ug/l

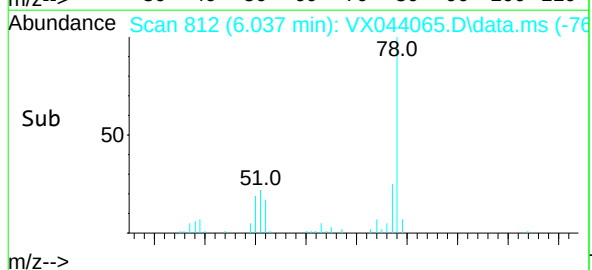
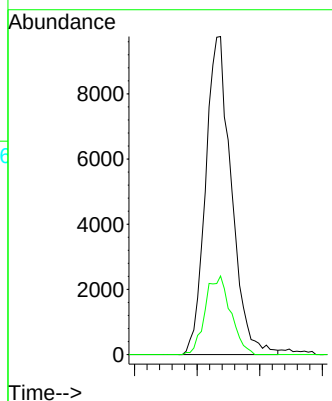
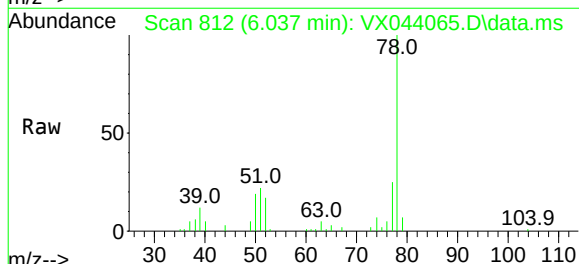
RT: 6.037 min Scan# 812

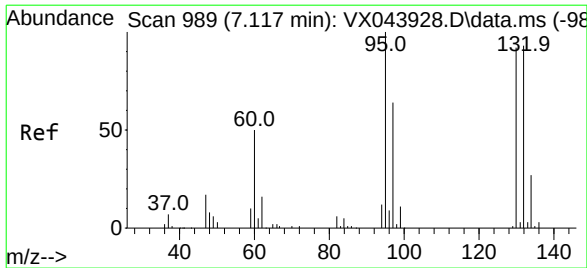
Delta R.T. 0.012 min

Lab File: VX044065.D

Acq: 02 Dec 2024 14:52

Tgt Ion:	78	Resp:	27964
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.2	28.8





#44

Trichloroethene

Concen: 1.162 ug/l

RT: 7.129 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX044065.D

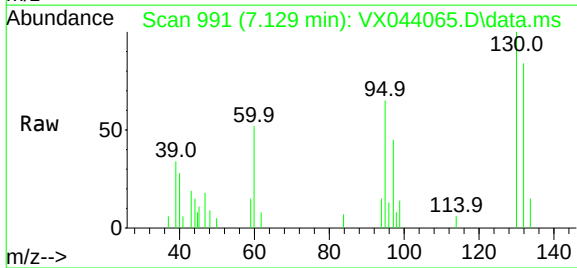
Acq: 02 Dec 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2DL

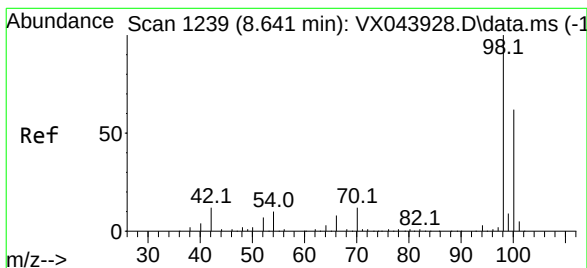
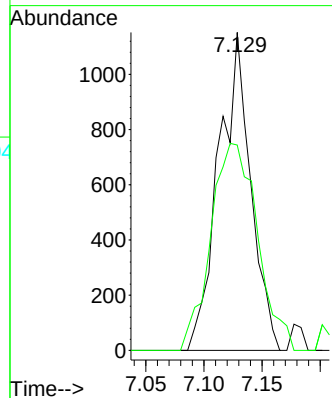
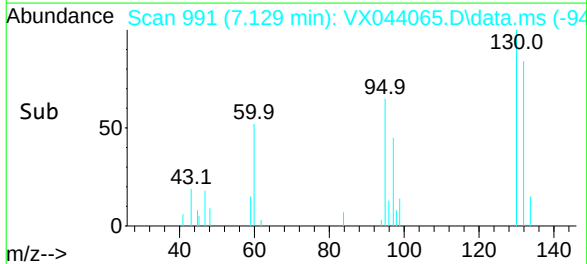


Tgt Ion:130 Resp: 2205

Ion Ratio Lower Upper

130 100

95 64.6 0.0 217.8



#50

Toluene-d8

Concen: 49.334 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044065.D

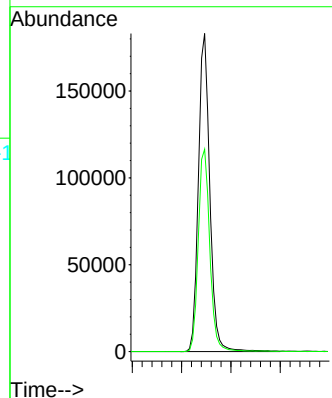
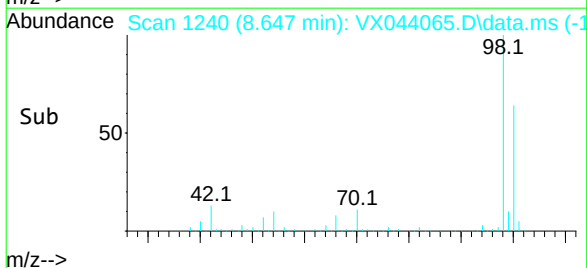
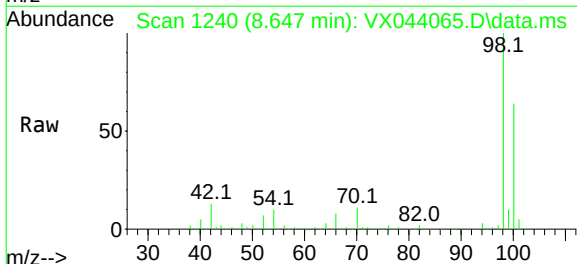
Acq: 02 Dec 2024 14:52

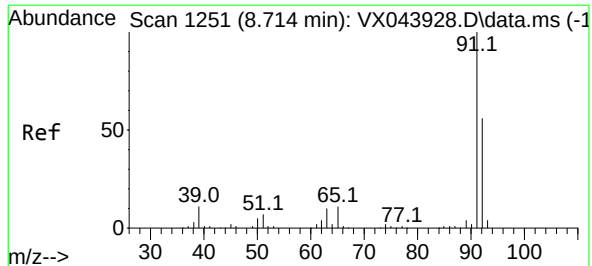
Tgt Ion: 98 Resp: 293792

Ion Ratio Lower Upper

98 100

100 64.1 52.6 79.0





#52

Toluene

Concen: 7.877 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044065.D

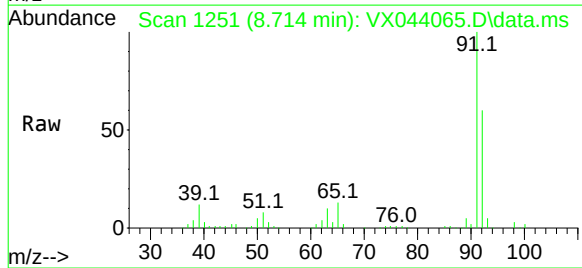
Acq: 02 Dec 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2DL

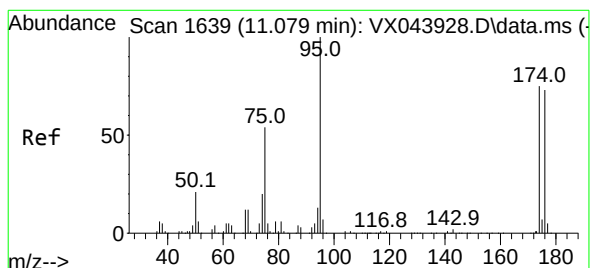
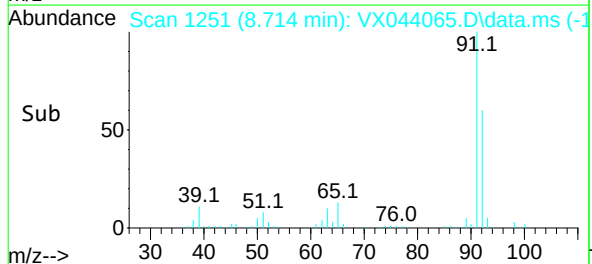
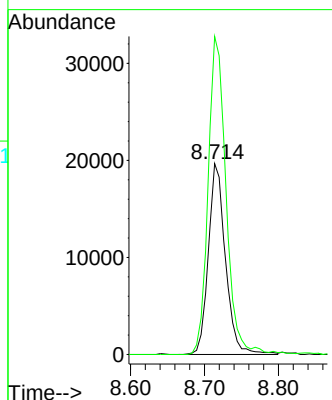


Tgt Ion: 92 Resp: 31614

Ion Ratio Lower Upper

92 100

91 173.5 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 51.112 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044065.D

Acq: 02 Dec 2024 14:52

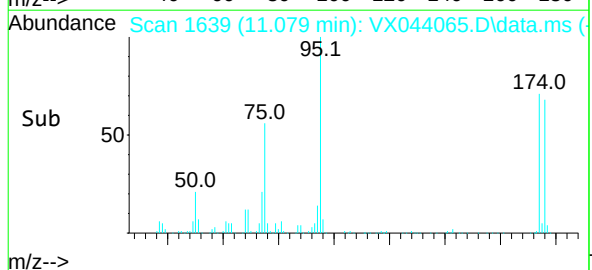
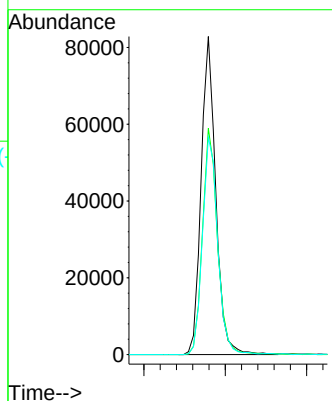
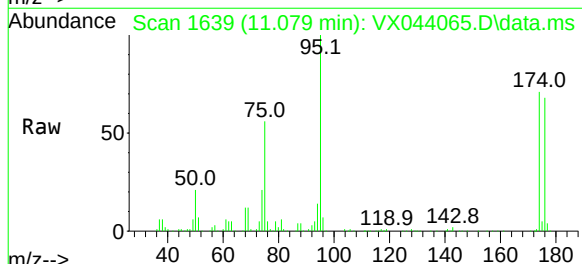
Tgt Ion: 95 Resp: 103588

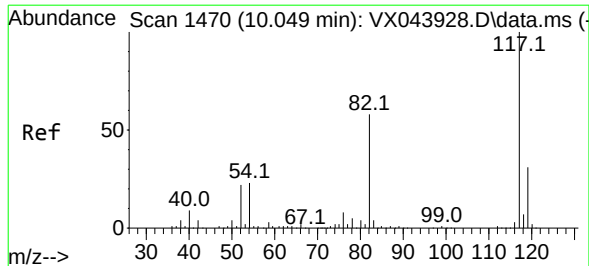
Ion Ratio Lower Upper

95 100

174 72.9 0.0 150.4

176 70.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044065.D

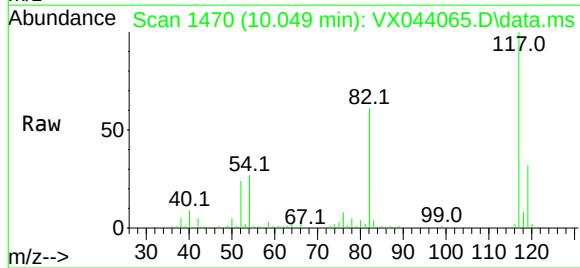
Acq: 02 Dec 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2DL



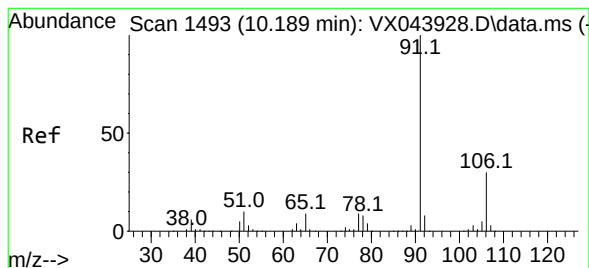
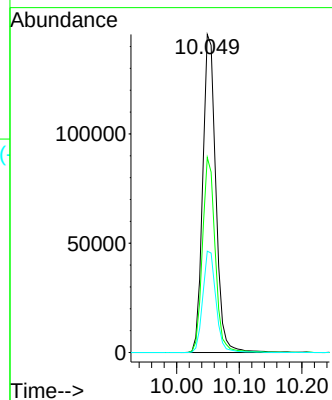
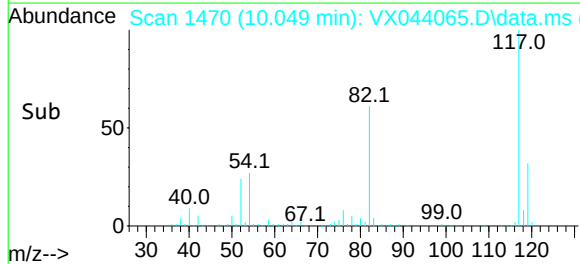
Tgt Ion:117 Resp: 210916

Ion Ratio Lower Upper

117 100

82 61.3 46.4 69.6

119 31.8 24.6 37.0



#67

Ethyl Benzene

Concen: 21.443 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044065.D

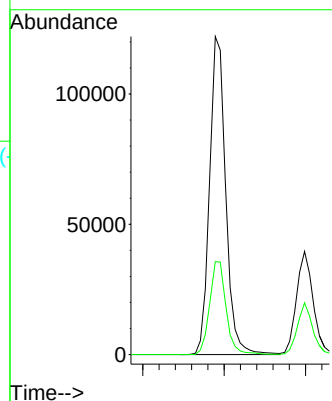
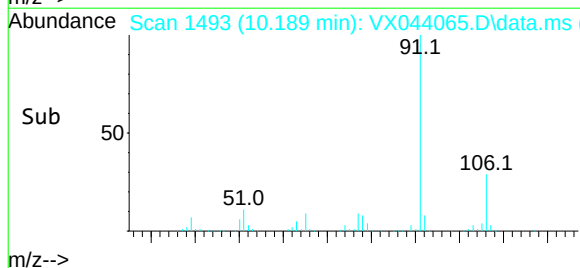
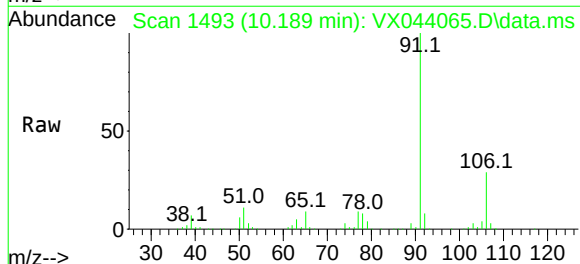
Acq: 02 Dec 2024 14:52

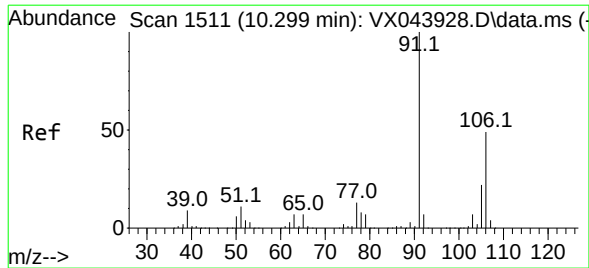
Tgt Ion: 91 Resp: 168318

Ion Ratio Lower Upper

91 100

106 29.2 23.6 35.4





#68

m/p-Xylenes

Concen: 9.081 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044065.D

Acq: 02 Dec 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

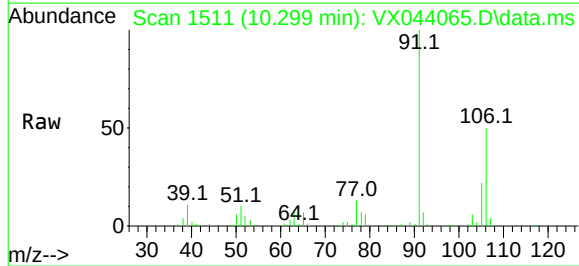
SPLP-C2-2DL

Tgt Ion:106 Resp: 26583

Ion Ratio Lower Upper

106 100

91 216.7 168.1 252.1



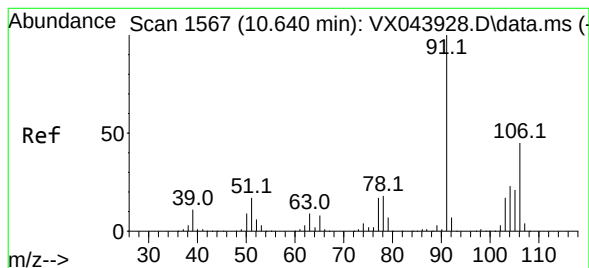
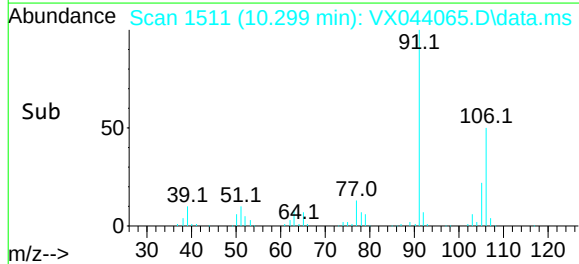
Abundance

100000

50000

10.299

Time-->



#69

o-Xylene

Concen: 7.418 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044065.D

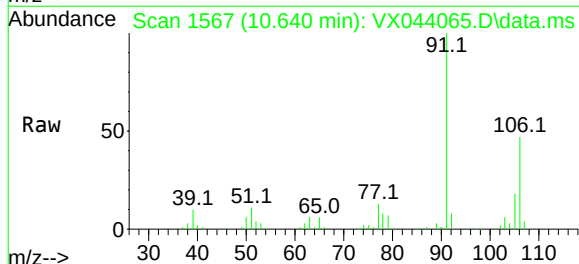
Acq: 02 Dec 2024 14:52

Tgt Ion:106 Resp: 21201

Ion Ratio Lower Upper

106 100

91 234.1 110.2 330.6



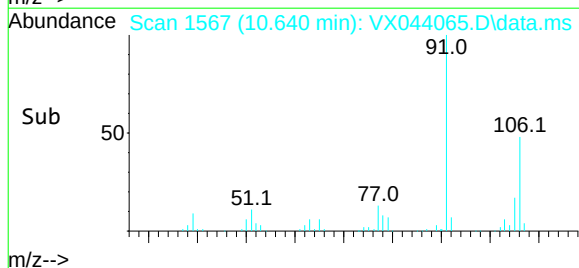
Abundance

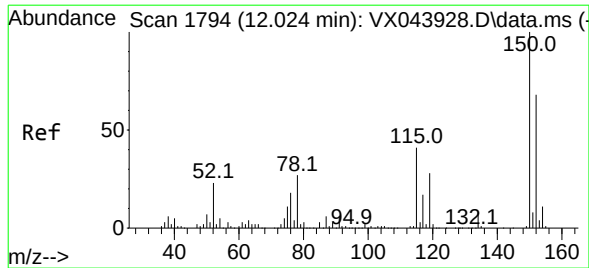
30000

20000

10000

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VX044065.D

Acq: 02 Dec 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2DL

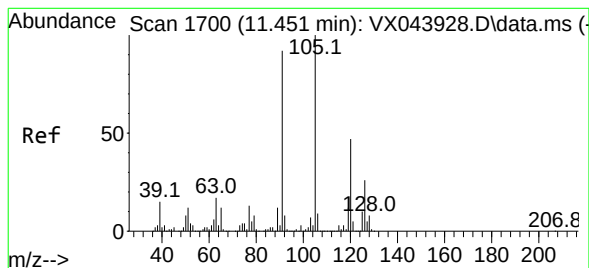
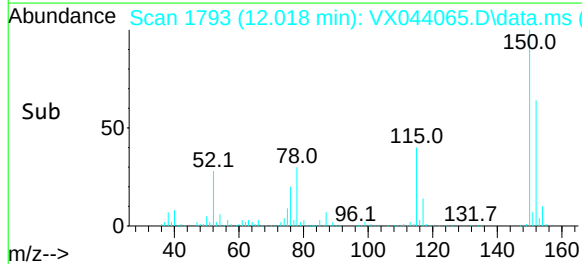
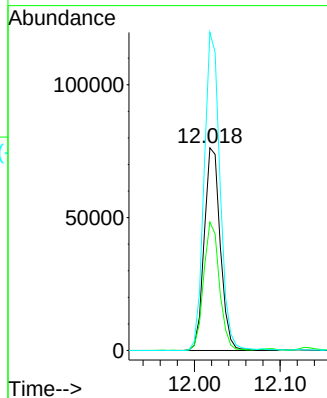
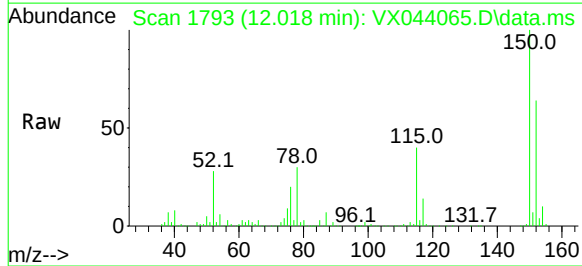
Tgt Ion:152 Resp: 99346

Ion Ratio Lower Upper

152 100

115 62.1 45.4 136.2

150 155.5 0.0 353.0



#80

1,3,5-Trimethylbenzene

Concen: 1.217 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044065.D

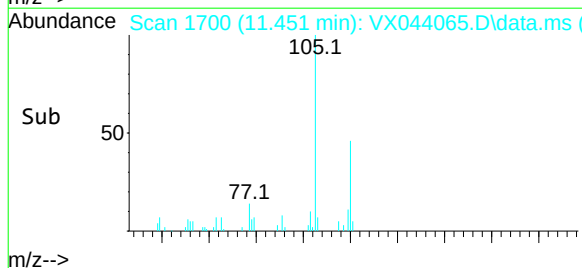
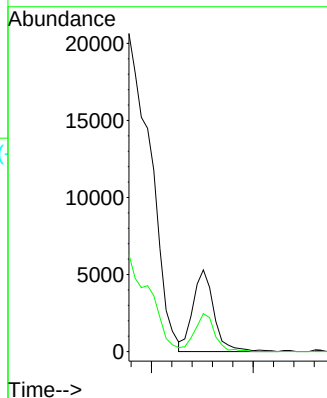
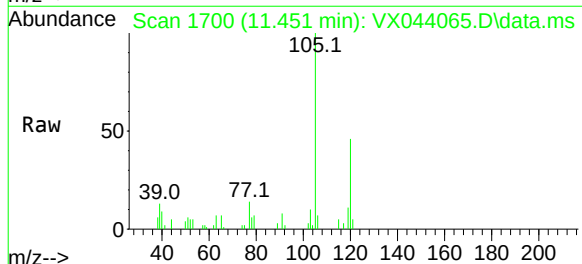
Acq: 02 Dec 2024 14:52

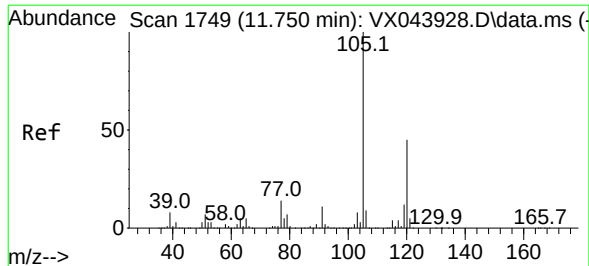
Tgt Ion:105 Resp: 7643

Ion Ratio Lower Upper

105 100

120 44.4 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 3.920 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044065.D

Acq: 02 Dec 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

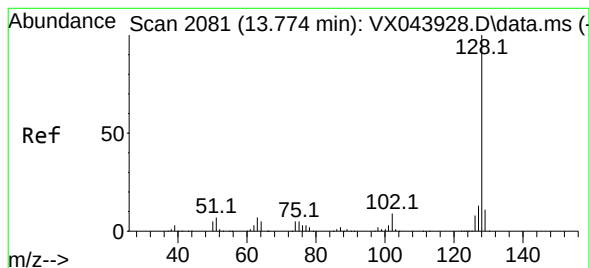
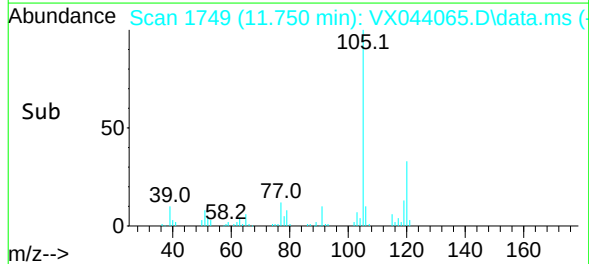
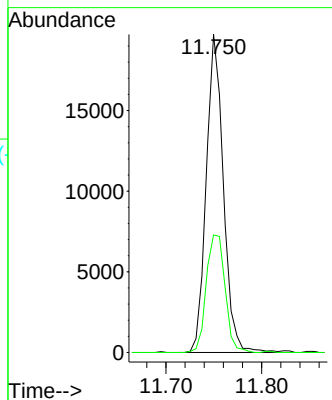
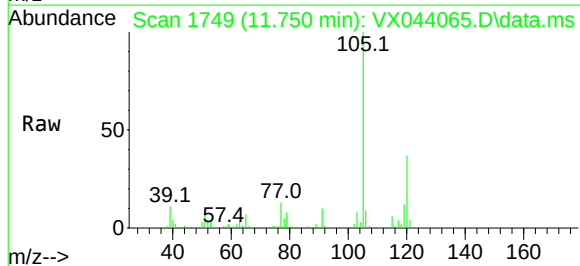
SPLP-C2-2DL

Tgt Ion:105 Resp: 24518

Ion Ratio Lower Upper

105 100

120 40.5 21.9 65.7



#95

Naphthalene

Concen: 306.560 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044065.D

Acq: 02 Dec 2024 14:52

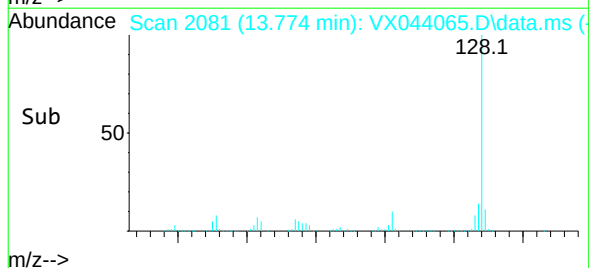
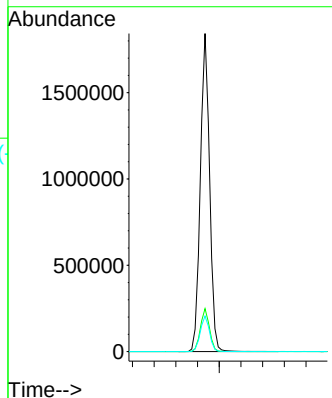
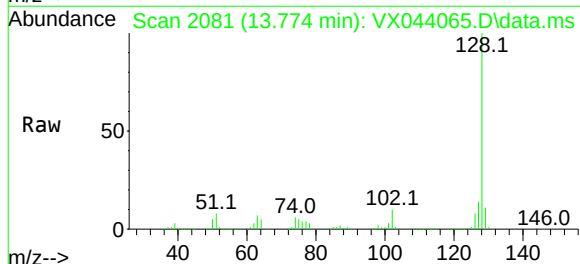
Tgt Ion:128 Resp: 2178441

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.1 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-3	SDG No.:	P5001
Lab Sample ID:	P5001-06	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044036.D	1		11/27/24 13:31	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	6.00		0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	18.5	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	160	E	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	100		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	16.9		0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	140		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-3	SDG No.:	P5001
Lab Sample ID:	P5001-06	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044036.D	1		11/27/24 13:31	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	430	E	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	170		0.31	10.0	ug/L
95-47-6	o-Xylene	130		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	17.5		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.8		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	30.8	*	70 (75) - 130 (124)	62%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	118000	5.55			
540-36-3	1,4-Difluorobenzene	225000	6.757			
3114-55-4	Chlorobenzene-d5	200000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	94700	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/25/24	
Client Sample ID:	SPLP-C2-3		SDG No.:	P5001	
Lab Sample ID:	P5001-06		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044036.D	1		11/27/24 13:31	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044036.D
 Acq On : 27 Nov 2024 13:31
 Operator : JC/MD
 Sample : P5001-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C2-3

Quant Time: Nov 29 04:09:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

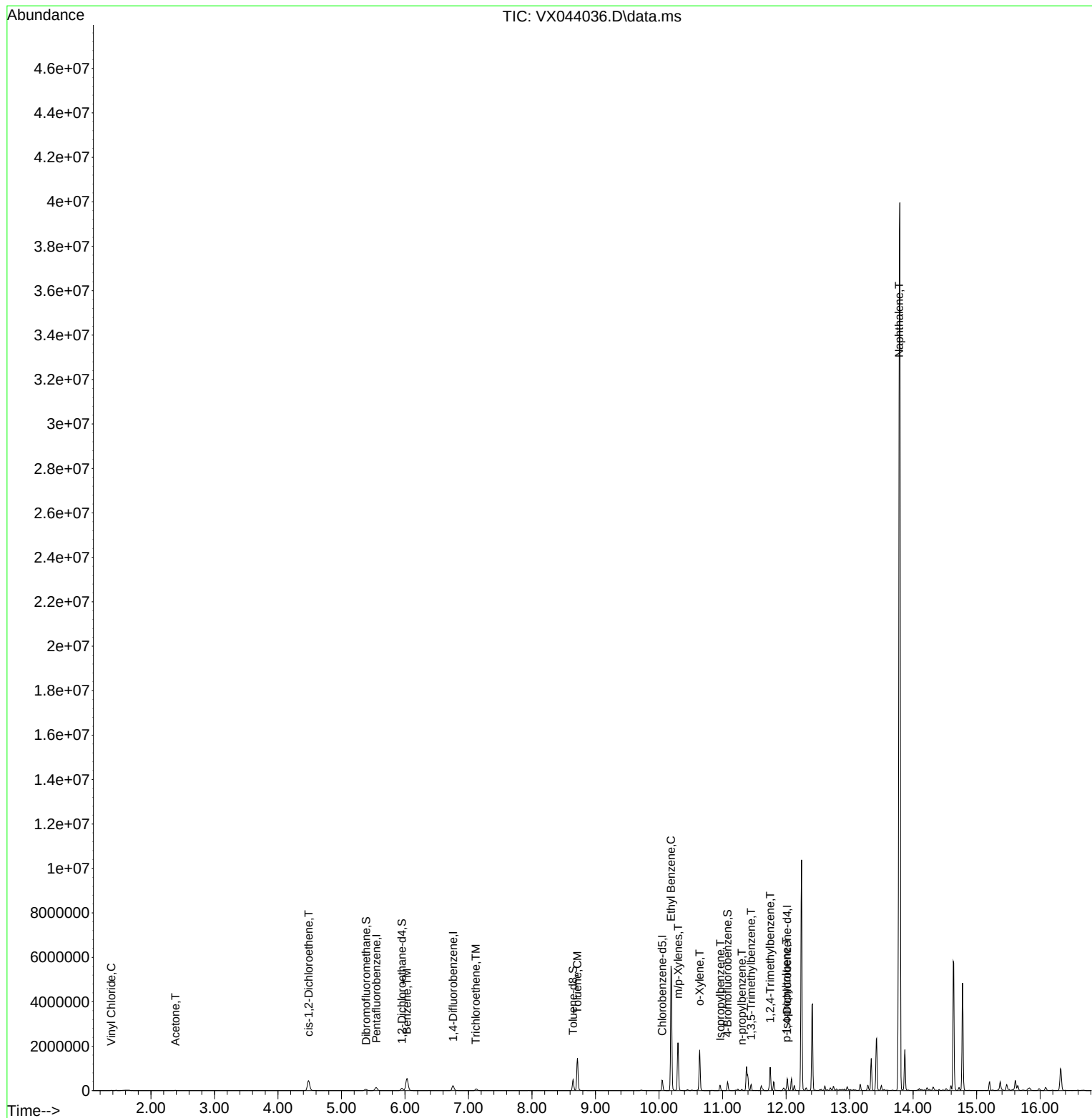
Internal Standards						
1) Pentafluorobenzene	5.550	168	117897	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	224840	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	200377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100646	49.772	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	99.540%	
35) Dibromofluoromethane	5.385	113	49501	30.811	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	61.620%#	
50) Toluene-d8	8.647	98	279518	50.472	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.940%	
62) 4-Bromofluorobenzene	11.079	95	98104	52.051	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	104.100%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	9957	5.956	ug/l	94
16) Acetone	2.386	43	17142	18.457	ug/l #	89
27) cis-1,2-Dichloroethene	4.483	96	270698	156.136	ug/l	91
40) Benzene	6.031	78	640238	102.666	ug/l	98
44) Trichloroethene	7.116	130	29866	16.918	ug/l	94
52) Toluene	8.714	92	533116	142.830	ug/l	99
67) Ethyl Benzene	10.189	91	3226170	432.623	ug/l	98
68) m/p-Xylenes	10.299	106	466477	167.739	ug/l	99
69) o-Xylene	10.640	106	366257	134.890	ug/l	99
73) Isopropylbenzene	10.963	105	127113	17.454	ug/l	98
78) n-propylbenzene	11.305	91	31747	3.903	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	114264	19.071	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	424310	71.131	ug/l	99
86) p-Isopropyltoluene	12.006	119	17535	2.967	ug/l #	74
95) Naphthalene	13.780	128	18284864	2698.167	ug/l #	66

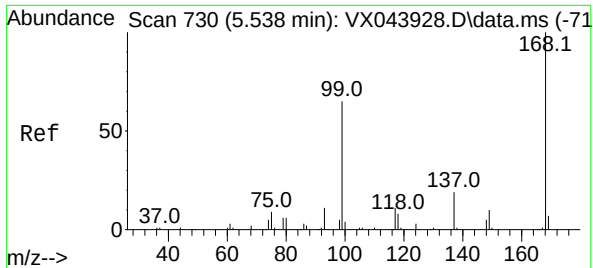
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044036.D
Acq On : 27 Nov 2024 13:31
Operator : JC/MD
Sample : P5001-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-3

Quant Time: Nov 29 04:09:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

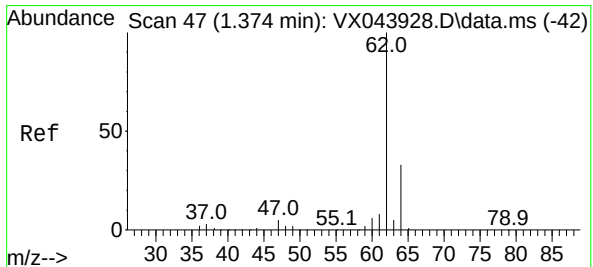
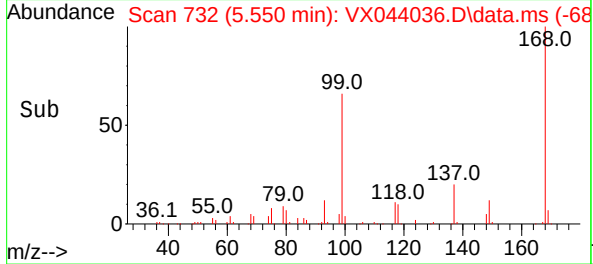
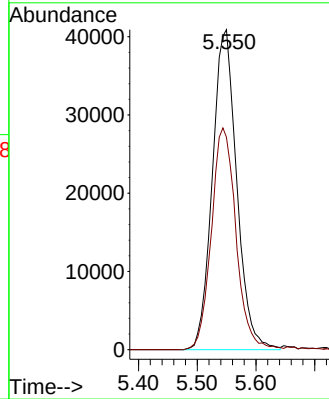
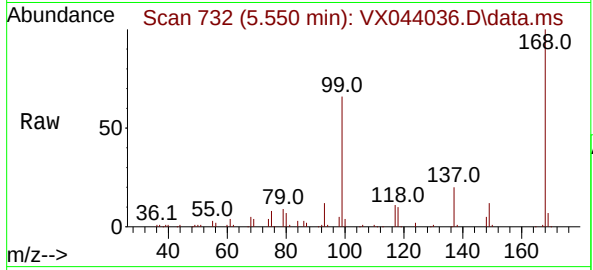




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.012 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

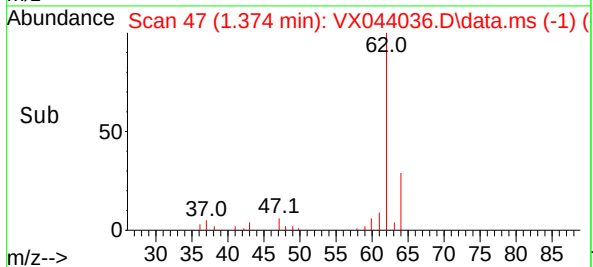
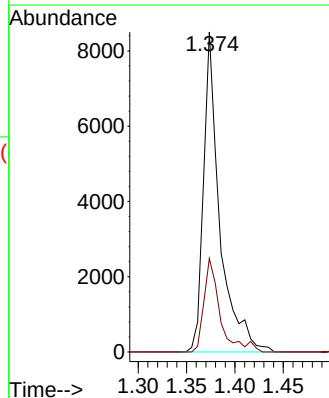
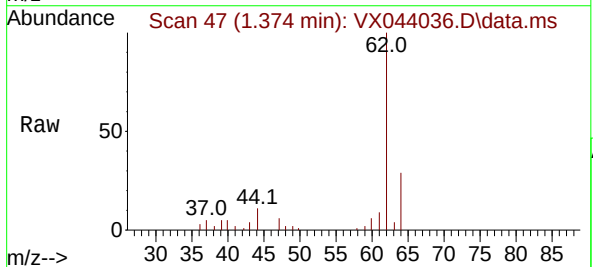
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-3

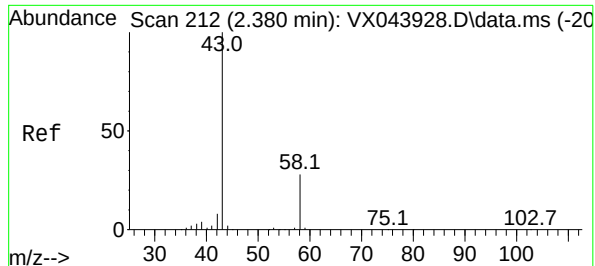
Tgt Ion:168 Resp: 117897
Ion Ratio Lower Upper
168 100
99 66.4 51.8 77.8



#4
Vinyl Chloride
Concen: 5.956 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

Tgt Ion: 62 Resp: 9957
Ion Ratio Lower Upper
62 100
64 29.2 26.2 39.4





#16

Acetone

Concen: 18.457 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

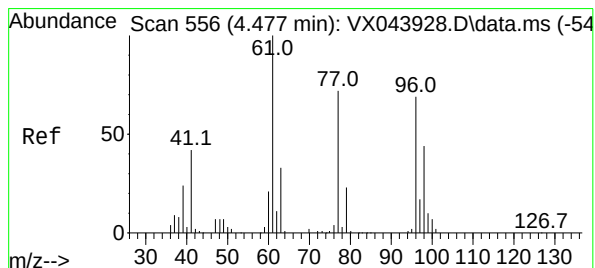
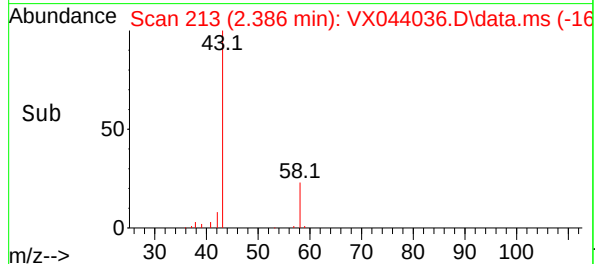
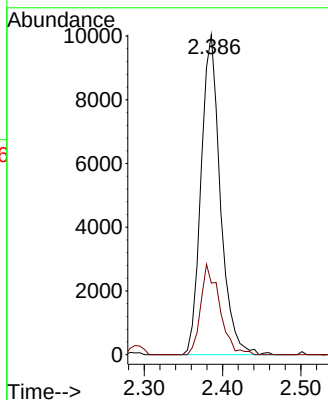
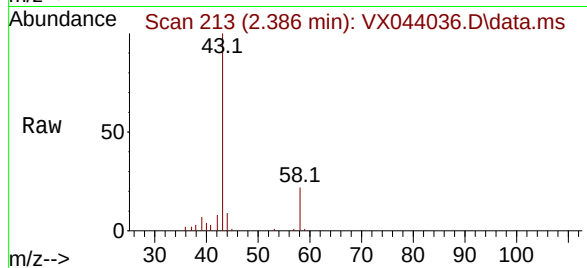
SPLP-C2-3

Tgt Ion: 43 Resp: 17142

Ion Ratio Lower Upper

43 100

58 22.4 22.7 34.1#



#27

cis-1,2-Dichloroethene

Concen: 156.136 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

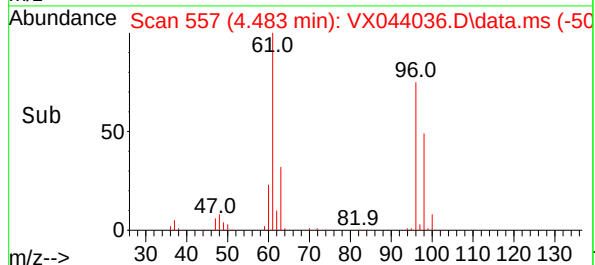
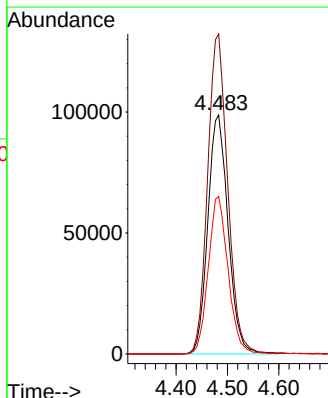
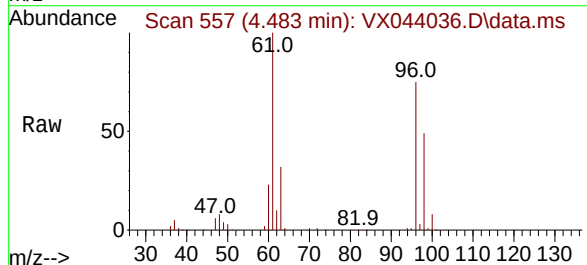
Tgt Ion: 96 Resp: 270698

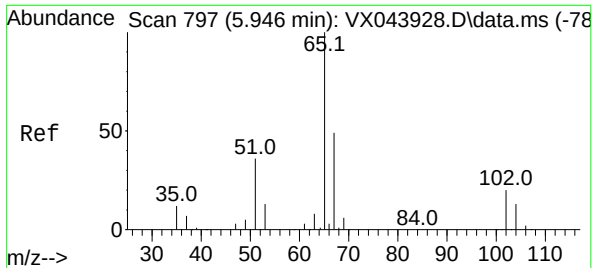
Ion Ratio Lower Upper

96 100

61 132.5 0.0 297.4

98 64.4 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 49.772 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

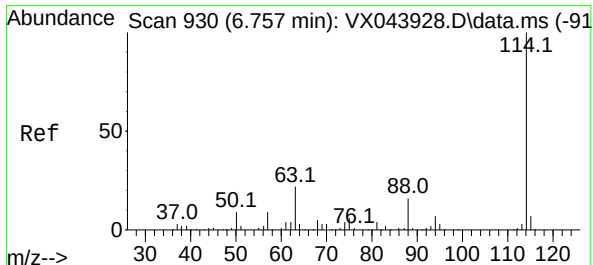
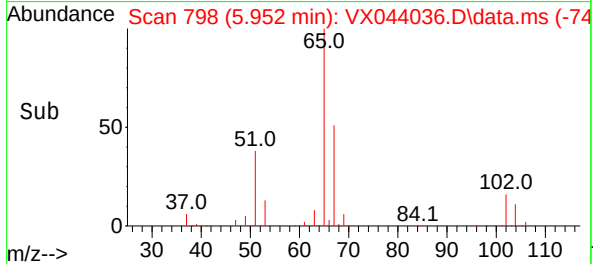
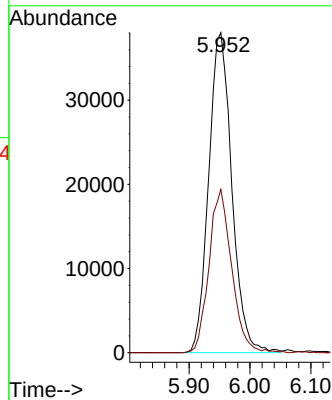
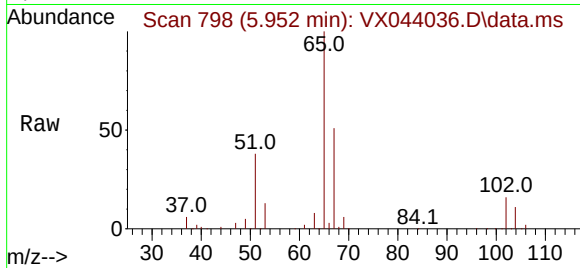
SPLP-C2-3

Tgt Ion: 65 Resp: 100646

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

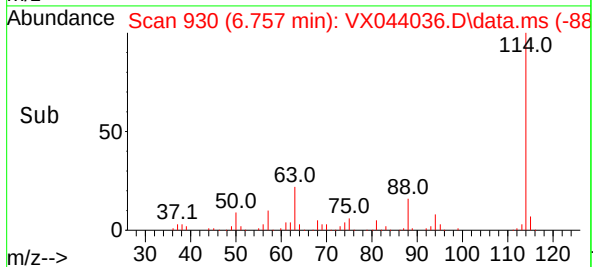
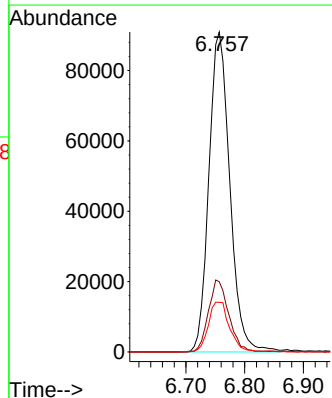
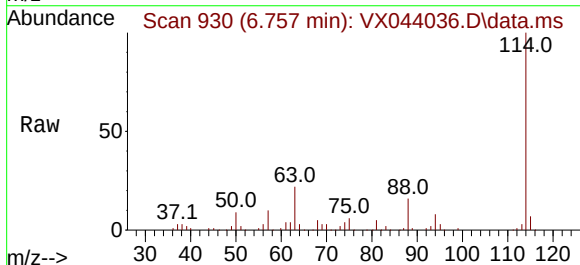
Tgt Ion:114 Resp: 224840

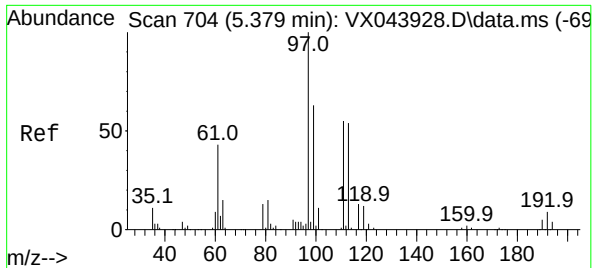
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 30.811 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-3

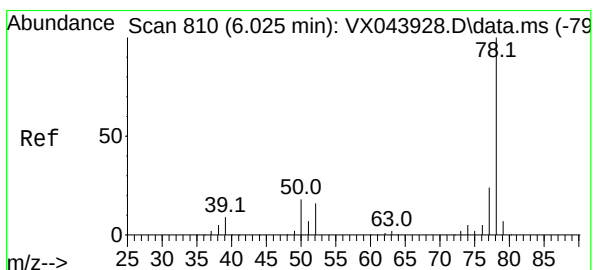
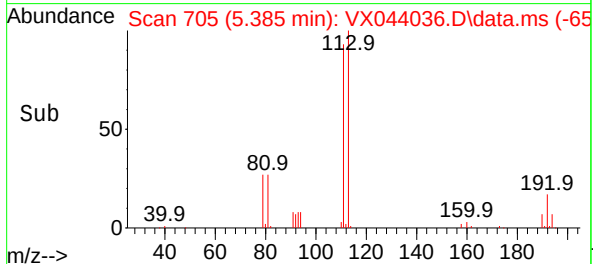
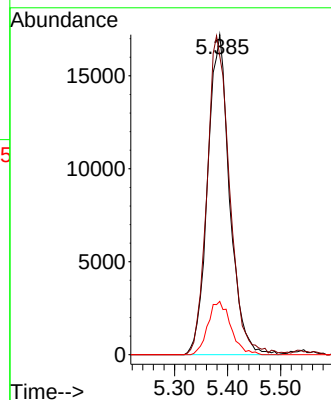
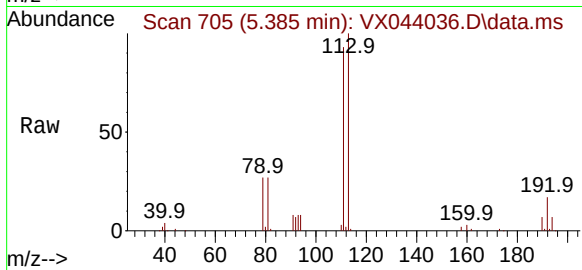
Tgt Ion:113 Resp: 49501

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.4

192 17.4 13.0 19.6



#40

Benzene

Concen: 102.666 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX044036.D

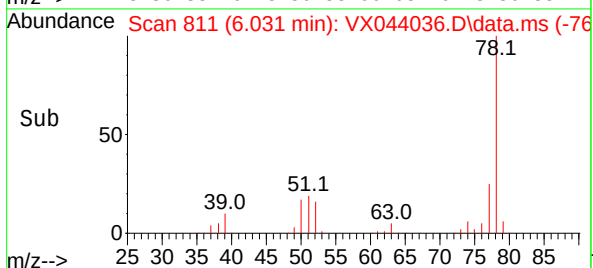
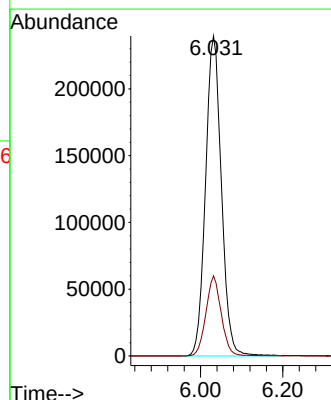
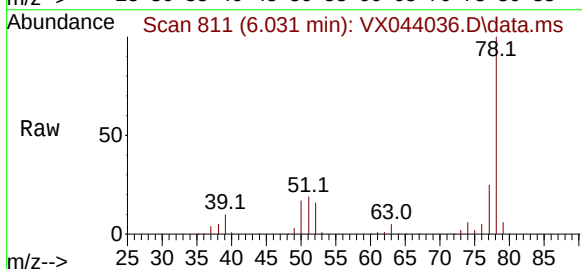
Acq: 27 Nov 2024 13:31

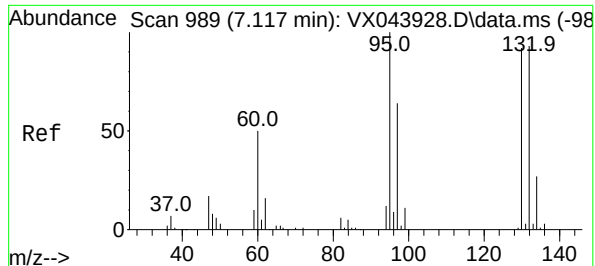
Tgt Ion: 78 Resp: 640238

Ion Ratio Lower Upper

78 100

77 25.1 19.2 28.8





#44

Trichloroethene

Concen: 16.918 ug/l

RT: 7.116 min Scan# 90

Delta R.T. -0.000 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

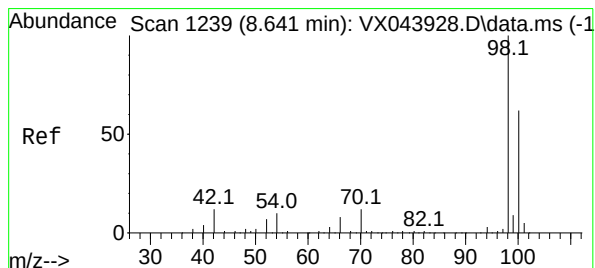
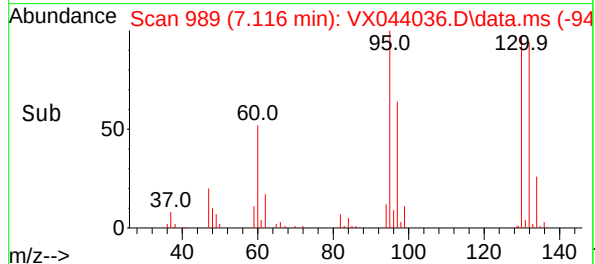
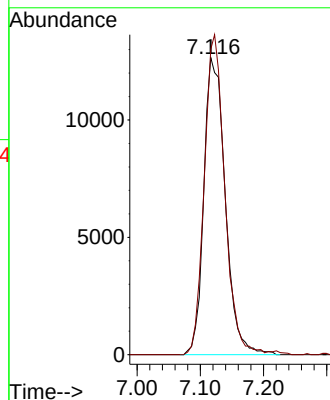
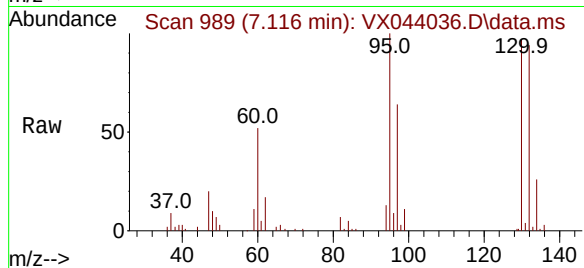
SPLP-C2-3

Tgt Ion:130 Resp: 29866

Ion Ratio Lower Upper

130 100

95 102.8 0.0 217.8



#50

Toluene-d8

Concen: 50.472 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044036.D

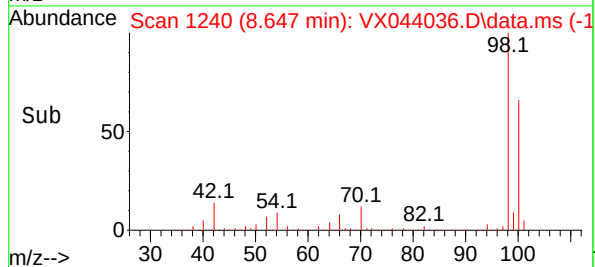
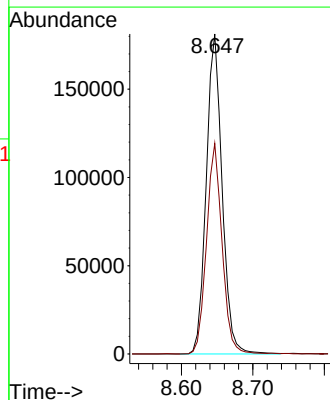
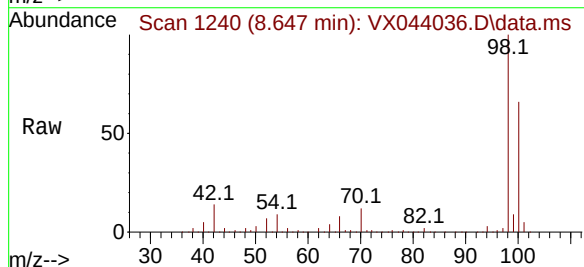
Acq: 27 Nov 2024 13:31

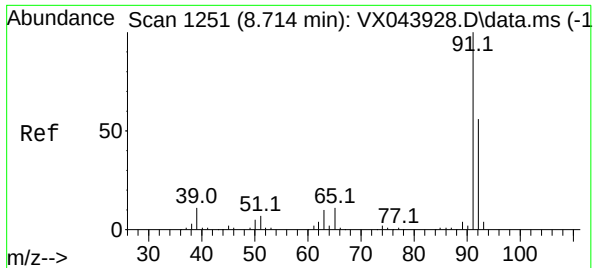
Tgt Ion: 98 Resp: 279518

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0





#52

Toluene

Concen: 142.830 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

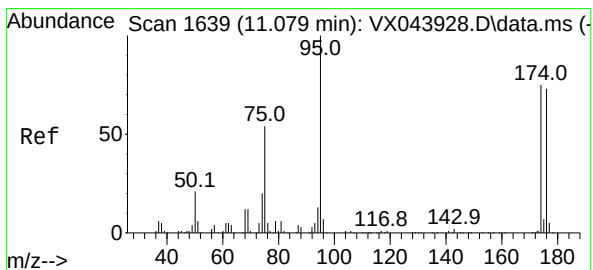
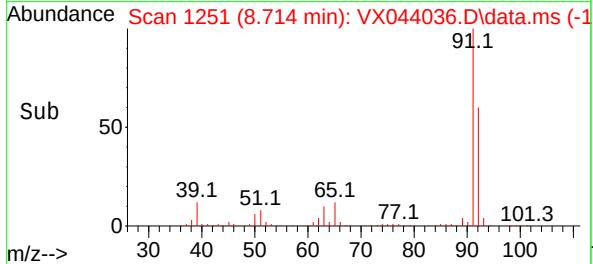
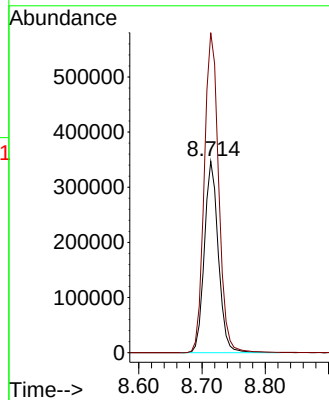
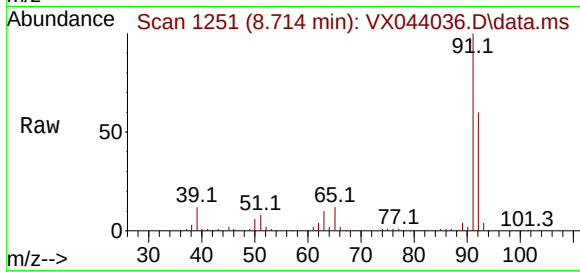
SPLP-C2-3

Tgt Ion: 92 Resp: 533116

Ion Ratio Lower Upper

92 100

91 173.1 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 52.051 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

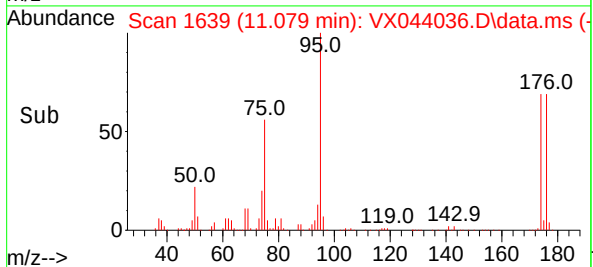
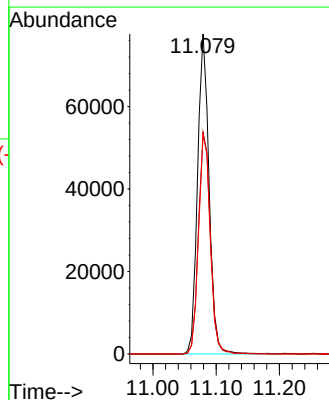
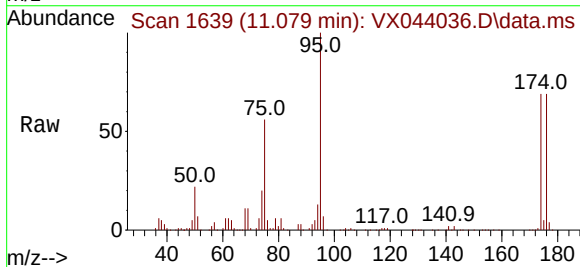
Tgt Ion: 95 Resp: 98104

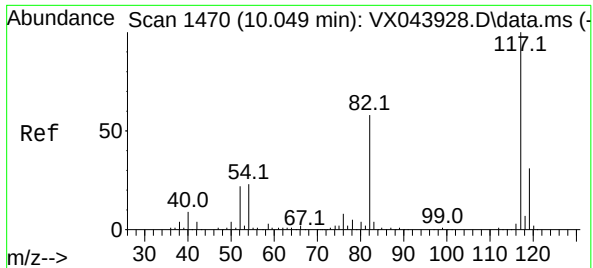
Ion Ratio Lower Upper

95 100

174 72.2 0.0 150.4

176 70.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-3

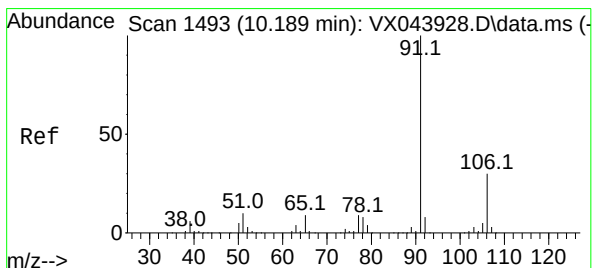
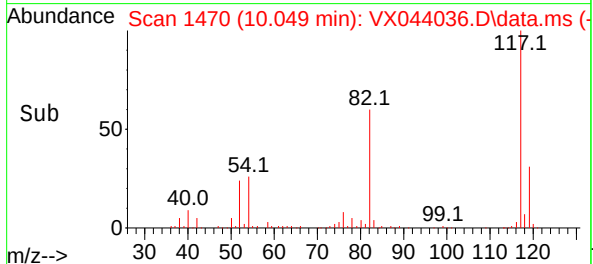
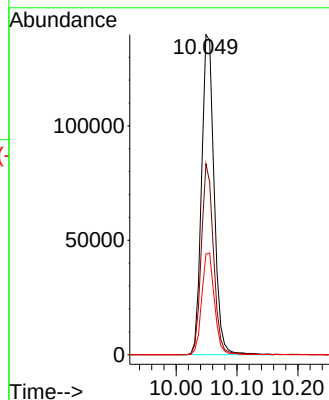
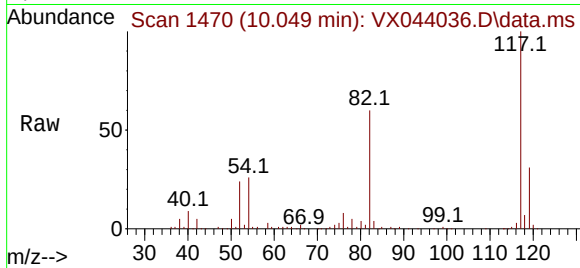
Tgt Ion:117 Resp: 200377

Ion Ratio Lower Upper

117 100

82 59.7 46.4 69.6

119 31.5 24.6 37.0



#67

Ethyl Benzene

Concen: 432.623 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044036.D

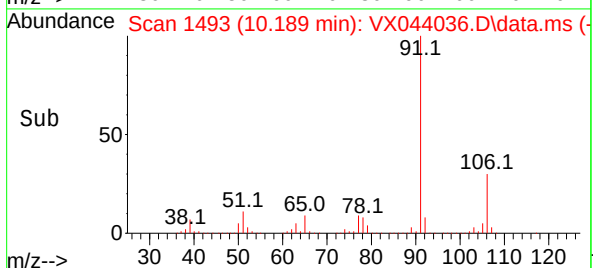
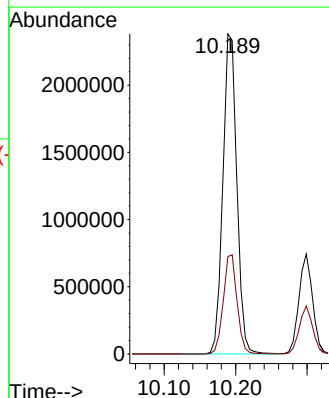
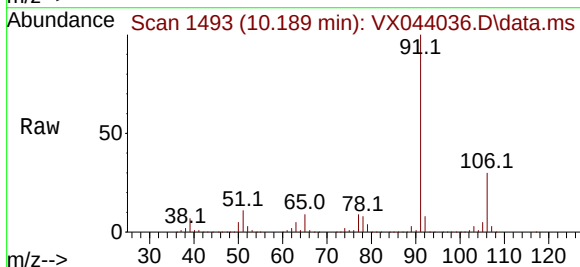
Acq: 27 Nov 2024 13:31

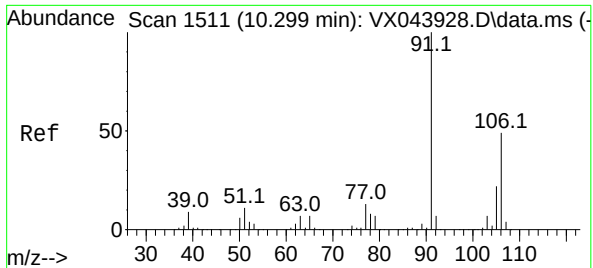
Tgt Ion: 91 Resp: 3226170

Ion Ratio Lower Upper

91 100

106 30.5 23.6 35.4

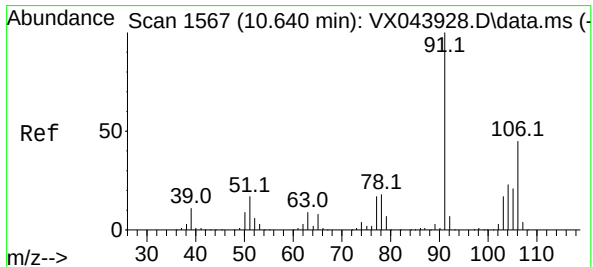
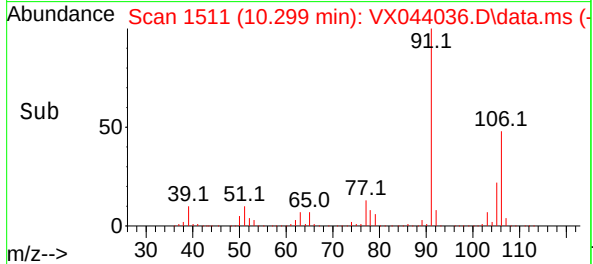
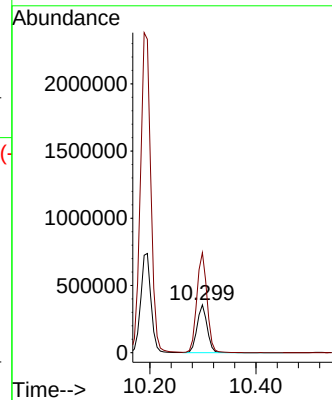
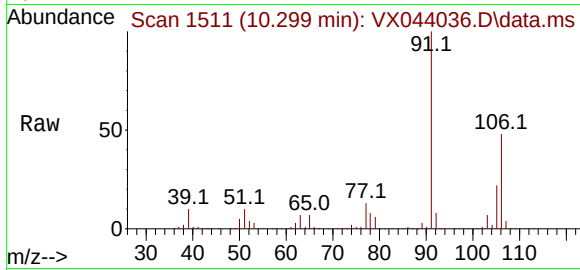




#68
m/p-Xylenes
Concen: 167.739 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

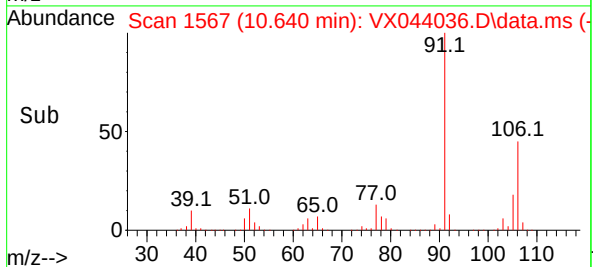
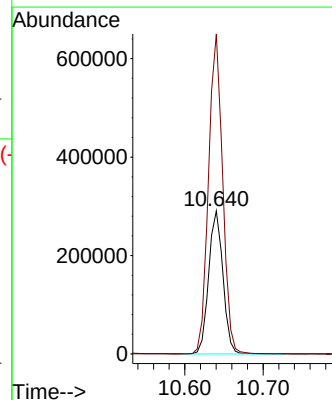
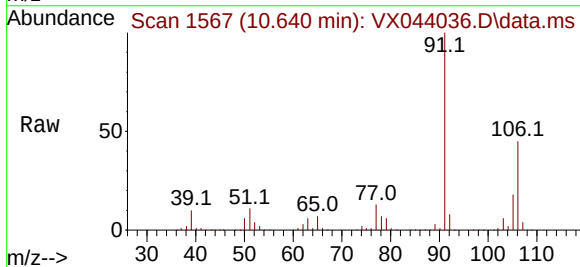
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-3

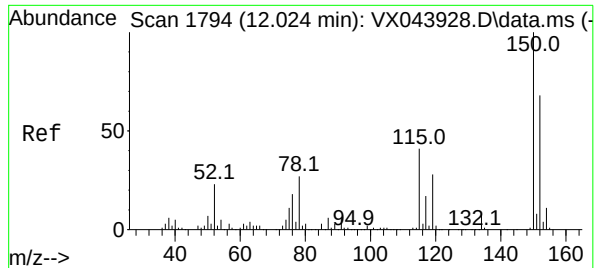
Tgt Ion:106 Resp: 466477
Ion Ratio Lower Upper
106 100
91 211.6 168.1 252.1



#69
o-Xylene
Concen: 134.890 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044036.D
Acq: 27 Nov 2024 13:31

Tgt Ion:106 Resp: 366257
Ion Ratio Lower Upper
106 100
91 222.4 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-3

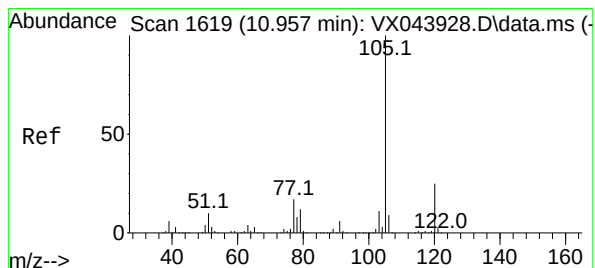
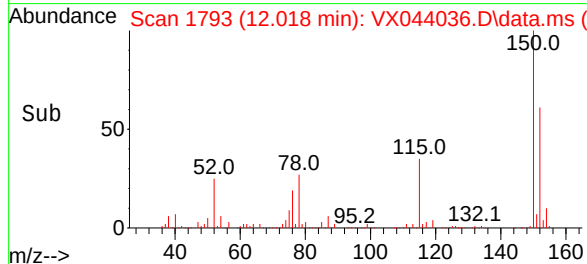
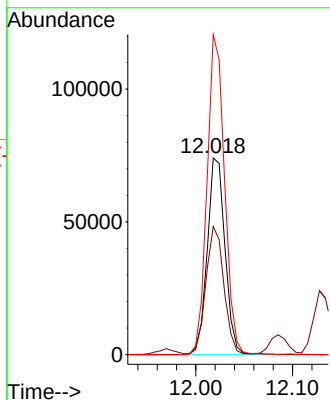
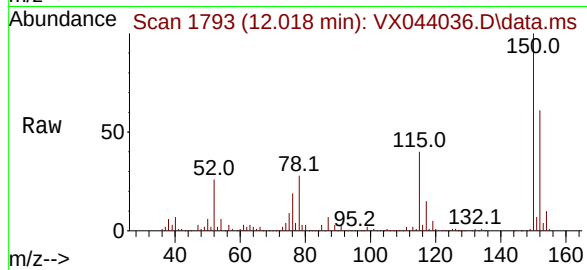
Tgt Ion:152 Resp: 94742

Ion Ratio Lower Upper

152 100

115 65.1 45.4 136.2

150 160.6 0.0 353.0



#73

Isopropylbenzene

Concen: 17.454 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044036.D

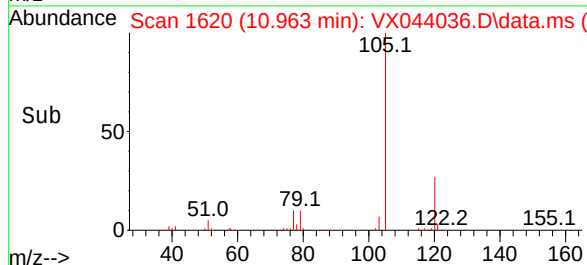
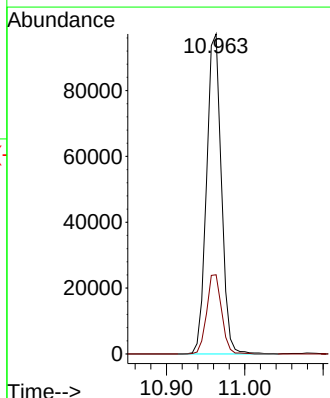
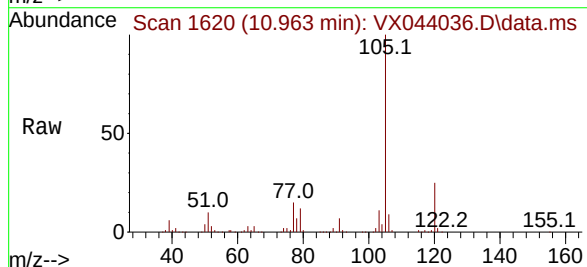
Acq: 27 Nov 2024 13:31

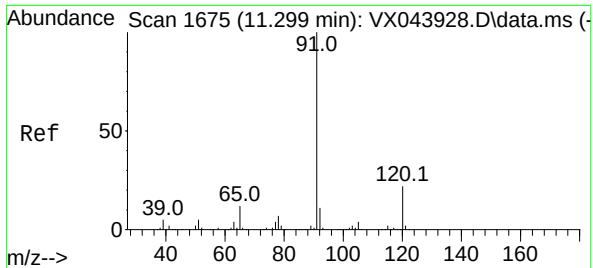
Tgt Ion:105 Resp: 127113

Ion Ratio Lower Upper

105 100

120 25.0 13.0 38.9





#78

n-propylbenzene

Concen: 3.903 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

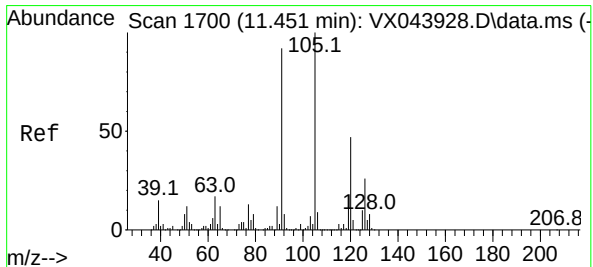
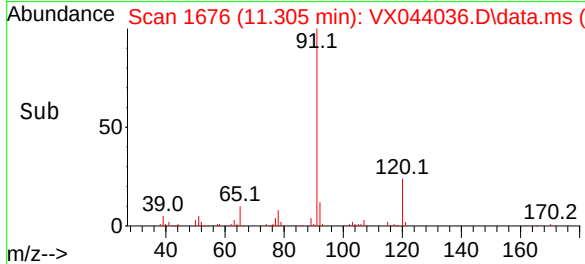
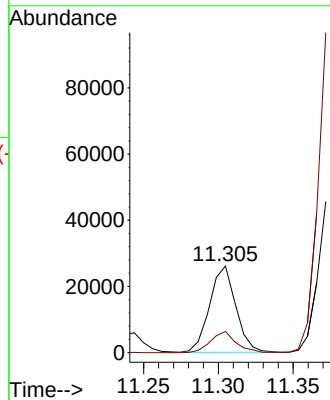
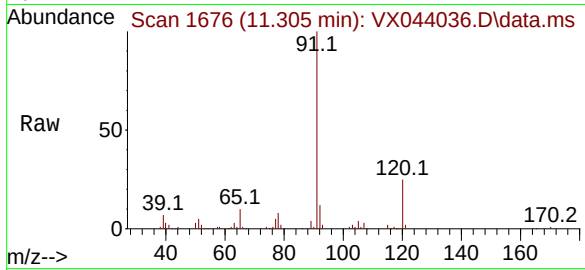
SPLP-C2-3

Tgt Ion: 91 Resp: 31747

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 19.071 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044036.D

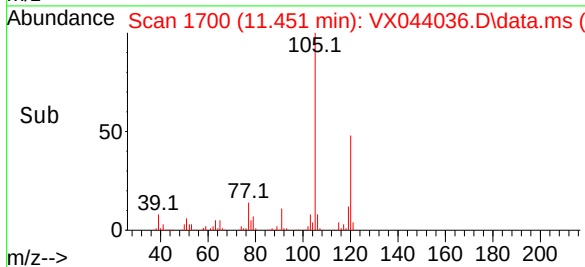
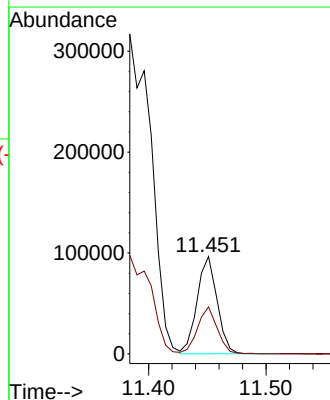
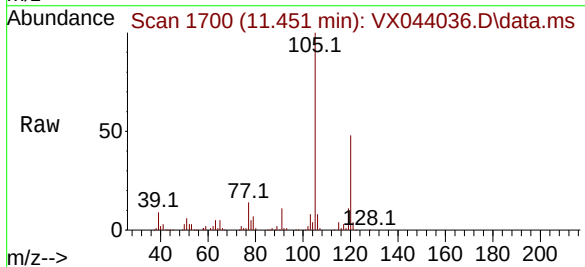
Acq: 27 Nov 2024 13:31

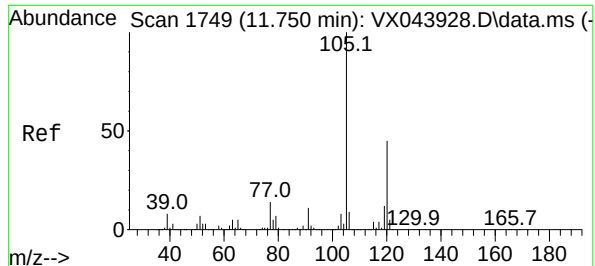
Tgt Ion:105 Resp: 114264

Ion Ratio Lower Upper

105 100

120 47.6 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 71.131 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

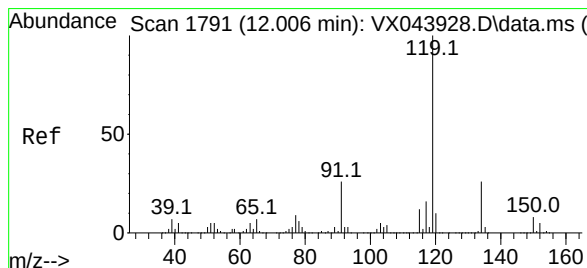
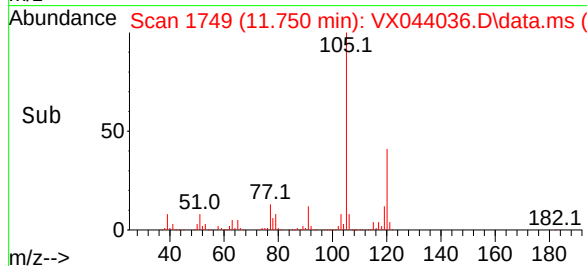
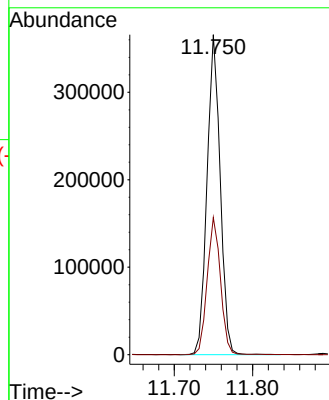
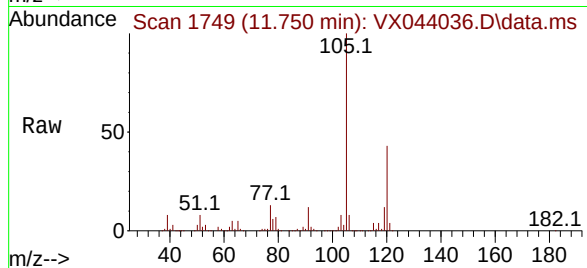
SPLP-C2-3

Tgt Ion:105 Resp: 424310

Ion Ratio Lower Upper

105 100

120 43.4 21.9 65.7



#86

p-Isopropyltoluene

Concen: 2.967 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

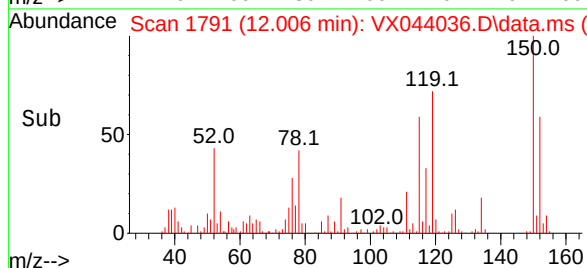
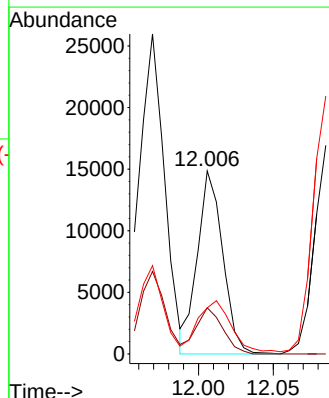
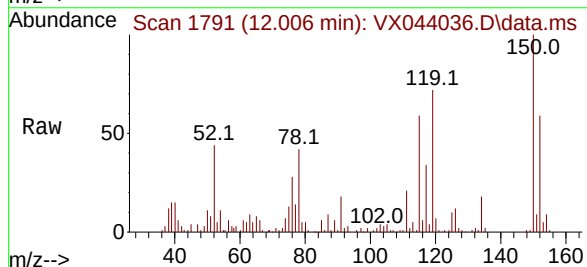
Tgt Ion:119 Resp: 17535

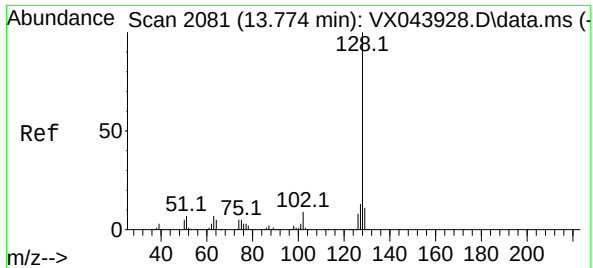
Ion Ratio Lower Upper

119 100

134 26.8 13.0 38.9

91 0.0 13.0 38.9#





#95

Naphthalene

Concen: 2698.167 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044036.D

Acq: 27 Nov 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-3

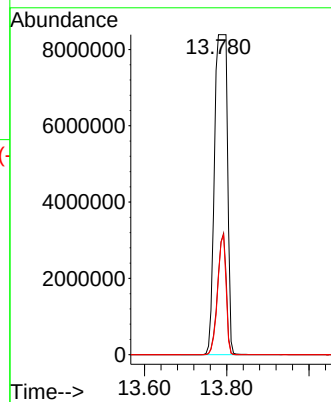
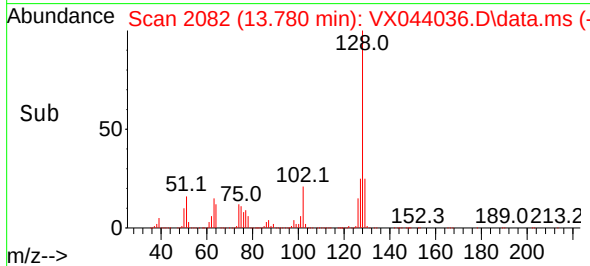
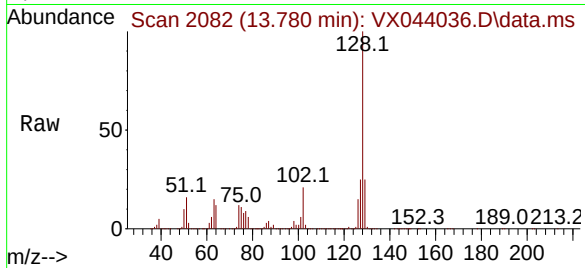
Tgt Ion:128 Resp:18284864

Ion Ratio Lower Upper

128 100

127 25.4 10.2 15.2#

129 24.2 8.6 12.8#



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-3DL	SDG No.:	P5001
Lab Sample ID:	P5001-06DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044066.D	10		12/02/24 15:15	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.10	UD	2.10	50.0	ug/L
74-87-3	Chloromethane	3.50	UD	3.50	50.0	ug/L
75-01-4	Vinyl Chloride	3.40	UD	3.40	50.0	ug/L
74-83-9	Bromomethane	13.6	UD	13.6	50.0	ug/L
75-00-3	Chloroethane	5.60	UD	5.60	50.0	ug/L
75-69-4	Trichlorofluoromethane	3.40	UD	3.40	50.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	UD	2.50	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.60	UD	2.60	50.0	ug/L
67-64-1	Acetone	13.9	UD	13.9	250	ug/L
75-15-0	Carbon Disulfide	3.20	UD	3.20	50.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	UD	1.60	50.0	ug/L
79-20-9	Methyl Acetate	6.00	UD	6.00	50.0	ug/L
75-09-2	Methylene Chloride	3.20	UD	3.20	50.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.50	UD	2.50	50.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	UD	2.30	50.0	ug/L
110-82-7	Cyclohexane	16.2	UD	16.2	50.0	ug/L
78-93-3	2-Butanone	13.0	UD	13.0	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	UD	2.50	50.0	ug/L
156-59-2	cis-1,2-Dichloroethene	150	D	2.50	50.0	ug/L
74-97-5	Bromochloromethane	1.80	UD	1.80	50.0	ug/L
67-66-3	Chloroform	2.60	UD	2.60	50.0	ug/L
71-55-6	1,1,1-Trichloroethane	1.90	UD	1.90	50.0	ug/L
108-87-2	Methylcyclohexane	1.90	UD	1.90	50.0	ug/L
71-43-2	Benzene	100	D	1.60	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.40	UD	2.40	50.0	ug/L
79-01-6	Trichloroethene	17.1	JD	3.20	50.0	ug/L
78-87-5	1,2-Dichloropropane	1.90	UD	1.90	50.0	ug/L
75-27-4	Bromodichloromethane	2.40	UD	2.40	50.0	ug/L
108-10-1	4-Methyl-2-Pentanone	7.50	UD	7.50	250	ug/L
108-88-3	Toluene	140	D	1.80	50.0	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-3DL	SDG No.:	P5001
Lab Sample ID:	P5001-06DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044066.D	10		12/02/24 15:15	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	2.10	UD	2.10	50.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.80	UD	1.80	50.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	UD	2.10	50.0	ug/L
591-78-6	2-Hexanone	11.3	UD	11.3	250	ug/L
124-48-1	Dibromochloromethane	1.80	UD	1.80	50.0	ug/L
106-93-4	1,2-Dibromoethane	1.60	UD	1.60	50.0	ug/L
127-18-4	Tetrachloroethene	2.50	UD	2.50	50.0	ug/L
108-90-7	Chlorobenzene	1.30	UD	1.30	50.0	ug/L
100-41-4	Ethyl Benzene	410	D	1.60	50.0	ug/L
179601-23-1	m/p-Xylenes	150	D	3.10	100	ug/L
95-47-6	o-Xylene	130	D	1.40	50.0	ug/L
100-42-5	Styrene	1.60	UD	1.60	50.0	ug/L
75-25-2	Bromoform	2.10	UD	2.10	50.0	ug/L
98-82-8	Isopropylbenzene	16.3	JD	1.30	50.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.70	UD	2.70	50.0	ug/L
541-73-1	1,3-Dichlorobenzene	2.40	UD	2.40	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	2.70	UD	2.70	50.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.90	UD	1.90	50.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	4.60	UD	4.60	50.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.20	UD	4.20	50.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.10	UD	5.10	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	45.6		70 (75) - 130 (124)	91%	SPK: 50
2037-26-5	Toluene-d8	50.4		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.8		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	120000	5.55			
540-36-3	1,4-Difluorobenzene	232000	6.757			
3114-55-4	Chlorobenzene-d5	204000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	95400	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C2-3DL	SDG No.:	P5001
Lab Sample ID:	P5001-06DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044066.D	10		12/02/24 15:15	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044066.D
 Acq On : 02 Dec 2024 15:15
 Operator : JC/MD
 Sample : P5001-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C2-3DL

Quant Time: Dec 03 00:21:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

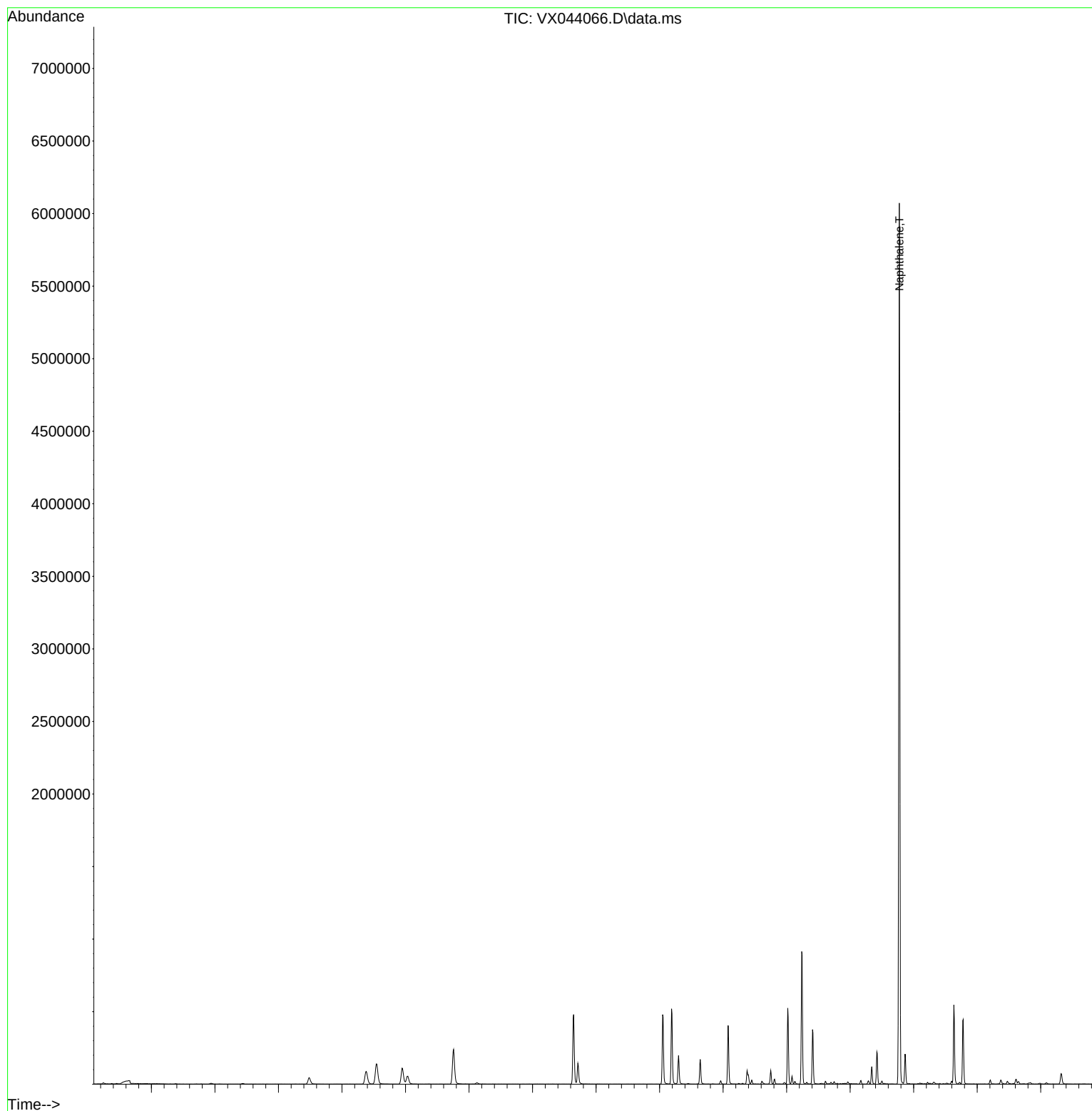
Internal Standards						
1) Pentafluorobenzene	5.550	168	120449	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	231562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105705	51.166	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.340%			
35) Dibromofluoromethane	5.379	113	75420	45.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.160%			
50) Toluene-d8	8.647	98	287296	50.370	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.740%			
62) 4-Bromofluorobenzene	11.079	95	102472	52.790	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.580%			
Target Compounds						
27) cis-1,2-Dichloroethene	4.483	96	27228	15.372	ug/l	89
40) Benzene	6.037	78	64882	10.102	ug/l	98
44) Trichloroethene	7.129	130	3102	1.706	ug/l	87
52) Toluene	8.714	92	52917	13.766	ug/l	98
67) Ethyl Benzene	10.189	91	308936	40.625	ug/l	99
68) m/p-Xylenes	10.299	106	43816	15.451	ug/l	97
69) o-Xylene	10.640	106	34942	12.620	ug/l	91
73) Isopropylbenzene	10.963	105	11928	1.626	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	11810	1.957	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	39796	6.623	ug/l	96
95) Naphthalene	13.774	128	3349221	490.647	ug/l	99

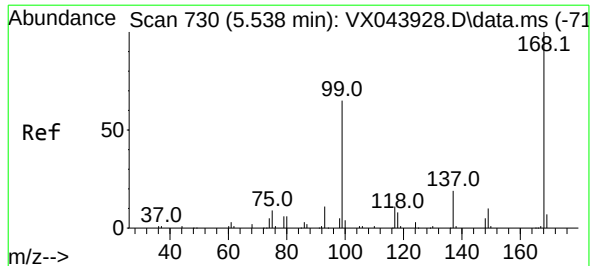
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044066.D
Acq On : 02 Dec 2024 15:15
Operator : JC/MD
Sample : P5001-06DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-3DL

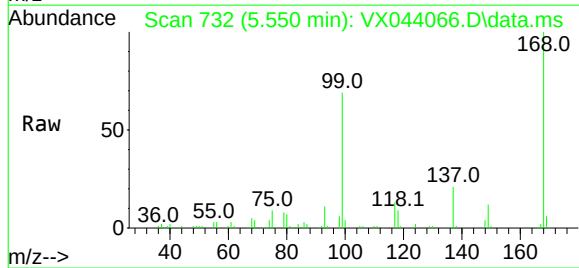
Quant Time: Dec 03 00:21:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



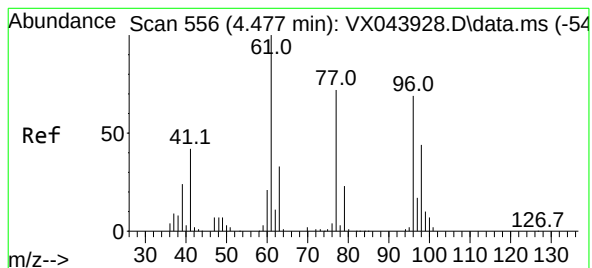
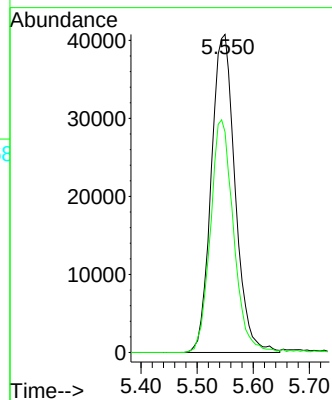
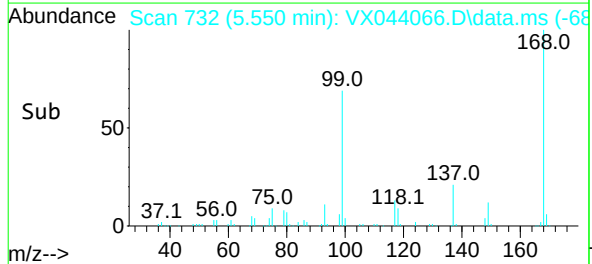


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. 0.012 min
Lab File: VX044066.D
Acq: 02 Dec 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-3DL

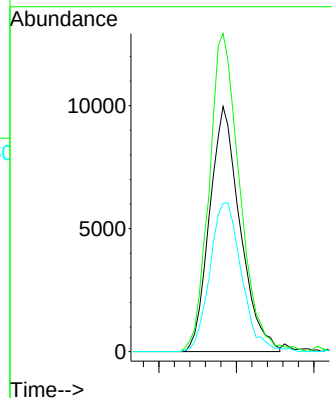
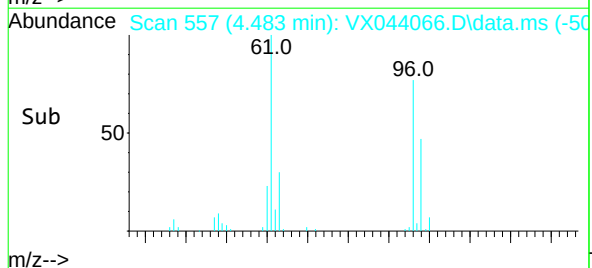
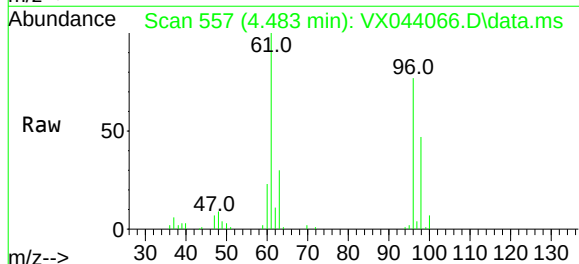


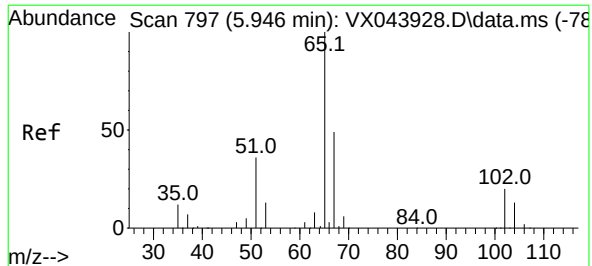
Tgt Ion:168 Resp: 120449
Ion Ratio Lower Upper
168 100
99 69.3 51.8 77.8



#27
cis-1,2-Dichloroethene
Concen: 15.372 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044066.D
Acq: 02 Dec 2024 15:15

Tgt Ion: 96 Resp: 27228
Ion Ratio Lower Upper
96 100
61 130.3 0.0 297.4
98 63.1 0.0 127.8

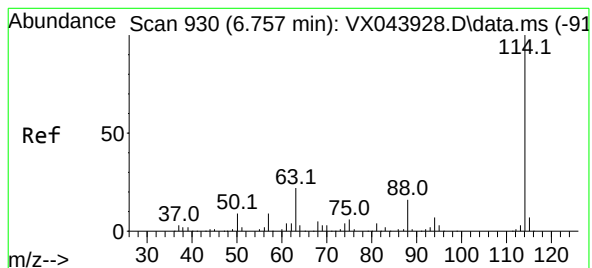
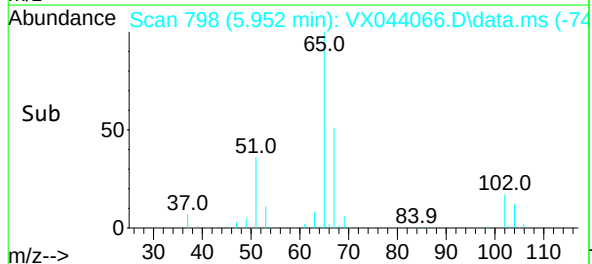
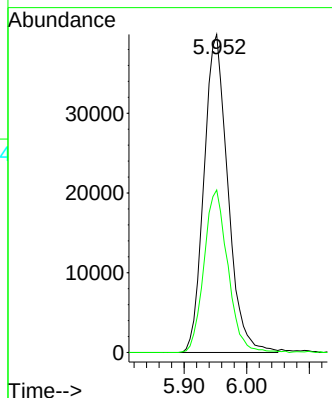
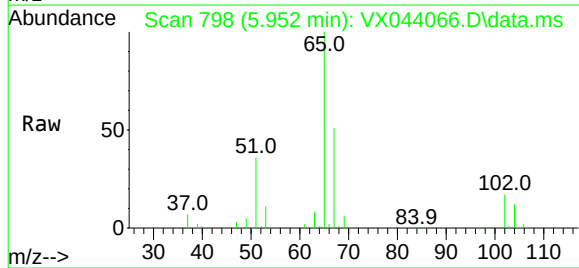




#33
1,2-Dichloroethane-d4
Concen: 51.166 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044066.D
Acq: 02 Dec 2024 15:15

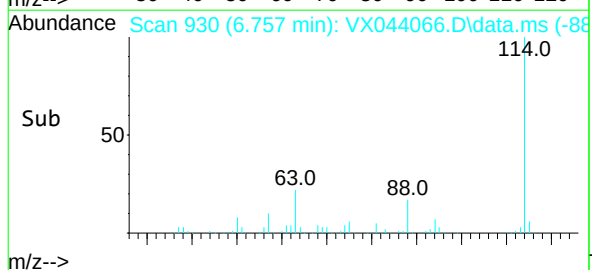
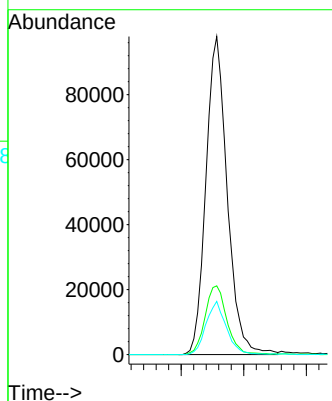
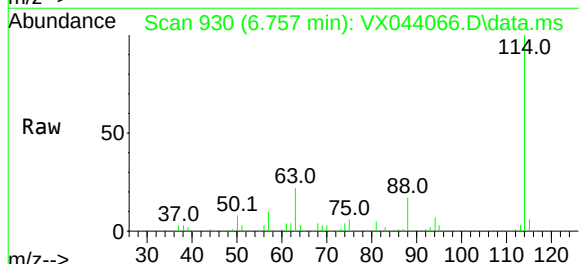
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-3DL

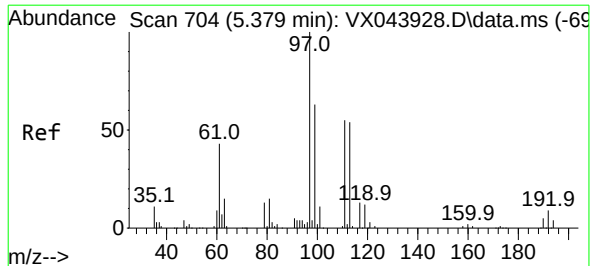
Tgt Ion: 65 Resp: 105705
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044066.D
Acq: 02 Dec 2024 15:15

Tgt Ion: 114 Resp: 231562
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.581 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044066.D

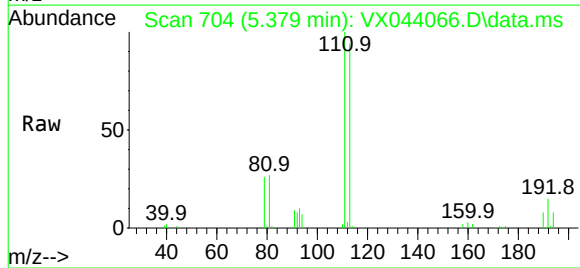
Acq: 02 Dec 2024 15:15

Instrument :

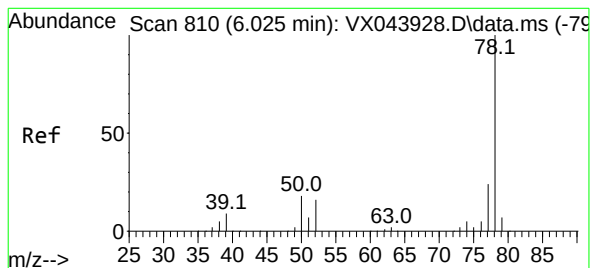
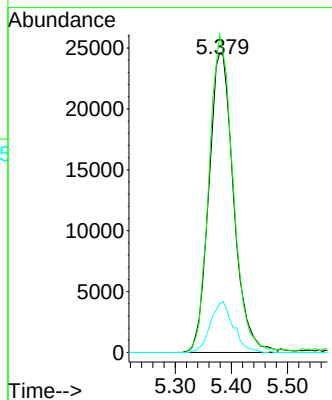
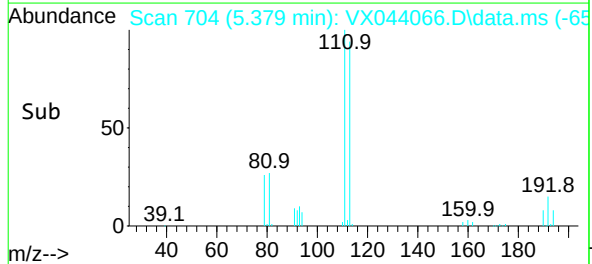
MSVOA_X

ClientSampleId :

SPLP-C2-3DL



Tgt Ion:	113	Resp:	75420
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.4
192	15.8	13.0	19.6



#40

Benzene

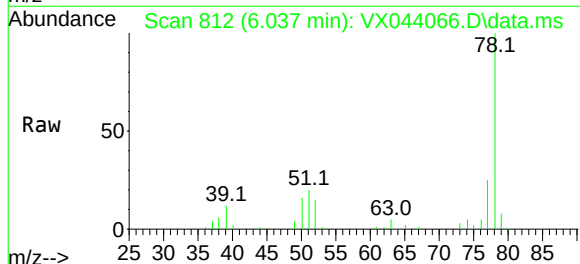
Concen: 10.102 ug/l

RT: 6.037 min Scan# 812

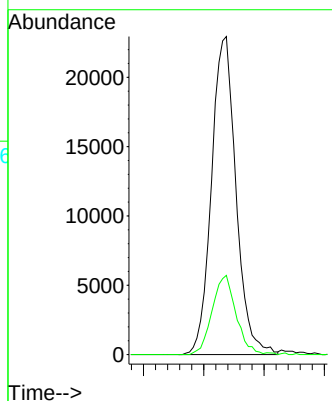
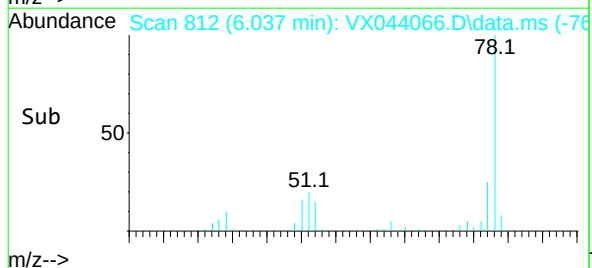
Delta R.T. 0.012 min

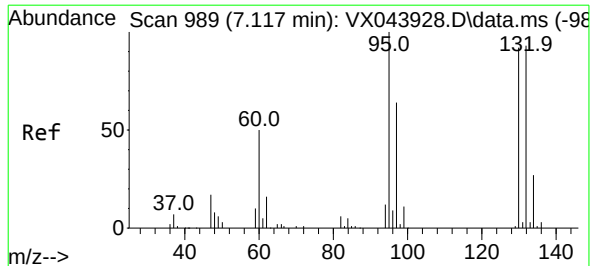
Lab File: VX044066.D

Acq: 02 Dec 2024 15:15



Tgt Ion:	78	Resp:	64882
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.2	28.8





#44

Trichloroethene

Concen: 1.706 ug/l

RT: 7.129 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX044066.D

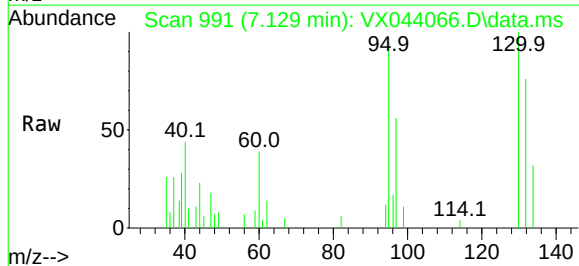
Acq: 02 Dec 2024 15:15

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-3DL

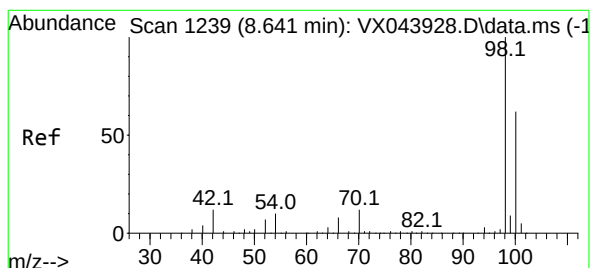
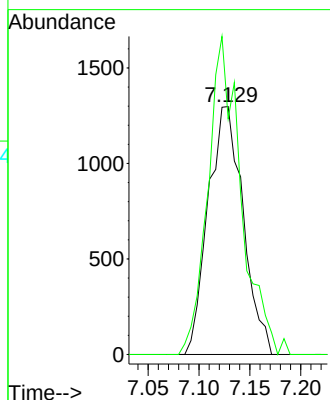
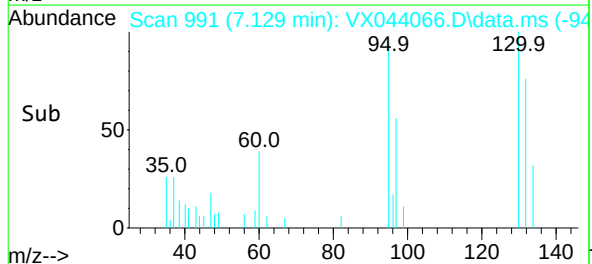


Tgt Ion:130 Resp: 3102

Ion Ratio Lower Upper

130 100

95 95.1 0.0 217.8



#50

Toluene-d8

Concen: 50.370 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044066.D

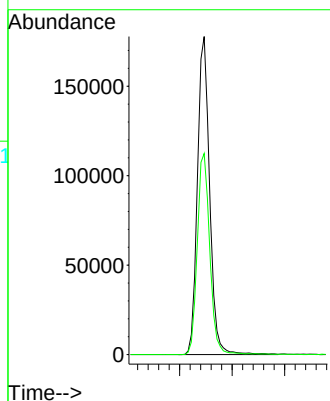
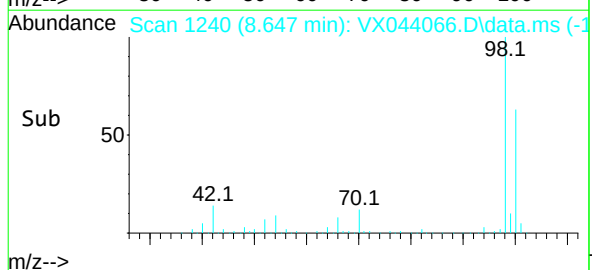
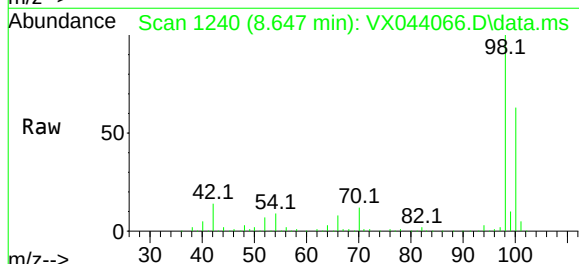
Acq: 02 Dec 2024 15:15

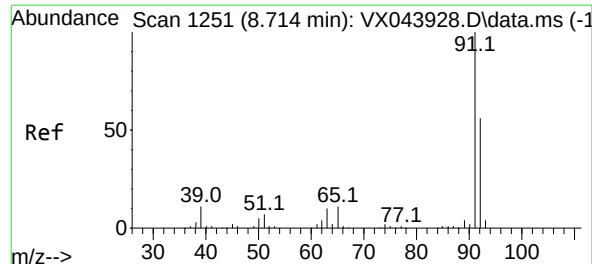
Tgt Ion: 98 Resp: 287296

Ion Ratio Lower Upper

98 100

100 64.4 52.6 79.0





#52

Toluene

Concen: 13.766 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

Instrument :

MSVOA_X

ClientSampleId :

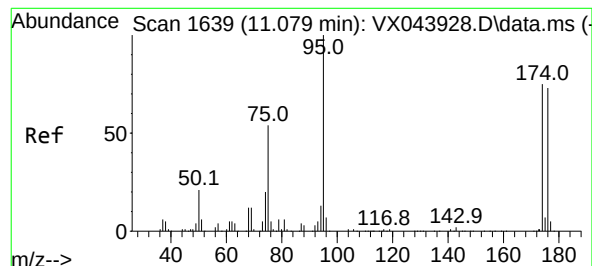
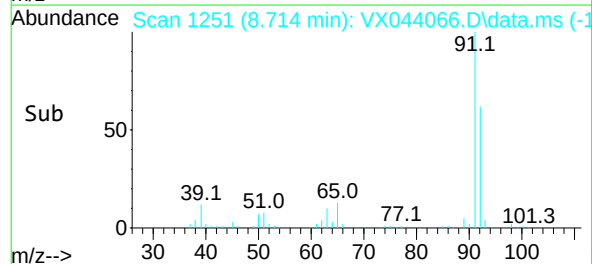
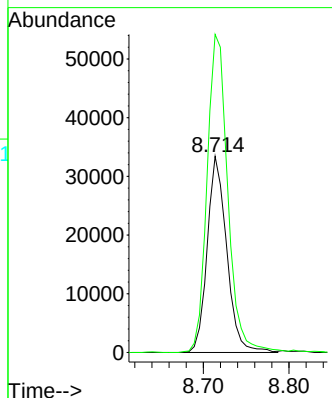
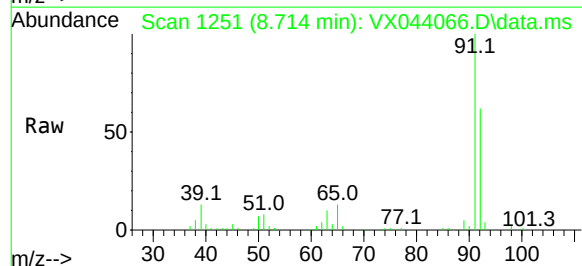
SPLP-C2-3DL

Tgt Ion: 92 Resp: 52917

Ion Ratio Lower Upper

92 100

91 171.9 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 52.790 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

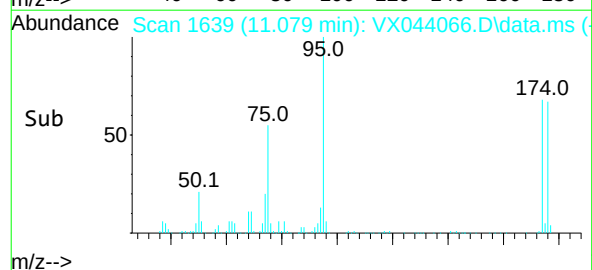
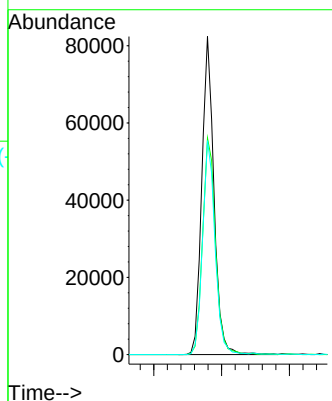
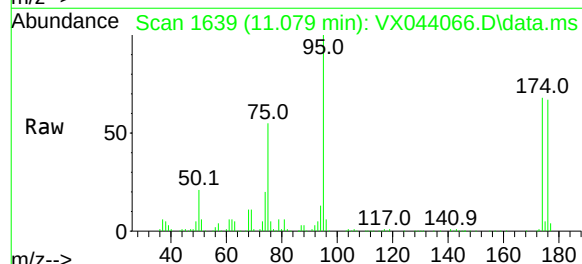
Tgt Ion: 95 Resp: 102472

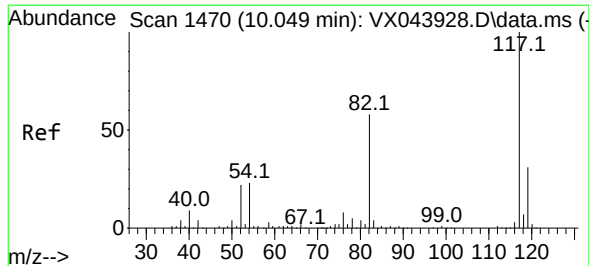
Ion Ratio Lower Upper

95 100

174 72.2 0.0 150.4

176 68.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044066.D

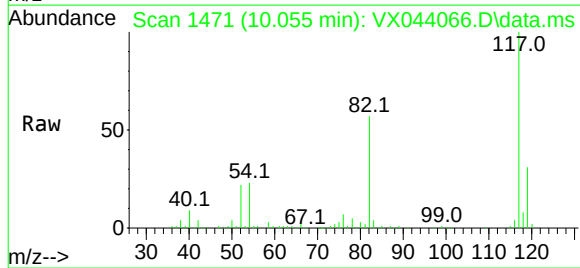
Acq: 02 Dec 2024 15:15

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-3DL



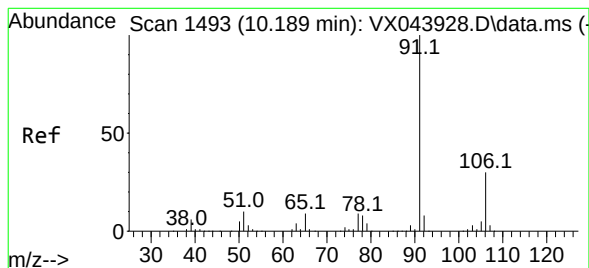
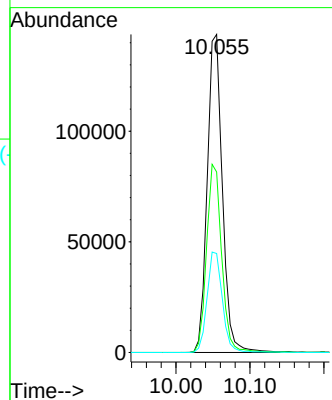
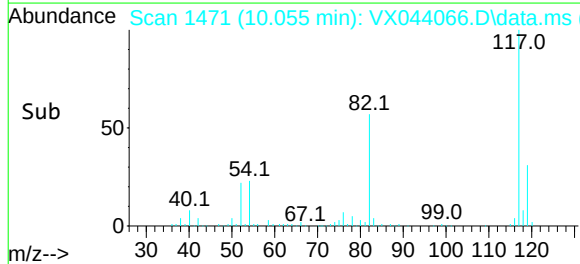
Tgt Ion:117 Resp: 204334

Ion Ratio Lower Upper

117 100

82 56.7 46.4 69.6

119 31.1 24.6 37.0



#67

Ethyl Benzene

Concen: 40.625 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044066.D

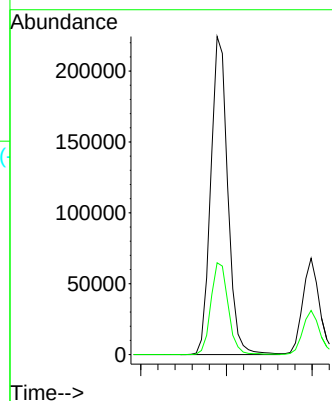
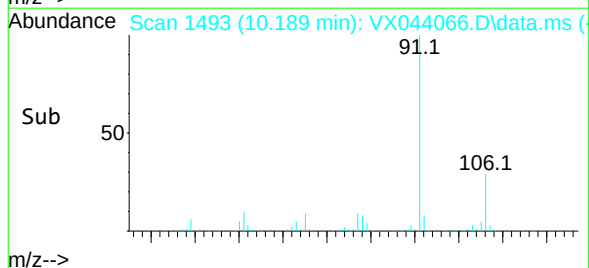
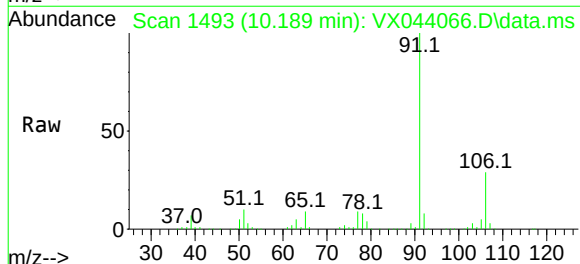
Acq: 02 Dec 2024 15:15

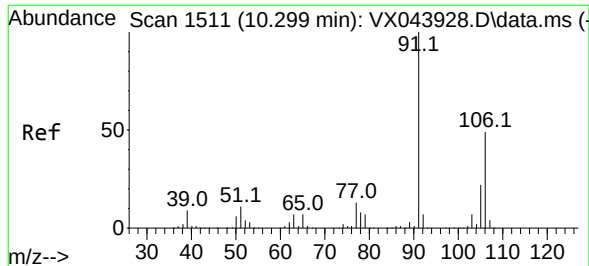
Tgt Ion: 91 Resp: 308936

Ion Ratio Lower Upper

91 100

106 28.9 23.6 35.4





#68

m/p-Xylenes

Concen: 15.451 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

Instrument :

MSVOA_X

ClientSampleId :

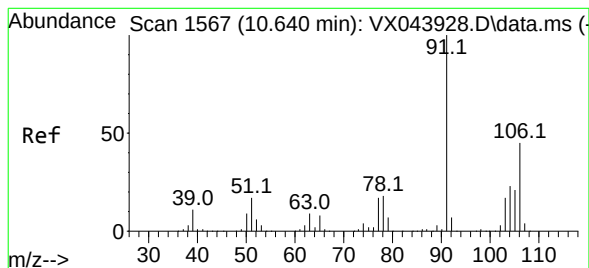
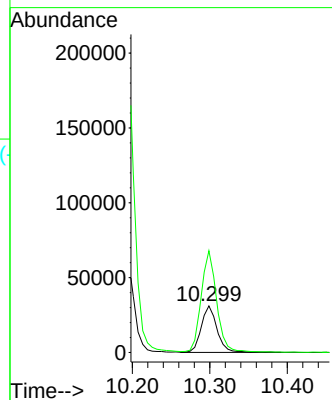
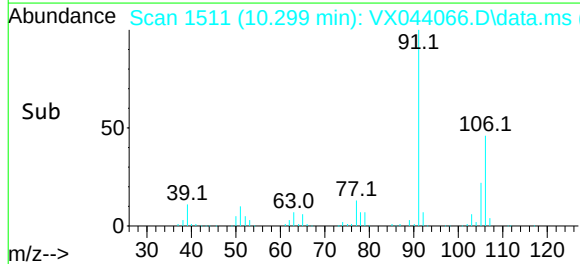
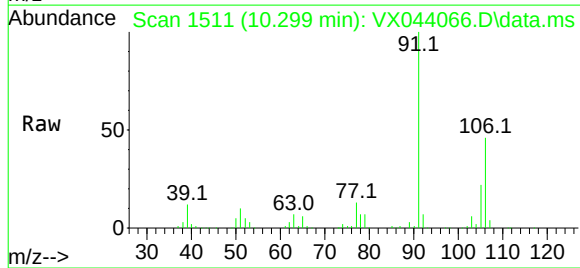
SPLP-C2-3DL

Tgt Ion:106 Resp: 43816

Ion Ratio Lower Upper

106 100

91 215.2 168.1 252.1



#69

o-Xylene

Concen: 12.620 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044066.D

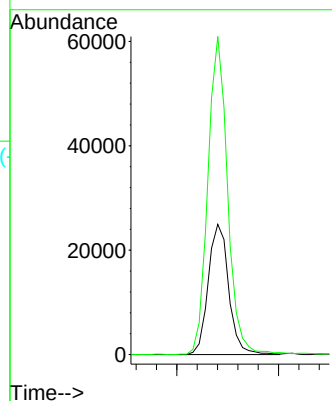
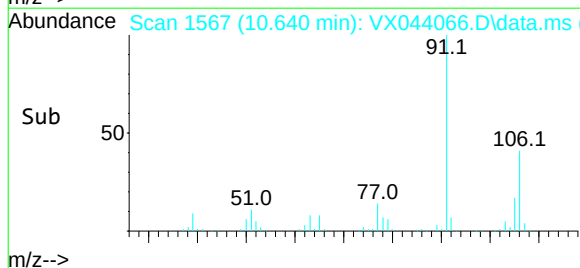
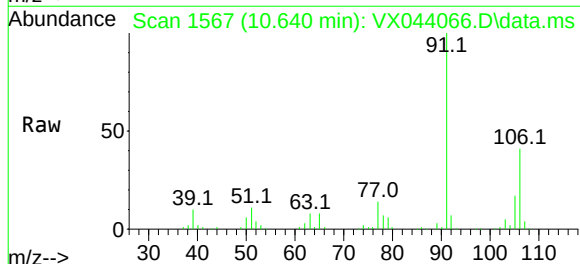
Acq: 02 Dec 2024 15:15

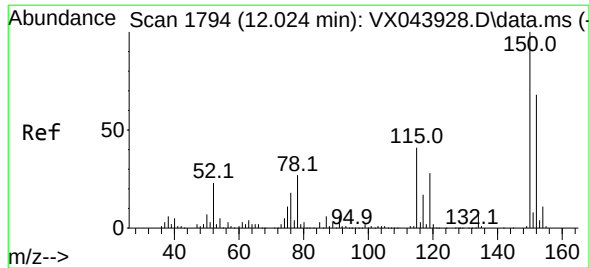
Tgt Ion:106 Resp: 34942

Ion Ratio Lower Upper

106 100

91 234.9 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044066.D

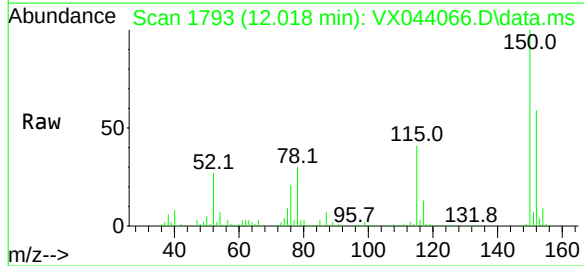
Acq: 02 Dec 2024 15:15

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-3DL



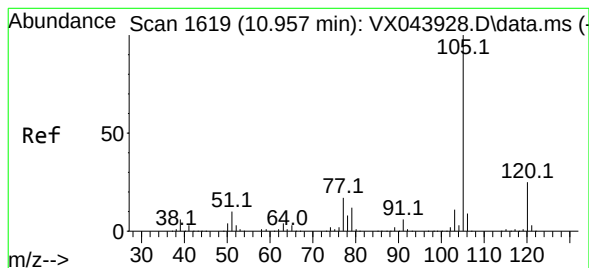
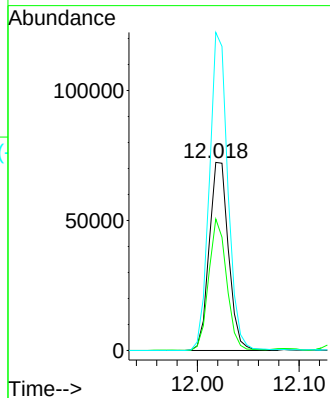
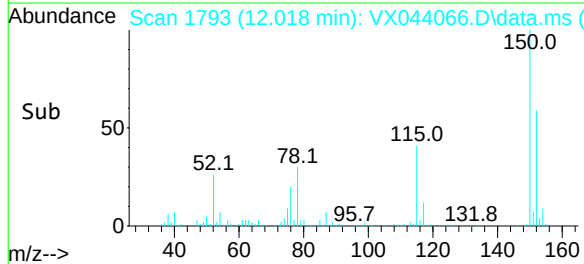
Tgt Ion:152 Resp: 95432

Ion Ratio Lower Upper

152 100

115 64.6 45.4 136.2

150 162.6 0.0 353.0



#73

Isopropylbenzene

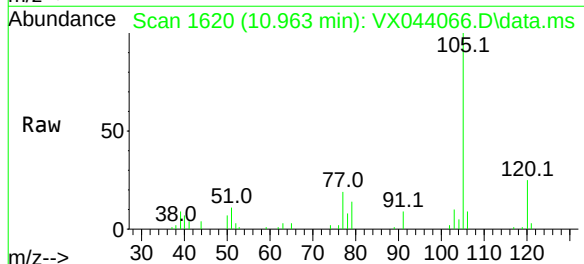
Concen: 1.626 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

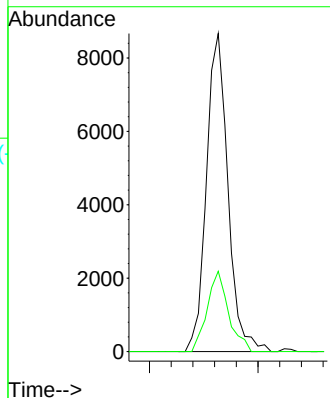
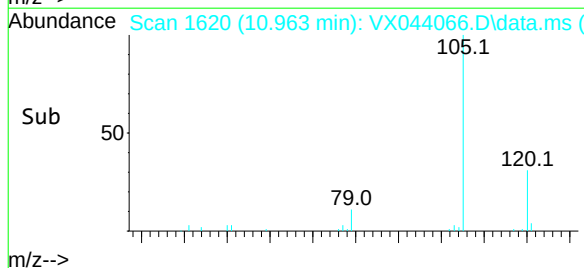


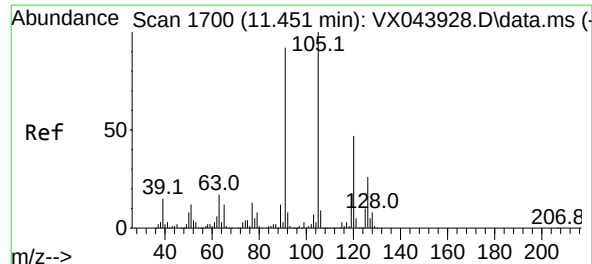
Tgt Ion:105 Resp: 11928

Ion Ratio Lower Upper

105 100

120 25.1 13.0 38.9





#80

1,3,5-Trimethylbenzene

Concen: 1.957 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

Instrument :

MSVOA_X

ClientSampleId :

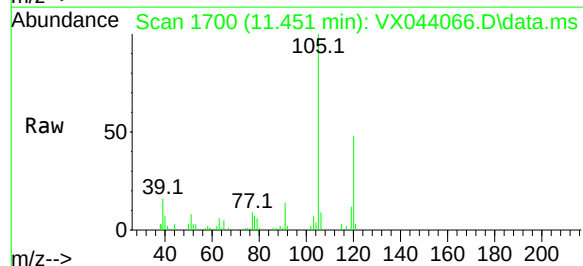
SPLP-C2-3DL

Tgt Ion:105 Resp: 11810

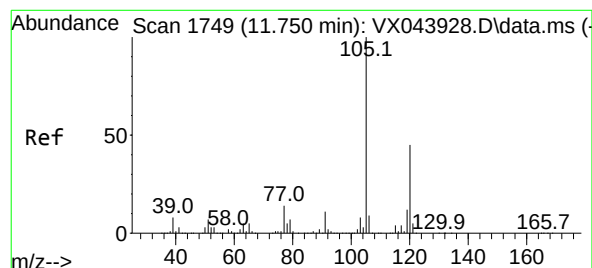
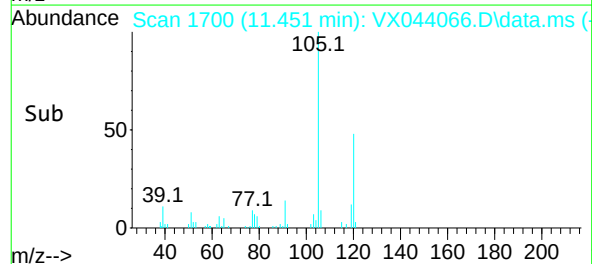
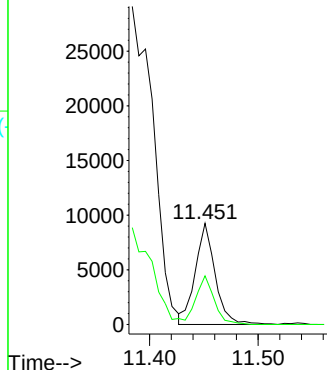
Ion Ratio Lower Upper

105 100

120 43.4 23.3 69.8



Abundance



#84

1,2,4-Trimethylbenzene

Concen: 6.623 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044066.D

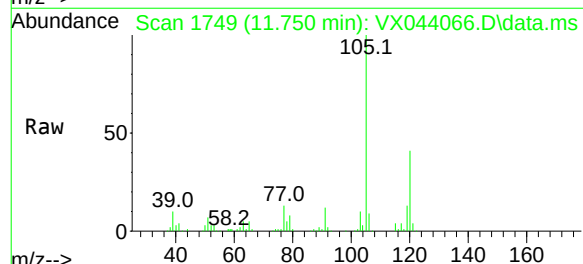
Acq: 02 Dec 2024 15:15

Tgt Ion:105 Resp: 39796

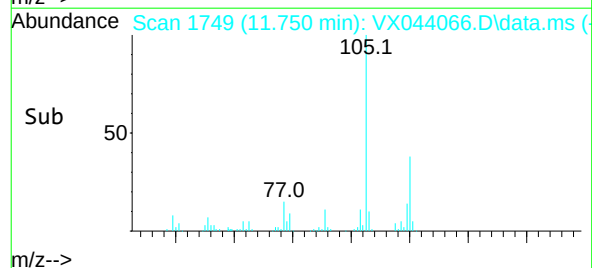
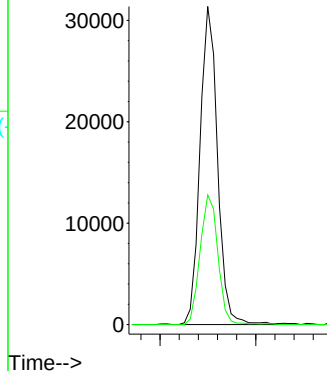
Ion Ratio Lower Upper

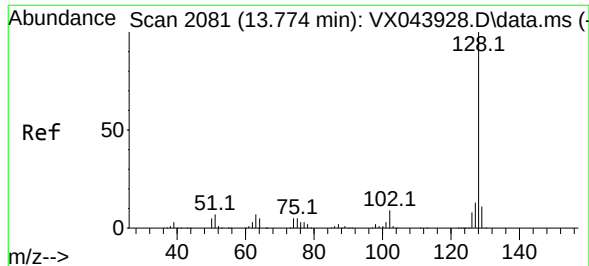
105 100

120 41.5 21.9 65.7



Abundance





#95

Naphthalene

Concen: 490.647 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044066.D

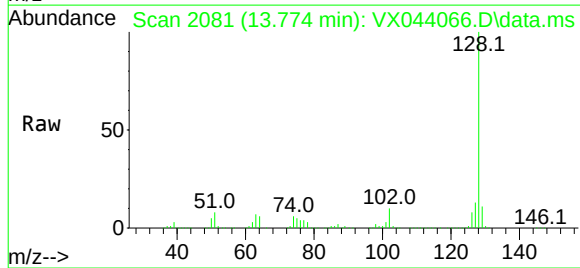
Acq: 02 Dec 2024 15:15

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-3DL



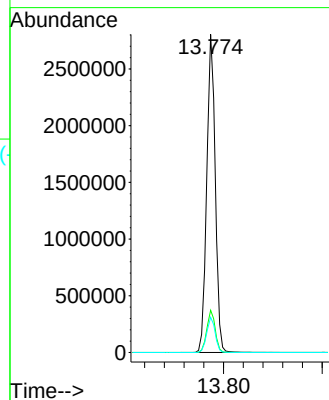
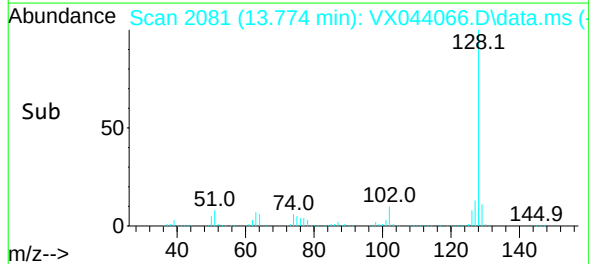
Tgt Ion:128 Resp: 3349221

Ion	Ratio	Lower	Upper

128	100		

127	13.2	10.2	15.2

129	11.0	8.6	12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-1	SDG No.:	P5001
Lab Sample ID:	P5001-08	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044037.D	1		11/27/24 13:54	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	17.4	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	7.50		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	2.70	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	2.10	J	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	8.70		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-1	SDG No.:	P5001
Lab Sample ID:	P5001-08	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044037.D	1		11/27/24 13:54	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	33.8		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	15.6		0.31	10.0	ug/L
95-47-6	o-Xylene	13.5		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	2.20	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.6		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	29.9	*	70 (75) - 130 (124)	60%	SPK: 50
2037-26-5	Toluene-d8	49.4		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	118000	5.544			
540-36-3	1,4-Difluorobenzene	227000	6.757			
3114-55-4	Chlorobenzene-d5	201000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	94800	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-1	SDG No.:	P5001
Lab Sample ID:	P5001-08	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044037.D	1		11/27/24 13:54	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044037.D
 Acq On : 27 Nov 2024 13:54
 Operator : JC/MD
 Sample : P5001-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C3-1

Quant Time: Nov 28 00:46:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

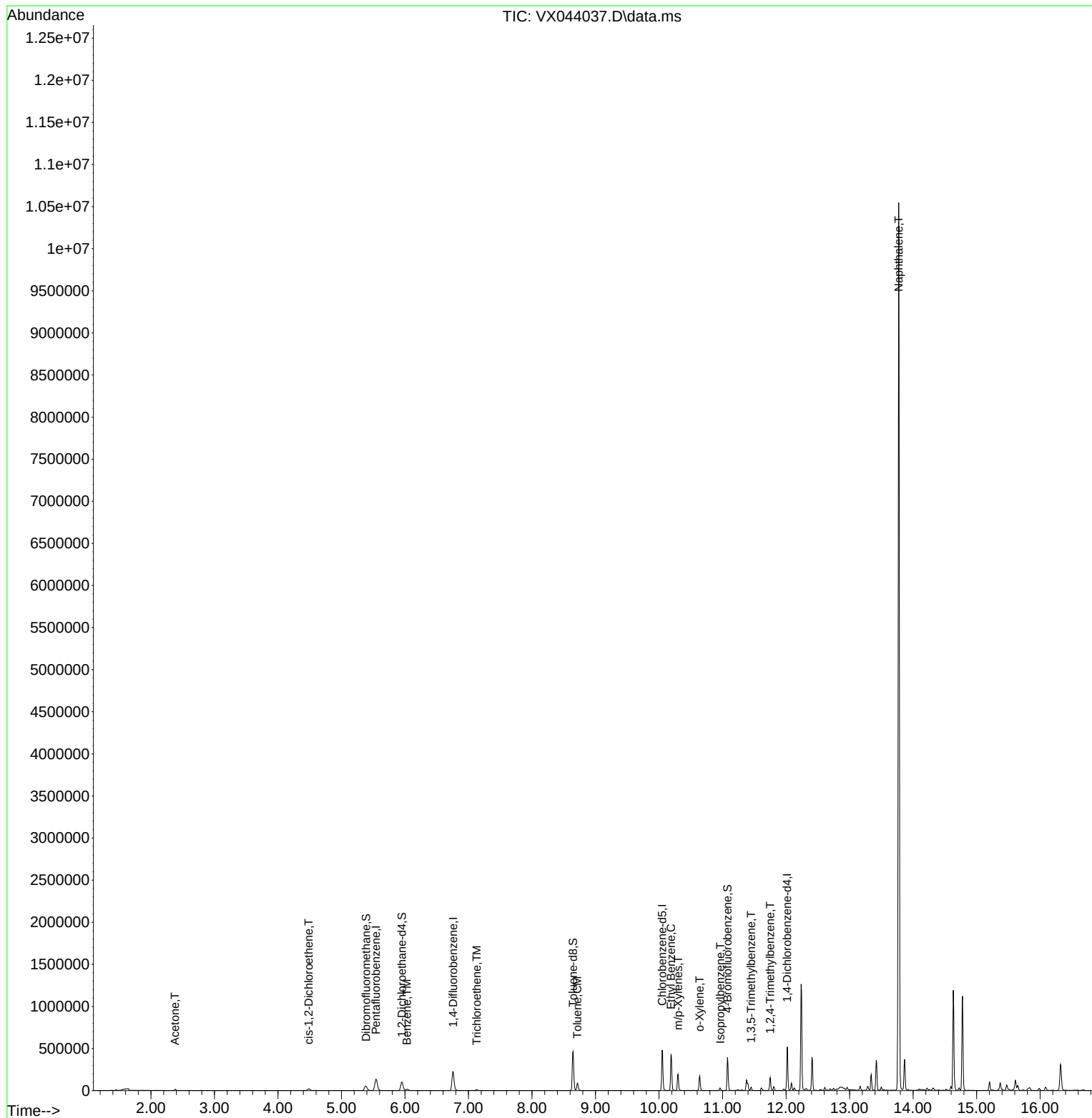
Internal Standards						
1) Pentafluorobenzene	5.544	168	117909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226519	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	201052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100307	49.599	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	99.200%	
35) Dibromofluoromethane	5.385	113	48337	29.864	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	59.720%#	
50) Toluene-d8	8.647	98	275771	49.426	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.860%	
62) 4-Bromofluorobenzene	11.079	95	100072	52.702	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	105.400%	
Target Compounds					Qvalue	
16) Acetone	2.380	43	16137	17.373	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	13063	7.534	ug/l	88
40) Benzene	6.031	78	17146	2.729	ug/l	98
44) Trichloroethene	7.129	130	3809	2.142	ug/l	73
52) Toluene	8.714	92	32752	8.710	ug/l	99
67) Ethyl Benzene	10.189	91	252563	33.754	ug/l	100
68) m/p-Xylenes	10.299	106	43510	15.593	ug/l	99
69) o-Xylene	10.640	106	36898	13.544	ug/l	96
73) Isopropylbenzene	10.963	105	16225	2.227	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	16817	2.805	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	62598	10.488	ug/l	100
95) Naphthalene	13.774	128	6055671	893.055	ug/l	98

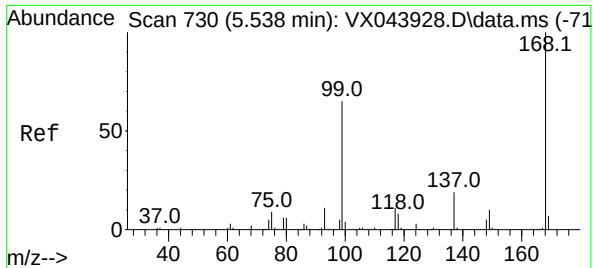
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044037.D
Acq On : 27 Nov 2024 13:54
Operator : JC/MD
Sample : P5001-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-1

Quant Time: Nov 28 00:46:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

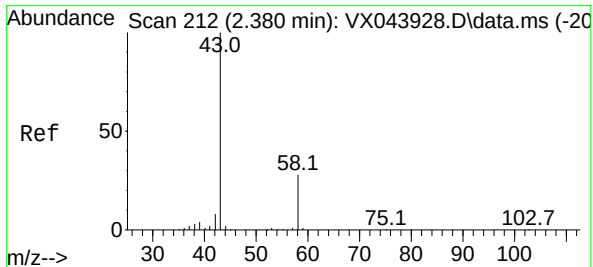
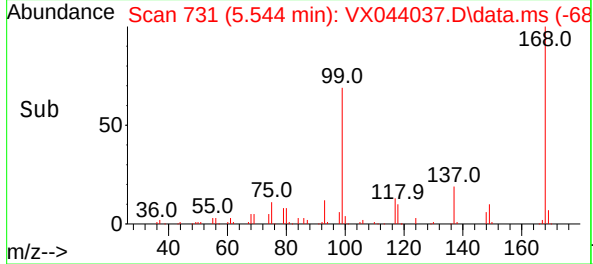
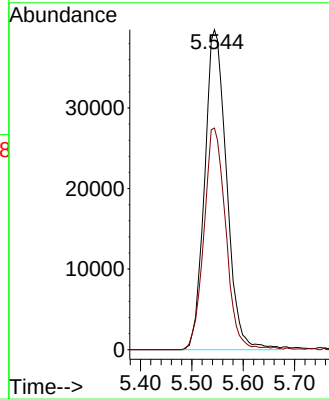
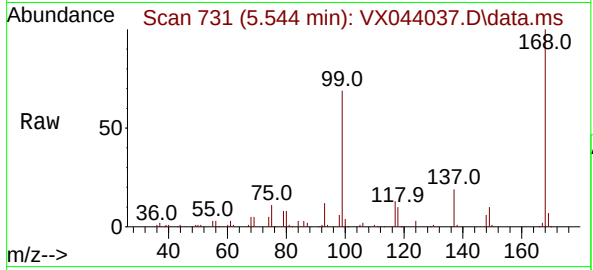




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044037.D
Acq: 27 Nov 2024 13:54

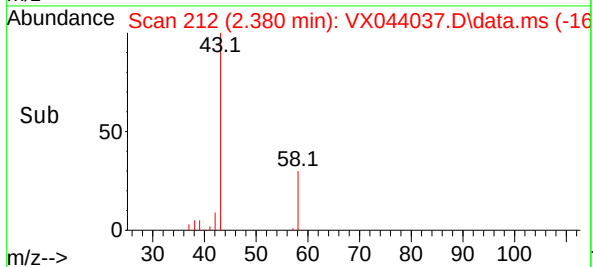
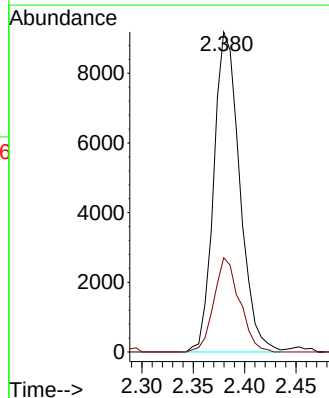
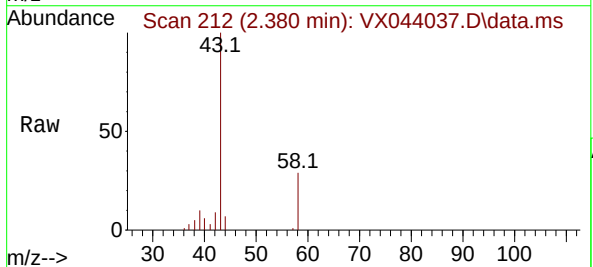
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-1

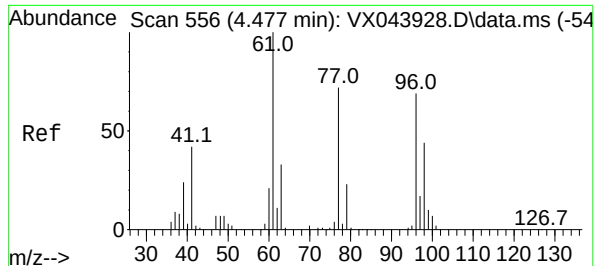
Tgt Ion:168 Resp: 117909
Ion Ratio Lower Upper
168 100
99 69.2 51.8 77.8



#16
Acetone
Concen: 17.373 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044037.D
Acq: 27 Nov 2024 13:54

Tgt Ion: 43 Resp: 16137
Ion Ratio Lower Upper
43 100
58 29.4 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 7.534 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044037.D

Acq: 27 Nov 2024 13:54

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-1

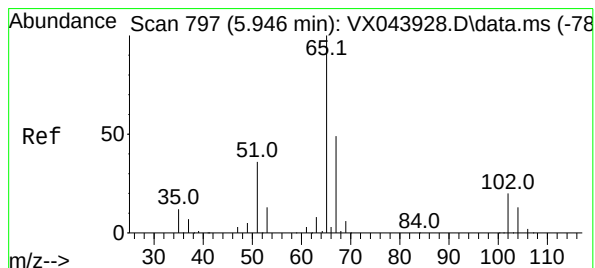
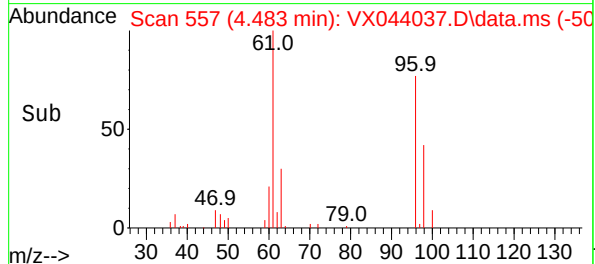
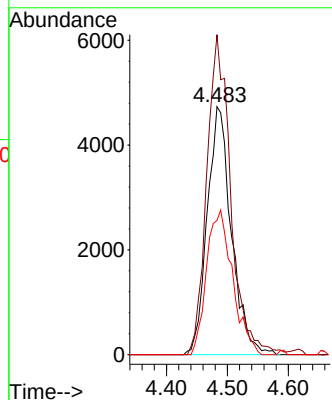
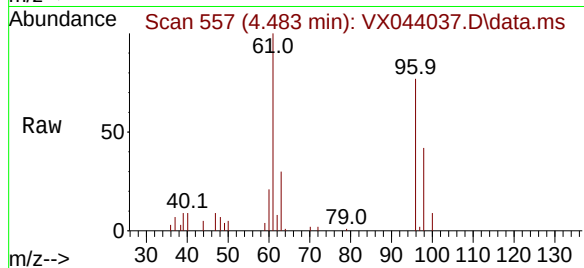
Tgt Ion: 96 Resp: 13063

Ion Ratio Lower Upper

96 100

61 127.6 0.0 297.4

98 62.7 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 49.599 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044037.D

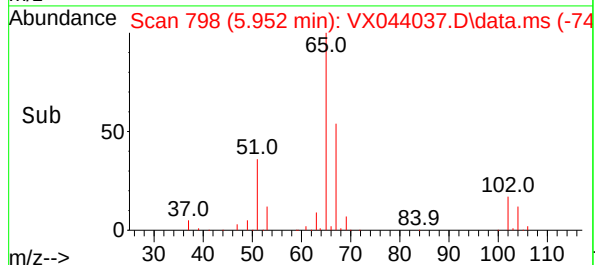
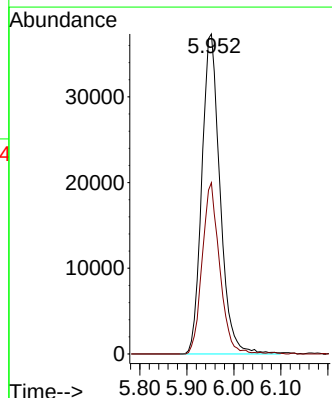
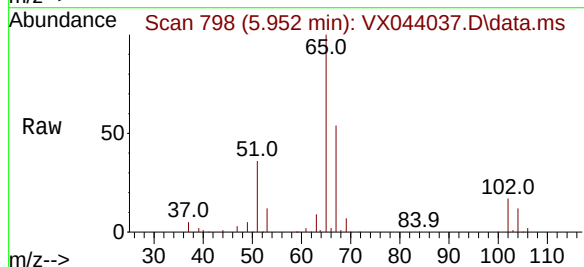
Acq: 27 Nov 2024 13:54

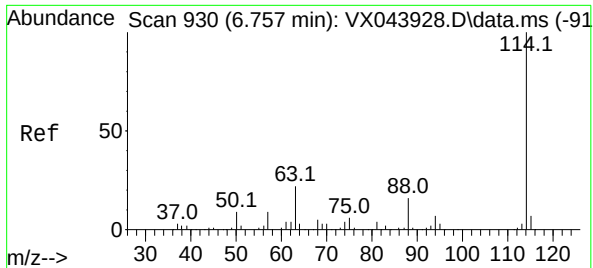
Tgt Ion: 65 Resp: 100307

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX044037.D

Acq: 27 Nov 2024 13:54

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-1

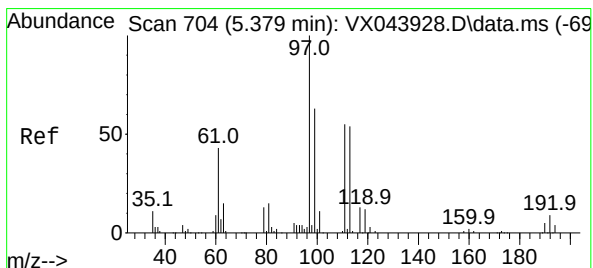
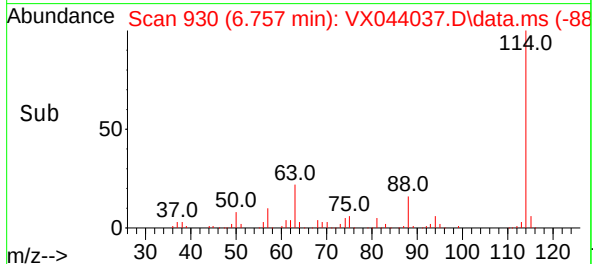
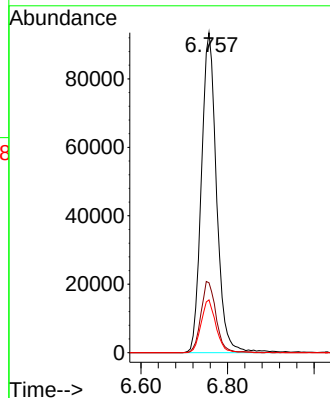
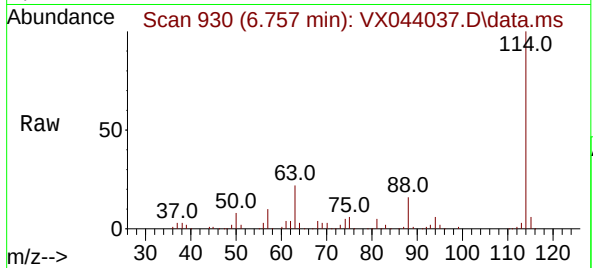
Tgt Ion:114 Resp: 226519

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.0

88 16.5 0.0 32.4



#35

Dibromofluoromethane

Concen: 29.864 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX044037.D

Acq: 27 Nov 2024 13:54

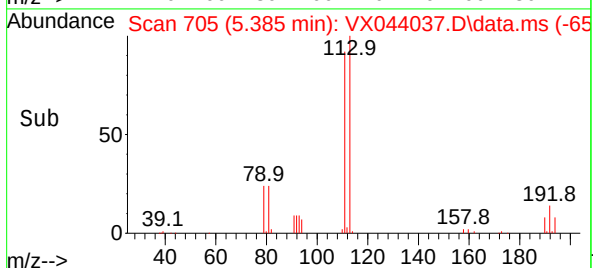
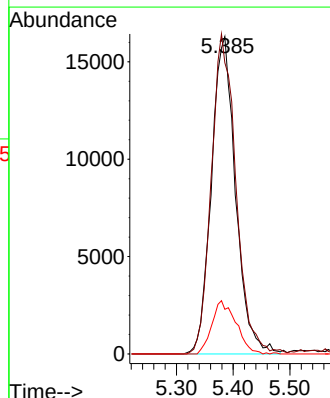
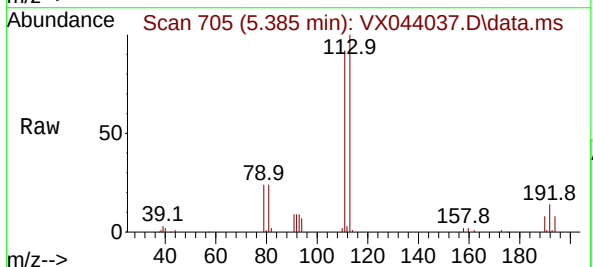
Tgt Ion:113 Resp: 48337

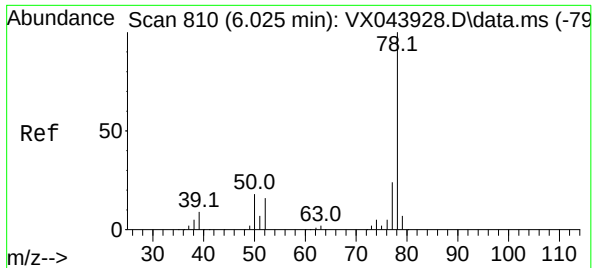
Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.4

192 16.7 13.0 19.6

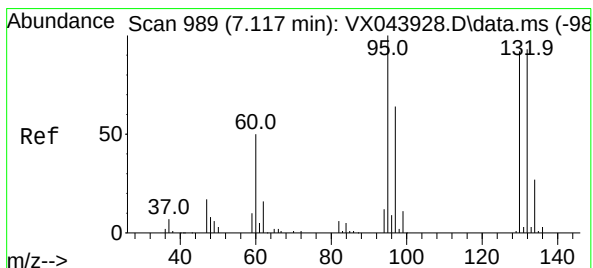
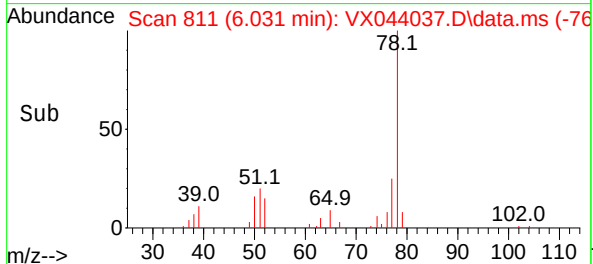
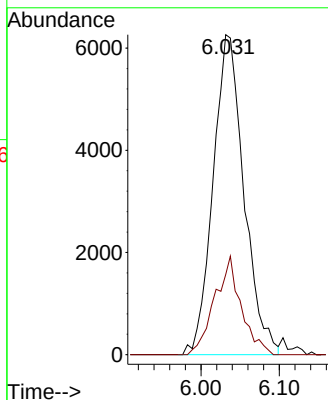
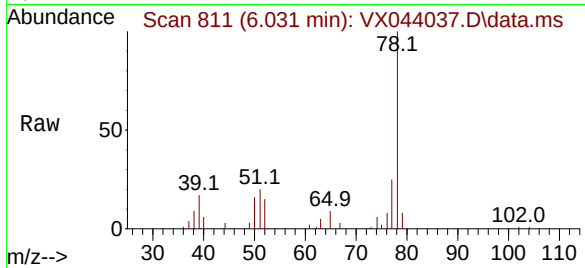




#40
Benzene
Concen: 2.729 ug/l
RT: 6.031 min Scan# 810
Delta R.T. 0.006 min
Lab File: VX044037.D
Acq: 27 Nov 2024 13:54

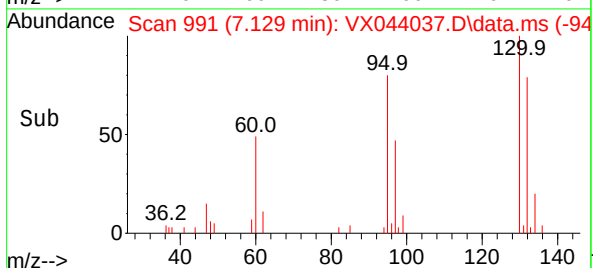
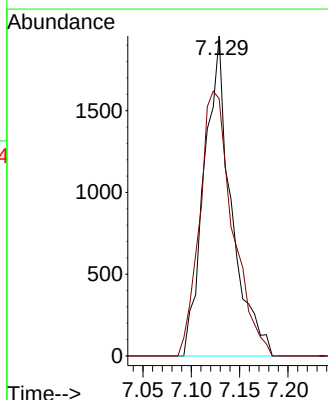
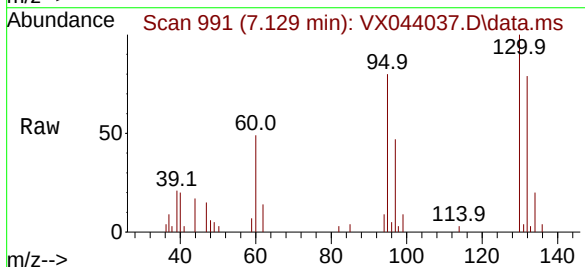
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-1

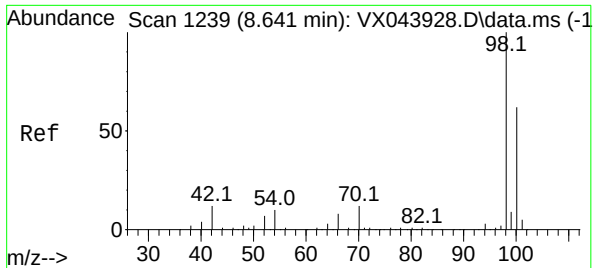
Tgt Ion: 78 Resp: 17146
Ion Ratio Lower Upper
78 100
77 25.1 19.2 28.8



#44
Trichloroethene
Concen: 2.142 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX044037.D
Acq: 27 Nov 2024 13:54

Tgt Ion:130 Resp: 3809
Ion Ratio Lower Upper
130 100
95 80.4 0.0 217.8





#50

Toluene-d8

Concen: 49.426 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044037.D

Acq: 27 Nov 2024 13:54

Instrument :

MSVOA_X

ClientSampleId :

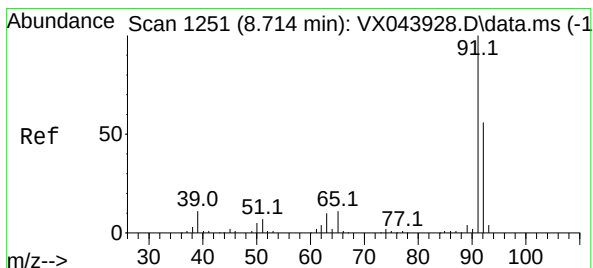
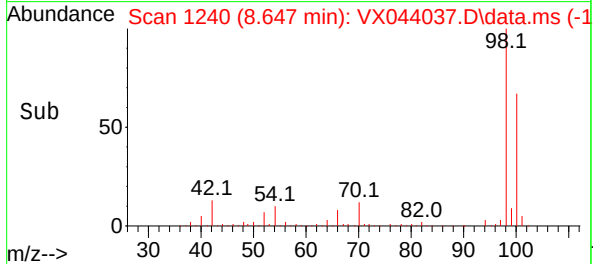
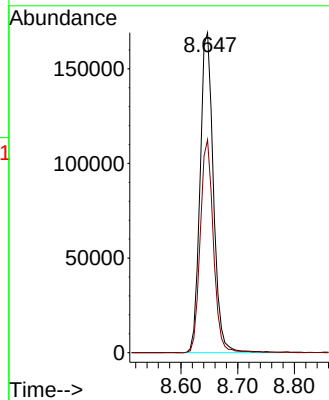
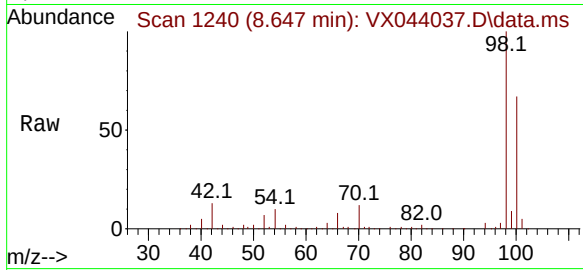
SPLP-C3-1

Tgt Ion: 98 Resp: 275771

Ion Ratio Lower Upper

98 100

100 65.5 52.6 79.0



#52

Toluene

Concen: 8.710 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044037.D

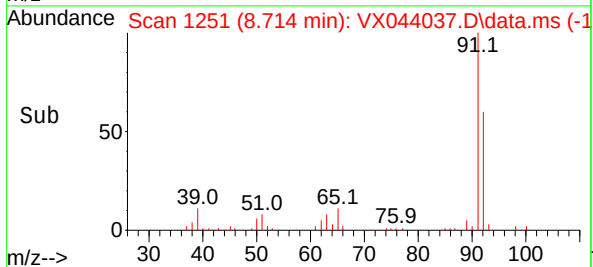
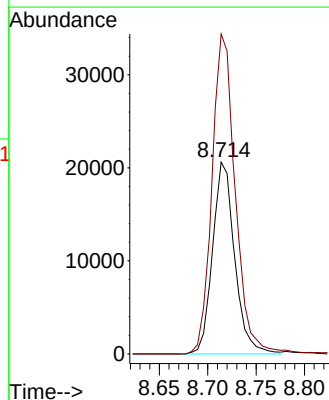
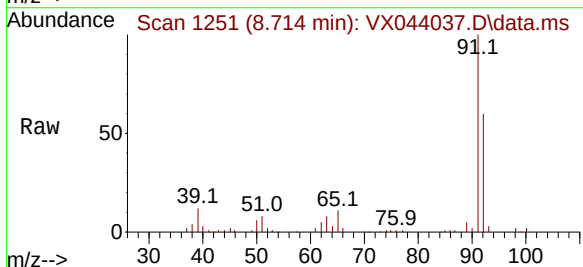
Acq: 27 Nov 2024 13:54

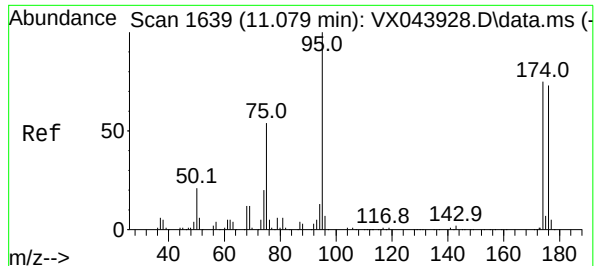
Tgt Ion: 92 Resp: 32752

Ion Ratio Lower Upper

92 100

91 176.4 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 52.702 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044037.D

Acq: 27 Nov 2024 13:54

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-1

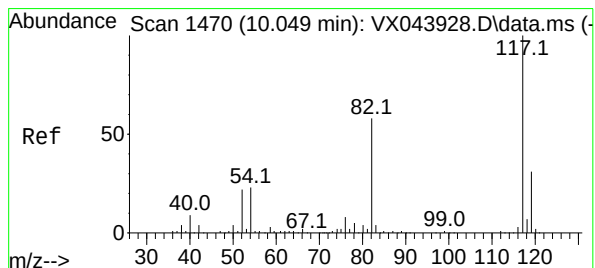
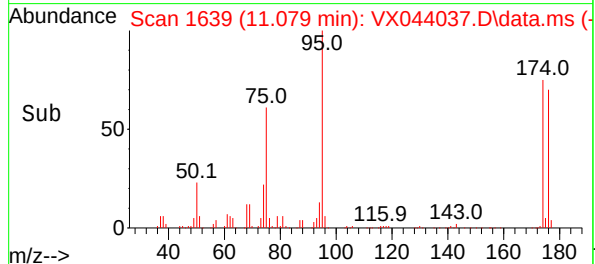
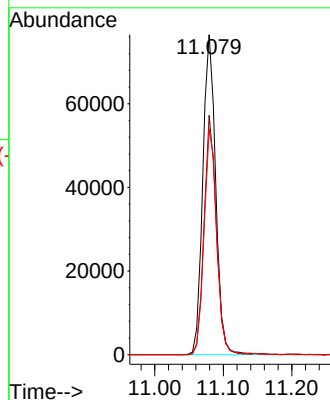
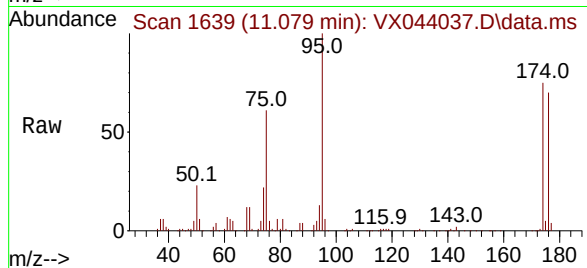
Tgt Ion: 95 Resp: 100072

Ion Ratio Lower Upper

95 100

174 71.4 0.0 150.4

176 69.2 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044037.D

Acq: 27 Nov 2024 13:54

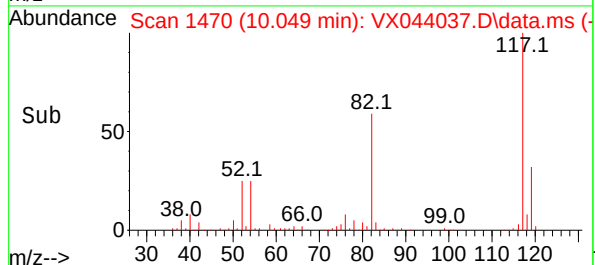
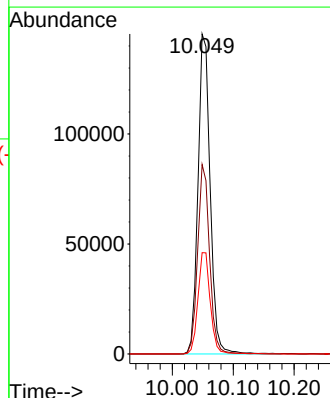
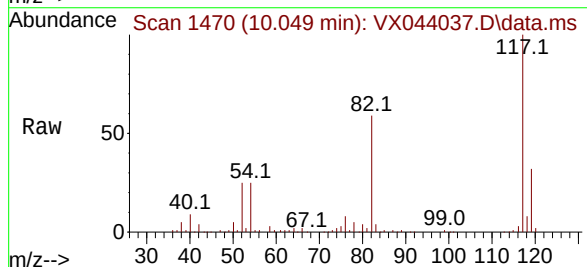
Tgt Ion: 117 Resp: 201052

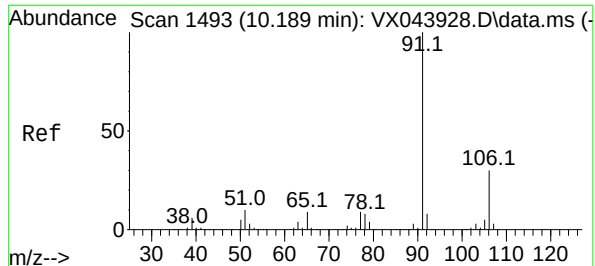
Ion Ratio Lower Upper

117 100

82 59.2 46.4 69.6

119 31.7 24.6 37.0





#67

Ethyl Benzene

Concen: 33.754 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044037.D

Acq: 27 Nov 2024 13:54

Instrument :

MSVOA_X

ClientSampleId :

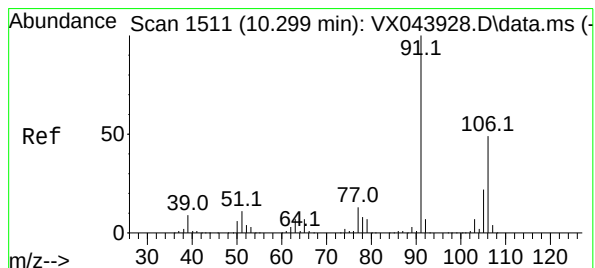
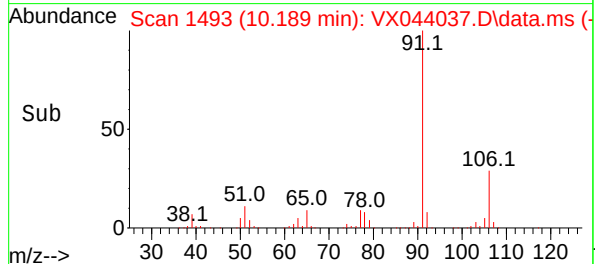
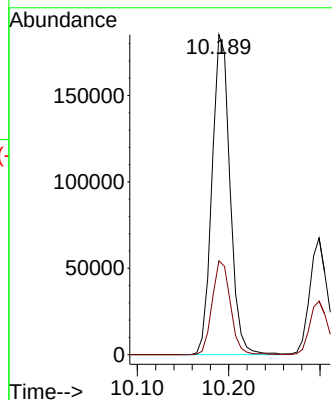
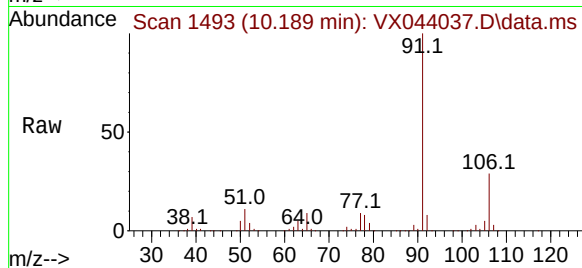
SPLP-C3-1

Tgt Ion: 91 Resp: 252563

Ion Ratio Lower Upper

91 100

106 29.4 23.6 35.4



#68

m/p-Xylenes

Concen: 15.593 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044037.D

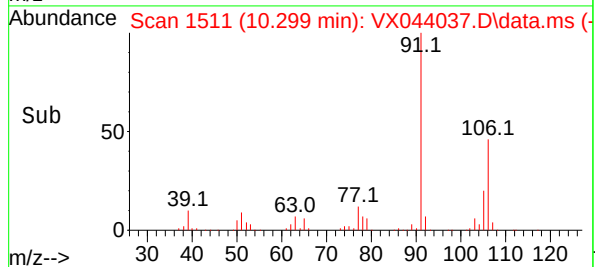
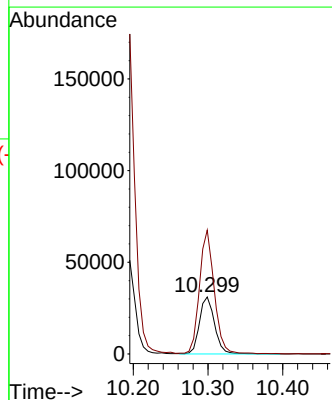
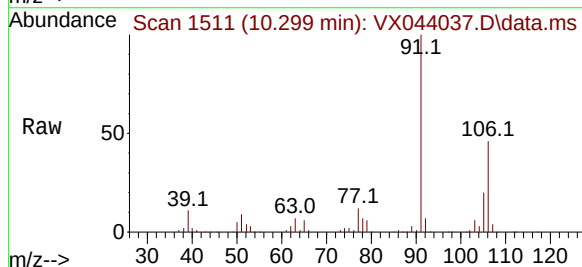
Acq: 27 Nov 2024 13:54

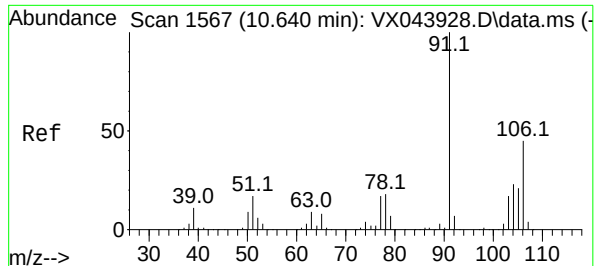
Tgt Ion:106 Resp: 43510

Ion Ratio Lower Upper

106 100

91 211.1 168.1 252.1





#69

o-Xylene

Concen: 13.544 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044037.D

Acq: 27 Nov 2024 13:54

Instrument :

MSVOA_X

ClientSampleId :

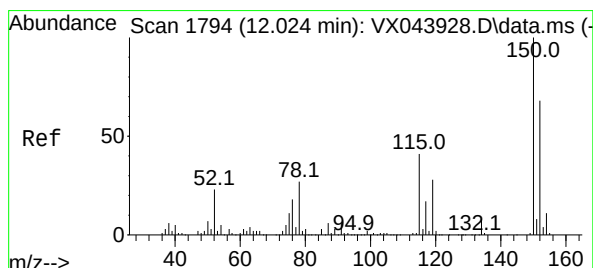
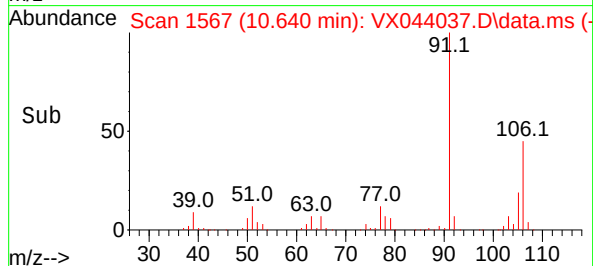
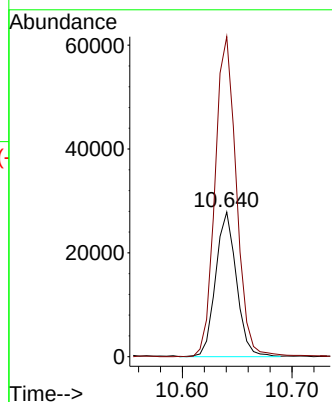
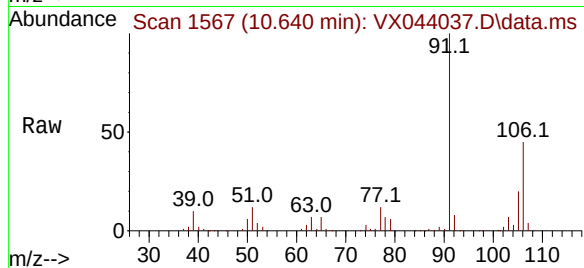
SPLP-C3-1

Tgt Ion:106 Resp: 36898

Ion Ratio Lower Upper

106 100

91 227.4 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044037.D

Acq: 27 Nov 2024 13:54

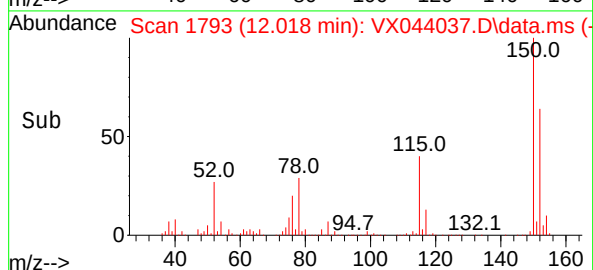
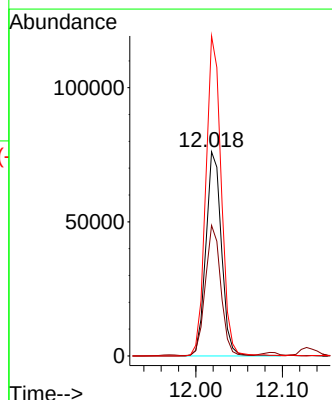
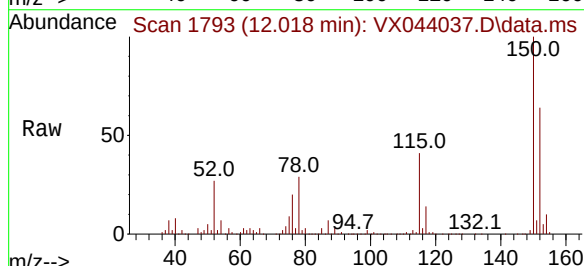
Tgt Ion:152 Resp: 94799

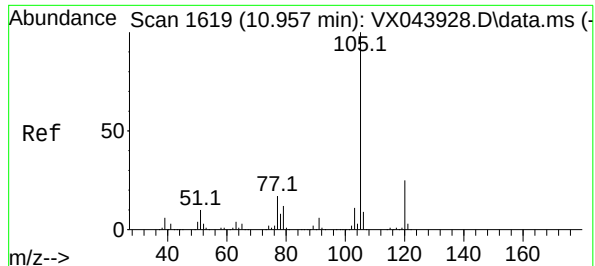
Ion Ratio Lower Upper

152 100

115 63.0 45.4 136.2

150 155.5 0.0 353.0





#73

Isopropylbenzene

Concen: 2.227 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044037.D

Acq: 27 Nov 2024 13:54

Instrument :

MSVOA_X

ClientSampleId :

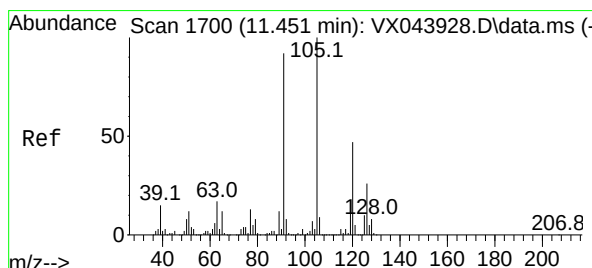
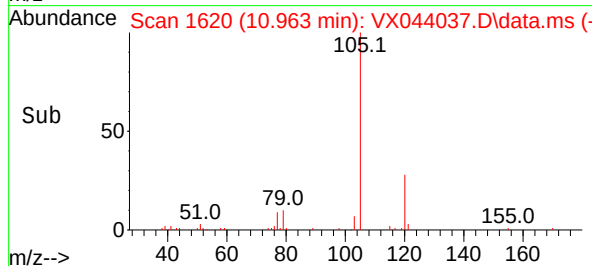
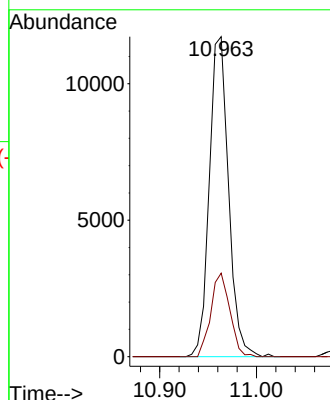
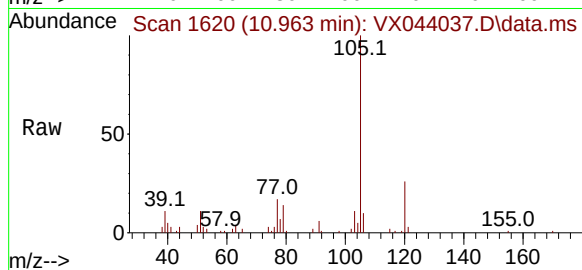
SPLP-C3-1

Tgt Ion:105 Resp: 16225

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 2.805 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044037.D

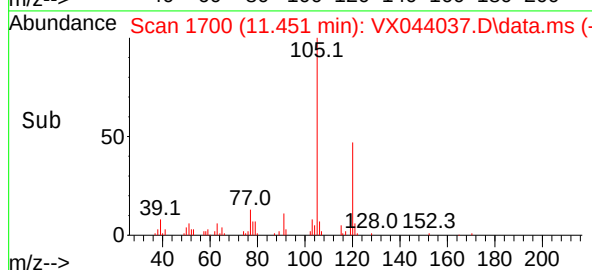
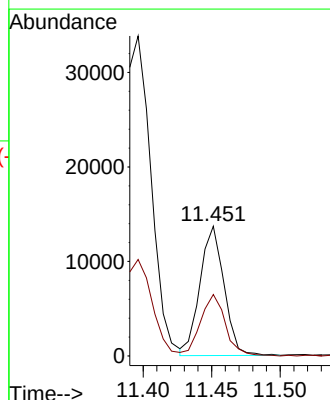
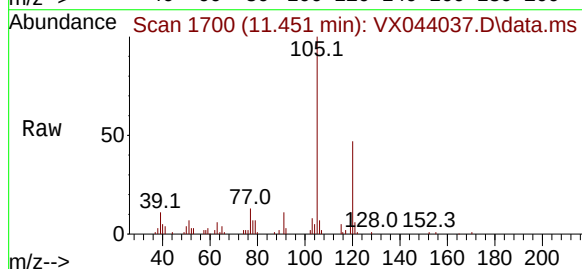
Acq: 27 Nov 2024 13:54

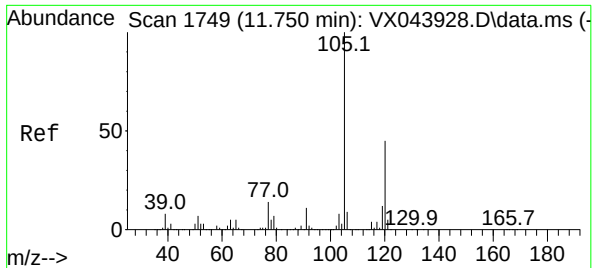
Tgt Ion:105 Resp: 16817

Ion Ratio Lower Upper

105 100

120 48.8 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 10.488 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044037.D

Acq: 27 Nov 2024 13:54

Instrument :

MSVOA_X

ClientSampleId :

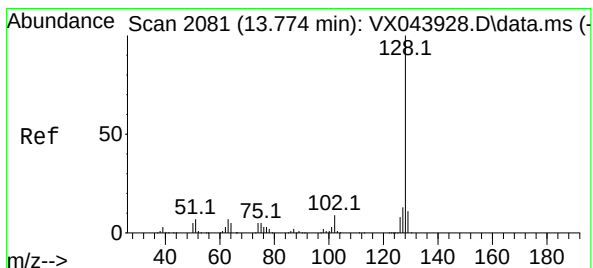
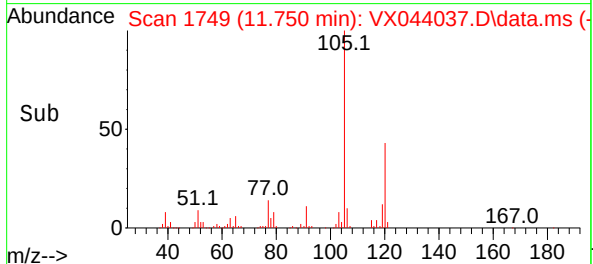
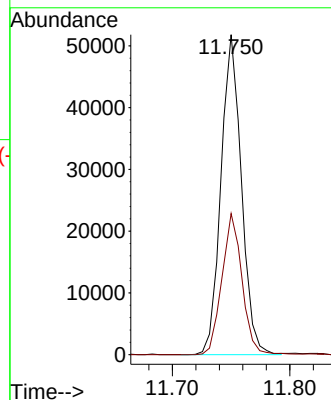
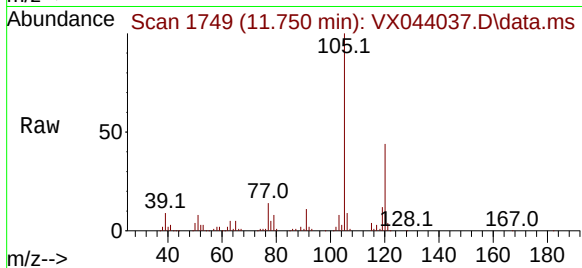
SPLP-C3-1

Tgt Ion:105 Resp: 62598

Ion Ratio Lower Upper

105 100

120 43.8 21.9 65.7



#95

Naphthalene

Concen: 893.055 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044037.D

Acq: 27 Nov 2024 13:54

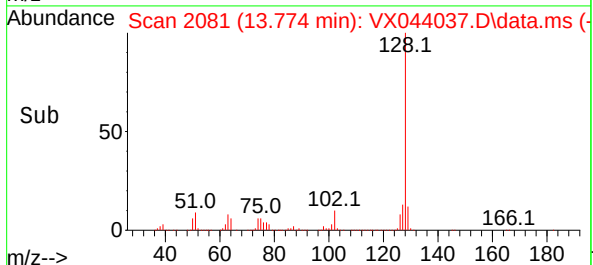
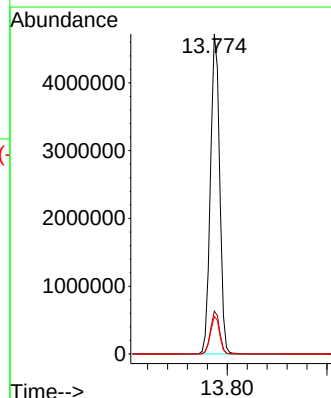
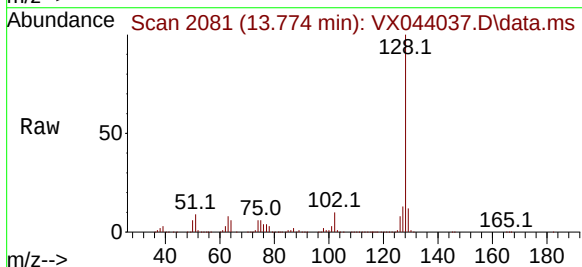
Tgt Ion:128 Resp: 6055671

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.5 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-1RE	SDG No.:	P5001
Lab Sample ID:	P5001-08RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044073.D	1		12/02/24 17:55	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	19.0	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	7.20		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	2.70	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	2.00	J	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	8.50		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-1RE	SDG No.:	P5001
Lab Sample ID:	P5001-08RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044073.D	1		12/02/24 17:55	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	33.1		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	15.1		0.31	10.0	ug/L
95-47-6	o-Xylene	13.3		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	2.20	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	30.4	*	70 (75) - 130 (124)	61%	SPK: 50
2037-26-5	Toluene-d8	50.1		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	114000	5.55			
540-36-3	1,4-Difluorobenzene	222000	6.757			
3114-55-4	Chlorobenzene-d5	199000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	93000	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-1RE	SDG No.:	P5001
Lab Sample ID:	P5001-08RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044073.D	1		12/02/24 17:55	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044073.D
 Acq On : 02 Dec 2024 17:55
 Operator : JC/MD
 Sample : P5001-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C3-1RE

Quant Time: Dec 03 00:26:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

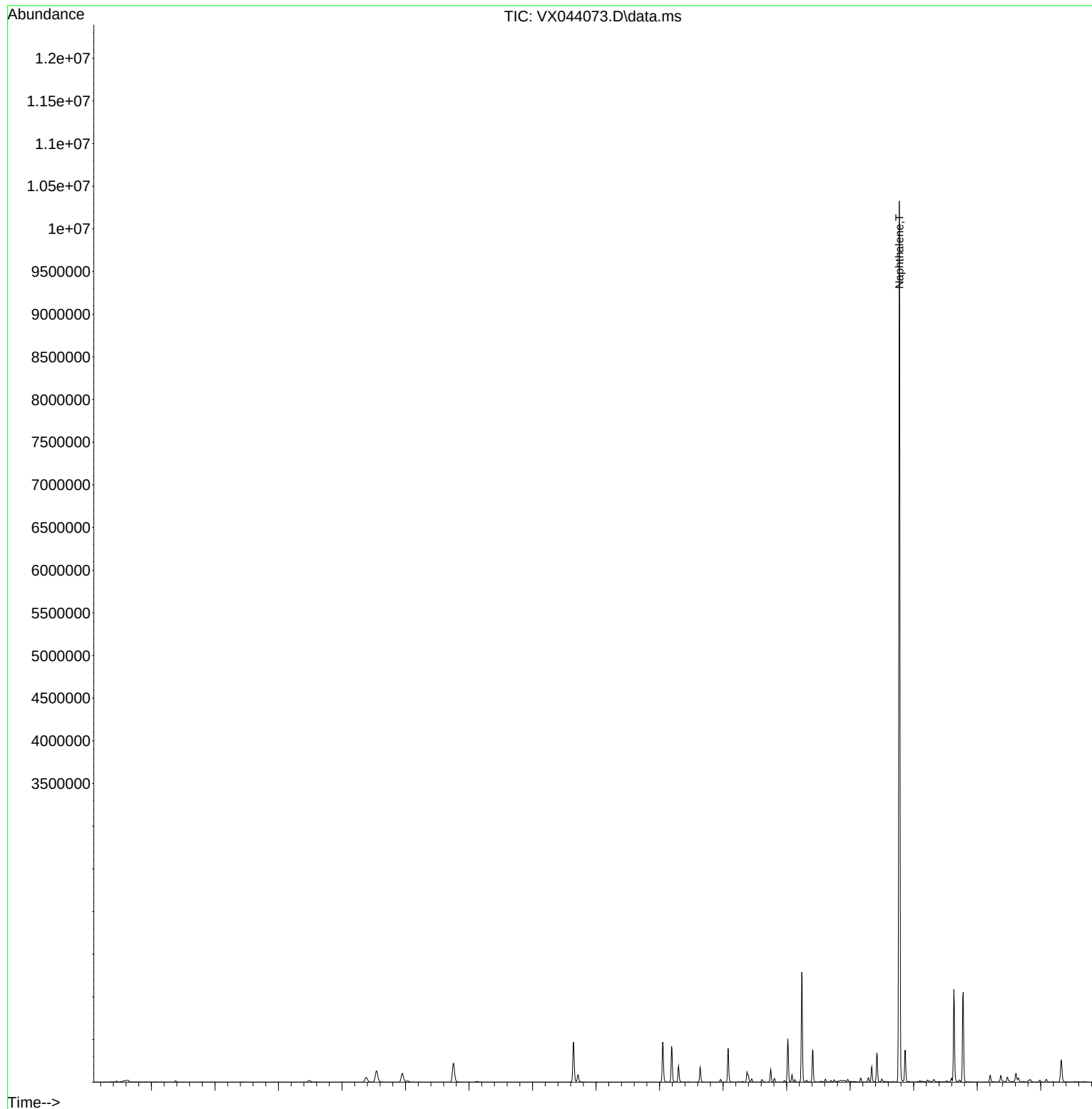
Internal Standards						
1) Pentafluorobenzene	5.550	168	113564	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	222024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99600	51.134	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.260%		
35) Dibromofluoromethane	5.379	113	48239	30.406	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 60.820%#		
50) Toluene-d8	8.647	98	273748	50.057	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.120%		
62) 4-Bromofluorobenzene	11.079	95	98038	52.676	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 105.360%		
Target Compounds						Qvalue
16) Acetone	2.380	43	17025	19.031	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	11953	7.157	ug/l	91
40) Benzene	6.038	78	16776	2.724	ug/l	92
44) Trichloroethene	7.123	130	3536	2.028	ug/l	94
52) Toluene	8.714	92	31239	8.476	ug/l	96
67) Ethyl Benzene	10.189	91	245622	33.146	ug/l	97
68) m/p-Xylenes	10.299	106	41834	15.138	ug/l	99
69) o-Xylene	10.640	106	35799	13.268	ug/l	97
73) Isopropylbenzene	10.964	105	15964	2.234	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	16130	2.744	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	62289	10.643	ug/l	96
95) Naphthalene	13.774	128	5811084	873.995	ug/l	98

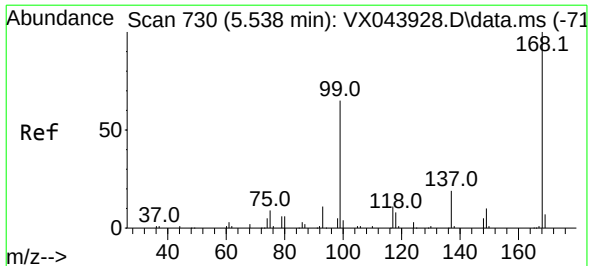
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044073.D
Acq On : 02 Dec 2024 17:55
Operator : JC/MD
Sample : P5001-08RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-1RE

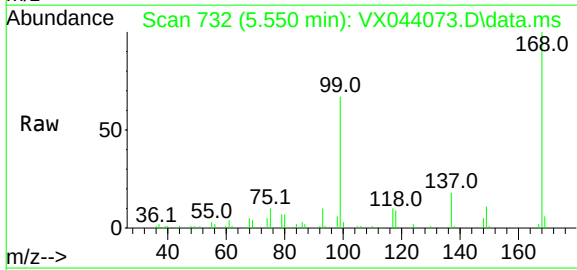
Quant Time: Dec 03 00:26:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



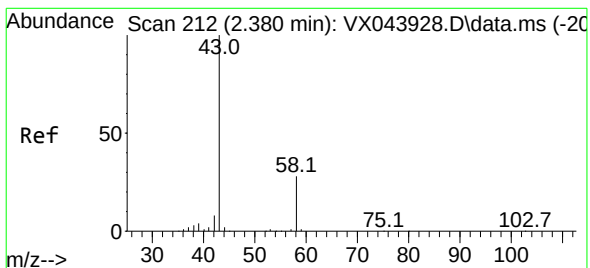
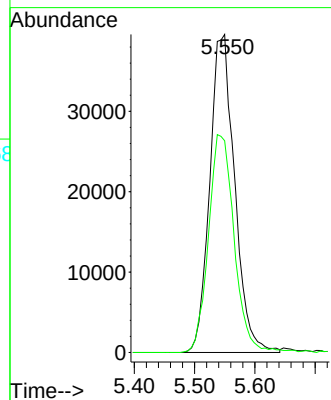
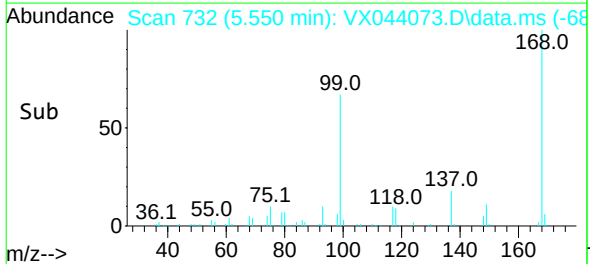


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044073.D
Acq: 02 Dec 2024 17:55

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-1RE

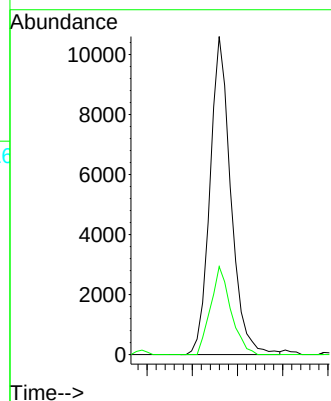
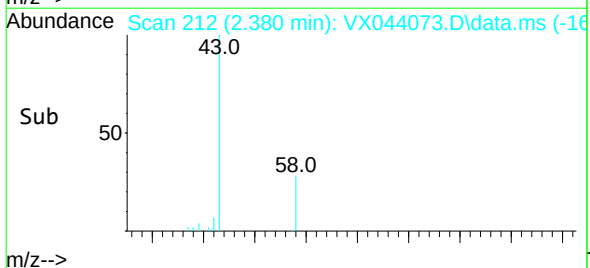
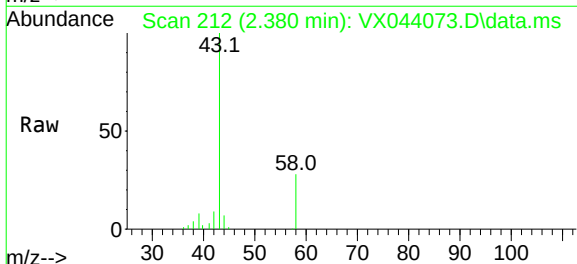


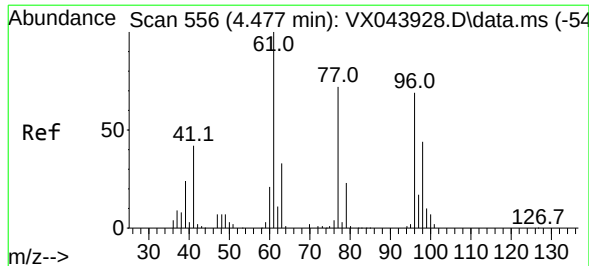
Tgt Ion: 168 Resp: 113564
Ion Ratio Lower Upper
168 100
99 66.6 51.8 77.8



#16
Acetone
Concen: 19.031 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044073.D
Acq: 02 Dec 2024 17:55

Tgt Ion: 43 Resp: 17025
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 7.157 ug/l

RT: 4.483 min Scan# 55

Delta R.T. 0.006 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-1RE

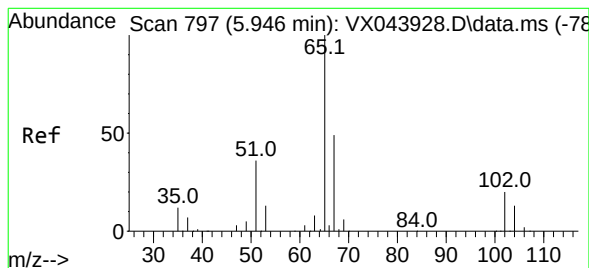
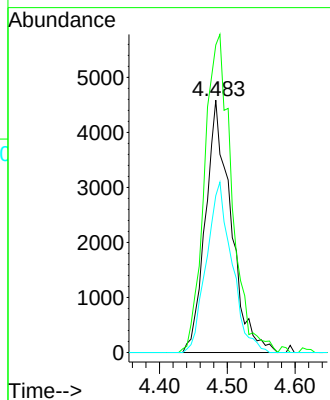
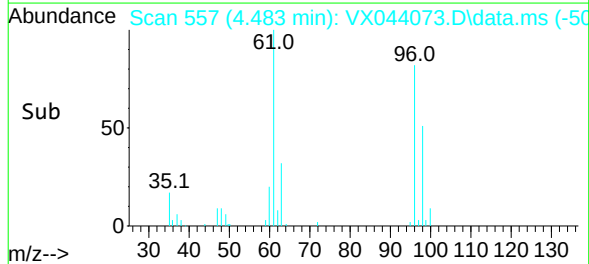
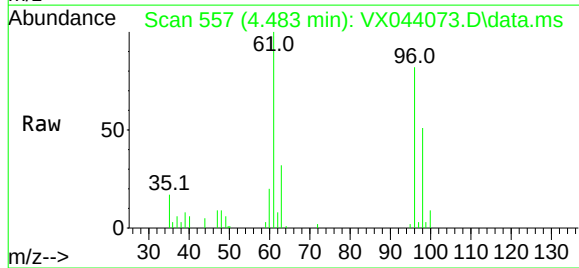
Tgt Ion: 96 Resp: 11953

Ion Ratio Lower Upper

96 100

61 135.6 0.0 297.4

98 67.5 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 51.134 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044073.D

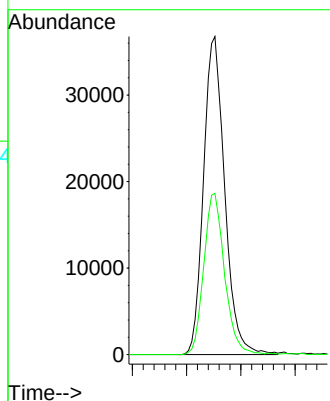
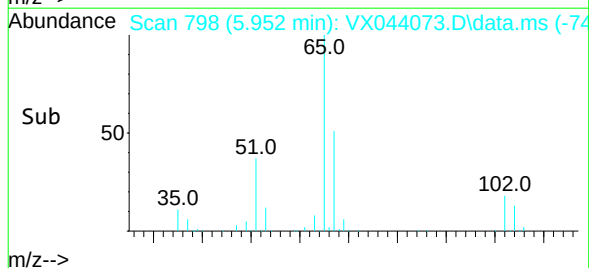
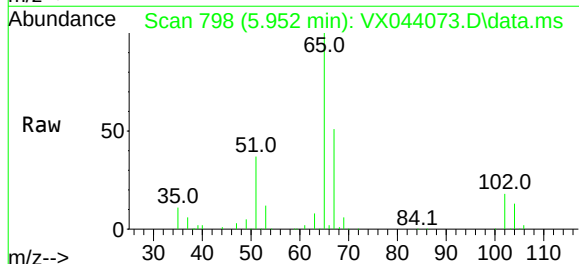
Acq: 02 Dec 2024 17:55

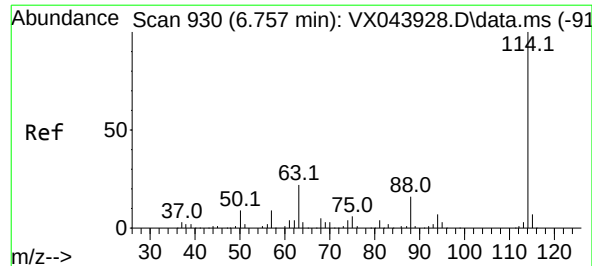
Tgt Ion: 65 Resp: 99600

Ion Ratio Lower Upper

65 100

67 49.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-1RE

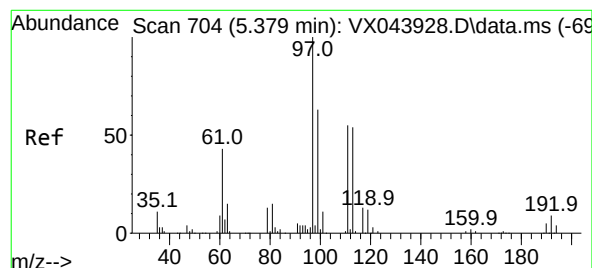
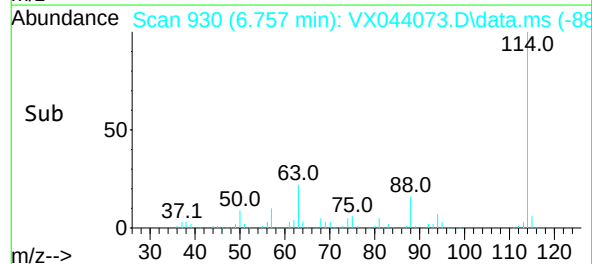
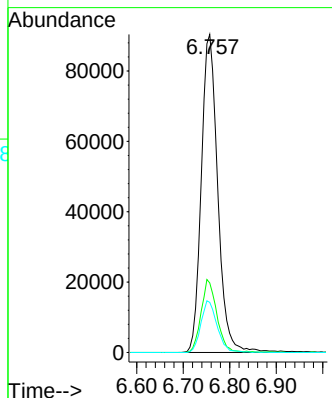
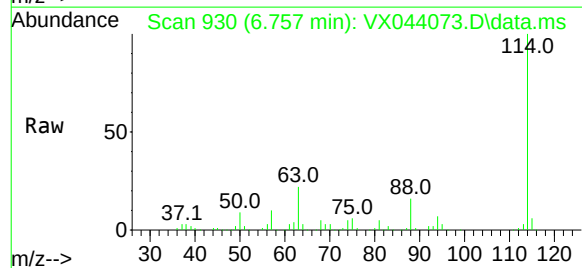
Tgt Ion:114 Resp: 222024

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 15.8 0.0 32.4



#35

Dibromofluoromethane

Concen: 30.406 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

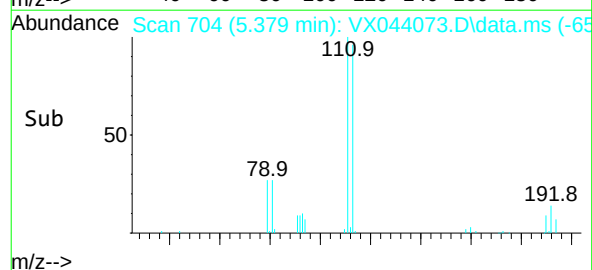
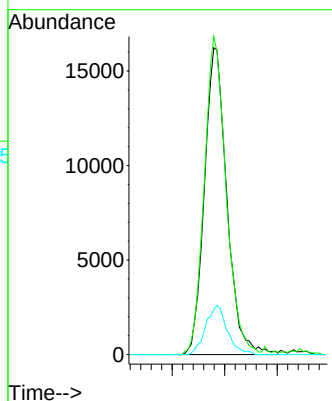
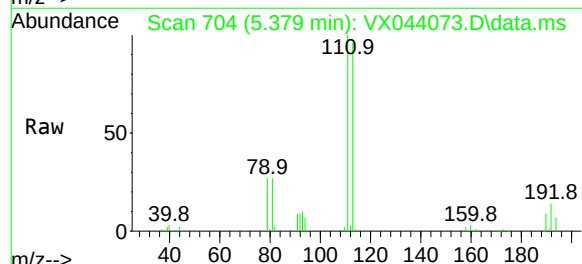
Tgt Ion:113 Resp: 48239

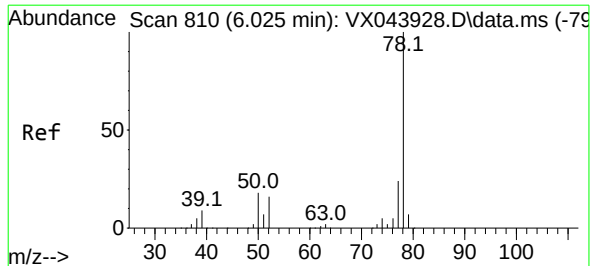
Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.4

192 15.4 13.0 19.6





#40

Benzene

Concen: 2.724 ug/l

RT: 6.038 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

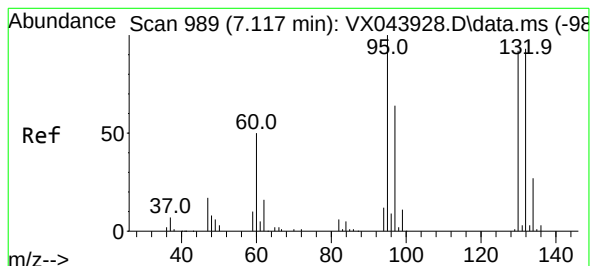
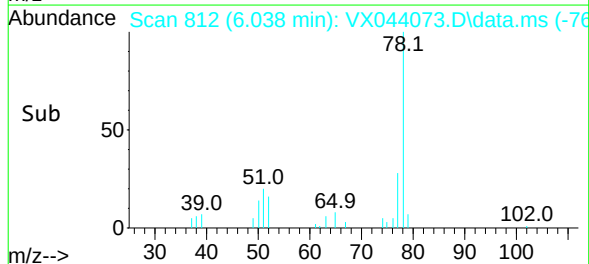
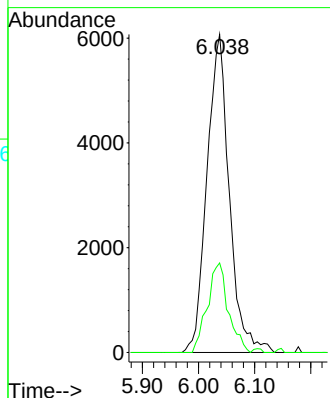
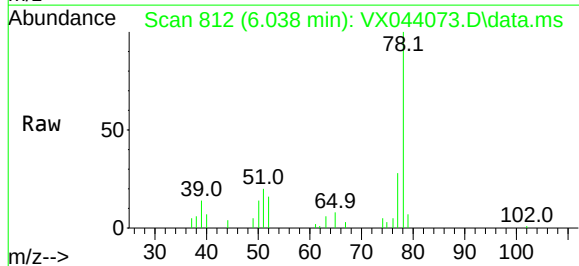
SPLP-C3-1RE

Tgt Ion: 78 Resp: 16776

Ion Ratio Lower Upper

78 100

77 28.2 19.2 28.8



#44

Trichloroethene

Concen: 2.028 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX044073.D

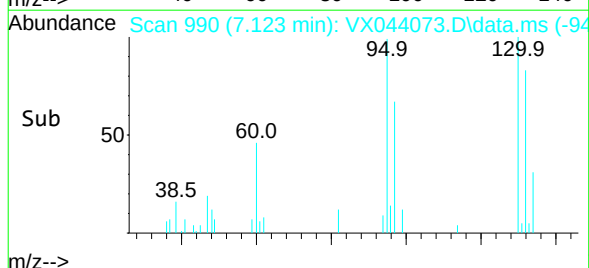
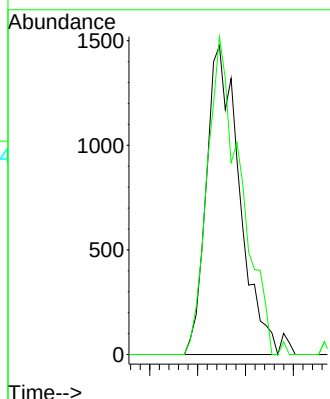
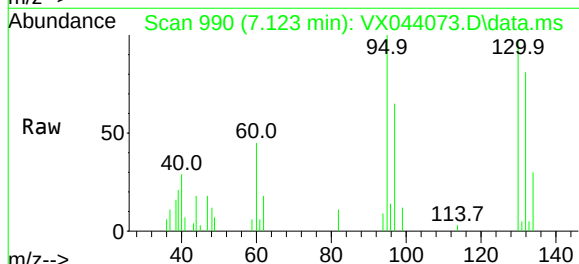
Acq: 02 Dec 2024 17:55

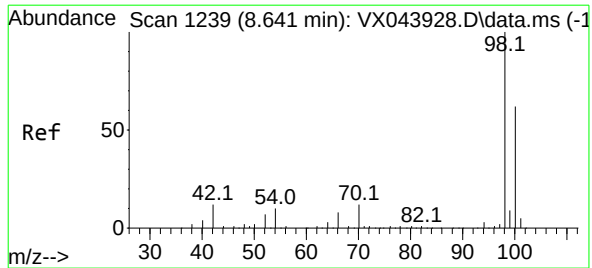
Tgt Ion: 130 Resp: 3536

Ion Ratio Lower Upper

130 100

95 103.0 0.0 217.8





#50

Toluene-d8

Concen: 50.057 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

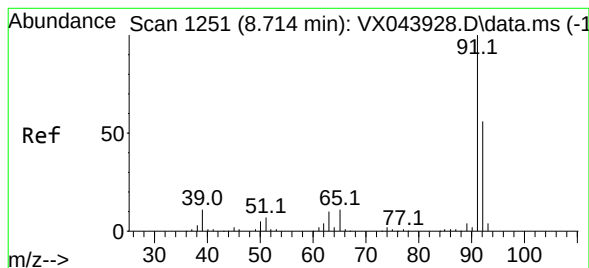
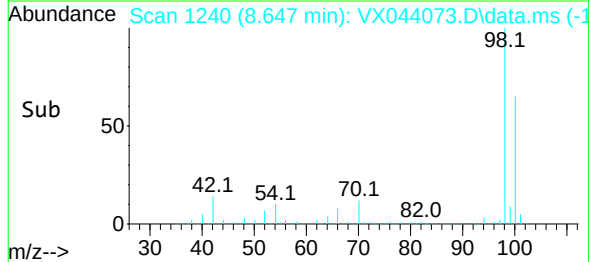
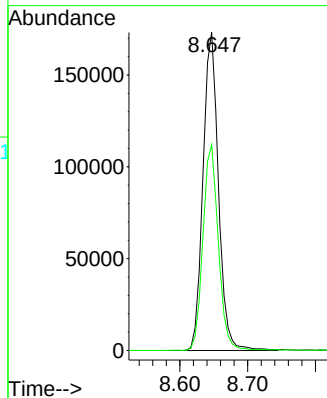
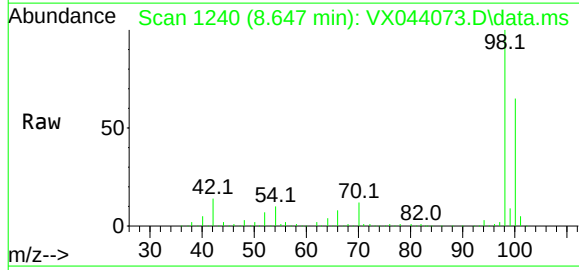
SPLP-C3-1RE

Tgt Ion: 98 Resp: 273748

Ion Ratio Lower Upper

98 100

100 64.8 52.6 79.0



#52

Toluene

Concen: 8.476 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044073.D

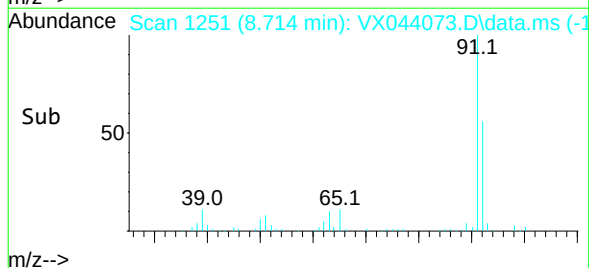
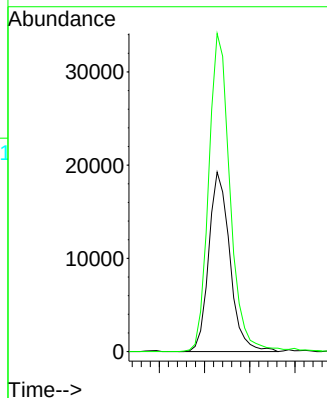
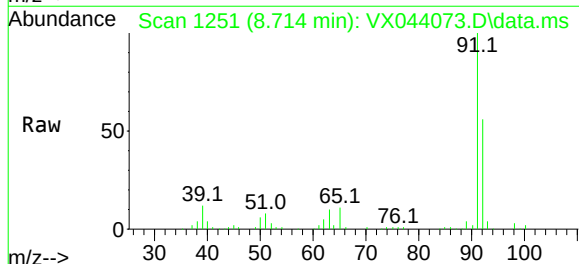
Acq: 02 Dec 2024 17:55

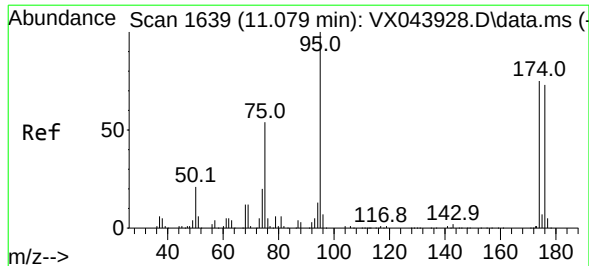
Tgt Ion: 92 Resp: 31239

Ion Ratio Lower Upper

92 100

91 180.5 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 52.676 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044073.D

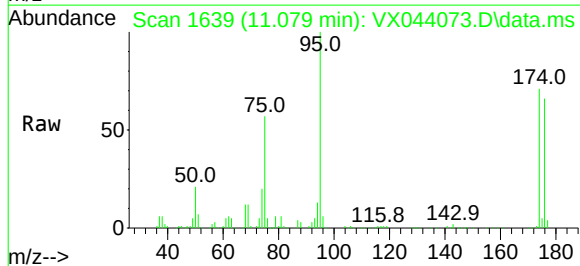
Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-1RE



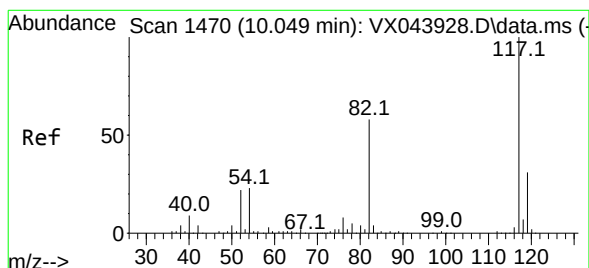
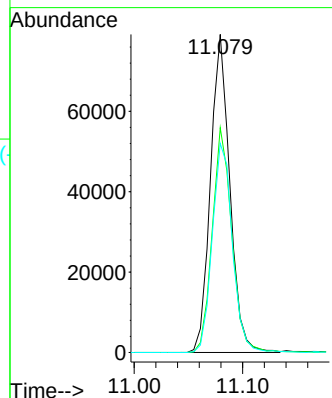
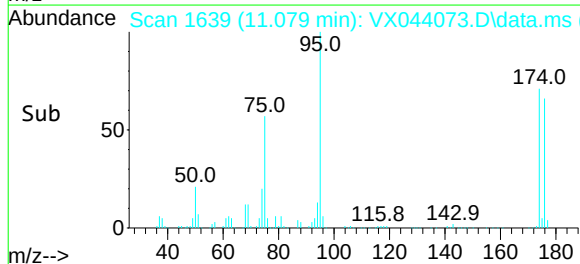
Tgt Ion: 95 Resp: 98038

Ion Ratio Lower Upper

95 100

174 71.7 0.0 150.4

176 68.5 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

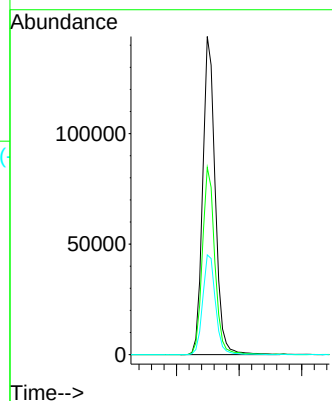
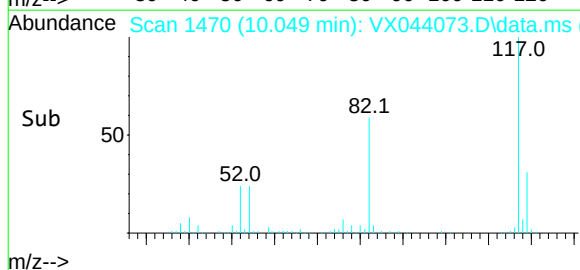
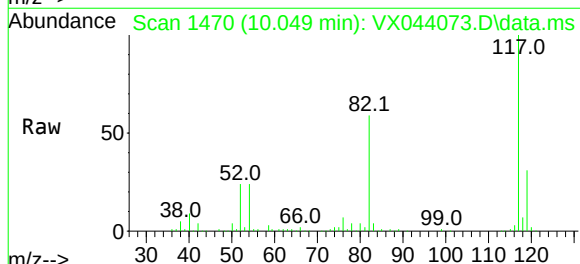
Tgt Ion: 117 Resp: 199117

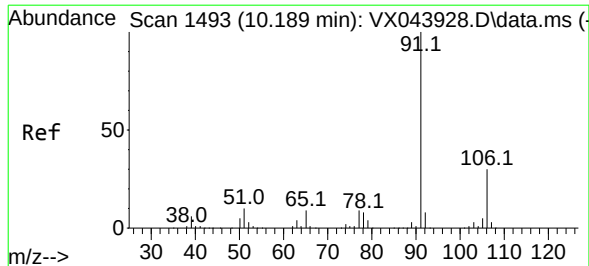
Ion Ratio Lower Upper

117 100

82 58.8 46.4 69.6

119 31.4 24.6 37.0





#67

Ethyl Benzene

Concen: 33.146 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044073.D

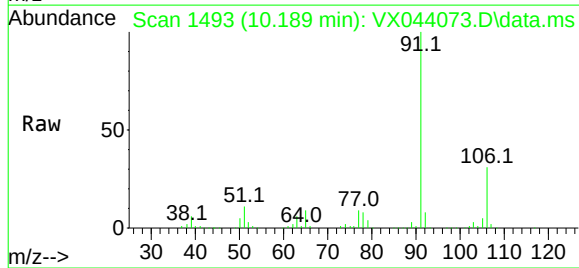
Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-1RE

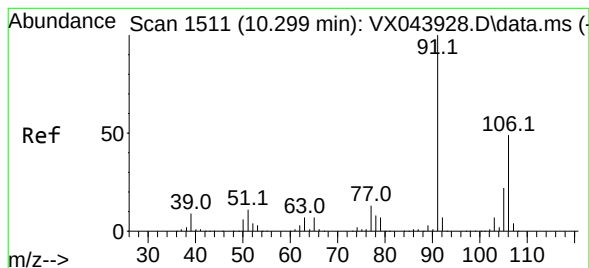
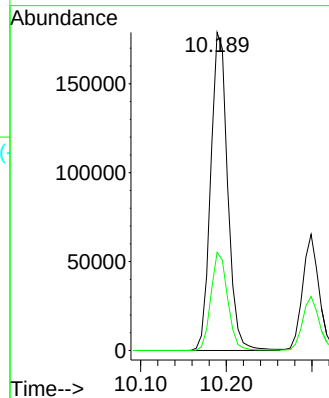
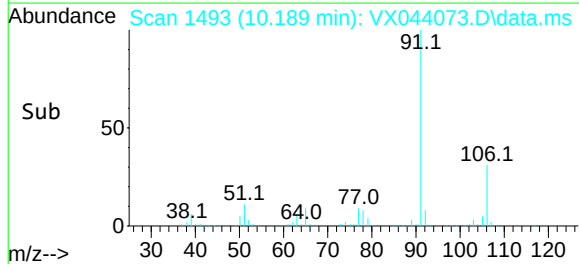


Tgt Ion: 91 Resp: 245622

Ion Ratio Lower Upper

91 100

106 30.9 23.6 35.4



#68

m/p-Xylenes

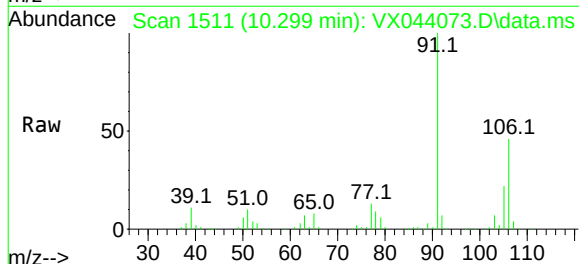
Concen: 15.138 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

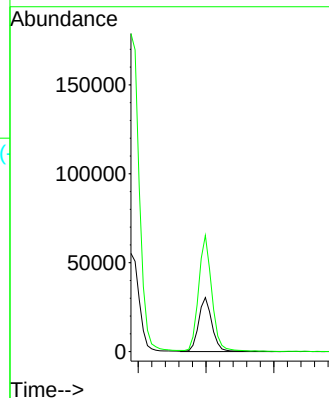
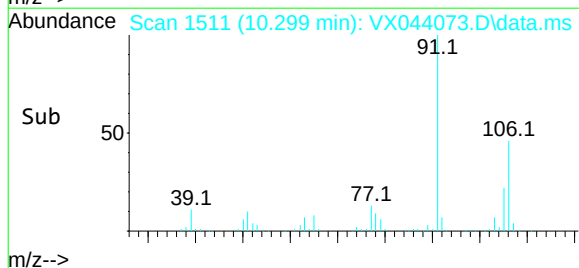


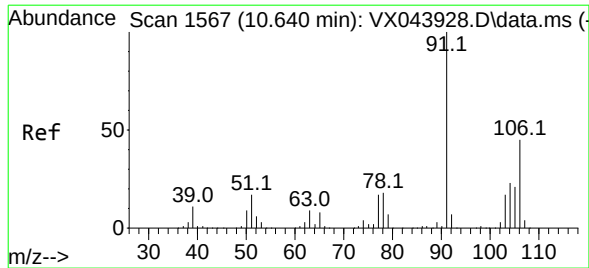
Tgt Ion: 106 Resp: 41834

Ion Ratio Lower Upper

106 100

91 211.6 168.1 252.1





#69

o-Xylene

Concen: 13.268 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044073.D

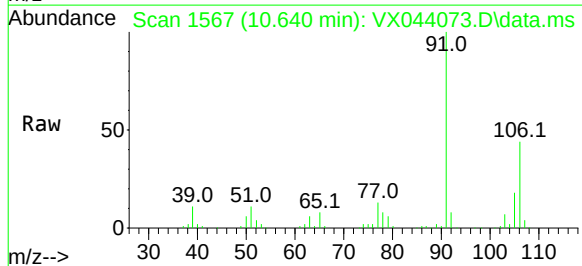
Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-1RE

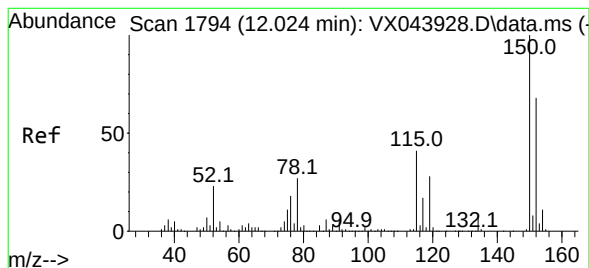
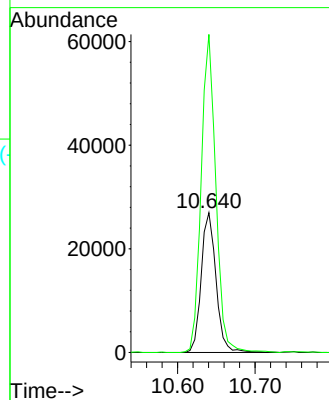
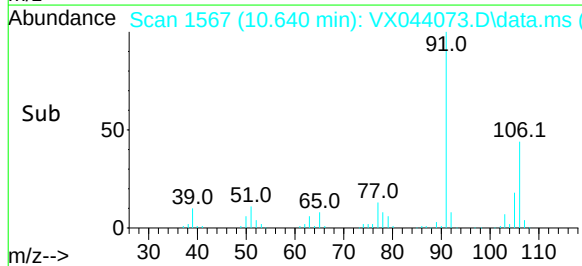


Tgt Ion:106 Resp: 35799

Ion Ratio Lower Upper

106 100

91 225.1 110.2 330.6



#72

1,4-Dichlorobenzene-d4

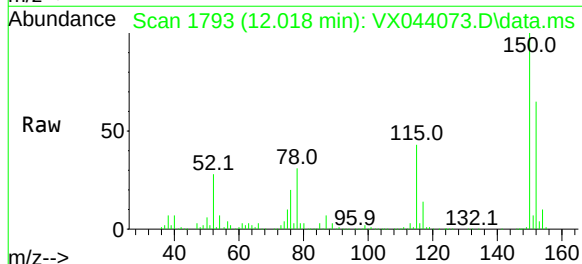
Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55



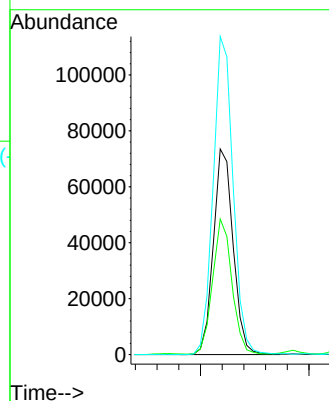
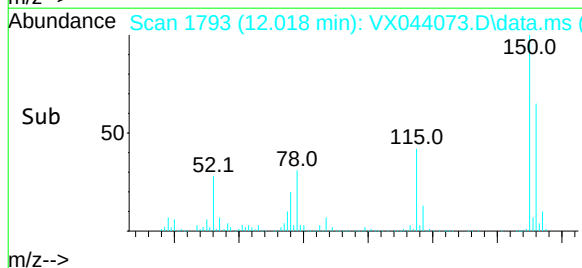
Tgt Ion:152 Resp: 92954

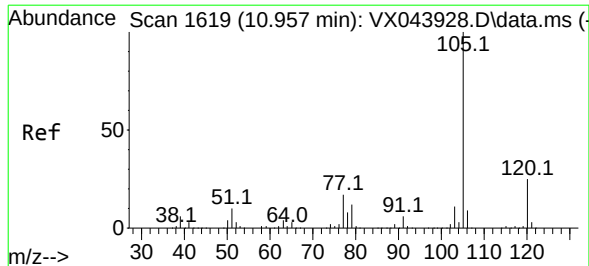
Ion Ratio Lower Upper

152 100

115 64.1 45.4 136.2

150 156.0 0.0 353.0





#73

Isopropylbenzene

Concen: 2.234 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

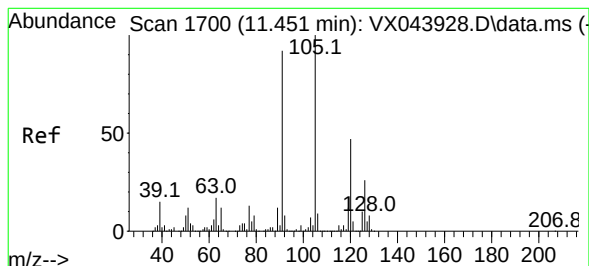
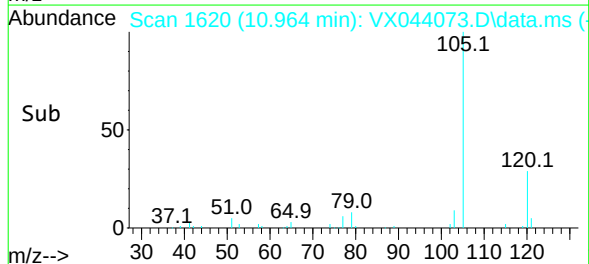
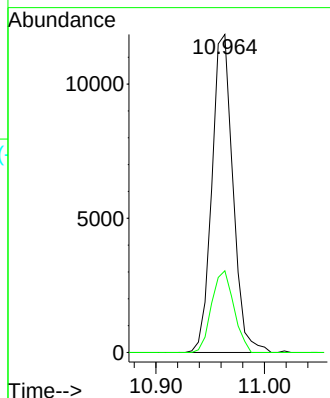
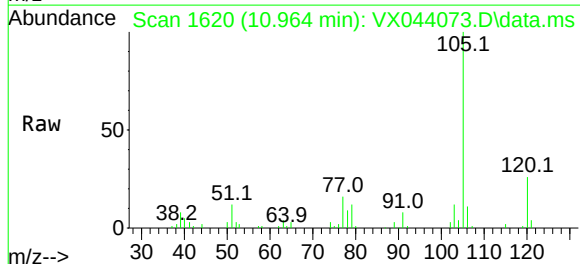
SPLP-C3-1RE

Tgt Ion:105 Resp: 15964

Ion Ratio Lower Upper

105 100

120 27.2 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 2.744 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044073.D

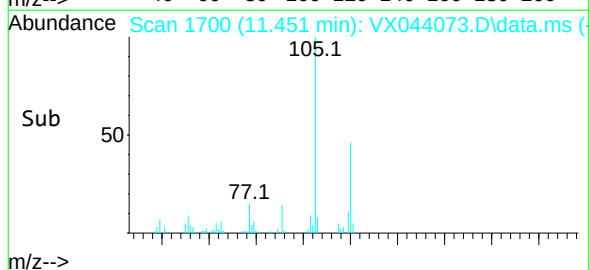
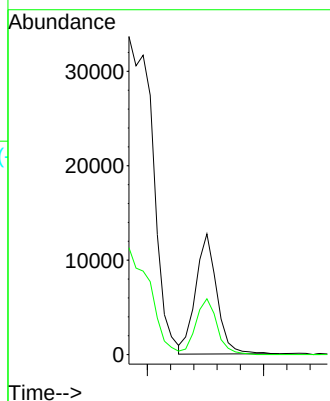
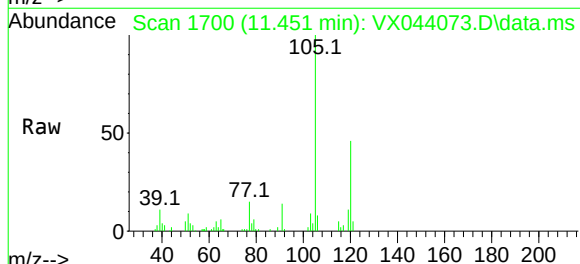
Acq: 02 Dec 2024 17:55

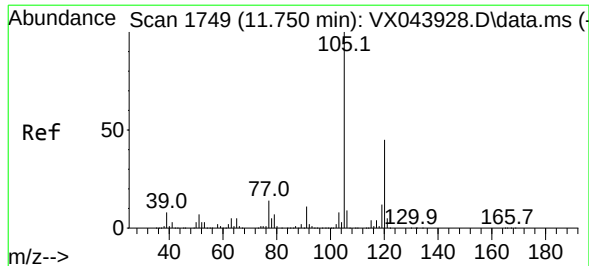
Tgt Ion:105 Resp: 16130

Ion Ratio Lower Upper

105 100

120 46.7 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 10.643 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044073.D

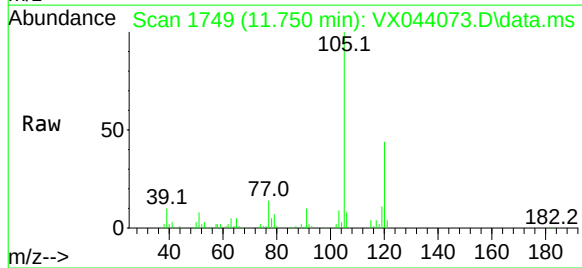
Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-1RE

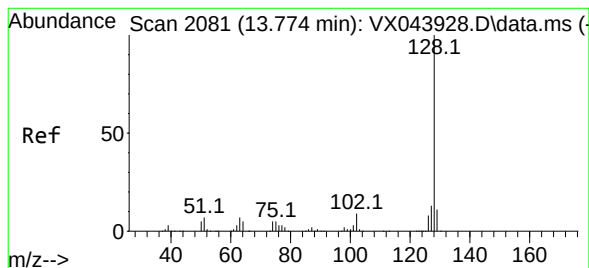
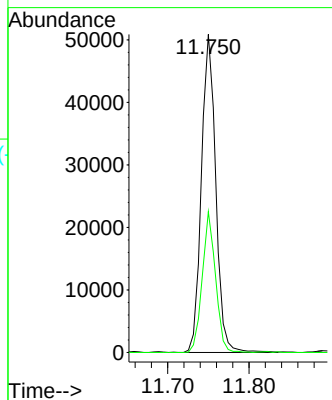
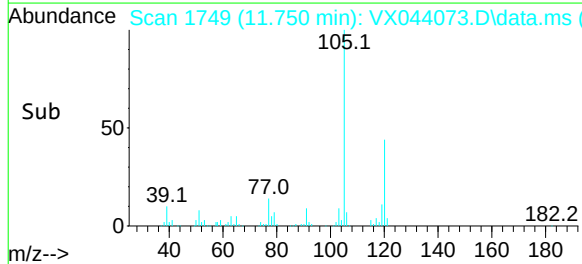


Tgt Ion:105 Resp: 62289

Ion Ratio Lower Upper

105 100

120 41.0 21.9 65.7



#95

Naphthalene

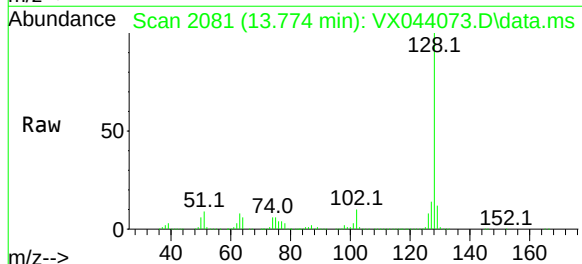
Concen: 873.995 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55



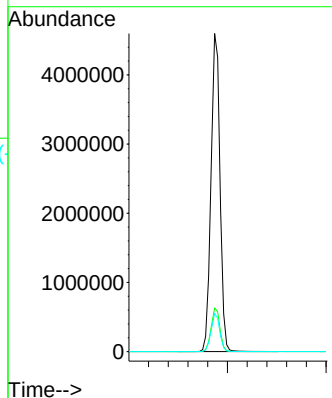
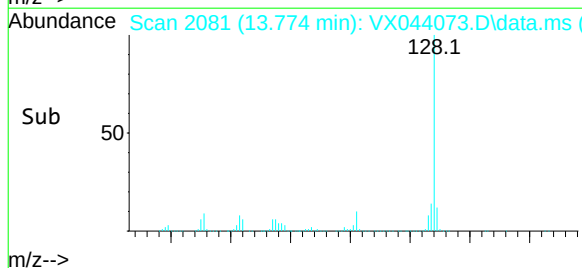
Tgt Ion:128 Resp: 5811084

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 11.5 8.6 12.8



Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/25/24	
Client Sample ID:	SPLP-C3-2		SDG No.:	P5001	
Lab Sample ID:	P5001-09		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044038.D	1		11/27/24 14:16	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	46.4		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	7.40	J	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	69.3		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	92.6		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	1.80	J	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	270	E	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-2	SDG No.:	P5001
Lab Sample ID:	P5001-09	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044038.D	1		11/27/24 14:16	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	460	E	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	220		0.31	10.0	ug/L
95-47-6	o-Xylene	150	E	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	17.8		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.2		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	29.7	*	70 (75) - 130 (124)	59%	SPK: 50
2037-26-5	Toluene-d8	49.8		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	118000	5.544			
540-36-3	1,4-Difluorobenzene	228000	6.757			
3114-55-4	Chlorobenzene-d5	201000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	95300	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-2	SDG No.:	P5001
Lab Sample ID:	P5001-09	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044038.D	1		11/27/24 14:16	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044038.D
 Acq On : 27 Nov 2024 14:16
 Operator : JC/MD
 Sample : P5001-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C3-2

Quant Time: Nov 28 00:47:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

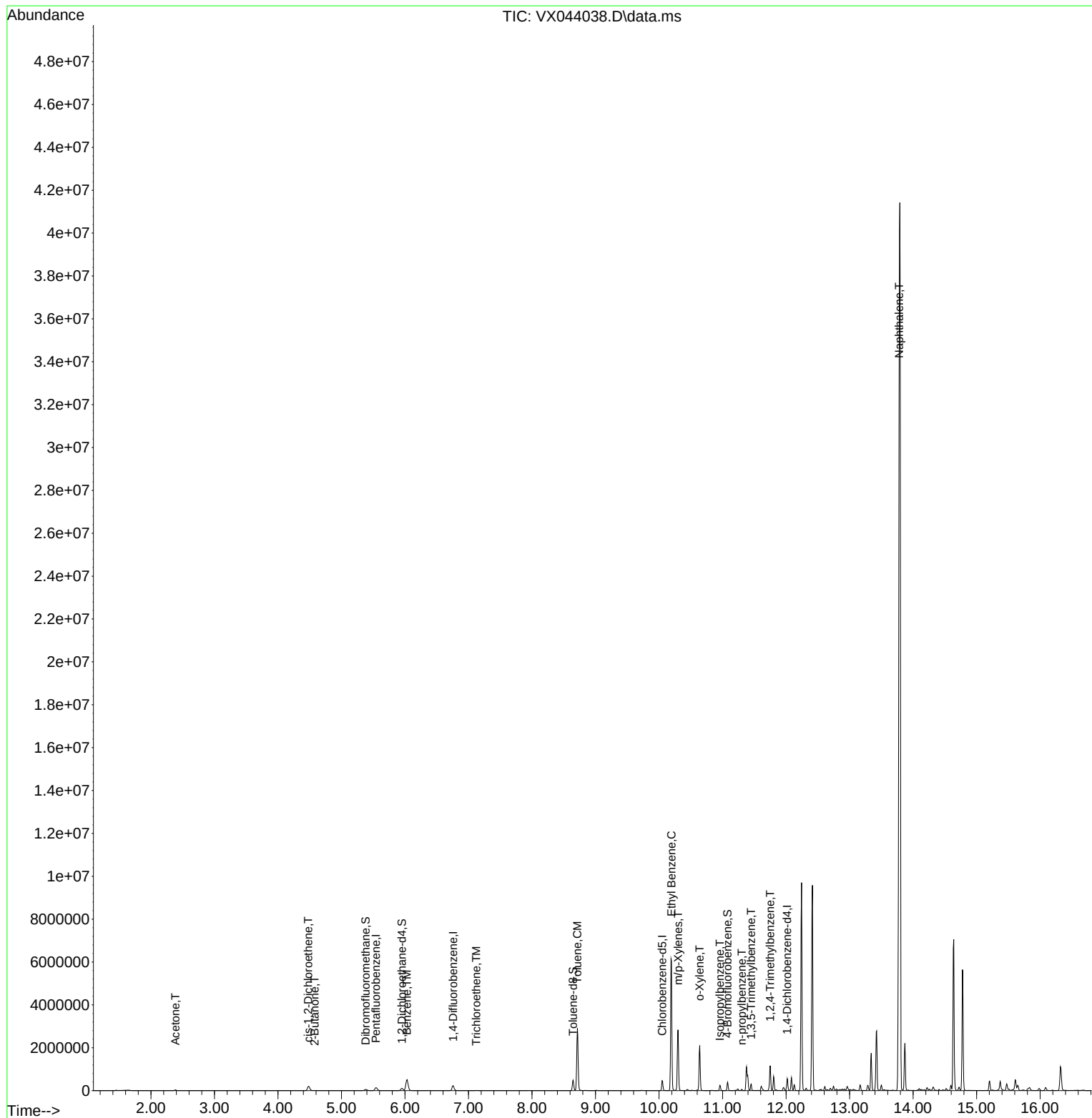
Internal Standards						
1) Pentafluorobenzene	5.544	168	118131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	228473	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	200936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101796	50.241	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	100.480%	
35) Dibromofluoromethane	5.379	113	48468	29.688	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	59.380%#	
50) Toluene-d8	8.647	98	279981	49.752	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.500%	
62) 4-Bromofluorobenzene	11.079	95	99175	51.783	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	103.560%	
Target Compounds						
						Qvalue
16) Acetone	2.386	43	43151	46.369	ug/l	97
25) 2-Butanone	4.574	43	8899	7.411	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	120308	69.255	ug/l	90
40) Benzene	6.031	78	586629	92.574	ug/l	99
44) Trichloroethene	7.123	130	3200	1.784	ug/l	81
52) Toluene	8.714	92	1041836	274.686	ug/l	99
67) Ethyl Benzene	10.195	91	3471652	464.246	ug/l	96
68) m/p-Xylenes	10.299	106	616308	221.000	ug/l	100
69) o-Xylene	10.640	106	411349	151.076	ug/l	96
73) Isopropylbenzene	10.957	105	130381	17.797	ug/l	99
78) n-propylbenzene	11.305	91	34425	4.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	126808	21.039	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	468891	78.141	ug/l	100
95) Naphthalene	13.780	128	20032822	2938.638	ug/l #	62

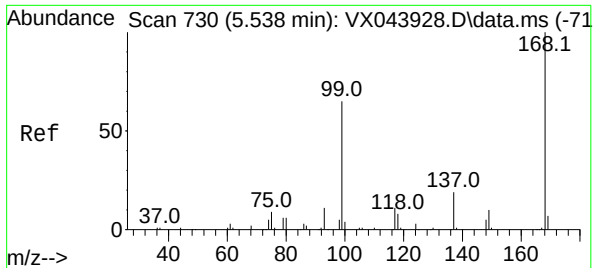
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044038.D
Acq On : 27 Nov 2024 14:16
Operator : JC/MD
Sample : P5001-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-2

Quant Time: Nov 28 00:47:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

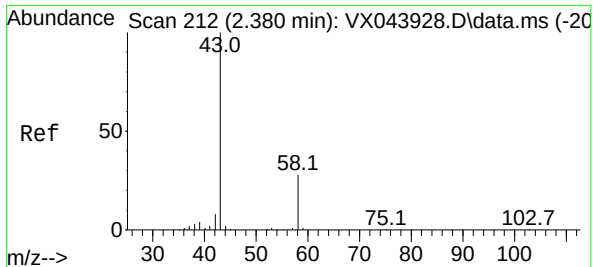
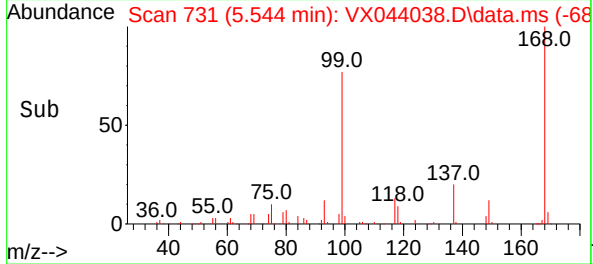
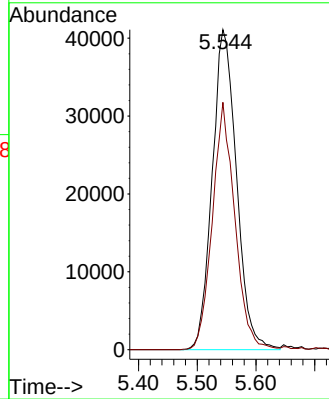
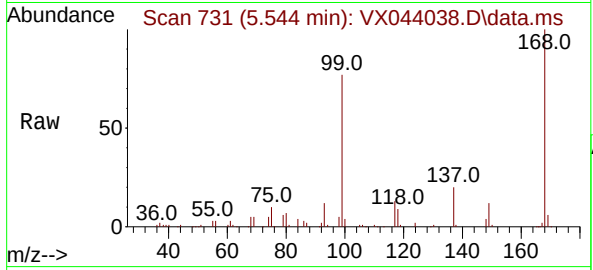




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

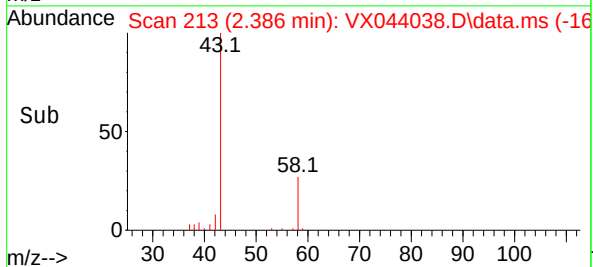
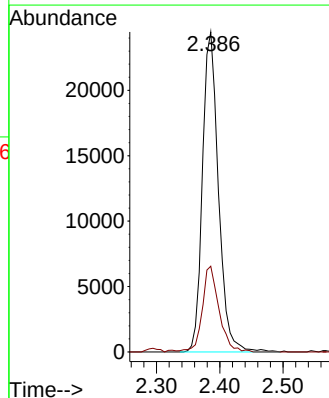
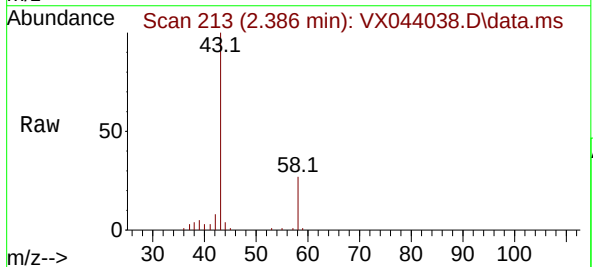
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-2

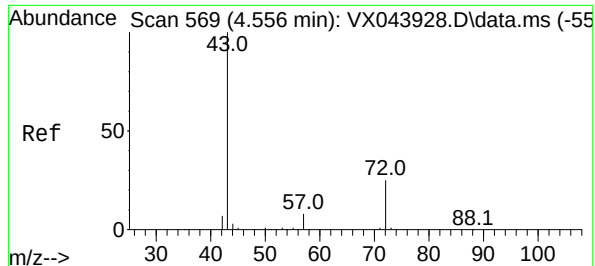
Tgt Ion:168 Resp: 118131
Ion Ratio Lower Upper
168 100
99 77.3 51.8 77.8



#16
Acetone
Concen: 46.369 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

Tgt Ion: 43 Resp: 43151
Ion Ratio Lower Upper
43 100
58 26.8 22.7 34.1





#25

2-Butanone

Concen: 7.411 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

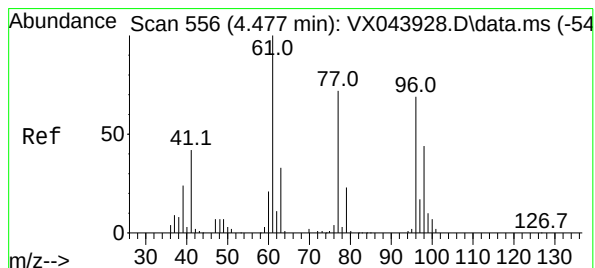
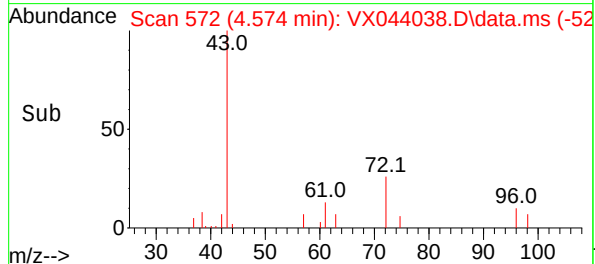
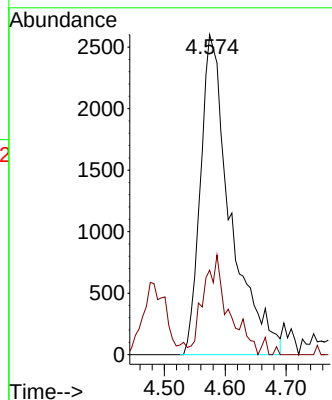
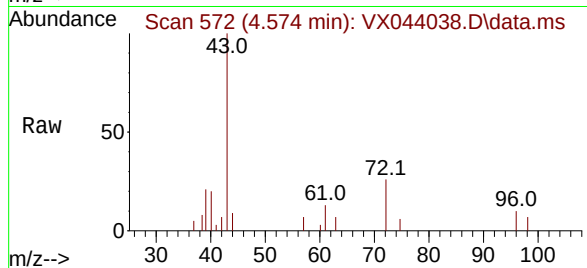
SPLP-C3-2

Tgt Ion: 43 Resp: 8899

Ion Ratio Lower Upper

43 100

72 26.4 20.2 30.2



#27

cis-1,2-Dichloroethene

Concen: 69.255 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

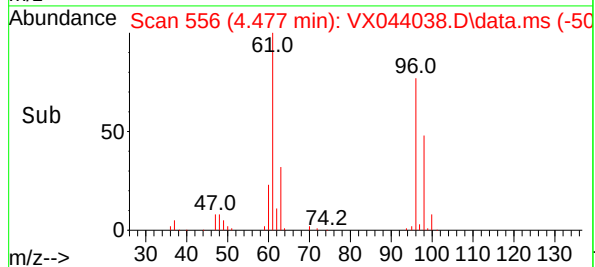
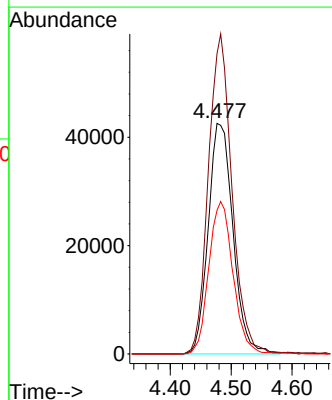
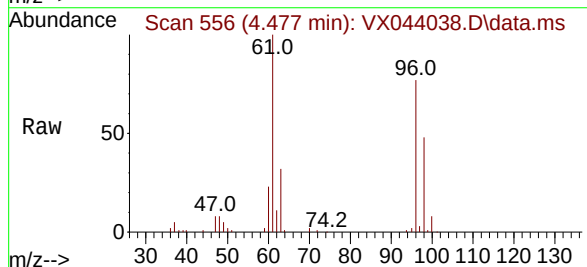
Tgt Ion: 96 Resp: 120308

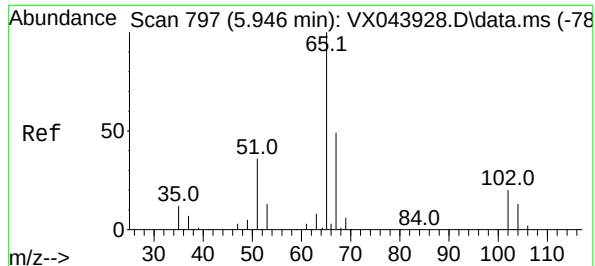
Ion Ratio Lower Upper

96 100

61 132.1 0.0 297.4

98 64.7 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 50.241 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

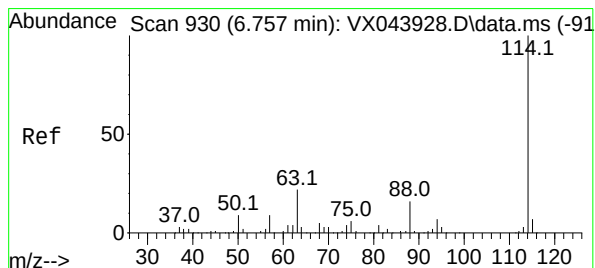
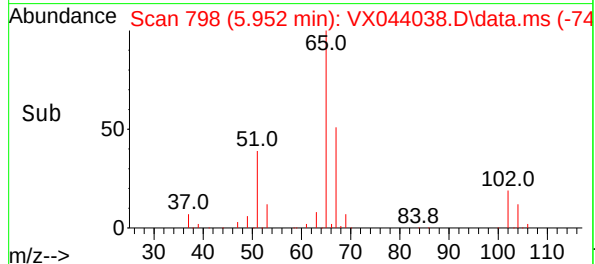
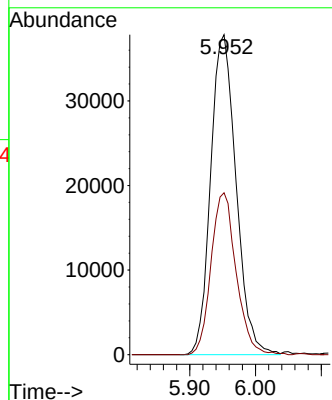
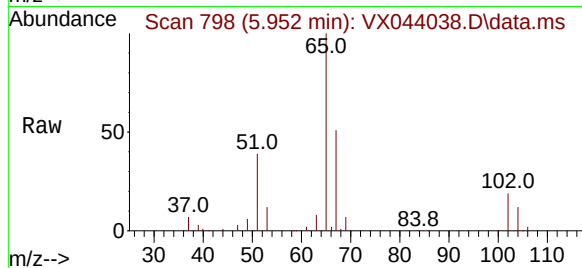
SPLP-C3-2

Tgt Ion: 65 Resp: 101796

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

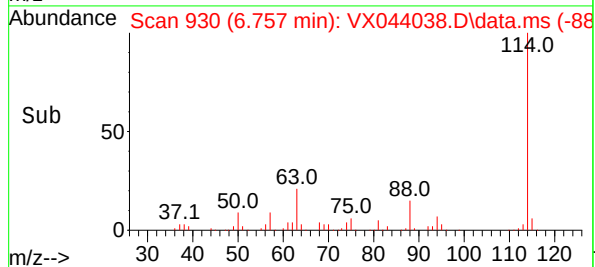
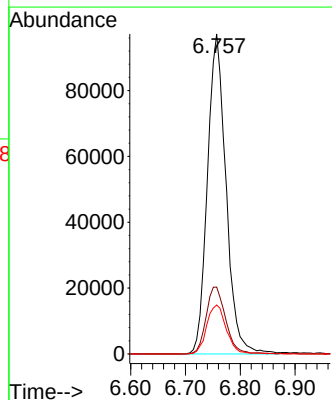
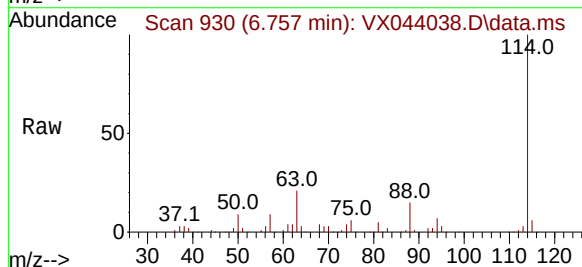
Tgt Ion:114 Resp: 228473

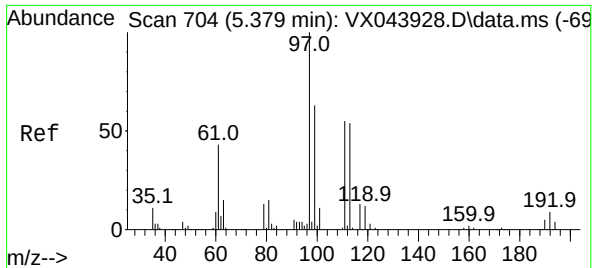
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.0

88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 29.688 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044038.D

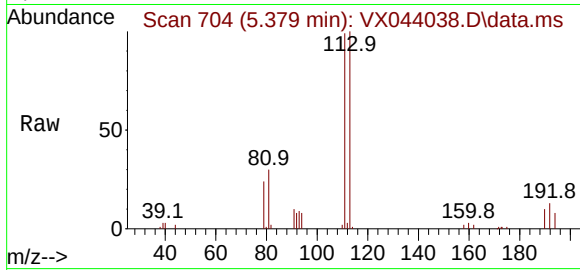
Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-2



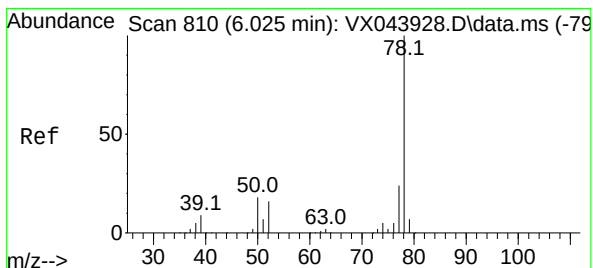
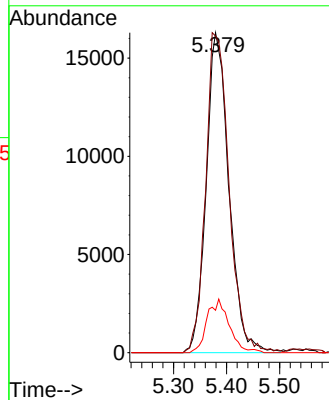
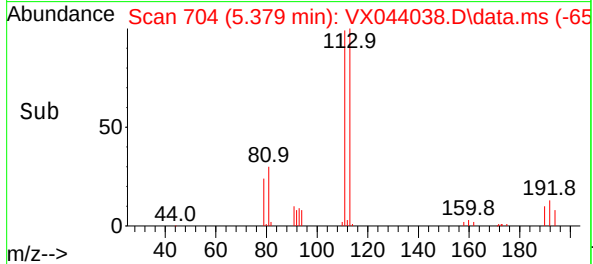
Tgt Ion:113 Resp: 48468

Ion Ratio Lower Upper

113 100

111 102.9 81.0 121.4

192 16.3 13.0 19.6



#40

Benzene

Concen: 92.574 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX044038.D

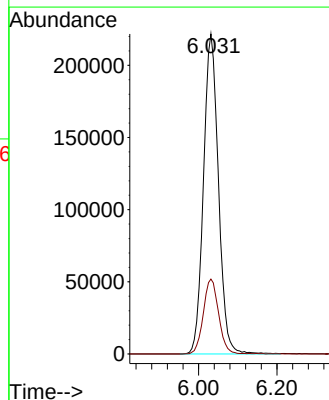
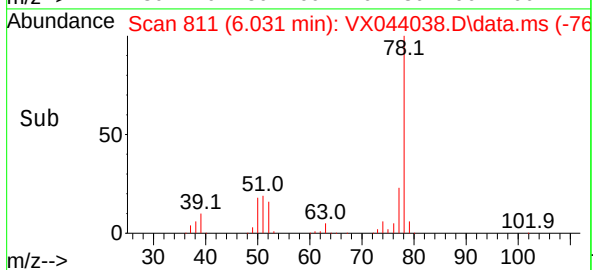
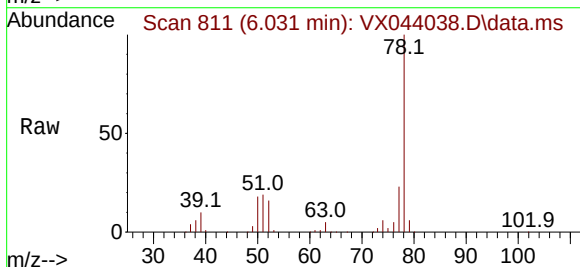
Acq: 27 Nov 2024 14:16

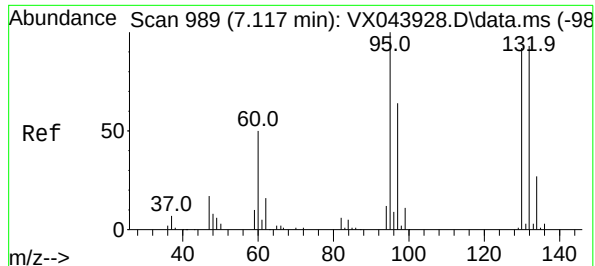
Tgt Ion: 78 Resp: 586629

Ion Ratio Lower Upper

78 100

77 23.4 19.2 28.8





#44

Trichloroethene

Concen: 1.784 ug/l

RT: 7.123 min Scan# 94

Delta R.T. 0.006 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

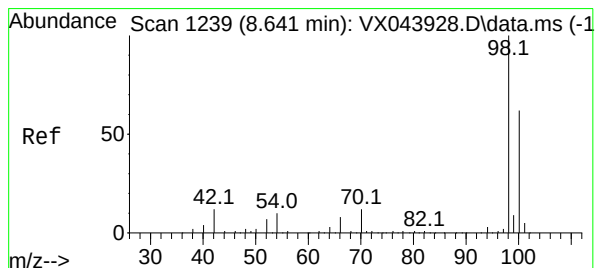
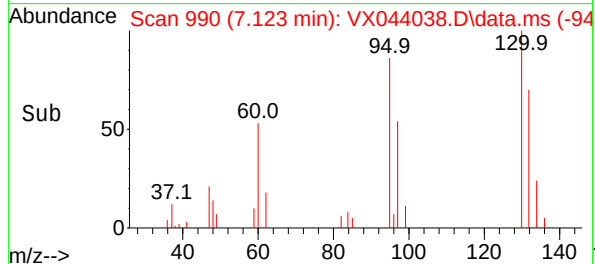
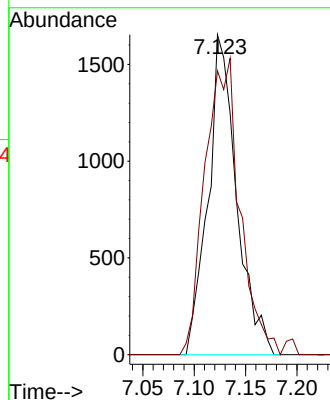
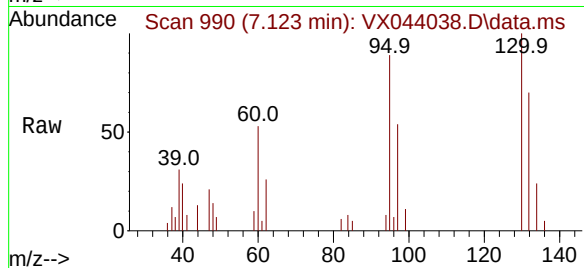
SPLP-C3-2

Tgt Ion:130 Resp: 3200

Ion Ratio Lower Upper

130 100

95 88.7 0.0 217.8



#50

Toluene-d8

Concen: 49.752 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044038.D

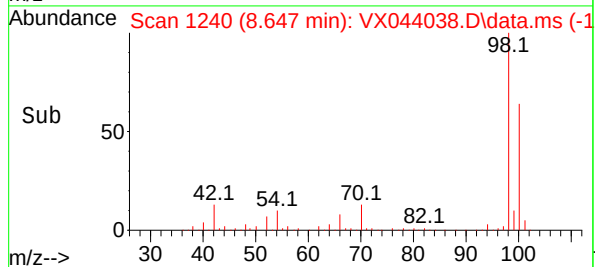
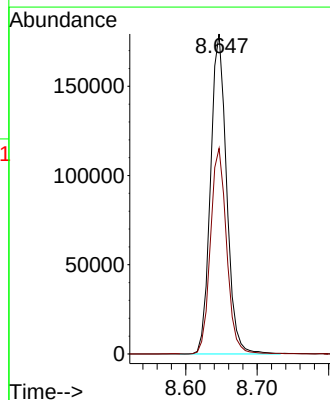
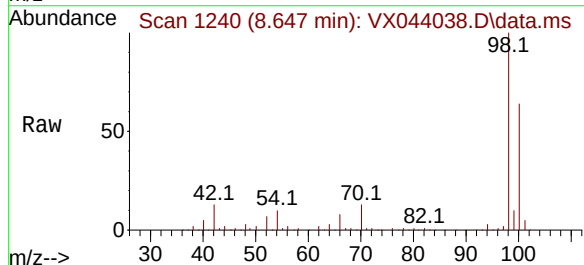
Acq: 27 Nov 2024 14:16

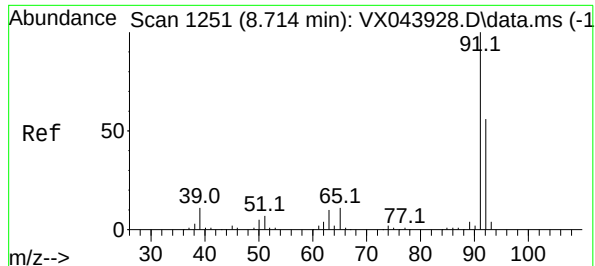
Tgt Ion: 98 Resp: 279981

Ion Ratio Lower Upper

98 100

100 64.7 52.6 79.0





#52

Toluene

Concen: 274.686 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

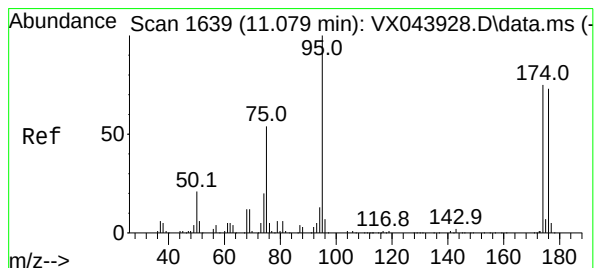
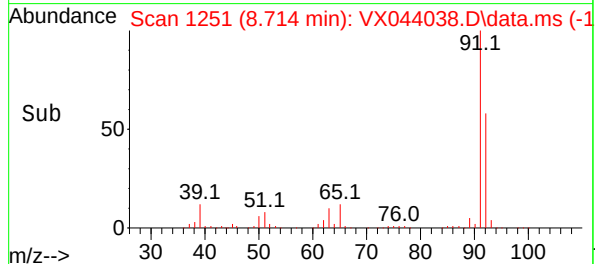
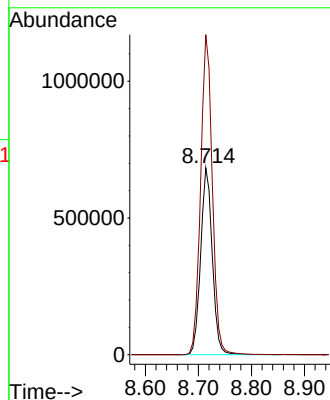
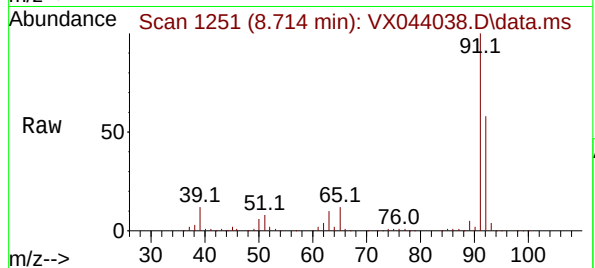
SPLP-C3-2

Tgt Ion: 92 Resp: 1041836

Ion Ratio Lower Upper

92 100

91 172.5 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 51.783 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

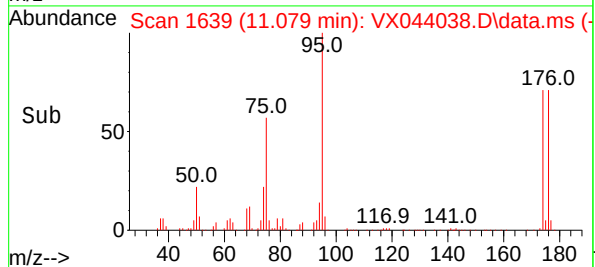
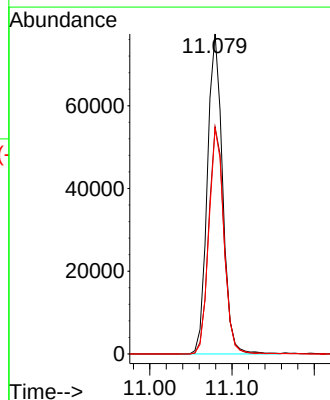
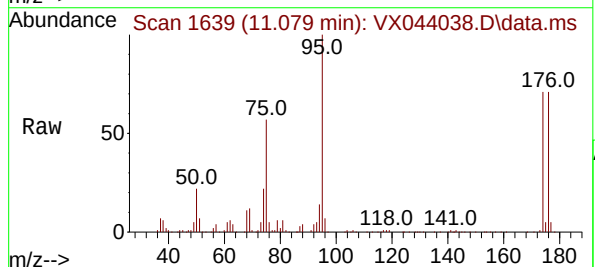
Tgt Ion: 95 Resp: 99175

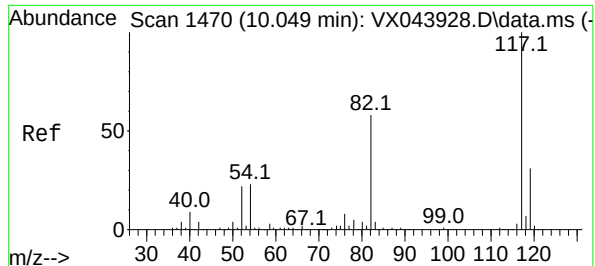
Ion Ratio Lower Upper

95 100

174 71.1 0.0 150.4

176 69.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-2

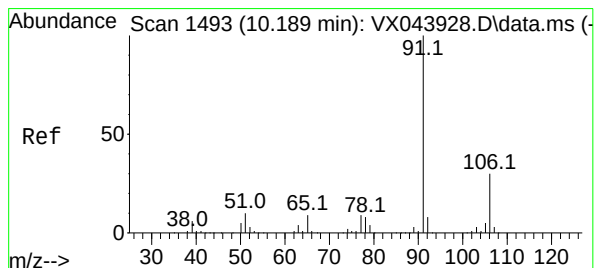
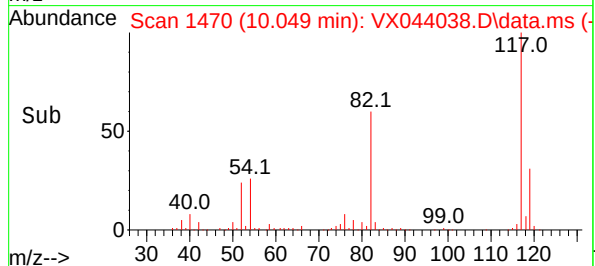
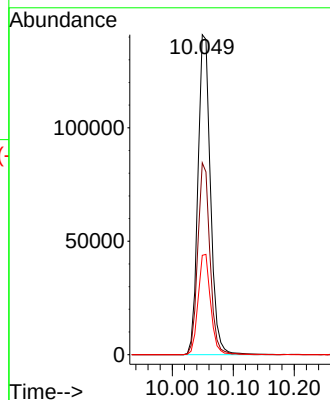
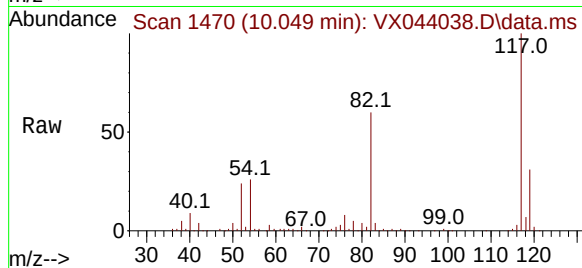
Tgt Ion:117 Resp: 200936

Ion Ratio Lower Upper

117 100

82 60.0 46.4 69.6

119 31.1 24.6 37.0



#67

Ethyl Benzene

Concen: 464.246 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044038.D

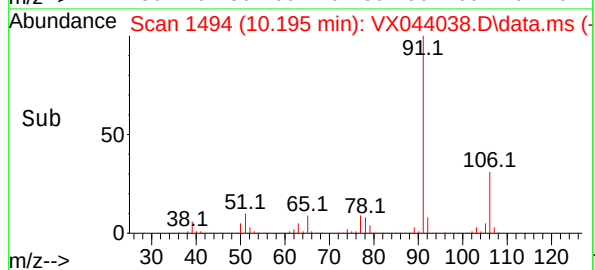
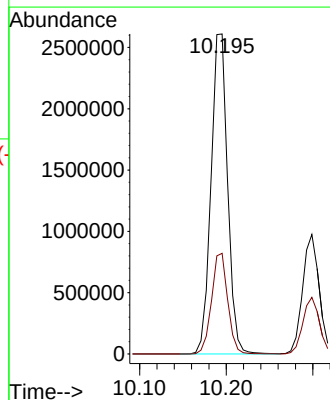
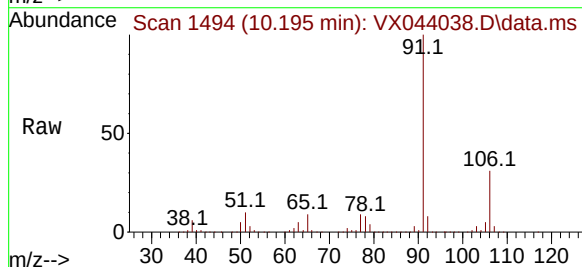
Acq: 27 Nov 2024 14:16

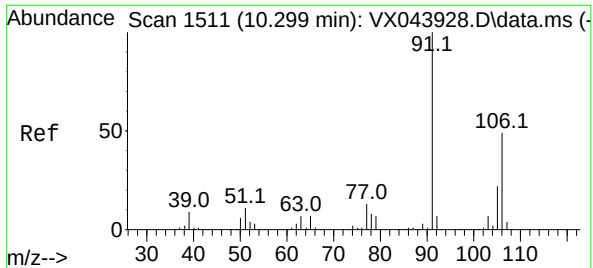
Tgt Ion: 91 Resp: 3471652

Ion Ratio Lower Upper

91 100

106 31.5 23.6 35.4

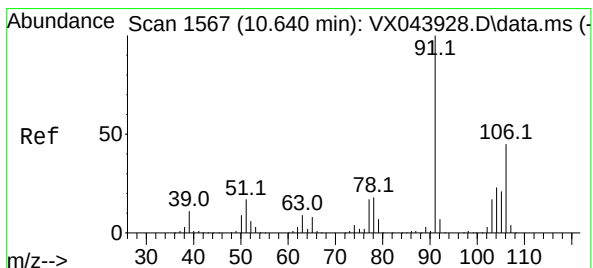
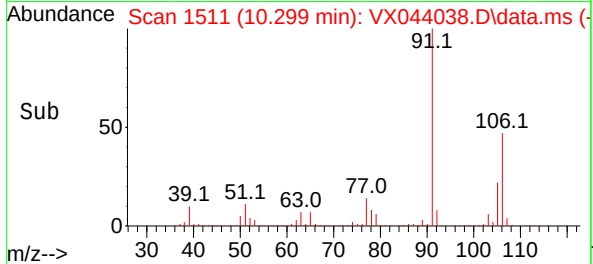
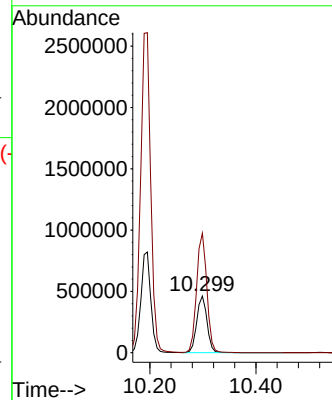
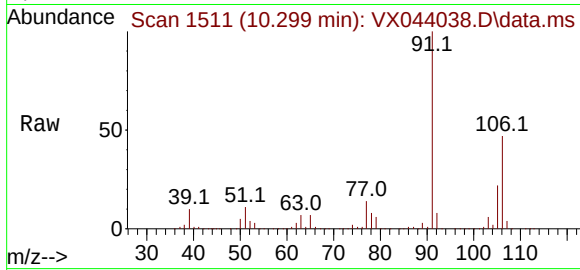




#68
m/p-Xylenes
Concen: 221.000 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

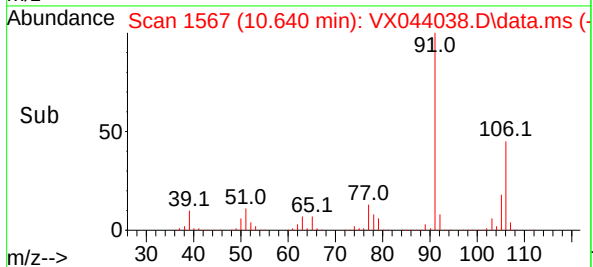
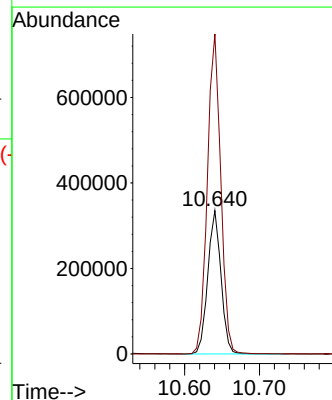
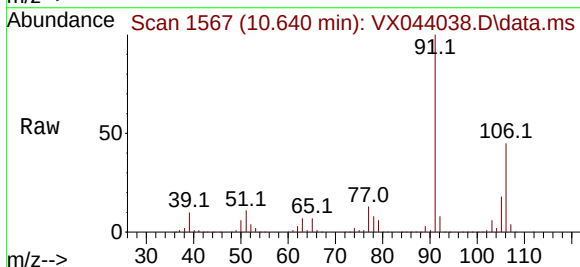
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-2

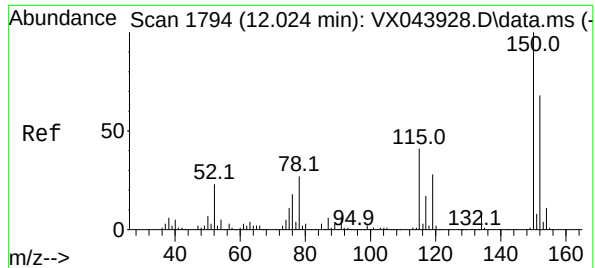
Tgt Ion:106 Resp: 616308
Ion Ratio Lower Upper
106 100
91 210.4 168.1 252.1



#69
o-Xylene
Concen: 151.076 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

Tgt Ion:106 Resp: 411349
Ion Ratio Lower Upper
106 100
91 226.4 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-2

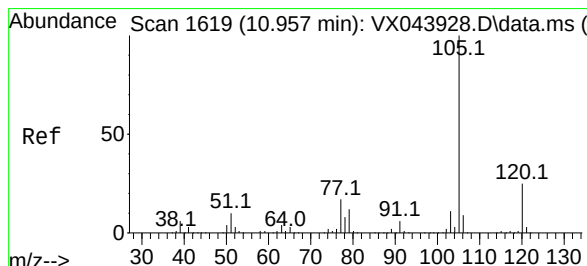
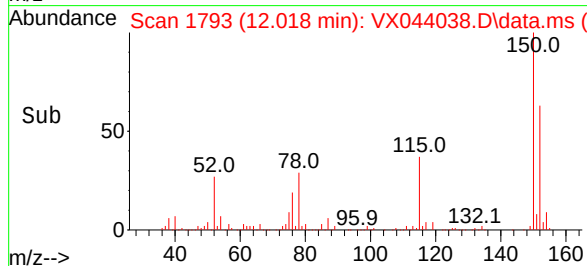
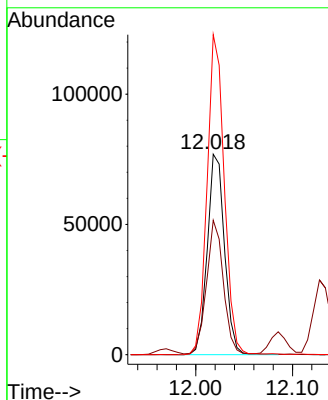
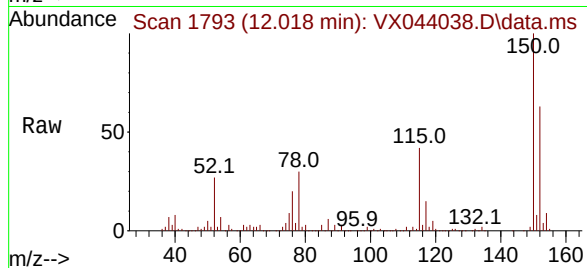
Tgt Ion:152 Resp: 95305

Ion Ratio Lower Upper

152 100

115 64.4 45.4 136.2

150 158.0 0.0 353.0



#73

Isopropylbenzene

Concen: 17.797 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044038.D

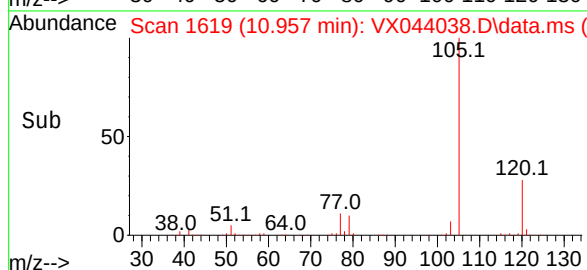
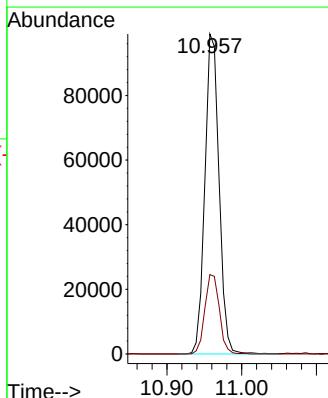
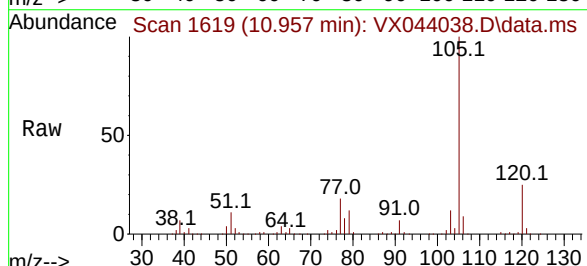
Acq: 27 Nov 2024 14:16

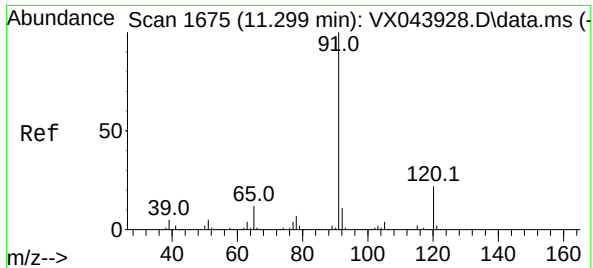
Tgt Ion:105 Resp: 130381

Ion Ratio Lower Upper

105 100

120 25.4 13.0 38.9

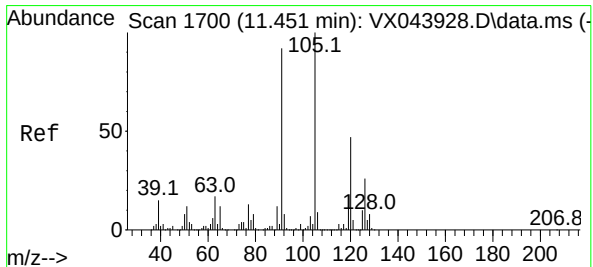
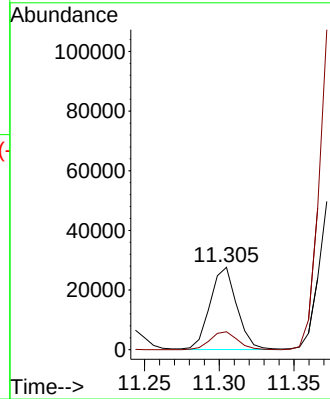
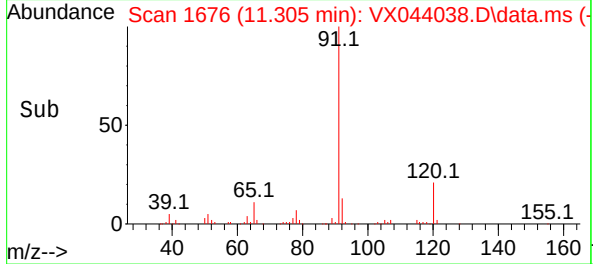
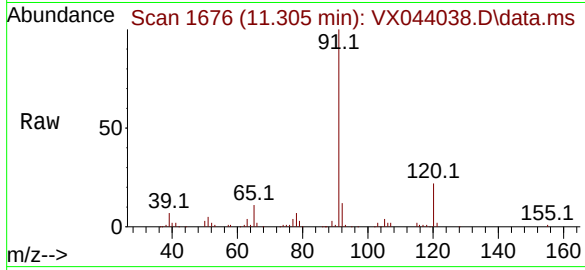




#78
n-propylbenzene
Concen: 4.207 ug/l
RT: 11.305 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

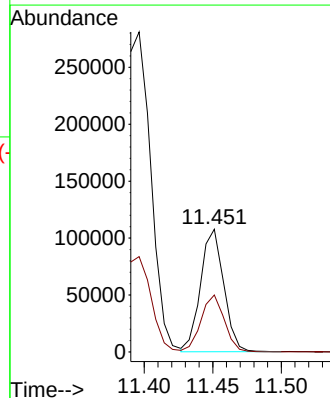
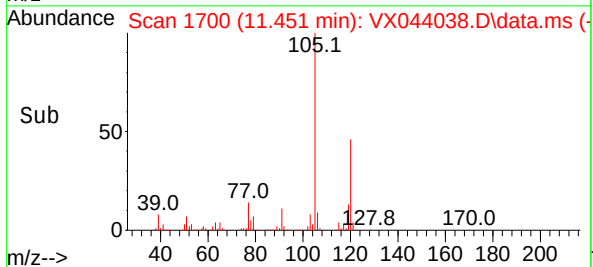
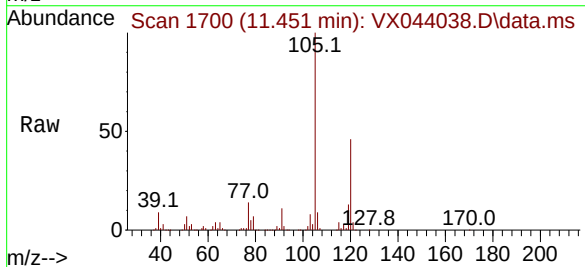
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-2

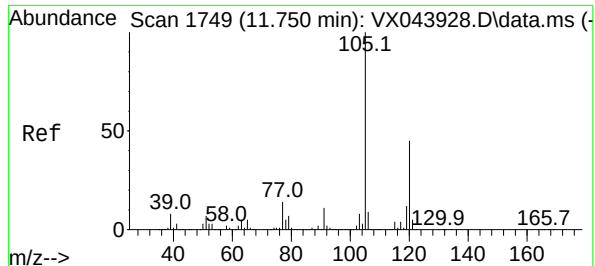
Tgt Ion: 91 Resp: 34425
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 21.039 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044038.D
Acq: 27 Nov 2024 14:16

Tgt Ion: 105 Resp: 126808
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 78.141 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

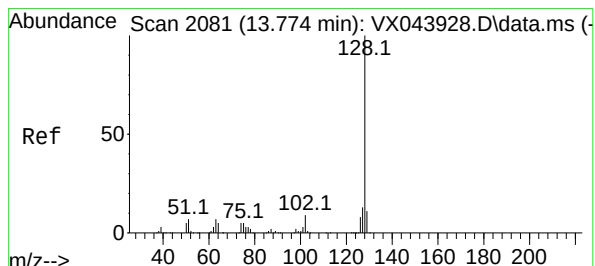
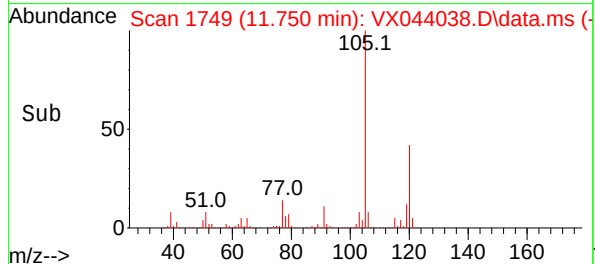
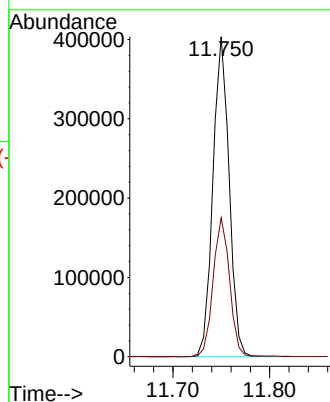
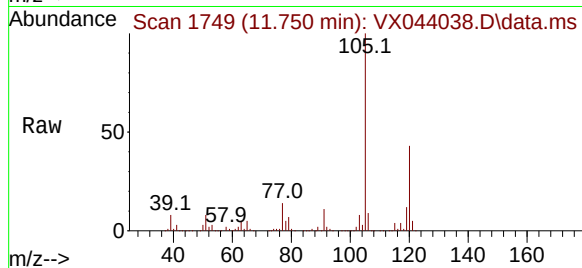
SPLP-C3-2

Tgt Ion:105 Resp: 468891

Ion Ratio Lower Upper

105 100

120 43.9 21.9 65.7



#95

Naphthalene

Concen: 2938.638 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044038.D

Acq: 27 Nov 2024 14:16

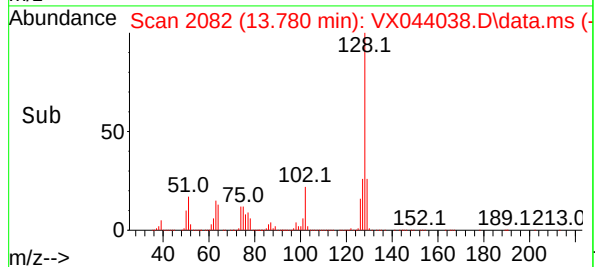
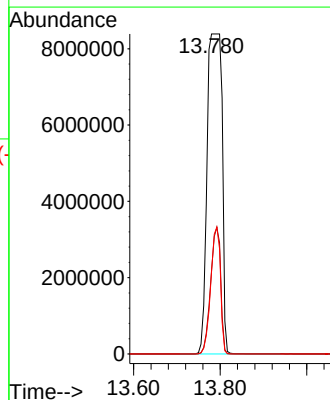
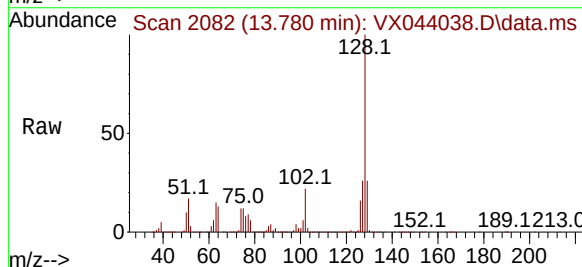
Tgt Ion:128 Resp:20032822

Ion Ratio Lower Upper

128 100

127 26.7 10.2 15.2#

129 25.8 8.6 12.8#



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-2DL	SDG No.:	P5001
Lab Sample ID:	P5001-09DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044067.D	10		12/02/24 15:38	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.10	UD	2.10	50.0	ug/L
74-87-3	Chloromethane	3.50	UD	3.50	50.0	ug/L
75-01-4	Vinyl Chloride	3.40	UD	3.40	50.0	ug/L
74-83-9	Bromomethane	13.6	UD	13.6	50.0	ug/L
75-00-3	Chloroethane	5.60	UD	5.60	50.0	ug/L
75-69-4	Trichlorofluoromethane	3.40	UD	3.40	50.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	UD	2.50	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.60	UD	2.60	50.0	ug/L
67-64-1	Acetone	13.9	UD	13.9	250	ug/L
75-15-0	Carbon Disulfide	3.20	UD	3.20	50.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	UD	1.60	50.0	ug/L
79-20-9	Methyl Acetate	6.00	UD	6.00	50.0	ug/L
75-09-2	Methylene Chloride	3.20	UD	3.20	50.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.50	UD	2.50	50.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	UD	2.30	50.0	ug/L
110-82-7	Cyclohexane	16.2	UD	16.2	50.0	ug/L
78-93-3	2-Butanone	13.0	UD	13.0	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	UD	2.50	50.0	ug/L
156-59-2	cis-1,2-Dichloroethene	58.3	D	2.50	50.0	ug/L
74-97-5	Bromochloromethane	1.80	UD	1.80	50.0	ug/L
67-66-3	Chloroform	2.60	UD	2.60	50.0	ug/L
71-55-6	1,1,1-Trichloroethane	1.90	UD	1.90	50.0	ug/L
108-87-2	Methylcyclohexane	1.90	UD	1.90	50.0	ug/L
71-43-2	Benzene	82.4	D	1.60	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.40	UD	2.40	50.0	ug/L
79-01-6	Trichloroethene	3.20	UD	3.20	50.0	ug/L
78-87-5	1,2-Dichloropropane	1.90	UD	1.90	50.0	ug/L
75-27-4	Bromodichloromethane	2.40	UD	2.40	50.0	ug/L
108-10-1	4-Methyl-2-Pentanone	7.50	UD	7.50	250	ug/L
108-88-3	Toluene	230	D	1.80	50.0	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-2DL	SDG No.:	P5001
Lab Sample ID:	P5001-09DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044067.D	10		12/02/24 15:38	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	2.10	UD	2.10	50.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.80	UD	1.80	50.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	UD	2.10	50.0	ug/L
591-78-6	2-Hexanone	11.3	UD	11.3	250	ug/L
124-48-1	Dibromochloromethane	1.80	UD	1.80	50.0	ug/L
106-93-4	1,2-Dibromoethane	1.60	UD	1.60	50.0	ug/L
127-18-4	Tetrachloroethene	2.50	UD	2.50	50.0	ug/L
108-90-7	Chlorobenzene	1.30	UD	1.30	50.0	ug/L
100-41-4	Ethyl Benzene	380	D	1.60	50.0	ug/L
179601-23-1	m/p-Xylenes	180	D	3.10	100	ug/L
95-47-6	o-Xylene	130	D	1.40	50.0	ug/L
100-42-5	Styrene	1.60	UD	1.60	50.0	ug/L
75-25-2	Bromoform	2.10	UD	2.10	50.0	ug/L
98-82-8	Isopropylbenzene	14.7	JD	1.30	50.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.70	UD	2.70	50.0	ug/L
541-73-1	1,3-Dichlorobenzene	2.40	UD	2.40	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	2.70	UD	2.70	50.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.90	UD	1.90	50.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	4.60	UD	4.60	50.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.20	UD	4.20	50.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.10	UD	5.10	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	51.2		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	128000	5.544			
540-36-3	1,4-Difluorobenzene	243000	6.757			
3114-55-4	Chlorobenzene-d5	216000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	101000	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-2DL	SDG No.:	P5001
Lab Sample ID:	P5001-09DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044067.D	10		12/02/24 15:38	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044067.D
 Acq On : 02 Dec 2024 15:38
 Operator : JC/MD
 Sample : P5001-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C3-2DL

Quant Time: Dec 03 00:22:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

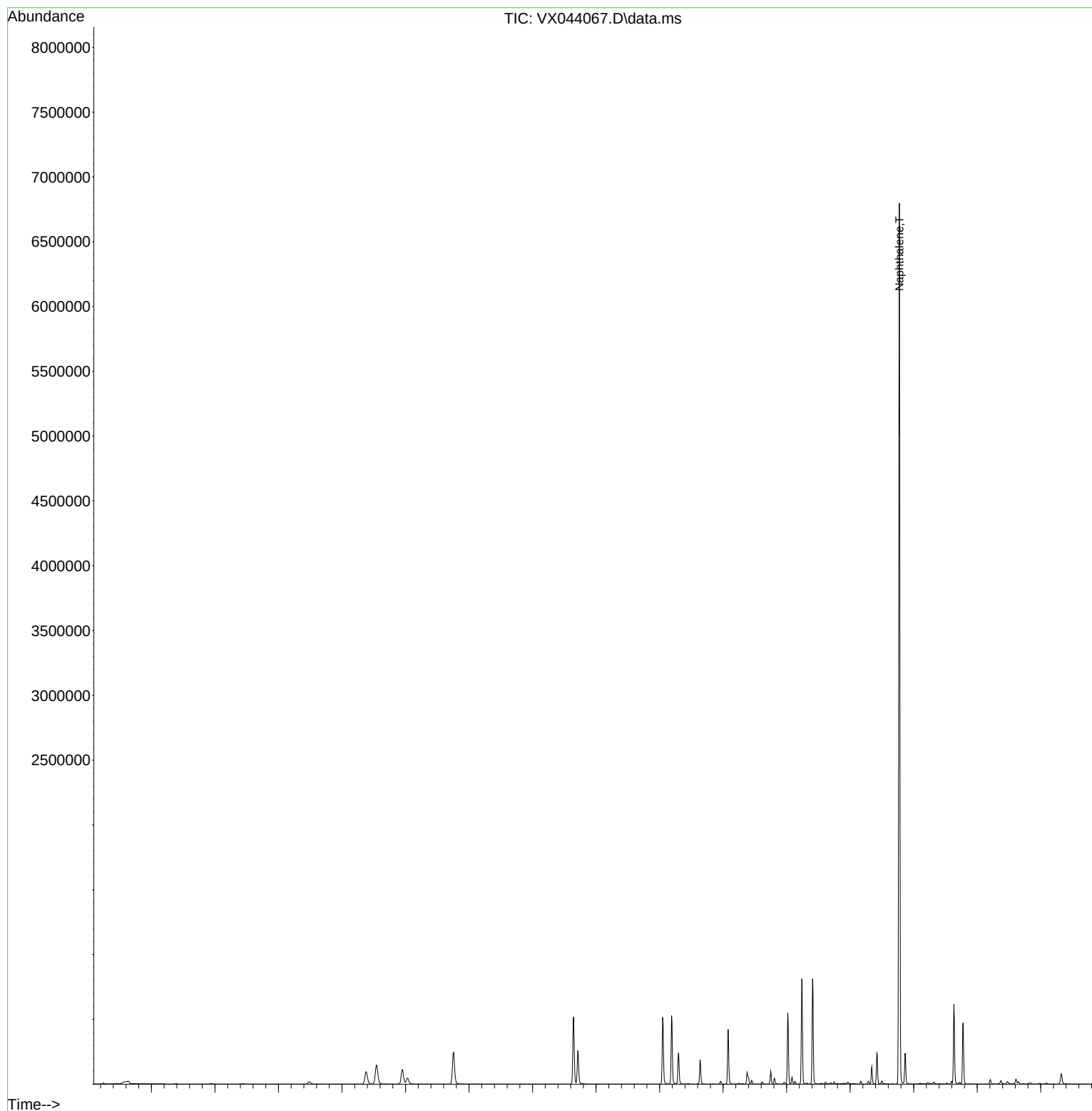
Internal Standards						
1) Pentafluorobenzene	5.544	168	127859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	242833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	215764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112108	51.121	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.240%			
35) Dibromofluoromethane	5.379	113	82402	47.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.980%			
50) Toluene-d8	8.647	98	306098	51.176	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.360%			
62) 4-Bromofluorobenzene	11.079	95	106724	52.429	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.860%			
Target Compounds						
27) cis-1,2-Dichloroethene	4.483	96	10955	5.826	ug/l	91
40) Benzene	6.031	78	55468	8.236	ug/l	99
52) Toluene	8.714	92	92198	22.871	ug/l	99
67) Ethyl Benzene	10.189	91	307165	38.253	ug/l	99
68) m/p-Xylenes	10.299	106	55282	18.461	ug/l	100
69) o-Xylene	10.640	106	38240	13.079	ug/l	97
73) Isopropylbenzene	10.963	105	11337	1.466	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	11840	1.861	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	40565	6.405	ug/l	99
95) Naphthalene	13.774	128	3739861	519.796	ug/l	99

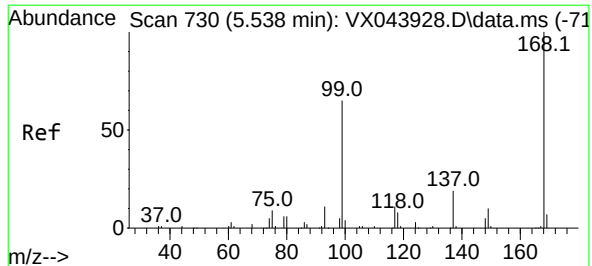
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044067.D
Acq On : 02 Dec 2024 15:38
Operator : JC/MD
Sample : P5001-09DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-2DL

Quant Time: Dec 03 00:22:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.006 min

Lab File: VX044067.D

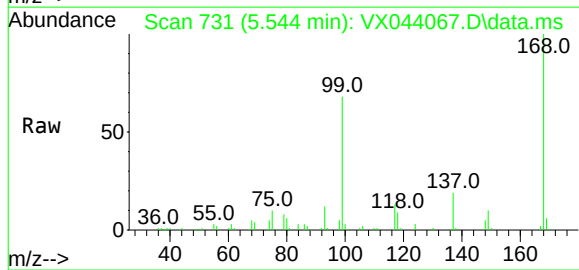
Acq: 02 Dec 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-2DL

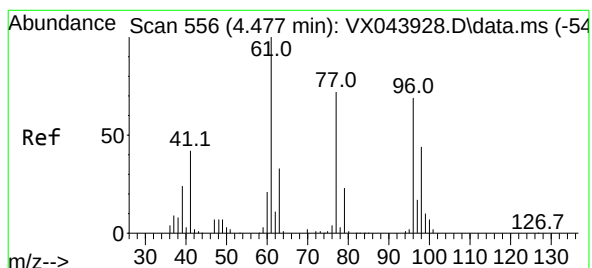
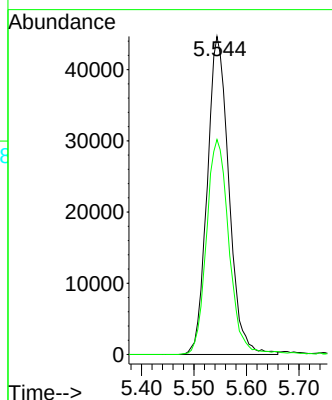
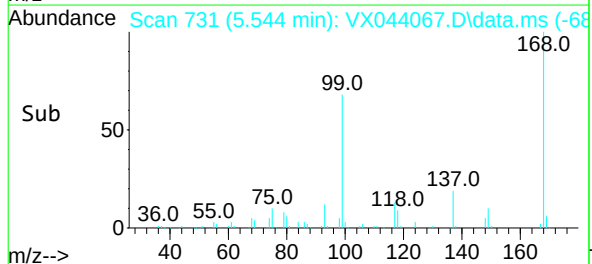


Tgt Ion:168 Resp: 127859

Ion Ratio Lower Upper

168 100

99 67.6 51.8 77.8



#27

cis-1,2-Dichloroethene

Concen: 5.826 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX044067.D

Acq: 02 Dec 2024 15:38

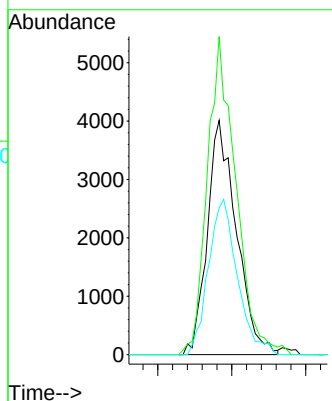
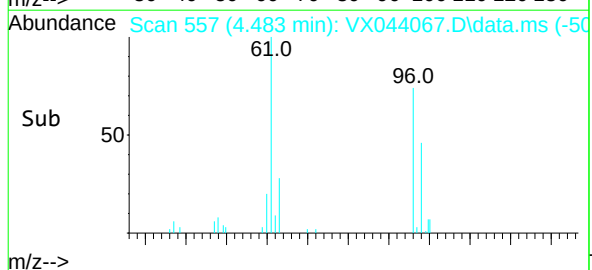
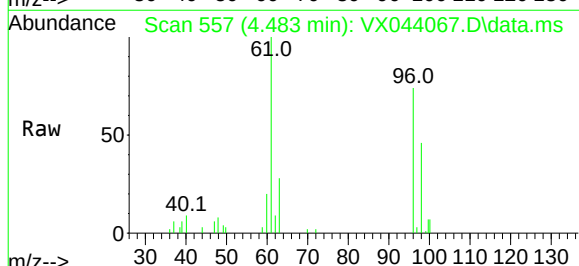
Tgt Ion: 96 Resp: 10955

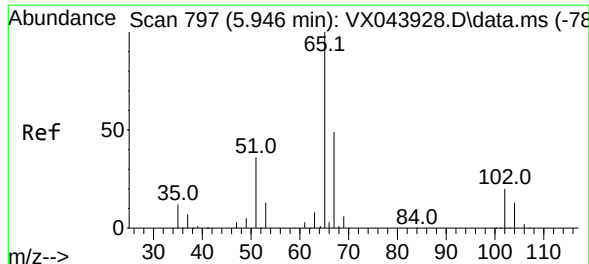
Ion Ratio Lower Upper

96 100

61 133.4 0.0 297.4

98 66.1 0.0 127.8

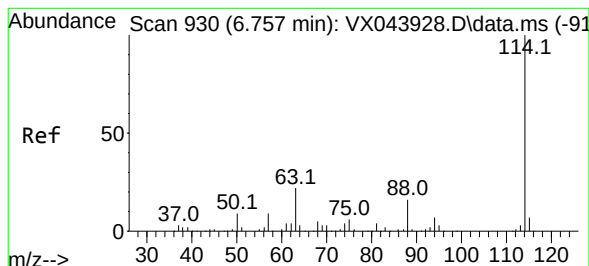
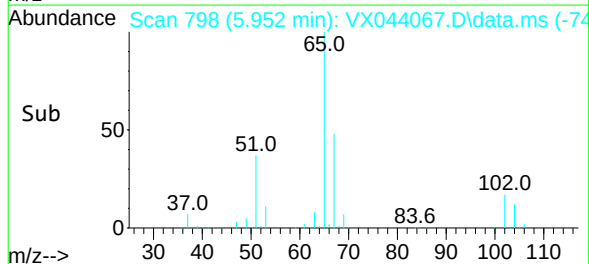
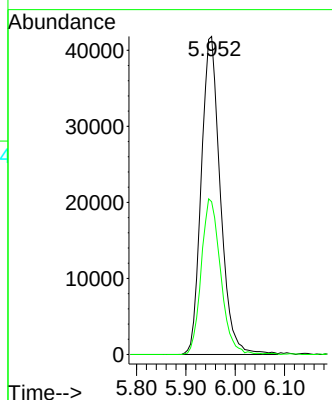
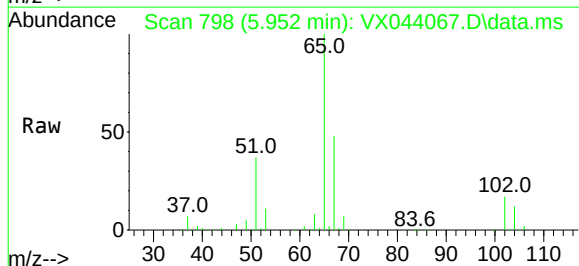




#33
1,2-Dichloroethane-d4
Concen: 51.121 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044067.D
Acq: 02 Dec 2024 15:38

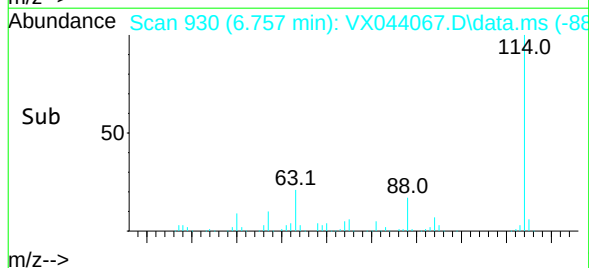
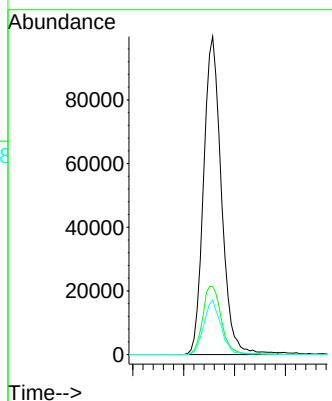
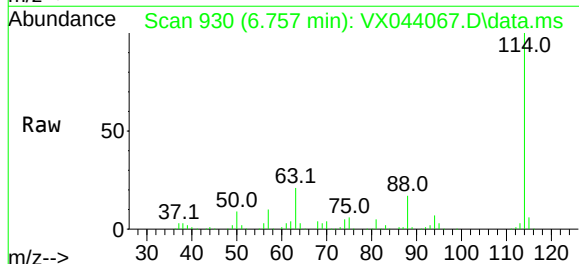
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-2DL

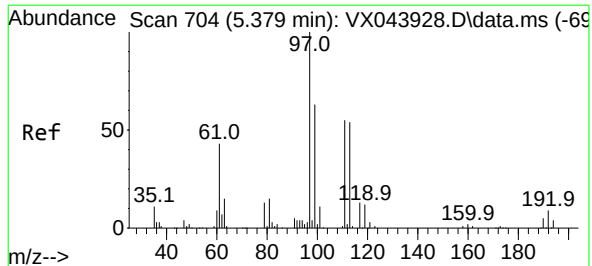
Tgt Ion: 65 Resp: 112108
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044067.D
Acq: 02 Dec 2024 15:38

Tgt Ion: 114 Resp: 242833
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 17.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.489 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044067.D

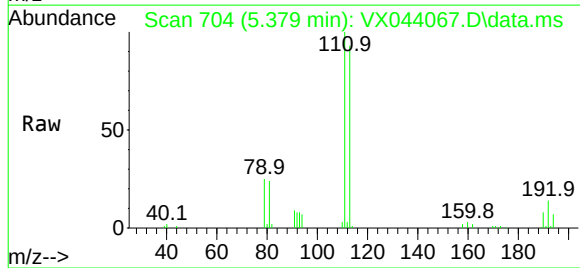
Acq: 02 Dec 2024 15:38

Instrument :

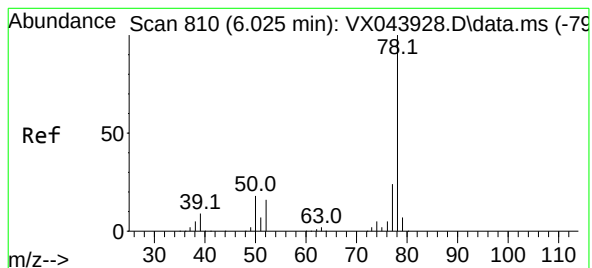
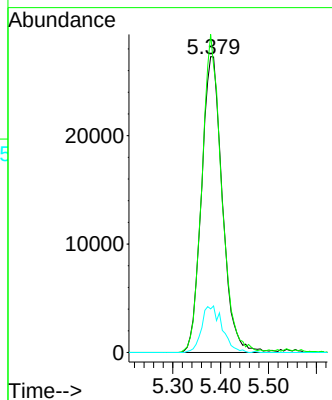
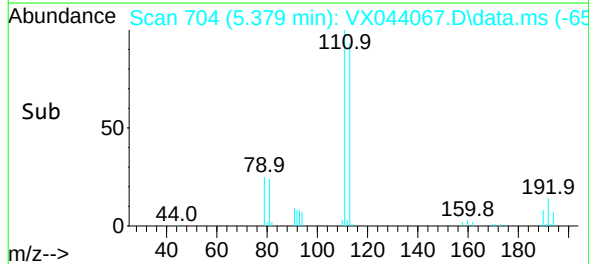
MSVOA_X

ClientSampleId :

SPLP-C3-2DL



Tgt Ion:	113	Resp:	82402
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.0	121.4
192	15.6	13.0	19.6



#40

Benzene

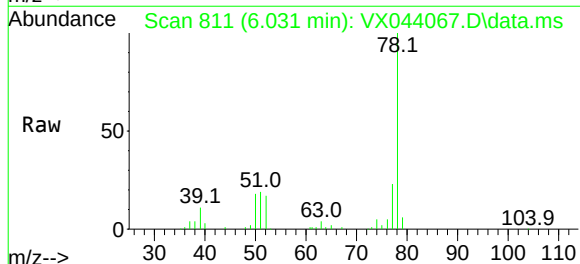
Concen: 8.236 ug/l

RT: 6.031 min Scan# 811

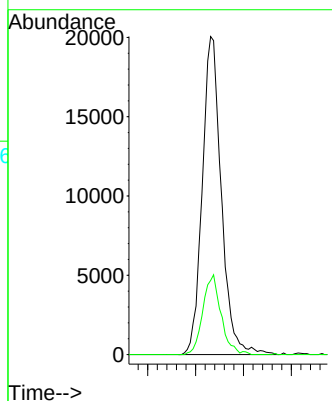
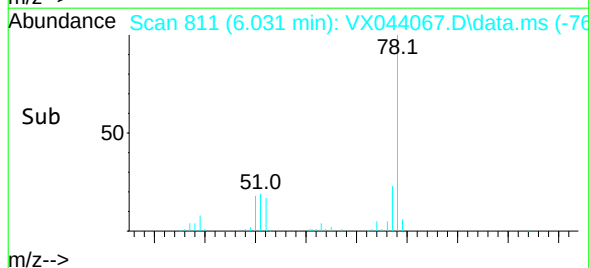
Delta R.T. 0.006 min

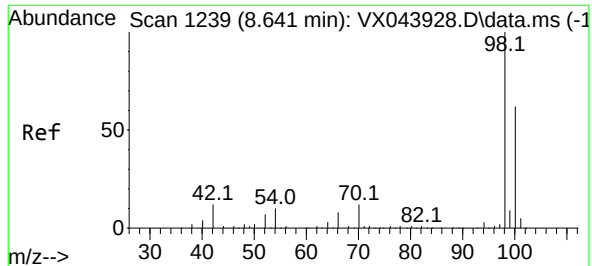
Lab File: VX044067.D

Acq: 02 Dec 2024 15:38



Tgt Ion:	78	Resp:	55468
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





#50

Toluene-d8

Concen: 51.176 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044067.D

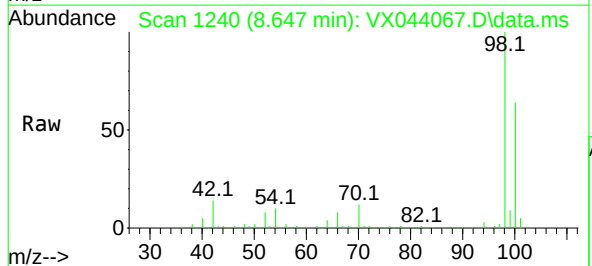
Acq: 02 Dec 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-2DL

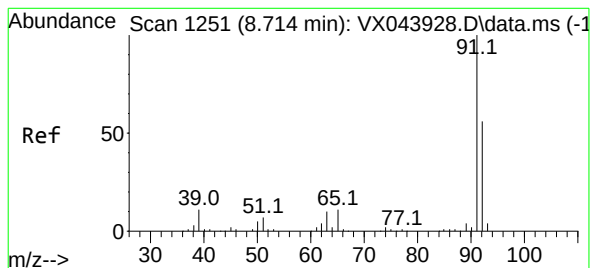
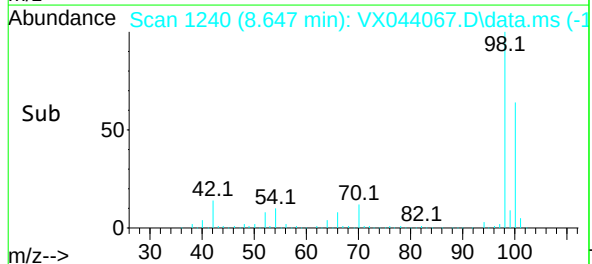
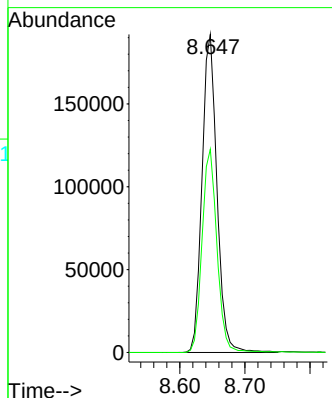


Tgt Ion: 98 Resp: 306098

Ion Ratio Lower Upper

98 100

100 63.8 52.6 79.0



#52

Toluene

Concen: 22.871 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044067.D

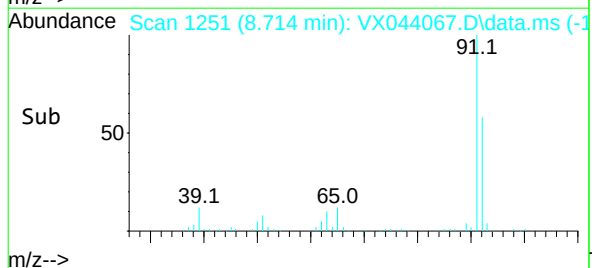
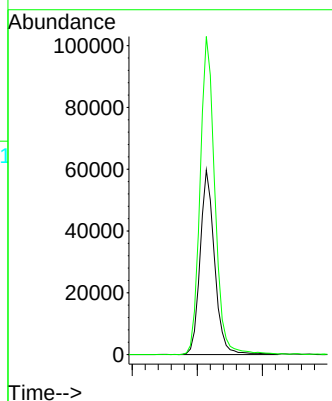
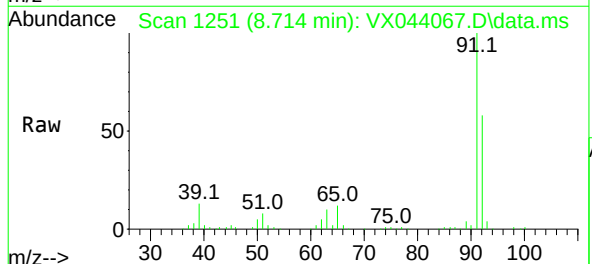
Acq: 02 Dec 2024 15:38

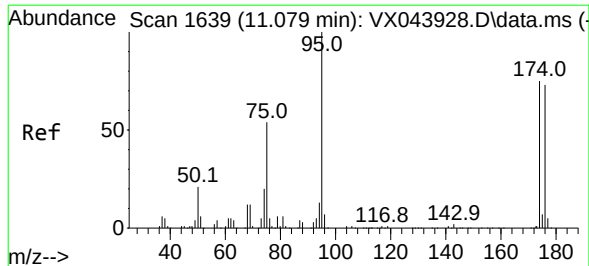
Tgt Ion: 92 Resp: 92198

Ion Ratio Lower Upper

92 100

91 176.2 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 52.429 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044067.D

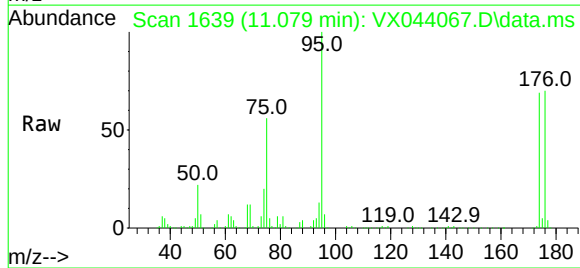
Acq: 02 Dec 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-2DL



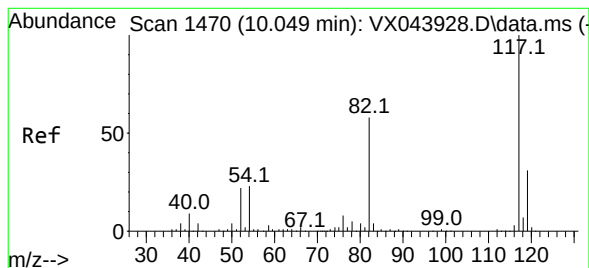
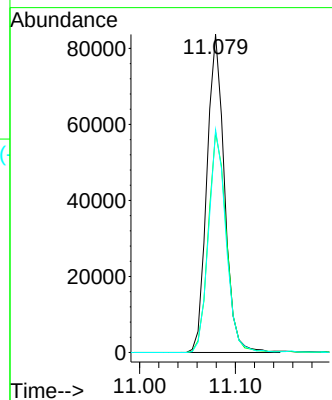
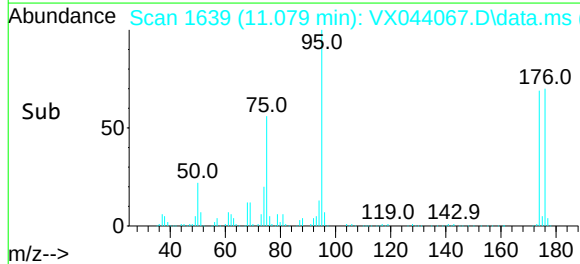
Tgt Ion: 95 Resp: 106724

Ion Ratio Lower Upper

95 100

174 71.3 0.0 150.4

176 69.5 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044067.D

Acq: 02 Dec 2024 15:38

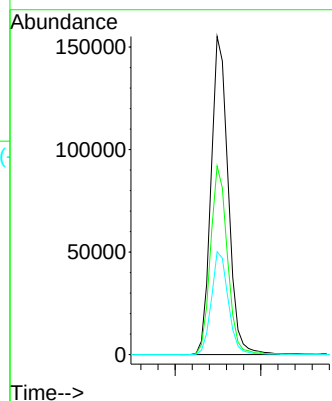
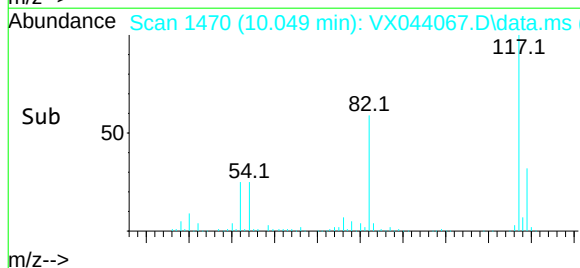
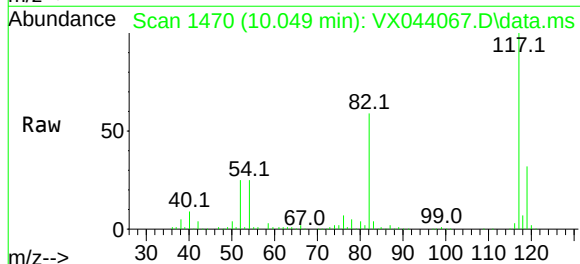
Tgt Ion: 117 Resp: 215764

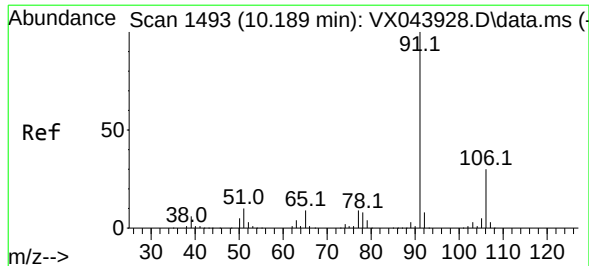
Ion Ratio Lower Upper

117 100

82 59.3 46.4 69.6

119 32.3 24.6 37.0





#67

Ethyl Benzene

Concen: 38.253 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044067.D

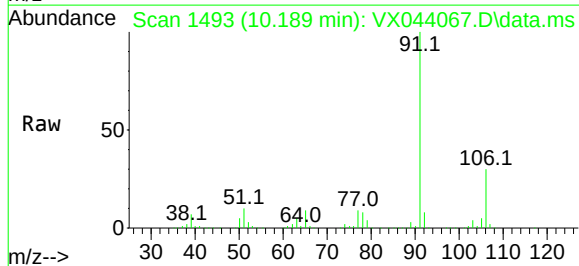
Acq: 02 Dec 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-2DL

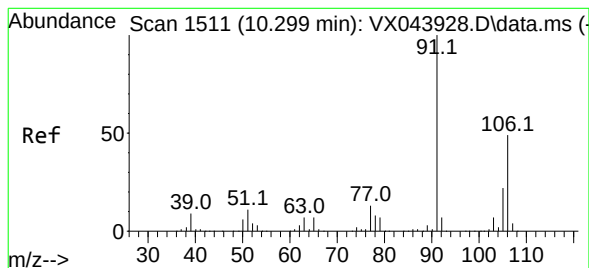
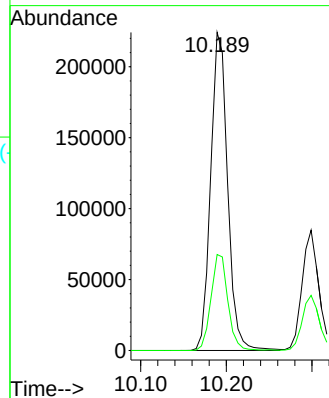
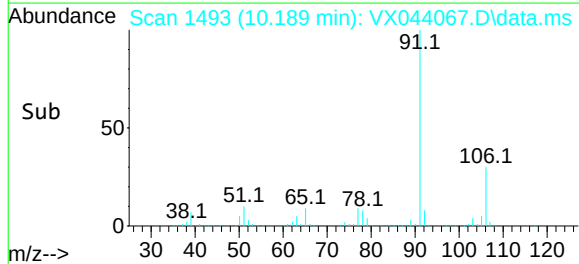


Tgt Ion: 91 Resp: 307165

Ion Ratio Lower Upper

91 100

106 30.2 23.6 35.4



#68

m/p-Xylenes

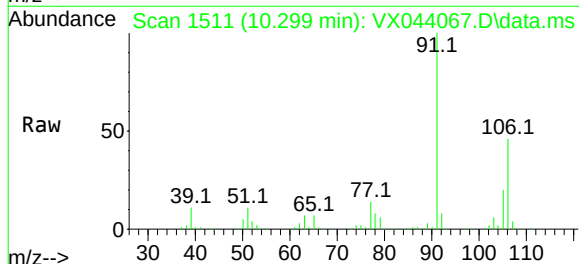
Concen: 18.461 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044067.D

Acq: 02 Dec 2024 15:38

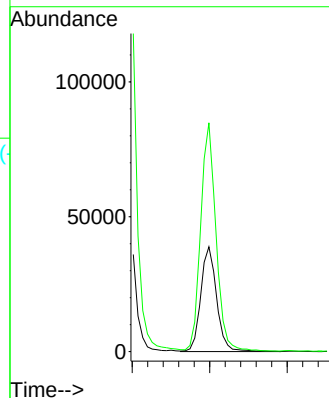
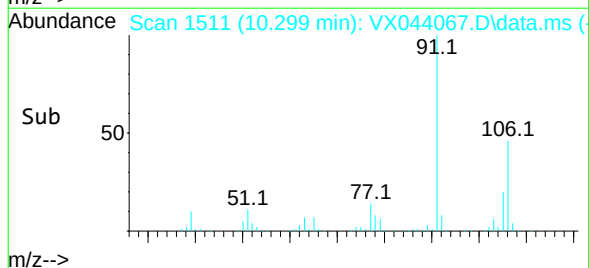


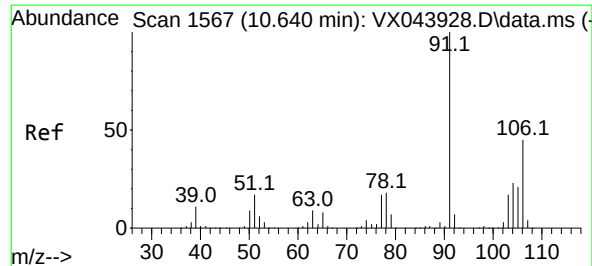
Tgt Ion: 106 Resp: 55282

Ion Ratio Lower Upper

106 100

91 209.9 168.1 252.1





#69

o-Xylene

Concen: 13.079 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044067.D

Acq: 02 Dec 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

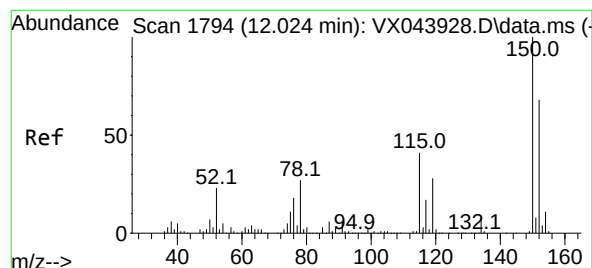
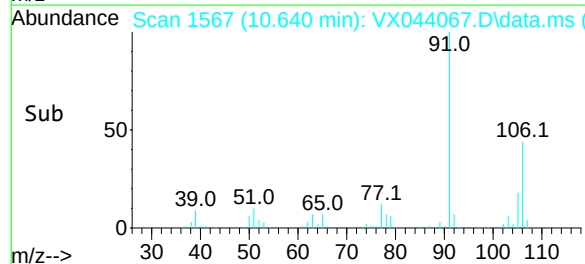
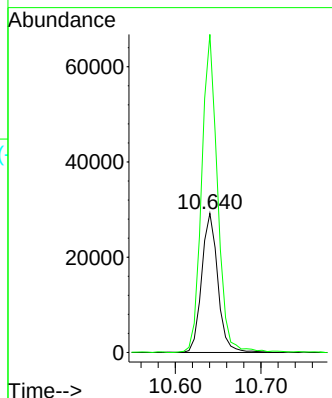
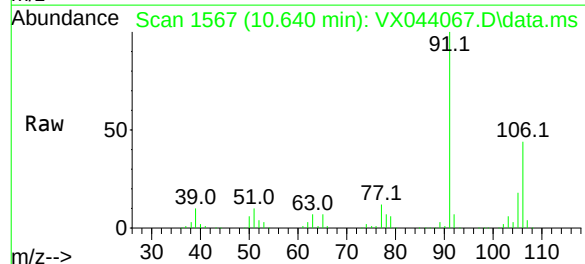
SPLP-C3-2DL

Tgt Ion:106 Resp: 38240

Ion Ratio Lower Upper

106 100

91 225.1 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044067.D

Acq: 02 Dec 2024 15:38

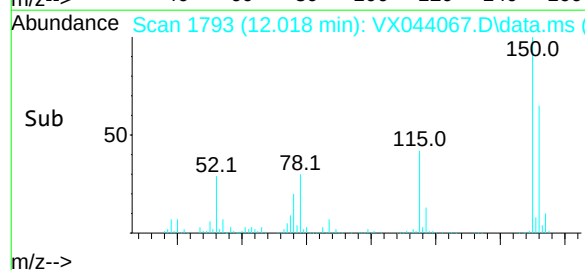
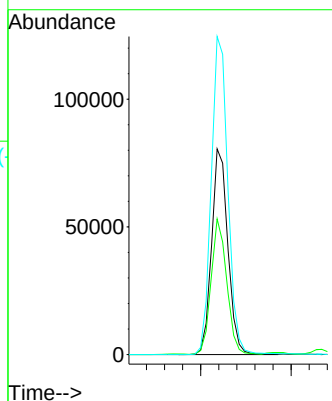
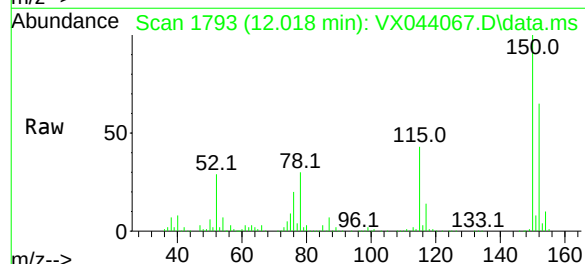
Tgt Ion:152 Resp: 100587

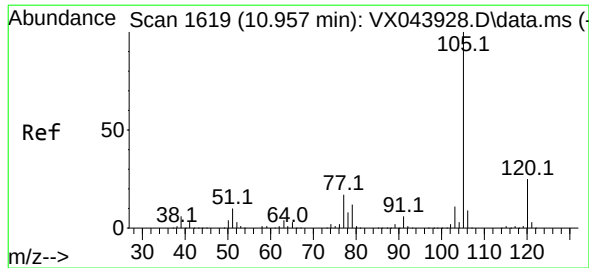
Ion Ratio Lower Upper

152 100

115 63.3 45.4 136.2

150 158.5 0.0 353.0





#73

Isopropylbenzene

Concen: 1.466 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044067.D

Acq: 02 Dec 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

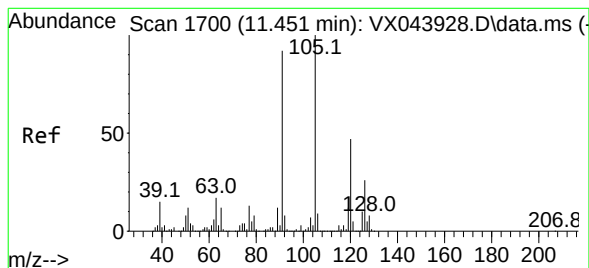
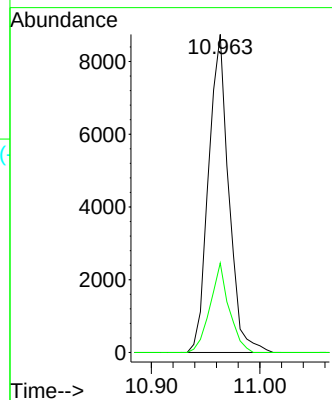
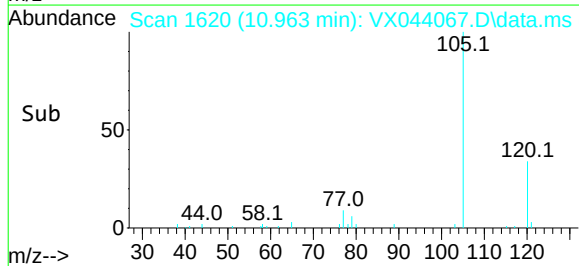
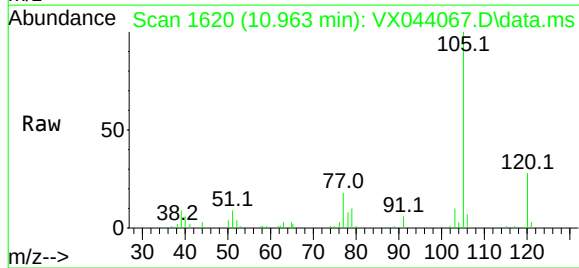
SPLP-C3-2DL

Tgt Ion:105 Resp: 11337

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.861 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044067.D

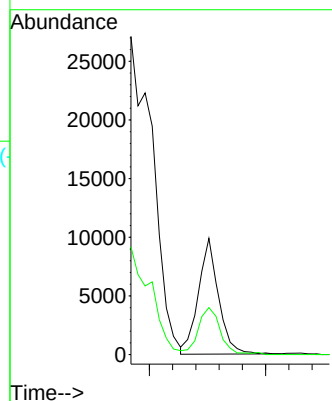
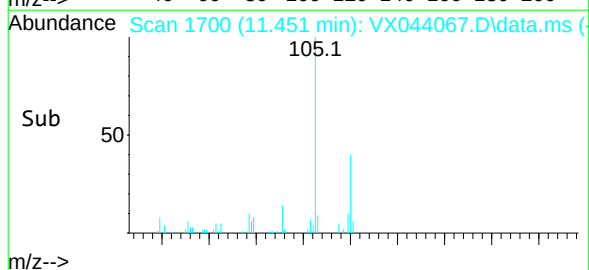
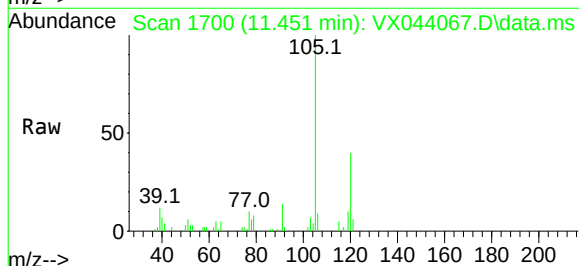
Acq: 02 Dec 2024 15:38

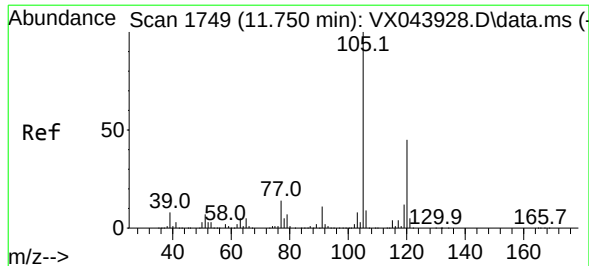
Tgt Ion:105 Resp: 11840

Ion Ratio Lower Upper

105 100

120 44.7 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 6.405 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044067.D

Acq: 02 Dec 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

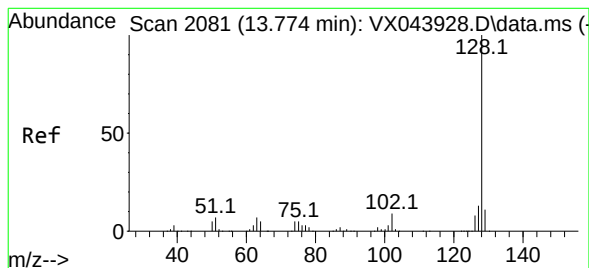
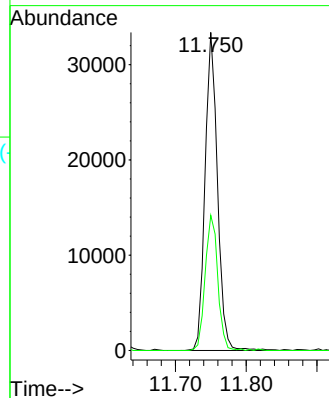
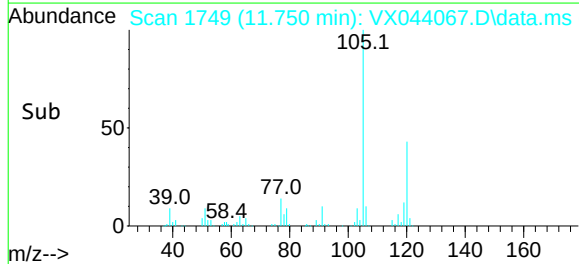
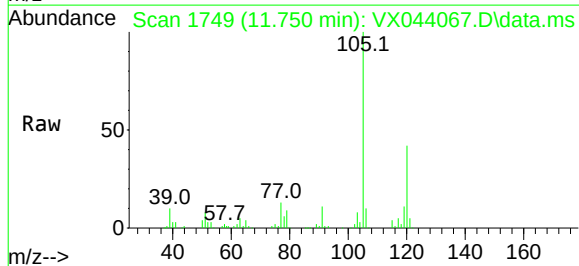
SPLP-C3-2DL

Tgt Ion:105 Resp: 40565

Ion Ratio Lower Upper

105 100

120 43.4 21.9 65.7



#95

Naphthalene

Concen: 519.796 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044067.D

Acq: 02 Dec 2024 15:38

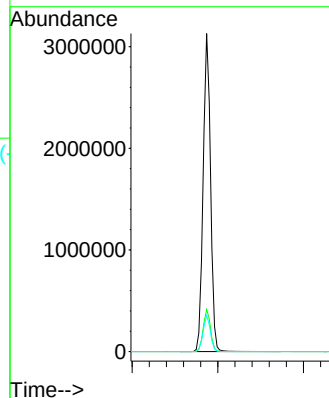
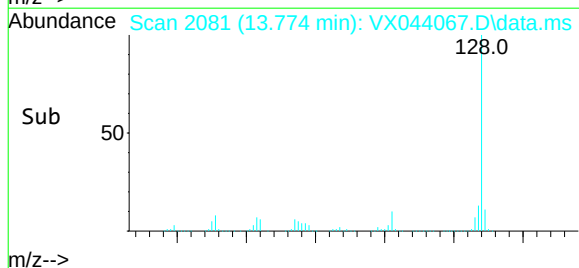
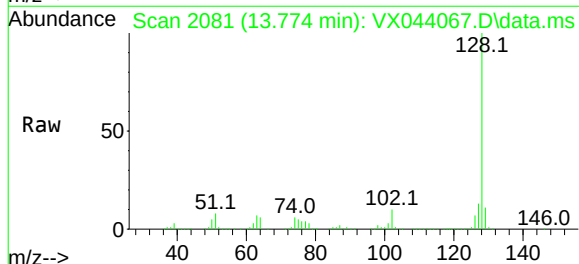
Tgt Ion:128 Resp: 3739861

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.2 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-3	SDG No.:	P5001
Lab Sample ID:	P5001-10	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	SPLP VOA

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044039.D	1		11/27/24 14:39	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	12.1	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	8.00		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	52.0		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	74.3		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-3	SDG No.:	P5001
Lab Sample ID:	P5001-10	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044039.D	1		11/27/24 14:39	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	320	E	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	120		0.31	10.0	ug/L
95-47-6	o-Xylene	100		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	14.1		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.4		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	30.1	*	70 (75) - 130 (124)	60%	SPK: 50
2037-26-5	Toluene-d8	50.3		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	115000	5.549			
540-36-3	1,4-Difluorobenzene	221000	6.757			
3114-55-4	Chlorobenzene-d5	196000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	90500	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/25/24	
Client Sample ID:	SPLP-C3-3		SDG No.:	P5001	
Lab Sample ID:	P5001-10		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044039.D	1		11/27/24 14:39	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044039.D
 Acq On : 27 Nov 2024 14:39
 Operator : JC/MD
 Sample : P5001-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C3-3

Quant Time: Nov 28 00:48:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	T. QIon	Response	Conc	Units	Dev(Min)

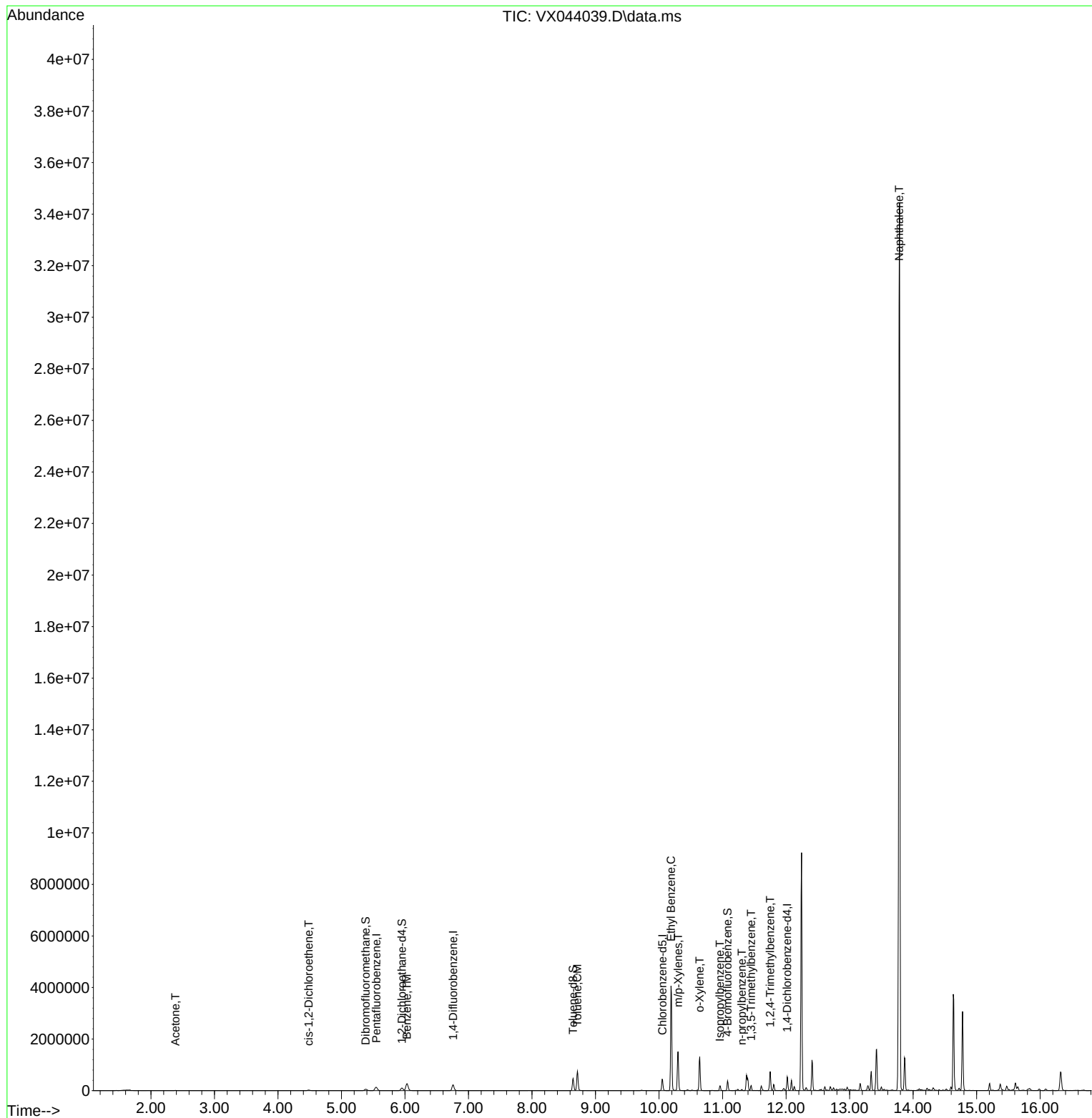
Internal Standards						
1) Pentafluorobenzene	5.549	168	114924	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	221134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101369	51.427	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.860%		
35) Dibromofluoromethane	5.379	113	47618	30.136	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 60.280%#		
50) Toluene-d8	8.646	98	274097	50.322	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.640%		
62) 4-Bromofluorobenzene	11.079	95	96086	51.835	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.660%		
Target Compounds						Qvalue
16) Acetone	2.385	43	10943	12.087	ug/l	89
27) cis-1,2-Dichloroethene	4.483	96	13439	7.952	ug/l	91
40) Benzene	6.031	78	319156	52.036	ug/l	98
52) Toluene	8.713	92	272927	74.347	ug/l	99
67) Ethyl Benzene	10.189	91	2313152	317.122	ug/l	99
68) m/p-Xylenes	10.299	106	328414	120.733	ug/l	98
69) o-Xylene	10.640	106	265526	99.977	ug/l	97
73) Isopropylbenzene	10.957	105	98161	14.109	ug/l	98
78) n-propylbenzene	11.304	91	25637	3.299	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	82555	14.423	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	298619	52.404	ug/l	100
95) Naphthalene	13.780	128	15405454	2379.670	ug/l #	78

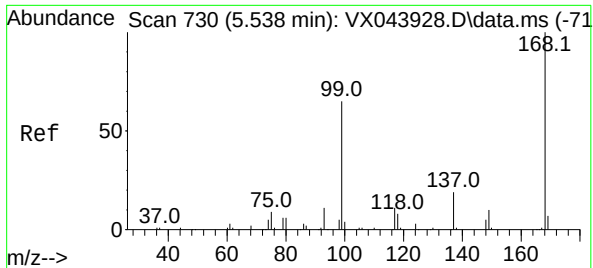
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044039.D
Acq On : 27 Nov 2024 14:39
Operator : JC/MD
Sample : P5001-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-3

Quant Time: Nov 28 00:48:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

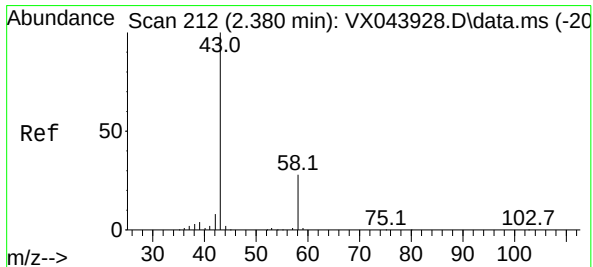
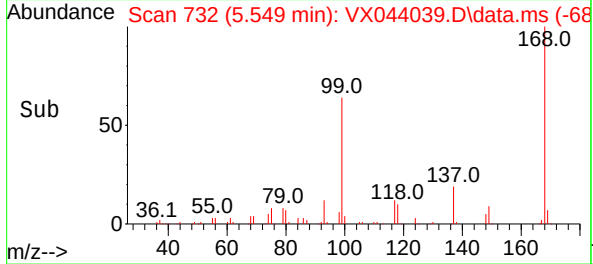
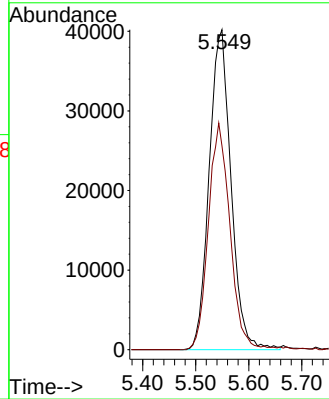
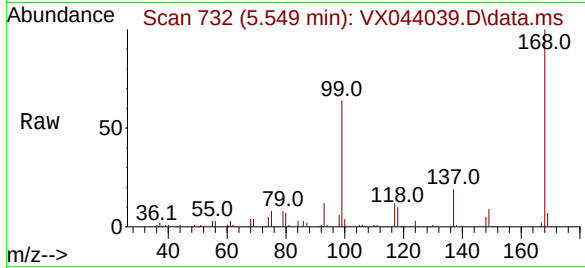




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.011 min
Lab File: VX044039.D
Acq: 27 Nov 2024 14:39

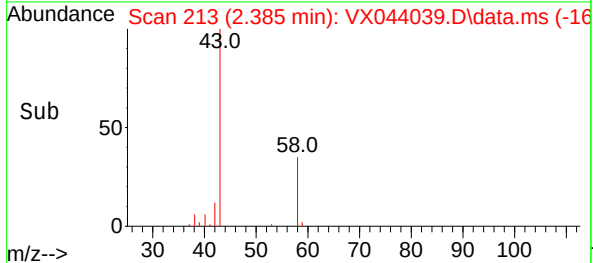
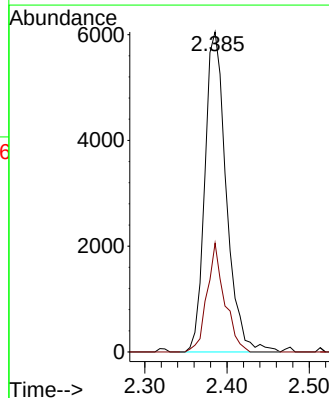
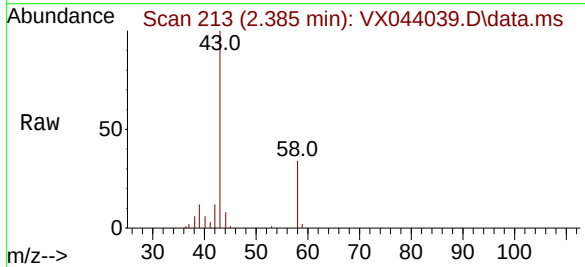
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-3

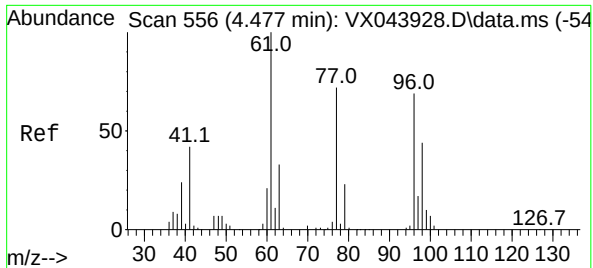
Tgt Ion:168 Resp: 114924
Ion Ratio Lower Upper
168 100
99 63.7 51.8 77.8



#16
Acetone
Concen: 12.087 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044039.D
Acq: 27 Nov 2024 14:39

Tgt Ion: 43 Resp: 10943
Ion Ratio Lower Upper
43 100
58 34.0 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 7.952 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044039.D

Acq: 27 Nov 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-3

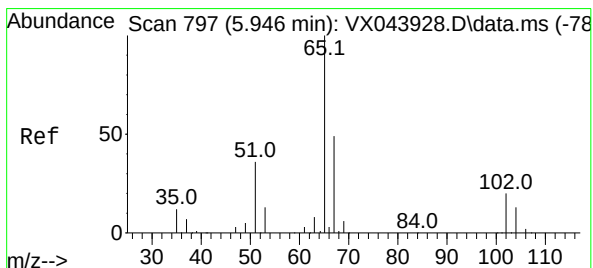
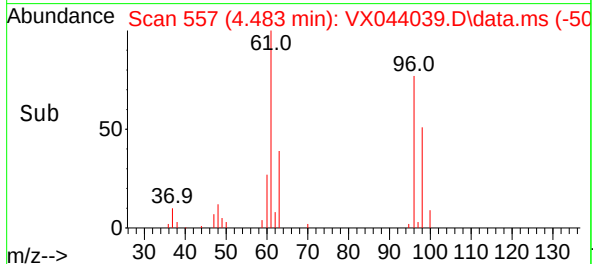
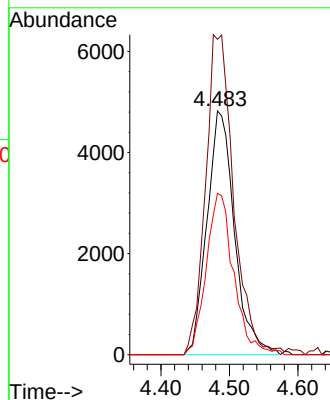
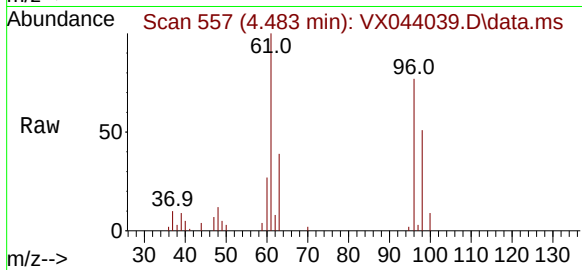
Tgt Ion: 96 Resp: 13439

Ion Ratio Lower Upper

96 100

61 134.2 0.0 297.4

98 66.1 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 51.427 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044039.D

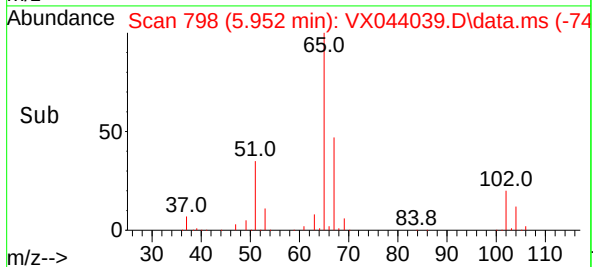
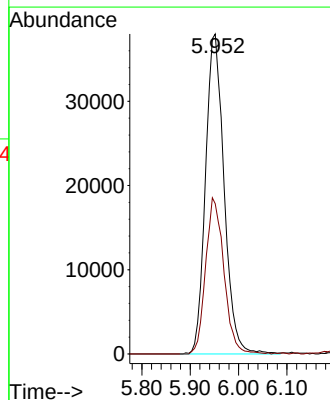
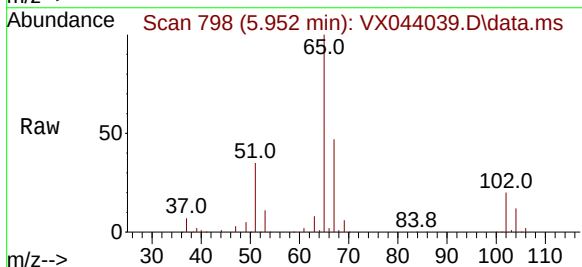
Acq: 27 Nov 2024 14:39

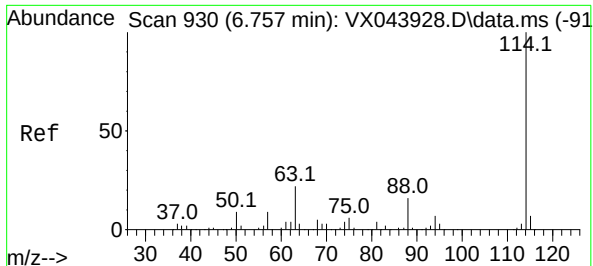
Tgt Ion: 65 Resp: 101369

Ion Ratio Lower Upper

65 100

67 48.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.001 min

Lab File: VX044039.D

Acq: 27 Nov 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-3

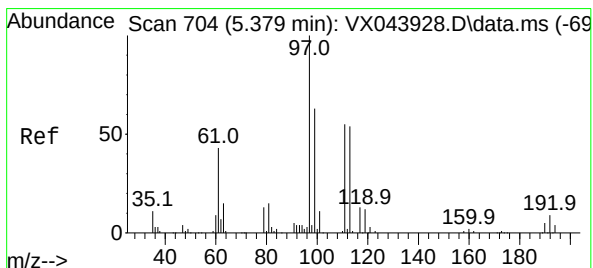
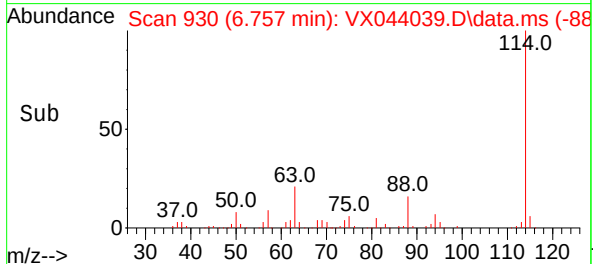
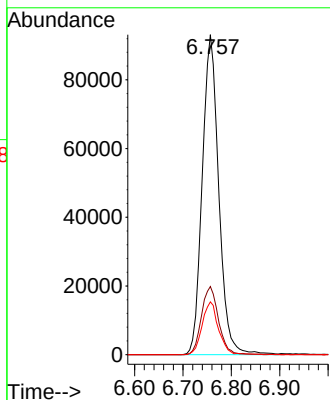
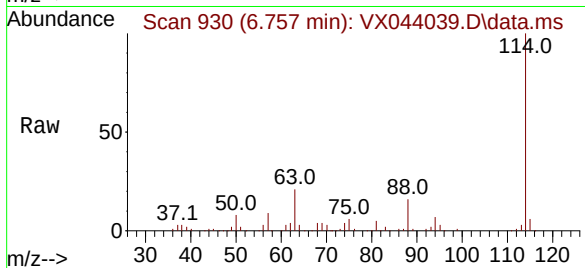
Tgt Ion:114 Resp: 221134

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.0

88 16.5 0.0 32.4



#35

Dibromofluoromethane

Concen: 30.136 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044039.D

Acq: 27 Nov 2024 14:39

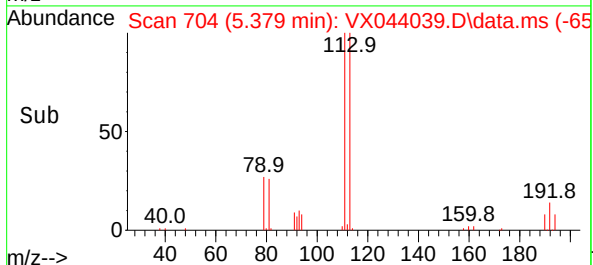
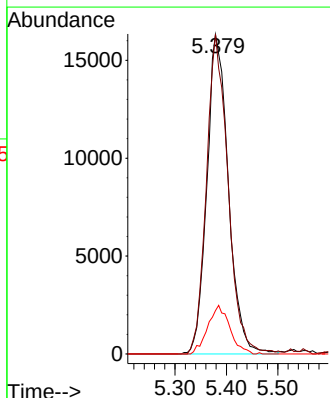
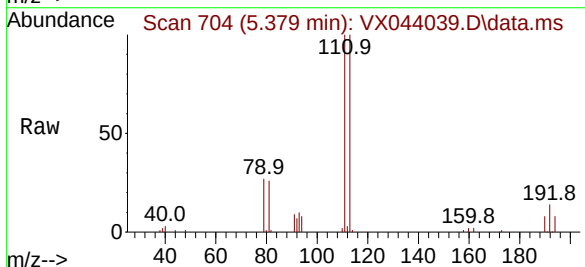
Tgt Ion:113 Resp: 47618

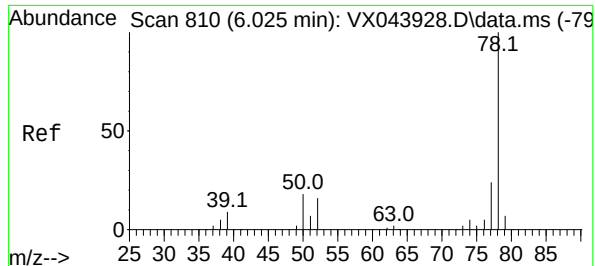
Ion Ratio Lower Upper

113 100

111 100.1 81.0 121.4

192 15.5 13.0 19.6





#40

Benzene

Concen: 52.036 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044039.D

Acq: 27 Nov 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

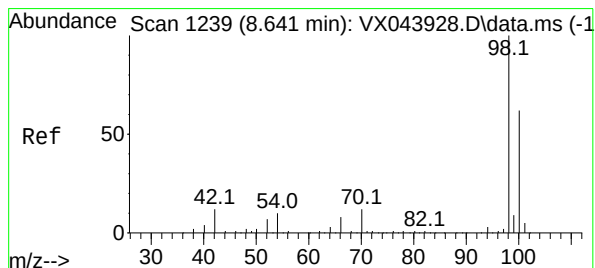
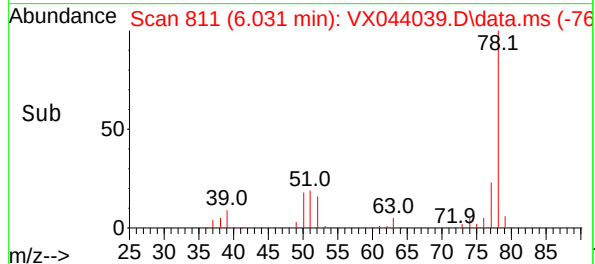
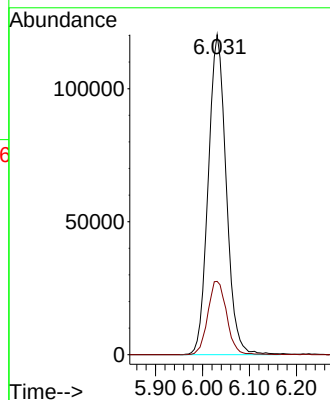
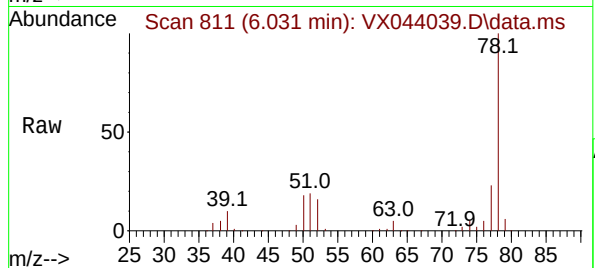
SPLP-C3-3

Tgt Ion: 78 Resp: 319156

Ion Ratio Lower Upper

78 100

77 22.9 19.2 28.8



#50

Toluene-d8

Concen: 50.322 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044039.D

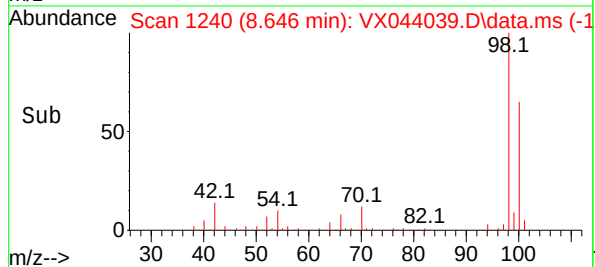
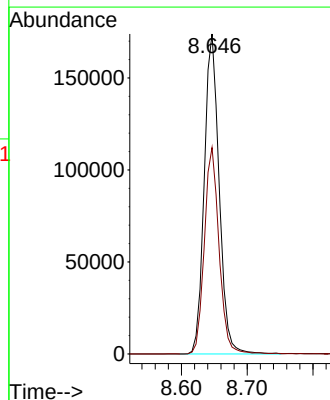
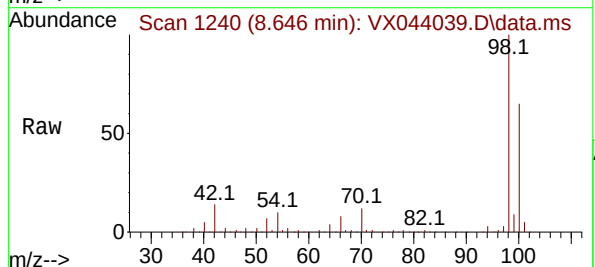
Acq: 27 Nov 2024 14:39

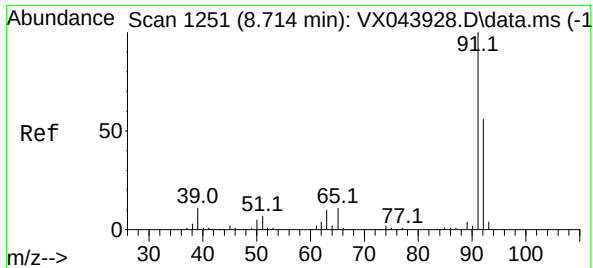
Tgt Ion: 98 Resp: 274097

Ion Ratio Lower Upper

98 100

100 63.7 52.6 79.0





#52

Toluene

Concen: 74.347 ug/l

RT: 8.713 min Scan# 1251

Delta R.T. -0.001 min

Lab File: VX044039.D

Acq: 27 Nov 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

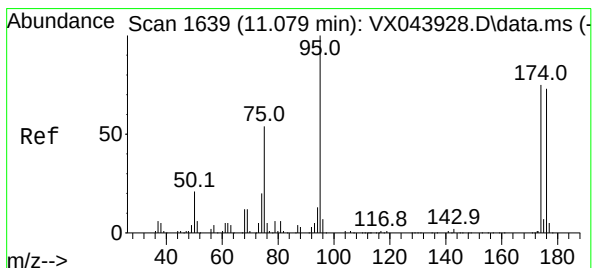
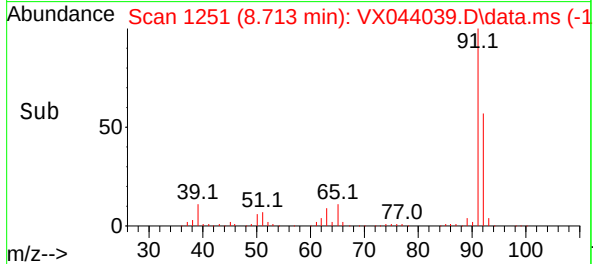
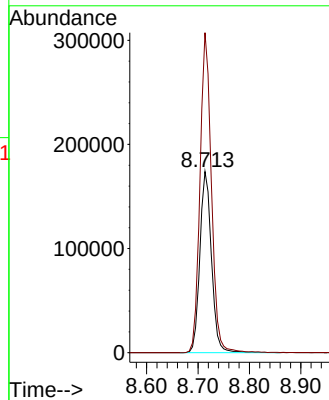
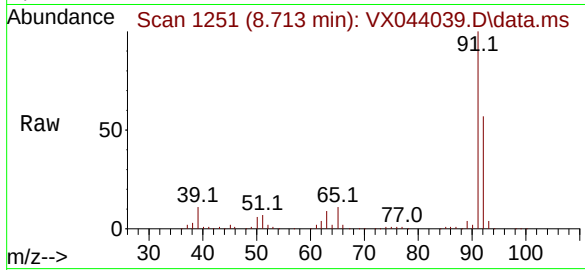
SPLP-C3-3

Tgt Ion: 92 Resp: 272927

Ion Ratio Lower Upper

92 100

91 173.7 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 51.835 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044039.D

Acq: 27 Nov 2024 14:39

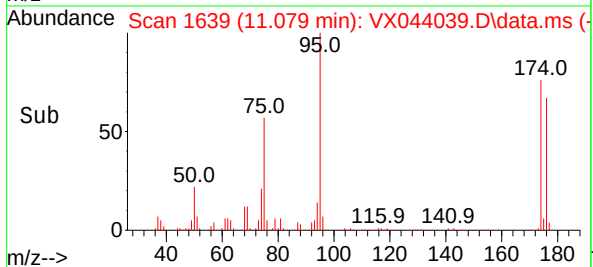
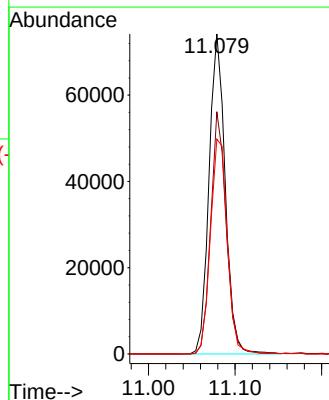
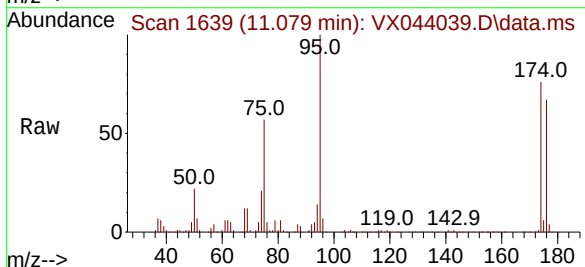
Tgt Ion: 95 Resp: 96086

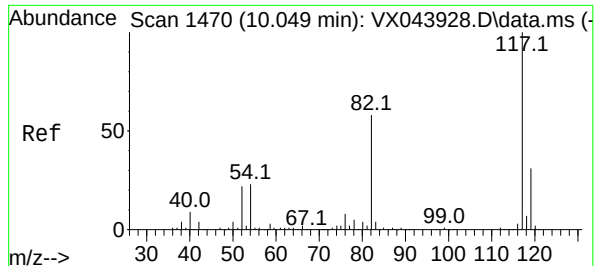
Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.4

176 70.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044039.D

Acq: 27 Nov 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-3

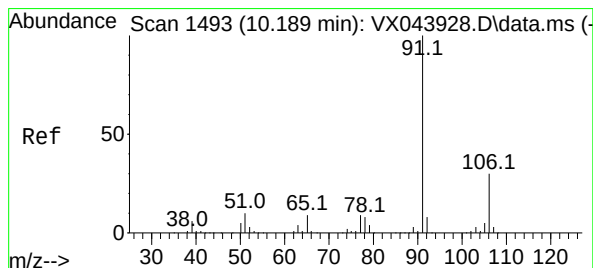
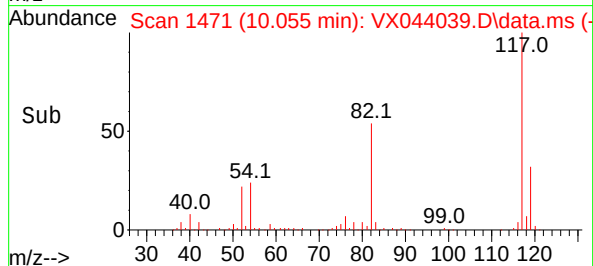
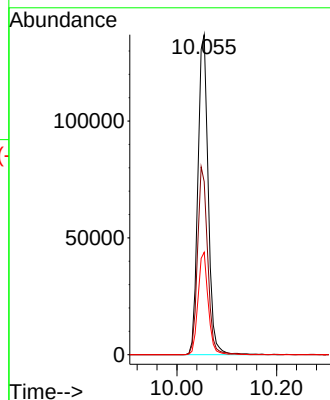
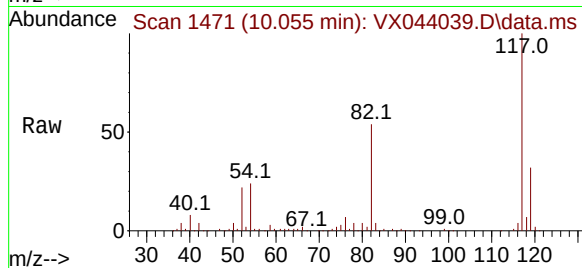
Tgt Ion:117 Resp: 195996

Ion Ratio Lower Upper

117 100

82 54.1 46.4 69.6

119 32.0 24.6 37.0



#67

Ethyl Benzene

Concen: 317.122 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044039.D

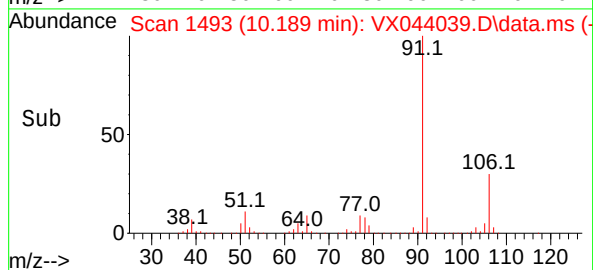
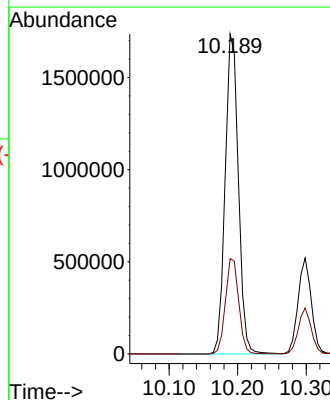
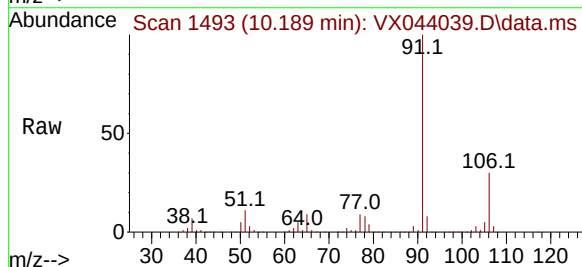
Acq: 27 Nov 2024 14:39

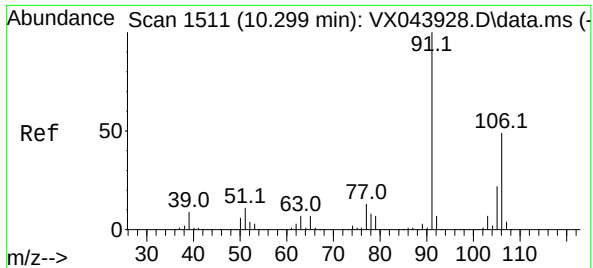
Tgt Ion: 91 Resp: 2313152

Ion Ratio Lower Upper

91 100

106 29.8 23.6 35.4





#68

m/p-Xylenes

Concen: 120.733 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.001 min

Lab File: VX044039.D

Acq: 27 Nov 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

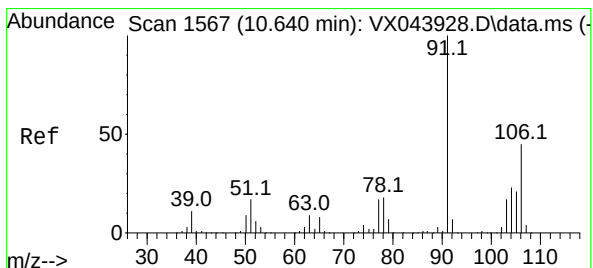
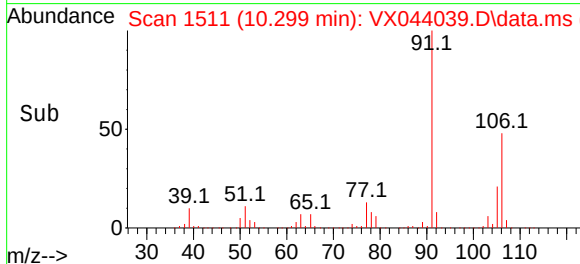
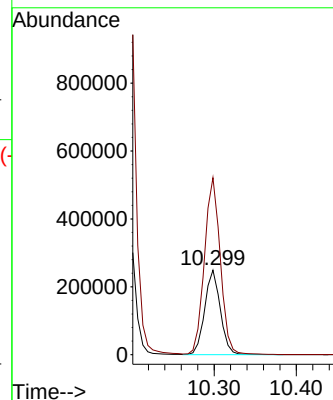
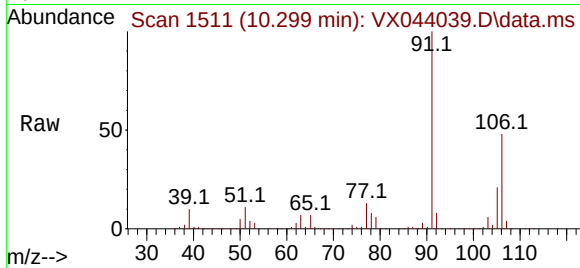
SPLP-C3-3

Tgt Ion:106 Resp: 328414

Ion Ratio Lower Upper

106 100

91 213.2 168.1 252.1



#69

o-Xylene

Concen: 99.977 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VX044039.D

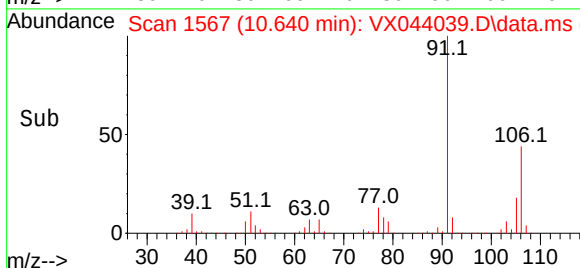
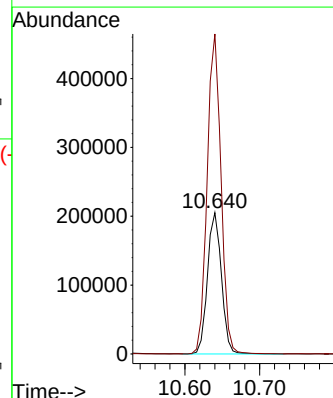
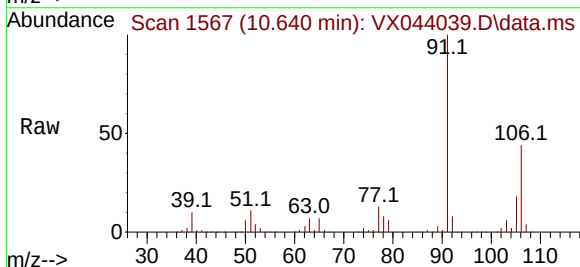
Acq: 27 Nov 2024 14:39

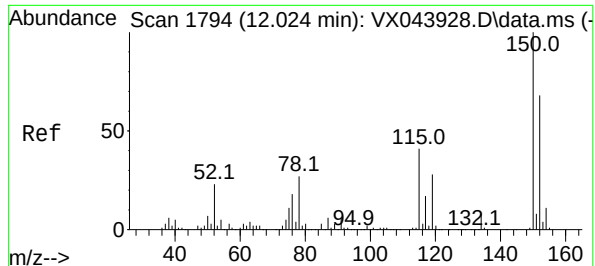
Tgt Ion:106 Resp: 265526

Ion Ratio Lower Upper

106 100

91 224.5 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.007 min

Lab File: VX044039.D

Acq: 27 Nov 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-3

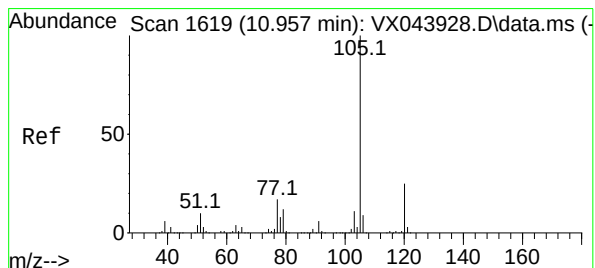
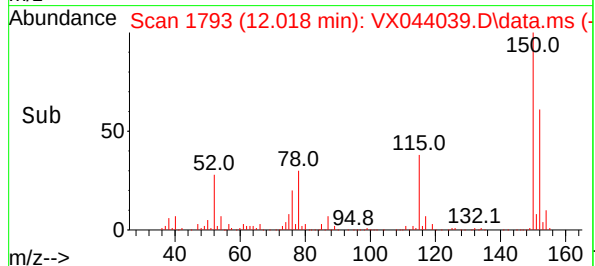
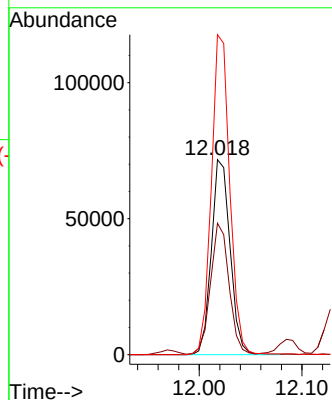
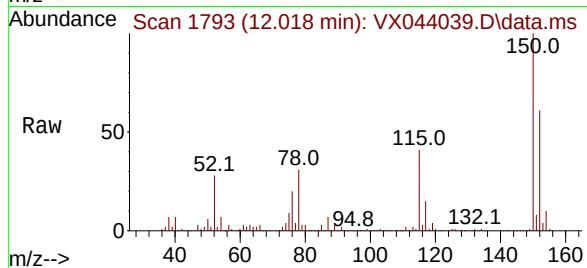
Tgt Ion:152 Resp: 90506

Ion Ratio Lower Upper

152 100

115 66.1 45.4 136.2

150 161.3 0.0 353.0



#73

Isopropylbenzene

Concen: 14.109 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.001 min

Lab File: VX044039.D

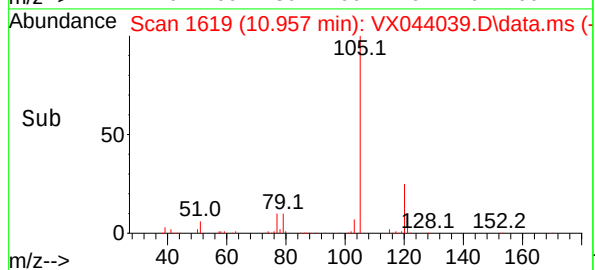
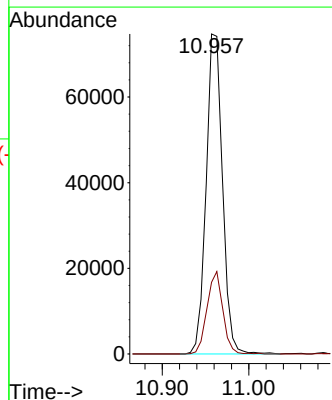
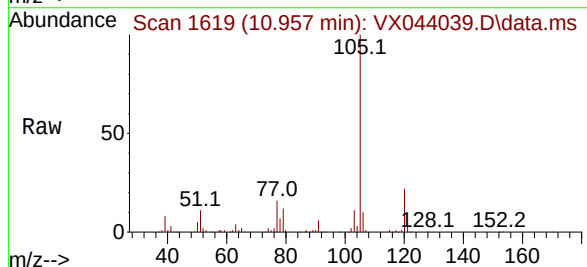
Acq: 27 Nov 2024 14:39

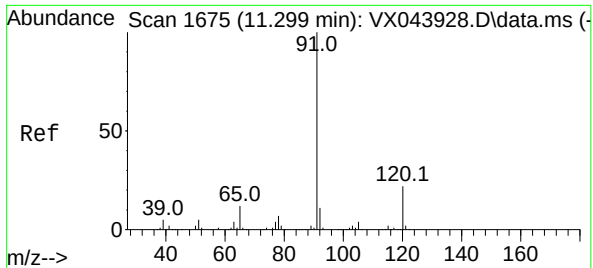
Tgt Ion:105 Resp: 98161

Ion Ratio Lower Upper

105 100

120 24.8 13.0 38.9





#78

n-propylbenzene

Concen: 3.299 ug/l

RT: 11.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044039.D

Acq: 27 Nov 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

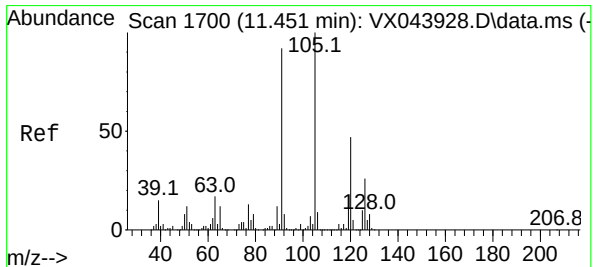
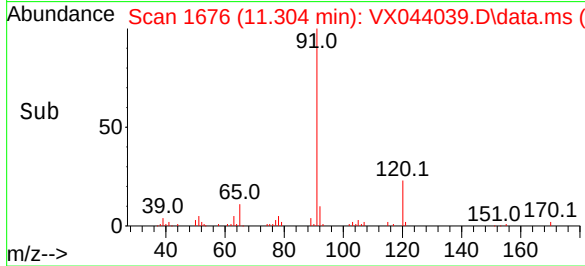
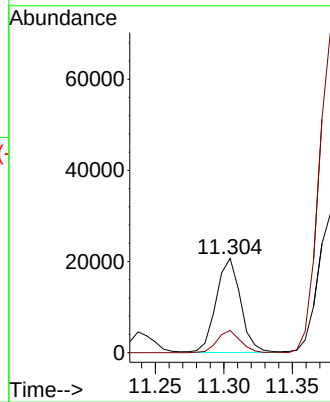
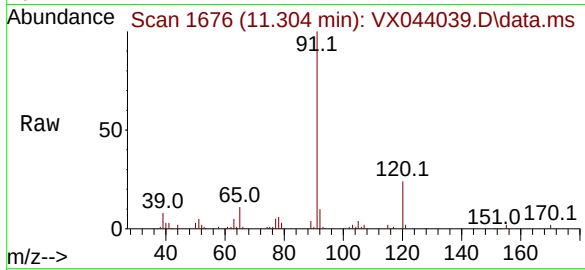
SPLP-C3-3

Tgt Ion: 91 Resp: 25637

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 14.423 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044039.D

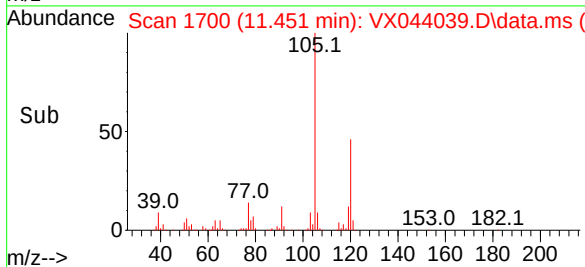
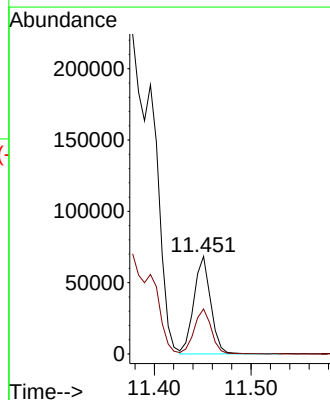
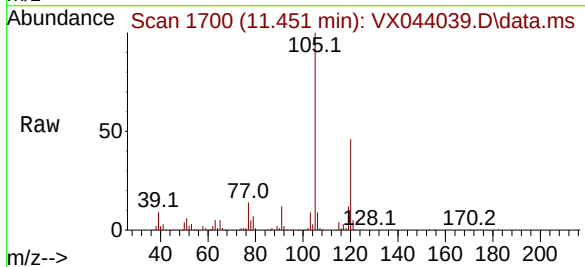
Acq: 27 Nov 2024 14:39

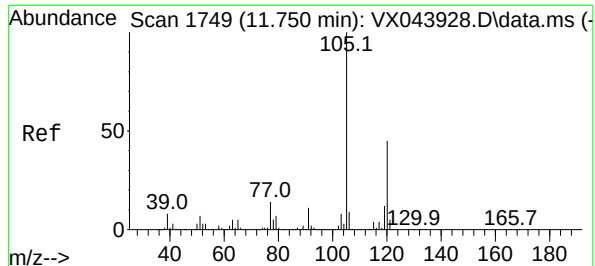
Tgt Ion: 105 Resp: 82555

Ion Ratio Lower Upper

105 100

120 47.1 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 52.404 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044039.D

Acq: 27 Nov 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

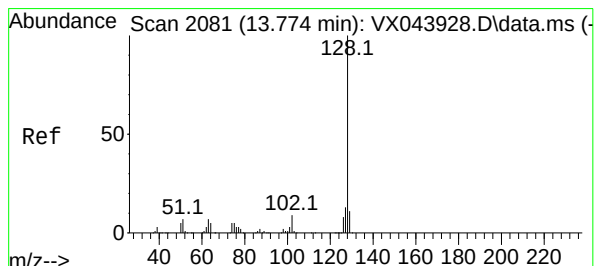
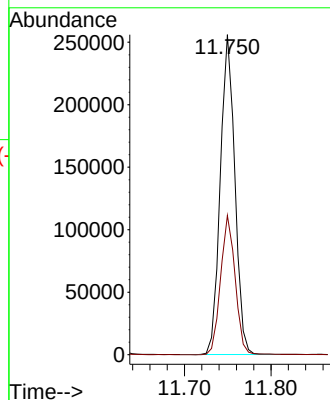
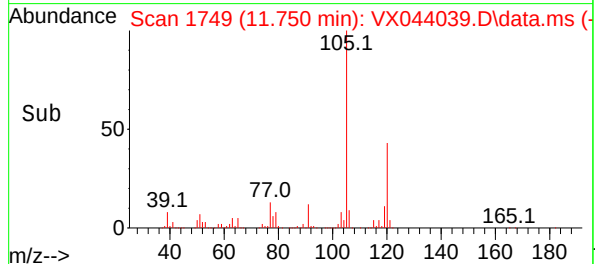
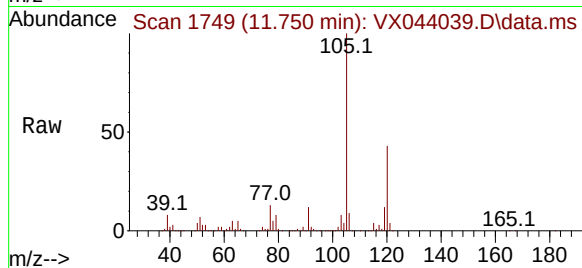
SPLP-C3-3

Tgt Ion:105 Resp: 298619

Ion Ratio Lower Upper

105 100

120 43.5 21.9 65.7



#95

Naphthalene

Concen: 2379.670 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044039.D

Acq: 27 Nov 2024 14:39

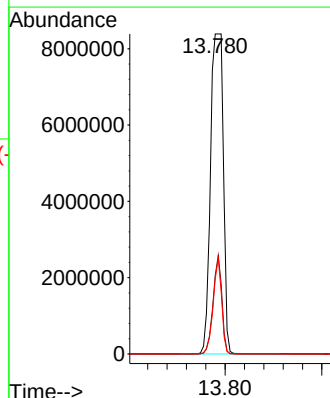
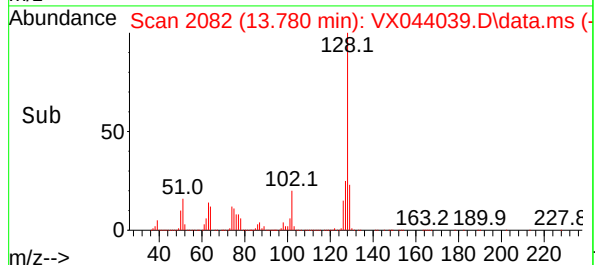
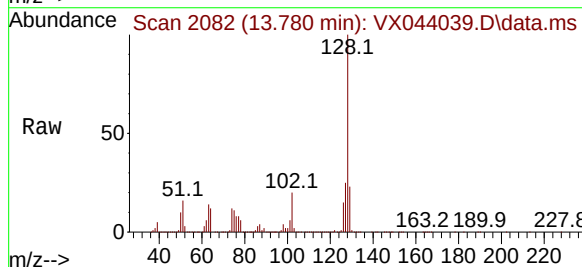
Tgt Ion:128 Resp:15405454

Ion Ratio Lower Upper

128 100

127 21.2 10.2 15.2#

129 19.6 8.6 12.8#



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-3DL	SDG No.:	P5001
Lab Sample ID:	P5001-10DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044068.D	10		12/02/24 16:01	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	2.10	UD	2.10	50.0	ug/L
74-87-3	Chloromethane	3.50	UD	3.50	50.0	ug/L
75-01-4	Vinyl Chloride	3.40	UD	3.40	50.0	ug/L
74-83-9	Bromomethane	13.6	UD	13.6	50.0	ug/L
75-00-3	Chloroethane	5.60	UD	5.60	50.0	ug/L
75-69-4	Trichlorofluoromethane	3.40	UD	3.40	50.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	UD	2.50	50.0	ug/L
75-35-4	1,1-Dichloroethene	2.60	UD	2.60	50.0	ug/L
67-64-1	Acetone	13.9	UD	13.9	250	ug/L
75-15-0	Carbon Disulfide	3.20	UD	3.20	50.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.60	UD	1.60	50.0	ug/L
79-20-9	Methyl Acetate	6.00	UD	6.00	50.0	ug/L
75-09-2	Methylene Chloride	3.20	UD	3.20	50.0	ug/L
156-60-5	trans-1,2-Dichloroethene	2.50	UD	2.50	50.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	UD	2.30	50.0	ug/L
110-82-7	Cyclohexane	16.2	UD	16.2	50.0	ug/L
78-93-3	2-Butanone	13.0	UD	13.0	250	ug/L
56-23-5	Carbon Tetrachloride	2.50	UD	2.50	50.0	ug/L
156-59-2	cis-1,2-Dichloroethene	2.50	UD	2.50	50.0	ug/L
74-97-5	Bromochloromethane	1.80	UD	1.80	50.0	ug/L
67-66-3	Chloroform	2.60	UD	2.60	50.0	ug/L
71-55-6	1,1,1-Trichloroethane	1.90	UD	1.90	50.0	ug/L
108-87-2	Methylcyclohexane	1.90	UD	1.90	50.0	ug/L
71-43-2	Benzene	44.4	JD	1.60	50.0	ug/L
107-06-2	1,2-Dichloroethane	2.40	UD	2.40	50.0	ug/L
79-01-6	Trichloroethene	3.20	UD	3.20	50.0	ug/L
78-87-5	1,2-Dichloropropane	1.90	UD	1.90	50.0	ug/L
75-27-4	Bromodichloromethane	2.40	UD	2.40	50.0	ug/L
108-10-1	4-Methyl-2-Pentanone	7.50	UD	7.50	250	ug/L
108-88-3	Toluene	60.1	D	1.80	50.0	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-3DL	SDG No.:	P5001
Lab Sample ID:	P5001-10DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044068.D	10		12/02/24 16:01	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	2.10	UD	2.10	50.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.80	UD	1.80	50.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	UD	2.10	50.0	ug/L
591-78-6	2-Hexanone	11.3	UD	11.3	250	ug/L
124-48-1	Dibromochloromethane	1.80	UD	1.80	50.0	ug/L
106-93-4	1,2-Dibromoethane	1.60	UD	1.60	50.0	ug/L
127-18-4	Tetrachloroethene	2.50	UD	2.50	50.0	ug/L
108-90-7	Chlorobenzene	1.30	UD	1.30	50.0	ug/L
100-41-4	Ethyl Benzene	250	D	1.60	50.0	ug/L
179601-23-1	m/p-Xylenes	97.6	JD	3.10	100	ug/L
95-47-6	o-Xylene	81.9	D	1.40	50.0	ug/L
100-42-5	Styrene	1.60	UD	1.60	50.0	ug/L
75-25-2	Bromoform	2.10	UD	2.10	50.0	ug/L
98-82-8	Isopropylbenzene	10.3	JD	1.30	50.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	2.70	UD	2.70	50.0	ug/L
541-73-1	1,3-Dichlorobenzene	2.40	UD	2.40	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	2.70	UD	2.70	50.0	ug/L
95-50-1	1,2-Dichlorobenzene	1.90	UD	1.90	50.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	4.60	UD	4.60	50.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	4.20	UD	4.20	50.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	5.10	UD	5.10	50.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	45.2		70 (75) - 130 (124)	90%	SPK: 50
2037-26-5	Toluene-d8	49.9		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	126000	5.544			
540-36-3	1,4-Difluorobenzene	247000	6.757			
3114-55-4	Chlorobenzene-d5	215000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	102000	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C3-3DL	SDG No.:	P5001
Lab Sample ID:	P5001-10DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044068.D	10		12/02/24 16:01	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044068.D
 Acq On : 02 Dec 2024 16:01
 Operator : JC/MD
 Sample : P5001-10DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C3-3DL

Quant Time: Dec 03 00:22:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

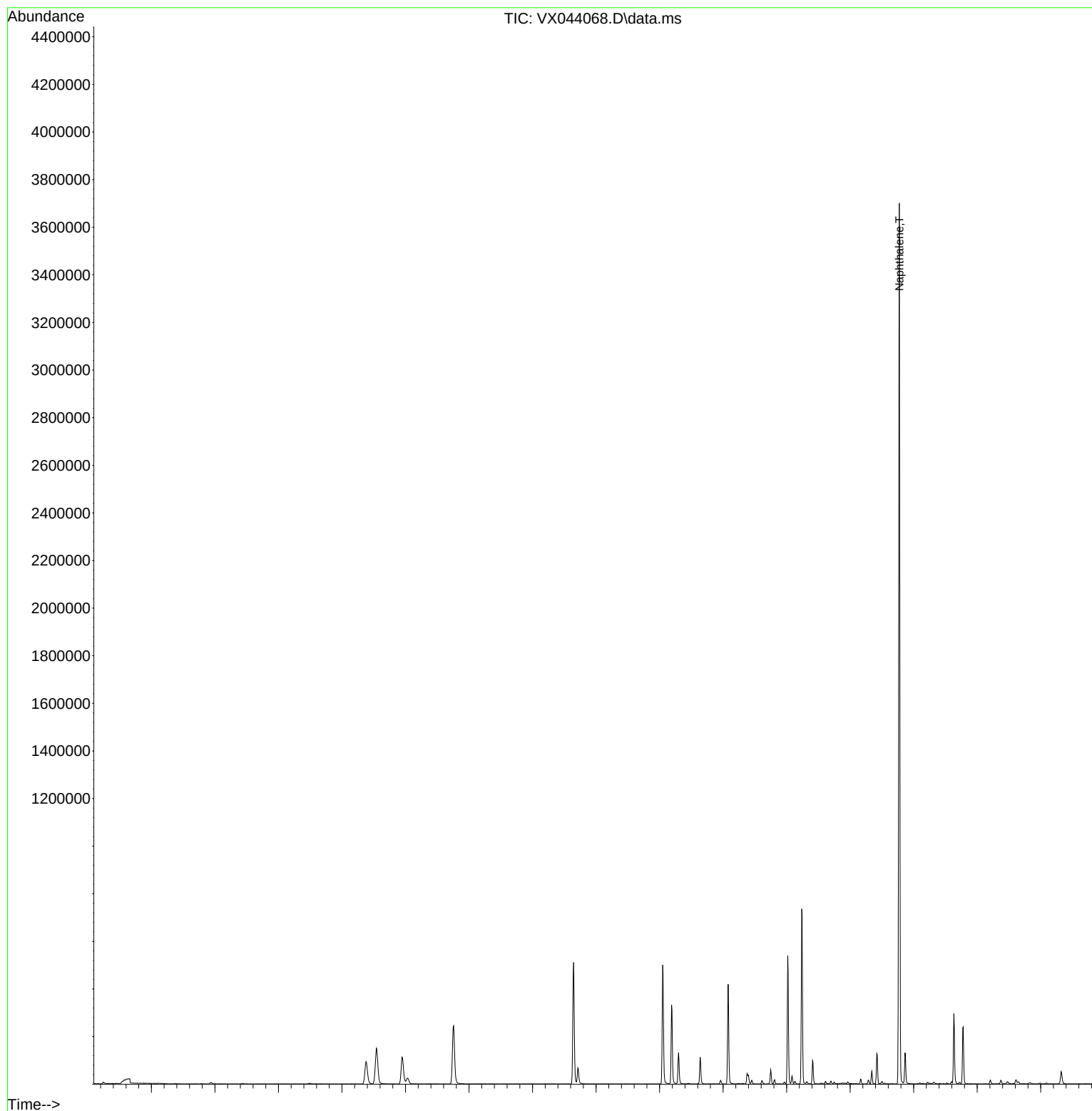
Internal Standards						
1) Pentafluorobenzene	5.544	168	126077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246510	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	214521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110759	51.220	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.440%			
35) Dibromofluoromethane	5.379	113	79600	45.190	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.380%			
50) Toluene-d8	8.647	98	303198	49.935	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.880%			
62) 4-Bromofluorobenzene	11.079	95	105242	50.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.860%			
Target Compounds						
						Qvalue
40) Benzene	6.038	78	30383	4.444	ug/l	96
52) Toluene	8.714	92	24586	6.008	ug/l	99
67) Ethyl Benzene	10.189	91	199557	24.996	ug/l	98
68) m/p-Xylenes	10.299	106	29052	9.758	ug/l	97
69) o-Xylene	10.640	106	23794	8.185	ug/l	98
73) Isopropylbenzene	10.963	105	8050	1.029	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	7474	1.161	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	24457	3.817	ug/l	97
95) Naphthalene	13.774	128	2054202	282.194	ug/l	100

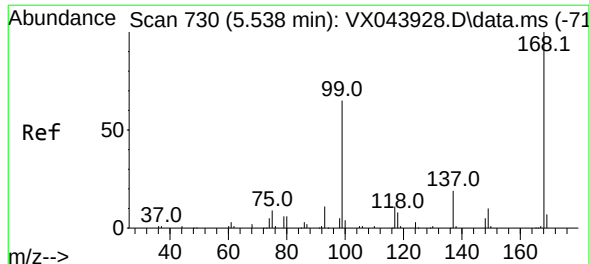
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044068.D
Acq On : 02 Dec 2024 16:01
Operator : JC/MD
Sample : P5001-10DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-3DL

Quant Time: Dec 03 00:22:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.006 min

Lab File: VX044068.D

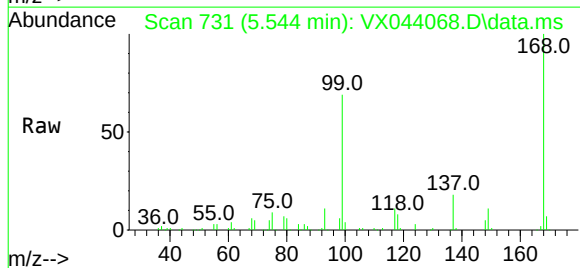
Acq: 02 Dec 2024 16:01

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-3DL

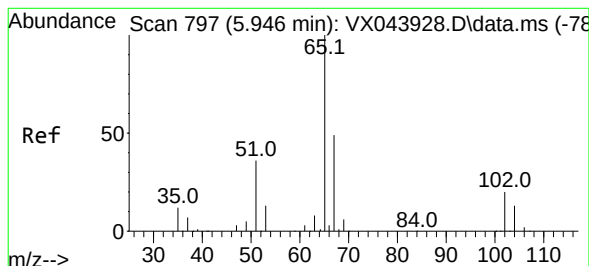
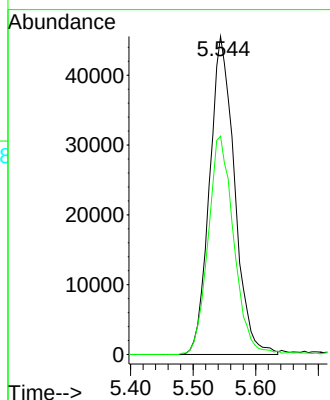
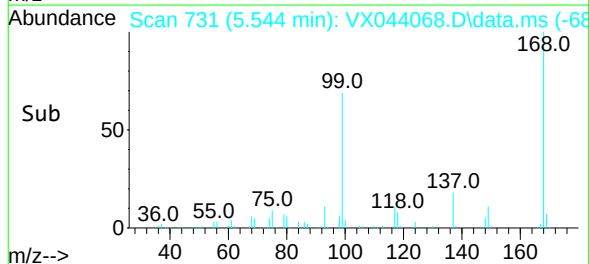


Tgt Ion:168 Resp: 126077

Ion Ratio Lower Upper

168 100

99 68.6 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 51.220 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044068.D

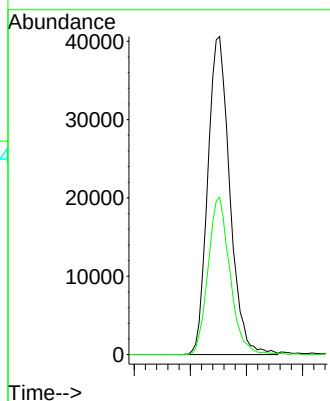
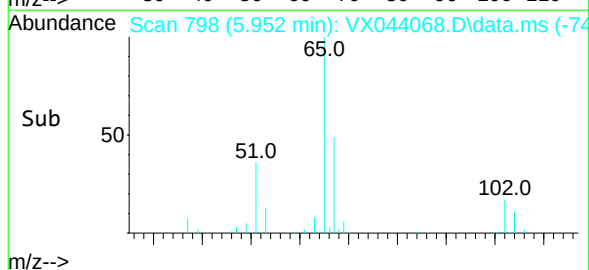
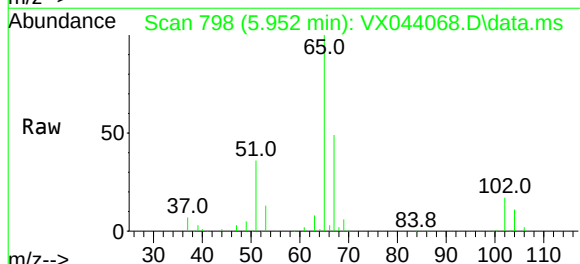
Acq: 02 Dec 2024 16:01

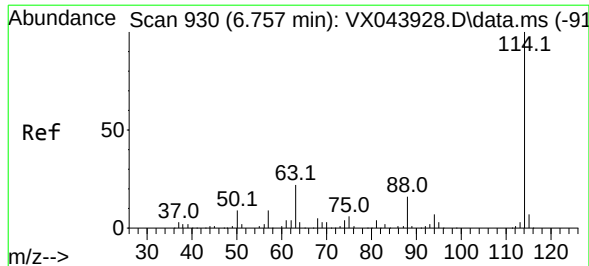
Tgt Ion: 65 Resp: 110759

Ion Ratio Lower Upper

65 100

67 49.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044068.D

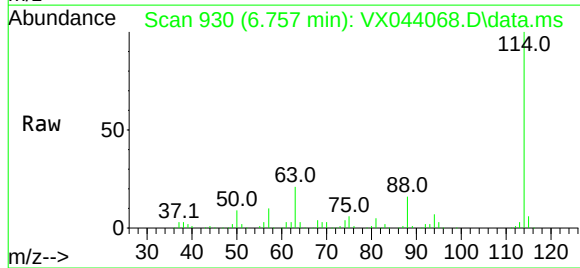
Acq: 02 Dec 2024 16:01

Instrument :

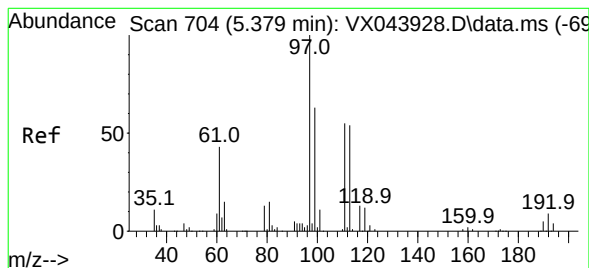
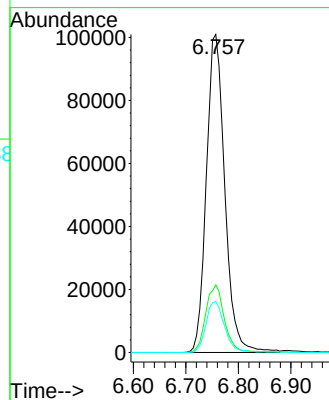
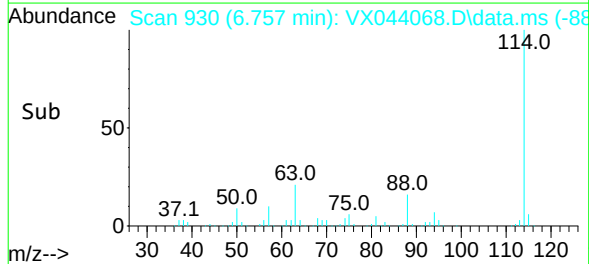
MSVOA_X

ClientSampleId :

SPLP-C3-3DL



Tgt Ion:	114	Resp:	246510
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.0
88	16.0	0.0	32.4



#35

Dibromofluoromethane

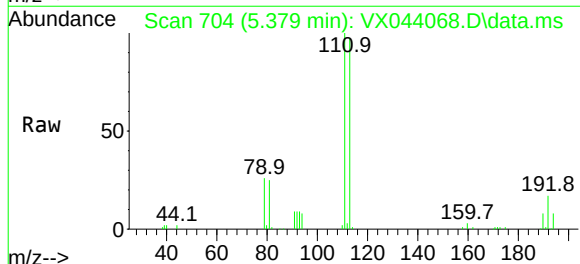
Concen: 45.190 ug/l

RT: 5.379 min Scan# 704

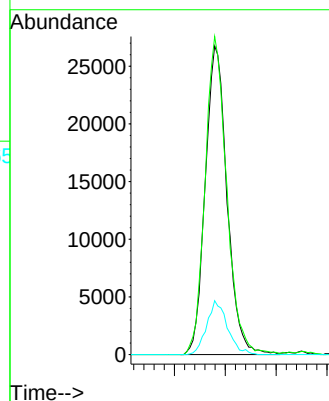
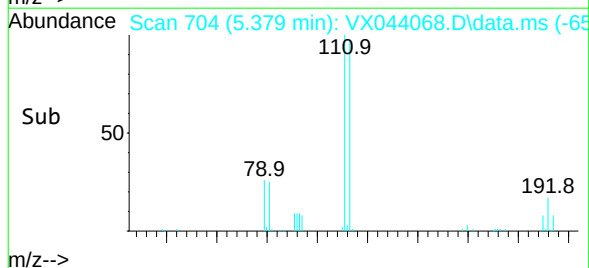
Delta R.T. -0.000 min

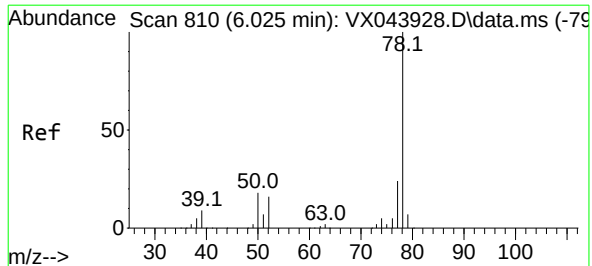
Lab File: VX044068.D

Acq: 02 Dec 2024 16:01



Tgt Ion:	113	Resp:	79600
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.0	121.4
192	16.6	13.0	19.6





#40

Benzene

Concen: 4.444 ug/l

RT: 6.038 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044068.D

Acq: 02 Dec 2024 16:01

Instrument :

MSVOA_X

ClientSampleId :

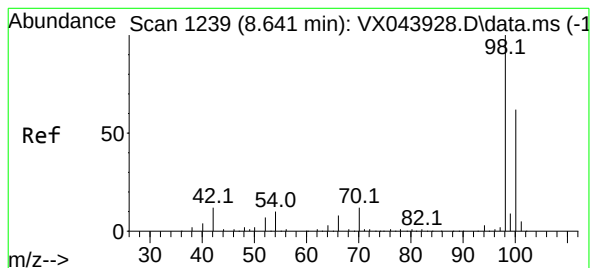
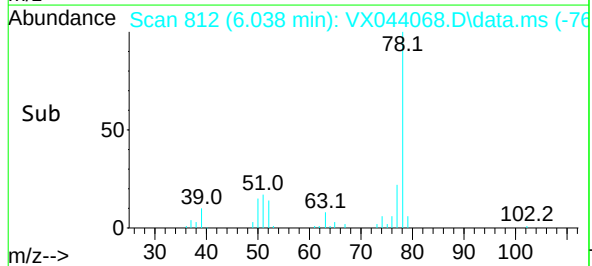
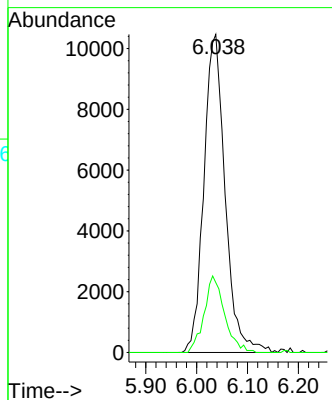
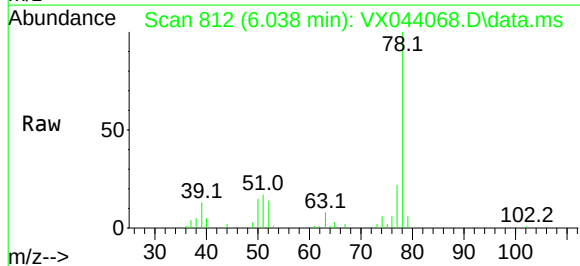
SPLP-C3-3DL

Tgt Ion: 78 Resp: 30383

Ion Ratio Lower Upper

78 100

77 22.0 19.2 28.8



#50

Toluene-d8

Concen: 49.935 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044068.D

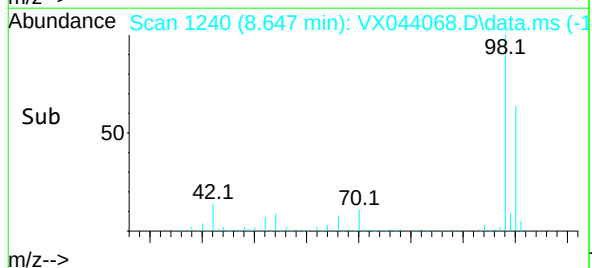
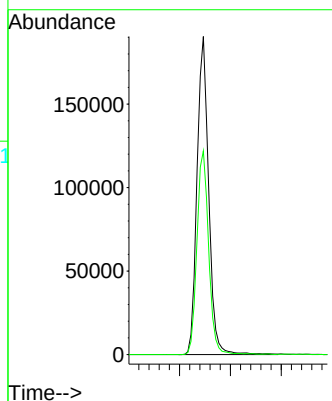
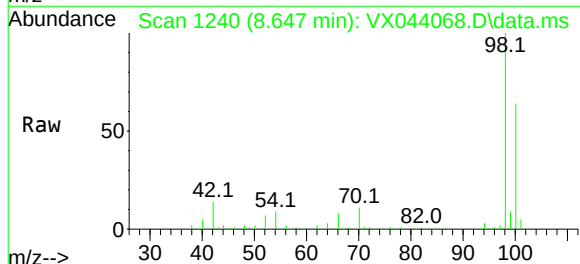
Acq: 02 Dec 2024 16:01

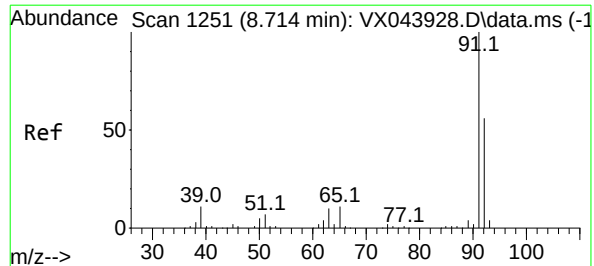
Tgt Ion: 98 Resp: 303198

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0





#52

Toluene

Concen: 6.008 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044068.D

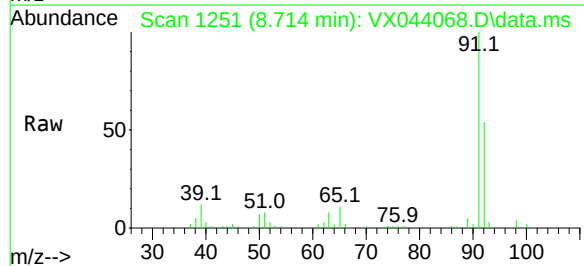
Acq: 02 Dec 2024 16:01

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-3DL

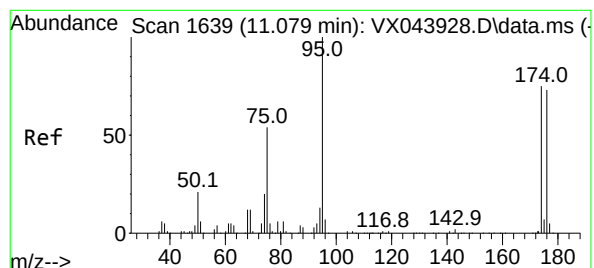
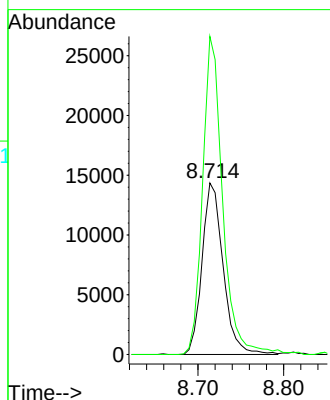
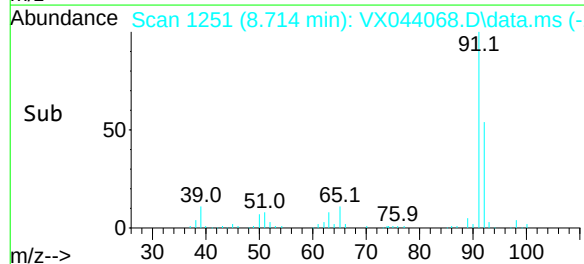


Tgt Ion: 92 Resp: 24586

Ion Ratio Lower Upper

92 100

91 176.3 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 50.930 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044068.D

Acq: 02 Dec 2024 16:01

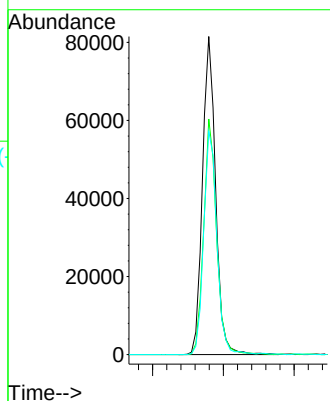
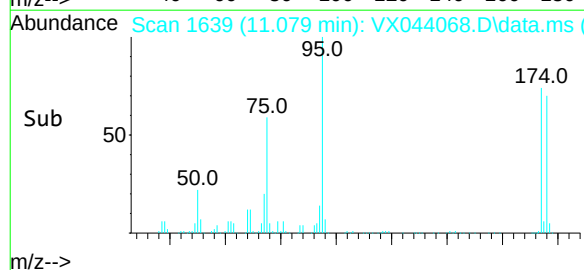
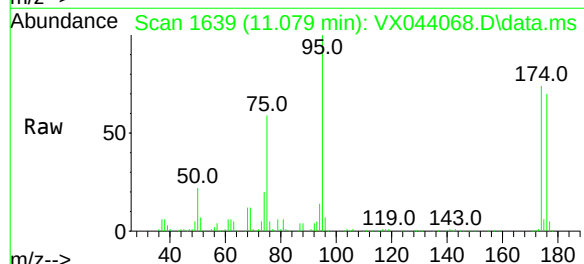
Tgt Ion: 95 Resp: 105242

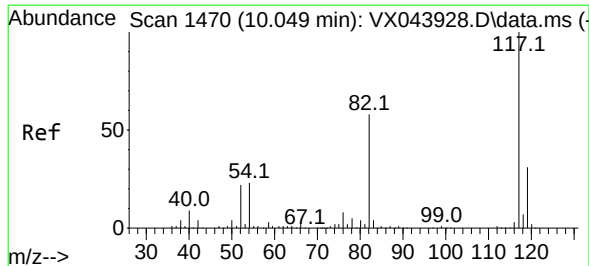
Ion Ratio Lower Upper

95 100

174 72.8 0.0 150.4

176 70.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044068.D

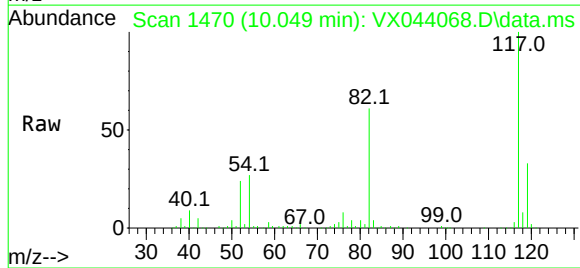
Acq: 02 Dec 2024 16:01

Instrument :

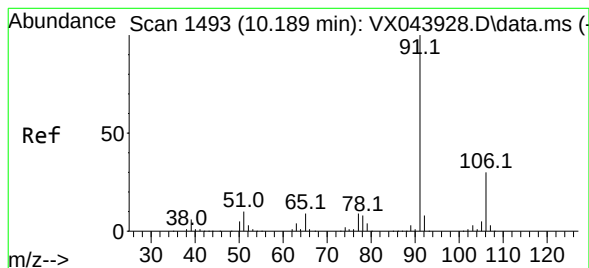
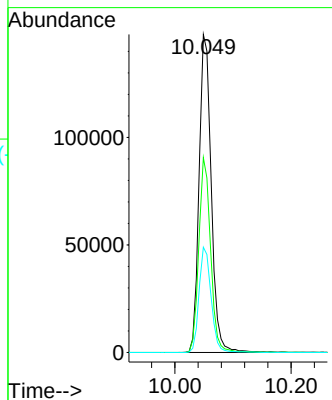
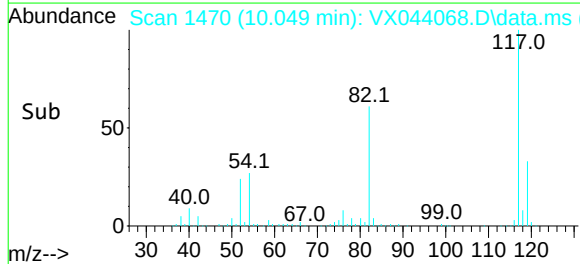
MSVOA_X

ClientSampleId :

SPLP-C3-3DL



Tgt Ion:	117	Resp:	214521
Ion	Ratio	Lower	Upper
117	100		
82	61.3	46.4	69.6
119	33.1	24.6	37.0



#67

Ethyl Benzene

Concen: 24.996 ug/l

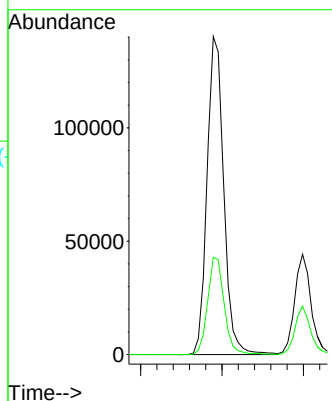
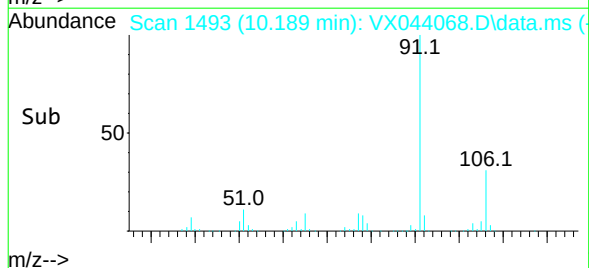
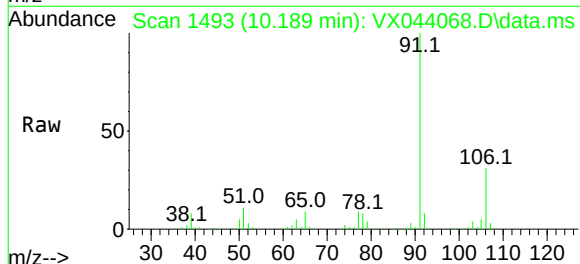
RT: 10.189 min Scan# 1493

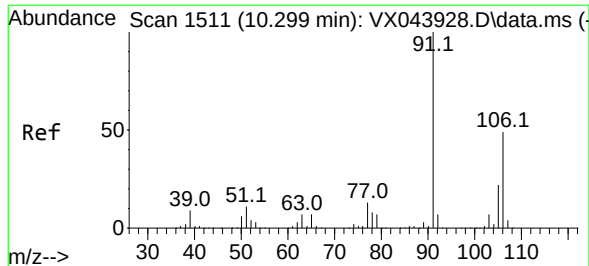
Delta R.T. -0.000 min

Lab File: VX044068.D

Acq: 02 Dec 2024 16:01

Tgt Ion:	91	Resp:	199557
Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.6	35.4





#68

m/p-Xylenes

Concen: 9.758 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044068.D

Acq: 02 Dec 2024 16:01

Instrument :

MSVOA_X

ClientSampleId :

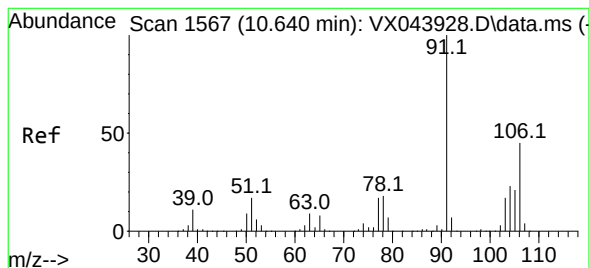
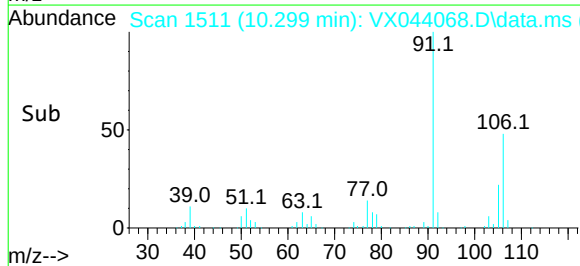
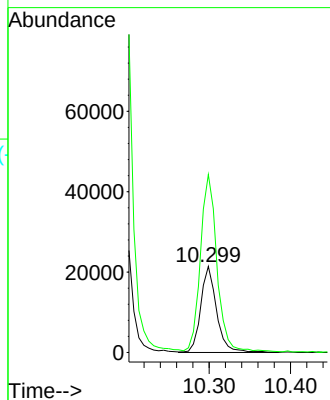
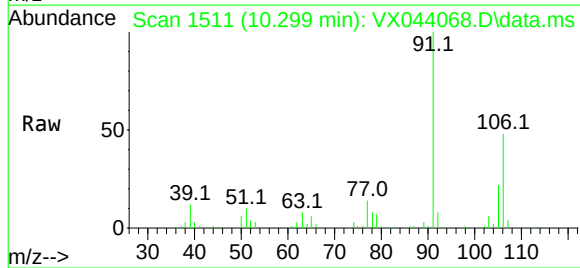
SPLP-C3-3DL

Tgt Ion:106 Resp: 29052

Ion Ratio Lower Upper

106 100

91 214.7 168.1 252.1



#69

o-Xylene

Concen: 8.185 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044068.D

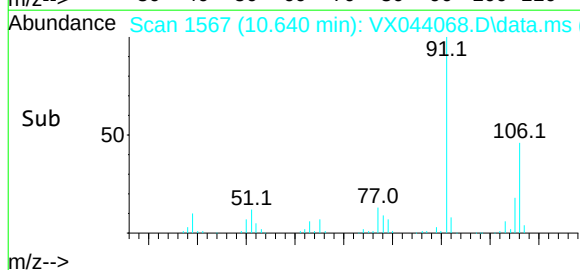
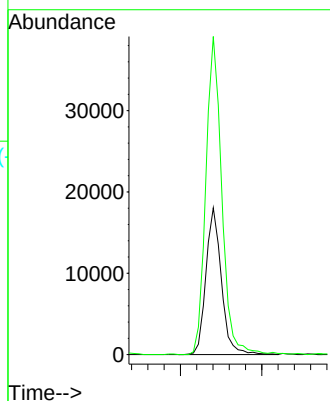
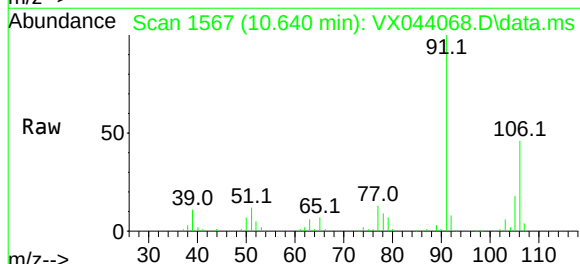
Acq: 02 Dec 2024 16:01

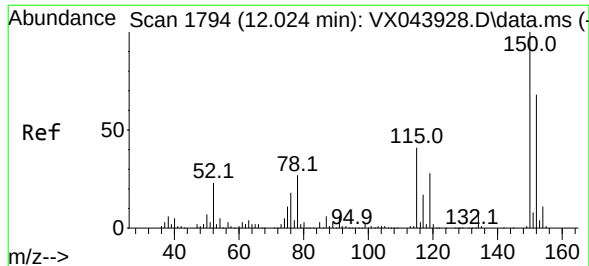
Tgt Ion:106 Resp: 23794

Ion Ratio Lower Upper

106 100

91 222.9 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044068.D

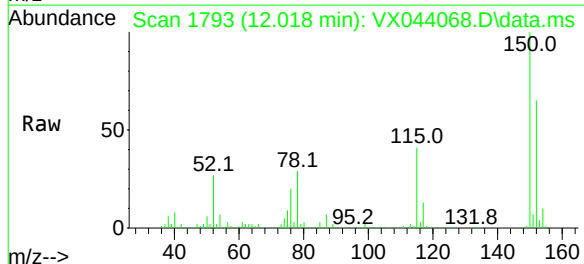
Acq: 02 Dec 2024 16:01

Instrument :

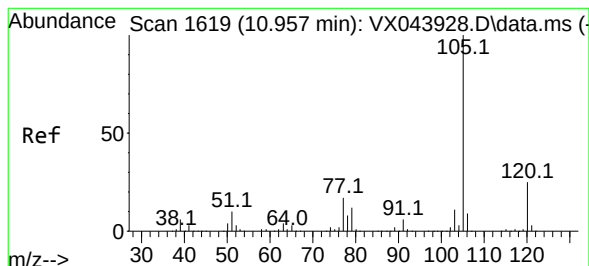
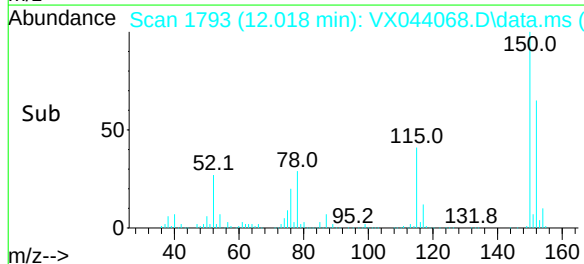
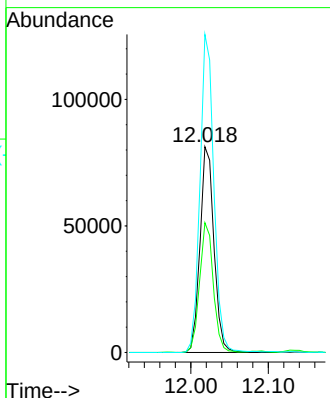
MSVOA_X

ClientSampleId :

SPLP-C3-3DL



Tgt Ion:	152	Resp:	101769
Ion	Ratio	Lower	Upper
152	100		
115	62.1	45.4	136.2
150	153.9	0.0	353.0



#73

Isopropylbenzene

Concen: 1.029 ug/l

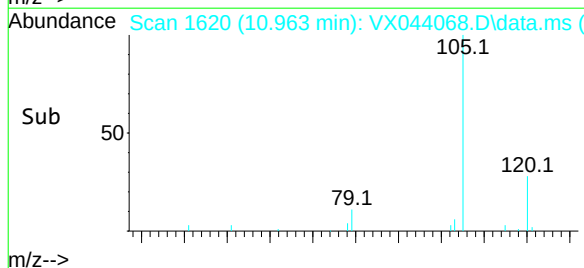
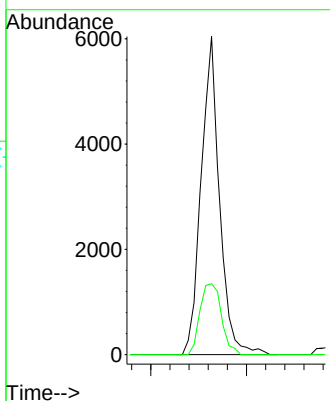
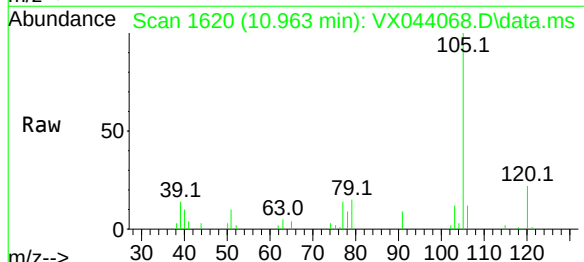
RT: 10.963 min Scan# 1620

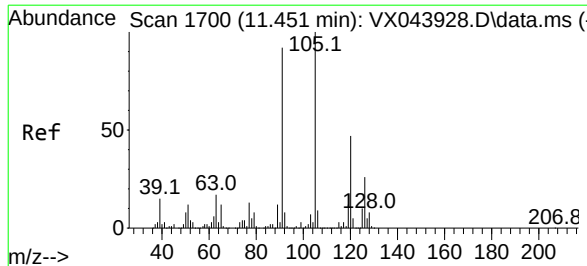
Delta R.T. 0.006 min

Lab File: VX044068.D

Acq: 02 Dec 2024 16:01

Tgt Ion:	105	Resp:	8050
Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	38.9





#80

1,3,5-Trimethylbenzene

Concen: 1.161 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044068.D

Acq: 02 Dec 2024 16:01

Instrument :

MSVOA_X

ClientSampleId :

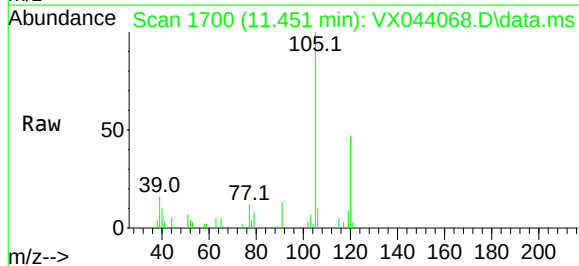
SPLP-C3-3DL

Tgt Ion:105 Resp: 7474

Ion Ratio Lower Upper

105 100

120 46.8 23.3 69.8



Abundance

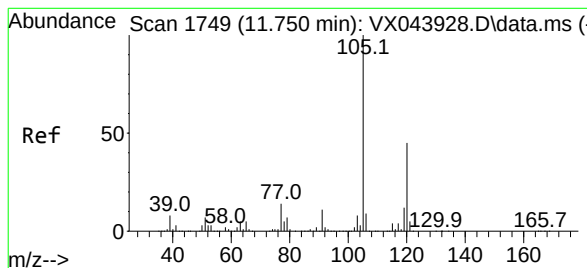
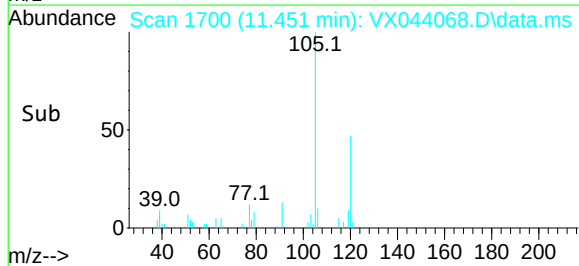
10000

11.451

5000

0

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 3.817 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044068.D

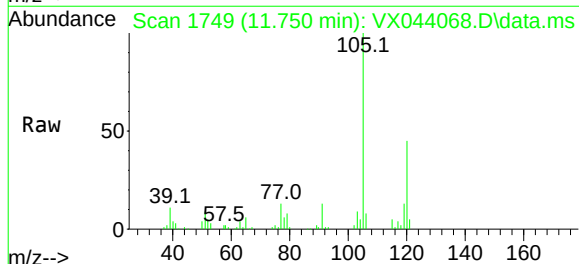
Acq: 02 Dec 2024 16:01

Tgt Ion:105 Resp: 24457

Ion Ratio Lower Upper

105 100

120 45.9 21.9 65.7



Abundance

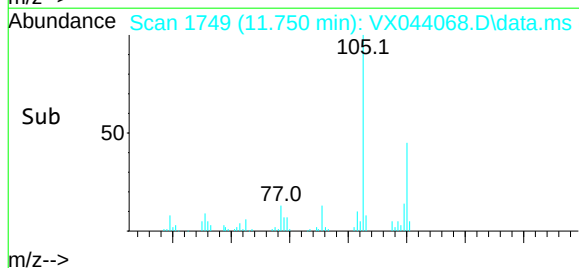
15000

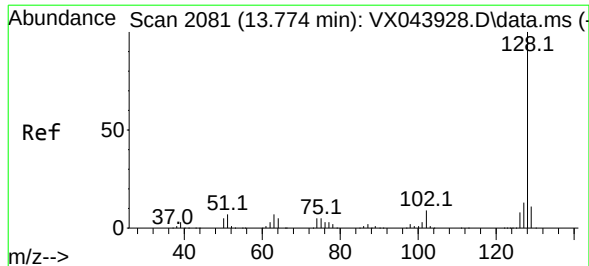
10000

5000

0

Time-->





#95

Naphthalene

Concen: 282.194 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044068.D

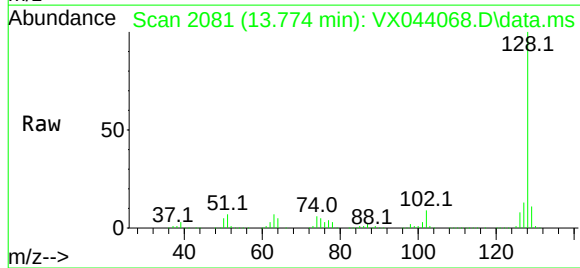
Acq: 02 Dec 2024 16:01

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C3-3DL



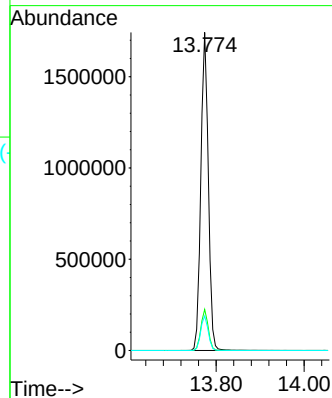
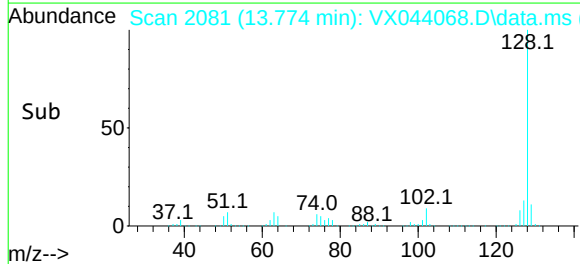
Tgt Ion:128 Resp: 2054202

Ion	Ratio	Lower	Upper

128	100		

127	12.8	10.2	15.2

129	10.9	8.6	12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C4-1	SDG No.:	P5001
Lab Sample ID:	P5001-11	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044040.D	1		11/27/24 15:02	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	17.8	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	4.50	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C4-1	SDG No.:	P5001
Lab Sample ID:	P5001-11	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044040.D	1		11/27/24 15:02	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	3.30	J	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	1.20	J	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	33.2	*	70 (75) - 130 (124)	66%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	114000	5.544			
540-36-3	1,4-Difluorobenzene	223000	6.757			
3114-55-4	Chlorobenzene-d5	203000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	88700	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C4-1	SDG No.:	P5001
Lab Sample ID:	P5001-11	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044040.D	1		11/27/24 15:02	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044040.D
 Acq On : 27 Nov 2024 15:02
 Operator : JC/MD
 Sample : P5001-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C4-1

Quant Time: Nov 28 00:49:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

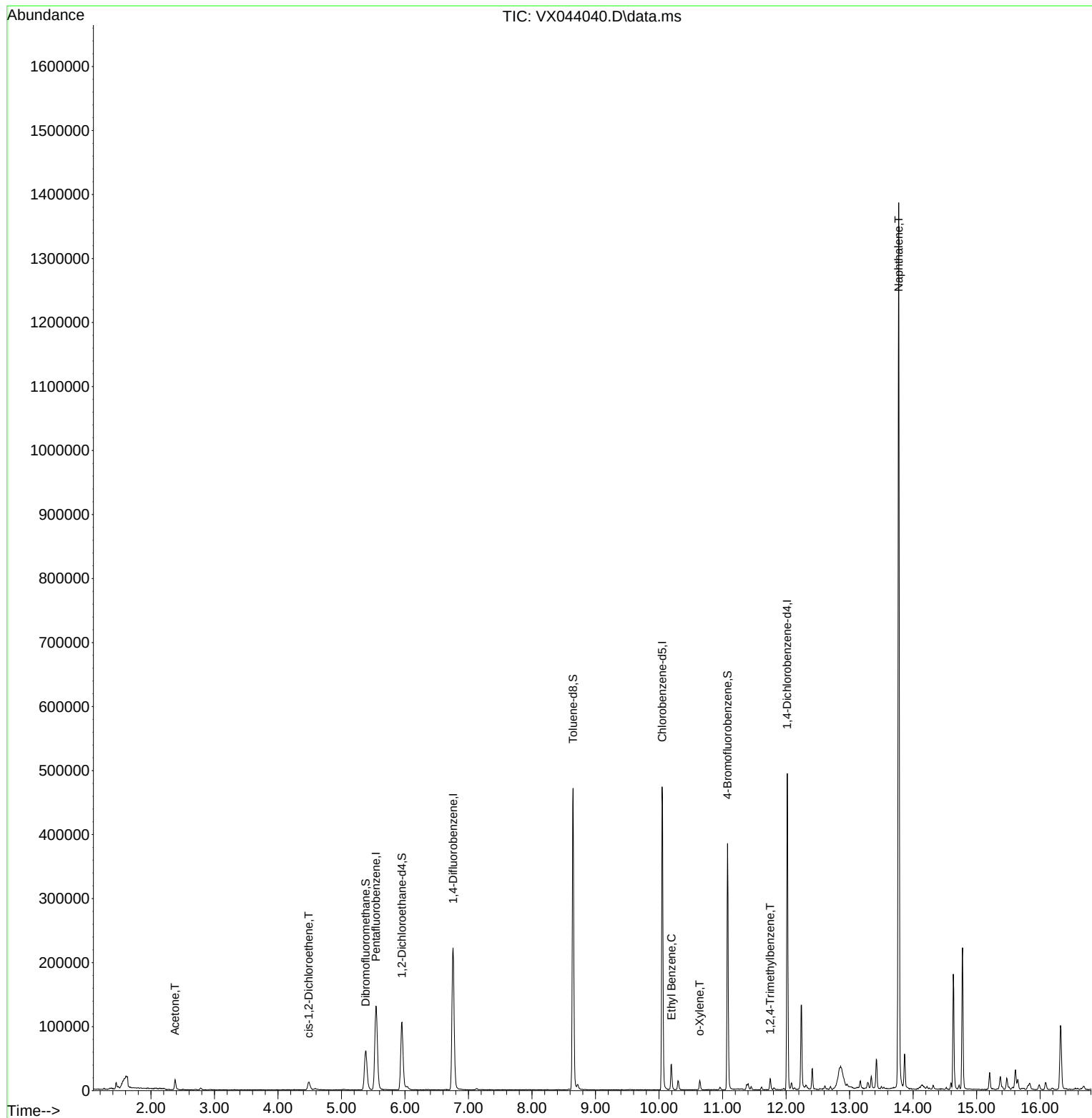
Internal Standards						
1) Pentafluorobenzene	5.544	168	113725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	203256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101660	52.118	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.240%		
35) Dibromofluoromethane	5.379	113	52838	33.172	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 66.340%#		
50) Toluene-d8	8.647	98	277165	50.479	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.960%		
62) 4-Bromofluorobenzene	11.079	95	99567	53.283	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 106.560%		
Target Compounds						Qvalue
16) Acetone	2.380	43	15950	17.804	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	7515	4.494	ug/l	91
67) Ethyl Benzene	10.195	91	24818	3.281	ug/l	99
69) o-Xylene	10.640	106	3325	1.207	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	7482	1.339	ug/l	99
95) Naphthalene	13.774	128	824849	129.961	ug/l	99

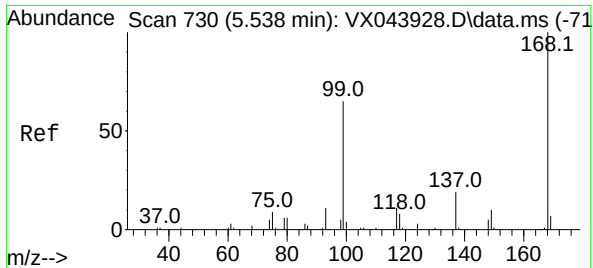
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044040.D
Acq On : 27 Nov 2024 15:02
Operator : JC/MD
Sample : P5001-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-1

Quant Time: Nov 28 00:49:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

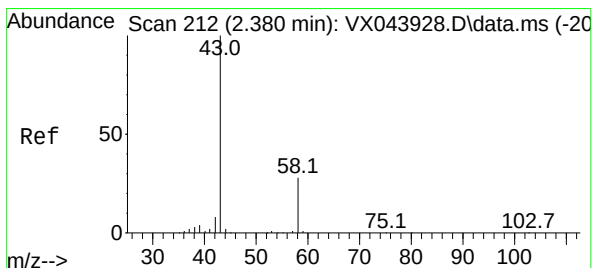
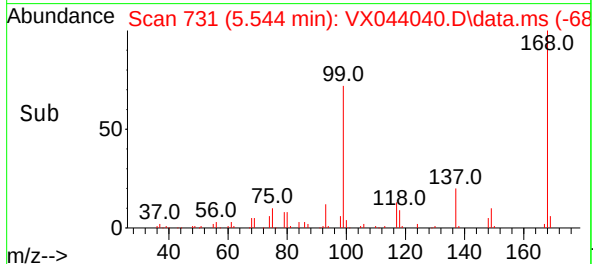
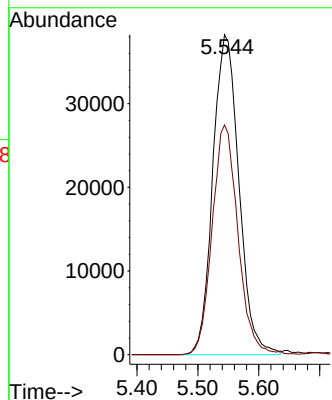
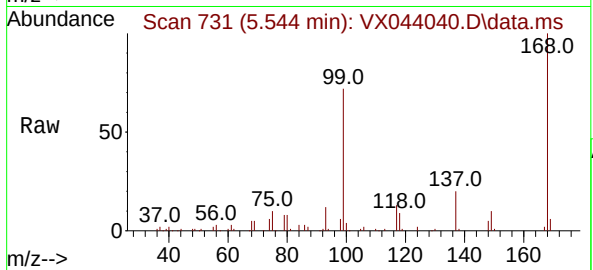




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044040.D
Acq: 27 Nov 2024 15:02

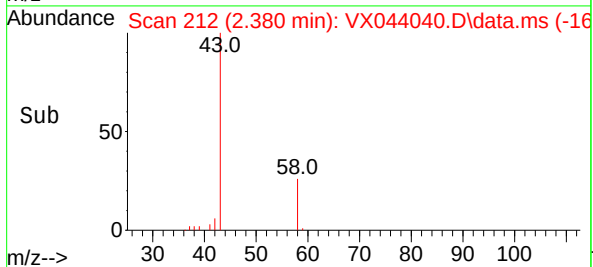
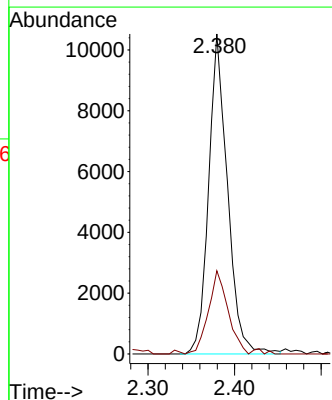
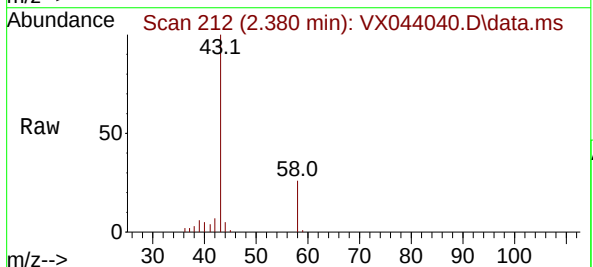
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-1

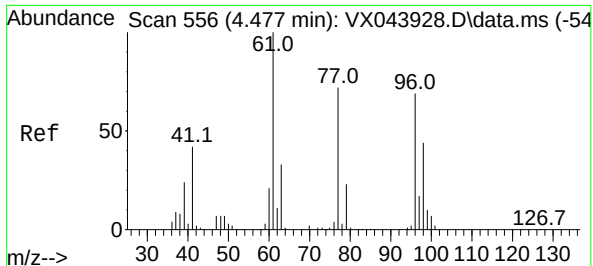
Tgt Ion:168 Resp: 113725
Ion Ratio Lower Upper
168 100
99 71.8 51.8 77.8



#16
Acetone
Concen: 17.804 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044040.D
Acq: 27 Nov 2024 15:02

Tgt Ion: 43 Resp: 15950
Ion Ratio Lower Upper
43 100
58 26.0 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 4.494 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044040.D

Acq: 27 Nov 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-1

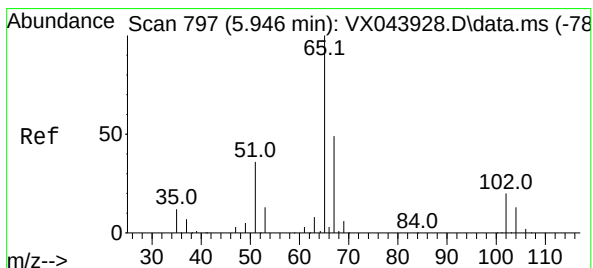
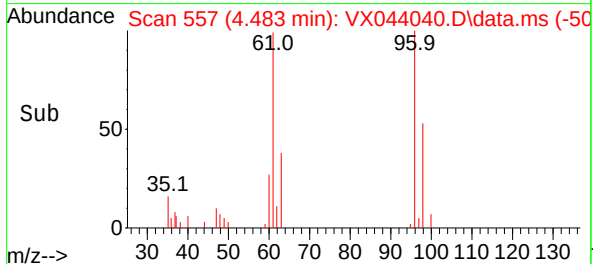
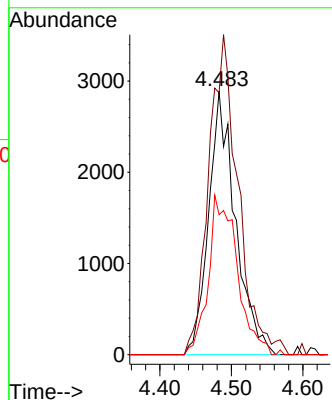
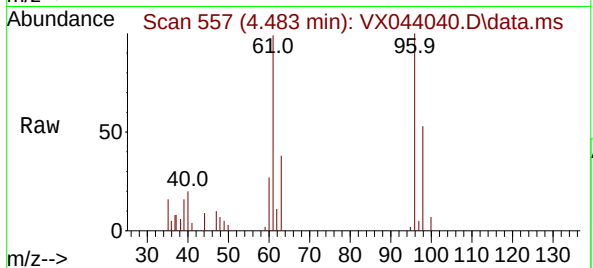
Tgt Ion: 96 Resp: 7515

Ion Ratio Lower Upper

96 100

61 133.0 0.0 297.4

98 64.8 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 52.118 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044040.D

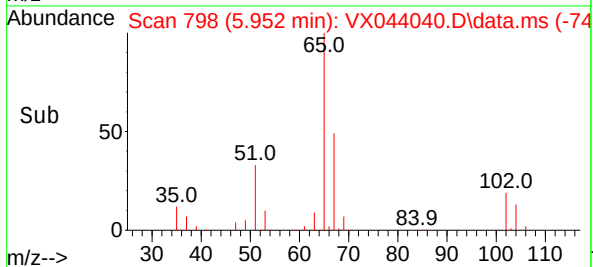
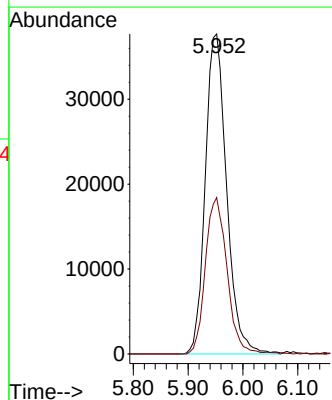
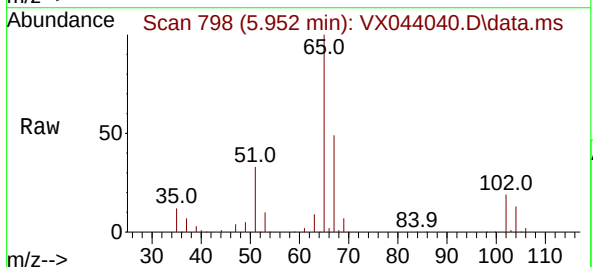
Acq: 27 Nov 2024 15:02

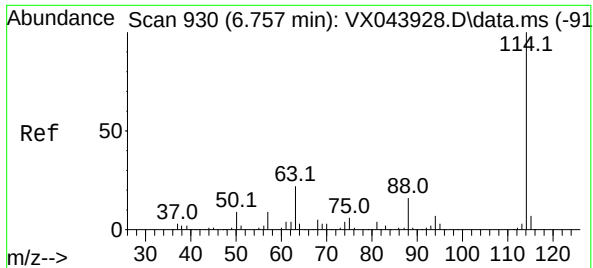
Tgt Ion: 65 Resp: 101660

Ion Ratio Lower Upper

65 100

67 49.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX044040.D

Acq: 27 Nov 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-1

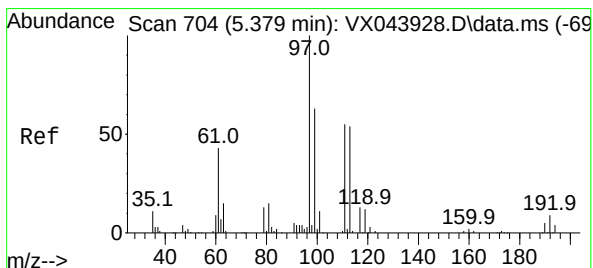
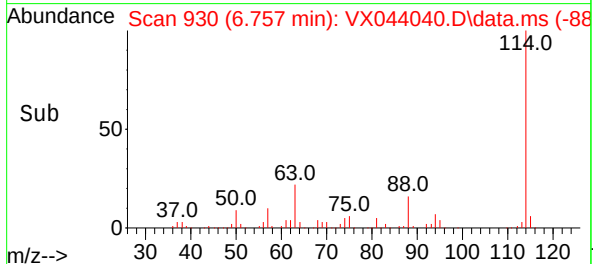
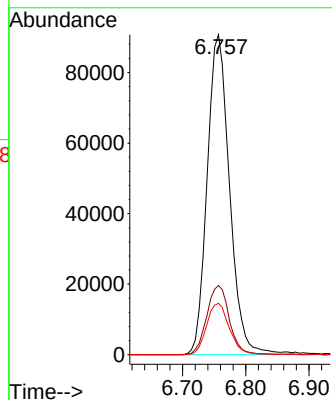
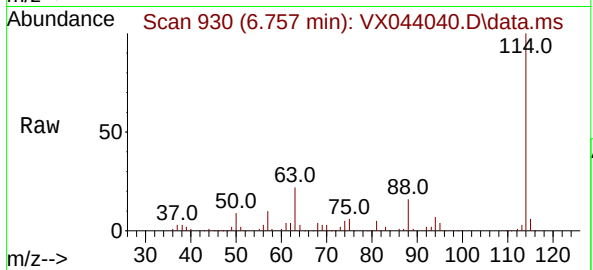
Tgt Ion:114 Resp: 222916

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.1 0.0 32.4



#35

Dibromofluoromethane

Concen: 33.172 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044040.D

Acq: 27 Nov 2024 15:02

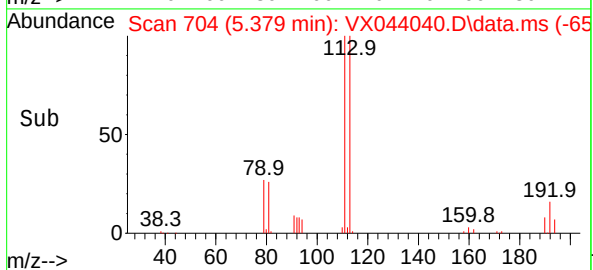
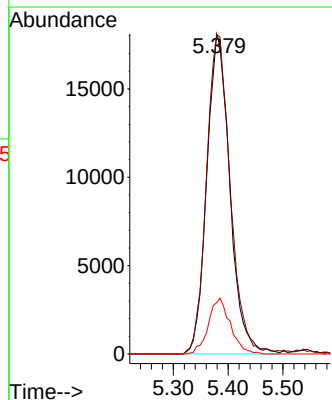
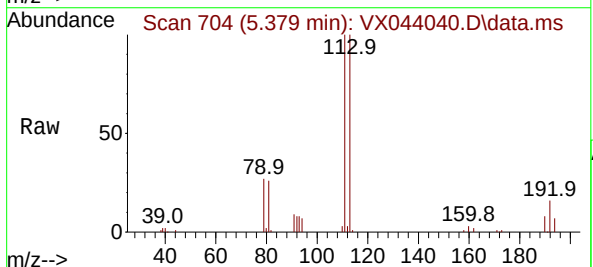
Tgt Ion:113 Resp: 52838

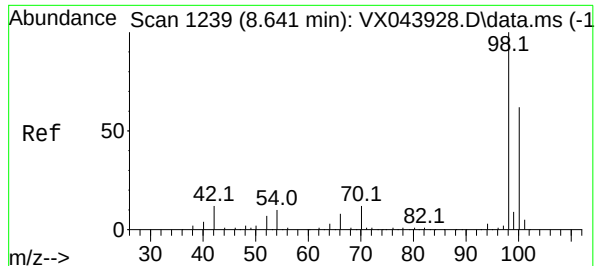
Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

192 16.6 13.0 19.6





#50

Toluene-d8

Concen: 50.479 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044040.D

Acq: 27 Nov 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

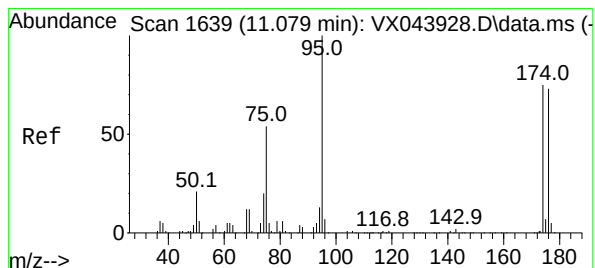
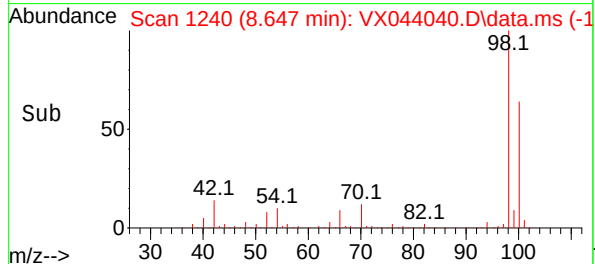
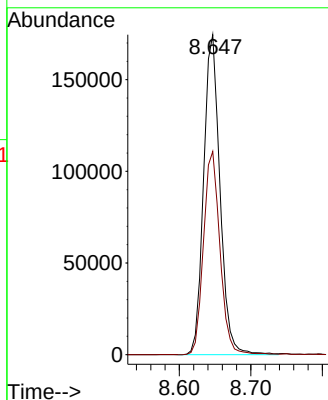
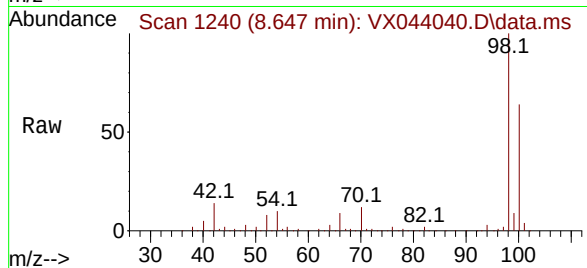
SPLP-C4-1

Tgt Ion: 98 Resp: 277165

Ion Ratio Lower Upper

98 100

100 64.1 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 53.283 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044040.D

Acq: 27 Nov 2024 15:02

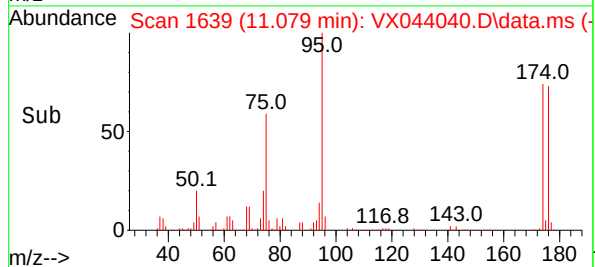
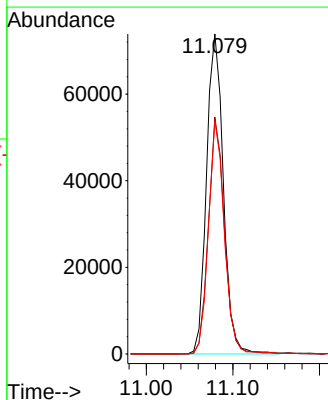
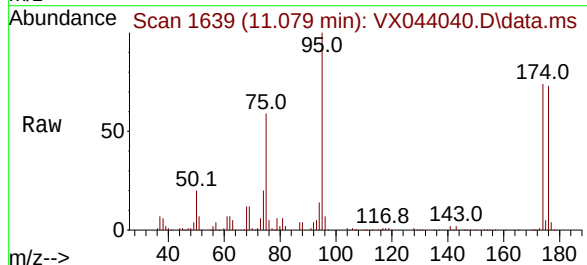
Tgt Ion: 95 Resp: 99567

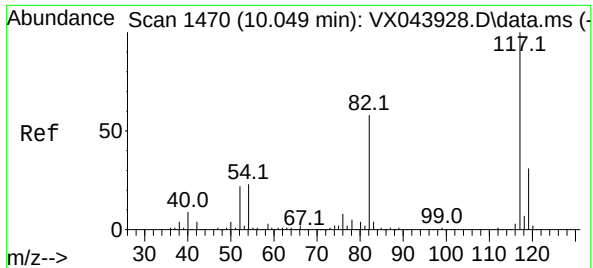
Ion Ratio Lower Upper

95 100

174 70.8 0.0 150.4

176 69.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044040.D

Acq: 27 Nov 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-1

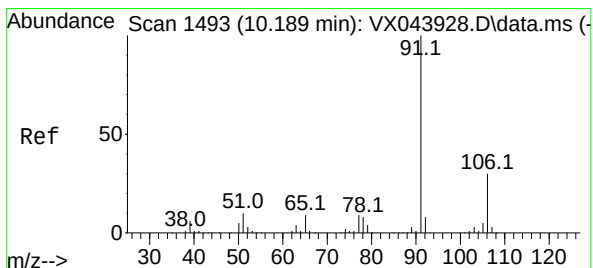
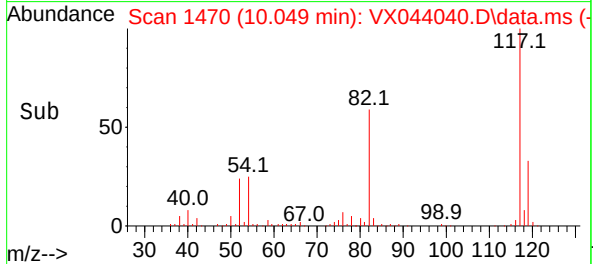
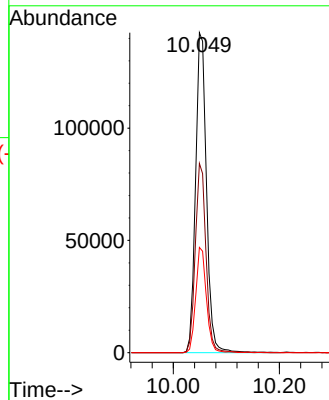
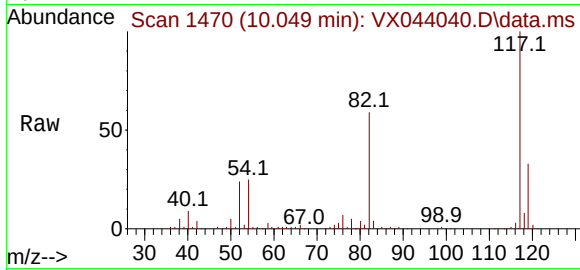
Tgt Ion:117 Resp: 203256

Ion Ratio Lower Upper

117 100

82 59.1 46.4 69.6

119 32.9 24.6 37.0



#67

Ethyl Benzene

Concen: 3.281 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044040.D

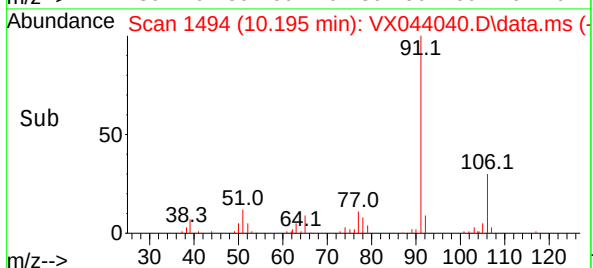
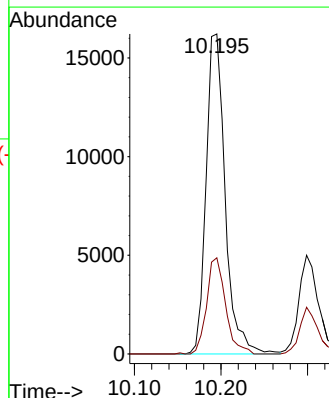
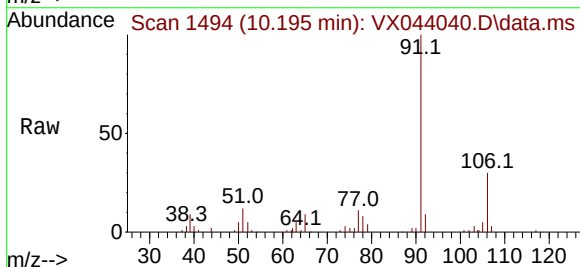
Acq: 27 Nov 2024 15:02

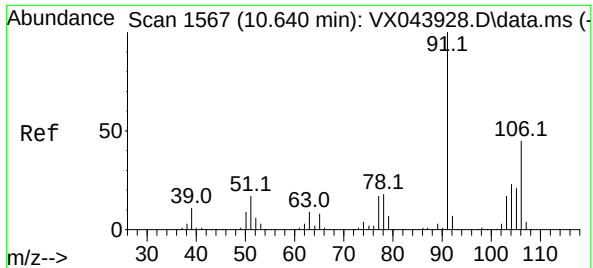
Tgt Ion: 91 Resp: 24818

Ion Ratio Lower Upper

91 100

106 30.0 23.6 35.4





#69

o-Xylene

Concen: 1.207 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044040.D

Acq: 27 Nov 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

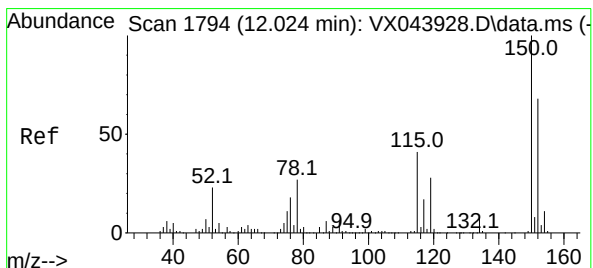
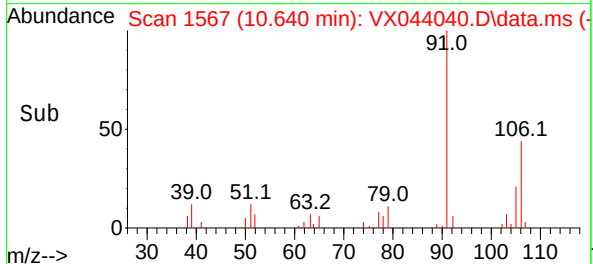
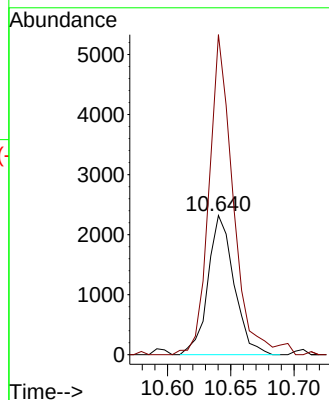
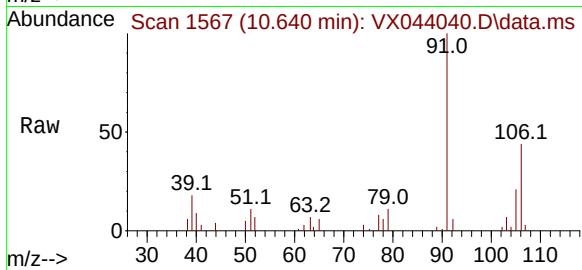
SPLP-C4-1

Tgt Ion:106 Resp: 3325

Ion Ratio Lower Upper

106 100

91 212.7 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044040.D

Acq: 27 Nov 2024 15:02

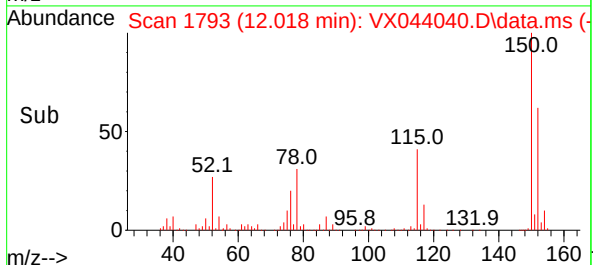
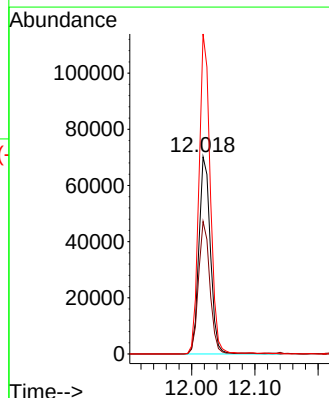
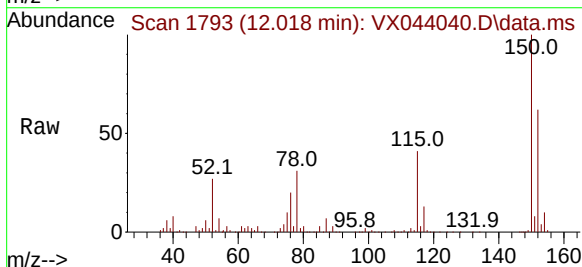
Tgt Ion:152 Resp: 88732

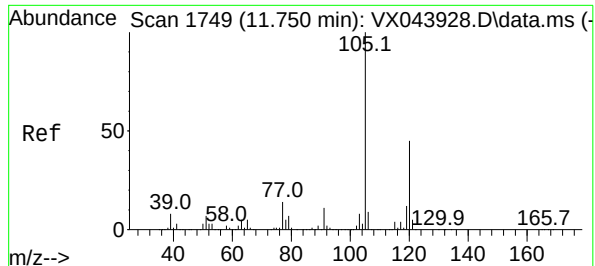
Ion Ratio Lower Upper

152 100

115 66.5 45.4 136.2

150 159.4 0.0 353.0





#84

1,2,4-Trimethylbenzene

Concen: 1.339 ug/l

RT: 11.750 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044040.D

Acq: 27 Nov 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

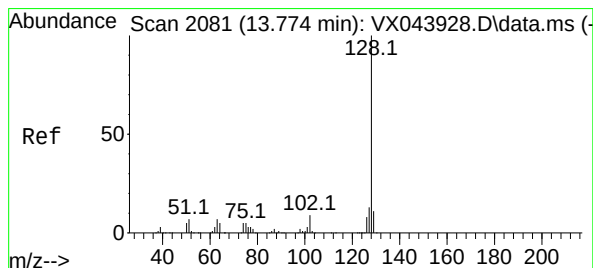
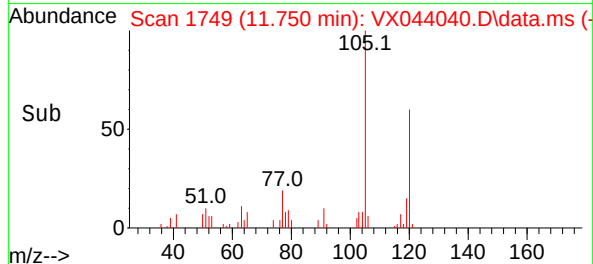
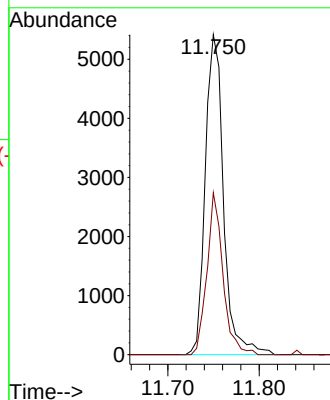
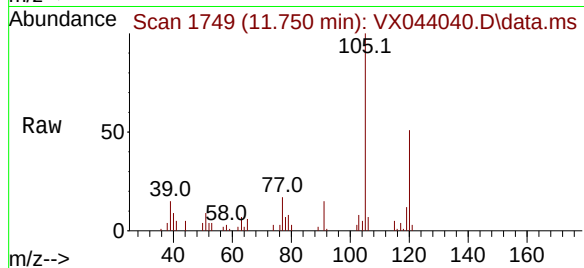
SPLP-C4-1

Tgt Ion:105 Resp: 7482

Ion Ratio Lower Upper

105 100

120 44.7 21.9 65.7



#95

Naphthalene

Concen: 129.961 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044040.D

Acq: 27 Nov 2024 15:02

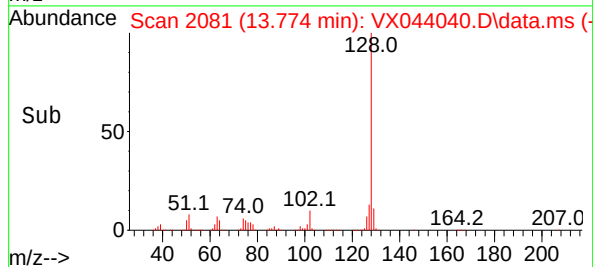
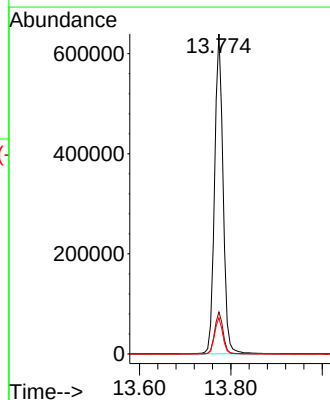
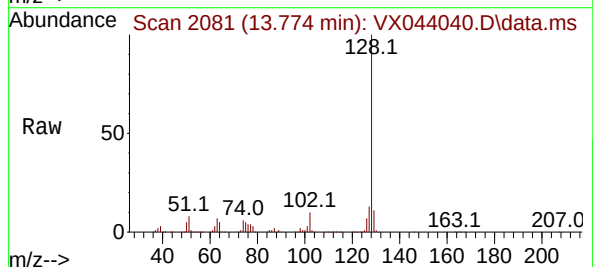
Tgt Ion:128 Resp: 824849

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.1 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C4-1RE	SDG No.:	P5001
Lab Sample ID:	P5001-11RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044074.D	1		12/02/24 18:18	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	16.9	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	4.30	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C4-1RE	SDG No.:	P5001
Lab Sample ID:	P5001-11RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044074.D	1		12/02/24 18:18	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	2.30	J	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	0.14	U	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	34.5	*	70 (75) - 130 (124)	69%	SPK: 50
2037-26-5	Toluene-d8	49.4		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	119000	5.55			
540-36-3	1,4-Difluorobenzene	232000	6.757			
3114-55-4	Chlorobenzene-d5	201000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	88000	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/25/24
Client Sample ID:	SPLP-C4-1RE	SDG No.:	P5001
Lab Sample ID:	P5001-11RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044074.D	1		12/02/24 18:18	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044074.D
 Acq On : 02 Dec 2024 18:18
 Operator : JC/MD
 Sample : P5001-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C4-1RE

Quant Time: Dec 03 00:26:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

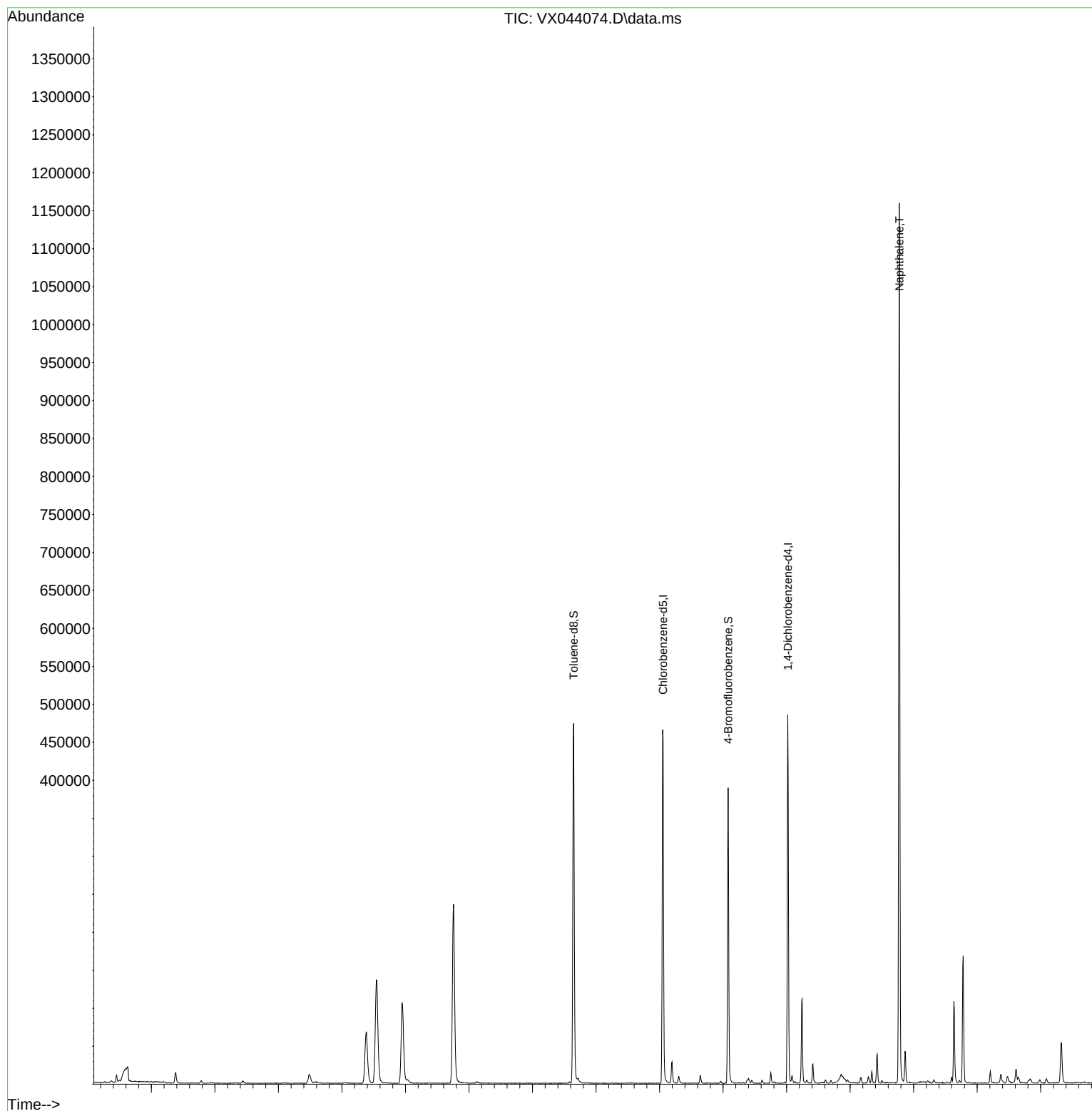
Internal Standards						
1) Pentafluorobenzene	5.550	168	118857	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	232004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106693	52.336	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.680%			
35) Dibromofluoromethane	5.385	113	57154	34.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 68.960%#			
50) Toluene-d8	8.647	98	282050	49.356	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.720%			
62) 4-Bromofluorobenzene	11.079	95	99442	51.132	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.260%			
Target Compounds						
16) Acetone	2.380	43	15870	16.949	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	7451	4.263	ug/l	87
67) Ethyl Benzene	10.195	91	16960	2.262	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	5778	1.042	ug/l	97
95) Naphthalene	13.774	128	657879	104.460	ug/l	99

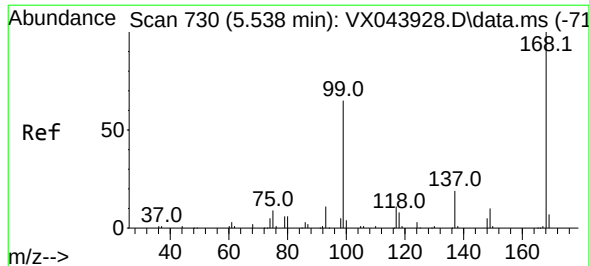
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044074.D
Acq On : 02 Dec 2024 18:18
Operator : JC/MD
Sample : P5001-11RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-1RE

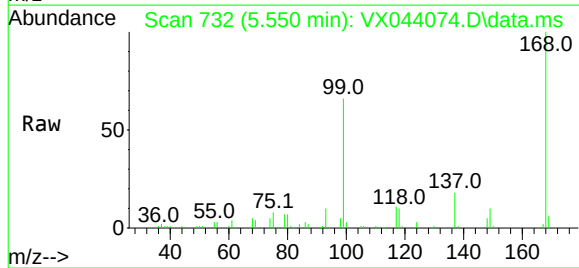
Quant Time: Dec 03 00:26:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



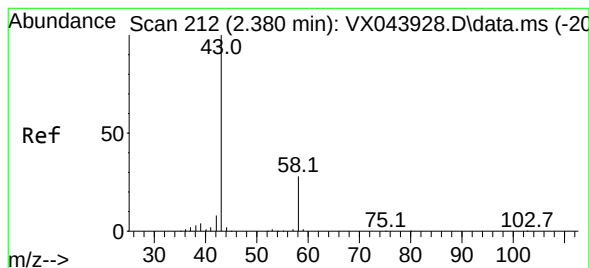
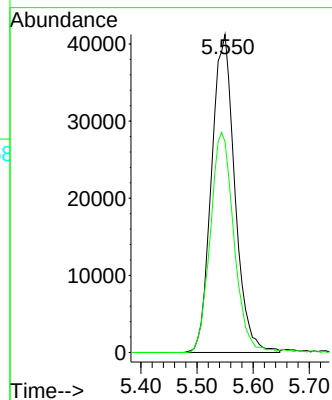
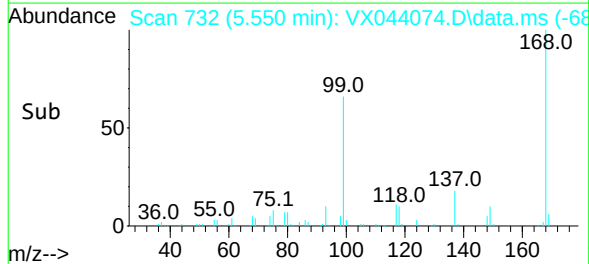


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044074.D
Acq: 02 Dec 2024 18:18

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-1RE

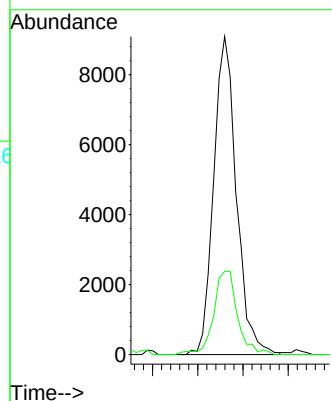
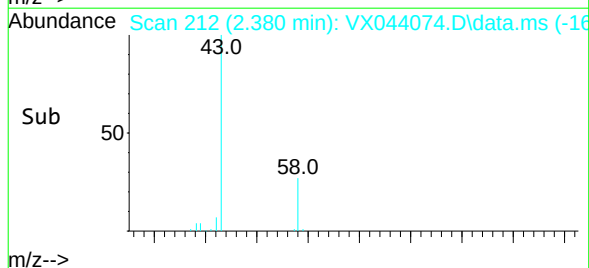
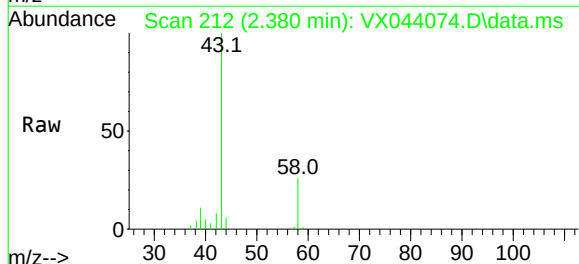


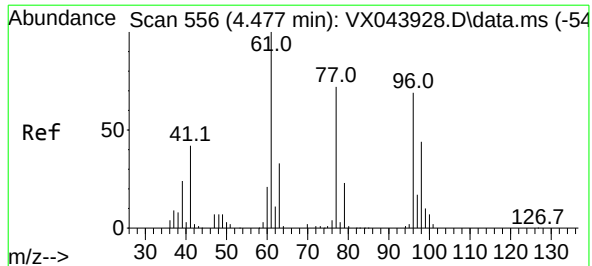
Tgt Ion: 168 Resp: 118857
Ion Ratio Lower Upper
168 100
99 66.2 51.8 77.8



#16
Acetone
Concen: 16.949 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044074.D
Acq: 02 Dec 2024 18:18

Tgt Ion: 43 Resp: 15870
Ion Ratio Lower Upper
43 100
58 26.2 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 4.263 ug/l

RT: 4.483 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX044074.D

Acq: 02 Dec 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-1RE

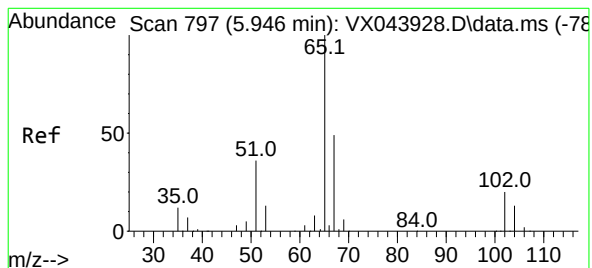
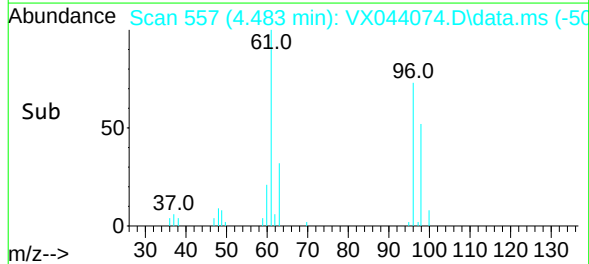
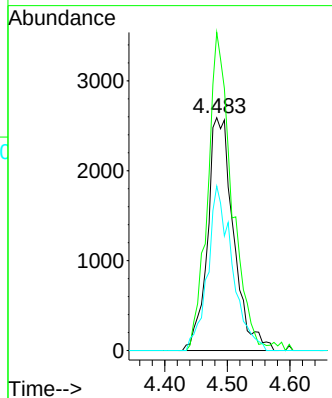
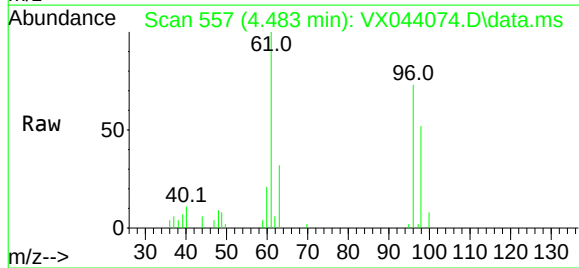
Tgt Ion: 96 Resp: 7451

Ion Ratio Lower Upper

96 100

61 127.3 0.0 297.4

98 66.9 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 52.336 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044074.D

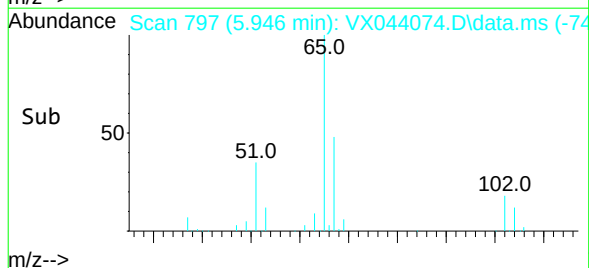
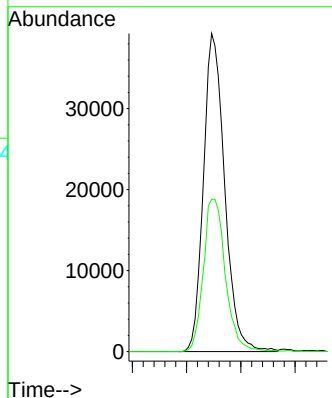
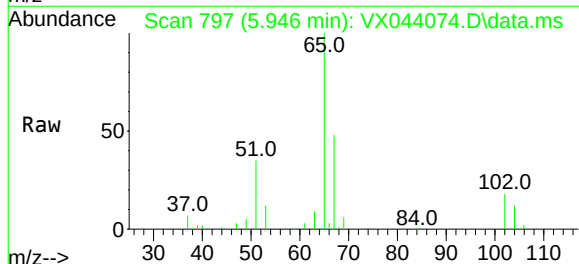
Acq: 02 Dec 2024 18:18

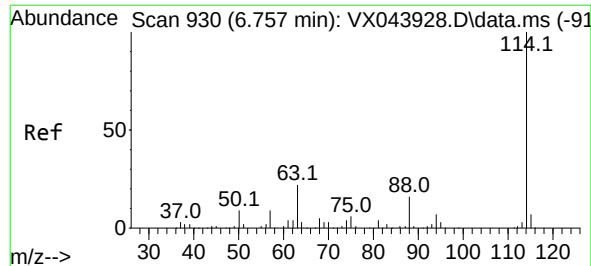
Tgt Ion: 65 Resp: 106693

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044074.D

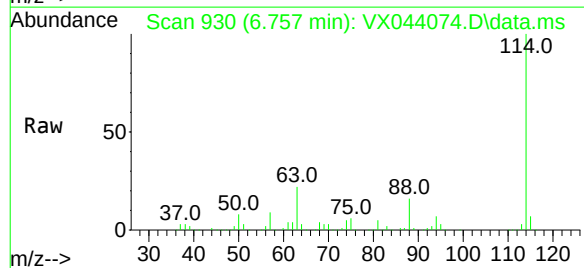
Acq: 02 Dec 2024 18:18

Instrument :

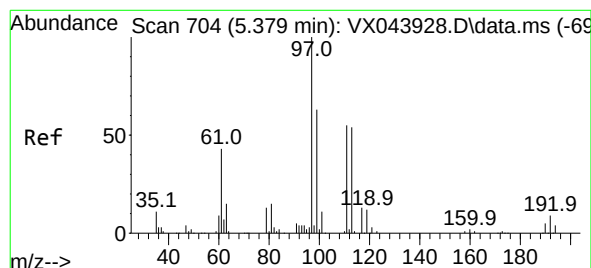
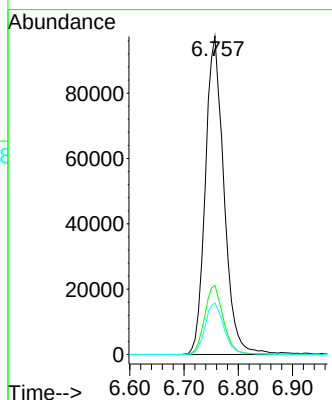
MSVOA_X

ClientSampleId :

SPLP-C4-1RE



Tgt Ion:	114	Resp:	232004
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	16.2	0.0	32.4



#35

Dibromofluoromethane

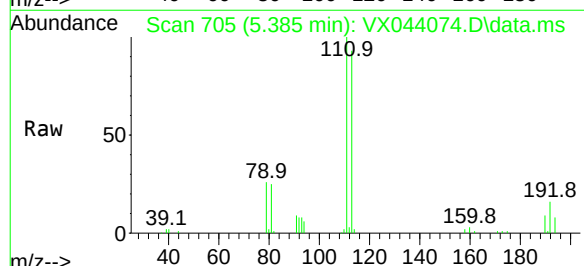
Concen: 34.476 ug/l

RT: 5.385 min Scan# 705

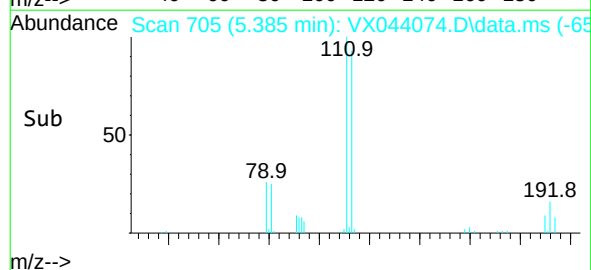
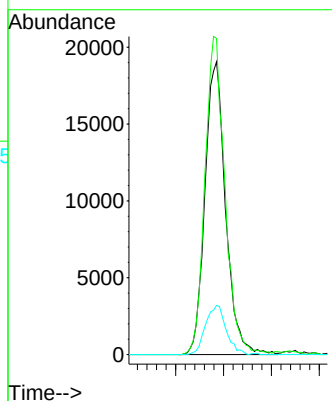
Delta R.T. 0.006 min

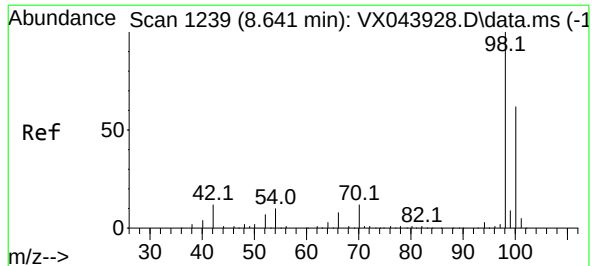
Lab File: VX044074.D

Acq: 02 Dec 2024 18:18



Tgt Ion:	113	Resp:	57154
Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.0	121.4
192	16.8	13.0	19.6





#50

Toluene-d8

Concen: 49.356 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044074.D

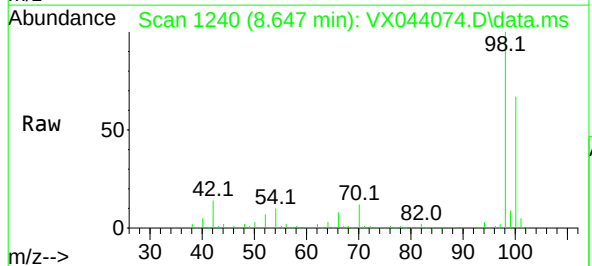
Acq: 02 Dec 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-1RE

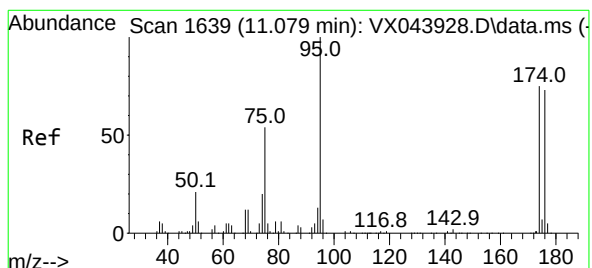
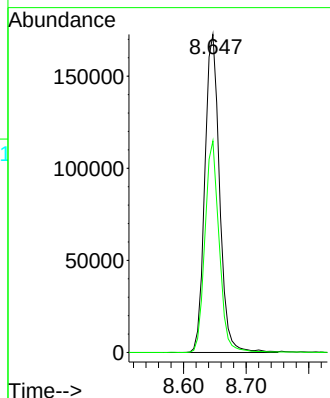
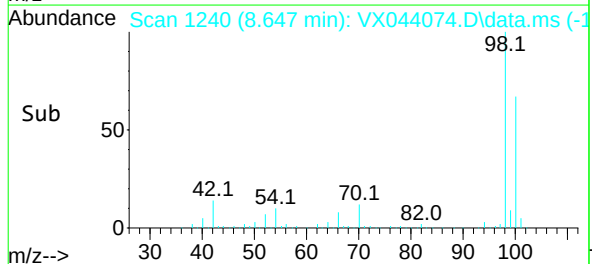


Tgt Ion: 98 Resp: 282050

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 51.132 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044074.D

Acq: 02 Dec 2024 18:18

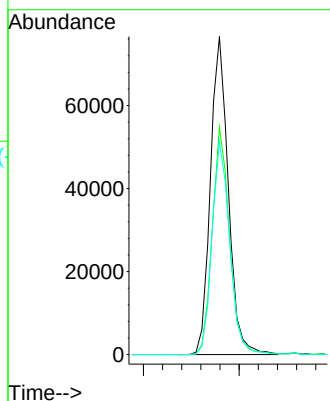
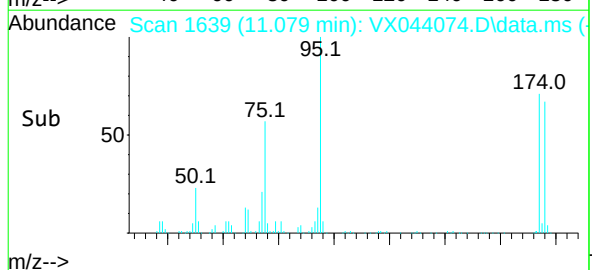
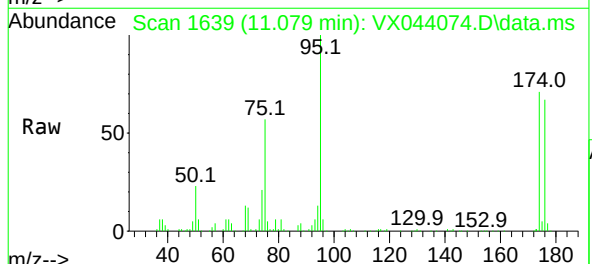
Tgt Ion: 95 Resp: 99442

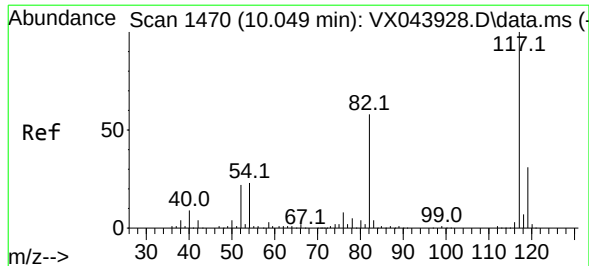
Ion Ratio Lower Upper

95 100

174 69.0 0.0 150.4

176 66.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044074.D

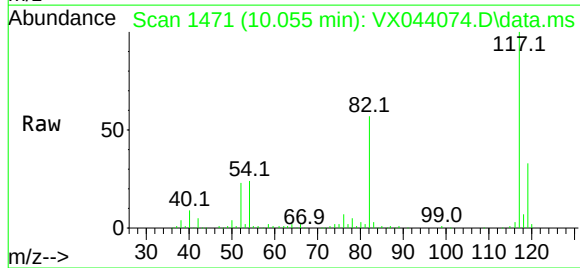
Acq: 02 Dec 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-1RE



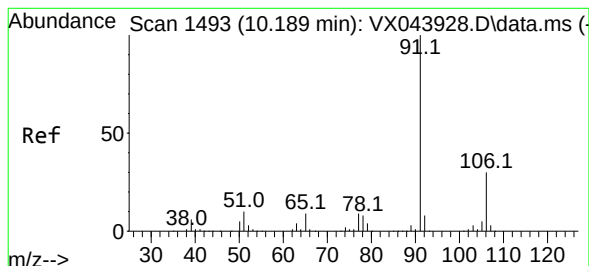
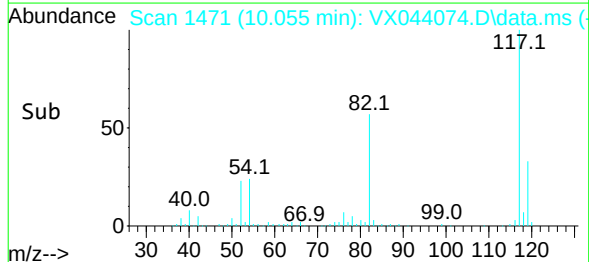
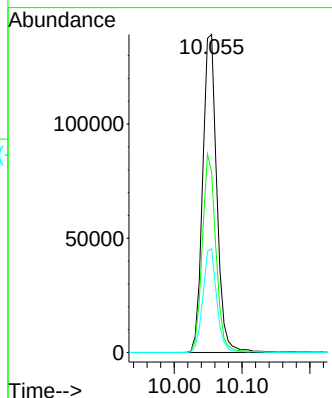
Tgt Ion:117 Resp: 201444

Ion Ratio Lower Upper

117 100

82 56.7 46.4 69.6

119 32.6 24.6 37.0



#67

Ethyl Benzene

Concen: 2.262 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044074.D

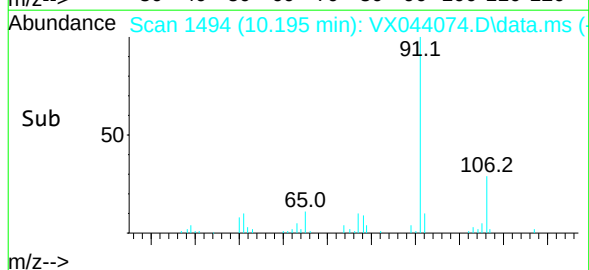
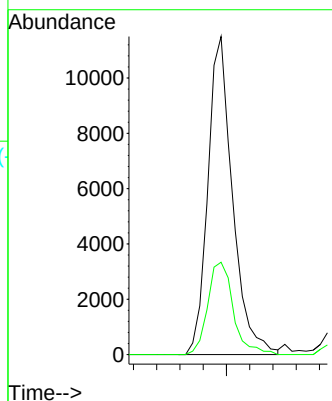
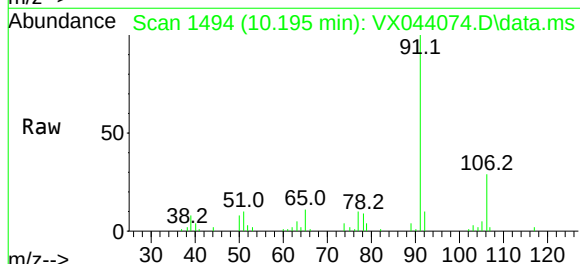
Acq: 02 Dec 2024 18:18

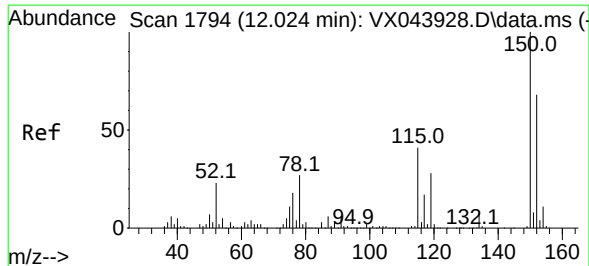
Tgt Ion: 91 Resp: 16960

Ion Ratio Lower Upper

91 100

106 29.0 23.6 35.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VX044074.D

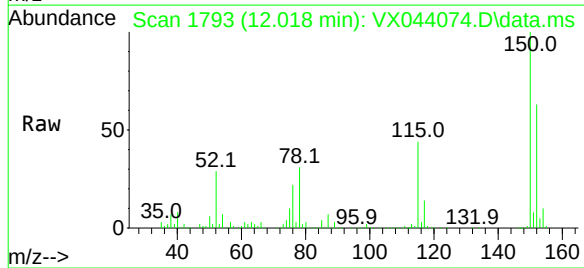
Acq: 02 Dec 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-1RE



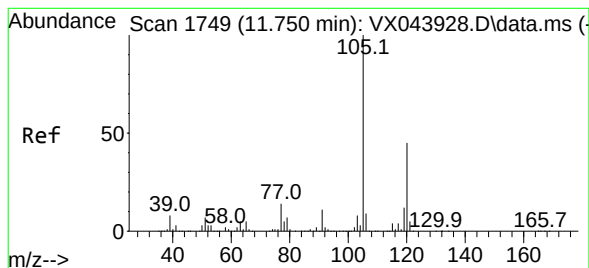
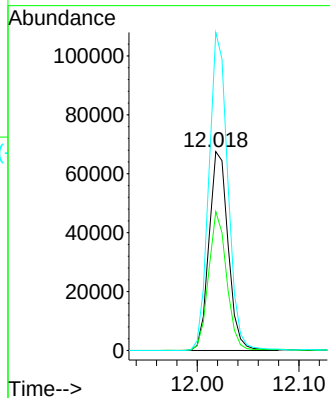
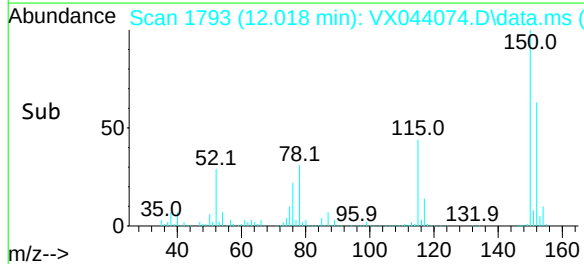
Tgt Ion:152 Resp: 88047

Ion Ratio Lower Upper

152 100

115 66.5 45.4 136.2

150 158.7 0.0 353.0



#84

1,2,4-Trimethylbenzene

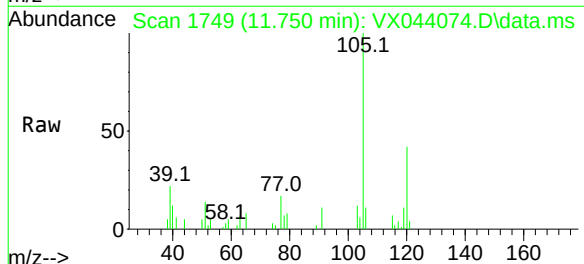
Concen: 1.042 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044074.D

Acq: 02 Dec 2024 18:18

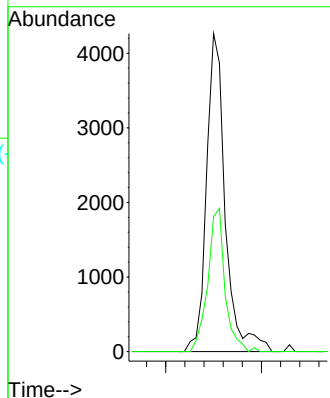
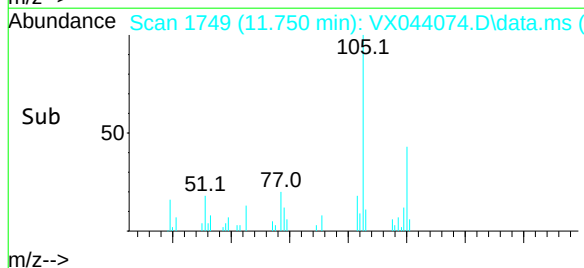


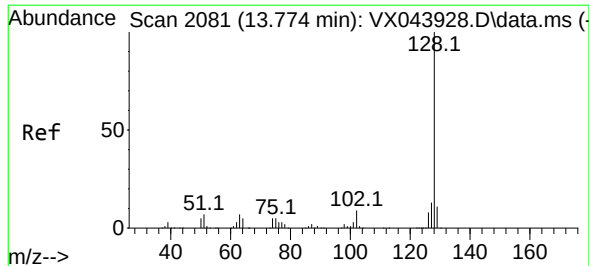
Tgt Ion:105 Resp: 5778

Ion Ratio Lower Upper

105 100

120 41.6 21.9 65.7





#95

Naphthalene

Concen: 104.460 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044074.D

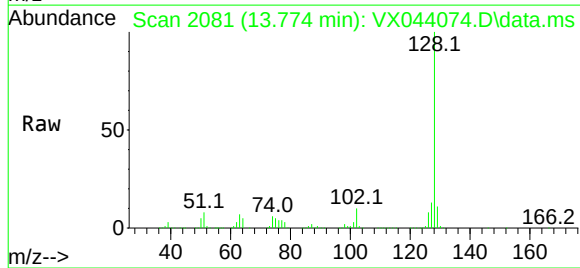
Acq: 02 Dec 2024 18:18

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-1RE



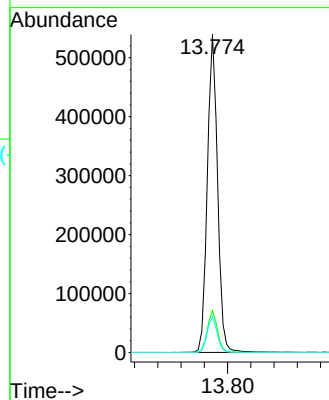
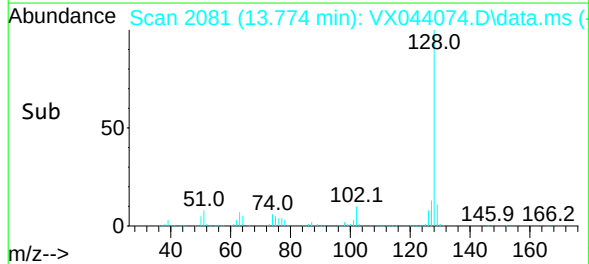
Tgt Ion:128 Resp: 657879

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.0 8.6 12.8





CALIBRATION SUMMARY



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG No.: P5001
 Instrument ID: MSVOA_X Calibration Date(s): 11/21/2024 11/21/2024
 Heated Purge: (Y/N) N Calibration Time(s): 09:47 12:03
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX043925.D		RRF005 = VX043926.D		RRF020 = VX043927.D			
		RRF050 = VX043928.D		RRF100 = VX043929.D		RRF150 = VX043930.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
Dichlorodifluoromethane	0.634	0.633	0.641	0.684	0.601	0.608	0.633	4.6	
Chloromethane	0.578	0.662	0.720	0.697	0.665	0.677	0.667	7.3	
Vinyl Chloride	0.675	0.708	0.730	0.762	0.695	0.684	0.709	4.6	
Bromomethane		0.425	0.438	0.445	0.429	0.442	0.436	2	
Chloroethane	0.579	0.429	0.404	0.459	0.368	0.354	0.432	18.9	
Trichlorofluoromethane	1.038	1.267	1.335	1.357	1.281	1.328	1.268	9.3	
1,1,2-Trichlorotrifluoroethane	0.592	0.585	0.605	0.658	0.589	0.599	0.605	4.5	
1,1-Dichloroethene	0.596	0.530	0.585	0.600	0.572	0.576	0.576	4.4	
Acetone	0.401	0.396	0.401	0.425	0.370	0.370	0.394	5.4	
Carbon Disulfide	1.082	0.956	1.078	1.287	1.330	1.398	1.188	14.6	
Methyl tert-butyl Ether	1.732	1.991	2.212	2.264	2.160	2.192	2.092	9.5	
Methyl Acetate	0.931	0.871	0.911	0.987	0.894	0.910	0.917	4.3	
Methylene Chloride	0.704	0.656	0.684	0.667	0.643	0.655	0.668	3.3	
trans-1,2-Dichloroethene	0.545	0.563	0.609	0.633	0.600	0.619	0.595	5.7	
1,1-Dichloroethane	0.980	1.118	1.221	1.256	1.185	1.208	1.161	8.6	
Cyclohexane		0.911	0.976	1.041	0.926	0.925	0.956	5.6	
2-Butanone	0.448	0.486	0.538	0.567	0.500	0.510	0.508	8.1	
Carbon Tetrachloride	0.439	0.466	0.491	0.558	0.520	0.528	0.500	8.7	
cis-1,2-Dichloroethene	0.674	0.673	0.761	0.792	0.745	0.767	0.735	6.8	
Bromochloromethane	0.501	0.611	0.482	0.450	0.500	0.523	0.511	10.7	
Chloroform	1.070	1.238	1.309	1.316	1.269	1.293	1.249	7.4	
1,1,1-Trichloroethane	0.873	1.005	1.133	1.184	1.119	1.149	1.077	10.9	
Methylcyclohexane	0.544	0.556	0.564	0.656	0.574	0.576	0.578	6.9	
Benzene	1.211	1.369	1.457	1.494	1.388	1.402	1.387	7	
1,2-Dichloroethane	0.499	0.546	0.585	0.603	0.551	0.558	0.557	6.4	
Trichloroethene	0.547	0.372	0.368	0.373	0.345	0.352	0.393	19.5	
1,2-Dichloropropane	0.288	0.322	0.361	0.371	0.346	0.350	0.340	8.8	
Bromodichloromethane	0.349	0.425	0.501	0.544	0.528	0.545	0.482	16.4	
4-Methyl-2-Pentanone	0.437	0.527	0.562	0.606	0.539	0.548	0.537	10.4	
Toluene	0.636	0.839	0.883	0.921	0.850	0.852	0.830	12	

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG No.: P5001
 Instrument ID: MSVOA_X Calibration Date(s): 11/21/2024 11/21/2024
 Heated Purge: (Y/N) N Calibration Time(s): 09:47 12:03
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF001 = VX043925.D		RRF005 = VX043926.D		RRF020 = VX043927.D			
		RRF050 = VX043928.D		RRF100 = VX043929.D		RRF150 = VX043930.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD	
t-1,3-Dichloropropene	0.341	0.413	0.507	0.569	0.549	0.570	0.491	19.2	
cis-1,3-Dichloropropene	0.409	0.462	0.569	0.611	0.580	0.601	0.539	15.4	
1,1,2-Trichloroethane	0.287	0.340	0.375	0.370	0.340	0.345	0.343	9.1	
2-Hexanone	0.297	0.393	0.431	0.471	0.410	0.419	0.403	14.5	
Dibromochloromethane	0.249	0.292	0.344	0.396	0.380	0.401	0.344	18	
1,2-Dibromoethane	0.258	0.339	0.373	0.385	0.358	0.367	0.346	13.3	
Tetrachloroethene	0.304	0.342	0.336	0.349	0.315	0.332	0.330	5.1	
Chlorobenzene	1.050	1.109	1.107	1.145	1.069	1.108	1.098	3.1	
Ethyl Benzene	1.579	1.831	1.910	2.024	1.884	1.938	1.861	8.2	
m/p-Xylenes	0.610	0.663	0.704	0.762	0.700	0.725	0.694	7.6	
o-Xylene	0.543	0.665	0.691	0.757	0.693	0.716	0.678	10.7	
Styrene	0.859	1.025	1.174	1.263	1.186	1.217	1.121	13.5	
Bromoform	0.145	0.200	0.222	0.284	0.286	0.306	0.240	25.9	
Isopropylbenzene	3.435	3.927	3.996	4.097	3.679	3.927	3.843	6.3	
1,1,2,2-Tetrachloroethane	1.198	1.356	1.375	1.393	1.260	1.314	1.316	5.7	
1,3-Dichlorobenzene	1.580	1.656	1.701	1.764	1.623	1.696	1.670	3.9	
1,4-Dichlorobenzene	1.730	1.638	1.706	1.782	1.650	1.710	1.702	3.1	
1,2-Dichlorobenzene	1.506	1.733	1.723	1.768	1.642	1.740	1.685	5.8	
1,2-Dibromo-3-Chloropropane	0.213	0.254	0.252	0.284	0.275	0.304	0.264	12	
1,2,4-Trichlorobenzene	0.849	0.905	0.987	1.084	1.012	1.125	0.994	10.5	
1,2,3-Trichlorobenzene	0.753	0.960	1.055	1.118	1.018	1.130	1.006	13.8	
1,2-Dichloroethane-d4		0.926	0.876	0.751	0.855	0.880	0.858	7.6	
Dibromofluoromethane		0.371	0.353	0.327	0.359	0.376	0.357	5.4	
Toluene-d8		1.327	1.237	1.104	1.232	1.257	1.232	6.6	
4-Bromofluorobenzene		0.401	0.414	0.387	0.438	0.455	0.419	6.6	

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X112124W.M
 Title : SW846 8260
 Last Update : Fri Nov 22 03:45:52 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX043925.D 5 =VX043926.D 20 =VX043927.D 50 =VX043928.D 100 =VX043929.D 150 =VX043930.

D

Compound		1	5	20	50	100	150	Avg	%RSD

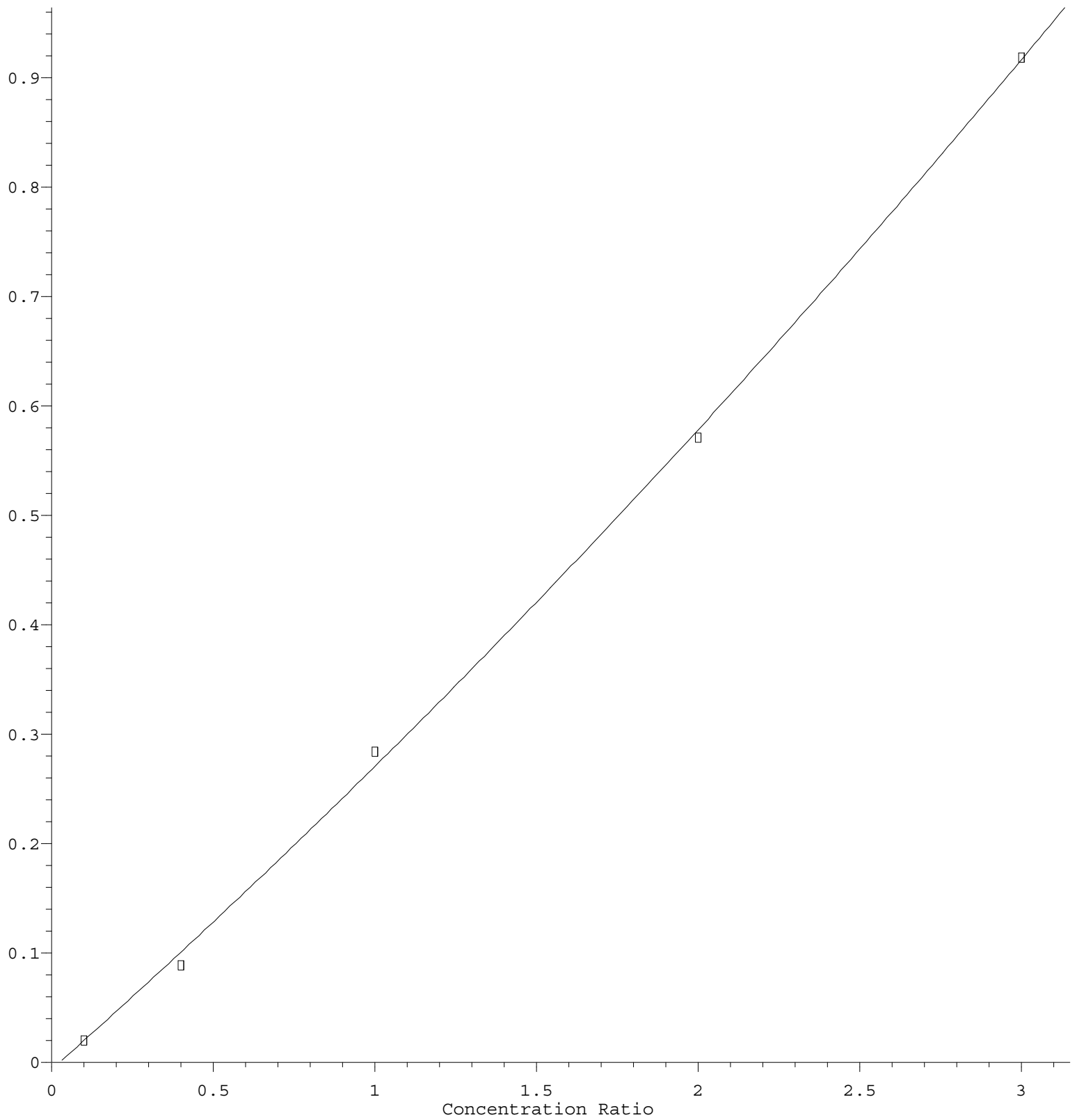
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.634	0.633	0.641	0.684	0.601	0.608	0.633	4.64
3) P	Chloromethane	0.578	0.662	0.720	0.697	0.665	0.677	0.667	7.26
4) C	Vinyl Chloride	0.675	0.708	0.730	0.762	0.695	0.684	0.709	4.56#
5) T	Bromomethane		0.425	0.438	0.445	0.429	0.442	0.436	1.95
6) T	Chloroethane	0.579	0.429	0.404	0.459	0.368	0.354	0.432	18.87
7) T	Trichlorofluor...	1.038	1.267	1.335	1.357	1.281	1.328	1.268	9.27
8) T	Diethyl Ether	0.477	0.430	0.470	0.474	0.455	0.467	0.462	3.80
9) T	1,1,2-Trichlor...	0.592	0.585	0.605	0.658	0.589	0.599	0.605	4.47
10) T	Methyl Iodide		0.656	0.782	0.809	0.773	0.755	0.755	7.75
11) T	Tert butyl alc...		0.123	0.133	0.145	0.134	0.154	0.138	8.73
12) CM	1,1-Dichloroet...	0.596	0.530	0.585	0.600	0.572	0.576	0.576	4.38#
13) T	Acrolein		0.158	0.128	0.145	0.145	0.148	0.145	7.53
14) T	Allyl chloride	0.796	0.854	0.964	1.044	0.998	0.993	0.941	10.17
15) T	Acrylonitrile	0.301	0.322	0.343	0.370	0.332	0.345	0.335	6.97
16) T	Acetone	0.401	0.396	0.401	0.425	0.370	0.370	0.394	5.39
17) T	Carbon Disulfide	1.082	0.956	1.078	1.287	1.330	1.398	1.188	14.64
18) T	Methyl Acetate	0.931	0.871	0.911	0.987	0.894	0.910	0.917	4.32
19) T	Methyl tert-bu...	1.732	1.991	2.212	2.264	2.160	2.192	2.092	9.52
20) T	Methylene Chlo...	0.704	0.656	0.684	0.667	0.643	0.655	0.668	3.33
21) T	trans-1,2-Dich...	0.545	0.563	0.609	0.633	0.600	0.619	0.595	5.72
22) T	Diisopropyl ether	1.638	1.930	2.170	2.162	2.071	2.106	2.013	10.09
23) T	Vinyl Acetate	1.244	1.542	1.833	1.941	1.858	1.914	1.722	15.93
24) P	1,1-Dichloroet...	0.980	1.118	1.221	1.256	1.185	1.208	1.161	8.63
25) T	2-Butanone	0.448	0.486	0.538	0.567	0.500	0.510	0.508	8.10
26) T	2,2-Dichloropr...	0.902	0.997	1.062	1.141	1.082	1.109	1.049	8.28
27) T	cis-1,2-Dichlo...	0.674	0.673	0.761	0.792	0.745	0.767	0.735	6.83
28) T	Bromochloromet...	0.501	0.611	0.482	0.450	0.500	0.523	0.511	10.68
29) T	Tetrahydrofuran	0.286	0.312	0.319	0.338	0.303	0.311	0.312	5.49
30) C	Chloroform	1.070	1.238	1.309	1.316	1.269	1.293	1.249	7.41#
31) T	Cyclohexane		0.911	0.976	1.041	0.926	0.925	0.956	5.60
32) T	1,1,1-Trichlor...	0.873	1.005	1.133	1.184	1.119	1.149	1.077	10.86
33) S	1,2-Dichloroet...		0.926	0.876	0.751	0.855	0.880	0.858	7.57
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.371	0.353	0.327	0.359	0.376	0.357	5.43
36) T	1,1-Dichloropr...	0.382	0.430	0.449	0.494	0.452	0.465	0.445	8.36
37) T	Ethyl Acetate	0.517	0.549	0.549	0.610	0.539	0.552	0.553	5.61
38) T	Carbon Tetrach...	0.439	0.466	0.491	0.558	0.520	0.528	0.500	8.69
39) T	Methylcyclohexane	0.544	0.556	0.564	0.656	0.574	0.576	0.578	6.91
40) TM	Benzene	1.211	1.369	1.457	1.494	1.388	1.402	1.387	7.04
41) T	Methacrylonitrile	0.219	0.278	0.292	0.329	0.291	0.289	0.283	12.67
42) TM	1,2-Dichloroet...	0.499	0.546	0.585	0.603	0.551	0.558	0.557	6.41
43) T	Isopropyl Acetate	0.745	0.840	0.893	0.976	0.894	0.928	0.880	9.07
44) TM	Trichloroethene	0.547	0.372	0.368	0.373	0.345	0.352	0.393	19.47
45) C	1,2-Dichloropr...	0.288	0.322	0.361	0.371	0.346	0.350	0.340	8.84#
46) T	Dibromomethane	0.239	0.240	0.280	0.293	0.276	0.284	0.269	8.58
47) T	Bromodichlorom...	0.349	0.425	0.501	0.544	0.528	0.545	0.482	16.40
48) T	Methyl methacr...	0.387	0.385	0.423	0.467	0.427	0.443	0.422	7.57
49) T	1,4-Dioxane	0.006	0.008	0.008	0.008	0.008	0.007	0.008	11.13
50) S	Toluene-d8		1.327	1.237	1.104	1.232	1.257	1.232	6.58
51) T	4-Methyl-2-Pen...	0.437	0.527	0.562	0.606	0.539	0.548	0.537	10.41
52) CM	Toluene	0.636	0.839	0.883	0.921	0.850	0.852	0.830	12.02#
53) T	t-1,3-Dichloro...	0.341	0.413	0.507	0.569	0.549	0.570	0.491	19.21
54) T	cis-1,3-Dichlo...	0.409	0.462	0.569	0.611	0.580	0.601	0.539	15.38
55) T	1,1,2-Trichlor...	0.287	0.340	0.375	0.370	0.340	0.345	0.343	9.13

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\										
Method File : 82X112124W.M										
56)	T	Ethyl methacry...	0.379	0.467	0.571	0.614	0.582	0.590	0.534	17.12
57)	T	1,3-Dichloropr...	0.480	0.574	0.620	0.625	0.579	0.585	0.577	9.04
58)	T	2-Chloroethyl ...	0.159	0.327	0.276	0.307	0.284	0.287	0.273	21.65
59)	T	2-Hexanone	0.297	0.393	0.431	0.471	0.410	0.419	0.403	14.49
60)	T	Dibromochlorom...	0.249	0.292	0.344	0.396	0.380	0.401	0.344	17.98
61)	T	1,2-Dibromoethane	0.258	0.339	0.373	0.385	0.358	0.367	0.346	13.33
62)	S	4-Bromofluorob...	0.401	0.414	0.387	0.438	0.455	0.419		6.61
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.304	0.342	0.336	0.349	0.315	0.332	0.330	5.14
65)	PM	Chlorobenzene	1.050	1.109	1.107	1.145	1.069	1.108	1.098	3.05
66)	T	1,1,1,2-Tetrac...	0.260	0.332	0.371	0.395	0.382	0.396	0.356	14.75
67)	C	Ethyl Benzene	1.579	1.831	1.910	2.024	1.884	1.938	1.861	8.19#
68)	T	m/p-Xylenes	0.610	0.663	0.704	0.762	0.700	0.725	0.694	7.57
69)	T	o-Xylene	0.543	0.665	0.691	0.757	0.693	0.716	0.678	10.75
70)	T	Styrene	0.859	1.025	1.174	1.263	1.186	1.217	1.121	13.47
71)	P	Bromoform	0.145	0.200	0.222	0.284	0.286	0.306	0.240	25.88
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.435	3.927	3.996	4.097	3.679	3.927	3.843	6.32
74)	T	N-amyl acetate	1.249	1.648	1.867	1.996	1.895	2.029	1.780	16.45
75)	P	1,1,2,2-Tetrac...	1.198	1.356	1.375	1.393	1.260	1.314	1.316	5.70
76)	T	1,2,3-Trichlor...	0.863	1.246	1.153	1.181	1.053	1.084	1.096	12.17
77)	T	Bromobenzene	0.794	0.958	0.955	0.975	0.883	0.936	0.917	7.40
78)	T	n-propylbenzene	3.667	4.115	4.469	4.733	4.286	4.486	4.293	8.63
79)	T	2-Chlorotoluene	2.487	2.766	2.868	2.857	2.581	2.726	2.714	5.62
80)	T	1,3,5-Trimethy...	2.704	3.115	3.352	3.444	3.118	3.238	3.162	8.19
81)	T	trans-1,4-Dich...	0.298	0.374	0.443	0.423	0.471	0.402		16.90
82)	T	4-Chlorotoluene	2.660	3.005	3.187	3.329	3.025	3.180	3.064	7.54
83)	T	tert-Butylbenzene	2.581	3.097	3.266	3.440	3.152	3.269	3.134	9.42
84)	T	1,2,4-Trimethy...	2.557	3.173	3.366	3.440	3.124	3.228	3.148	9.95
85)	T	sec-Butylbenzene	3.116	3.921	3.968	4.249	3.812	3.974	3.840	9.97
86)	T	p-Isopropyltol...	2.255	3.043	3.316	3.521	3.219	3.362	3.119	14.50
87)	T	1,3-Dichlorobe...	1.580	1.656	1.701	1.764	1.623	1.696	1.670	3.88
88)	T	1,4-Dichlorobe...	1.730	1.638	1.706	1.782	1.650	1.710	1.702	3.10
89)	T	n-Butylbenzene	1.897	2.580	2.805	3.184	2.909	3.126	2.750	17.18
90)	T	Hexachloroethane	0.450	0.443	0.496	0.588	0.581	0.625	0.530	14.64
91)	T	1,2-Dichlorobe...	1.506	1.733	1.723	1.768	1.642	1.740	1.685	5.79
92)	T	1,2-Dibromo-3-...	0.213	0.254	0.252	0.284	0.275	0.304	0.264	12.00
93)	T	1,2,4-Trichlor...	0.849	0.905	0.987	1.084	1.012	1.125	0.994	10.53
94)	T	Hexachlorobuta...	0.382	0.384	0.376	0.411	0.384	0.419	0.393	4.54
95)	T	Naphthalene	2.605	3.361	3.698	4.005	3.733	4.058	3.576	15.03
96)	T	1,2,3-Trichlor...	0.753	0.960	1.055	1.118	1.018	1.130	1.006	13.83

(#) = Out of Range

Bromoform

Response Ratio



$R = 1.533e-002 A^2 + 2.616e-001 A - 6.311e-003$
 Coef of Det (r^2) = 0.999408 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X112124W.M
 Calibration Table Last Updated: Fri Nov 22 03:45:52 2024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043923.D
 Acq On : 20 Nov 2024 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 21 07:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 07:00:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	138810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	250758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123698	58.016	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.040%
35) Dibromofluoromethane	5.379	113	92258	54.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.580%
50) Toluene-d8	8.647	98	312682	55.587	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.180%
62) 4-Bromofluorobenzene	11.079	95	112440	60.492	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	120.980%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	87148	62.046	ug/l	98
3) Chloromethane	1.294	50	98071	55.867	ug/l	99
4) Vinyl Chloride	1.374	62	98663	55.940	ug/l	97
5) Bromomethane	1.593	94	55648	69.459	ug/l	100
6) Chloroethane	1.660	64	49530	58.791	ug/l	99
7) Trichlorofluoromethane	1.867	101	174189	69.274	ug/l	100
8) Diethyl Ether	2.136	74	61407	64.776	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	78888	53.013	ug/l	98
10) Methyl Iodide	2.441	142	108199	51.664	ug/l	95
11) Tert butyl alcohol	3.001	59	96228	283.818	ug/l	99
12) 1,1-Dichloroethene	2.306	96	77411	53.599	ug/l	87
13) Acrolein	2.239	56	103637	272.556	ug/l	99
14) Allyl chloride	2.654	41	136615	58.343	ug/l	89
15) Acrylonitrile	3.068	53	241080	276.221	ug/l	98
16) Acetone	2.392	43	227575	265.748	ug/l	93
17) Carbon Disulfide	2.502	76	170454	54.052	ug/l	99
18) Methyl Acetate	2.703	43	128026	54.593	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	308920	57.868	ug/l	99
20) Methylene Chloride	2.782	84	92077	51.368	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	87463	55.548	ug/l	97
22) Diisopropyl ether	3.763	45	296742	58.005	ug/l	96
23) Vinyl Acetate	3.721	43	1303089	314.256	ug/l	98
24) 1,1-Dichloroethane	3.605	63	169925	56.478	ug/l	100
25) 2-Butanone	4.562	43	345310	288.244	ug/l	97
26) 2,2-Dichloropropane	4.465	77	141245	57.127	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	106274	54.236	ug/l	96
28) Bromochloromethane	4.891	49	68700	54.265	ug/l	94
29) Tetrahydrofuran	5.007	42	220135	284.374	ug/l	97
30) Chloroform	5.086	83	178903	57.044	ug/l	100
31) Cyclohexane	5.458	56	128800	52.818	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	155630	58.048	ug/l	98
36) 1,1-Dichloropropene	5.684	75	112658	53.685	ug/l	99
37) Ethyl Acetate	4.715	43	139478	59.057	ug/l	97
38) Carbon Tetrachloride	5.666	117	124606	56.086	ug/l	98
39) Methylcyclohexane	7.373	83	138032	52.543	ug/l	97
40) Benzene	6.031	78	349857	53.028	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043923.D
 Acq On : 20 Nov 2024 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX112124

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 07:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 07:00:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	73757	59.928	ug/l	96
42) 1,2-Dichloroethane	6.080	62	141058	58.882	ug/l	97
43) Isopropyl Acetate	6.342	43	224533	60.266	ug/l	94
44) Trichloroethene	7.123	130	87313	48.004	ug/l	99
45) 1,2-Dichloropropane	7.427	63	87107	53.869	ug/l	100
46) Dibromomethane	7.580	93	69900	57.366	ug/l	95
47) Bromodichloromethane	7.818	83	125370	58.559	ug/l	97
48) Methyl methacrylate	7.696	41	105250	56.995	ug/l #	88
49) 1,4-Dioxane	7.665	88	45681m	1161.399	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	689501	296.806	ug/l	95
52) Toluene	8.714	92	217080	57.032	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	128331	59.078	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	139851	56.813	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	86975	58.565	ug/l	98
56) Ethyl methacrylate	9.116	69	141716	60.268	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	146448	58.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	346010	280.598	ug/l	98
59) 2-Hexanone	9.433	43	513732	313.432	ug/l	94
60) Dibromochloromethane	9.519	129	90863	62.789	ug/l	99
61) 1,2-Dibromoethane	9.610	107	89087	57.509	ug/l	98
64) Tetrachloroethene	9.269	164	69945	51.529	ug/l	97
65) Chlorobenzene	10.079	112	230498	52.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	80691	54.848	ug/l	97
67) Ethyl Benzene	10.189	91	404866	54.424	ug/l	98
68) m/p-Xylenes	10.299	106	300638	108.500	ug/l	96
69) o-Xylene	10.640	106	149788	55.404	ug/l	99
70) Styrene	10.652	104	250564	56.236	ug/l	97
71) Bromoform	10.799	173	56733	49.198	ug/l #	97
73) Isopropylbenzene	10.963	105	387920	53.117	ug/l	99
74) N-amyl acetate	10.841	43	193137	51.587	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	134303	54.391	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	110813m	53.071	ug/l	
77) Bromobenzene	11.195	156	92179	51.501	ug/l	98
78) n-propylbenzene	11.305	91	441866	54.835	ug/l	98
79) 2-Chlorotoluene	11.366	91	277003	54.025	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	322601	53.291	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	39924	48.469	ug/l	93
82) 4-Chlorotoluene	11.451	91	313937	53.165	ug/l	98
83) tert-Butylbenzene	11.713	119	320262	51.719	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	327564	53.283	ug/l	98
85) sec-Butylbenzene	11.890	105	389571	52.682	ug/l	99
86) p-Isopropyltoluene	12.006	119	325801	52.472	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	168646	50.841	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	167075	49.126	ug/l	98
89) n-Butylbenzene	12.329	91	283194	53.527	ug/l	98
90) Hexachloroethane	12.536	117	55605	46.087	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	169920	48.926	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27323	45.200	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	98885	48.719	ug/l	97
94) Hexachlorobutadiene	13.725	225	39642	47.658	ug/l	98
95) Naphthalene	13.774	128	381936	50.468	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	104145	49.248	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

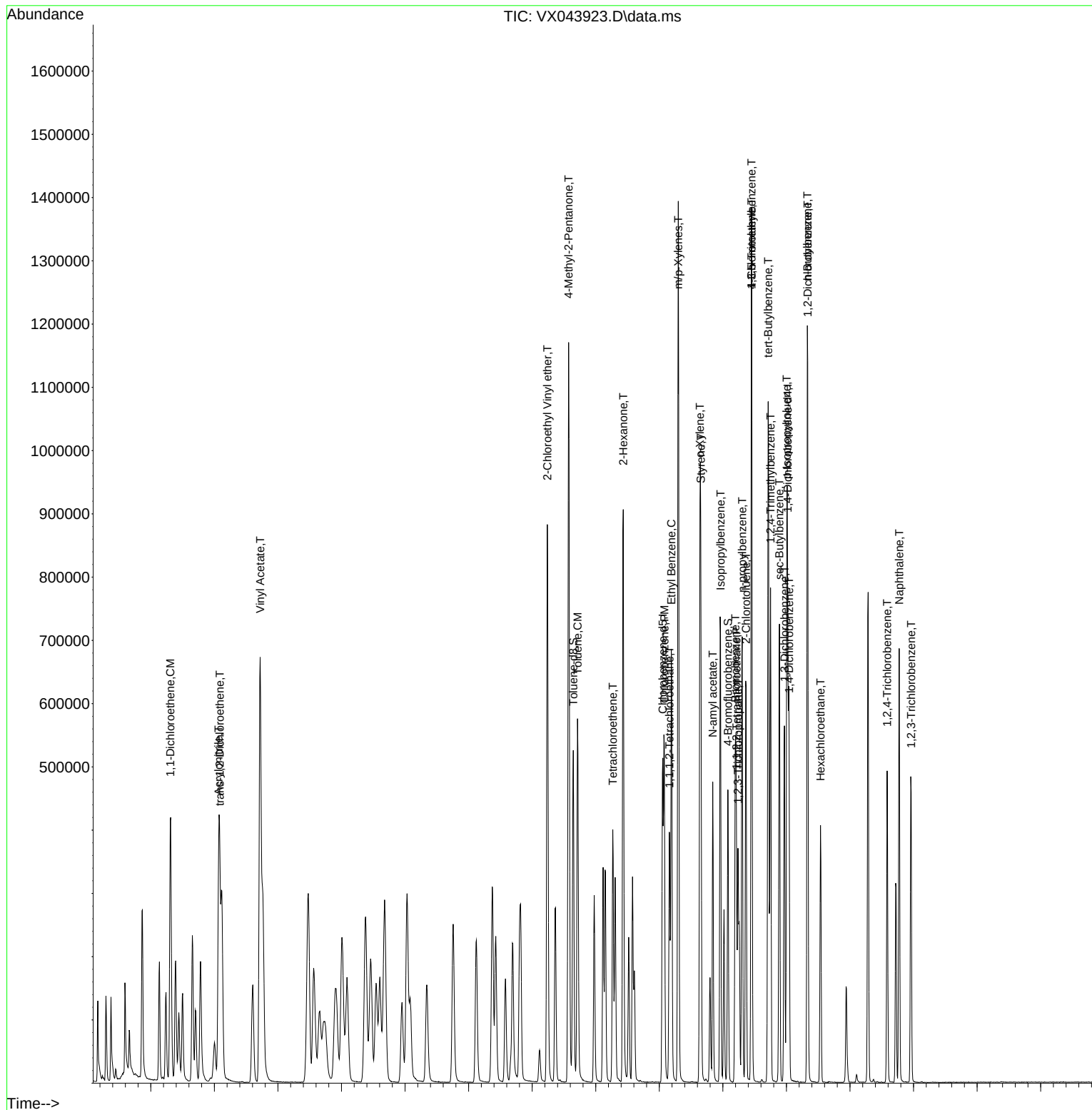
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043923.D
 Acq On : 20 Nov 2024 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 21 07:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 07:00:56 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	78	0.00
2 T	Dichlorodifluoromethane	0.611	0.628	-2.8	89	0.00
3 P	Chloromethane	0.660	0.707	-7.1	84	0.00
4 C	Vinyl Chloride	0.680	0.711	-4.6#	94	0.00
5 T	Bromomethane	0.408	0.401	1.7	102	0.00
6 T	Chloroethane	0.401	0.357	11.0	102	0.00
7 T	Trichlorofluoromethane	1.197	1.255	-4.8	105	0.00
8 T	Diethyl Ether	0.440	0.442	-0.5	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.584	0.568	2.7	83	0.00
10 T	Methyl Iodide	0.749	0.779	-4.0	78	0.00
11 T	Tert butyl alcohol	0.138	0.139	-0.7	93	0.00
12 CM	1,1-Dichloroethene	0.566	0.558	1.4#	80	0.00
13 T	Acrolein	0.145	0.149	-2.8	81	0.00
14 T	Allyl chloride	0.921	0.984	-6.8	83	0.00
15 T	Acrylonitrile	0.328	0.347	-5.8	83	0.00
16 T	Acetone	0.373	0.328	12.1	85	0.00
17 T	Carbon Disulfide	1.163	1.228	-5.6	84	0.00
18 T	Methyl Acetate	0.892	0.922	-3.4	86	0.00
19 T	Methyl tert-butyl Ether	2.047	2.225	-8.7	87	0.00
20 T	Methylene Chloride	0.662	0.663	-0.2	82	0.00
21 T	trans-1,2-Dichloroethene	0.586	0.630	-7.5	84	0.00
22 T	Diisopropyl ether	1.969	2.138	-8.6	87	0.00
23 T	Vinyl Acetate	1.666	1.878	-12.7	91	0.00
24 P	1,1-Dichloroethane	1.137	1.224	-7.7	86	0.00
25 T	2-Butanone	0.489	0.498	-1.8	86	0.00
26 T	2,2-Dichloropropane	1.009	1.018	-0.9	87	0.00
27 T	cis-1,2-Dichloroethene	0.723	0.766	-5.9	83	0.00
28 T	Bromochloromethane	0.512	0.495	3.3	84	0.00
29 T	Tetrahydrofuran	0.303	0.317	-4.6	86	0.00
30 C	Chloroform	1.221	1.289	-5.6#	87	0.00
31 T	Cyclohexane	0.922	0.928	-0.7	83	0.00
32 T	1,1,1-Trichloroethane	1.047	1.121	-7.1	87	0.00
33 S	1,2-Dichloroethane-d4	0.864	0.891	-3.1	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.360	0.368	-2.2	82	0.00
36 T	1,1-Dichloropropene	0.431	0.449	-4.2	84	0.00
37 T	Ethyl Acetate	0.514	0.556	-8.2	90	0.00
38 T	Carbon Tetrachloride	0.480	0.497	-3.5	87	0.00
39 T	Methylcyclohexane	0.555	0.550	0.9	81	0.00
40 TM	Benzene	1.360	1.395	-2.6	80	0.00
41 T	Methacrylonitrile	0.274	0.294	-7.3	87	0.00
42 TM	1,2-Dichloroethane	0.536	0.563	-5.0	90	0.00
43 T	Isopropyl Acetate	0.840	0.895	-6.5	92	0.00
44 TM	Trichloroethene	0.385	0.348	9.6	82	0.00
45 C	1,2-Dichloropropane	0.331	0.347	-4.8#	82	0.00
46 T	Dibromomethane	0.260	0.279	-7.3	87	0.00
47 T	Bromodichloromethane	0.467	0.500	-7.1	84	0.00
48 T	Methyl methacrylate	0.388	0.420	-8.2	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043923.D
 Acq On : 20 Nov 2024 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 21 07:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 07:00:56 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.009	-50.0#	120	0.00
50 S	Toluene-d8	1.247	1.247	0.0	80	0.00
51 T	4-Methyl-2-Pentanone	0.515	0.550	-6.8	88	0.00
52 CM	Toluene	0.812	0.866	-6.7#	81	0.00
53 T	t-1,3-Dichloropropene	0.475	0.512	-7.8	83	0.00
54 T	cis-1,3-Dichloropropene	0.521	0.558	-7.1	84	0.00
55 T	1,1,2-Trichloroethane	0.335	0.347	-3.6	82	0.00
56 T	Ethyl methacrylate	0.519	0.565	-8.9	82	0.00
57 T	1,3-Dichloropropane	0.564	0.584	-3.5	81	0.00
58 T	2-Chloroethyl Vinyl ether	0.265	0.276	-4.2	82	0.00
59 T	2-Hexanone	0.384	0.410	-6.8	88	0.00
60 T	Dibromochloromethane	0.333	0.362	-8.7	84	0.00
61 T	1,2-Dibromoethane	0.337	0.355	-5.3	82	0.00
62 S	4-Bromofluorobenzene	0.426	0.448	-5.2	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.325	0.331	-1.8	79	0.00
65 PM	Chlorobenzene	1.085	1.089	-0.4	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.350	0.381	-8.9	81	0.00
67 C	Ethyl Benzene	1.828	1.913	-4.6#	80	0.00
68 T	m/p-Xylenes	0.682	0.710	-4.1	78	0.00
69 T	o-Xylene	0.665	0.708	-6.5	79	0.00
70 T	Styrene	1.104	1.184	-7.2	78	0.00
71 P	Bromoform	0.234	0.268	-14.5	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.765	3.792	-0.7	81	0.00
74 T	N-amyl acetate	1.717	1.888	-10.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.289	1.313	-1.9	82	0.00
76 T	1,2,3-Trichloropropane	1.069	1.083	-1.3	82	0.00
77 T	Bromobenzene	0.902	0.901	0.1	78	0.00
78 T	n-propylbenzene	4.192	4.319	-3.0	81	0.00
79 T	2-Chlorotoluene	2.665	2.707	-1.6	81	0.00
80 T	1,3,5-Trimethylbenzene	3.096	3.153	-1.8	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.388	0.390	-0.5	80	0.00
82 T	4-Chlorotoluene	3.000	3.068	-2.3	80	0.00
83 T	tert-Butylbenzene	3.073	3.130	-1.9	78	0.00
84 T	1,2,4-Trimethylbenzene	3.094	3.202	-3.5	79	0.00
85 T	sec-Butylbenzene	3.750	3.808	-1.5	79	0.00
86 T	p-Isopropyltoluene	3.057	3.184	-4.2	78	0.00
87 T	1,3-Dichlorobenzene	1.647	1.648	-0.1	78	0.00
88 T	1,4-Dichlorobenzene	1.648	1.633	0.9	78	0.00
89 T	n-Butylbenzene	2.657	2.768	-4.2	81	0.00
90 T	Hexachloroethane	0.515	0.543	-5.4	85	0.00
91 T	1,2-Dichlorobenzene	1.665	1.661	0.2	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.258	0.267	-3.5	83	0.00
93 T	1,2,4-Trichlorobenzene	0.976	0.967	0.9	76	0.00
94 T	Hexachlorobutadiene	0.386	0.387	-0.3	80	0.00
95 T	Naphthalene	3.532	3.733	-5.7	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICV VX112124

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.991	1.018	-2.7	76	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043923.D
 Acq On : 20 Nov 2024 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 21 07:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 07:00:56 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	78	0.00
2 T	Dichlorodifluoromethane	50.000	62.046	-24.1	89	0.00
3 P	Chloromethane	50.000	55.867	-11.7	84	0.00
4 C	Vinyl Chloride	50.000	55.940	-11.9#	94	0.00
5 T	Bromomethane	50.000	69.459	-38.9#	102	0.00
6 T	Chloroethane	50.000	58.791	-17.6	102	0.00
7 T	Trichlorofluoromethane	50.000	69.274	-38.5#	105	0.00
8 T	Diethyl Ether	50.000	64.776	-29.6#	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.013	-6.0	83	0.00
10 T	Methyl Iodide	50.000	51.664	-3.3	78	0.00
11 T	Tert butyl alcohol	250.000	283.818	-13.5	93	0.00
12 CM	1,1-Dichloroethene	50.000	53.599	-7.2#	80	0.00
13 T	Acrolein	250.000	272.556	-9.0	81	0.00
14 T	Allyl chloride	50.000	58.343	-16.7	83	0.00
15 T	Acrylonitrile	250.000	276.221	-10.5	83	0.00
16 T	Acetone	250.000	265.748	-6.3	85	0.00
17 T	Carbon Disulfide	50.000	54.052	-8.1	84	0.00
18 T	Methyl Acetate	50.000	54.593	-9.2	86	0.00
19 T	Methyl tert-butyl Ether	50.000	57.868	-15.7	87	0.00
20 T	Methylene Chloride	50.000	51.368	-2.7	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.548	-11.1	84	0.00
22 T	Diisopropyl ether	50.000	58.005	-16.0	87	0.00
23 T	Vinyl Acetate	250.000	314.256	-25.7#	91	0.00
24 P	1,1-Dichloroethane	50.000	56.478	-13.0	86	0.00
25 T	2-Butanone	250.000	288.244	-15.3	86	0.00
26 T	2,2-Dichloropropane	50.000	57.127	-14.3	87	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.236	-8.5	83	0.00
28 T	Bromochloromethane	50.000	54.265	-8.5	84	0.00
29 T	Tetrahydrofuran	250.000	284.374	-13.7	86	0.00
30 C	Chloroform	50.000	57.044	-14.1#	87	0.00
31 T	Cyclohexane	50.000	52.818	-5.6	83	0.00
32 T	1,1,1-Trichloroethane	50.000	58.048	-16.1	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.016	-16.0	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35 S	Dibromofluoromethane	50.000	54.792	-9.6	82	0.00
36 T	1,1-Dichloropropene	50.000	53.685	-7.4	84	0.00
37 T	Ethyl Acetate	50.000	59.057	-18.1	90	0.00
38 T	Carbon Tetrachloride	50.000	56.086	-12.2	87	0.00
39 T	Methylcyclohexane	50.000	52.543	-5.1	81	0.00
40 TM	Benzene	50.000	53.028	-6.1	80	0.00
41 T	Methacrylonitrile	50.000	59.928	-19.9	87	0.00
42 TM	1,2-Dichloroethane	50.000	58.882	-17.8	90	0.00
43 T	Isopropyl Acetate	50.000	60.266	-20.5	92	0.00
44 TM	Trichloroethene	50.000	48.004	4.0	82	0.00
45 C	1,2-Dichloropropane	50.000	53.869	-7.7#	82	0.00
46 T	Dibromomethane	50.000	57.366	-14.7	87	0.00
47 T	Bromodichloromethane	50.000	58.559	-17.1	84	0.00
48 T	Methyl methacrylate	50.000	56.995	-14.0	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043923.D
 Acq On : 20 Nov 2024 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 21 07:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 07:00:56 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1161.399	-16.1	120	0.00
50 S	Toluene-d8	50.000	55.587	-11.2	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	296.806	-18.7	88	0.00
52 CM	Toluene	50.000	57.032	-14.1#	81	0.00
53 T	t-1,3-Dichloropropene	50.000	59.078	-18.2	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.813	-13.6	84	0.00
55 T	1,1,2-Trichloroethane	50.000	58.565	-17.1	82	0.00
56 T	Ethyl methacrylate	50.000	60.268	-20.5	82	0.00
57 T	1,3-Dichloropropane	50.000	58.860	-17.7	81	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	280.598	-12.2	82	0.00
59 T	2-Hexanone	250.000	313.432	-25.4#	88	0.00
60 T	Dibromochloromethane	50.000	62.789	-25.6#	84	0.00
61 T	1,2-Dibromoethane	50.000	57.509	-15.0	82	0.00
62 S	4-Bromofluorobenzene	50.000	60.492	-21.0	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	51.529	-3.1	79	0.00
65 PM	Chlorobenzene	50.000	52.143	-4.3	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.848	-9.7	81	0.00
67 C	Ethyl Benzene	50.000	54.424	-8.8#	80	0.00
68 T	m/p-Xylenes	100.000	108.500	-8.5	78	0.00
69 T	o-Xylene	50.000	55.404	-10.8	79	0.00
70 T	Styrene	50.000	56.236	-12.5	78	0.00
71 P	Bromoform	50.000	49.198	1.6	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	53.117	-6.2	81	0.00
74 T	N-amyl acetate	50.000	51.587	-3.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.391	-8.8	82	0.00
76 T	1,2,3-Trichloropropane	50.000	53.071	-6.1	82	0.00
77 T	Bromobenzene	50.000	51.501	-3.0	78	0.00
78 T	n-propylbenzene	50.000	54.835	-9.7	81	0.00
79 T	2-Chlorotoluene	50.000	54.025	-8.0	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.291	-6.6	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.469	3.1	80	0.00
82 T	4-Chlorotoluene	50.000	53.165	-6.3	80	0.00
83 T	tert-Butylbenzene	50.000	51.719	-3.4	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.283	-6.6	79	0.00
85 T	sec-Butylbenzene	50.000	52.682	-5.4	79	0.00
86 T	p-Isopropyltoluene	50.000	52.472	-4.9	78	0.00
87 T	1,3-Dichlorobenzene	50.000	50.841	-1.7	78	0.00
88 T	1,4-Dichlorobenzene	50.000	49.126	1.7	78	0.00
89 T	n-Butylbenzene	50.000	53.527	-7.1	81	0.00
90 T	Hexachloroethane	50.000	46.087	7.8	85	0.00
91 T	1,2-Dichlorobenzene	50.000	48.926	2.1	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.200	9.6	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.719	2.6	76	0.00
94 T	Hexachlorobutadiene	50.000	47.658	4.7	80	0.00
95 T	Naphthalene	50.000	50.468	-0.9	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.248	1.5	76	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043925.D
 Acq On : 21 Nov 2024 09:47
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:27:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:25:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	148984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	260569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	218244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92854	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	1889	1.001	ug/l	88
3) Chloromethane	1.295	50	1723	0.868	ug/l	90
4) Vinyl Chloride	1.374	62	2010	0.951	ug/l #	81
6) Chloroethane	1.666	64	1724	1.339	ug/l #	82
7) Trichlorofluoromethane	1.874	101	3093	0.819	ug/l	92
8) Diethyl Ether	2.136	74	1421	1.032	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.313	101	1764	0.979	ug/l	94
12) 1,1-Dichloroethene	2.300	96	1775	1.034	ug/l #	62
14) Allyl chloride	2.654	41	2371	0.845	ug/l	87
15) Acrylonitrile	3.063	53	4483	4.485	ug/l	95
16) Acetone	2.386	43	5977	5.093	ug/l #	86
17) Carbon Disulfide	2.502	76	3223	0.910	ug/l	99
18) Methyl Acetate	2.703	43	2775	1.015	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	5162	0.828	ug/l	94
20) Methylene Chloride	2.782	84	2099	1.054	ug/l #	73
21) trans-1,2-Dichloroethene	3.081	96	1624	0.916	ug/l	97
22) Diisopropyl ether	3.751	45	4882	0.814	ug/l #	30
23) Vinyl Acetate	3.727	43	18541	3.613	ug/l	98
24) 1,1-Dichloroethane	3.593	63	2919	0.844	ug/l #	94
25) 2-Butanone	4.581	43	6676	4.408	ug/l	92
26) 2,2-Dichloropropane	4.459	77	2687	0.860	ug/l	86
27) cis-1,2-Dichloroethene	4.495	96	2007	0.916	ug/l	89
28) Bromochloromethane	4.904	49	1494m	0.981	ug/l	
29) Tetrahydrofuran	5.013	42	4264	4.593	ug/l	95
30) Chloroform	5.093	83	3187	0.856	ug/l #	76
32) 1,1,1-Trichloroethane	5.373	97	2600	0.810	ug/l #	46
36) 1,1-Dichloropropene	5.690	75	1993	0.859	ug/l #	80
37) Ethyl Acetate	4.733	43	2692m	0.935	ug/l	
38) Carbon Tetrachloride	5.660	117	2287	0.877	ug/l #	78
39) Methylcyclohexane	7.379	83	2835	0.941	ug/l	90
40) Benzene	6.032	78	6312	0.873	ug/l #	84
41) Methacrylonitrile	4.934	41	1141m	0.774	ug/l	
42) 1,2-Dichloroethane	6.086	62	2602	0.896	ug/l	84
43) Isopropyl Acetate	6.355	43	3881	0.847	ug/l #	90
44) Trichloroethene	7.123	130	2850	1.393	ug/l	82
45) 1,2-Dichloropropane	7.428	63	1503	0.849	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043925.D
 Acq On : 21 Nov 2024 09:47
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:27:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:25:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	1246	0.890	ug/l	94
47) Bromodichloromethane	7.824	83	1819	0.724	ug/l #	93
48) Methyl methacrylate	7.702	41	2017m	0.917	ug/l	
49) 1,4-Dioxane	7.671	88	613	16.166	ug/l #	50
51) 4-Methyl-2-Pentanone	8.574	43	11392	4.073	ug/l	96
52) Toluene	8.714	92	3313	0.766	ug/l	82
53) t-1,3-Dichloropropene	8.988	75	1776	0.694	ug/l #	86
54) cis-1,3-Dichloropropene	8.366	75	2132	0.759	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	1496	0.838	ug/l #	85
56) Ethyl methacrylate	9.122	69	1973	0.709	ug/l #	82
57) 1,3-Dichloropropane	9.305	76	2502	0.832	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	4135	2.662	ug/l	93
59) 2-Hexanone	9.439	43	7726	3.675	ug/l	99
60) Dibromochloromethane	9.519	129	1296	0.723	ug/l	93
61) 1,2-Dibromoethane	9.610	107	1342	0.743	ug/l #	80
64) Tetrachloroethene	9.269	164	1329	0.924	ug/l	88
65) Chlorobenzene	10.073	112	4585	0.957	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	10.165	131	1136	0.731	ug/l #	66
67) Ethyl Benzene	10.195	91	6890	0.848	ug/l #	86
68) m/p-Xylenes	10.305	106	5324	1.758	ug/l	95
69) o-Xylene	10.640	106	2370	0.801	ug/l	95
70) Styrene	10.665	104	3751	0.767	ug/l	97
71) Bromoform	10.799	173	632	1.756	ug/l #	87
73) Isopropylbenzene	10.964	105	6379	0.894	ug/l	94
74) N-amyl acetate	10.848	43	2319	0.701	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	2224	0.910	ug/l	83
76) 1,2,3-Trichloropropane	11.244	75	1603m	0.801	ug/l	
77) Bromobenzene	11.201	156	1475	0.866	ug/l	94
78) n-propylbenzene	11.305	91	6810	0.854	ug/l	95
79) 2-Chlorotoluene	11.366	91	4618	0.916	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	5022	0.855	ug/l	96
82) 4-Chlorotoluene	11.457	91	4940	0.868	ug/l	94
83) tert-Butylbenzene	11.713	119	4794	0.824	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	4748	0.812	ug/l	99
85) sec-Butylbenzene	11.890	105	5787	0.812	ug/l	94
86) p-Isopropyltoluene	12.012	119	4187	0.723	ug/l	87
87) 1,3-Dichlorobenzene	11.969	146	2934	0.946	ug/l	93
88) 1,4-Dichlorobenzene	12.043	146	3212m	1.020	ug/l	
89) n-Butylbenzene	12.335	91	3522	0.690	ug/l	93
90) Hexachloroethane	12.536	117	835	0.848	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	2796	0.893	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.957	75	395	0.807	ug/l	65
93) 1,2,4-Trichlorobenzene	13.597	180	1576	0.854	ug/l	78
94) Hexachlorobutadiene	13.725	225	709	0.972	ug/l	89
95) Naphthalene	13.780	128	4837	0.728	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1398	0.749	ug/l	81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

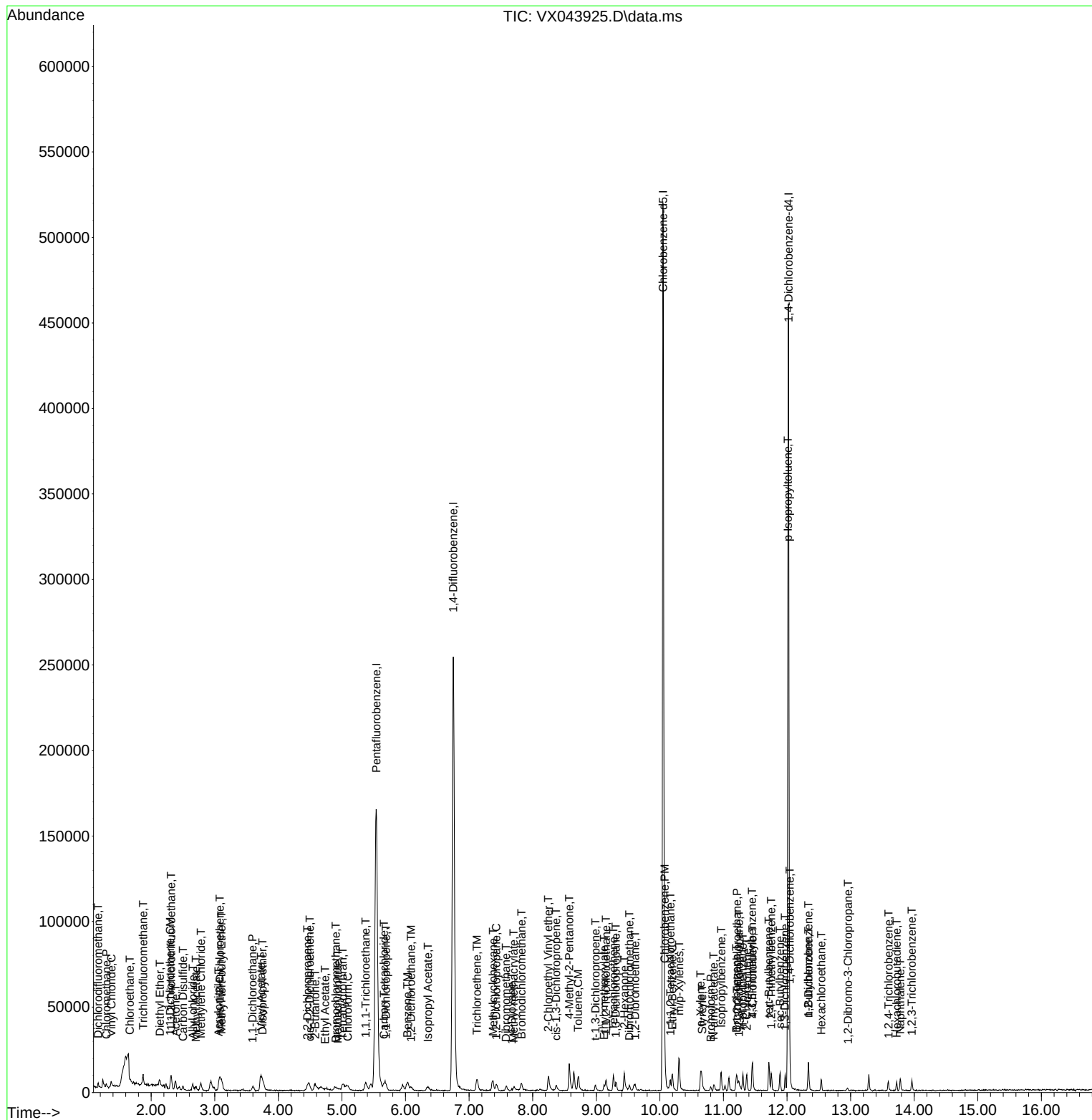
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043925.D
Acq On    : 21 Nov 2024   09:47
Operator  : JC/MD
Sample    : VSTDICC001
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 12   Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Nov 22 03:27:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043926.D
 Acq On : 21 Nov 2024 10:14
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:25:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.543	168	150793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	264969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	13961	5.398	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.800%#		
35) Dibromofluoromethane	5.379	113	9842	5.198	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.400%#		
50) Toluene-d8	8.646	98	35173	5.389	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.780%#		
62) 4-Bromofluorobenzene	11.079	95	10618	4.780	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.560%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9545	4.997	ug/l	87
3) Chloromethane	1.294	50	9980	4.965	ug/l	98
4) Vinyl Chloride	1.373	62	10682	4.996	ug/l	100
5) Bromomethane	1.593	94	6415	4.877	ug/l	90
6) Chloroethane	1.666	64	6474	4.969	ug/l	99
7) Trichlorofluoromethane	1.867	101	19099	4.996	ug/l	91
8) Diethyl Ether	2.129	74	6480	4.651	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.318	101	8824	4.839	ug/l	98
10) Methyl Iodide	2.440	142	9897	4.346	ug/l	98
11) Tert butyl alcohol	2.995	59	9278m	22.349	ug/l	
12) 1,1-Dichloroethene	2.306	96	7987	4.597	ug/l	87
13) Acrolein	2.239	56	11940	27.287	ug/l	97
14) Allyl chloride	2.654	41	12874	4.534	ug/l	96
15) Acrylonitrile	3.062	53	24290	24.010	ug/l	99
16) Acetone	2.385	43	29886	25.159	ug/l	95
17) Carbon Disulfide	2.495	76	14415	4.022	ug/l #	94
18) Methyl Acetate	2.702	43	13127	4.745	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	30022	4.759	ug/l #	88
20) Methylene Chloride	2.782	84	9895	4.909	ug/l	95
21) trans-1,2-Dichloroethene	3.080	96	8486	4.730	ug/l #	80
22) Diisopropyl ether	3.757	45	29102	4.794	ug/l #	65
23) Vinyl Acetate	3.721	43	116242	22.382	ug/l	100
24) 1,1-Dichloroethane	3.599	63	16857	4.813	ug/l	98
25) 2-Butanone	4.568	43	36680	23.931	ug/l	96
26) 2,2-Dichloropropane	4.458	77	15040	4.755	ug/l #	76
27) cis-1,2-Dichloroethene	4.477	96	10153	4.579	ug/l	96
28) Bromochloromethane	4.891	49	9210	5.974	ug/l	100
29) Tetrahydrofuran	5.007	42	23518	25.028	ug/l	96
30) Chloroform	5.086	83	18661	4.954	ug/l	97
31) Cyclohexane	5.458	56	13740	4.767	ug/l #	85
32) 1,1,1-Trichloroethane	5.379	97	15162	4.667	ug/l	96
36) 1,1-Dichloropropene	5.690	75	11406	4.834	ug/l	97
37) Ethyl Acetate	4.720	43	14551m	4.968	ug/l	
38) Carbon Tetrachloride	5.665	117	12348	4.658	ug/l	97
39) Methylcyclohexane	7.372	83	14721	4.803	ug/l	95
40) Benzene	6.031	78	36283	4.937	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043926.D
 Acq On : 21 Nov 2024 10:14
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:25:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	7355	4.907	ug/l #	95
42) 1,2-Dichloroethane	6.080	62	14467	4.901	ug/l	99
43) Isopropyl Acetate	6.348	43	22267	4.777	ug/l	99
44) Trichloroethene	7.128	130	9852	4.736	ug/l	92
45) 1,2-Dichloropropane	7.427	63	8525	4.736	ug/l	91
46) Dibromomethane	7.586	93	6372	4.475	ug/l	93
47) Bromodichloromethane	7.823	83	11249	4.405	ug/l	96
48) Methyl methacrylate	7.695	41	10190	4.556	ug/l	95
49) 1,4-Dioxane	7.677	88	4090m	106.070	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	69843	24.556	ug/l	97
52) Toluene	8.714	92	22218	5.051	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	10937	4.200	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	12253	4.292	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	9000	4.957	ug/l	94
56) Ethyl methacrylate	9.116	69	12381	4.378	ug/l	96
57) 1,3-Dichloropropane	9.311	76	15211	4.973	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	43351	27.673	ug/l	100
59) 2-Hexanone	9.433	43	52072	24.357	ug/l	100
60) Dibromochloromethane	9.518	129	7738	4.247	ug/l	99
61) 1,2-Dibromoethane	9.610	107	8985	4.894	ug/l	98
64) Tetrachloroethene	9.274	164	7642	5.185	ug/l	93
65) Chlorobenzene	10.079	112	24792	5.050	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	7421	4.661	ug/l	96
67) Ethyl Benzene	10.195	91	40927	4.920	ug/l	95
68) m/p-Xylenes	10.305	106	29635	9.553	ug/l	99
69) o-Xylene	10.640	106	14856	4.905	ug/l	98
70) Styrene	10.658	104	22907	4.573	ug/l	97
71) Bromoform	10.799	173	4476	5.004	ug/l #	99
73) Isopropylbenzene	10.957	105	37958	5.109	ug/l	99
74) N-amyl acetate	10.841	43	15928	4.627	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	13107	5.152	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	12040m	5.776	ug/l	
77) Bromobenzene	11.195	156	9259	5.224	ug/l	97
78) n-propylbenzene	11.305	91	39774	4.793	ug/l	98
79) 2-Chlorotoluene	11.366	91	26740	5.096	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	30114	4.926	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	2880	3.707	ug/l #	77
82) 4-Chlorotoluene	11.451	91	29049	4.903	ug/l	96
83) tert-Butylbenzene	11.713	119	29934	4.940	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	30674	5.040	ug/l	97
85) sec-Butylbenzene	11.890	105	37899	5.105	ug/l	96
86) p-Isopropyltoluene	12.006	119	29412	4.878	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	16008	4.959	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	15837	4.831	ug/l	89
89) n-Butylbenzene	12.335	91	24938	4.691	ug/l	99
90) Hexachloroethane	12.536	117	4279	4.173	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	16747	5.140	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2454	4.814	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	8746	4.553	ug/l	98
94) Hexachlorobutadiene	13.725	225	3713	4.891	ug/l	97
95) Naphthalene	13.774	128	32485	4.698	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	9280	4.773	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043926.D
Acq On : 21 Nov 2024 10:14
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:28:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

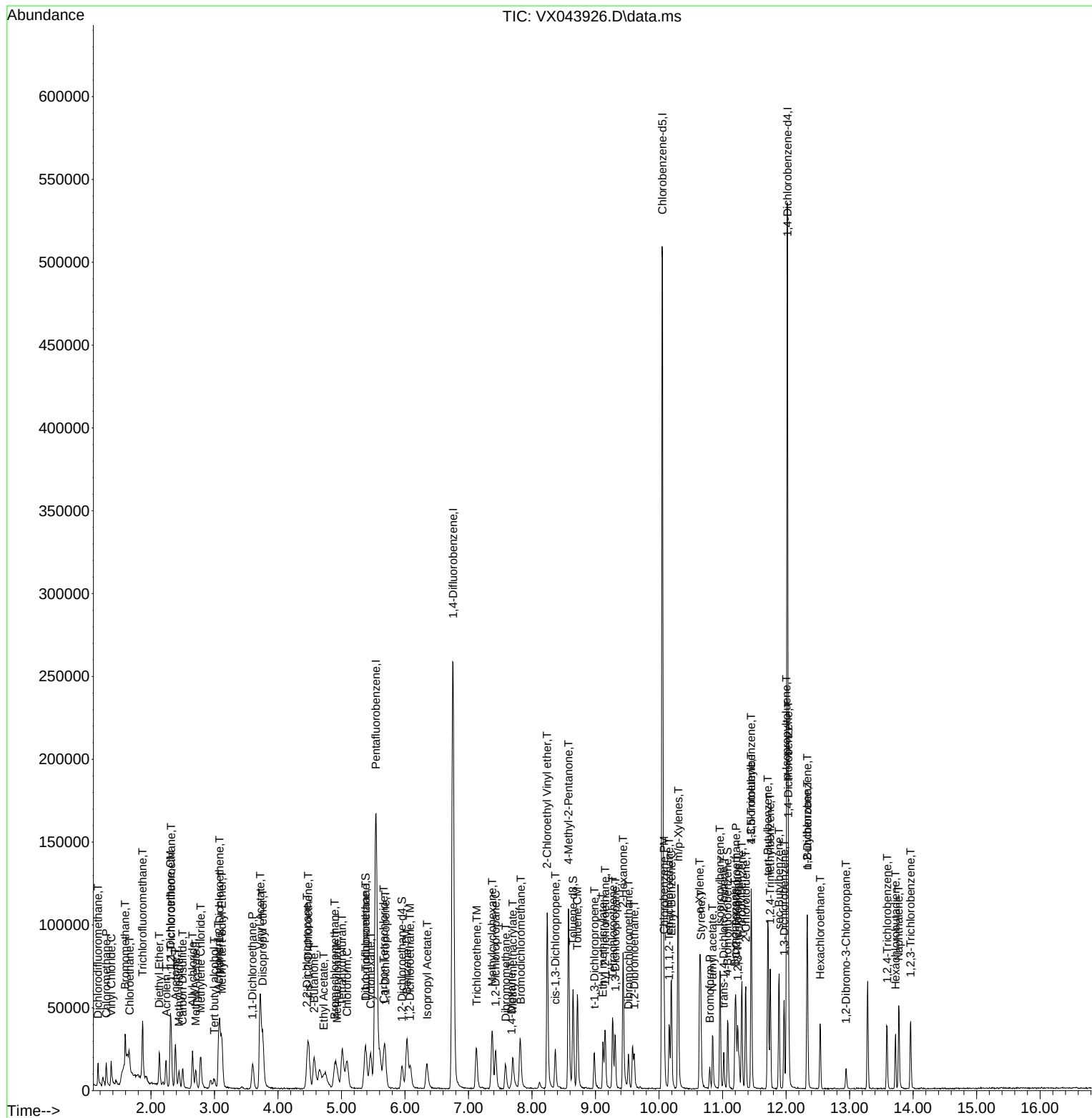
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043926.D
 Acq On : 21 Nov 2024 10:14
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:25:42 2024
 Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043927.D
 Acq On : 21 Nov 2024 10:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 21 11:27:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	137617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	247844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98477	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	48239	22.821	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	45.640%#
35) Dibromofluoromethane	5.385	113	35015	21.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	42.080%#
50) Toluene-d8	8.647	98	122646	22.060	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	44.120%#
62) 4-Bromofluorobenzene	11.079	95	41087	22.365	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	44.720%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	35268	25.327	ug/l	98
3) Chloromethane	1.295	50	39622	22.767	ug/l	93
4) Vinyl Chloride	1.374	62	40173	22.975	ug/l	95
5) Bromomethane	1.593	94	24112	30.357	ug/l	98
6) Chloroethane	1.666	64	22213	26.595	ug/l	97
7) Trichlorofluoromethane	1.868	101	73464	29.469	ug/l	99
8) Diethyl Ether	2.136	74	25875	27.531	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	33284	22.561	ug/l	96
10) Methyl Iodide	2.441	142	43047	20.733	ug/l	94
11) Tert butyl alcohol	3.002	59	36554	108.748	ug/l	100
12) 1,1-Dichloroethene	2.307	96	32180	22.474	ug/l	96
13) Acrolein	2.240	56	35249	93.505	ug/l	99
14) Allyl chloride	2.660	41	53053	22.853	ug/l #	88
15) Acrylonitrile	3.069	53	94417	109.118	ug/l	99
16) Acetone	2.386	43	110373	130.004	ug/l	89
17) Carbon Disulfide	2.502	76	59349	18.983	ug/l	98
18) Methyl Acetate	2.709	43	50136	21.564	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	121776	23.009	ug/l	100
20) Methylene Chloride	2.788	84	37633	21.177	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	33545	21.489	ug/l	100
22) Diisopropyl ether	3.764	45	119475	23.557	ug/l	91
23) Vinyl Acetate	3.721	43	504408	122.699	ug/l	98
24) 1,1-Dichloroethane	3.599	63	67233	22.540	ug/l	99
25) 2-Butanone	4.568	43	148152	124.741	ug/l	97
26) 2,2-Dichloropropane	4.471	77	58444	23.843	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	41866	21.551	ug/l	94
28) Bromochloromethane	4.891	49	26507	21.119	ug/l	90
29) Tetrahydrofuran	5.013	42	87736	114.321	ug/l	98
30) Chloroform	5.087	83	72049	23.172	ug/l	97
31) Cyclohexane	5.458	56	53731	22.225	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	62394	23.474	ug/l	98
36) 1,1-Dichloropropene	5.684	75	44465	21.438	ug/l	99
37) Ethyl Acetate	4.715	43	54426	23.316	ug/l	97
38) Carbon Tetrachloride	5.672	117	48701	22.179	ug/l	99
39) Methylcyclohexane	7.379	83	55958	21.551	ug/l	99
40) Benzene	6.025	78	144401	22.144	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043927.D
 Acq On : 21 Nov 2024 10:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 11:27:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28938	23.789	ug/l	95
42) 1,2-Dichloroethane	6.086	62	57981	24.487	ug/l	98
43) Isopropyl Acetate	6.349	43	88577	24.054	ug/l	94
44) Trichloroethene	7.117	130	36440	20.270	ug/l	95
45) 1,2-Dichloropropane	7.428	63	35791	22.394	ug/l	97
46) Dibromomethane	7.580	93	27799	23.082	ug/l	96
47) Bromodichloromethane	7.818	83	49665	23.471	ug/l #	94
48) Methyl methacrylate	7.690	41	41962	22.991	ug/l #	87
49) 1,4-Dioxane	7.665	88	12071	310.503	ug/l #	62
51) 4-Methyl-2-Pentanone	8.574	43	278479	121.285	ug/l	95
52) Toluene	8.714	92	87569	23.277	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	50294	23.425	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	56407	23.184	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	37148	25.308	ug/l	96
56) Ethyl methacrylate	9.116	69	56585	24.347	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	61420	24.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	136842	112.277	ug/l	96
59) 2-Hexanone	9.433	43	213629	131.869	ug/l	93
60) Dibromochloromethane	9.519	129	34133	23.864	ug/l	100
61) 1,2-Dibromoethane	9.610	107	36985	24.156	ug/l	99
64) Tetrachloroethene	9.269	164	29274	20.948	ug/l	98
65) Chlorobenzene	10.080	112	96469	21.197	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	32353	21.360	ug/l	98
67) Ethyl Benzene	10.189	91	166435	21.731	ug/l	98
68) m/p-Xylenes	10.299	106	122658	42.997	ug/l	95
69) o-Xylene	10.640	106	60254	21.648	ug/l	94
70) Styrene	10.653	104	102329	22.308	ug/l	97
71) Bromoform	10.799	173	19329	19.555	ug/l #	97
73) Isopropylbenzene	10.964	105	157405	22.393	ug/l	99
74) N-amyl acetate	10.842	43	73525	23.459	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	54158	22.787	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45423m	22.601	ug/l	
77) Bromobenzene	11.195	156	37631	21.843	ug/l	97
78) n-propylbenzene	11.305	91	176034	22.696	ug/l	98
79) 2-Chlorotoluene	11.360	91	112986	22.894	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	132041	22.662	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14743	20.654	ug/l	88
82) 4-Chlorotoluene	11.451	91	125521	22.085	ug/l	99
83) tert-Butylbenzene	11.713	119	128636	21.582	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	132595	22.408	ug/l	99
85) sec-Butylbenzene	11.890	105	156312	21.962	ug/l	98
86) p-Isopropyltoluene	12.006	119	130605	21.854	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	67003	20.986	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	67195	20.527	ug/l	98
89) n-Butylbenzene	12.329	91	110491	21.698	ug/l	98
90) Hexachloroethane	12.536	117	19547	19.432	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	67852	20.298	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9939	20.259	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	38866	19.894	ug/l	100
94) Hexachlorobutadiene	13.725	225	14818	18.508	ug/l	91
95) Naphthalene	13.774	128	145678	19.999	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	41554	20.415	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043927.D
Acq On : 21 Nov 2024 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 11:27:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

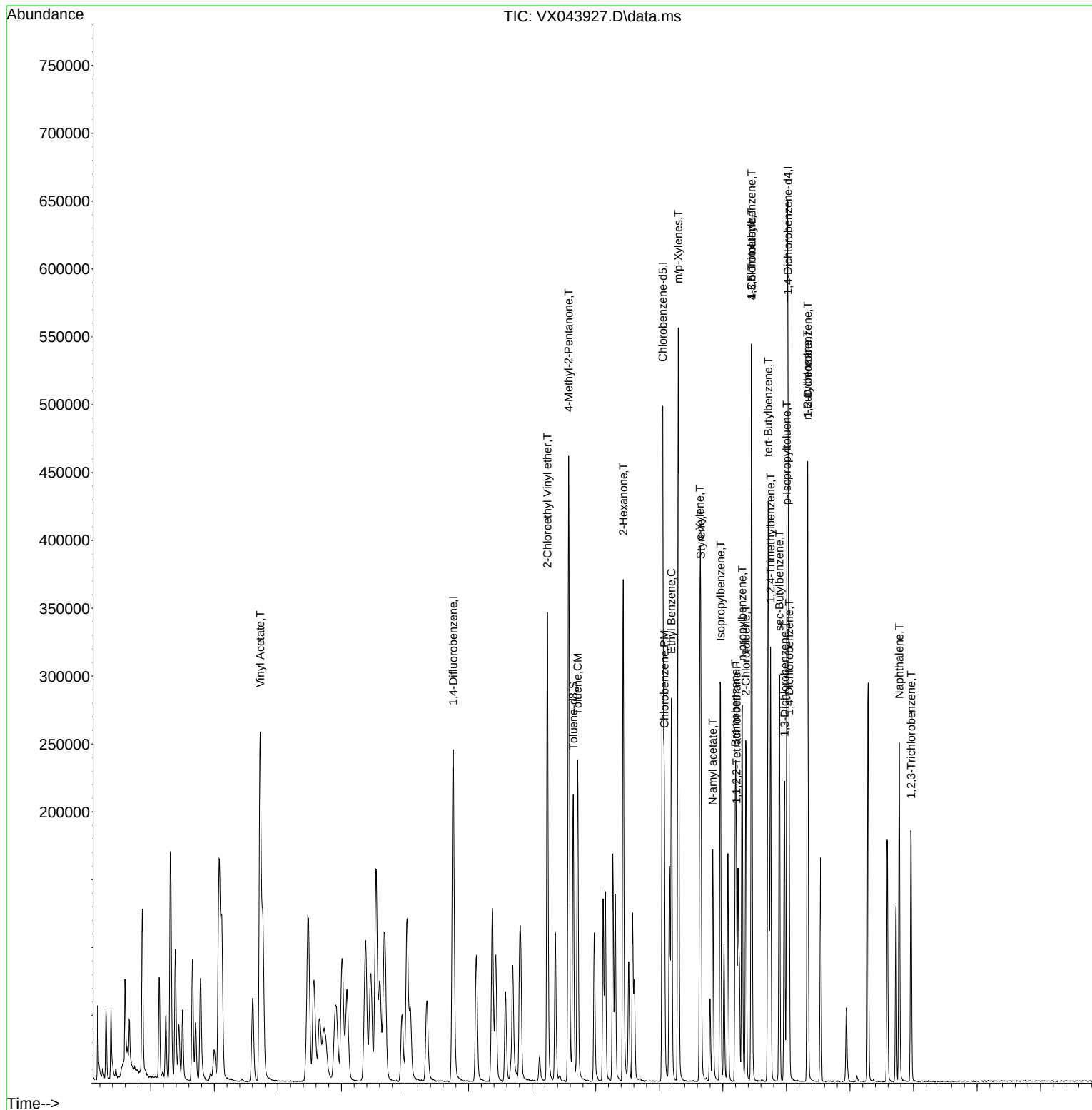
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043927.D
Acq On : 21 Nov 2024 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 11:27:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043928.D
 Acq On : 21 Nov 2024 11:17
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 21 12:14:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.538	168	138578	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	241629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100316	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	104086	48.899	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.800%
35) Dibromofluoromethane	5.379	113	78954	48.663	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.320%
50) Toluene-d8	8.641	98	266650	49.194	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	93510	52.209	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	94790	67.600	ug/l	98
3) Chloromethane	1.295	50	96646	55.148	ug/l	100
4) Vinyl Chloride	1.374	62	105586	59.966	ug/l	100
5) Bromomethane	1.593	94	61728	77.177	ug/l	97
6) Chloroethane	1.660	64	63580	75.594	ug/l	98
7) Trichlorofluoromethane	1.868	101	188045	74.909	ug/l	100
8) Diethyl Ether	2.130	74	65665	69.383	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	91167	61.367	ug/l	97
10) Methyl Iodide	2.441	142	112083	53.608	ug/l	95
11) Tert butyl alcohol	2.995	59	100130	295.821	ug/l	99
12) 1,1-Dichloroethene	2.307	96	83087	57.625	ug/l	92
13) Acrolein	2.233	56	100647	265.136	ug/l	97
14) Allyl chloride	2.654	41	144663	61.883	ug/l	91
15) Acrylonitrile	3.063	53	256493	294.373	ug/l	98
16) Acetone	2.380	43	294611	344.605	ug/l	93
17) Carbon Disulfide	2.502	76	178294	56.633	ug/l	99
18) Methyl Acetate	2.703	43	136735	58.404	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	313754	58.872	ug/l	98
20) Methylene Chloride	2.782	84	92475	51.676	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	87752	55.825	ug/l	95
22) Diisopropyl ether	3.758	45	299631	58.668	ug/l	94
23) Vinyl Acetate	3.715	43	1344870	324.875	ug/l	97
24) 1,1-Dichloroethane	3.599	63	174008	57.932	ug/l	99
25) 2-Butanone	4.556	43	392575	328.247	ug/l	97
26) 2,2-Dichloropropane	4.465	77	158151	64.072	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	109742	56.100	ug/l	94
28) Bromochloromethane	4.885	49	62386	49.360	ug/l	88
29) Tetrahydrofuran	5.001	42	234208	303.060	ug/l	97
30) Chloroform	5.080	83	182404	58.257	ug/l	94
31) Cyclohexane	5.458	56	144224	59.242	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	164023	61.280	ug/l	98
36) 1,1-Dichloropropene	5.678	75	119269	58.983	ug/l	99
37) Ethyl Acetate	4.709	43	147393	64.767	ug/l	98
38) Carbon Tetrachloride	5.666	117	134725	62.932	ug/l	97
39) Methylcyclohexane	7.373	83	158586	62.647	ug/l	95
40) Benzene	6.025	78	360978	56.780	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043928.D
 Acq On : 21 Nov 2024 11:17
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:14:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	79507	67.041	ug/l	96
42) 1,2-Dichloroethane	6.074	62	145681	63.109	ug/l	97
43) Isopropyl Acetate	6.336	43	235856	65.697	ug/l	94
44) Trichloroethene	7.117	130	90015	51.360	ug/l	91
45) 1,2-Dichloropropane	7.422	63	89529	57.459	ug/l	98
46) Dibromomethane	7.574	93	70679	60.196	ug/l	96
47) Bromodichloromethane	7.818	83	131365	63.678	ug/l	97
48) Methyl methacrylate	7.690	41	112803	63.393	ug/l #	88
49) 1,4-Dioxane	7.659	88	33402	881.301	ug/l #	73
51) 4-Methyl-2-Pentanone	8.574	43	732582	327.265	ug/l	95
52) Toluene	8.714	92	222500	60.664	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	137451	65.667	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	147638	62.243	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	89441	62.501	ug/l	97
56) Ethyl methacrylate	9.116	69	148281	65.443	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	151124	63.034	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	371281	312.467	ug/l	98
59) 2-Hexanone	9.427	43	568460	359.925	ug/l	93
60) Dibromochloromethane	9.519	129	95641	68.588	ug/l	99
61) 1,2-Dibromoethane	9.604	107	92940	62.263	ug/l	99
64) Tetrachloroethene	9.269	164	74157	54.472	ug/l	99
65) Chlorobenzene	10.080	112	243080	54.828	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	83934	56.885	ug/l	98
67) Ethyl Benzene	10.189	91	429559	57.573	ug/l	97
68) m/p-Xylenes	10.299	106	323661	116.466	ug/l	96
69) o-Xylene	10.640	106	160643	59.245	ug/l	99
70) Styrene	10.653	104	268004	59.974	ug/l	98
71) Bromoform	10.799	173	60267	62.587	ug/l #	98
73) Isopropylbenzene	10.957	105	411000	57.397	ug/l	99
74) N-amyl acetate	10.842	43	200195	62.704	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	139756	57.726	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	118450m	57.858	ug/l	
77) Bromobenzene	11.195	156	97761	55.706	ug/l	97
78) n-propylbenzene	11.299	91	474802	60.094	ug/l	100
79) 2-Chlorotoluene	11.360	91	286649	57.018	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	345531	58.215	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	44450	61.129	ug/l	96
82) 4-Chlorotoluene	11.451	91	333946	57.679	ug/l	100
83) tert-Butylbenzene	11.713	119	345112	56.841	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	345112	57.254	ug/l	99
85) sec-Butylbenzene	11.890	105	426284	58.794	ug/l	99
86) p-Isopropyltoluene	12.006	119	353256	58.026	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	176936	54.401	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	178728	53.598	ug/l	98
89) n-Butylbenzene	12.329	91	319448	61.581	ug/l	99
90) Hexachloroethane	12.536	117	59010	57.586	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	177334	52.077	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28467	56.961	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	108749	54.645	ug/l	98
94) Hexachlorobutadiene	13.725	225	41267	50.599	ug/l	95
95) Naphthalene	13.774	128	401752	54.142	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	112162	54.094	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043928.D
Acq On : 21 Nov 2024 11:17
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:14:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

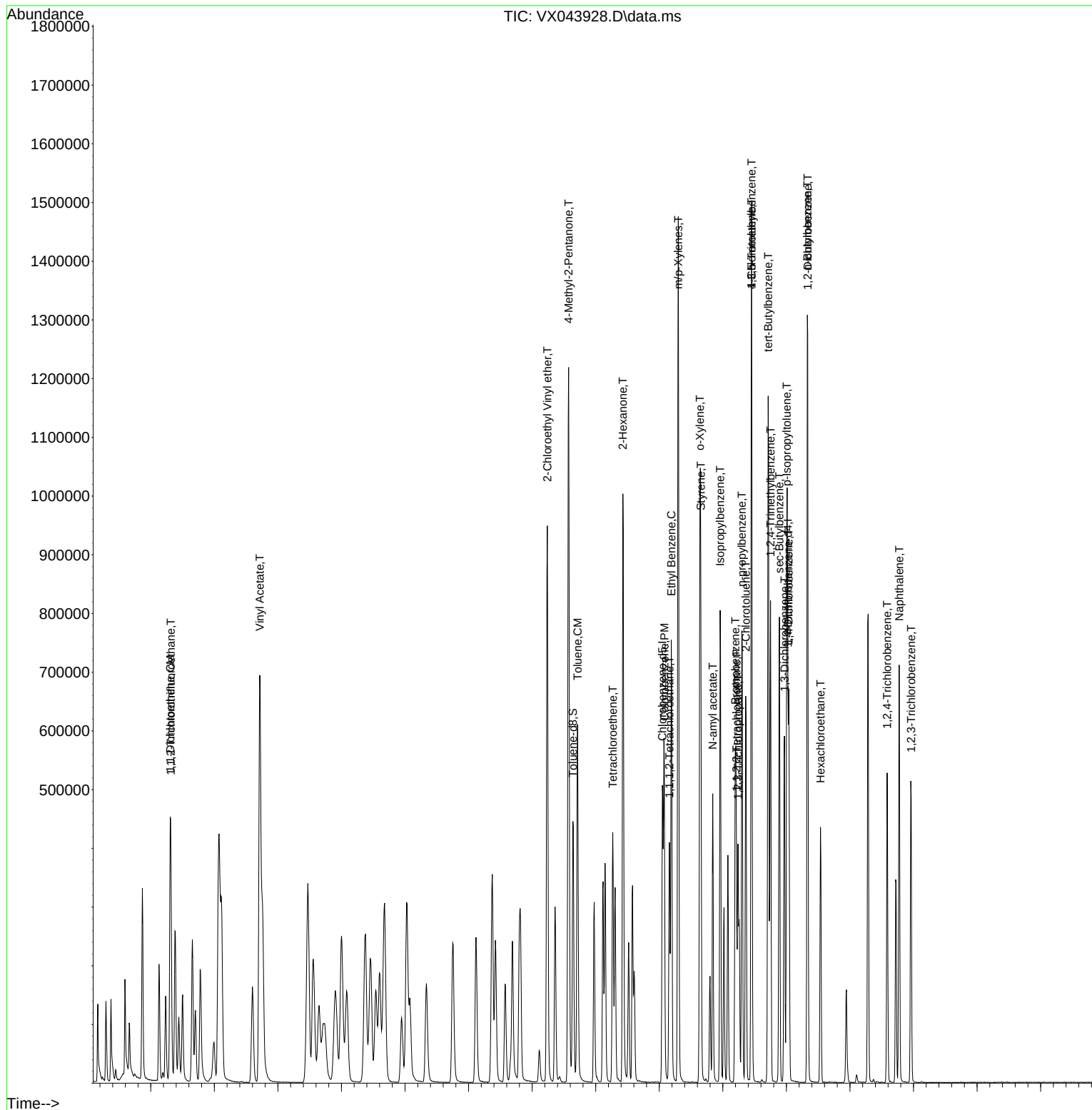
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043928.D
Acq On : 21 Nov 2024 11:17
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Nov 21 12:14:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043929.D
 Acq On : 21 Nov 2024 11:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 21 12:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	138314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104048	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	236531	111.333	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 222.660%#	
35) Dibromofluoromethane	5.379	113	176869	106.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 213.780%#	
50) Toluene-d8	8.647	98	607337	109.870	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 219.740%#	
62) 4-Bromofluorobenzene	11.079	95	215953	118.228	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 236.460%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	166145	118.713	ug/l	97
3) Chloromethane	1.295	50	183899	105.136	ug/l	100
4) Vinyl Chloride	1.374	62	192221	109.377	ug/l	98
5) Bromomethane	1.593	94	118792	148.807	ug/l	99
6) Chloroethane	1.660	64	101816	121.286	ug/l	98
7) Trichlorofluoromethane	1.868	101	354375	141.438	ug/l	100
8) Diethyl Ether	2.136	74	125840	133.219	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	162988	109.922	ug/l	96
10) Methyl Iodide	2.441	142	213858	102.481	ug/l	96
11) Tert butyl alcohol	3.002	59	184757	546.882	ug/l	100
12) 1,1-Dichloroethene	2.307	96	158111	109.868	ug/l	89
13) Acrolein	2.240	56	200929	530.320	ug/l	99
14) Allyl chloride	2.654	41	276068	118.320	ug/l	90
15) Acrylonitrile	3.069	53	458624	527.361	ug/l	97
16) Acetone	2.386	43	511112	598.985	ug/l	92
17) Carbon Disulfide	2.502	76	367958	117.100	ug/l	99
18) Methyl Acetate	2.703	43	247225	105.800	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	597600	112.347	ug/l	99
20) Methylene Chloride	2.782	84	178008	99.663	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	165989	105.798	ug/l	98
22) Diisopropyl ether	3.764	45	572855	112.380	ug/l	97
23) Vinyl Acetate	3.721	43	2570419	622.111	ug/l	97
24) 1,1-Dichloroethane	3.605	63	327756	109.327	ug/l	99
25) 2-Butanone	4.562	43	690992	578.867	ug/l	98
26) 2,2-Dichloropropane	4.471	77	299254	121.468	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	206207	105.613	ug/l	94
28) Bromochloromethane	4.898	49	138227	109.575	ug/l	91
29) Tetrahydrofuran	5.007	42	419337	543.649	ug/l	97
30) Chloroform	5.087	83	350923	112.294	ug/l	97
31) Cyclohexane	5.458	56	256114	105.404	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	309469	115.841	ug/l	98
36) 1,1-Dichloropropene	5.684	75	222573	107.931	ug/l	99
37) Ethyl Acetate	4.715	43	265631	114.453	ug/l	97
38) Carbon Tetrachloride	5.672	117	256290	117.390	ug/l	97
39) Methylcyclohexane	7.373	83	283075	109.652	ug/l	98
40) Benzene	6.032	78	684139	105.520	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043929.D
 Acq On : 21 Nov 2024 11:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 21 12:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	143256	118.447	ug/l	94
42) 1,2-Dichloroethane	6.080	62	271641	115.387	ug/l	98
43) Isopropyl Acetate	6.342	43	440615	120.346	ug/l	94
44) Trichloroethene	7.123	130	169796	94.997	ug/l	98
45) 1,2-Dichloropropane	7.428	63	170741	107.450	ug/l	99
46) Dibromomethane	7.574	93	135928	113.518	ug/l	96
47) Bromodichloromethane	7.818	83	260442	123.792	ug/l	97
48) Methyl methacrylate	7.690	41	210614	116.061	ug/l	88
49) 1,4-Dioxane	7.665	88	62845	1625.913	ug/l #	72
51) 4-Methyl-2-Pentanone	8.574	43	1329064	582.189	ug/l	95
52) Toluene	8.714	92	418999	112.018	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	270418	126.680	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	285627	118.077	ug/l #	89
55) 1,1,2-Trichloroethane	9.147	97	167357	114.675	ug/l	97
56) Ethyl methacrylate	9.116	69	286893	124.157	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	285511	116.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	698756	576.637	ug/l	98
59) 2-Hexanone	9.433	43	1011261	627.842	ug/l	95
60) Dibromochloromethane	9.519	129	187476	131.832	ug/l	99
61) 1,2-Dibromoethane	9.610	107	176345	115.841	ug/l	99
64) Tetrachloroethene	9.269	164	135740	98.157	ug/l	97
65) Chlorobenzene	10.080	112	461076	102.382	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	164586	109.812	ug/l	97
67) Ethyl Benzene	10.189	91	812289	107.178	ug/l	98
68) m/p-Xylenes	10.299	106	603451	213.769	ug/l	96
69) o-Xylene	10.640	106	298739	108.462	ug/l	98
70) Styrene	10.653	104	511251	112.628	ug/l	98
71) Bromoform	10.799	173	123114	125.866	ug/l #	98
73) Isopropylbenzene	10.957	105	765623	103.086	ug/l	99
74) N-amyl acetate	10.842	43	394438	119.112	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	262302	104.456	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	219028m	103.148	ug/l	
77) Bromobenzene	11.195	156	183742	100.944	ug/l	98
78) n-propylbenzene	11.305	91	891893	108.835	ug/l	99
79) 2-Chlorotoluene	11.360	91	537190	103.022	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	648916	105.408	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	88041	116.733	ug/l	97
82) 4-Chlorotoluene	11.451	91	629590	104.841	ug/l	100
83) tert-Butylbenzene	11.713	119	655918	104.157	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	650156	103.992	ug/l	100
85) sec-Butylbenzene	11.890	105	793233	105.481	ug/l	100
86) p-Isopropyltoluene	12.006	119	669819	106.078	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	337665	100.095	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	343312	99.262	ug/l	99
89) n-Butylbenzene	12.329	91	605284	112.498	ug/l	99
90) Hexachloroethane	12.536	117	120913	113.763	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	341767	96.765	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	57287	110.517	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	210571	102.015	ug/l	98
94) Hexachlorobutadiene	13.725	225	79822	94.363	ug/l	95
95) Naphthalene	13.774	128	776740	100.923	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	211814	98.491	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043929.D
Acq On : 21 Nov 2024 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

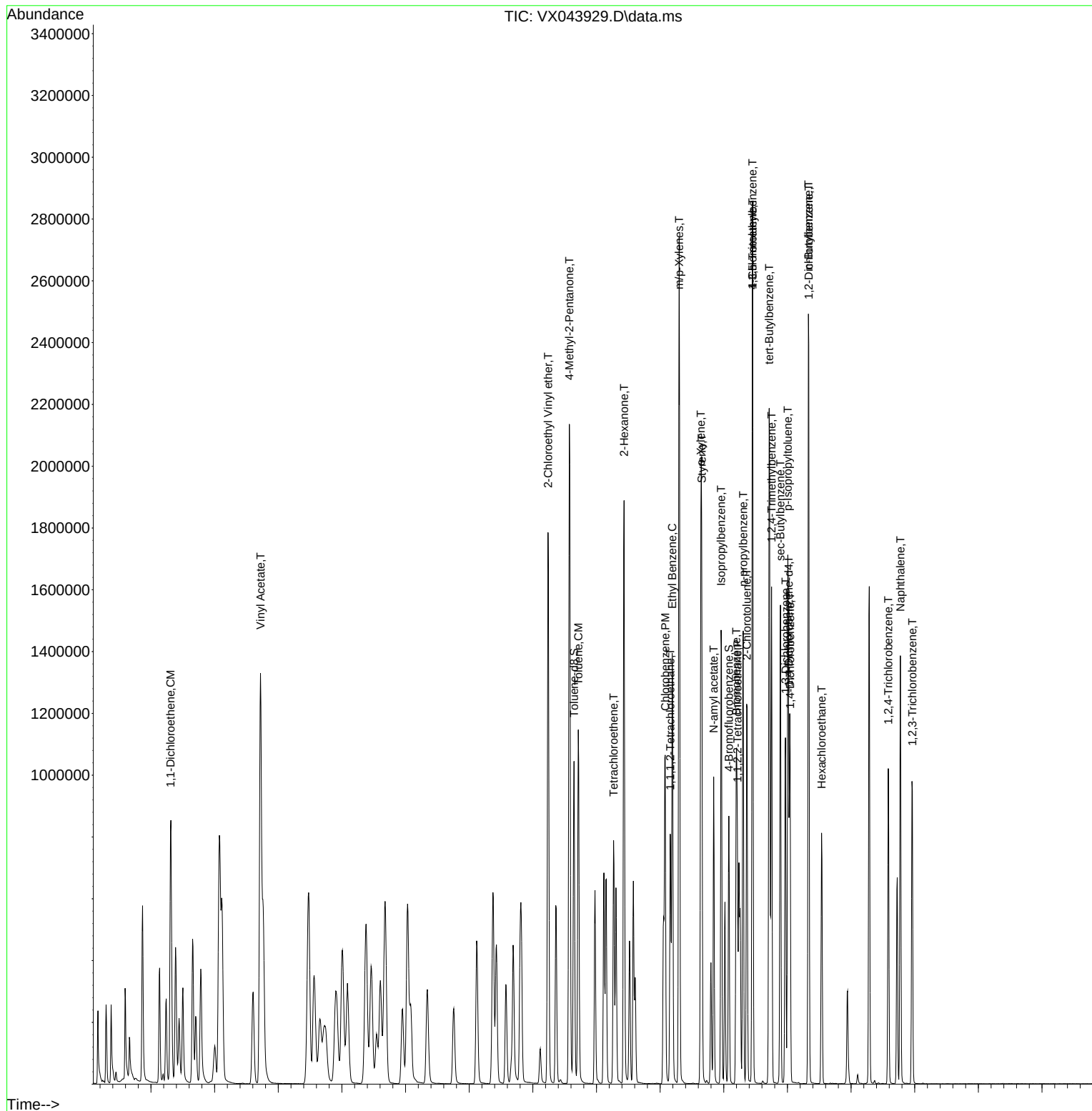
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043929.D
Acq On : 21 Nov 2024 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043930.D
 Acq On : 21 Nov 2024 12:03
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 21 12:32:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 12:18:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	132286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96376	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	349080	171.797	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	343.600%#
35) Dibromofluoromethane	5.385	113	268135	168.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	336.080%#
50) Toluene-d8	8.647	98	896413	168.154	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	336.300%#
62) 4-Bromofluorobenzene	11.079	95	324612	184.279	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	368.560%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	241389	180.335	ug/l	97
3) Chloromethane	1.294	50	268770	160.659	ug/l	100
4) Vinyl Chloride	1.374	62	271568	161.568	ug/l	99
5) Bromomethane	1.593	94	175581	229.967	ug/l	98
6) Chloroethane	1.660	64	140375	174.839	ug/l	98
7) Trichlorofluoromethane	1.861	101	527057	219.944	ug/l	100
8) Diethyl Ether	2.136	74	185146	204.934	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.312	101	237653	167.580	ug/l	97
10) Methyl Iodide	2.440	142	299792	150.207	ug/l	96
11) Tert butyl alcohol	3.014	59	306168	947.555	ug/l	99
12) 1,1-Dichloroethene	2.306	96	228504	166.017	ug/l	91
13) Acrolein	2.239	56	294638	813.086	ug/l	100
14) Allyl chloride	2.654	41	394228	176.662	ug/l	91
15) Acrylonitrile	3.068	53	684169	822.558	ug/l	98
16) Acetone	2.392	43	734161	899.588	ug/l	92
17) Carbon Disulfide	2.501	76	554853	184.625	ug/l	100
18) Methyl Acetate	2.703	43	361338	161.681	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	869848	170.980	ug/l	98
20) Methylene Chloride	2.782	84	260099	152.260	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	245485	163.596	ug/l	95
22) Diisopropyl ether	3.763	45	835960	171.467	ug/l	96
23) Vinyl Acetate	3.721	43	3797951	961.094	ug/l	97
24) 1,1-Dichloroethane	3.599	63	479590	167.262	ug/l	99
25) 2-Butanone	4.568	43	1012692	887.025	ug/l	97
26) 2,2-Dichloropropane	4.465	77	440061	186.761	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	304342	162.978	ug/l	94
28) Bromochloromethane	4.891	49	207753	172.194	ug/l	91
29) Tetrahydrofuran	5.007	42	617277	836.734	ug/l	98
30) Chloroform	5.092	83	513285	171.734	ug/l	98
31) Cyclohexane	5.458	56	367157	157.989	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	455922	178.438	ug/l	98
36) 1,1-Dichloropropene	5.684	75	331239	166.559	ug/l	98
37) Ethyl Acetate	4.721	43	393670	175.887	ug/l	97
38) Carbon Tetrachloride	5.672	117	376287	178.719	ug/l	98
39) Methylcyclohexane	7.372	83	410333	164.816	ug/l	96
40) Benzene	6.031	78	999210	159.808	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043930.D
 Acq On : 21 Nov 2024 12:03
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 21 12:32:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 12:18:48 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	206026	176.637	ug/l	95
42) 1,2-Dichloroethane	6.080	62	397508	175.089	ug/l	98
43) Isopropyl Acetate	6.342	43	661839	187.445	ug/l	94
44) Trichloroethene	7.123	130	251071	145.657	ug/l	97
45) 1,2-Dichloropropane	7.427	63	249394	162.744	ug/l	100
46) Dibromomethane	7.580	93	202329	175.212	ug/l	95
47) Bromodichloromethane	7.818	83	388259	191.362	ug/l	97
48) Methyl methacrylate	7.690	41	315872	180.493	ug/l	88
49) 1,4-Dioxane	7.665	88	106634	2860.706	ug/l #	76
51) 4-Methyl-2-Pentanone	8.580	43	1954925	887.971	ug/l	96
52) Toluene	8.714	92	607179	168.323	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	406346	197.387	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	428549	183.704	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	245706	174.579	ug/l	99
56) Ethyl methacrylate	9.116	69	420409	188.658	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	416811	176.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1023576	875.887	ug/l	98
59) 2-Hexanone	9.433	43	1493755	961.650	ug/l	94
60) Dibromochloromethane	9.518	129	286188	208.679	ug/l	100
61) 1,2-Dibromoethane	9.610	107	261369	178.035	ug/l	100
64) Tetrachloroethene	9.268	164	202262	155.122	ug/l	98
65) Chlorobenzene	10.079	112	675513	159.085	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	241604	170.964	ug/l	97
67) Ethyl Benzene	10.195	91	1181693	165.365	ug/l	100
68) m/p-Xylenes	10.299	106	884067	332.148	ug/l	97
69) o-Xylene	10.640	106	436919	168.240	ug/l	98
70) Styrene	10.652	104	742061	173.379	ug/l	97
71) Bromoform	10.799	173	186691	161.632	ug/l #	100
73) Isopropylbenzene	10.963	105	1135309	165.031	ug/l	99
74) N-amyl acetate	10.841	43	586560	159.995	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	379947	163.351	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	313344m	159.312	ug/l	
77) Bromobenzene	11.195	156	270671	160.539	ug/l	98
78) n-propylbenzene	11.305	91	1296979	170.866	ug/l	99
79) 2-Chlorotoluene	11.366	91	788163	163.185	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	936129	164.167	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	136104	161.734	ug/l	99
82) 4-Chlorotoluene	11.451	91	919566	165.319	ug/l	100
83) tert-Butylbenzene	11.713	119	945058	162.017	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	933275	161.161	ug/l	100
85) sec-Butylbenzene	11.890	105	1148877	164.934	ug/l	100
86) p-Isopropyltoluene	12.006	119	972007	166.189	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	490336	156.923	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	494318	154.301	ug/l	99
89) n-Butylbenzene	12.329	91	903805	181.353	ug/l	99
90) Hexachloroethane	12.536	117	180575	151.823	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	503214	153.818	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	87963	146.019	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	325289	170.137	ug/l	99
94) Hexachlorobutadiene	13.725	225	121126	154.589	ug/l	97
95) Naphthalene	13.774	128	1173154	164.565	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	326693	164.001	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043930.D
Acq On : 21 Nov 2024 12:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:32:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 12:18:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

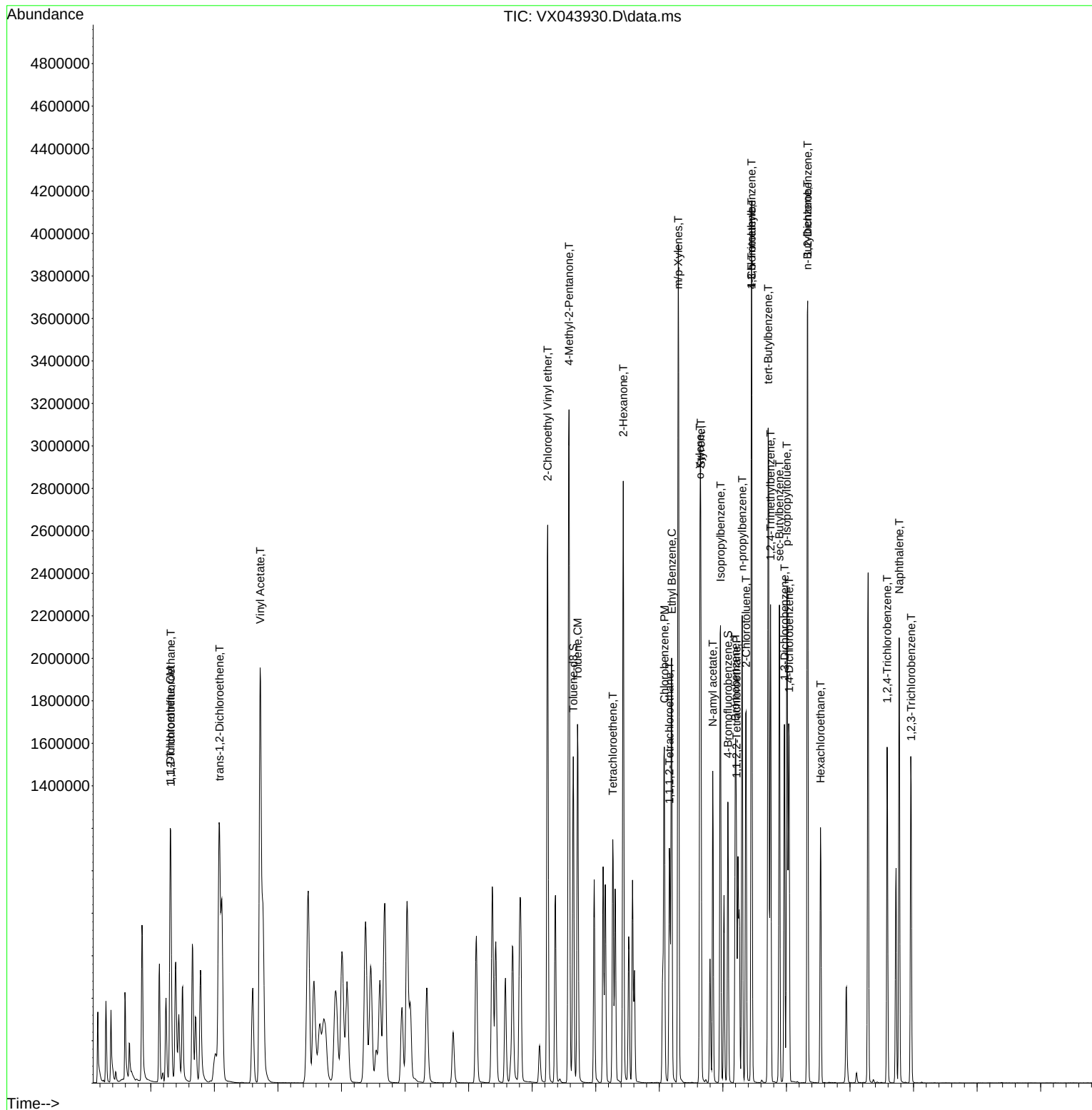
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Data File : VX043930.D
Acq On : 21 Nov 2024 12:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:32:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 12:18:48 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043932.D
 Acq On : 21 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:54:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	131073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	229009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	198776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112818	50.183	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.360%			
35) Dibromofluoromethane	5.379	113	85815	52.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.880%			
50) Toluene-d8	8.647	98	289000	51.234	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.460%			
62) 4-Bromofluorobenzene	11.079	95	103640	53.987	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	83916	50.537	ug/l	99
3) Chloromethane	1.295	50	85795	49.100	ug/l	98
4) Vinyl Chloride	1.374	62	93147	50.118	ug/l	97
5) Bromomethane	1.593	94	53783	47.040	ug/l	100
6) Chloroethane	1.660	64	46342	40.921	ug/l	100
7) Trichlorofluoromethane	1.868	101	177461	53.407	ug/l	99
8) Diethyl Ether	2.130	74	57339	47.345	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	80458	50.762	ug/l	98
10) Methyl Iodide	2.441	142	96234	48.614	ug/l	100
11) Tert butyl alcohol	2.995	59	85927	238.127	ug/l	99
12) 1,1-Dichloroethene	2.307	96	72787	48.192	ug/l	99
13) Acrolein	2.233	56	89571	235.500	ug/l	98
14) Allyl chloride	2.654	41	127367	51.610	ug/l	99
15) Acrylonitrile	3.063	53	227832	259.090	ug/l	99
16) Acetone	2.386	43	257802	249.676	ug/l	99
17) Carbon Disulfide	2.496	76	153826	49.375	ug/l	100
18) Methyl Acetate	2.703	43	121774	50.643	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	275221	50.186	ug/l	98
20) Methylene Chloride	2.782	84	82274	46.954	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	76687	49.179	ug/l	97
22) Diisopropyl ether	3.758	45	264554	50.132	ug/l	96
23) Vinyl Acetate	3.715	43	1189244	263.441	ug/l	100
24) 1,1-Dichloroethane	3.599	63	153635	50.466	ug/l	98
25) 2-Butanone	4.556	43	348803	261.804	ug/l	98
26) 2,2-Dichloropropane	4.459	77	143910	52.343	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	95076	49.326	ug/l	99
28) Bromochloromethane	4.891	49	62874	46.920	ug/l	96
29) Tetrahydrofuran	5.001	42	207942	254.585	ug/l	100
30) Chloroform	5.080	83	163357	49.891	ug/l	98
31) Cyclohexane	5.458	56	128482	51.278	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	144908	51.320	ug/l	99
36) 1,1-Dichloropropene	5.678	75	108518	53.218	ug/l	97
37) Ethyl Acetate	4.709	43	133283	52.656	ug/l	97
38) Carbon Tetrachloride	5.660	117	118655	51.786	ug/l	99
39) Methylcyclohexane	7.373	83	141696	53.489	ug/l	93
40) Benzene	6.025	78	319222	50.257	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043932.D
 Acq On : 21 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 22 03:54:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	69766	53.851	ug/l	99
42) 1,2-Dichloroethane	6.074	62	128623	50.421	ug/l	100
43) Isopropyl Acetate	6.336	43	207332	51.469	ug/l	99
44) Trichloroethene	7.117	130	80113	44.554	ug/l	90
45) 1,2-Dichloropropane	7.422	63	74380	47.811	ug/l	98
46) Dibromomethane	7.574	93	62345	50.662	ug/l	99
47) Bromodichloromethane	7.818	83	116199	52.648	ug/l	99
48) Methyl methacrylate	7.690	41	101062	52.284	ug/l	99
49) 1,4-Dioxane	7.659	88	31178	905.506	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	652721	265.520	ug/l	100
52) Toluene	8.714	92	195814	51.507	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	119461	53.077	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	128808	52.205	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	78575	50.069	ug/l	97
56) Ethyl methacrylate	9.116	69	129841	53.118	ug/l	100
57) 1,3-Dichloropropane	9.305	76	134680	50.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	315358	235.230	ug/l	99
59) 2-Hexanone	9.427	43	504444	273.011	ug/l	100
60) Dibromochloromethane	9.519	129	82754	52.557	ug/l	99
61) 1,2-Dibromoethane	9.604	107	83098	52.367	ug/l	100
64) Tetrachloroethene	9.269	164	66054	50.396	ug/l	97
65) Chlorobenzene	10.073	112	209963	48.094	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	74354	52.515	ug/l	98
67) Ethyl Benzene	10.189	91	377215	50.991	ug/l	97
68) m/p-Xylenes	10.299	106	282971	102.572	ug/l	99
69) o-Xylene	10.640	106	138437	51.396	ug/l	98
70) Styrene	10.653	104	230449	51.728	ug/l	99
71) Bromoform	10.799	173	50837	47.449	ug/l #	98
73) Isopropylbenzene	10.957	105	365084	49.222	ug/l	99
74) N-amyl acetate	10.842	43	176627	51.406	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	125346	49.356	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	105742m	49.973	ug/l	
77) Bromobenzene	11.195	156	85070	48.081	ug/l	99
78) n-propylbenzene	11.305	91	419586	50.652	ug/l	99
79) 2-Chlorotoluene	11.360	91	249079	47.551	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	305922	50.134	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	38583	49.756	ug/l	98
82) 4-Chlorotoluene	11.451	91	287717	48.652	ug/l	100
83) tert-Butylbenzene	11.713	119	303408	50.165	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	306251	50.410	ug/l	100
85) sec-Butylbenzene	11.890	105	372793	50.307	ug/l	99
86) p-Isopropyltoluene	12.006	119	310060	51.511	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	153164	47.529	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	155422	47.306	ug/l	97
89) n-Butylbenzene	12.329	91	276075	52.020	ug/l	99
90) Hexachloroethane	12.536	117	51229	50.050	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	154980	47.656	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25968	51.030	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	94896	49.495	ug/l	99
94) Hexachlorobutadiene	13.725	225	37937	50.065	ug/l	97
95) Naphthalene	13.774	128	357725	51.831	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	99447	51.246	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

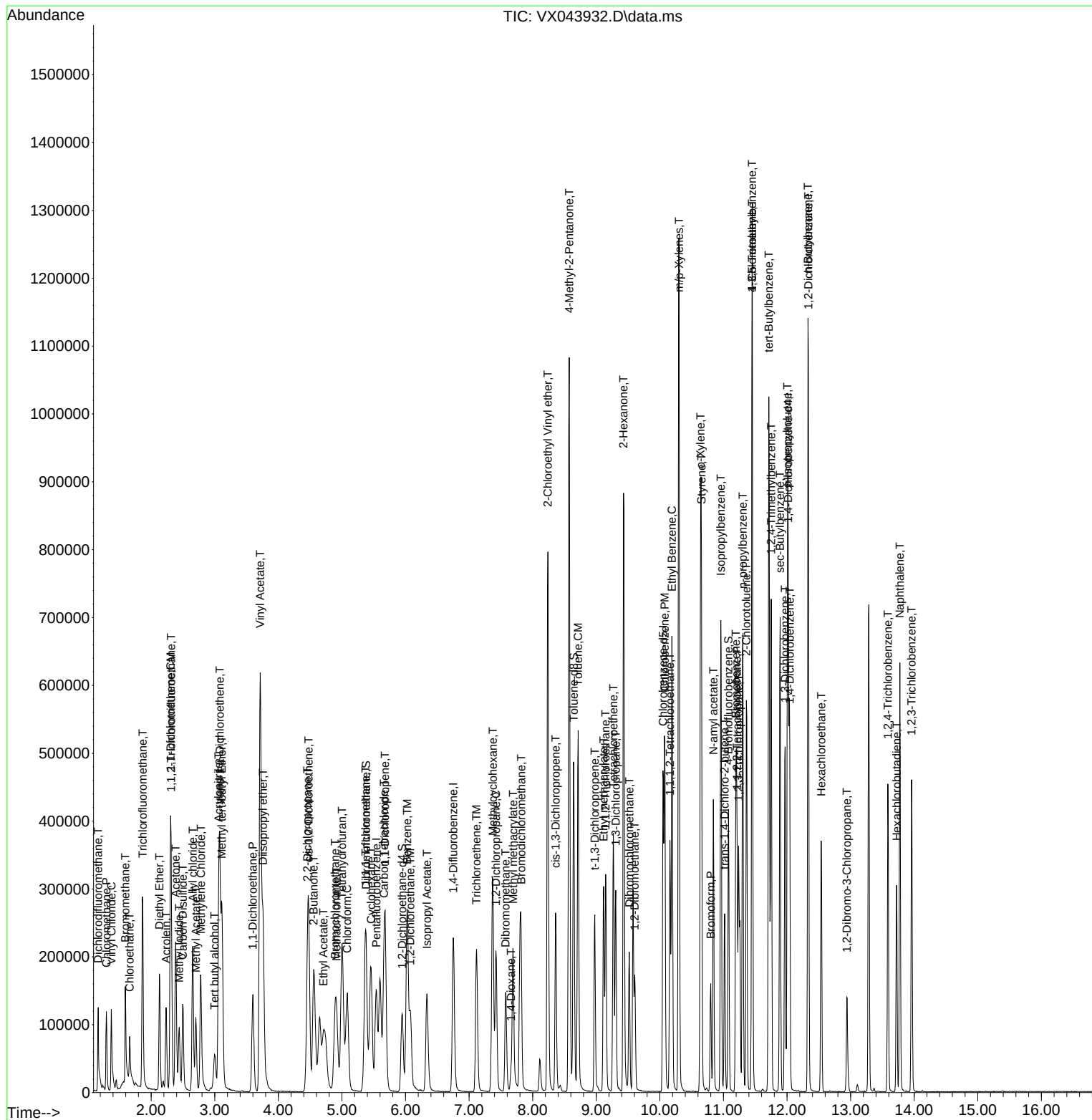
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On    : 21 Nov 2024 13:57
Operator  : JC/MD
Sample    : VSTDICV050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 20 Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043932.D
 Acq On : 21 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 22 03:54:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	95	0.00
2 T	Dichlorodifluoromethane	0.633	0.640	-1.1	89	0.00
3 P	Chloromethane	0.667	0.655	1.8	89	0.00
4 C	Vinyl Chloride	0.709	0.711	-0.3#	88	0.00
5 T	Bromomethane	0.436	0.410	6.0	87	0.00
6 T	Chloroethane	0.432	0.354	18.1	73	0.00
7 T	Trichlorofluoromethane	1.268	1.354	-6.8	94	0.00
8 T	Diethyl Ether	0.462	0.437	5.4	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.605	0.614	-1.5	88	0.00
10 T	Methyl Iodide	0.755	0.734	2.8	86	0.00
11 T	Tert butyl alcohol	0.138	0.131	5.1	86	0.00
12 CM	1,1-Dichloroethene	0.576	0.555	3.6#	88	0.00
13 T	Acrolein	0.145	0.137	5.5	89	0.00
14 T	Allyl chloride	0.941	0.972	-3.3	88	0.00
15 T	Acrylonitrile	0.335	0.348	-3.9	89	0.00
16 T	Acetone	0.394	0.393	0.3	88	0.00
17 T	Carbon Disulfide	1.188	1.174	1.2	86	0.00
18 T	Methyl Acetate	0.917	0.929	-1.3	89	0.00
19 T	Methyl tert-butyl Ether	2.092	2.100	-0.4	88	0.00
20 T	Methylene Chloride	0.668	0.628	6.0	89	0.00
21 T	trans-1,2-Dichloroethene	0.595	0.585	1.7	87	0.00
22 T	Diisopropyl ether	2.013	2.018	-0.2	88	0.00
23 T	Vinyl Acetate	1.722	1.815	-5.4	88	0.00
24 P	1,1-Dichloroethane	1.161	1.172	-0.9	88	0.00
25 T	2-Butanone	0.508	0.532	-4.7	89	0.00
26 T	2,2-Dichloropropane	1.049	1.098	-4.7	91	0.00
27 T	cis-1,2-Dichloroethene	0.735	0.725	1.4	87	0.00
28 T	Bromochloromethane	0.511	0.480	6.1	101	0.00
29 T	Tetrahydrofuran	0.312	0.317	-1.6	89	0.00
30 C	Chloroform	1.249	1.246	0.2#	90	0.00
31 T	Cyclohexane	0.956	0.980	-2.5	89	0.00
32 T	1,1,1-Trichloroethane	1.077	1.106	-2.7	88	0.00
33 S	1,2-Dichloroethane-d4	0.858	0.861	-0.3	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.357	0.375	-5.0	109	0.00
36 T	1,1-Dichloropropene	0.445	0.474	-6.5	91	0.00
37 T	Ethyl Acetate	0.553	0.582	-5.2	90	0.00
38 T	Carbon Tetrachloride	0.500	0.518	-3.6	88	0.00
39 T	Methylcyclohexane	0.578	0.619	-7.1	89	0.00
40 TM	Benzene	1.387	1.394	-0.5	88	0.00
41 T	Methacrylonitrile	0.283	0.305	-7.8	88	0.00
42 TM	1,2-Dichloroethane	0.557	0.562	-0.9	88	0.00
43 T	Isopropyl Acetate	0.880	0.905	-2.8	88	0.00
44 TM	Trichloroethene	0.393	0.350	10.9	89	0.00
45 C	1,2-Dichloropropane	0.340	0.325	4.4#	83	0.00
46 T	Dibromomethane	0.269	0.272	-1.1	88	0.00
47 T	Bromodichloromethane	0.482	0.507	-5.2	88	0.00
48 T	Methyl methacrylate	0.422	0.441	-4.5	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043932.D
 Acq On : 21 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX112124

Quant Time: Nov 22 03:54:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.007	12.5	79	0.00
50 S	Toluene-d8	1.232	1.262	-2.4	108	0.00
51 T	4-Methyl-2-Pentanone	0.537	0.570	-6.1	89	0.00
52 CM	Toluene	0.830	0.855	-3.0#	88	0.00
53 T	t-1,3-Dichloropropene	0.491	0.522	-6.3	87	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.562	-4.3	87	0.00
55 T	1,1,2-Trichloroethane	0.343	0.343	0.0	88	0.00
56 T	Ethyl methacrylate	0.534	0.567	-6.2	88	0.00
57 T	1,3-Dichloropropane	0.577	0.588	-1.9	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.273	0.275	-0.7	85	0.00
59 T	2-Hexanone	0.403	0.441	-9.4	89	0.00
60 T	Dibromochloromethane	0.344	0.361	-4.9	87	0.00
61 T	1,2-Dibromoethane	0.346	0.363	-4.9	89	0.00
62 S	4-Bromofluorobenzene	0.419	0.453	-8.1	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.330	0.332	-0.6	89	0.00
65 PM	Chlorobenzene	1.098	1.056	3.8	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.374	-5.1	89	0.00
67 C	Ethyl Benzene	1.861	1.898	-2.0#	88	0.00
68 T	m/p-Xylenes	0.694	0.712	-2.6	87	0.00
69 T	o-Xylene	0.678	0.696	-2.7	86	0.00
70 T	Styrene	1.121	1.159	-3.4	86	0.00
71 P	Bromoform	0.240	0.256	-6.7	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.843	3.784	1.5	89	0.00
74 T	N-amyl acetate	1.780	1.831	-2.9	88	0.00
75 P	1,1,2,2-Tetrachloroethane	1.316	1.299	1.3	90	0.00
76 T	1,2,3-Trichloropropane	1.096	1.096	0.0	89	0.00
77 T	Bromobenzene	0.917	0.882	3.8	87	0.00
78 T	n-propylbenzene	4.293	4.349	-1.3	88	0.00
79 T	2-Chlorotoluene	2.714	2.581	4.9	87	0.00
80 T	1,3,5-Trimethylbenzene	3.162	3.171	-0.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.402	0.400	0.5	87	0.00
82 T	4-Chlorotoluene	3.064	2.982	2.7	86	0.00
83 T	tert-Butylbenzene	3.134	3.144	-0.3	88	0.00
84 T	1,2,4-Trimethylbenzene	3.148	3.174	-0.8	89	0.00
85 T	sec-Butylbenzene	3.840	3.864	-0.6	87	0.00
86 T	p-Isopropyltoluene	3.119	3.213	-3.0	88	0.00
87 T	1,3-Dichlorobenzene	1.670	1.587	5.0	87	0.00
88 T	1,4-Dichlorobenzene	1.702	1.611	5.3	87	0.00
89 T	n-Butylbenzene	2.750	2.861	-4.0	86	0.00
90 T	Hexachloroethane	0.530	0.531	-0.2	87	0.00
91 T	1,2-Dichlorobenzene	1.685	1.606	4.7	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.264	0.269	-1.9	91	0.00
93 T	1,2,4-Trichlorobenzene	0.994	0.983	1.1	87	0.00
94 T	Hexachlorobutadiene	0.393	0.393	0.0	92	0.00
95 T	Naphthalene	3.576	3.707	-3.7	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	1.031	-2.5	89	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043932.D
 Acq On : 21 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 22 03:54:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	95	0.00
2 T	Dichlorodifluoromethane	50.000	50.537	-1.1	89	0.00
3 P	Chloromethane	50.000	49.100	1.8	89	0.00
4 C	Vinyl Chloride	50.000	50.118	-0.2#	88	0.00
5 T	Bromomethane	50.000	47.040	5.9	87	0.00
6 T	Chloroethane	50.000	40.921	18.2	73	0.00
7 T	Trichlorofluoromethane	50.000	53.407	-6.8	94	0.00
8 T	Diethyl Ether	50.000	47.345	5.3	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.762	-1.5	88	0.00
10 T	Methyl Iodide	50.000	48.614	2.8	86	0.00
11 T	Tert butyl alcohol	250.000	238.127	4.7	86	0.00
12 CM	1,1-Dichloroethene	50.000	48.192	3.6#	88	0.00
13 T	Acrolein	250.000	235.500	5.8	89	0.00
14 T	Allyl chloride	50.000	51.610	-3.2	88	0.00
15 T	Acrylonitrile	250.000	259.090	-3.6	89	0.00
16 T	Acetone	250.000	249.676	0.1	88	0.00
17 T	Carbon Disulfide	50.000	49.375	1.3	86	0.00
18 T	Methyl Acetate	50.000	50.643	-1.3	89	0.00
19 T	Methyl tert-butyl Ether	50.000	50.186	-0.4	88	0.00
20 T	Methylene Chloride	50.000	46.954	6.1	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.179	1.6	87	0.00
22 T	Diisopropyl ether	50.000	50.132	-0.3	88	0.00
23 T	Vinyl Acetate	250.000	263.441	-5.4	88	0.00
24 P	1,1-Dichloroethane	50.000	50.466	-0.9	88	0.00
25 T	2-Butanone	250.000	261.804	-4.7	89	0.00
26 T	2,2-Dichloropropane	50.000	52.343	-4.7	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.326	1.3	87	0.00
28 T	Bromochloromethane	50.000	46.920	6.2	101	0.00
29 T	Tetrahydrofuran	250.000	254.585	-1.8	89	0.00
30 C	Chloroform	50.000	49.891	0.2#	90	0.00
31 T	Cyclohexane	50.000	51.278	-2.6	89	0.00
32 T	1,1,1-Trichloroethane	50.000	51.320	-2.6	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.183	-0.4	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	52.442	-4.9	109	0.00
36 T	1,1-Dichloropropene	50.000	53.218	-6.4	91	0.00
37 T	Ethyl Acetate	50.000	52.656	-5.3	90	0.00
38 T	Carbon Tetrachloride	50.000	51.786	-3.6	88	0.00
39 T	Methylcyclohexane	50.000	53.489	-7.0	89	0.00
40 TM	Benzene	50.000	50.257	-0.5	88	0.00
41 T	Methacrylonitrile	50.000	53.851	-7.7	88	0.00
42 TM	1,2-Dichloroethane	50.000	50.421	-0.8	88	0.00
43 T	Isopropyl Acetate	50.000	51.469	-2.9	88	0.00
44 TM	Trichloroethene	50.000	44.554	10.9	89	0.00
45 C	1,2-Dichloropropane	50.000	47.811	4.4#	83	0.00
46 T	Dibromomethane	50.000	50.662	-1.3	88	0.00
47 T	Bromodichloromethane	50.000	52.648	-5.3	88	0.00
48 T	Methyl methacrylate	50.000	52.284	-4.6	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043932.D
 Acq On : 21 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX112124

Quant Time: Nov 22 03:54:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	905.506	9.4	79	0.00
50 S	Toluene-d8	50.000	51.234	-2.5	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.520	-6.2	89	0.00
52 CM	Toluene	50.000	51.507	-3.0#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	53.077	-6.2	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.205	-4.4	87	0.00
55 T	1,1,2-Trichloroethane	50.000	50.069	-0.1	88	0.00
56 T	Ethyl methacrylate	50.000	53.118	-6.2	88	0.00
57 T	1,3-Dichloropropane	50.000	50.945	-1.9	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	235.230	5.9	85	0.00
59 T	2-Hexanone	250.000	273.011	-9.2	89	0.00
60 T	Dibromochloromethane	50.000	52.557	-5.1	87	0.00
61 T	1,2-Dibromoethane	50.000	52.367	-4.7	89	0.00
62 S	4-Bromofluorobenzene	50.000	53.987	-8.0	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	50.396	-0.8	89	0.00
65 PM	Chlorobenzene	50.000	48.094	3.8	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.515	-5.0	89	0.00
67 C	Ethyl Benzene	50.000	50.991	-2.0#	88	0.00
68 T	m/p-Xylenes	100.000	102.572	-2.6	87	0.00
69 T	o-Xylene	50.000	51.396	-2.8	86	0.00
70 T	Styrene	50.000	51.728	-3.5	86	0.00
71 P	Bromoform	50.000	47.449	5.1	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	49.222	1.6	89	0.00
74 T	N-amyl acetate	50.000	51.406	-2.8	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.356	1.3	90	0.00
76 T	1,2,3-Trichloropropane	50.000	49.973	0.1	89	0.00
77 T	Bromobenzene	50.000	48.081	3.8	87	0.00
78 T	n-propylbenzene	50.000	50.652	-1.3	88	0.00
79 T	2-Chlorotoluene	50.000	47.551	4.9	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.134	-0.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.756	0.5	87	0.00
82 T	4-Chlorotoluene	50.000	48.652	2.7	86	0.00
83 T	tert-Butylbenzene	50.000	50.165	-0.3	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.410	-0.8	89	0.00
85 T	sec-Butylbenzene	50.000	50.307	-0.6	87	0.00
86 T	p-Isopropyltoluene	50.000	51.511	-3.0	88	0.00
87 T	1,3-Dichlorobenzene	50.000	47.529	4.9	87	0.00
88 T	1,4-Dichlorobenzene	50.000	47.306	5.4	87	0.00
89 T	n-Butylbenzene	50.000	52.020	-4.0	86	0.00
90 T	Hexachloroethane	50.000	50.050	-0.1	87	0.00
91 T	1,2-Dichlorobenzene	50.000	47.656	4.7	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.030	-2.1	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.495	1.0	87	0.00
94 T	Hexachlorobutadiene	50.000	50.065	-0.1	92	0.00
95 T	Naphthalene	50.000	51.831	-3.7	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.246	-2.5	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG No.: P5001

Instrument ID: MSVOA_X Calibration Date/Time: 11/27/2024 08:46

Lab File ID: VX044024.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.577		-8.85	20
Chloromethane	0.667	0.617	0.1	-7.5	20
Vinyl Chloride	0.709	0.636		-10.3	20
Bromomethane	0.436	0.432		-0.92	20
Chloroethane	0.432	0.428		-0.93	20
Trichlorofluoromethane	1.268	1.126		-11.2	20
1,1,2-Trichlorotrifluoroethane	0.605	0.569		-5.95	20
1,1-Dichloroethene	0.576	0.512		-11.11	20
Acetone	0.394	0.390		-1.01	20
Carbon Disulfide	1.188	0.969		-18.43	20
Methyl tert-butyl Ether	2.092	1.967		-5.97	20
Methyl Acetate	0.917	0.850		-7.31	20
Methylene Chloride	0.668	0.602		-9.88	20
trans-1,2-Dichloroethene	0.595	0.533		-10.42	20
1,1-Dichloroethane	1.161	1.078	0.1	-7.15	20
Cyclohexane	0.956	0.850		-11.09	20
2-Butanone	0.508	0.489		-3.74	20
Carbon Tetrachloride	0.500	0.512		2.4	20
cis-1,2-Dichloroethene	0.735	0.673		-8.44	20
Bromochloromethane	0.511	0.491		-3.91	20
Chloroform	1.249	1.167		-6.57	20
1,1,1-Trichloroethane	1.077	1.030		-4.36	20
Methylcyclohexane	0.578	0.559		-3.29	20
Benzene	1.387	1.345		-3.03	20
1,2-Dichloroethane	0.557	0.536		-3.77	20
Trichloroethene	0.393	0.337		-14.25	20
1,2-Dichloropropane	0.340	0.345		1.47	20
Bromodichloromethane	0.482	0.503		4.36	20
4-Methyl-2-Pentanone	0.537	0.532		-0.93	20
Toluene	0.830	0.830		0	20
t-1,3-Dichloropropene	0.491	0.502		2.24	20
cis-1,3-Dichloropropene	0.539	0.543		0.74	20
1,1,2-Trichloroethane	0.343	0.335		-2.33	20
2-Hexanone	0.403	0.411		1.99	20
Dibromochloromethane	0.344	0.361		4.94	20
1,2-Dibromoethane	0.346	0.349		0.87	20
Tetrachloroethene	0.330	0.338		2.42	20
Chlorobenzene	1.098	1.077	0.3	-1.91	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG No.: P5001

Instrument ID: MSVOA_X Calibration Date/Time: 11/27/2024 08:46

Lab File ID: VX044024.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.861	1.877		0.86	20
m/p-Xylenes	0.694	0.703		1.3	20
o-Xylene	0.678	0.683		0.74	20
Styrene	1.121	1.141		1.78	20
Bromoform	0.240	0.257	0.1	7.08	20
Isopropylbenzene	3.843	3.898		1.43	20
1,1,2,2-Tetrachloroethane	1.316	1.301	0.3	-1.14	20
1,3-Dichlorobenzene	1.670	1.662		-0.48	20
1,4-Dichlorobenzene	1.702	1.645		-3.35	20
1,2-Dichlorobenzene	1.685	1.674		-0.65	20
1,2-Dibromo-3-Chloropropane	0.264	0.263		-0.38	20
1,2,4-Trichlorobenzene	0.994	0.984		-1.01	20
1,2,3-Trichlorobenzene	1.006	1.025		1.89	20
1,2-Dichloroethane-d4	0.858	0.810		-5.59	20
Dibromofluoromethane	0.357	0.370		3.64	20
Toluene-d8	1.232	1.254		1.79	20
4-Bromofluorobenzene	0.419	0.419		0	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044024.D
 Acq On : 27 Nov 2024 08:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:38:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.537	168	130547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	218884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	184783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86408	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	105740	47.224	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.440%
35) Dibromofluoromethane	5.373	113	81072	51.835	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.680%
50) Toluene-d8	8.641	98	274377	50.892	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.780%
62) 4-Bromofluorobenzene	11.079	95	91711	49.983	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.960%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	75311	45.538	ug/l	97
3) Chloromethane	1.294	50	80534	46.275	ug/l	100
4) Vinyl Chloride	1.374	62	82993	44.835	ug/l	99
5) Bromomethane	1.599	94	56349	49.483	ug/l	97
6) Chloroethane	1.666	64	55879	49.541	ug/l	99
7) Trichlorofluoromethane	1.874	101	146941	44.400	ug/l	96
8) Diethyl Ether	2.130	74	54109	44.858	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	74240	47.028	ug/l	99
10) Methyl Iodide	2.440	142	92802	47.069	ug/l	98
11) Tert butyl alcohol	2.995	59	81551	226.911	ug/l	99
12) 1,1-Dichloroethene	2.312	96	66795	44.403	ug/l	95
13) Acrolein	2.233	56	77197	203.784	ug/l	100
14) Allyl chloride	2.654	41	114657	46.647	ug/l	99
15) Acrylonitrile	3.056	53	208420	237.970	ug/l	98
16) Acetone	2.380	43	254666	247.633	ug/l	100
17) Carbon Disulfide	2.501	76	126471	40.758	ug/l	99
18) Methyl Acetate	2.697	43	111020	46.357	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	256756	47.008	ug/l	97
20) Methylene Chloride	2.782	84	78624	45.052	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	69531	44.770	ug/l	98
22) Diisopropyl ether	3.751	45	242068	46.056	ug/l	88
23) Vinyl Acetate	3.715	43	1076290	239.380	ug/l	99
24) 1,1-Dichloroethane	3.599	63	140775	46.428	ug/l	98
25) 2-Butanone	4.550	43	319354	240.666	ug/l	99
26) 2,2-Dichloropropane	4.465	77	127370	46.513	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	87873	45.773	ug/l	99
28) Bromochloromethane	4.885	49	64047	47.988	ug/l	97
29) Tetrahydrofuran	4.995	42	186406	229.138	ug/l	99
30) Chloroform	5.080	83	152301	46.702	ug/l	97
31) Cyclohexane	5.458	56	110939	44.455	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	134412	47.795	ug/l	99
36) 1,1-Dichloropropene	5.678	75	93645	48.048	ug/l	99
37) Ethyl Acetate	4.708	43	114449	47.306	ug/l	99
38) Carbon Tetrachloride	5.659	117	112105	51.191	ug/l	97
39) Methylcyclohexane	7.366	83	122366	48.328	ug/l	96
40) Benzene	6.025	78	294332	48.482	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044024.D
 Acq On : 27 Nov 2024 08:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:38:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	62598	50.554	ug/l	95
42) 1,2-Dichloroethane	6.074	62	117341	48.126	ug/l	98
43) Isopropyl Acetate	6.330	43	188495	48.957	ug/l	100
44) Trichloroethene	7.116	130	73684	42.874	ug/l	99
45) 1,2-Dichloropropane	7.421	63	75438	50.735	ug/l	97
46) Dibromomethane	7.574	93	59934	50.955	ug/l	99
47) Bromodichloromethane	7.811	83	110104	52.194	ug/l	100
48) Methyl methacrylate	7.683	41	89682	48.543	ug/l	98
49) 1,4-Dioxane	7.665	88	31598	960.155	ug/l	87
51) 4-Methyl-2-Pentanone	8.567	43	581863	247.644	ug/l	99
52) Toluene	8.714	92	181747	50.018	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	109813	51.048	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	118961	50.445	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	73258	48.840	ug/l	96
56) Ethyl methacrylate	9.116	69	116068	49.680	ug/l	99
57) 1,3-Dichloropropane	9.305	76	126674	50.133	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.232	63	300041	234.146	ug/l	100
59) 2-Hexanone	9.427	43	450164	254.904	ug/l	100
60) Dibromochloromethane	9.518	129	78916	52.438	ug/l	100
61) 1,2-Dibromoethane	9.604	107	76467	50.417	ug/l	99
64) Tetrachloroethene	9.269	164	62443	51.249	ug/l	97
65) Chlorobenzene	10.073	112	198983	49.030	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	69620	52.895	ug/l	99
67) Ethyl Benzene	10.189	91	346780	50.427	ug/l	99
68) m/p-Xylenes	10.299	106	259750	101.285	ug/l	99
69) o-Xylene	10.640	106	126134	50.375	ug/l	99
70) Styrene	10.652	104	210843	50.911	ug/l	99
71) Bromoform	10.799	173	47573	47.741	ug/l #	99
73) Isopropylbenzene	10.957	105	336827	50.711	ug/l	99
74) N-amyl acetate	10.841	43	150540	48.925	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	112445	49.441	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	93407m	49.294	ug/l	
77) Bromobenzene	11.195	156	78818	49.744	ug/l	98
78) n-propylbenzene	11.299	91	378104	50.969	ug/l	98
79) 2-Chlorotoluene	11.360	91	227955	48.595	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	276587	50.615	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33226	47.847	ug/l	98
82) 4-Chlorotoluene	11.451	91	263736	49.800	ug/l	99
83) tert-Butylbenzene	11.713	119	275397	50.846	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	275517	50.643	ug/l	100
85) sec-Butylbenzene	11.890	105	335675	50.583	ug/l	99
86) p-Isopropyltoluene	12.006	119	283919	52.671	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	143580	49.754	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	142164	48.319	ug/l	98
89) n-Butylbenzene	12.329	91	249177	52.430	ug/l	100
90) Hexachloroethane	12.536	117	46037	50.225	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	144679	49.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22768	49.961	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	85047	49.533	ug/l	99
94) Hexachlorobutadiene	13.725	225	33606	49.524	ug/l	97
95) Naphthalene	13.774	128	311649	50.423	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	88547	50.952	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044024.D
Acq On : 27 Nov 2024 08:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:38:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

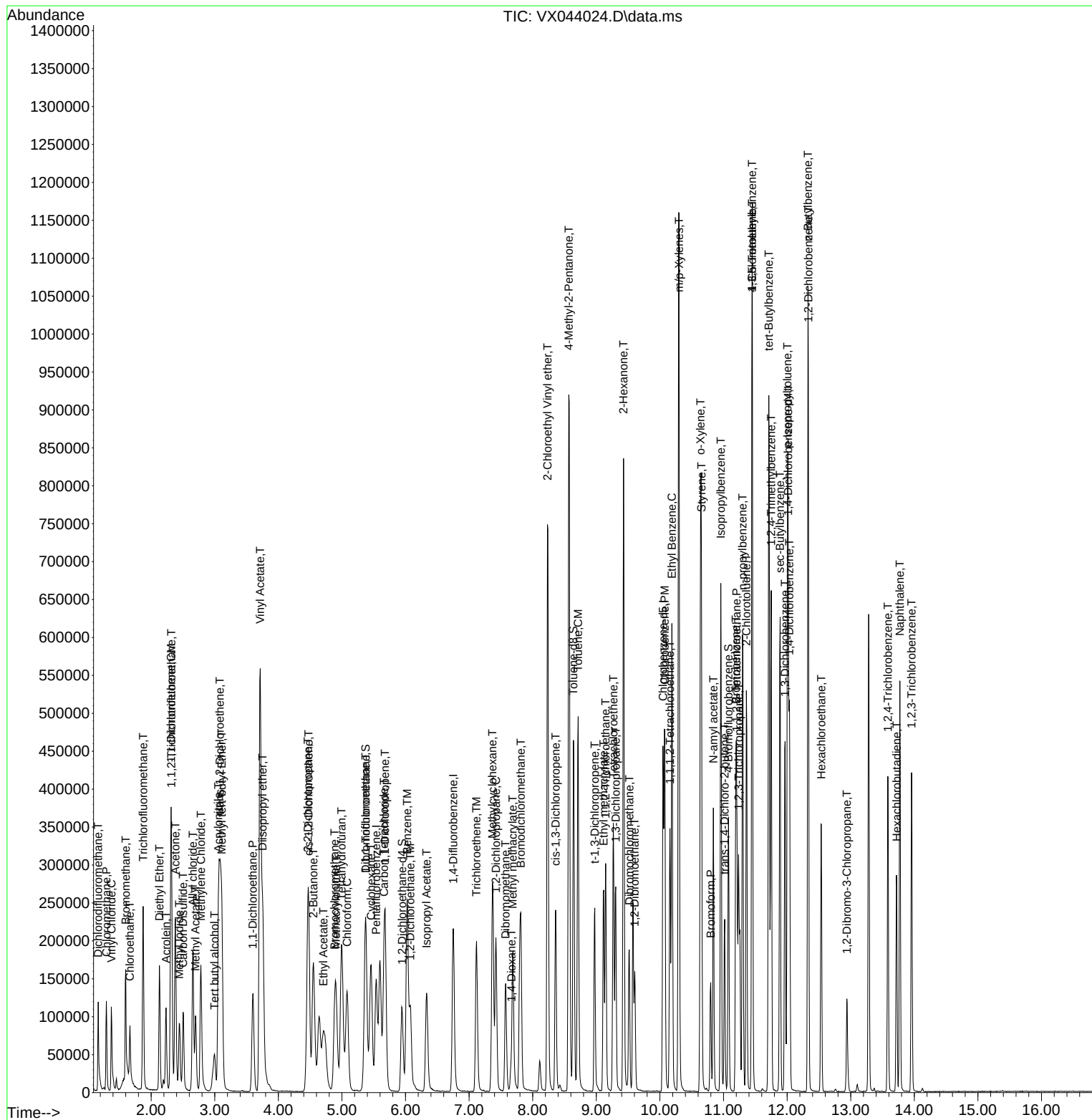
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044024.D
Acq On : 27 Nov 2024 08:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:38:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044024.D
 Acq On : 27 Nov 2024 08:46
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 Sample : VSTDCCC050
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Quant Time: Nov 28 00:38:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	94	0.00
2 T	Dichlorodifluoromethane	0.633	0.577	8.8	79	0.00
3 P	Chloromethane	0.667	0.617	7.5	83	0.00
4 C	Vinyl Chloride	0.709	0.636	10.3#	79	0.00
5 T	Bromomethane	0.436	0.432	0.9	91	0.00
6 T	Chloroethane	0.432	0.428	0.9	88	0.00
7 T	Trichlorofluoromethane	1.268	1.126	11.2	78	0.00
8 T	Diethyl Ether	0.462	0.414	10.4	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.605	0.569	6.0	81	0.00
10 T	Methyl Iodide	0.755	0.711	5.8	83	0.00
11 T	Tert butyl alcohol	0.138	0.125	9.4	81	0.00
12 CM	1,1-Dichloroethene	0.576	0.512	11.1#	80	0.00
13 T	Acrolein	0.145	0.118	18.6	77	0.00
14 T	Allyl chloride	0.941	0.878	6.7	79	0.00
15 T	Acrylonitrile	0.335	0.319	4.8	81	0.00
16 T	Acetone	0.394	0.390	1.0	86	0.00
17 T	Carbon Disulfide	1.188	0.969	18.4	71	0.00
18 T	Methyl Acetate	0.917	0.850	7.3	81	0.00
19 T	Methyl tert-butyl Ether	2.092	1.967	6.0	82	0.00
20 T	Methylene Chloride	0.668	0.602	9.9	85	0.00
21 T	trans-1,2-Dichloroethene	0.595	0.533	10.4	79	0.00
22 T	Diisopropyl ether	2.013	1.854	7.9	81	0.00
23 T	Vinyl Acetate	1.722	1.649	4.2	80	0.00
24 P	1,1-Dichloroethane	1.161	1.078	7.1	81	0.00
25 T	2-Butanone	0.508	0.489	3.7	81	0.00
26 T	2,2-Dichloropropane	1.049	0.976	7.0	81	0.00
27 T	cis-1,2-Dichloroethene	0.735	0.673	8.4	80	0.00
28 T	Bromochloromethane	0.511	0.491	3.9	103	0.00
29 T	Tetrahydrofuran	0.312	0.286	8.3	80	0.00
30 C	Chloroform	1.249	1.167	6.6#	83	0.00
31 T	Cyclohexane	0.956	0.850	11.1	77	0.00
32 T	1,1,1-Trichloroethane	1.077	1.030	4.4	82	0.00
33 S	1,2-Dichloroethane-d4	0.858	0.810	5.6	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.357	0.370	-3.6	103	0.00
36 T	1,1-Dichloropropene	0.445	0.428	3.8	79	0.00
37 T	Ethyl Acetate	0.553	0.523	5.4	78	0.00
38 T	Carbon Tetrachloride	0.500	0.512	-2.4	83	0.00
39 T	Methylcyclohexane	0.578	0.559	3.3	77	0.00
40 TM	Benzene	1.387	1.345	3.0	82	0.00
41 T	Methacrylonitrile	0.283	0.286	-1.1	79	0.00
42 TM	1,2-Dichloroethane	0.557	0.536	3.8	81	0.00
43 T	Isopropyl Acetate	0.880	0.861	2.2	80	0.00
44 TM	Trichloroethene	0.393	0.337	14.2	82	0.00
45 C	1,2-Dichloropropane	0.340	0.345	-1.5#	84	0.00
46 T	Dibromomethane	0.269	0.274	-1.9	85	0.00
47 T	Bromodichloromethane	0.482	0.503	-4.4	84	0.00
48 T	Methyl methacrylate	0.422	0.410	2.8	80	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044024.D
 Acq On : 27 Nov 2024 08:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 28 00:38:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.007	12.5	80	0.00
50 S	Toluene-d8	1.232	1.254	-1.8	103	0.00
51 T	4-Methyl-2-Pentanone	0.537	0.532	0.9	79	0.00
52 CM	Toluene	0.830	0.830	0.0	82	0.00
53 T	t-1,3-Dichloropropene	0.491	0.502	-2.2	80	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.543	-0.7	81	0.00
55 T	1,1,2-Trichloroethane	0.343	0.335	2.3	82	0.00
56 T	Ethyl methacrylate	0.534	0.530	0.7	78	0.00
57 T	1,3-Dichloropropane	0.577	0.579	-0.3	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.273	0.274	-0.4	81	0.00
59 T	2-Hexanone	0.403	0.411	-2.0	79	0.00
60 T	Dibromochloromethane	0.344	0.361	-4.9	83	0.00
61 T	1,2-Dibromoethane	0.346	0.349	-0.9	82	0.00
62 S	4-Bromofluorobenzene	0.419	0.419	0.0	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.330	0.338	-2.4	84	0.00
65 PM	Chlorobenzene	1.098	1.077	1.9	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.377	-5.9	83	0.00
67 C	Ethyl Benzene	1.861	1.877	-0.9#	81	0.00
68 T	m/p-Xylenes	0.694	0.703	-1.3	80	0.00
69 T	o-Xylene	0.678	0.683	-0.7	79	0.00
70 T	Styrene	1.121	1.141	-1.8	79	0.00
71 P	Bromoform	0.240	0.257	-7.1	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.843	3.898	-1.4	82	0.00
74 T	N-amyl acetate	1.780	1.742	2.1	75	0.00
75 P	1,1,2,2-Tetrachloroethane	1.316	1.301	1.1	80	0.00
76 T	1,2,3-Trichloropropane	1.096	1.081	1.4	79	0.00
77 T	Bromobenzene	0.917	0.912	0.5	81	0.00
78 T	n-propylbenzene	4.293	4.376	-1.9	80	0.00
79 T	2-Chlorotoluene	2.714	2.638	2.8	80	0.00
80 T	1,3,5-Trimethylbenzene	3.162	3.201	-1.2	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.402	0.385	4.2	75	0.00
82 T	4-Chlorotoluene	3.064	3.052	0.4	79	0.00
83 T	tert-Butylbenzene	3.134	3.187	-1.7	80	0.00
84 T	1,2,4-Trimethylbenzene	3.148	3.189	-1.3	80	0.00
85 T	sec-Butylbenzene	3.840	3.885	-1.2	79	0.00
86 T	p-Isopropyltoluene	3.119	3.286	-5.4	80	0.00
87 T	1,3-Dichlorobenzene	1.670	1.662	0.5	81	0.00
88 T	1,4-Dichlorobenzene	1.702	1.645	3.3	80	0.00
89 T	n-Butylbenzene	2.750	2.884	-4.9	78	0.00
90 T	Hexachloroethane	0.530	0.533	-0.6	78	0.00
91 T	1,2-Dichlorobenzene	1.685	1.674	0.7	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.264	0.263	0.4	80	0.00
93 T	1,2,4-Trichlorobenzene	0.994	0.984	1.0	78	0.00
94 T	Hexachlorobutadiene	0.393	0.389	1.0	81	0.00
95 T	Naphthalene	3.576	3.607	-0.9	78	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044024.D
Acq On : 27 Nov 2024 08:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 28 00:38:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	1.025	-1.9	79	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044024.D
 Acq On : 27 Nov 2024 08:46
 Operator : JC/MD
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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 28 00:38:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	94	0.00
2 T	Dichlorodifluoromethane	50.000	45.538	8.9	79	0.00
3 P	Chloromethane	50.000	46.275	7.5	83	0.00
4 C	Vinyl Chloride	50.000	44.835	10.3#	79	0.00
5 T	Bromomethane	50.000	49.483	1.0	91	0.00
6 T	Chloroethane	50.000	49.541	0.9	88	0.00
7 T	Trichlorofluoromethane	50.000	44.400	11.2	78	0.00
8 T	Diethyl Ether	50.000	44.858	10.3	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.028	5.9	81	0.00
10 T	Methyl Iodide	50.000	47.069	5.9	83	0.00
11 T	Tert butyl alcohol	250.000	226.911	9.2	81	0.00
12 CM	1,1-Dichloroethene	50.000	44.403	11.2#	80	0.00
13 T	Acrolein	250.000	203.784	18.5	77	0.00
14 T	Allyl chloride	50.000	46.647	6.7	79	0.00
15 T	Acrylonitrile	250.000	237.970	4.8	81	0.00
16 T	Acetone	250.000	247.633	0.9	86	0.00
17 T	Carbon Disulfide	50.000	40.758	18.5	71	0.00
18 T	Methyl Acetate	50.000	46.357	7.3	81	0.00
19 T	Methyl tert-butyl Ether	50.000	47.008	6.0	82	0.00
20 T	Methylene Chloride	50.000	45.052	9.9	85	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.770	10.5	79	0.00
22 T	Diisopropyl ether	50.000	46.056	7.9	81	0.00
23 T	Vinyl Acetate	250.000	239.380	4.2	80	0.00
24 P	1,1-Dichloroethane	50.000	46.428	7.1	81	0.00
25 T	2-Butanone	250.000	240.666	3.7	81	0.00
26 T	2,2-Dichloropropane	50.000	46.513	7.0	81	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.773	8.5	80	0.00
28 T	Bromochloromethane	50.000	47.988	4.0	103	0.00
29 T	Tetrahydrofuran	250.000	229.138	8.3	80	0.00
30 C	Chloroform	50.000	46.702	6.6#	83	0.00
31 T	Cyclohexane	50.000	44.455	11.1	77	0.00
32 T	1,1,1-Trichloroethane	50.000	47.795	4.4	82	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.224	5.6	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	51.835	-3.7	103	0.00
36 T	1,1-Dichloropropene	50.000	48.048	3.9	79	0.00
37 T	Ethyl Acetate	50.000	47.306	5.4	78	0.00
38 T	Carbon Tetrachloride	50.000	51.191	-2.4	83	0.00
39 T	Methylcyclohexane	50.000	48.328	3.3	77	0.00
40 TM	Benzene	50.000	48.482	3.0	82	0.00
41 T	Methacrylonitrile	50.000	50.554	-1.1	79	0.00
42 TM	1,2-Dichloroethane	50.000	48.126	3.7	81	0.00
43 T	Isopropyl Acetate	50.000	48.957	2.1	80	0.00
44 TM	Trichloroethene	50.000	42.874	14.3	82	0.00
45 C	1,2-Dichloropropane	50.000	50.735	-1.5#	84	0.00
46 T	Dibromomethane	50.000	50.955	-1.9	85	0.00
47 T	Bromodichloromethane	50.000	52.194	-4.4	84	0.00
48 T	Methyl methacrylate	50.000	48.543	2.9	80	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044024.D
 Acq On : 27 Nov 2024 08:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 28 00:38:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	960.155	4.0	80	0.00
50 S	Toluene-d8	50.000	50.892	-1.8	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	247.644	0.9	79	0.00
52 CM	Toluene	50.000	50.018	-0.0#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	51.048	-2.1	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.445	-0.9	81	0.00
55 T	1,1,2-Trichloroethane	50.000	48.840	2.3	82	0.00
56 T	Ethyl methacrylate	50.000	49.680	0.6	78	0.00
57 T	1,3-Dichloropropane	50.000	50.133	-0.3	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	234.146	6.3	81	0.00
59 T	2-Hexanone	250.000	254.904	-2.0	79	0.00
60 T	Dibromochloromethane	50.000	52.438	-4.9	83	0.00
61 T	1,2-Dibromoethane	50.000	50.417	-0.8	82	0.00
62 S	4-Bromofluorobenzene	50.000	49.983	0.0	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	51.249	-2.5	84	0.00
65 PM	Chlorobenzene	50.000	49.030	1.9	82	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.895	-5.8	83	0.00
67 C	Ethyl Benzene	50.000	50.427	-0.9#	81	0.00
68 T	m/p-Xylenes	100.000	101.285	-1.3	80	0.00
69 T	o-Xylene	50.000	50.375	-0.8	79	0.00
70 T	Styrene	50.000	50.911	-1.8	79	0.00
71 P	Bromoform	50.000	47.741	4.5	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	50.711	-1.4	82	0.00
74 T	N-amyl acetate	50.000	48.925	2.2	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.441	1.1	80	0.00
76 T	1,2,3-Trichloropropane	50.000	49.294	1.4	79	0.00
77 T	Bromobenzene	50.000	49.744	0.5	81	0.00
78 T	n-propylbenzene	50.000	50.969	-1.9	80	0.00
79 T	2-Chlorotoluene	50.000	48.595	2.8	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.615	-1.2	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.847	4.3	75	0.00
82 T	4-Chlorotoluene	50.000	49.800	0.4	79	0.00
83 T	tert-Butylbenzene	50.000	50.846	-1.7	80	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.643	-1.3	80	0.00
85 T	sec-Butylbenzene	50.000	50.583	-1.2	79	0.00
86 T	p-Isopropyltoluene	50.000	52.671	-5.3	80	0.00
87 T	1,3-Dichlorobenzene	50.000	49.754	0.5	81	0.00
88 T	1,4-Dichlorobenzene	50.000	48.319	3.4	80	0.00
89 T	n-Butylbenzene	50.000	52.430	-4.9	78	0.00
90 T	Hexachloroethane	50.000	50.225	-0.5	78	0.00
91 T	1,2-Dichlorobenzene	50.000	49.679	0.6	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.961	0.1	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.533	0.9	78	0.00
94 T	Hexachlorobutadiene	50.000	49.524	1.0	81	0.00
95 T	Naphthalene	50.000	50.423	-0.8	78	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044024.D
Acq On : 27 Nov 2024 08:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Nov 28 00:38:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.952	-1.9	79	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG No.: P5001

Instrument ID: MSVOA_X Calibration Date/Time: 12/02/2024 09:45

Lab File ID: VX044052.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.618		-2.37	20
Chloromethane	0.667	0.595	0.1	-10.8	20
Vinyl Chloride	0.709	0.647		-8.74	20
Bromomethane	0.436	0.438		0.46	20
Chloroethane	0.432	0.399		-7.64	20
Trichlorofluoromethane	1.268	1.256		-0.95	20
1,1,2-Trichlorotrifluoroethane	0.605	0.636		5.12	20
1,1-Dichloroethene	0.576	0.572		-0.69	20
Acetone	0.394	0.386		-2.03	20
Carbon Disulfide	1.188	1.204		1.35	20
Methyl tert-butyl Ether	2.092	2.203		5.31	20
Methyl Acetate	0.917	0.909		-0.87	20
Methylene Chloride	0.668	0.636		-4.79	20
trans-1,2-Dichloroethene	0.595	0.580		-2.52	20
1,1-Dichloroethane	1.161	1.200	0.1	3.36	20
Cyclohexane	0.956	0.931		-2.62	20
2-Butanone	0.508	0.487		-4.13	20
Carbon Tetrachloride	0.500	0.560		12	20
cis-1,2-Dichloroethene	0.735	0.730		-0.68	20
Bromochloromethane	0.511	0.498		-2.54	20
Chloroform	1.249	1.281		2.56	20
1,1,1-Trichloroethane	1.077	1.162		7.89	20
Methylcyclohexane	0.578	0.602		4.15	20
Benzene	1.387	1.412		1.8	20
1,2-Dichloroethane	0.557	0.580		4.13	20
Trichloroethene	0.393	0.353		-10.18	20
1,2-Dichloropropane	0.340	0.356		4.71	20
Bromodichloromethane	0.482	0.561		16.39	20
4-Methyl-2-Pentanone	0.537	0.535		-0.37	20
Toluene	0.830	0.852		2.65	20
t-1,3-Dichloropropene	0.491	0.551		12.22	20
cis-1,3-Dichloropropene	0.539	0.588		9.09	20
1,1,2-Trichloroethane	0.343	0.351		2.33	20
2-Hexanone	0.403	0.411		1.99	20
Dibromochloromethane	0.344	0.402		16.86	20
1,2-Dibromoethane	0.346	0.360		4.05	20
Tetrachloroethene	0.330	0.340		3.03	20
Chlorobenzene	1.098	1.117	0.3	1.73	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5001 SAS No.: P5001 SDG No.: P5001

Instrument ID: MSVOA_X Calibration Date/Time: 12/02/2024 09:45

Lab File ID: VX044052.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.861	1.956		5.11	20
m/p-Xylenes	0.694	0.726		4.61	20
o-Xylene	0.678	0.704		3.84	20
Styrene	1.121	1.209		7.85	20
Bromoform	0.240	0.296	0.1	23.33	20
Isopropylbenzene	3.843	3.944		2.63	20
1,1,2,2-Tetrachloroethane	1.316	1.283	0.3	-2.51	20
1,3-Dichlorobenzene	1.670	1.718		2.87	20
1,4-Dichlorobenzene	1.702	1.702		0	20
1,2-Dichlorobenzene	1.685	1.704		1.13	20
1,2-Dibromo-3-Chloropropane	0.264	0.272		3.03	20
1,2,4-Trichlorobenzene	0.994	1.041		4.73	20
1,2,3-Trichlorobenzene	1.006	1.050		4.37	20
1,2-Dichloroethane-d4	0.858	0.890		3.73	20
Dibromofluoromethane	0.357	0.379		6.16	20
Toluene-d8	1.232	1.268		2.92	20
4-Bromofluorobenzene	0.419	0.442		5.49	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.543	168	140021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	242098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	204952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	124611	51.887	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.780%
35) Dibromofluoromethane	5.373	113	91744	53.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.060%
50) Toluene-d8	8.640	98	306897	51.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.940%
62) 4-Bromofluorobenzene	11.079	95	106993	52.721	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.440%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	86493	48.760	ug/l	96
3) Chloromethane	1.294	50	83366	44.661	ug/l	97
4) Vinyl Chloride	1.373	62	90554	45.609	ug/l	99
5) Bromomethane	1.599	94	61375	50.250	ug/l	97
6) Chloroethane	1.666	64	55849	46.164	ug/l	99
7) Trichlorofluoromethane	1.867	101	175841	49.537	ug/l	100
8) Diethyl Ether	2.129	74	61929	47.867	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	89039	52.586	ug/l	99
10) Methyl Iodide	2.440	142	107895	51.022	ug/l	97
11) Tert butyl alcohol	3.007	59	82554	214.160	ug/l	97
12) 1,1-Dichloroethene	2.306	96	80026	49.599	ug/l	96
13) Acrolein	2.233	56	110346	271.581	ug/l	98
14) Allyl chloride	2.654	41	138703	52.611	ug/l	98
15) Acrylonitrile	3.062	53	227682	242.374	ug/l	99
16) Acetone	2.379	43	270514	245.245	ug/l	99
17) Carbon Disulfide	2.501	76	168533	50.639	ug/l	98
18) Methyl Acetate	2.696	43	127328	49.569	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	308452	52.651	ug/l	99
20) Methylene Chloride	2.782	84	89121	47.611	ug/l	97
21) trans-1,2-Dichloroethene	3.080	96	81277	48.792	ug/l	96
22) Diisopropyl ether	3.757	45	300056	53.226	ug/l	96
23) Vinyl Acetate	3.714	43	1270483	263.452	ug/l	99
24) 1,1-Dichloroethane	3.599	63	168066	51.678	ug/l	99
25) 2-Butanone	4.550	43	340993	239.586	ug/l	100
26) 2,2-Dichloropropane	4.458	77	159292	54.235	ug/l	100
27) cis-1,2-Dichloroethene	4.476	96	102274	49.670	ug/l	96
28) Bromochloromethane	4.885	49	69670	48.669	ug/l	97
29) Tetrahydrofuran	4.995	42	199491	228.630	ug/l	99
30) Chloroform	5.080	83	179380	51.284	ug/l	97
31) Cyclohexane	5.458	56	130363	48.704	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	162737	53.951	ug/l	99
36) 1,1-Dichloropropene	5.677	75	113428	52.618	ug/l	98
37) Ethyl Acetate	4.702	43	127248	47.553	ug/l	99
38) Carbon Tetrachloride	5.665	117	135548	55.961	ug/l	98
39) Methylcyclohexane	7.366	83	145683	52.020	ug/l	100
40) Benzene	6.025	78	341850	50.910	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	72182	52.704	ug/l	98
42) 1,2-Dichloroethane	6.074	62	140487	52.094	ug/l	99
43) Isopropyl Acetate	6.330	43	219674	51.584	ug/l	99
44) Trichloroethene	7.110	130	85401	44.927	ug/l	93
45) 1,2-Dichloropropane	7.421	63	86127	52.369	ug/l	98
46) Dibromomethane	7.573	93	68292	52.494	ug/l	99
47) Bromodichloromethane	7.817	83	135862	58.229	ug/l	100
48) Methyl methacrylate	7.689	41	102048	49.940	ug/l	99
49) 1,4-Dioxane	7.665	88	33859	930.205	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	647758	249.255	ug/l	99
52) Toluene	8.713	92	206208	51.308	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	133476	56.098	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	142364	54.580	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	84935	51.196	ug/l	98
56) Ethyl methacrylate	9.116	69	134166	51.920	ug/l	98
57) 1,3-Dichloropropane	9.305	76	144385	51.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	278297	196.017	ug/l	99
59) 2-Hexanone	9.427	43	498051	254.978	ug/l	99
60) Dibromochloromethane	9.518	129	97377	58.500	ug/l	98
61) 1,2-Dibromoethane	9.604	107	87062	51.899	ug/l	100
64) Tetrachloroethene	9.268	164	69696	51.572	ug/l	96
65) Chlorobenzene	10.073	112	228907	50.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	83832	57.425	ug/l	99
67) Ethyl Benzene	10.189	91	400918	52.562	ug/l	99
68) m/p-Xylenes	10.299	106	297563	104.612	ug/l	100
69) o-Xylene	10.640	106	144197	51.921	ug/l	96
70) Styrene	10.652	104	247778	53.942	ug/l	98
71) Bromoform	10.799	173	60728	54.373	ug/l #	99
73) Isopropylbenzene	10.957	105	389946	51.313	ug/l	99
74) N-amyl acetate	10.841	43	179547	51.002	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	126860	48.753	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	108048m	49.837	ug/l	
77) Bromobenzene	11.195	156	91526	50.488	ug/l	98
78) n-propylbenzene	11.298	91	438915	51.714	ug/l	99
79) 2-Chlorotoluene	11.359	91	266250	49.609	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	325391	52.045	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	40241	50.649	ug/l	97
82) 4-Chlorotoluene	11.451	91	312748	51.616	ug/l	100
83) tert-Butylbenzene	11.713	119	327397	52.833	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	326413	52.440	ug/l	99
85) sec-Butylbenzene	11.890	105	399542	52.623	ug/l	100
86) p-Isopropyltoluene	12.006	119	333695	54.107	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	169834	51.438	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	168265	49.987	ug/l	97
89) n-Butylbenzene	12.329	91	301456	55.440	ug/l	99
90) Hexachloroethane	12.536	117	59433	56.673	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	168498	50.569	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	26916	51.624	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	102903	52.383	ug/l	97
94) Hexachlorobutadiene	13.725	225	42001	54.099	ug/l	96
95) Naphthalene	13.774	128	371814	52.580	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	103759	52.185	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044052.D
Acq On : 02 Dec 2024 09:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:12:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

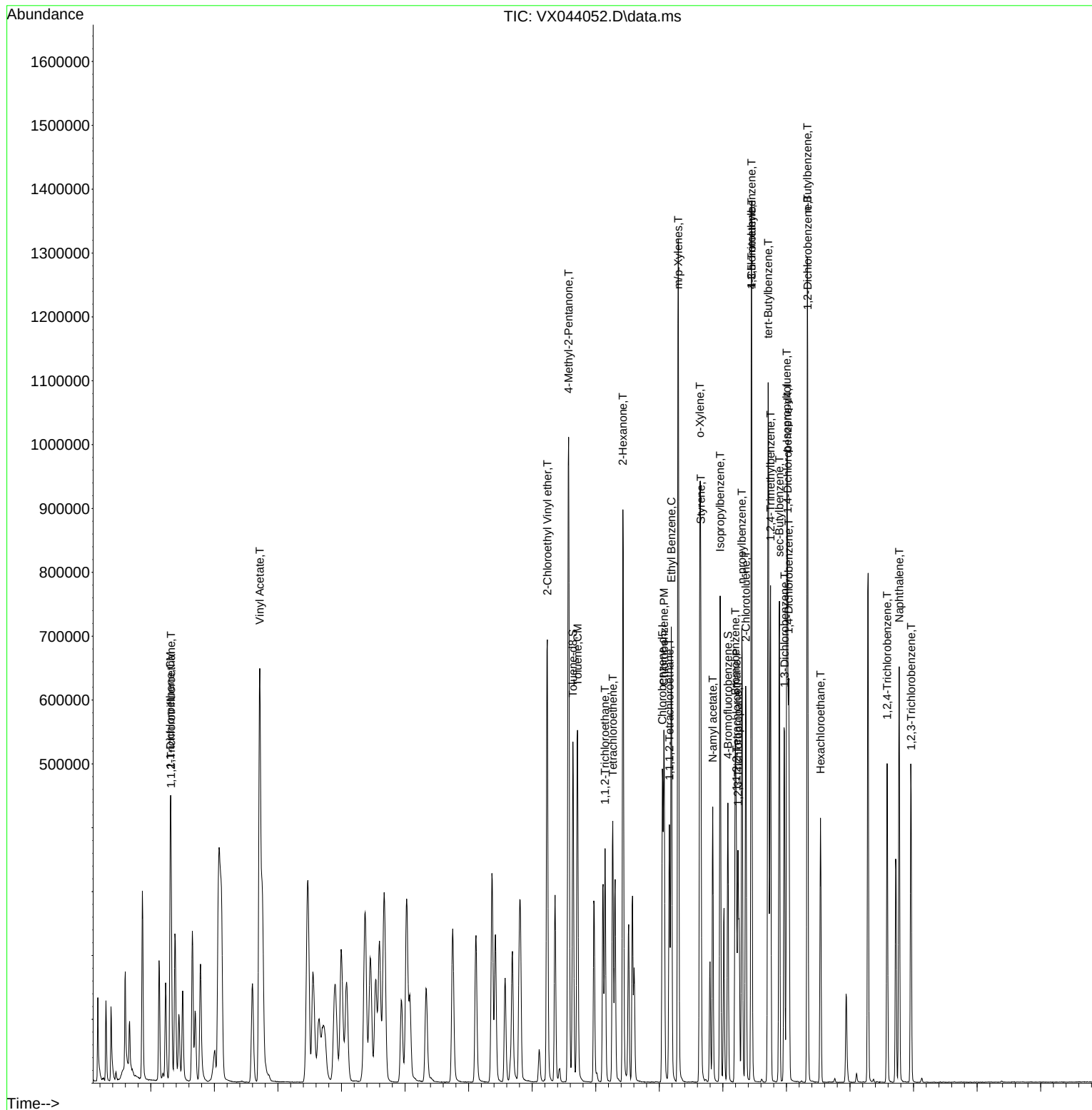
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044052.D
Acq On : 02 Dec 2024 09:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/03/2024
Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:12:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	0.633	0.618	2.4	91	0.00
3 P	Chloromethane	0.667	0.595	10.8	86	0.00
4 C	Vinyl Chloride	0.709	0.647	8.7#	86	0.00
5 T	Bromomethane	0.436	0.438	-0.5	99	0.00
6 T	Chloroethane	0.432	0.399	7.6	88	0.00
7 T	Trichlorofluoromethane	1.268	1.256	0.9	94	0.00
8 T	Diethyl Ether	0.462	0.442	4.3	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.605	0.636	-5.1	98	0.00
10 T	Methyl Iodide	0.755	0.771	-2.1	96	0.00
11 T	Tert butyl alcohol	0.138	0.118	14.5	82	0.01
12 CM	1,1-Dichloroethene	0.576	0.572	0.7#	96	0.00
13 T	Acrolein	0.145	0.158	-9.0	110	0.00
14 T	Allyl chloride	0.941	0.991	-5.3	96	0.00
15 T	Acrylonitrile	0.335	0.325	3.0	89	0.00
16 T	Acetone	0.394	0.386	2.0	92	0.00
17 T	Carbon Disulfide	1.188	1.204	-1.3	95	0.00
18 T	Methyl Acetate	0.917	0.909	0.9	93	0.00
19 T	Methyl tert-butyl Ether	2.092	2.203	-5.3	98	0.00
20 T	Methylene Chloride	0.668	0.636	4.8	96	0.00
21 T	trans-1,2-Dichloroethene	0.595	0.580	2.5	93	0.00
22 T	Diisopropyl ether	2.013	2.143	-6.5	100	0.00
23 T	Vinyl Acetate	1.722	1.815	-5.4	94	0.00
24 P	1,1-Dichloroethane	1.161	1.200	-3.4	97	0.00
25 T	2-Butanone	0.508	0.487	4.1	87	0.00
26 T	2,2-Dichloropropane	1.049	1.138	-8.5	101	0.00
27 T	cis-1,2-Dichloroethene	0.735	0.730	0.7	93	0.00
28 T	Bromochloromethane	0.511	0.498	2.5	112	0.00
29 T	Tetrahydrofuran	0.312	0.285	8.7	85	0.00
30 C	Chloroform	1.249	1.281	-2.6#	98	0.00
31 T	Cyclohexane	0.956	0.931	2.6	90	0.00
32 T	1,1,1-Trichloroethane	1.077	1.162	-7.9	99	0.00
33 S	1,2-Dichloroethane-d4	0.858	0.890	-3.7	120	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.357	0.379	-6.2	116	0.00
36 T	1,1-Dichloropropene	0.445	0.469	-5.4	95	0.00
37 T	Ethyl Acetate	0.553	0.526	4.9	86	0.00
38 T	Carbon Tetrachloride	0.500	0.560	-12.0	101	0.00
39 T	Methylcyclohexane	0.578	0.602	-4.2	92	0.00
40 TM	Benzene	1.387	1.412	-1.8	95	0.00
41 T	Methacrylonitrile	0.283	0.298	-5.3	91	0.00
42 TM	1,2-Dichloroethane	0.557	0.580	-4.1	96	0.00
43 T	Isopropyl Acetate	0.880	0.907	-3.1	93	0.00
44 TM	Trichloroethene	0.393	0.353	10.2	95	0.00
45 C	1,2-Dichloropropane	0.340	0.356	-4.7#	96	0.00
46 T	Dibromomethane	0.269	0.282	-4.8	97	0.00
47 T	Bromodichloromethane	0.482	0.561	-16.4	103	0.00
48 T	Methyl methacrylate	0.422	0.422	0.0	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.007	12.5	86	0.00
50 S	Toluene-d8	1.232	1.268	-2.9	115	0.00
51 T	4-Methyl-2-Pentanone	0.537	0.535	0.4	88	0.00
52 CM	Toluene	0.830	0.852	-2.7#	93	0.00
53 T	t-1,3-Dichloropropene	0.491	0.551	-12.2	97	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.588	-9.1	96	0.00
55 T	1,1,2-Trichloroethane	0.343	0.351	-2.3	95	0.00
56 T	Ethyl methacrylate	0.534	0.554	-3.7	90	0.00
57 T	1,3-Dichloropropane	0.577	0.596	-3.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.273	0.230	15.8	75	0.00
59 T	2-Hexanone	0.403	0.411	-2.0	88	0.00
60 T	Dibromochloromethane	0.344	0.402	-16.9	102	0.00
61 T	1,2-Dibromoethane	0.346	0.360	-4.0	94	0.00
62 S	4-Bromofluorobenzene	0.419	0.442	-5.5	114	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.330	0.340	-3.0	94	0.00
65 PM	Chlorobenzene	1.098	1.117	-1.7	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.409	-14.9	100	0.00
67 C	Ethyl Benzene	1.861	1.956	-5.1#	93	0.00
68 T	m/p-Xylenes	0.694	0.726	-4.6	92	0.00
69 T	o-Xylene	0.678	0.704	-3.8	90	0.00
70 T	Styrene	1.121	1.209	-7.9	92	0.00
71 P	Bromoform	0.240	0.296	-23.3	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.843	3.944	-2.6	95	0.00
74 T	N-amyl acetate	1.780	1.816	-2.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.316	1.283	2.5	91	0.00
76 T	1,2,3-Trichloropropane	1.096	1.093	0.3	91	0.00
77 T	Bromobenzene	0.917	0.926	-1.0	94	0.00
78 T	n-propylbenzene	4.293	4.440	-3.4	92	0.00
79 T	2-Chlorotoluene	2.714	2.693	0.8	93	0.00
80 T	1,3,5-Trimethylbenzene	3.162	3.291	-4.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.402	0.407	-1.2	91	0.00
82 T	4-Chlorotoluene	3.064	3.164	-3.3	94	0.00
83 T	tert-Butylbenzene	3.134	3.312	-5.7	95	0.00
84 T	1,2,4-Trimethylbenzene	3.148	3.302	-4.9	95	0.00
85 T	sec-Butylbenzene	3.840	4.041	-5.2	94	0.00
86 T	p-Isopropyltoluene	3.119	3.375	-8.2	94	0.00
87 T	1,3-Dichlorobenzene	1.670	1.718	-2.9	96	0.00
88 T	1,4-Dichlorobenzene	1.702	1.702	0.0	94	0.00
89 T	n-Butylbenzene	2.750	3.049	-10.9	94	0.00
90 T	Hexachloroethane	0.530	0.601	-13.4	101	0.00
91 T	1,2-Dichlorobenzene	1.685	1.704	-1.1	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.264	0.272	-3.0	95	0.00
93 T	1,2,4-Trichlorobenzene	0.994	1.041	-4.7	95	0.00
94 T	Hexachlorobutadiene	0.393	0.425	-8.1	102	0.00
95 T	Naphthalene	3.576	3.761	-5.2	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044052.D
Acq On : 02 Dec 2024 09:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 03 00:12:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	1.050	-4.4	93	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	50.000	48.760	2.5	91	0.00
3 P	Chloromethane	50.000	44.661	10.7	86	0.00
4 C	Vinyl Chloride	50.000	45.609	8.8#	86	0.00
5 T	Bromomethane	50.000	50.250	-0.5	99	0.00
6 T	Chloroethane	50.000	46.164	7.7	88	0.00
7 T	Trichlorofluoromethane	50.000	49.537	0.9	94	0.00
8 T	Diethyl Ether	50.000	47.867	4.3	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.586	-5.2	98	0.00
10 T	Methyl Iodide	50.000	51.022	-2.0	96	0.00
11 T	Tert butyl alcohol	250.000	214.160	14.3	82	0.01
12 CM	1,1-Dichloroethene	50.000	49.599	0.8#	96	0.00
13 T	Acrolein	250.000	271.581	-8.6	110	0.00
14 T	Allyl chloride	50.000	52.611	-5.2	96	0.00
15 T	Acrylonitrile	250.000	242.374	3.1	89	0.00
16 T	Acetone	250.000	245.245	1.9	92	0.00
17 T	Carbon Disulfide	50.000	50.639	-1.3	95	0.00
18 T	Methyl Acetate	50.000	49.569	0.9	93	0.00
19 T	Methyl tert-butyl Ether	50.000	52.651	-5.3	98	0.00
20 T	Methylene Chloride	50.000	47.611	4.8	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.792	2.4	93	0.00
22 T	Diisopropyl ether	50.000	53.226	-6.5	100	0.00
23 T	Vinyl Acetate	250.000	263.452	-5.4	94	0.00
24 P	1,1-Dichloroethane	50.000	51.678	-3.4	97	0.00
25 T	2-Butanone	250.000	239.586	4.2	87	0.00
26 T	2,2-Dichloropropane	50.000	54.235	-8.5	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.670	0.7	93	0.00
28 T	Bromochloromethane	50.000	48.669	2.7	112	0.00
29 T	Tetrahydrofuran	250.000	228.630	8.5	85	0.00
30 C	Chloroform	50.000	51.284	-2.6#	98	0.00
31 T	Cyclohexane	50.000	48.704	2.6	90	0.00
32 T	1,1,1-Trichloroethane	50.000	53.951	-7.9	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.887	-3.8	120	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	53.034	-6.1	116	0.00
36 T	1,1-Dichloropropene	50.000	52.618	-5.2	95	0.00
37 T	Ethyl Acetate	50.000	47.553	4.9	86	0.00
38 T	Carbon Tetrachloride	50.000	55.961	-11.9	101	0.00
39 T	Methylcyclohexane	50.000	52.020	-4.0	92	0.00
40 TM	Benzene	50.000	50.910	-1.8	95	0.00
41 T	Methacrylonitrile	50.000	52.704	-5.4	91	0.00
42 TM	1,2-Dichloroethane	50.000	52.094	-4.2	96	0.00
43 T	Isopropyl Acetate	50.000	51.584	-3.2	93	0.00
44 TM	Trichloroethene	50.000	44.927	10.1	95	0.00
45 C	1,2-Dichloropropane	50.000	52.369	-4.7#	96	0.00
46 T	Dibromomethane	50.000	52.494	-5.0	97	0.00
47 T	Bromodichloromethane	50.000	58.229	-16.5	103	0.00
48 T	Methyl methacrylate	50.000	49.940	0.1	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	930.205	7.0	86	0.00
50 S	Toluene-d8	50.000	51.465	-2.9	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.255	0.3	88	0.00
52 CM	Toluene	50.000	51.308	-2.6#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	56.098	-12.2	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.580	-9.2	96	0.00
55 T	1,1,2-Trichloroethane	50.000	51.196	-2.4	95	0.00
56 T	Ethyl methacrylate	50.000	51.920	-3.8	90	0.00
57 T	1,3-Dichloropropane	50.000	51.664	-3.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	196.017	21.6	75	0.00
59 T	2-Hexanone	250.000	254.978	-2.0	88	0.00
60 T	Dibromochloromethane	50.000	58.500	-17.0	102	0.00
61 T	1,2-Dibromoethane	50.000	51.899	-3.8	94	0.00
62 S	4-Bromofluorobenzene	50.000	52.721	-5.4	114	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	51.572	-3.1	94	0.00
65 PM	Chlorobenzene	50.000	50.853	-1.7	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.425	-14.8	100	0.00
67 C	Ethyl Benzene	50.000	52.562	-5.1#	93	0.00
68 T	m/p-Xylenes	100.000	104.612	-4.6	92	0.00
69 T	o-Xylene	50.000	51.921	-3.8	90	0.00
70 T	Styrene	50.000	53.942	-7.9	92	0.00
71 P	Bromoform	50.000	54.373	-8.7	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	51.313	-2.6	95	0.00
74 T	N-amyl acetate	50.000	51.002	-2.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.753	2.5	91	0.00
76 T	1,2,3-Trichloropropane	50.000	49.837	0.3	91	0.00
77 T	Bromobenzene	50.000	50.488	-1.0	94	0.00
78 T	n-propylbenzene	50.000	51.714	-3.4	92	0.00
79 T	2-Chlorotoluene	50.000	49.609	0.8	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.045	-4.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.649	-1.3	91	0.00
82 T	4-Chlorotoluene	50.000	51.616	-3.2	94	0.00
83 T	tert-Butylbenzene	50.000	52.833	-5.7	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.440	-4.9	95	0.00
85 T	sec-Butylbenzene	50.000	52.623	-5.2	94	0.00
86 T	p-Isopropyltoluene	50.000	54.107	-8.2	94	0.00
87 T	1,3-Dichlorobenzene	50.000	51.438	-2.9	96	0.00
88 T	1,4-Dichlorobenzene	50.000	49.987	0.0	94	0.00
89 T	n-Butylbenzene	50.000	55.440	-10.9	94	0.00
90 T	Hexachloroethane	50.000	56.673	-13.3	101	0.00
91 T	1,2-Dichlorobenzene	50.000	50.569	-1.1	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.624	-3.2	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.383	-4.8	95	0.00
94 T	Hexachlorobutadiene	50.000	54.099	-8.2	102	0.00
95 T	Naphthalene	50.000	52.580	-5.2	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044052.D
Acq On : 02 Dec 2024 09:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 03 00:12:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.185	-4.4	93	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6



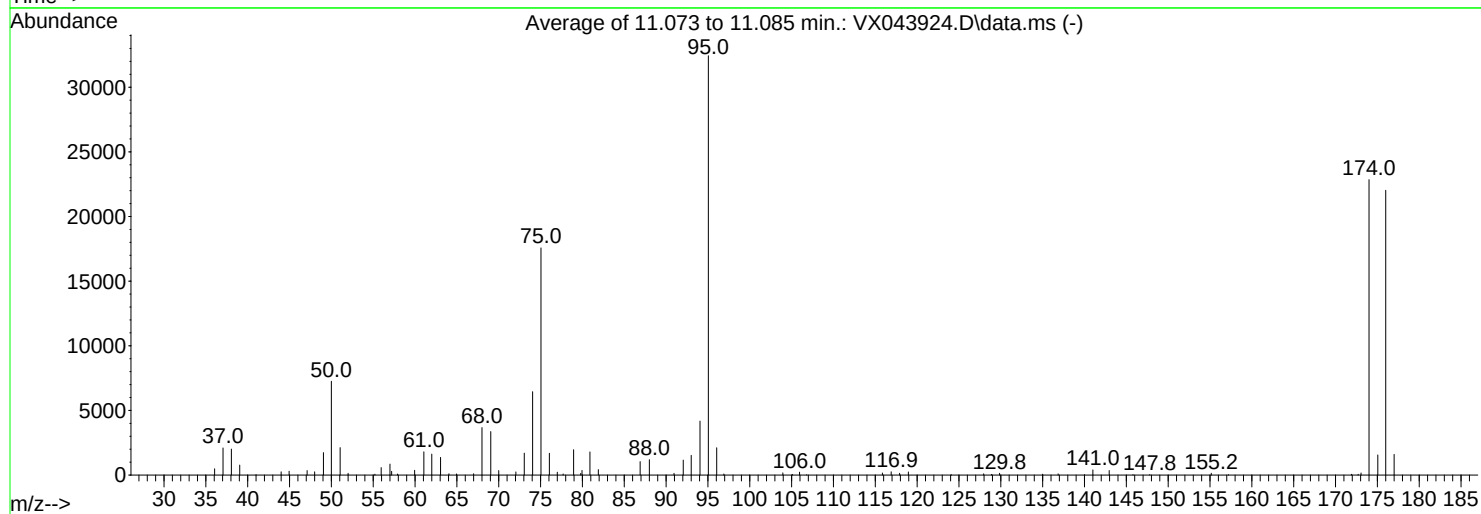
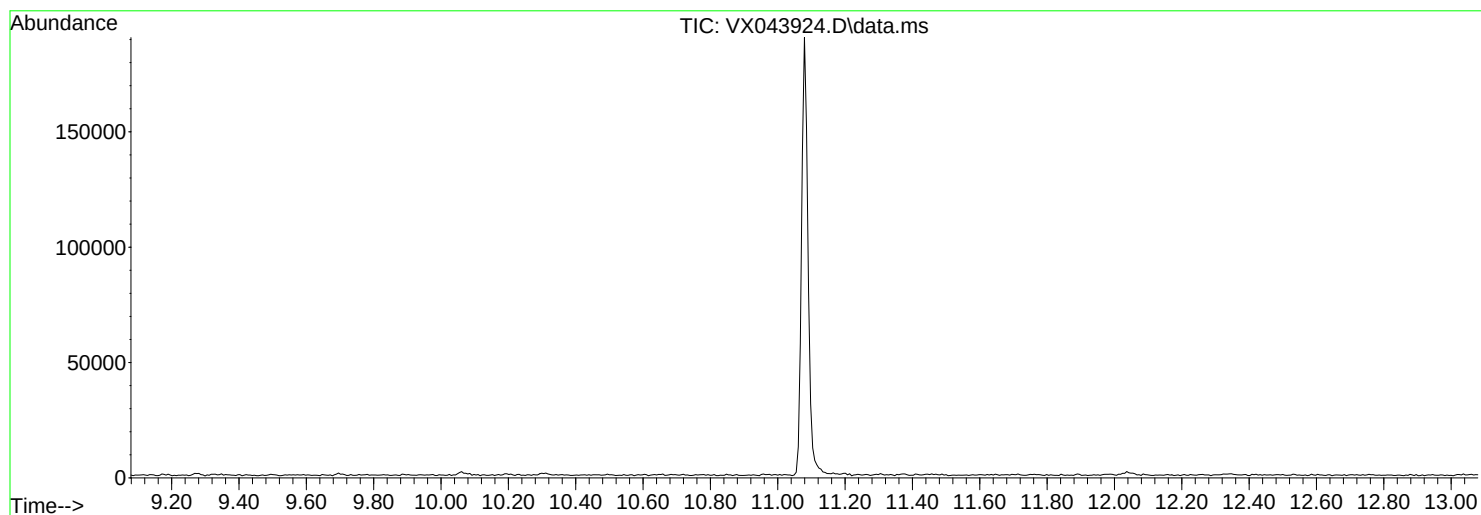
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043924.D
Acq On : 21 Nov 2024 08:51
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Title : SW846 8260
Last Update : Fri Nov 22 00:18:05 2024



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

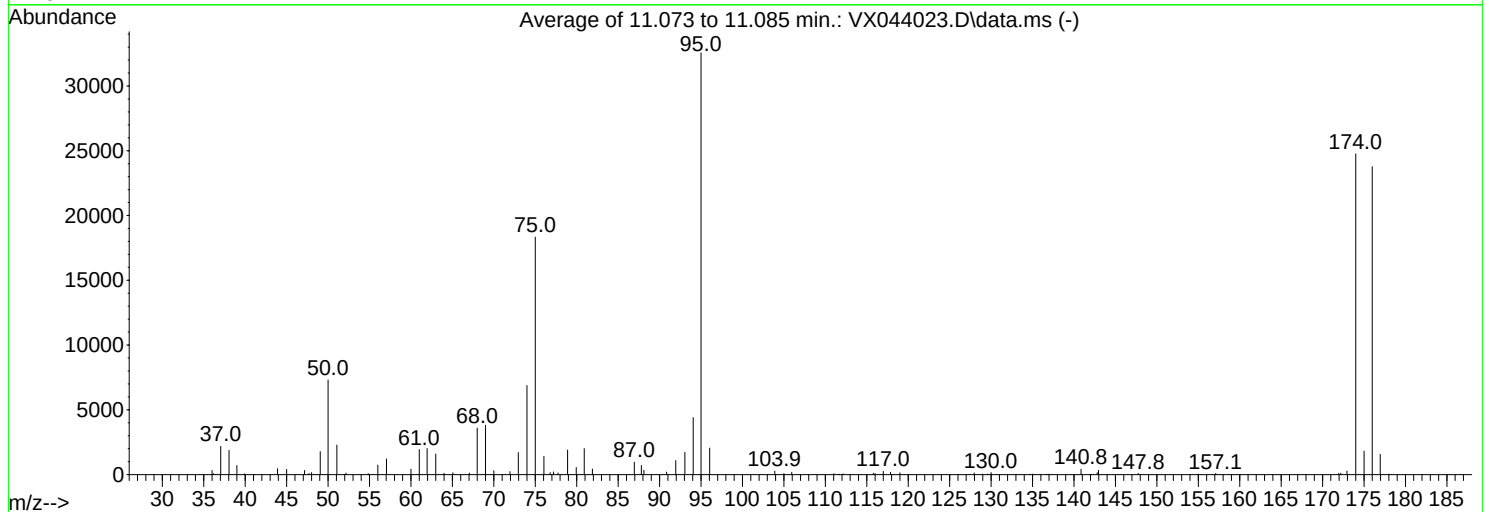
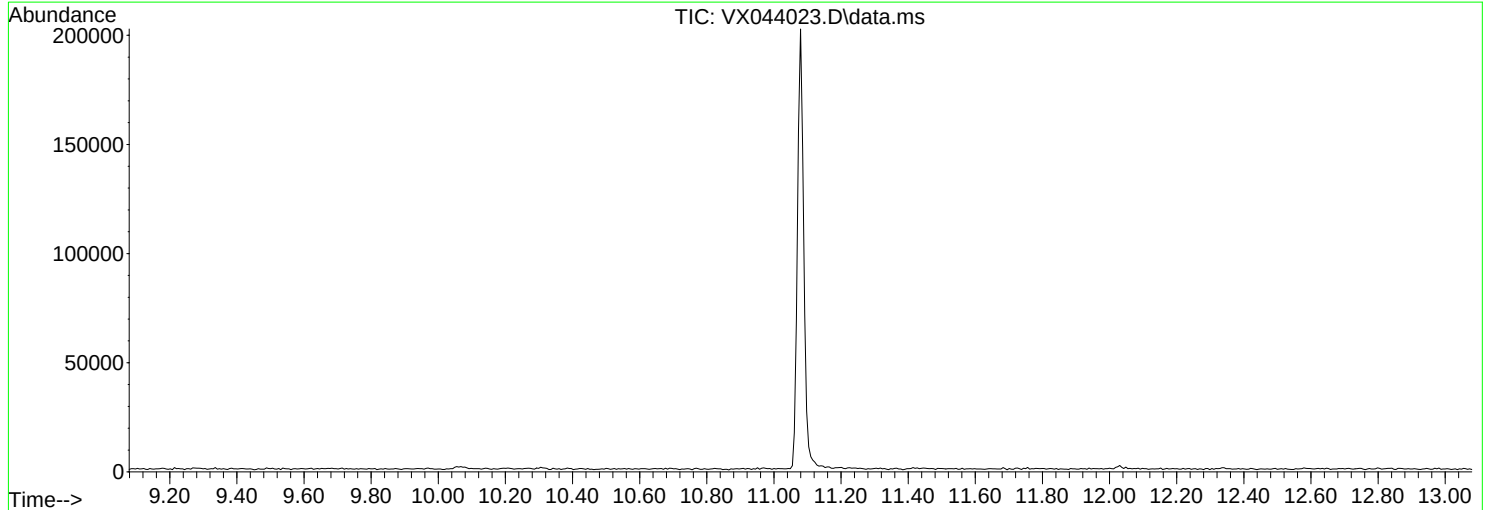
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.4	7254	PASS
75	95	30	60	54.2	17573	PASS
95	95	100	100	100.0	32437	PASS
96	95	5	9	6.5	2112	PASS
173	174	0.00	2	0.7	162	PASS
174	95	50	100	70.5	22853	PASS
175	174	5	9	6.8	1557	PASS
176	174	95	101	96.4	22030	PASS
177	176	5	9	7.3	1600	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044023.D
Acq On : 27 Nov 2024 07:52
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Title : SW846 8260
Last Update : Fri Nov 22 03:45:52 2024



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

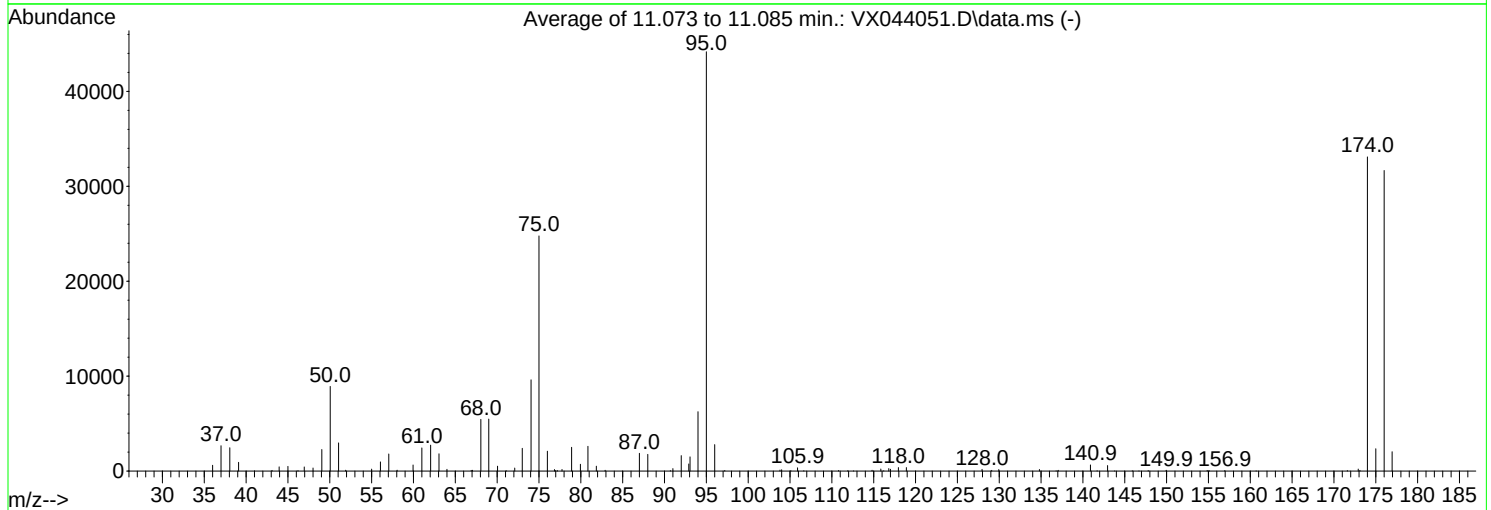
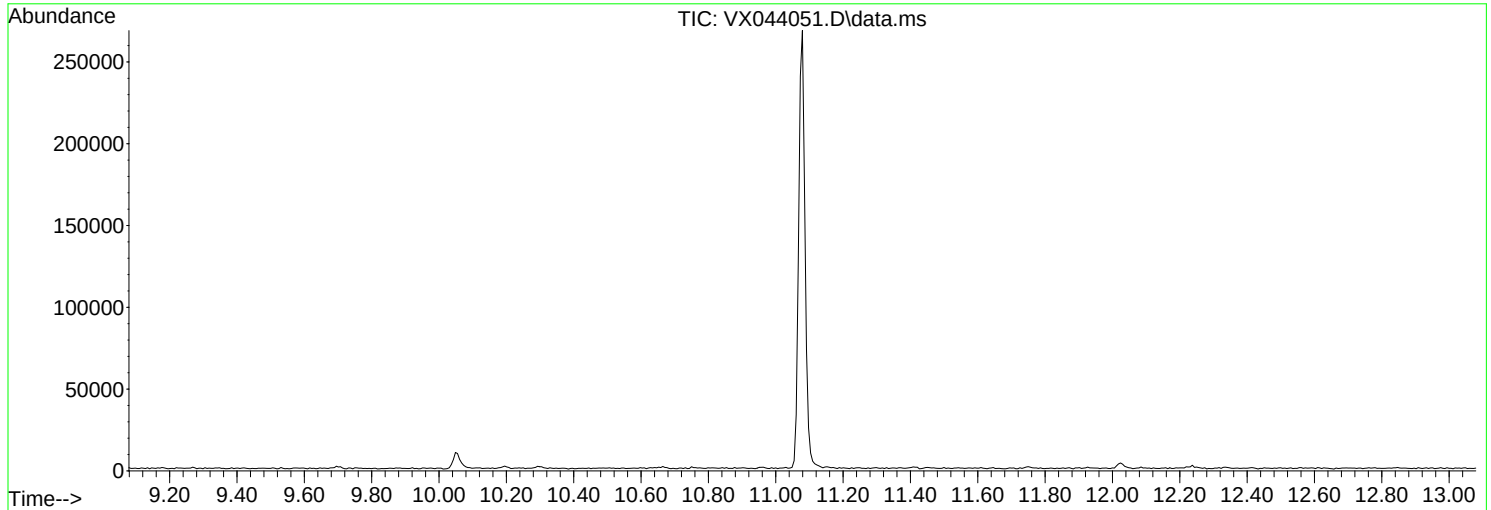
Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	22.5	7314	PASS
75	95	30	60	56.3	18335	PASS
95	95	100	100	100.0	32555	PASS
96	95	5	9	6.3	2051	PASS
173	174	0.00	2	1.1	266	PASS
174	95	50	100	76.1	24760	PASS
175	174	5	9	7.3	1810	PASS
176	174	95	101	96.0	23773	PASS
177	176	5	9	6.6	1572	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044051.D
Acq On : 02 Dec 2024 08:35
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Title : SW846 8260
Last Update : Fri Nov 22 03:45:52 2024



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.2	8923	PASS
75	95	30	60	56.1	24773	PASS
95	95	100	100	100.0	44176	PASS
96	95	5	9	6.3	2787	PASS
173	174	0.00	2	0.6	215	PASS
174	95	50	100	74.9	33096	PASS
175	174	5	9	7.1	2350	PASS
176	174	95	101	95.7	31664	PASS
177	176	5	9	6.4	2039	PASS

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1127WBL01		SDG No.:	P5001
Lab Sample ID:	VX1127WBL01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044026.D	1		11/27/24 09:38	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX1127WBL01	SDG No.:	P5001
Lab Sample ID:	VX1127WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044026.D	1		11/27/24 09:38	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.8		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		70 (75) - 130 (124)	93%	SPK: 50
2037-26-5	Toluene-d8	48.9		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.2		70 (77) - 130 (121)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	126000	5.538			
540-36-3	1,4-Difluorobenzene	244000	6.751			
3114-55-4	Chlorobenzene-d5	213000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	92000	12.018			



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1127WBL01		SDG No.:	P5001
Lab Sample ID:	VX1127WBL01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044026.D	1		11/27/24 09:38	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044026.D
 Acq On : 27 Nov 2024 09:38
 Operator : JC/MD
 Sample : VX1127WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBL01

Quant Time: Nov 28 00:39:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.538	168	125569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	244455	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109431	50.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.620%
35) Dibromofluoromethane	5.379	113	81333	46.562	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.120%
50) Toluene-d8	8.647	98	294241	48.867	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	96700	47.189	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.380%

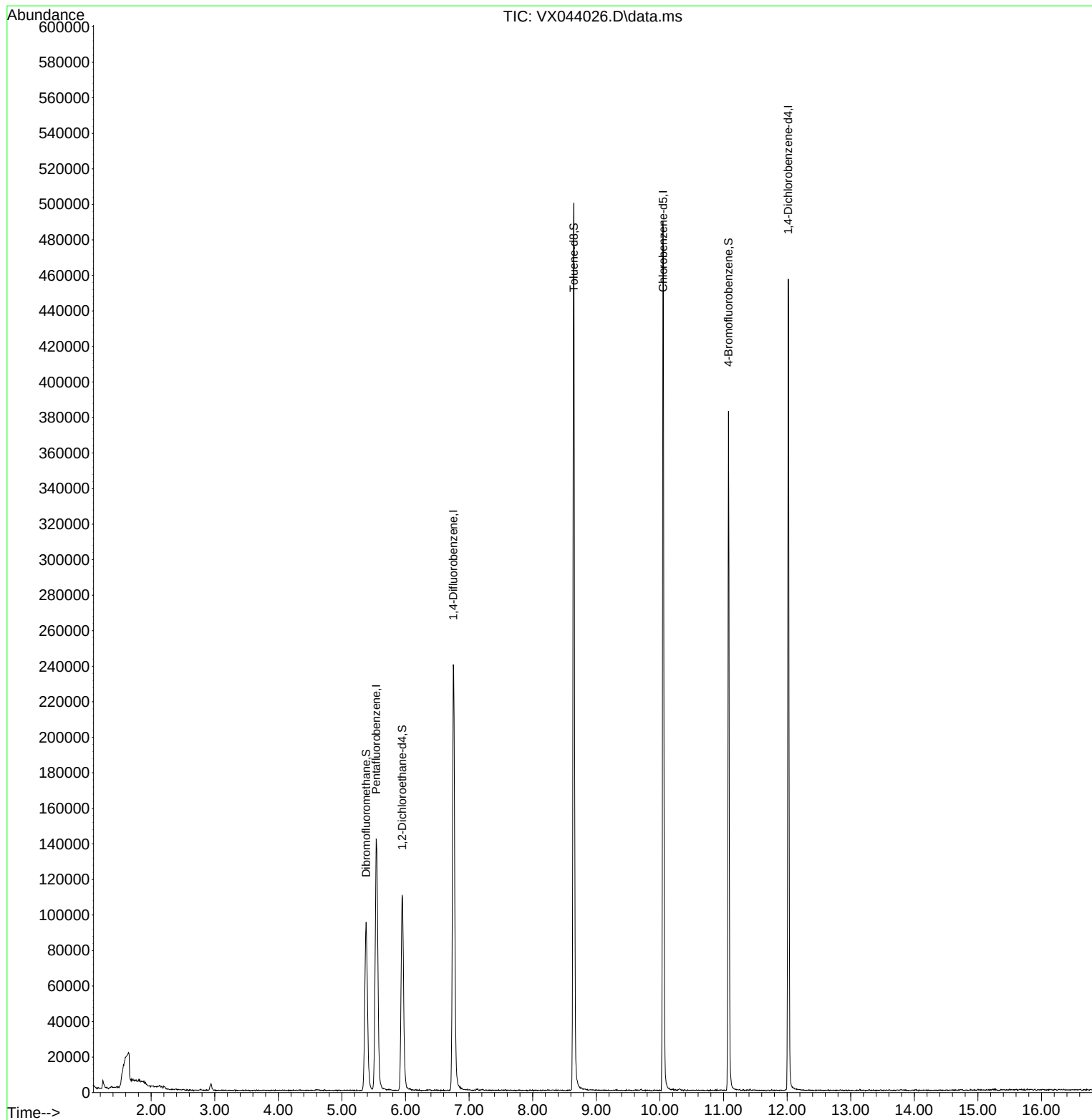
Target Compounds	Qvalue

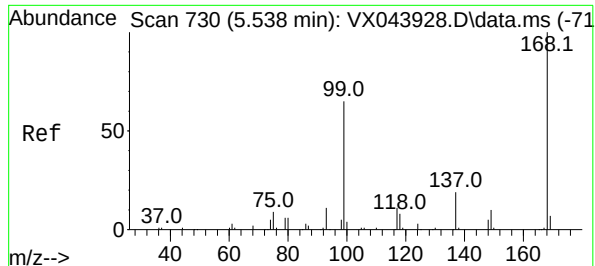
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044026.D
Acq On : 27 Nov 2024 09:38
Operator : JC/MD
Sample : VX1127WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBL01

Quant Time: Nov 28 00:39:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX044026.D

Acq: 27 Nov 2024 09:38

Instrument :

MSVOA_X

ClientSampleId :

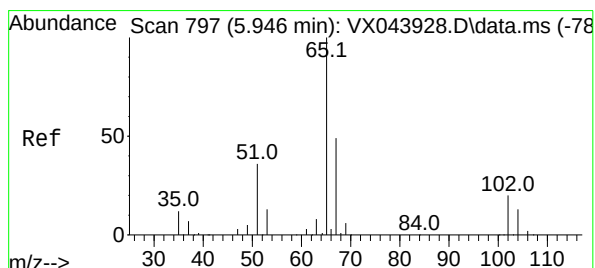
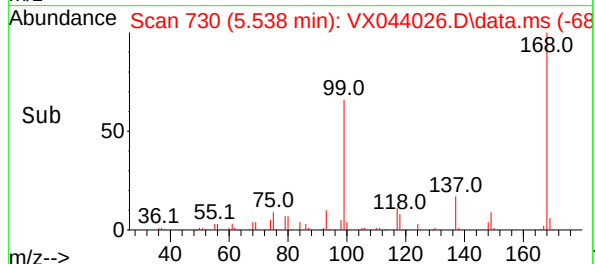
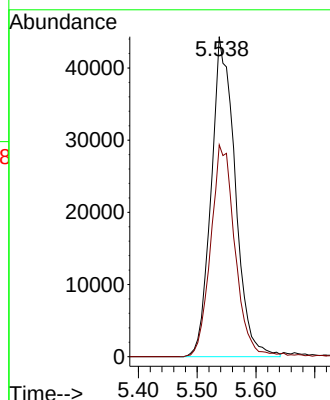
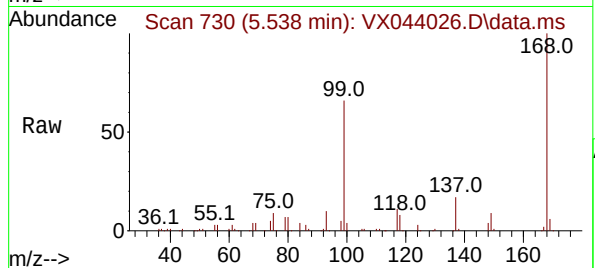
VX1127WBL01

Tgt Ion:168 Resp: 125569

Ion Ratio Lower Upper

168 100

99 66.2 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 50.810 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044026.D

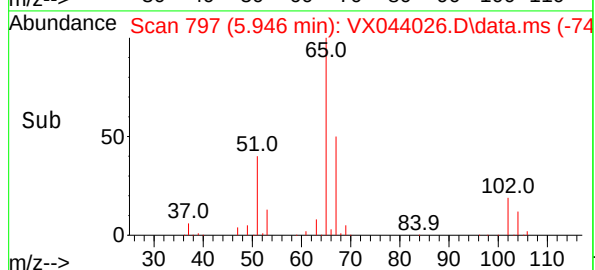
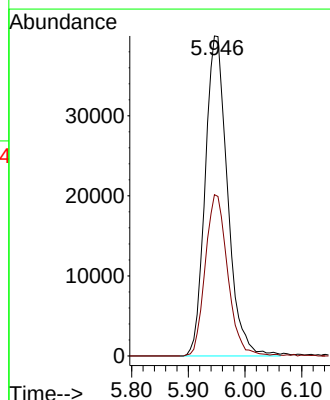
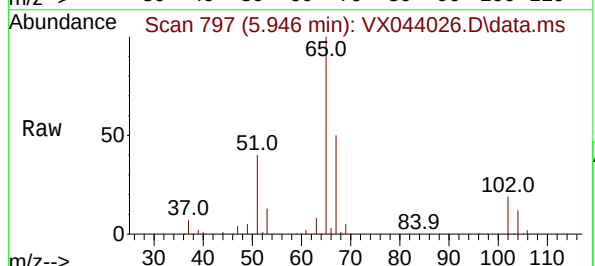
Acq: 27 Nov 2024 09:38

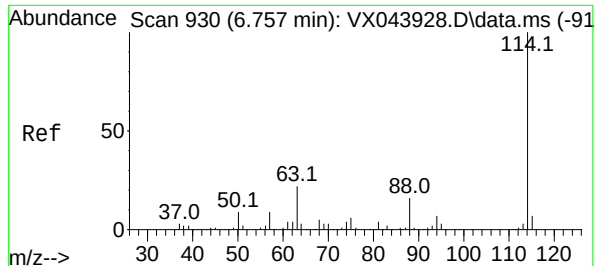
Tgt Ion: 65 Resp: 109431

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX044026.D

Acq: 27 Nov 2024 09:38

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBL01

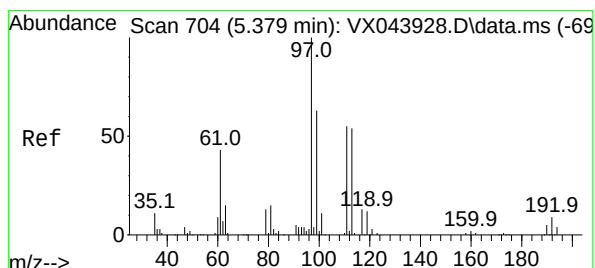
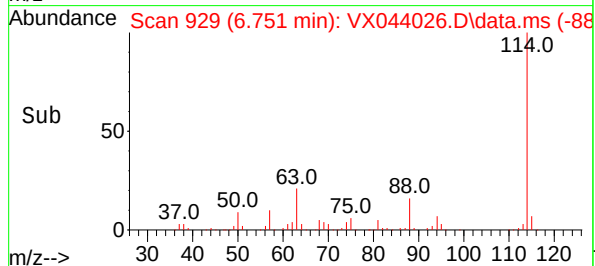
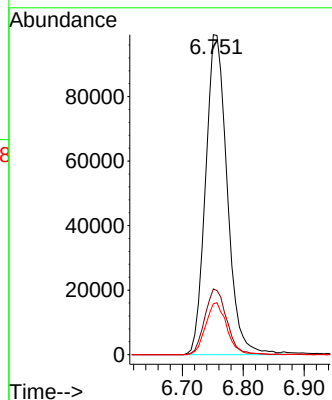
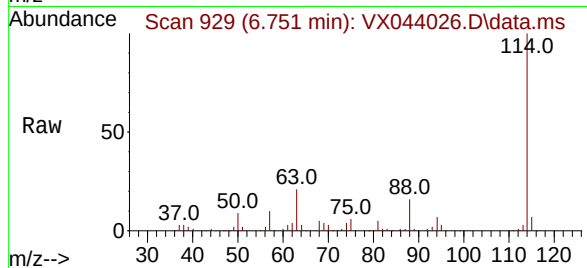
Tgt Ion:114 Resp: 244455

Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.0

88 15.9 0.0 32.4



#35

Dibromofluoromethane

Concen: 46.562 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044026.D

Acq: 27 Nov 2024 09:38

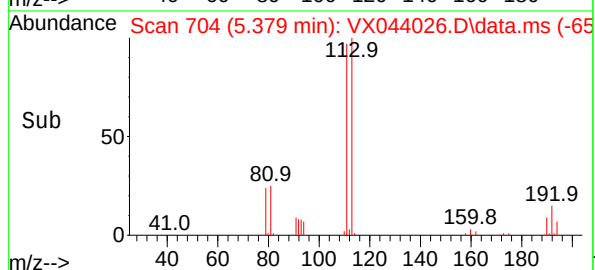
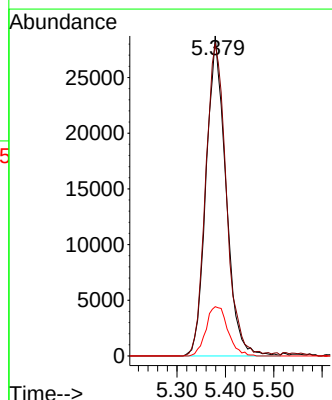
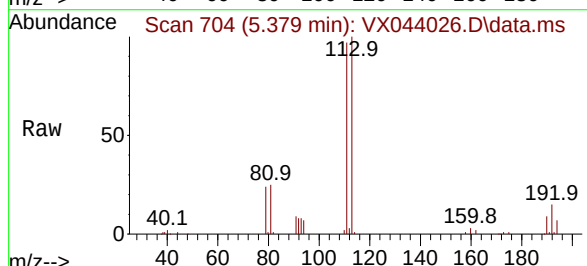
Tgt Ion:113 Resp: 81333

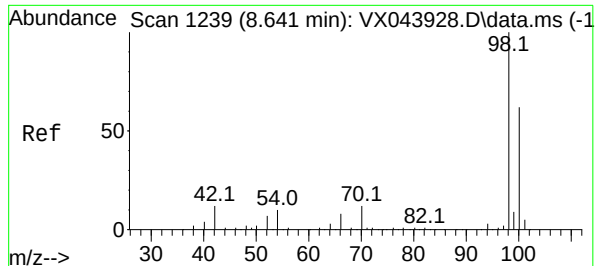
Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.4

192 17.1 13.0 19.6





#50

Toluene-d8

Concen: 48.867 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044026.D

Acq: 27 Nov 2024 09:38

Instrument :

MSVOA_X

ClientSampleId :

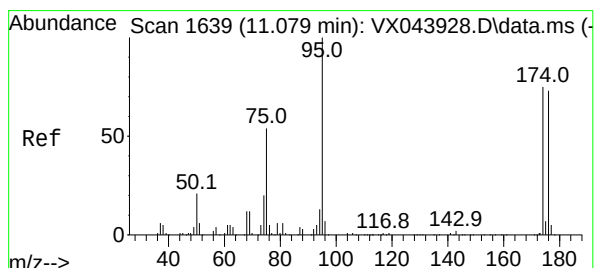
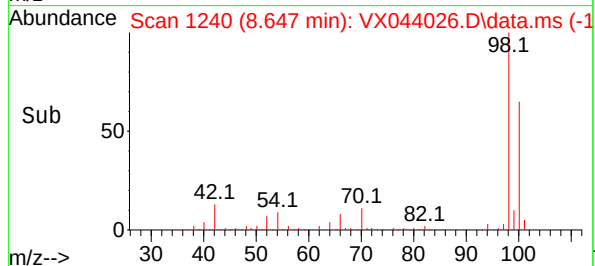
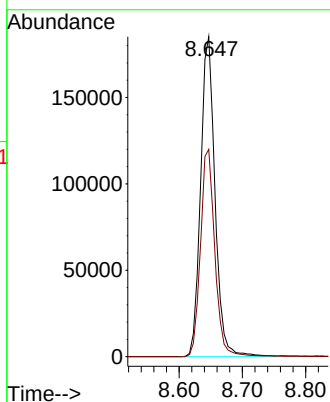
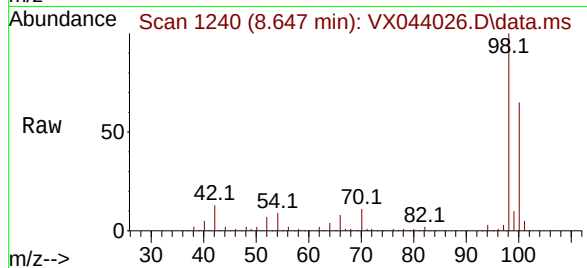
VX1127WBL01

Tgt Ion: 98 Resp: 294241

Ion Ratio Lower Upper

98 100

100 64.8 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 47.189 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044026.D

Acq: 27 Nov 2024 09:38

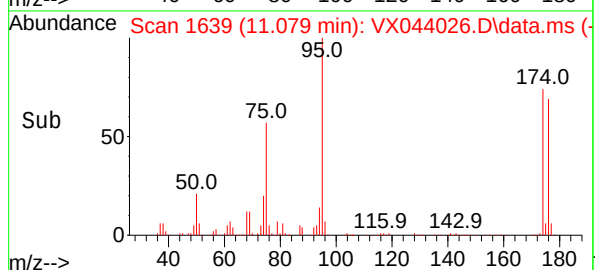
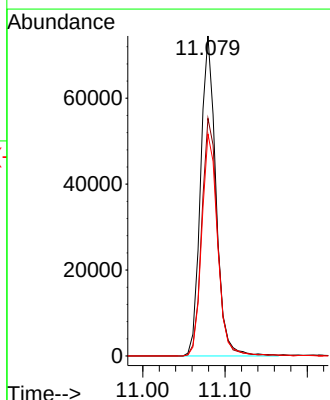
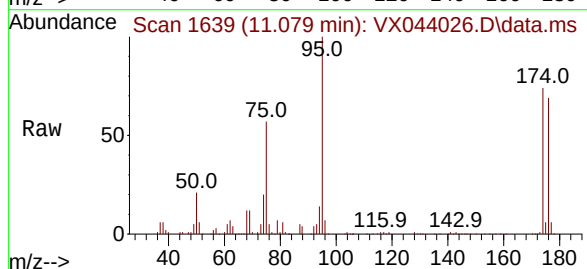
Tgt Ion: 95 Resp: 96700

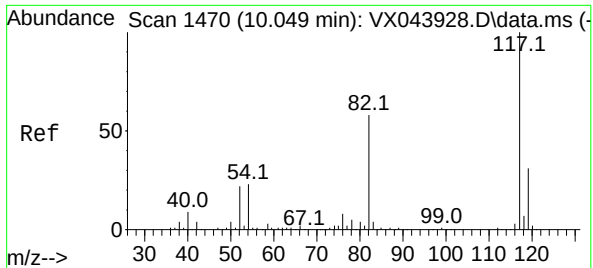
Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.4

176 71.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044026.D

Acq: 27 Nov 2024 09:38

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBL01

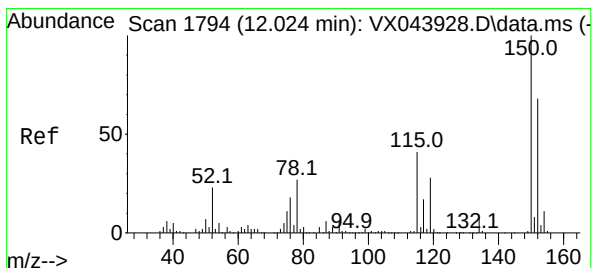
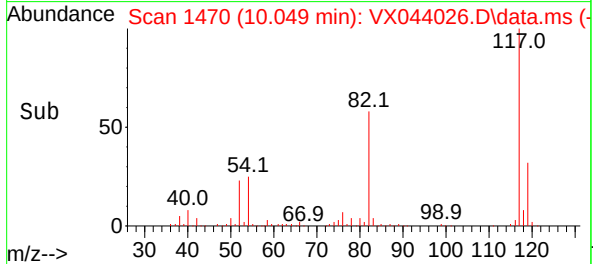
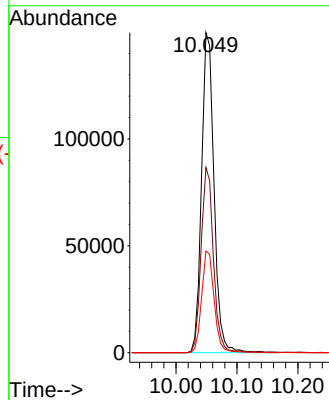
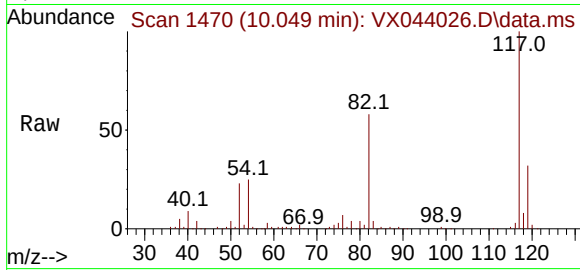
Tgt Ion:117 Resp: 212718

Ion Ratio Lower Upper

117 100

82 57.9 46.4 69.6

119 31.8 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044026.D

Acq: 27 Nov 2024 09:38

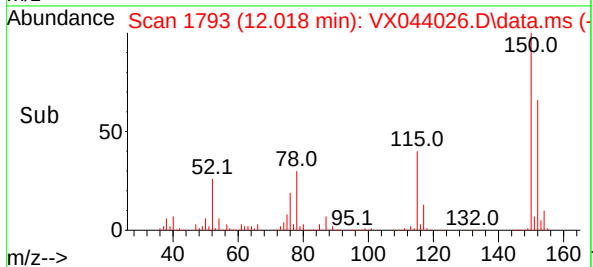
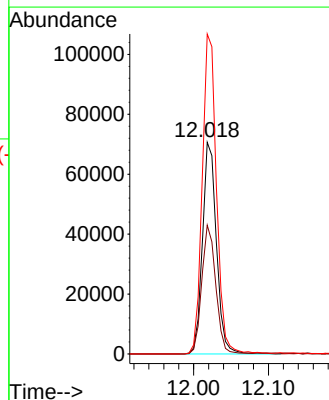
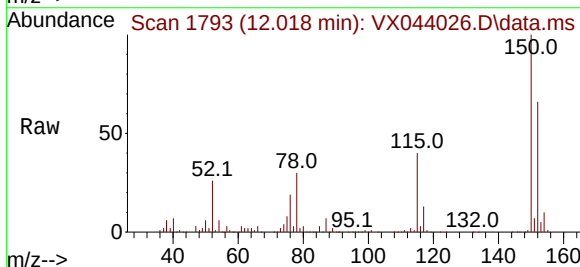
Tgt Ion:152 Resp: 92049

Ion Ratio Lower Upper

152 100

115 60.7 45.4 136.2

150 153.6 0.0 353.0



Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1202WBL01		SDG No.:	P5001
Lab Sample ID:	VX1202WBL01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044054.D	1		12/02/24 10:37	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	ENTACT			Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	
Client Sample ID:	VX1202WBL01			SDG No.:	P5001
Lab Sample ID:	VX1202WBL01			Matrix:	Water
Analytical Method:	SW8260			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044054.D	1		12/02/24 10:37	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.6		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	47.3		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	48.6		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		70 (77) - 130 (121)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	138000	5.544			
540-36-3	1,4-Difluorobenzene	263000	6.757			
3114-55-4	Chlorobenzene-d5	221000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	93300	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX1202WBL01	SDG No.:	P5001
Lab Sample ID:	VX1202WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044054.D	1		12/02/24 10:37	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044054.D
 Acq On : 02 Dec 2024 10:37
 Operator : JC/MD
 Sample : VX1202WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBL01

Quant Time: Dec 03 00:13:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	137622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	262897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	221008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117110	49.613	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.220%
35) Dibromofluoromethane	5.379	113	88908	47.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	8.647	98	314875	48.626	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	102573	46.544	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.080%

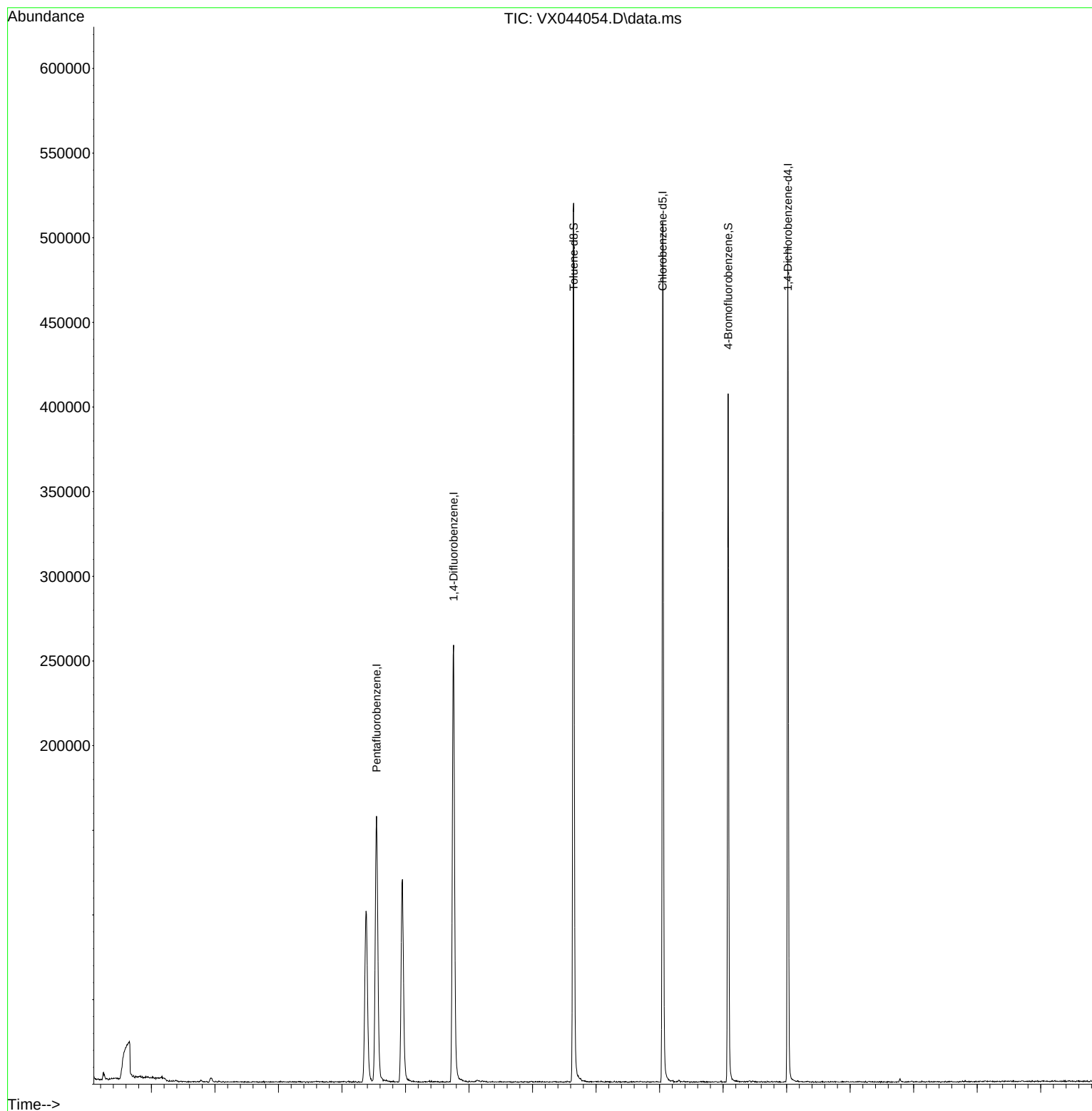
Target Compounds	Qvalue

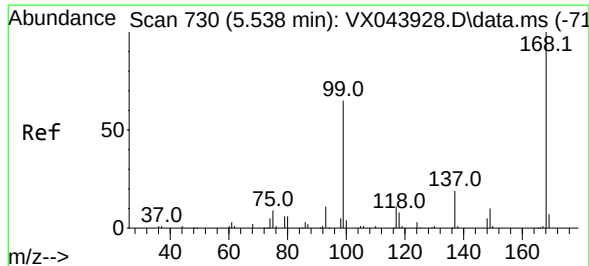
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044054.D
Acq On : 02 Dec 2024 10:37
Operator : JC/MD
Sample : VX1202WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL01

Quant Time: Dec 03 00:13:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

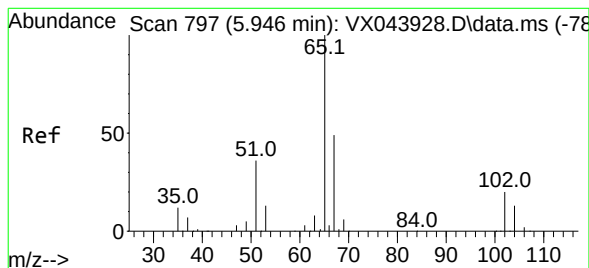
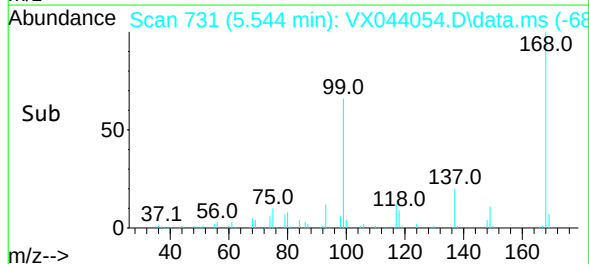
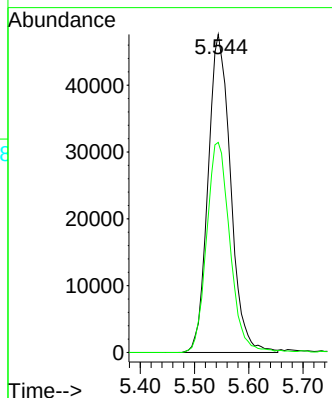
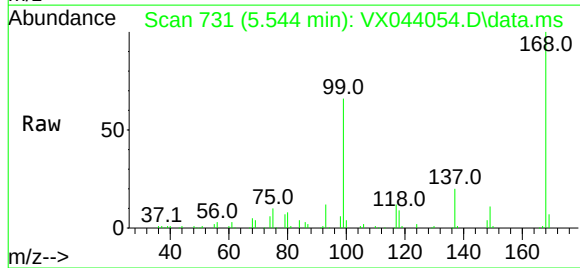




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044054.D
Acq: 02 Dec 2024 10:37

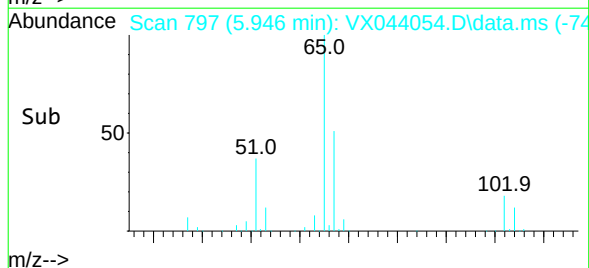
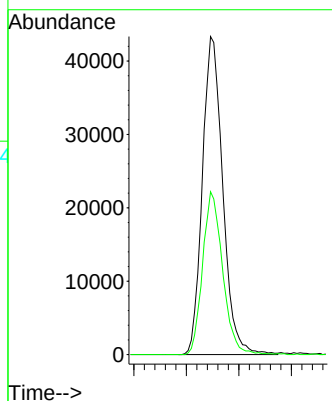
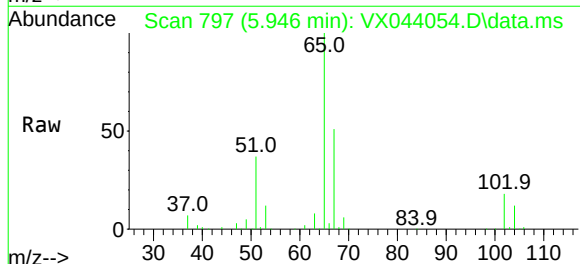
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL01

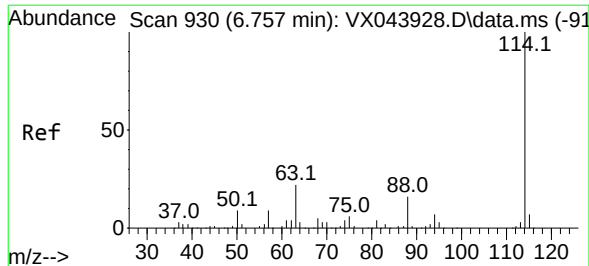
Tgt Ion:168 Resp: 137622
Ion Ratio Lower Upper
168 100
99 66.1 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 49.613 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044054.D
Acq: 02 Dec 2024 10:37

Tgt Ion: 65 Resp: 117110
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044054.D

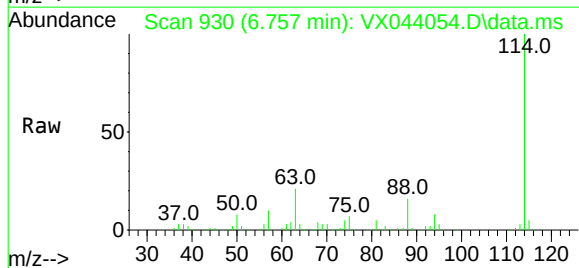
Acq: 02 Dec 2024 10:37

Instrument :

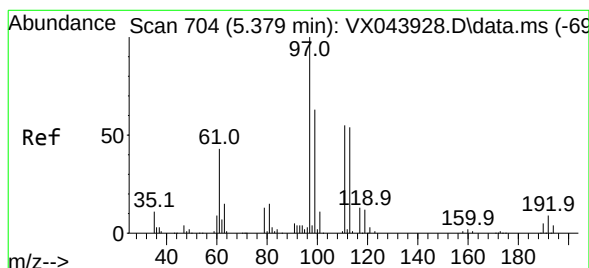
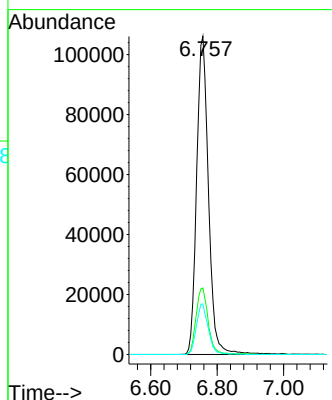
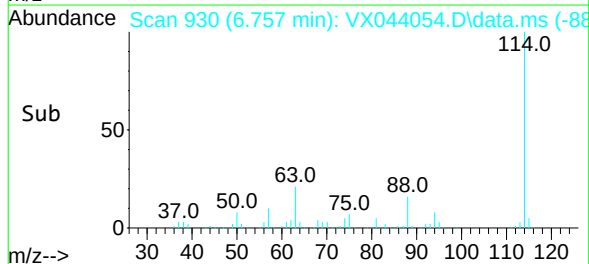
MSVOA_X

ClientSampleId :

VX1202WBL01



Tgt Ion:	114	Resp:	262897
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.0
88	15.9	0.0	32.4



#35

Dibromofluoromethane

Concen: 47.328 ug/l

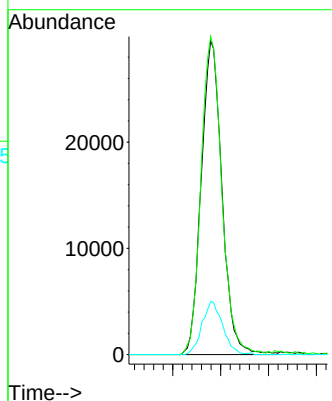
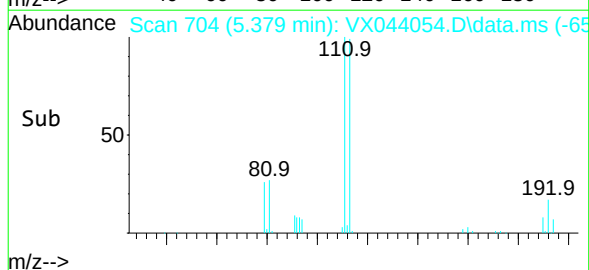
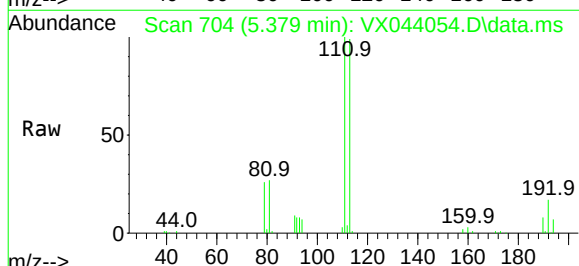
RT: 5.379 min Scan# 704

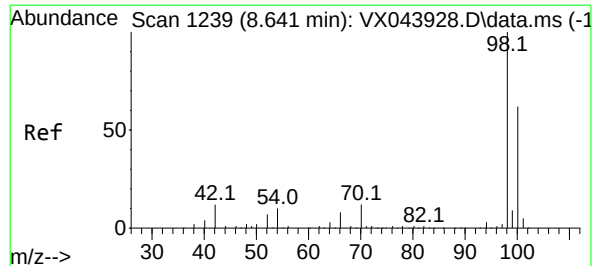
Delta R.T. -0.000 min

Lab File: VX044054.D

Acq: 02 Dec 2024 10:37

Tgt Ion:	113	Resp:	88908
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.0	121.4
192	16.8	13.0	19.6





#50

Toluene-d8

Concen: 48.626 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044054.D

Acq: 02 Dec 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

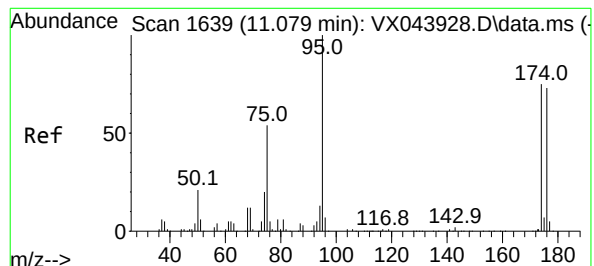
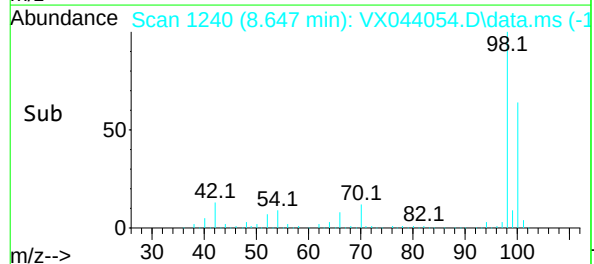
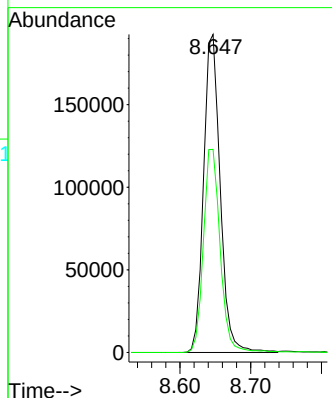
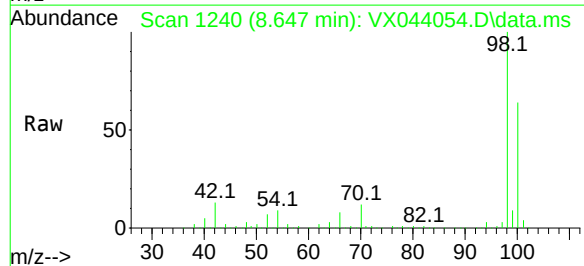
VX1202WBL01

Tgt Ion: 98 Resp: 314875

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 46.544 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044054.D

Acq: 02 Dec 2024 10:37

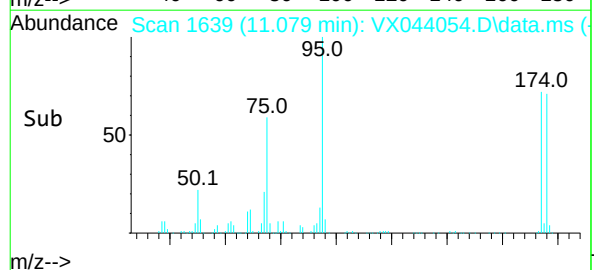
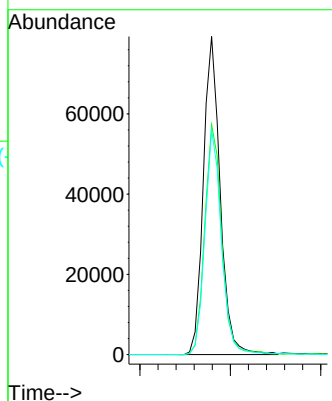
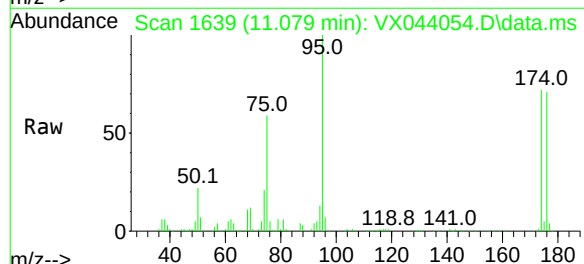
Tgt Ion: 95 Resp: 102573

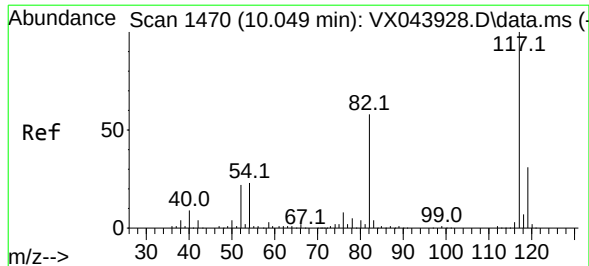
Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.4

176 70.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044054.D

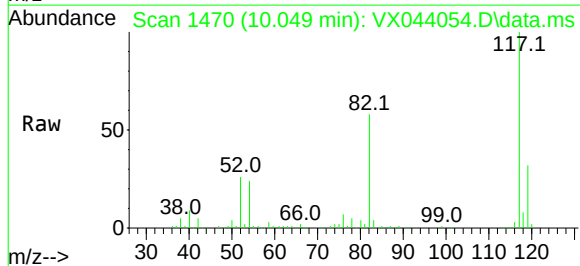
Acq: 02 Dec 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBL01



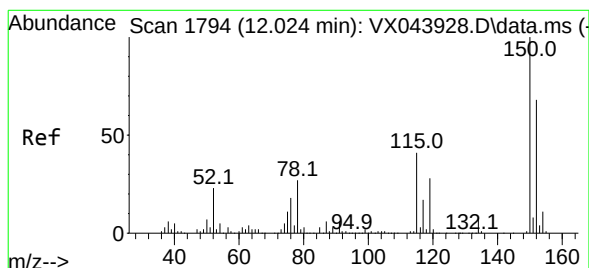
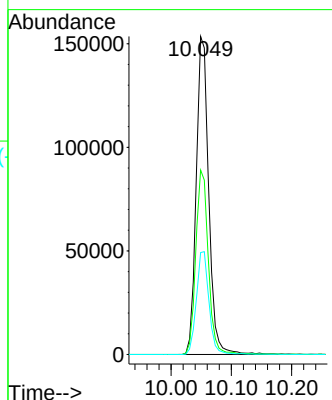
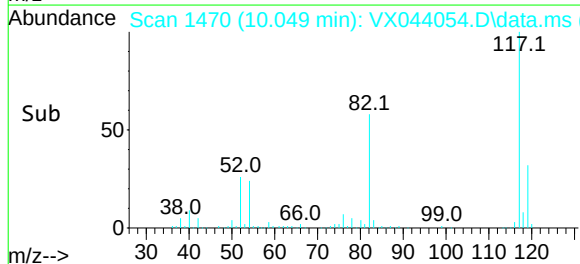
Tgt Ion:117 Resp: 221008

Ion Ratio Lower Upper

117 100

82 58.0 46.4 69.6

119 32.0 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044054.D

Acq: 02 Dec 2024 10:37

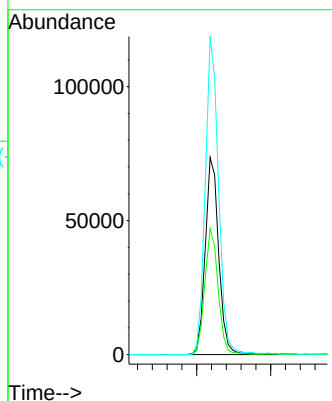
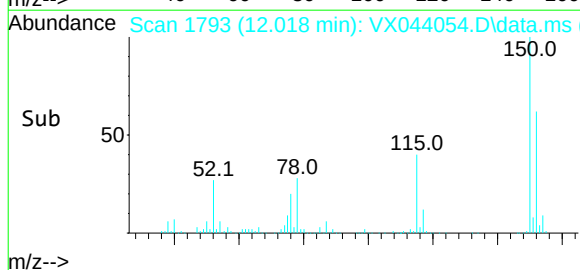
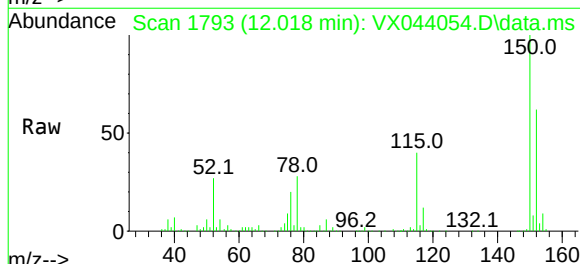
Tgt Ion:152 Resp: 93273

Ion Ratio Lower Upper

152 100

115 63.3 45.4 136.2

150 159.5 0.0 353.0



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX1127WBS01	SDG No.:	P5001
Lab Sample ID:	VX1127WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044028.D	1		11/27/24 10:27	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.3		0.21	1.00	ug/L
74-87-3	Chloromethane	18.9		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	19.2		0.34	1.00	ug/L
74-83-9	Bromomethane	22.2		1.40	5.00	ug/L
75-00-3	Chloroethane	23.0		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.7		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.6		0.26	1.00	ug/L
67-64-1	Acetone	100		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	15.6		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.1		0.60	1.00	ug/L
75-09-2	Methylene Chloride	20.3		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.5		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.0		1.60	5.00	ug/L
78-93-3	2-Butanone	110		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.3		0.25	1.00	ug/L
74-97-5	Bromochloromethane	23.6		0.18	1.00	ug/L
67-66-3	Chloroform	21.4		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.4		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	19.7		0.19	1.00	ug/L
71-43-2	Benzene	20.9		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.1		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.1		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.1		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	21.2		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	21.2		0.18	1.00	ug/L

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1127WBS01	SDG No.:	P5001	
Lab Sample ID:	VX1127WBS01	Matrix:	Water	
Analytical Method:	SW8260	% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044028.D	1		11/27/24 10:27	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.3		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.4		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	20.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.4		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	21.3		0.25	1.00	ug/L
108-90-7	Chlorobenzene	21.0		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	21.1		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	42.2		0.31	2.00	ug/L
95-47-6	o-Xylene	21.0		0.14	1.00	ug/L
100-42-5	Styrene	21.2		0.16	1.00	ug/L
75-25-2	Bromoform	18.2		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	21.5		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	22.1		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.9		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.5		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.3		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.4		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.6		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.4		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.7		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	53.5		70 (75) - 130 (124)	107%	SPK: 50
2037-26-5	Toluene-d8	53.1		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.6		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	107000	5.544			
540-36-3	1,4-Difluorobenzene	193000	6.757			
3114-55-4	Chlorobenzene-d5	163000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	74600	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX1127WBS01	SDG No.:	P5001
Lab Sample ID:	VX1127WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044028.D	1		11/27/24 10:27	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044028.D
 Acq On : 27 Nov 2024 10:27
 Operator : JC/MD
 Sample : VX1127WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2024
 Supervised By : Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:41:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	106843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74629	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	100231	54.695	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.400%
35) Dibromofluoromethane	5.373	113	73794	53.539	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.080%
50) Toluene-d8	8.647	98	252386	53.120	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.240%
62) 4-Bromofluorobenzene	11.079	95	86716	53.629	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.260%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	27495	20.314	ug/l	94
3) Chloromethane	1.294	50	26987	18.947	ug/l	99
4) Vinyl Chloride	1.374	62	29060	19.182	ug/l	100
5) Bromomethane	1.599	94	20720	22.232	ug/l	96
6) Chloroethane	1.666	64	21222	22.989	ug/l	99
7) Trichlorofluoromethane	1.874	101	53465	19.739	ug/l	98
8) Diethyl Ether	2.130	74	19864	20.121	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	26558	20.556	ug/l	98
10) Methyl Iodide	2.441	142	32784	20.317	ug/l	98
11) Tert butyl alcohol	2.995	59	30927	105.144	ug/l	99
12) 1,1-Dichloroethene	2.313	96	24109	19.583	ug/l	97
13) Acrolein	2.233	56	35136	113.329	ug/l	97
14) Allyl chloride	2.654	41	40607	20.186	ug/l	98
15) Acrylonitrile	3.062	53	77862	108.625	ug/l	100
16) Acetone	2.380	43	84832	100.790	ug/l	99
17) Carbon Disulfide	2.502	76	39530	15.566	ug/l #	94
18) Methyl Acetate	2.703	43	41426	21.135	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	96442	21.574	ug/l	99
20) Methylene Chloride	2.782	84	28993	20.299	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	24792	19.505	ug/l	99
22) Diisopropyl ether	3.757	45	93836	21.814	ug/l	91
23) Vinyl Acetate	3.715	43	393185	106.851	ug/l	100
24) 1,1-Dichloroethane	3.605	63	52965	21.343	ug/l	99
25) 2-Butanone	4.556	43	116345	107.130	ug/l	98
26) 2,2-Dichloropropane	4.465	77	46353	20.683	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	31844	20.268	ug/l	98
28) Bromochloromethane	4.885	49	25724	23.550	ug/l	100
29) Tetrahydrofuran	5.007	42	69973	105.096	ug/l	99
30) Chloroform	5.086	83	57229	21.442	ug/l	99
31) Cyclohexane	5.458	56	40860	20.006	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	49182	21.368	ug/l	99
36) 1,1-Dichloropropene	5.678	75	35415	20.619	ug/l	98
37) Ethyl Acetate	4.708	43	43844	20.564	ug/l	99
38) Carbon Tetrachloride	5.666	117	37602	19.484	ug/l	97
39) Methylcyclohexane	7.373	83	44056	19.744	ug/l	96
40) Benzene	6.025	78	111946	20.924	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044028.D
 Acq On : 27 Nov 2024 10:27
 Operator : JC/MD
 Sample : VX1127WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:41:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	22392	20.520	ug/l	93
42) 1,2-Dichloroethane	6.080	62	45301	21.083	ug/l	98
43) Isopropyl Acetate	6.336	43	73293	21.601	ug/l	98
44) Trichloroethene	7.123	130	27471	18.138	ug/l	87
45) 1,2-Dichloropropane	7.428	63	27650	21.101	ug/l	96
46) Dibromomethane	7.580	93	21820	21.051	ug/l	98
47) Bromodichloromethane	7.818	83	39427	21.208	ug/l	95
48) Methyl methacrylate	7.690	41	32981	20.257	ug/l	99
49) 1,4-Dioxane	7.665	88	10873	374.909	ug/l	88
51) 4-Methyl-2-Pentanone	8.574	43	224664	108.502	ug/l	98
52) Toluene	8.714	92	67843	21.186	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	38544	20.332	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	42337	20.372	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	29041	21.970	ug/l	99
56) Ethyl methacrylate	9.116	69	42360	20.574	ug/l	97
57) 1,3-Dichloropropane	9.305	76	48650	21.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	96276	84.678	ug/l	98
59) 2-Hexanone	9.427	43	165931	106.618	ug/l	99
60) Dibromochloromethane	9.519	129	26588	20.047	ug/l	99
61) 1,2-Dibromoethane	9.604	107	28577	21.380	ug/l	98
64) Tetrachloroethene	9.269	164	22848	21.284	ug/l	98
65) Chlorobenzene	10.079	112	75049	20.989	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	25332	21.845	ug/l	97
67) Ethyl Benzene	10.189	91	127753	21.086	ug/l	96
68) m/p-Xylenes	10.299	106	95260	42.161	ug/l	98
69) o-Xylene	10.640	106	46330	21.001	ug/l	96
70) Styrene	10.653	104	77290	21.183	ug/l	99
71) Bromoform	10.799	173	14795	18.188	ug/l #	100
73) Isopropylbenzene	10.957	105	123185	21.473	ug/l	99
74) N-amyl acetate	10.842	43	56606	21.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	43345	22.067	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35313m	21.577	ug/l	
77) Bromobenzene	11.195	156	28883	21.106	ug/l	99
78) n-propylbenzene	11.305	91	138143	21.561	ug/l	98
79) 2-Chlorotoluene	11.360	91	85482	21.099	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	103509	21.932	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10067	16.785	ug/l	88
82) 4-Chlorotoluene	11.451	91	99072	21.660	ug/l	100
83) tert-Butylbenzene	11.713	119	100413	21.465	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	102845	21.888	ug/l	99
85) sec-Butylbenzene	11.890	105	123296	21.512	ug/l	100
86) p-Isopropyltoluene	12.006	119	104453	22.436	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	52068	20.890	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	52046	20.482	ug/l	96
89) n-Butylbenzene	12.329	91	88149	21.475	ug/l	98
90) Hexachloroethane	12.536	117	14370	18.152	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	53612	21.314	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7627	19.378	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	29045	19.586	ug/l	99
94) Hexachlorobutadiene	13.719	225	12147	20.726	ug/l	99
95) Naphthalene	13.774	128	111128	20.818	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30605	20.390	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044028.D
Acq On : 27 Nov 2024 10:27
Operator : JC/MD
Sample : VX1127WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:41:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

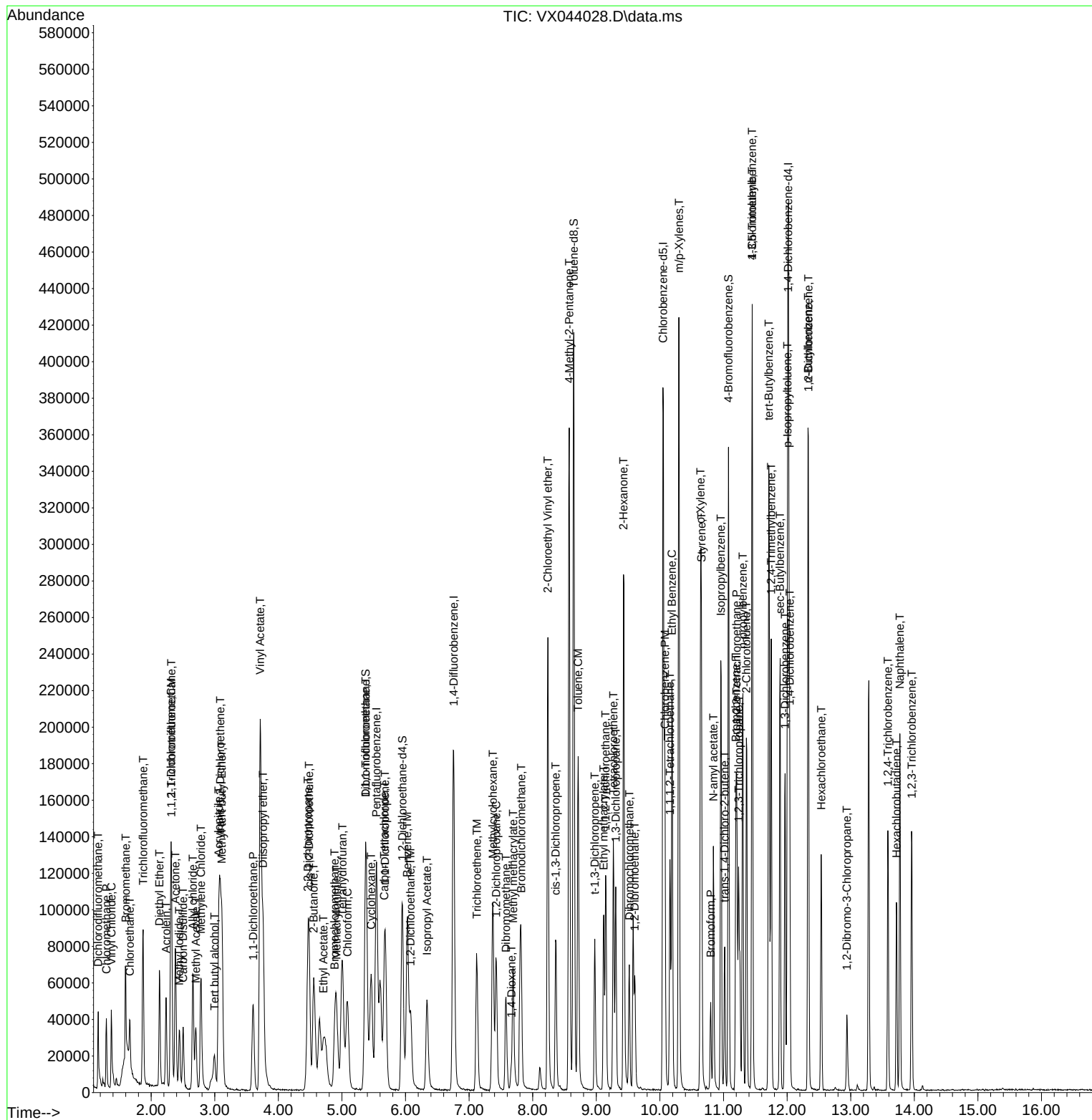
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044028.D
Acq On : 27 Nov 2024 10:27
Operator : JC/MD
Sample : VX1127WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:41:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX1202WBS01	SDG No.:	P5001
Lab Sample ID:	VX1202WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044055.D	1		12/02/24 11:00	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.6		0.21	1.00	ug/L
74-87-3	Chloromethane	16.9		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	17.1		0.34	1.00	ug/L
74-83-9	Bromomethane	19.8		1.40	5.00	ug/L
75-00-3	Chloroethane	17.2		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.6		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.1		0.26	1.00	ug/L
67-64-1	Acetone	89.5		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	15.9		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.8		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.9		1.60	5.00	ug/L
78-93-3	2-Butanone	90.4		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.3		0.25	1.00	ug/L
74-97-5	Bromochloromethane	18.3		0.18	1.00	ug/L
67-66-3	Chloroform	20.3		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.7		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	17.8		0.19	1.00	ug/L
71-43-2	Benzene	19.4		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.5		0.24	1.00	ug/L
79-01-6	Trichloroethene	17.0		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.5		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	20.3		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	92.8		0.75	5.00	ug/L
108-88-3	Toluene	19.4		0.18	1.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX1202WBS01	SDG No.:	P5001
Lab Sample ID:	VX1202WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044055.D	1		12/02/24 11:00	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.0		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.2		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	93.8		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.7		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.8		0.25	1.00	ug/L
108-90-7	Chlorobenzene	19.7		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	20.7		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	41.5		0.31	2.00	ug/L
95-47-6	o-Xylene	21.3		0.14	1.00	ug/L
100-42-5	Styrene	20.9		0.16	1.00	ug/L
75-25-2	Bromoform	19.0		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	20.6		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.2		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.2		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.2		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.6		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.6		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.5		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.6		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.9		70 (74) - 130 (125)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	53.7		70 (75) - 130 (124)	107%	SPK: 50
2037-26-5	Toluene-d8	50.8		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.8		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	134000	5.55			
540-36-3	1,4-Difluorobenzene	237000	6.757			
3114-55-4	Chlorobenzene-d5	191000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	90100	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX1202WBS01	SDG No.:	P5001
Lab Sample ID:	VX1202WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044055.D	1		12/02/24 11:00	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044055.D
 Acq On : 02 Dec 2024 11:00
 Operator : JC/MD
 Sample : VX1202WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:14:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	133564	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	236701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90073	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	125654	54.850	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.700%
35) Dibromofluoromethane	5.379	113	90819	53.696	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.400%
50) Toluene-d8	8.647	98	296189	50.802	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	11.079	95	104667	52.750	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	29716	17.562	ug/l	100
3) Chloromethane	1.294	50	30111	16.911	ug/l	99
4) Vinyl Chloride	1.374	62	32379	17.097	ug/l	95
5) Bromomethane	1.593	94	23059	19.792	ug/l	97
6) Chloroethane	1.666	64	19812	17.168	ug/l	98
7) Trichlorofluoromethane	1.867	101	59672	17.623	ug/l	96
8) Diethyl Ether	2.136	74	21417	17.354	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	29983	18.564	ug/l	99
10) Methyl Iodide	2.441	142	38201	18.938	ug/l	99
11) Tert butyl alcohol	3.001	59	32200	87.571	ug/l	98
12) 1,1-Dichloroethene	2.313	96	27855	18.099	ug/l	99
13) Acrolein	2.239	56	40750	105.141	ug/l	97
14) Allyl chloride	2.654	41	47601	18.928	ug/l	97
15) Acrylonitrile	3.062	53	80290	89.603	ug/l	98
16) Acetone	2.386	43	94179	89.509	ug/l	96
17) Carbon Disulfide	2.502	76	50453	15.892	ug/l	99
18) Methyl Acetate	2.703	43	46123	18.824	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	113241	20.264	ug/l	97
20) Methylene Chloride	2.782	84	32788	18.363	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	29606	18.632	ug/l	98
22) Diisopropyl ether	3.757	45	110045	20.464	ug/l	90
23) Vinyl Acetate	3.715	43	447653	97.315	ug/l	99
24) 1,1-Dichloroethane	3.605	63	61692	19.887	ug/l	99
25) 2-Butanone	4.556	43	122715	90.389	ug/l	100
26) 2,2-Dichloropropane	4.471	77	57471	20.513	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	37812	19.251	ug/l	98
28) Bromochloromethane	4.891	49	24973	18.289	ug/l	99
29) Tetrahydrofuran	5.001	42	72622	87.253	ug/l	99
30) Chloroform	5.086	83	67602	20.261	ug/l	98
31) Cyclohexane	5.458	56	45725	17.909	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	59601	20.714	ug/l	99
36) 1,1-Dichloropropene	5.684	75	41511	19.696	ug/l	99
37) Ethyl Acetate	4.715	43	45913	17.549	ug/l	98
38) Carbon Tetrachloride	5.672	117	46126	19.477	ug/l	92
39) Methylcyclohexane	7.373	83	48820	17.830	ug/l	97
40) Benzene	6.031	78	127296	19.390	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044055.D
 Acq On : 02 Dec 2024 11:00
 Operator : JC/MD
 Sample : VX1202WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:14:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25048	18.706	ug/l	95
42) 1,2-Dichloroethane	6.080	62	54009	20.484	ug/l	99
43) Isopropyl Acetate	6.336	43	79280	19.041	ug/l	99
44) Trichloroethene	7.123	130	31641	17.025	ug/l	96
45) 1,2-Dichloropropane	7.427	63	32914	20.470	ug/l	92
46) Dibromomethane	7.580	93	25657	20.171	ug/l	98
47) Bromodichloromethane	7.818	83	46362	20.323	ug/l	96
48) Methyl methacrylate	7.696	41	36925	18.482	ug/l	99
49) 1,4-Dioxane	7.671	88	11948	335.731	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	235866	92.830	ug/l	99
52) Toluene	8.714	92	76076	19.361	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	44286	19.037	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49007	19.217	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	31692	19.538	ug/l	95
56) Ethyl methacrylate	9.116	69	49341	19.530	ug/l	98
57) 1,3-Dichloropropane	9.305	76	54631	19.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	123411	88.471	ug/l	98
59) 2-Hexanone	9.433	43	179096	93.779	ug/l	98
60) Dibromochloromethane	9.519	129	31304	19.235	ug/l	97
61) 1,2-Dibromoethane	9.604	107	32243	19.659	ug/l	99
64) Tetrachloroethene	9.269	164	24903	19.767	ug/l	98
65) Chlorobenzene	10.079	112	82674	19.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	28160	20.693	ug/l	98
67) Ethyl Benzene	10.189	91	147229	20.706	ug/l	97
68) m/p-Xylenes	10.299	106	110161	41.545	ug/l	99
69) o-Xylene	10.640	106	55187	21.316	ug/l	98
70) Styrene	10.652	104	89632	20.932	ug/l	98
71) Bromoform	10.799	173	18242	19.030	ug/l #	100
73) Isopropylbenzene	10.957	105	142787	20.623	ug/l	99
74) N-amyl acetate	10.841	43	64575	20.133	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	47782	20.155	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39067m	19.778	ug/l	
77) Bromobenzene	11.195	156	33215	20.110	ug/l	98
78) n-propylbenzene	11.305	91	159743	20.657	ug/l	99
79) 2-Chlorotoluene	11.360	91	99937	20.438	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	121093	21.258	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13239	18.289	ug/l	95
82) 4-Chlorotoluene	11.451	91	116017	21.016	ug/l	99
83) tert-Butylbenzene	11.713	119	120448	21.333	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	120363	21.224	ug/l	99
85) sec-Butylbenzene	11.890	105	143763	20.782	ug/l	100
86) p-Isopropyltoluene	12.006	119	120535	21.451	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	60741	20.192	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	61904	20.184	ug/l	98
89) n-Butylbenzene	12.329	91	99591	20.102	ug/l	99
90) Hexachloroethane	12.536	117	18114	18.958	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	62628	20.630	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8844	18.617	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	34973	19.540	ug/l	98
94) Hexachlorobutadiene	13.725	225	13825	19.544	ug/l	99
95) Naphthalene	13.774	128	130543	20.262	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	35504	19.599	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044055.D
Acq On : 02 Dec 2024 11:00
Operator : JC/MD
Sample : VX1202WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:14:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

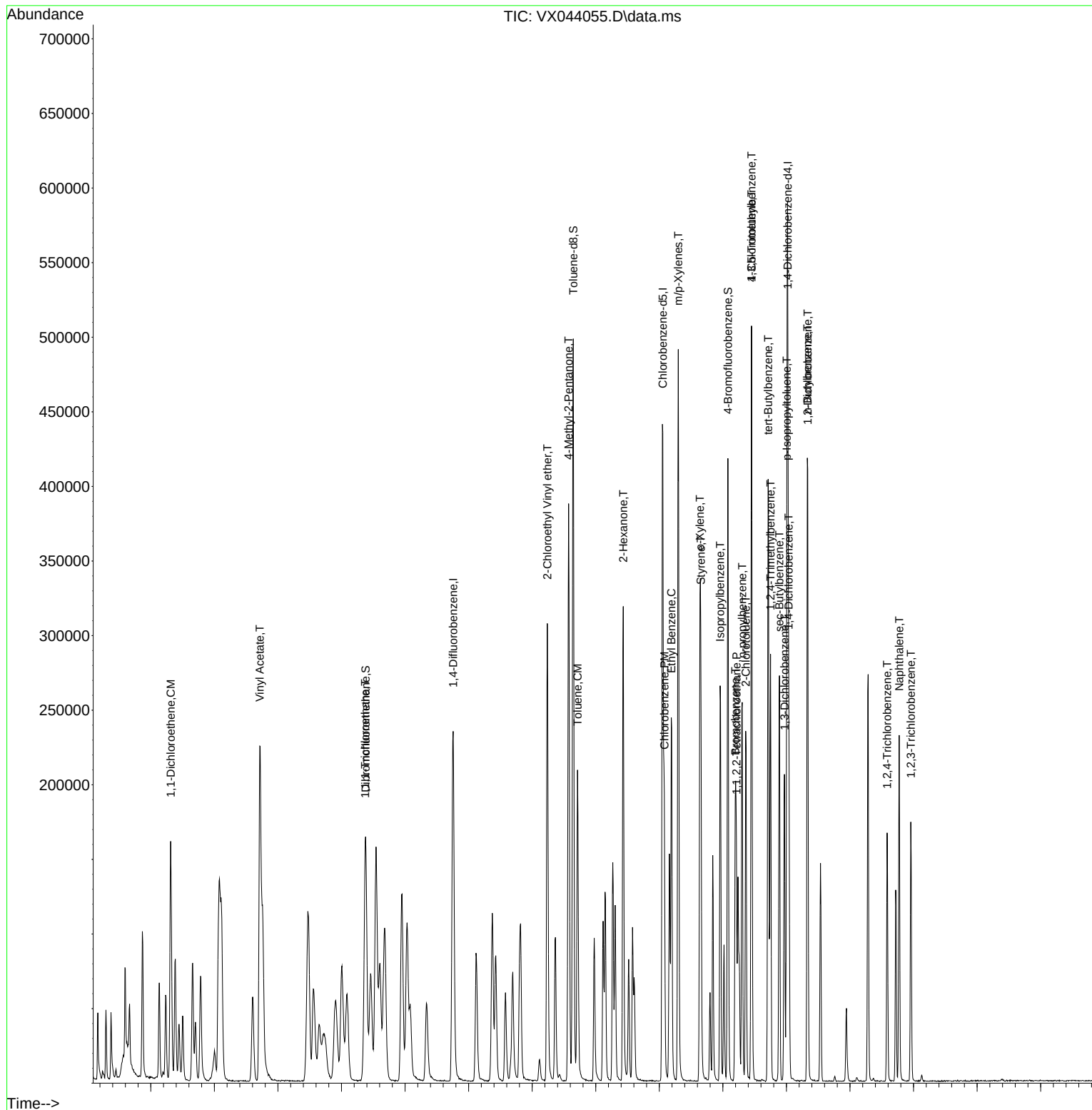
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044055.D
Acq On : 02 Dec 2024 11:00
Operator : JC/MD
Sample : VX1202WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:14:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:		
Client Sample ID:	VX1127WBSD01		SDG No.:	P5001	
Lab Sample ID:	VX1127WBSD01		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044041.D	1		11/27/24 15:25	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.1		0.21	1.00	ug/L
74-87-3	Chloromethane	15.3		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	16.2		0.34	1.00	ug/L
74-83-9	Bromomethane	18.6		1.40	5.00	ug/L
75-00-3	Chloroethane	19.4		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	16.7		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.1		0.26	1.00	ug/L
67-64-1	Acetone	72.1		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	13.1		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.9		0.60	1.00	ug/L
75-09-2	Methylene Chloride	17.8		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.5		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.3		1.60	5.00	ug/L
78-93-3	2-Butanone	87.3		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	16.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.4		0.25	1.00	ug/L
74-97-5	Bromochloromethane	17.4		0.18	1.00	ug/L
67-66-3	Chloroform	18.9		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.0		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	15.8		0.19	1.00	ug/L
71-43-2	Benzene	17.4		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.7		0.24	1.00	ug/L
79-01-6	Trichloroethene	14.9		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.2		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	17.5		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	91.3		0.75	5.00	ug/L
108-88-3	Toluene	18.4		0.18	1.00	ug/L

Report of Analysis

Client:	ENTACT			Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	
Client Sample ID:	VX1127WBSD01			SDG No.:	P5001
Lab Sample ID:	VX1127WBSD01			Matrix:	Water
Analytical Method:	SW8260			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044041.D	1		11/27/24 15:25	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.2		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.2		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	88.6		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	15.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	17.9		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	18.8		0.25	1.00	ug/L
108-90-7	Chlorobenzene	17.4		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	18.5		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	36.1		0.31	2.00	ug/L
95-47-6	o-Xylene	18.8		0.14	1.00	ug/L
100-42-5	Styrene	18.0		0.16	1.00	ug/L
75-25-2	Bromoform	14.7		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	18.8		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.8		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.7		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.3		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.9		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	16.8		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.9		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.5		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	46.2		70 (75) - 130 (124)	92%	SPK: 50
2037-26-5	Toluene-d8	47.1		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	127000	5.544			
540-36-3	1,4-Difluorobenzene	240000	6.757			
3114-55-4	Chlorobenzene-d5	206000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	92100	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1127WBSD01		SDG No.:	P5001
Lab Sample ID:	VX1127WBSD01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044041.D	1		11/27/24 15:25	VX112724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044041.D
 Acq On : 27 Nov 2024 15:25
 Operator : JC/MD
 Sample : VX1127WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:49:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	127369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	205658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112556	51.523	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.040%			
35) Dibromofluoromethane	5.379	113	79370	46.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.460%			
50) Toluene-d8	8.647	98	278542	47.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.140%			
62) 4-Bromofluorobenzene	11.079	95	97608	48.462	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25936	16.074	ug/l	94
3) Chloromethane	1.294	50	25998	15.311	ug/l	98
4) Vinyl Chloride	1.374	62	29254	16.198	ug/l	98
5) Bromomethane	1.593	94	20643	18.580	ug/l	91
6) Chloroethane	1.666	64	21324	19.377	ug/l	98
7) Trichlorofluoromethane	1.873	101	54025	16.732	ug/l	100
8) Diethyl Ether	2.136	74	21026	17.866	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	27168	17.639	ug/l	97
10) Methyl Iodide	2.447	142	35852	18.638	ug/l	97
11) Tert butyl alcohol	2.989	59	28305	80.722	ug/l	95
12) 1,1-Dichloroethene	2.306	96	25114	17.112	ug/l	94
13) Acrolein	2.233	56	37101	100.382	ug/l	100
14) Allyl chloride	2.660	41	41624	17.357	ug/l	95
15) Acrylonitrile	3.062	53	75266	88.082	ug/l	97
16) Acetone	2.386	43	72376	72.133	ug/l	99
17) Carbon Disulfide	2.501	76	39751	13.130	ug/l	96
18) Methyl Acetate	2.703	43	46536	19.916	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	105439	19.786	ug/l	97
20) Methylene Chloride	2.782	84	30367	17.835	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	26548	17.520	ug/l	98
22) Diisopropyl ether	3.757	45	99922	19.486	ug/l	88
23) Vinyl Acetate	3.721	43	393058	89.602	ug/l	100
24) 1,1-Dichloroethane	3.605	63	54878	18.551	ug/l	99
25) 2-Butanone	4.562	43	112991	87.275	ug/l	99
26) 2,2-Dichloropropane	4.471	77	46487	17.400	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	34387	18.359	ug/l	99
28) Bromochloromethane	4.897	49	22637	17.384	ug/l	98
29) Tetrahydrofuran	5.007	42	72798	91.719	ug/l	99
30) Chloroform	5.086	83	60194	18.919	ug/l	94
31) Cyclohexane	5.458	56	42196	17.330	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	52147	19.005	ug/l	100
36) 1,1-Dichloropropene	5.684	75	37013	17.301	ug/l	98
37) Ethyl Acetate	4.714	43	45715	17.214	ug/l	98
38) Carbon Tetrachloride	5.672	117	39329	16.361	ug/l	99
39) Methylcyclohexane	7.379	83	43900	15.795	ug/l	96
40) Benzene	6.031	78	115821	17.380	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044041.D
 Acq On : 27 Nov 2024 15:25
 Operator : JC/MD
 Sample : VX1127WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:49:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24112	17.740	ug/l	96
42) 1,2-Dichloroethane	6.086	62	49932	18.656	ug/l	98
43) Isopropyl Acetate	6.342	43	75731	17.919	ug/l	99
44) Trichloroethene	7.123	130	28142	14.918	ug/l	98
45) 1,2-Dichloropropane	7.427	63	29734	18.217	ug/l	100
46) Dibromomethane	7.580	93	23350	18.085	ug/l	96
47) Bromodichloromethane	7.818	83	40574	17.522	ug/l	99
48) Methyl methacrylate	7.689	41	34514	17.019	ug/l	99
49) 1,4-Dioxane	7.671	88	10711	296.503	ug/l	90
51) 4-Methyl-2-Pentanone	8.573	43	235366	91.258	ug/l	97
52) Toluene	8.714	92	73481	18.423	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	40540	17.168	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	44564	17.215	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	29202	17.736	ug/l	97
56) Ethyl methacrylate	9.116	69	45568	17.768	ug/l	97
57) 1,3-Dichloropropane	9.305	76	50028	18.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	109304	77.153	ug/l	99
59) 2-Hexanone	9.433	43	171810	88.628	ug/l	99
60) Dibromochloromethane	9.518	129	26298	15.919	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29718	17.850	ug/l	99
64) Tetrachloroethene	9.268	164	25504	18.807	ug/l	96
65) Chlorobenzene	10.079	112	78428	17.363	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	25798	17.611	ug/l	99
67) Ethyl Benzene	10.189	91	141788	18.525	ug/l	98
68) m/p-Xylenes	10.299	106	102916	36.057	ug/l	99
69) o-Xylene	10.640	106	52325	18.776	ug/l	99
70) Styrene	10.652	104	82874	17.980	ug/l	97
71) Bromoform	10.799	173	14739	14.652	ug/l #	97
73) Isopropylbenzene	10.957	105	133242	18.824	ug/l	98
74) N-amyl acetate	10.841	43	61904	18.878	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	44209	18.240	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	37068m	18.356	ug/l	
77) Bromobenzene	11.195	156	30733	18.201	ug/l	100
78) n-propylbenzene	11.305	91	149228	18.876	ug/l	99
79) 2-Chlorotoluene	11.360	91	92211	18.446	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	111198	19.095	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10482	14.164	ug/l #	85
82) 4-Chlorotoluene	11.451	91	106504	18.871	ug/l	98
83) tert-Butylbenzene	11.713	119	106852	18.512	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	111698	19.265	ug/l	97
85) sec-Butylbenzene	11.890	105	130741	18.487	ug/l	99
86) p-Isopropyltoluene	12.006	119	108910	18.959	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	54803	17.820	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	55390	17.666	ug/l	96
89) n-Butylbenzene	12.329	91	93726	18.505	ug/l	99
90) Hexachloroethane	12.536	117	14292	14.631	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	56686	18.264	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8198	16.880	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	30806	16.836	ug/l	98
94) Hexachlorobutadiene	13.725	225	12322	17.039	ug/l	98
95) Naphthalene	13.774	128	211326	32.084	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	31338	16.921	ug/l	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044041.D
Acq On : 27 Nov 2024 15:25
Operator : JC/MD
Sample : VX1127WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:49:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

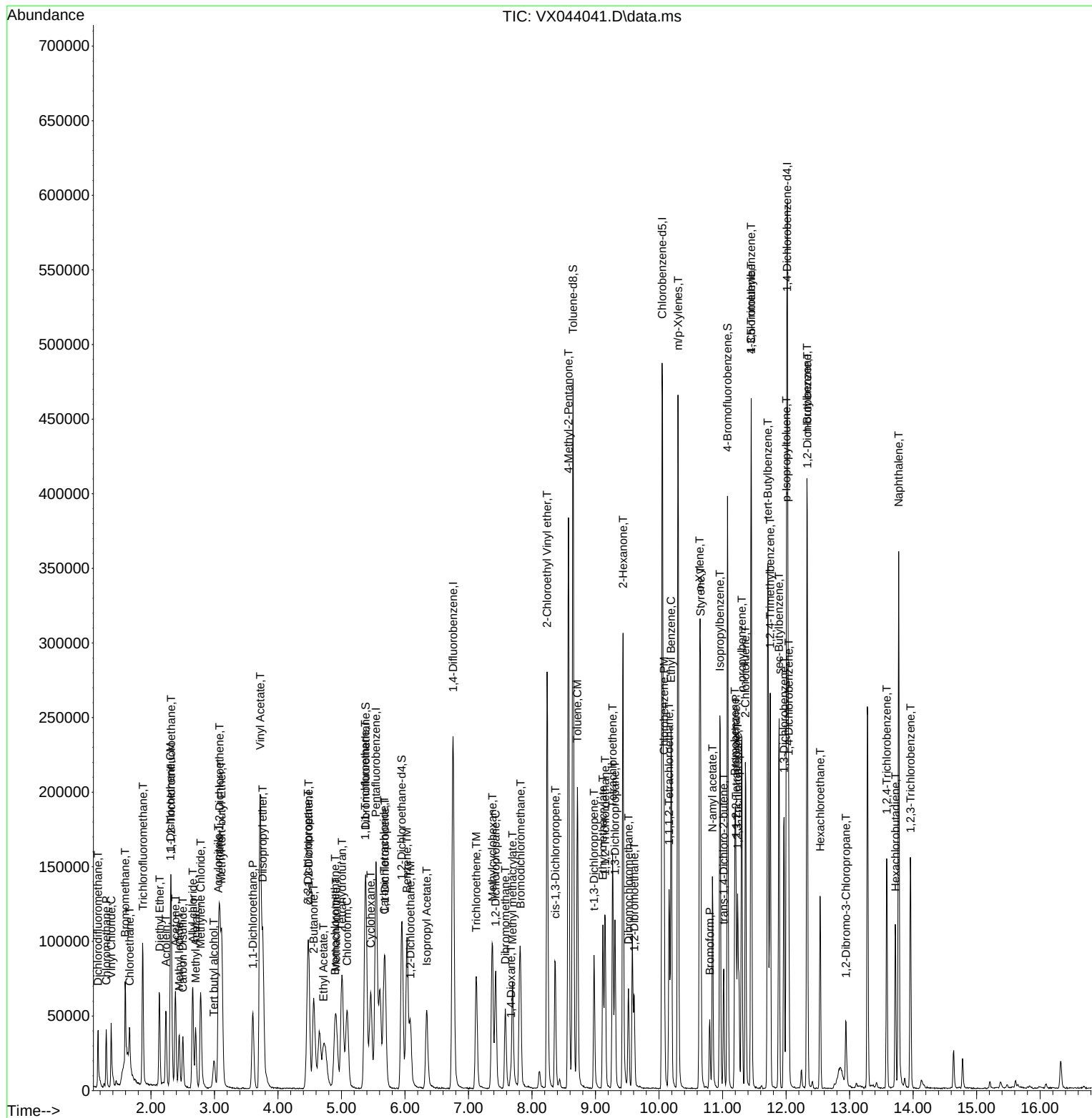
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
Data File : VX044041.D
Acq On    : 27 Nov 2024 15:25
Operator  : JC/MD
Sample    : VX1127WBSD01
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 19 Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Quant Time: Nov 28 00:49:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



Manual Integration Report

Sequence:	vx112124	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX043923.D	1,2,3-Trichloropropane	JOHN	11/21/2024 9:44:34 AM	MMDadoda	11/22/2024 3:33:41 PM	Peak Integrated by Software
VSTDICV050	VX043923.D	1,4-Dioxane	JOHN	11/21/2024 9:44:34 AM	MMDadoda	11/22/2024 3:33:41 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	1,4-Dichlorobenzene	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	Bromochloromethane	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	Ethyl Acetate	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	Methacrylonitrile	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	Methyl methacrylate	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC005	VX043926.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:07 AM	MMDadoda	11/22/2024 3:33:44 PM	Peak Integrated by Software
VSTDICC005	VX043926.D	1,4-Dioxane	JOHN	11/22/2024 9:57:07 AM	MMDadoda	11/22/2024 3:33:44 PM	Peak Integrated by Software
VSTDICC005	VX043926.D	Ethyl Acetate	JOHN	11/22/2024 9:57:07 AM	MMDadoda	11/22/2024 3:33:44 PM	Peak Integrated by Software
VSTDICC005	VX043926.D	Tert butyl alcohol	JOHN	11/22/2024 9:57:07 AM	MMDadoda	11/22/2024 3:33:44 PM	Peak Integrated by Software
VSTDICC020	VX043927.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:12 AM	MMDadoda	11/22/2024 3:33:46 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

vx112124

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC020	VX043927.D	1,4-Dioxane	JOHN	11/22/2024 9:57:12 AM	MMDadoda	11/22/2024 3:33:46 PM	Peak Integrated by Software
VSTDICCC050	VX043928.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:17 AM	MMDadoda	11/22/2024 3:33:47 PM	Peak Integrated by Software
VSTDICCC050	VX043928.D	1,4-Dioxane	JOHN	11/22/2024 9:57:17 AM	MMDadoda	11/22/2024 3:33:47 PM	Peak Integrated by Software
VSTDICC100	VX043929.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:21 AM	MMDadoda	11/22/2024 3:33:49 PM	Peak Integrated by Software
VSTDICC100	VX043929.D	1,4-Dioxane	JOHN	11/22/2024 9:57:21 AM	MMDadoda	11/22/2024 3:33:49 PM	Peak Integrated by Software
VSTDICC150	VX043930.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:26 AM	MMDadoda	11/22/2024 3:33:50 PM	Peak Integrated by Software
VSTDICV050	VX043932.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:30 AM	MMDadoda	11/22/2024 3:33:52 PM	Peak Integrated by Software
VSTDCCC050	VX043948.D	1,2,3-Trichloropropane	MMDadoda	11/29/2024 8:03:03 AM	SAM	11/29/2024 8:03:34 AM	Peak Integrated by Software
VSTDCCC050	VX043948.D	2-Chloroethyl Vinyl ether	MMDadoda	11/29/2024 8:03:03 AM	SAM	11/29/2024 8:03:34 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	VX112724	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX044024.D	1,2,3-Trichloropropane	JOHN	12/2/2024 9:50:52 AM	MMDadoda	12/2/2024 10:24:29 AM	Peak Integrated by Software
VX1127WBS01	VX044028.D	1,2,3-Trichloropropane	JOHN	12/2/2024 9:51:00 AM	MMDadoda	12/2/2024 10:24:32 AM	Peak Integrated by Software
VX1127WBSD01	VX044041.D	1,2,3-Trichloropropane	JOHN	12/2/2024 9:52:27 AM	MMDadoda	12/2/2024 10:24:33 AM	Peak Integrated by Software
VSTDCCC050	VX044050.D	1,2,3-Trichloropropane	JOHN	12/2/2024 9:52:48 AM	MMDadoda	12/2/2024 10:24:40 AM	Peak Integrated by Software
VSTDCCC050	VX044050.D	1,4-Dioxane	JOHN	12/2/2024 9:52:48 AM	MMDadoda	12/2/2024 10:24:40 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	VX120224	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX044052.D	1,2,3-Trichloropropane	JOHN	12/3/2024 9:44:54 AM	MMDadoda	12/3/2024 1:39:18 PM	Peak Integrated by Software
VX1202WBS01	VX044055.D	1,2,3-Trichloropropane	JOHN	12/3/2024 9:44:58 AM	MMDadoda	12/3/2024 1:39:19 PM	Peak Integrated by Software
VSTDCCC050	VX044078.D	1,2,3-Trichloropropane	JOHN	12/3/2024 9:45:20 AM	MMDadoda	12/3/2024 1:39:25 PM	Peak Integrated by Software

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX112124

Review By	John Carlone	Review On	11/21/2024 9:44:50 AM
Supervise By	Maresh Dadoda	Supervise On	11/22/2024 3:34:00 PM
SubDirectory	VX112124	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP131686,VP131690		
Initial Calibration Stds	VP131716,VP131717,VP131718,VP131719,VP131720,VP131721		
CCC	VP131691		
Internal Standard/PEM			
ICV/I.BLK	VP131722		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX043915.D	20 Nov 2024 15:43	JC/MD	Not Ok
2	VSTDICC001	VX043916.D	20 Nov 2024 16:11	JC/MD	Not Ok
3	VSTDICC005	VX043917.D	20 Nov 2024 16:57	JC/MD	Not Ok
4	VSTDICC020	VX043918.D	20 Nov 2024 17:20	JC/MD	Not Ok
5	VSTDICCC050	VX043919.D	20 Nov 2024 17:43	JC/MD	Not Ok
6	VSTDICC100	VX043920.D	20 Nov 2024 18:06	JC/MD	Not Ok
7	VSTDICC150	VX043921.D	20 Nov 2024 18:30	JC/MD	Not Ok
8	IBLK	VX043922.D	20 Nov 2024 18:53	JC/MD	Not Ok
9	VSTDICV050	VX043923.D	20 Nov 2024 19:16	JC/MD	Not Ok
10	BFB	VX043924.D	21 Nov 2024 08:51	JC/MD	Ok
11	VSTDICC001	VX043925.D	21 Nov 2024 09:47	JC/MD	Ok,M
12	VSTDICC005	VX043926.D	21 Nov 2024 10:14	JC/MD	Ok,M
13	VSTDICC020	VX043927.D	21 Nov 2024 10:37	JC/MD	Ok,M
14	VSTDICCC050	VX043928.D	21 Nov 2024 11:17	JC/MD	Ok,M
15	VSTDICC100	VX043929.D	21 Nov 2024 11:40	JC/MD	Ok,M
16	VSTDICC150	VX043930.D	21 Nov 2024 12:03	JC/MD	Ok,M
17	IBLK	VX043931.D	21 Nov 2024 12:27	JC/MD	Ok
18	VSTDICV050	VX043932.D	21 Nov 2024 13:57	JC/MD	Ok,M
19	VX1121MBL01	VX043933.D	21 Nov 2024 14:27	JC/MD	Ok
20	VX1121WBL01	VX043934.D	21 Nov 2024 14:50	JC/MD	Ok
21	VX1121WBS01	VX043935.D	21 Nov 2024 15:13	JC/MD	Ok,M

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX112124

Review By	John Carlone	Review On	11/21/2024 9:44:50 AM
Supervise By	Maresh Dadoda	Supervise On	11/22/2024 3:34:00 PM
SubDirectory	VX112124	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP131686,VP131690		
Initial Calibration Stds	VP131716,VP131717,VP131718,VP131719,VP131720,VP131721		
CCC	VP131691		
Internal Standard/PEM			
ICV/I.BLK	VP131722		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	VX1121WBSD01	VX043936.D	21 Nov 2024 15:40	JC/MD	Ok,M
23	P4921-01	VX043937.D	21 Nov 2024 16:03	JC/MD	Ok
24	P4934-01	VX043938.D	21 Nov 2024 16:27	JC/MD	Ok
25	P4934-09	VX043939.D	21 Nov 2024 16:50	JC/MD	Ok
26	P4934-11	VX043940.D	21 Nov 2024 17:13	JC/MD	Ok
27	P4934-02	VX043941.D	21 Nov 2024 17:36	JC/MD	Ok
28	P4934-03	VX043942.D	21 Nov 2024 17:59	JC/MD	Ok
29	P4934-08	VX043943.D	21 Nov 2024 18:23	JC/MD	Ok
30	P4934-10	VX043944.D	21 Nov 2024 18:46	JC/MD	Ok
31	P4934-04	VX043945.D	21 Nov 2024 19:09	JC/MD	Ok
32	P4934-12	VX043946.D	21 Nov 2024 19:32	JC/MD	Ok
33	P4934-05	VX043947.D	21 Nov 2024 19:55	JC/MD	Ok
34	VSTDCCC050	VX043948.D	21 Nov 2024 20:18	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX112724

Review By	John Carlone	Review On	12/2/2024 10:20:52 AM
Supervise By	Maresh Dadoda	Supervise On	12/2/2024 10:24:46 AM
SubDirectory	VX112724	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131824		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131825,VP131826		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044023.D	27 Nov 2024 07:52	JC/MD	Ok
2	VSTDCCC050	VX044024.D	27 Nov 2024 08:46	JC/MD	Ok,M
3	VX1127MBL01	VX044025.D	27 Nov 2024 09:15	JC/MD	Ok
4	VX1127WBL01	VX044026.D	27 Nov 2024 09:38	JC/MD	Ok
5	VX1127MBS01	VX044027.D	27 Nov 2024 10:01	JC/MD	Ok,M
6	VX1127WBS01	VX044028.D	27 Nov 2024 10:27	JC/MD	Ok,M
7	P5006-18	VX044029.D	27 Nov 2024 10:50	JC/MD	Ok
8	PB165270TB	VX044030.D	27 Nov 2024 11:13	JC/MD	Ok
9	P5001-01	VX044031.D	27 Nov 2024 11:36	JC/MD	ReRun
10	P5001-02	VX044032.D	27 Nov 2024 11:59	JC/MD	ReRun
11	P5001-03	VX044033.D	27 Nov 2024 12:22	JC/MD	ReRun
12	P5001-04	VX044034.D	27 Nov 2024 12:45	JC/MD	ReRun
13	P5001-05	VX044035.D	27 Nov 2024 13:08	JC/MD	Dilution
14	P5001-06	VX044036.D	27 Nov 2024 13:31	JC/MD	Dilution
15	P5001-08	VX044037.D	27 Nov 2024 13:54	JC/MD	ReRun
16	P5001-09	VX044038.D	27 Nov 2024 14:16	JC/MD	Dilution
17	P5001-10	VX044039.D	27 Nov 2024 14:39	JC/MD	Dilution
18	P5001-11	VX044040.D	27 Nov 2024 15:02	JC/MD	ReRun
19	VX1127WBSD01	VX044041.D	27 Nov 2024 15:25	JC/MD	Ok,M
20	VX1127MBSD01	VX044042.D	27 Nov 2024 15:48	JC/MD	Ok,M
21	P4960-05	VX044043.D	27 Nov 2024 16:11	JC/MD	Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX112724

Review By	John Carlone	Review On	12/2/2024 10:20:52 AM
Supervise By	Mahesh Dadoda	Supervise On	12/2/2024 10:24:46 AM
SubDirectory	VX112724	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131824		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131825,VP131826		

22	P5021-02	VX044044.D	27 Nov 2024 16:34	JC/MD	ReRun
23	P5021-01	VX044045.D	27 Nov 2024 16:57	JC/MD	ReRun
24	P5021-03	VX044046.D	27 Nov 2024 17:20	JC/MD	ReRun
25	P5021-04	VX044047.D	27 Nov 2024 17:43	JC/MD	ReRun
26	P5021-05	VX044048.D	27 Nov 2024 18:06	JC/MD	ReRun
27	P5021-06	VX044049.D	27 Nov 2024 18:29	JC/MD	Dilution
28	VSTDCCC050	VX044050.D	27 Nov 2024 18:52	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX120224

Review By	John Carlone	Review On	12/3/2024 9:50:50 AM
Supervise By	Maresh Dadoda	Supervise On	12/3/2024 1:39:36 PM
SubDirectory	VX120224	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131840		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131841,VP131842		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044051.D	02 Dec 2024 08:35	JC/MD	Ok
2	VSTDCCC050	VX044052.D	02 Dec 2024 09:45	JC/MD	Ok,M
3	VX1202MBL01	VX044053.D	02 Dec 2024 10:14	JC/MD	Ok
4	VX1202WBL01	VX044054.D	02 Dec 2024 10:37	JC/MD	Ok
5	VX1202WBS01	VX044055.D	02 Dec 2024 11:00	JC/MD	Ok,M
6	VX1202WBSD01	VX044056.D	02 Dec 2024 11:27	JC/MD	Ok,M
7	P5021-02	VX044057.D	02 Dec 2024 11:49	JC/MD	Ok
8	P5021-06DL	VX044058.D	02 Dec 2024 12:12	JC/MD	Ok
9	P5021-01	VX044059.D	02 Dec 2024 12:35	JC/MD	Ok,M
10	P5021-03	VX044060.D	02 Dec 2024 12:58	JC/MD	Ok
11	P5021-04	VX044061.D	02 Dec 2024 13:21	JC/MD	Ok
12	P5021-05	VX044062.D	02 Dec 2024 13:44	JC/MD	Ok
13	PB165251TB	VX044063.D	02 Dec 2024 14:07	JC/MD	Ok
14	P4995-02	VX044064.D	02 Dec 2024 14:30	JC/MD	Ok
15	P5001-05DL	VX044065.D	02 Dec 2024 14:52	JC/MD	Ok
16	P5001-06DL	VX044066.D	02 Dec 2024 15:15	JC/MD	Ok
17	P5001-09DL	VX044067.D	02 Dec 2024 15:38	JC/MD	Ok
18	P5001-10DL	VX044068.D	02 Dec 2024 16:01	JC/MD	Ok
19	P5001-01RE	VX044069.D	02 Dec 2024 16:24	JC/MD	Confirms
20	P5001-02RE	VX044070.D	02 Dec 2024 16:47	JC/MD	Confirms
21	P5001-03RE	VX044071.D	02 Dec 2024 17:10	JC/MD	Confirms

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX120224

Review By	John Carlone	Review On	12/3/2024 9:50:50 AM
Supervise By	Maresh Dadoda	Supervise On	12/3/2024 1:39:36 PM
SubDirectory	VX120224	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131840		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131841,VP131842		

22	P5001-04RE	VX044072.D	02 Dec 2024 17:32	JC/MD	Confirms
23	P5001-08RE	VX044073.D	02 Dec 2024 17:55	JC/MD	Confirms
24	P5001-11RE	VX044074.D	02 Dec 2024 18:18	JC/MD	Confirms
25	PB165299TB	VX044075.D	02 Dec 2024 18:41	JC/MD	Ok
26	P5006-01	VX044076.D	02 Dec 2024 19:04	JC/MD	ReRun
27	P5006-02	VX044077.D	02 Dec 2024 19:27	JC/MD	ReRun
28	VSTDCCC050	VX044078.D	02 Dec 2024 19:50	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX112124

Review By	John Carlone	Review On	11/21/2024 9:44:50 AM
Supervise By	Maresh Dadoda	Supervise On	11/22/2024 3:34:00 PM
SubDirectory	VX112124	HP Acquire Method	HP Processing Method 82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP131686,VP131690
Initial Calibration Stds	VP131716,VP131717,VP131718,VP131719,VP131720,VP131721
CCC	VP131691
Internal Standard/PEM	
ICV/I.BLK	VP131722
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX043915.D	20 Nov 2024 15:43		JC/MD	Not Ok
2	VSTDIC001	VSTDIC001	VX043916.D	20 Nov 2024 16:11	%D failed for Comp. #71,74,90,92 in 01 PPB	JC/MD	Not Ok
3	VSTDIC005	VSTDIC005	VX043917.D	20 Nov 2024 16:57	%D failed for Comp. #81 in 05 PPB	JC/MD	Not Ok
4	VSTDIC020	VSTDIC020	VX043918.D	20 Nov 2024 17:20		JC/MD	Not Ok
5	VSTDIC050	VSTDIC050	VX043919.D	20 Nov 2024 17:43		JC/MD	Not Ok
6	VSTDIC100	VSTDIC100	VX043920.D	20 Nov 2024 18:06		JC/MD	Not Ok
7	VSTDIC150	VSTDIC150	VX043921.D	20 Nov 2024 18:30		JC/MD	Not Ok
8	IBLK	IBLK	VX043922.D	20 Nov 2024 18:53		JC/MD	Not Ok
9	VSTDICV050	ICVVX112124	VX043923.D	20 Nov 2024 19:16	Failed	JC/MD	Not Ok
10	BFB	BFB	VX043924.D	21 Nov 2024 08:51		JC/MD	Ok
11	VSTDIC001	VSTDIC001	VX043925.D	21 Nov 2024 09:47	%D failed for Comp. #71 in 01 PPB	JC/MD	Ok,M
12	VSTDIC005	VSTDIC005	VX043926.D	21 Nov 2024 10:14	QR- 58,71	JC/MD	Ok,M
13	VSTDIC020	VSTDIC020	VX043927.D	21 Nov 2024 10:37		JC/MD	Ok,M
14	VSTDIC050	VSTDIC050	VX043928.D	21 Nov 2024 11:17		JC/MD	Ok,M
15	VSTDIC100	VSTDIC100	VX043929.D	21 Nov 2024 11:40		JC/MD	Ok,M
16	VSTDIC150	VSTDIC150	VX043930.D	21 Nov 2024 12:03		JC/MD	Ok,M
17	IBLK	IBLK	VX043931.D	21 Nov 2024 12:27		JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX112124

Review By	John Carlone	Review On	11/21/2024 9:44:50 AM
Supervise By	Maresh Dadoda	Supervise On	11/22/2024 3:34:00 PM
SubDirectory	VX112124	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP131686,VP131690		
Initial Calibration Stds	VP131716,VP131717,VP131718,VP131719,VP131720,VP131721		
CCC	VP131691		
Internal Standard/PEM			
ICV/I.BLK	VP131722		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	VSTDICV050	ICVVX112124	VX043932.D	21 Nov 2024 13:57		JC/MD	Ok,M
19	VX1121MBL01	VX1121MBL01	VX043933.D	21 Nov 2024 14:27		JC/MD	Ok
20	VX1121WBL01	VX1121WBL01	VX043934.D	21 Nov 2024 14:50		JC/MD	Ok
21	VX1121WBS01	VX1121WBS01	VX043935.D	21 Nov 2024 15:13		JC/MD	Ok,M
22	VX1121WBSD01	VX1121WBSD01	VX043936.D	21 Nov 2024 15:40		JC/MD	Ok,M
23	P4921-01	WC-11-A-202411	VX043937.D	21 Nov 2024 16:03	vial B pH#5.0	JC/MD	Ok
24	P4934-01	TB-01-20241118	VX043938.D	21 Nov 2024 16:27	vial A pH<2 TB;	JC/MD	Ok
25	P4934-09	FB-01-20241119	VX043939.D	21 Nov 2024 16:50	vial A pH<2 FB;	JC/MD	Ok
26	P4934-11	RB-01-20241119	VX043940.D	21 Nov 2024 17:13	vial A pH<2	JC/MD	Ok
27	P4934-02	BPOW6-11-20241118	VX043941.D	21 Nov 2024 17:36	vial A pH<2	JC/MD	Ok
28	P4934-03	BPOW6-7-20241118	VX043942.D	21 Nov 2024 17:59	vial A pH<2	JC/MD	Ok
29	P4934-08	BPOW6-9-20241119	VX043943.D	21 Nov 2024 18:23	vial A pH<2	JC/MD	Ok
30	P4934-10	BPOW6-8-20241119	VX043944.D	21 Nov 2024 18:46	vial A pH<2	JC/MD	Ok
31	P4934-04	DUP-01-20241118	VX043945.D	21 Nov 2024 19:09	vial A pH<2	JC/MD	Ok
32	P4934-12	DUP-02-20241119	VX043946.D	21 Nov 2024 19:32	vial A pH<2	JC/MD	Ok
33	P4934-05	BPOW6-10-20241119	VX043947.D	21 Nov 2024 19:55	vial A pH<2	JC/MD	Ok
34	VSTDCCC050	VSTDCCC050EC	VX043948.D	21 Nov 2024 20:18		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX112724

Review By	John Carlone	Review On	12/2/2024 10:20:52 AM
Supervise By	Maresh Dadoda	Supervise On	12/2/2024 10:24:46 AM
SubDirectory	VX112724	HP Acquire Method	HP Processing Method 82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP131824
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131825,VP131826

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044023.D	27 Nov 2024 07:52		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX044024.D	27 Nov 2024 08:46	V13516	JC/MD	Ok,M
3	VX1127MBL01	VX1127MBL01	VX044025.D	27 Nov 2024 09:15		JC/MD	Ok
4	VX1127WBL01	VX1127WBL01	VX044026.D	27 Nov 2024 09:38		JC/MD	Ok
5	VX1127MBS01	VX1127MBS01	VX044027.D	27 Nov 2024 10:01		JC/MD	Ok,M
6	VX1127WBS01	VX1127WBS01	VX044028.D	27 Nov 2024 10:27		JC/MD	Ok,M
7	P5006-18	TW-WTS-02	VX044029.D	27 Nov 2024 10:50		JC/MD	Ok
8	PB165270TB	PB165270TB	VX044030.D	27 Nov 2024 11:13		JC/MD	Ok
9	P5001-01	SPLP-C1-1	VX044031.D	27 Nov 2024 11:36	vial A pH#6.0 Surrogate fail;BSD failed low	JC/MD	ReRun
10	P5001-02	SPLP-C1-2	VX044032.D	27 Nov 2024 11:59	vial A pH#6.0 Surrogate fail;BSD failed low	JC/MD	ReRun
11	P5001-03	SPLP-C1-3	VX044033.D	27 Nov 2024 12:22	vial A pH#6.0 Surrogate fail;BSD failed low	JC/MD	ReRun
12	P5001-04	SPLP-C2-1	VX044034.D	27 Nov 2024 12:45	vial A pH#6.0 Surrogate fail;BSD failed low	JC/MD	ReRun
13	P5001-05	SPLP-C2-2	VX044035.D	27 Nov 2024 13:08	vial A pH#6.0 Surrogate fail;BSD failed low;Need 10X	JC/MD	Dilution
14	P5001-06	SPLP-C2-3	VX044036.D	27 Nov 2024 13:31	vial A pH#6.0 Surrogate fail;BSD failed low;Need 10X	JC/MD	Dilution
15	P5001-08	SPLP-C3-1	VX044037.D	27 Nov 2024 13:54	vial A pH#6.0 E Flag in Previous Sample;Surrogate fail;BSD failed low	JC/MD	ReRun
16	P5001-09	SPLP-C3-2	VX044038.D	27 Nov 2024 14:16	vial A pH#6.0 Surrogate fail;BSD failed low;Need 10X	JC/MD	Dilution

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX112724

Review By	John Carlone	Review On	12/2/2024 10:20:52 AM
Supervise By	Maresh Dadoda	Supervise On	12/2/2024 10:24:46 AM
SubDirectory	VX112724	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131824		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131825,VP131826		

17	P5001-10	SPLP-C3-3	VX044039.D	27 Nov 2024 14:39	vial A pH#6.0 Surrogate fail;BSD failed low;Need 10X	JC/MD	Dilution
18	P5001-11	SPLP-C4-1	VX044040.D	27 Nov 2024 15:02	vial A pH#6.0 Surrogate fail;BSD failed low	JC/MD	ReRun
19	VX1127WBSD01	VX1127WBSD01	VX044041.D	27 Nov 2024 15:25	Recovery failed low for comp. #44,60,71 and failed high for comp. #95	JC/MD	Ok,M
20	VX1127MBSD01	VX1127MBSD01	VX044042.D	27 Nov 2024 15:48		JC/MD	Ok,M
21	P4960-05	SW3	VX044043.D	27 Nov 2024 16:11		JC/MD	Ok
22	P5021-02	MW-08	VX044044.D	27 Nov 2024 16:34	vial A pH<2 BSD failed high;Run @ Lower Dilution	JC/MD	ReRun
23	P5021-01	MW-06	VX044045.D	27 Nov 2024 16:57	vial A pH<2 BSD failed high	JC/MD	ReRun
24	P5021-03	MW-10	VX044046.D	27 Nov 2024 17:20	vial A pH<2 BSD failed high	JC/MD	ReRun
25	P5021-04	MW-11	VX044047.D	27 Nov 2024 17:43	vial A pH<2 BSD failed high	JC/MD	ReRun
26	P5021-05	MW-13	VX044048.D	27 Nov 2024 18:06	vial A pH<2 BSD failed high	JC/MD	ReRun
27	P5021-06	MW-12	VX044049.D	27 Nov 2024 18:29	vial A pH<2 BSD failed high;Need 20X	JC/MD	Dilution
28	VSTDCCC050	VSTDCCC050EC	VX044050.D	27 Nov 2024 18:52		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX120224

Review By	John Carlone	Review On	12/3/2024 9:50:50 AM
Supervise By	Maresh Dadoda	Supervise On	12/3/2024 1:39:36 PM
SubDirectory	VX120224	HP Acquire Method	HP Processing Method 82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP131840
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131841,VP131842

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044051.D	02 Dec 2024 08:35		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX044052.D	02 Dec 2024 09:45	V13516	JC/MD	Ok,M
3	VX1202MBL01	VX1202MBL01	VX044053.D	02 Dec 2024 10:14		JC/MD	Ok
4	VX1202WBL01	VX1202WBL01	VX044054.D	02 Dec 2024 10:37		JC/MD	Ok
5	VX1202WBS01	VX1202WBS01	VX044055.D	02 Dec 2024 11:00		JC/MD	Ok,M
6	VX1202WBSD01	VX1202WBSD01	VX044056.D	02 Dec 2024 11:27		JC/MD	Ok,M
7	P5021-02	MW-08	VX044057.D	02 Dec 2024 11:49	vial B pH<2	JC/MD	Ok
8	P5021-06DL	MW-12DL	VX044058.D	02 Dec 2024 12:12	vial B pH<2	JC/MD	Ok
9	P5021-01	MW-06	VX044059.D	02 Dec 2024 12:35	vial B pH<2	JC/MD	Ok,M
10	P5021-03	MW-10	VX044060.D	02 Dec 2024 12:58	vial B pH<2	JC/MD	Ok
11	P5021-04	MW-11	VX044061.D	02 Dec 2024 13:21	vial B pH<2	JC/MD	Ok
12	P5021-05	MW-13	VX044062.D	02 Dec 2024 13:44	vial B pH<2	JC/MD	Ok
13	PB165251TB	PB165251TB	VX044063.D	02 Dec 2024 14:07		JC/MD	Ok
14	P4995-02	001	VX044064.D	02 Dec 2024 14:30	vial A pH#5.0	JC/MD	Ok
15	P5001-05DL	SPLP-C2-2DL	VX044065.D	02 Dec 2024 14:52	vial B pH#6.0	JC/MD	Ok
16	P5001-06DL	SPLP-C2-3DL	VX044066.D	02 Dec 2024 15:15	vial B pH#6.0	JC/MD	Ok
17	P5001-09DL	SPLP-C3-2DL	VX044067.D	02 Dec 2024 15:38	vial B pH#6.0	JC/MD	Ok
18	P5001-10DL	SPLP-C3-3DL	VX044068.D	02 Dec 2024 16:01	vial B pH#6.0	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX120224

Review By	John Carlone	Review On	12/3/2024 9:50:50 AM				
Supervise By	Maresh Dadoda	Supervise On	12/3/2024 1:39:36 PM				
SubDirectory	VX120224	HP Acquire Method	HP Processing Method		82X112124W.M		
STD. NAME		STD REF.#					
Tune/Reschk Initial Calibration Stds		VP131840					
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard		VP131841,VP131842					

19	P5001-01RE	SPLP-C1-1RE	VX044069.D	02 Dec 2024 16:24	vial B pH#6.0 Surrogate fail	JC/MD	Confirms
20	P5001-02RE	SPLP-C1-2RE	VX044070.D	02 Dec 2024 16:47	vial B pH#6.0 Surrogate fail	JC/MD	Confirms
21	P5001-03RE	SPLP-C1-3RE	VX044071.D	02 Dec 2024 17:10	vial B pH#6.0 Surrogate fail	JC/MD	Confirms
22	P5001-04RE	SPLP-C2-1RE	VX044072.D	02 Dec 2024 17:32	vial B pH#6.0 Surrogate fail	JC/MD	Confirms
23	P5001-08RE	SPLP-C3-1RE	VX044073.D	02 Dec 2024 17:55	vial B pH#6.0 Surrogate fail	JC/MD	Confirms
24	P5001-11RE	SPLP-C4-1RE	VX044074.D	02 Dec 2024 18:18	vial B pH#6.0 Surrogate fail	JC/MD	Confirms
25	PB165299TB	PB165299TB	VX044075.D	02 Dec 2024 18:41		JC/MD	Ok
26	P5006-01	SPLP-C4-2	VX044076.D	02 Dec 2024 19:04	vial A pH#6.0 Surrogate fail	JC/MD	ReRun
27	P5006-02	SPLP-C4-3	VX044077.D	02 Dec 2024 19:27	vial A pH#6.0 Surrogate fail	JC/MD	ReRun
28	VSTDCCC050	VSTDCCC050EC	VX044078.D	02 Dec 2024 19:50		JC/MD	Ok,M

M : Manual Integration



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

P5001

COC Number: 2042105

Page 1 of 1

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Jarod Stanfield

PHONE: 570-886-0442

FAX:

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309

LOCATION: Brooklyn, NY

PROJECT MANAGER: Jarod Stanfield

E-MAIL: jstanfield@entact.com

PHONE: 570-886-0442

FAX:

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX: 5 DAYS*
HARD COPY: DAYS*
EDD 5 DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

- ☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

SPLP for VOCs

1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										
			COMP	GRAB	DATE	TIME		E									
1.	SPLP-C1-1	Soil		X	11/25	10:00	1	X									
2.	SPLP-C1-2	Soil		X	11/25	10:00	1	X									
3.	SPLP-C1-3	Soil		X	11/25	10:00	1	X									
4.	SPLP-C2-1	Soil		X	11/25	10:00	1	X									
5.	SPLP-C2-2	Soil		X	11/25	10:00	1	X									
6.	SPLP-C2-3	Soil		X	11/25	10:00	1	X									
7.	SPLP-C2-3	Soil		X	11/25	10:00	1	X									
8.	SPLP-C3-1	Soil		X	11/25	10:00	1	X									
9.	SPLP-C3-2	Soil		X	11/25	10:00	1	X									
10.	SPLP-C3-3	Soil		X	11/25	10:00	1	X									

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER
1. Jarod Stanfield

DATE/TIME

11/25 12:30

RECEIVED BY

1.

RECEIVED BY

2.

RECEIVED BY

3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant☒ Cooler Temp 3.02☐ Ice in Cooler?: _____

Comments:

RELINQUISHED BY

DATE/TIME

11-25-24 15:15

RECEIVED BY

3.

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ OvernightALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



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CHAIN OF CUSTODY RECORD

Alliance Project Number:

P5001

COC Number: 2042105

Page 2 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY Jersey City STATE: NJ ZIP: 07302

ATTENTION: Jarod Stanfield

PHONE: 570-886-0442

FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309

LOCATION: Brooklyn, NY

PROJECT MANAGER: Jarod Stanfield

E-MAIL: jstanfield@entact.com

PHONE: 570-886-0442

FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

ANALYSIS

SPLP for VOCs

10

11

12

13

14

15

16

PRESERVATIVES

COMMENTS

<- Specify Preservatives

A-HCl B-HNO3

C-H2SO4 D-NaOH

E-ICE F-Other

CHEMTECH
SAMPLE
IDPROJECT
SAMPLE IDENTIFICATIONSAMPLE
MATRIXSAMPLE
TYPESAMPLE
COLLECTION

of Bottles

COMP

GRAB

DATE

TIME

E

1

2

3

4

5

6

7

8

9

1.

SPLP-C4-1

Soil

X

11/25

10:00

1

X

2.

3.

4.

5.

6.

7.

8.

9.

10.

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER

DATE/TIME

RECEIVED BY

1. Jarod Stanfield

11/25 12:30

1.

RELINQUISHED BY

DATE/TIME

RECEIVED BY

2.

RELINQUISHED BY

DATE/TIME

RECEIVED FOR LAB BY

3.

Conditions of bottles or coolers at receipt:

☐ Compliant☐ Non Compliant

Cooler Temp 3.0°C

☐ Ice in Cooler?:

Comments:

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ OvernightALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete

☐ YES☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488