

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:	P5371	OrderDate:	12/20/2024 1:36:03 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	N23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5371-01	SPLP-C10-1-M	Water			12/20/24			12/20/24
			SPLP VOA	8260D			12/23/24	
P5371-01DL	SPLP-C10-1-MDL	Water			12/20/24			12/20/24
			SPLP VOA	8260D			12/23/24	
P5371-02	SPLP-C10-2-M	Water			12/20/24			12/20/24
			SPLP VOA	8260D			12/23/24	
P5371-02DL	SPLP-C10-2-MDL	Water			12/20/24			12/20/24
			SPLP VOA	8260D			12/23/24	
P5371-03	SPLP-C10-3-M	Water			12/20/24			12/20/24
			SPLP VOA	8260D			12/23/24	
P5371-03DL	SPLP-C10-3-MDL	Water			12/20/24			12/20/24
			SPLP VOA	8260D			12/23/24	
P5371-04	SPLP-C11-1-M	Water			12/20/24			12/20/24
			SPLP VOA	8260D			12/23/24	
P5371-04DL	SPLP-C11-1-MDL	Water			12/20/24			12/20/24
			SPLP VOA	8260D			12/23/24	
P5371-05	SPLP-C11-2-M	Water			12/20/24			12/20/24
			SPLP VOA	8260D			12/23/24	
P5371-05DL	SPLP-C11-2-MDL	Water			12/20/24			12/20/24
			SPLP VOA	8260D			12/26/24	
P5371-06	SPLP-C11-3-M	Water			12/20/24			12/20/24
			SPLP VOA	8260D			12/23/24	
P5371-06RE	SPLP-C11-3-MRE	Water			12/20/24			12/20/24

LAB CHRONICLE

			SPLP VOA	8260D	12/26/24	
P5371-07	SPLP-C12-1-M	Water			12/20/24	12/20/24
			SPLP VOA	8260D	12/23/24	
P5371-07RE	SPLP-C12-1-MRE	Water			12/20/24	12/20/24
			SPLP VOA	8260D	12/26/24	
P5371-08	SPLP-C12-2-M	Water			12/20/24	12/20/24
			SPLP VOA	8260D	12/23/24	
P5371-08RE	SPLP-C12-2-MRE	Water			12/20/24	12/20/24
			SPLP VOA	8260D	12/26/24	
P5371-09	SPLP-C12-3-M	Water			12/20/24	12/20/24
			SPLP VOA	8260D	12/23/24	
P5371-09RE	SPLP-C12-3-MRE	Water			12/20/24	12/20/24
			SPLP VOA	8260D	12/26/24	

Hit Summary Sheet SW-846

SDG No.: P5371

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: SPLP-C10-1-M								
P5371-01	SPLP-C10-1-M	WATER	Vinyl Chloride	1.20	J	0.34	5.00	ug/L
P5371-01	SPLP-C10-1-M	WATER	Acetone	18.1	J	1.40	25.0	ug/L
P5371-01	SPLP-C10-1-M	WATER	Carbon Disulfide	1.40	J	0.32	5.00	ug/L
P5371-01	SPLP-C10-1-M	WATER	cis-1,2-Dichloroethene	6.90		0.25	5.00	ug/L
P5371-01	SPLP-C10-1-M	WATER	Chloroform	4.60	J	0.26	5.00	ug/L
P5371-01	SPLP-C10-1-M	WATER	Benzene	15.7		0.16	5.00	ug/L
P5371-01	SPLP-C10-1-M	WATER	Trichloroethene	1.80	J	0.32	5.00	ug/L
P5371-01	SPLP-C10-1-M	WATER	Toluene	46.8		0.18	5.00	ug/L
P5371-01	SPLP-C10-1-M	WATER	Ethyl Benzene	160	E	0.16	5.00	ug/L
P5371-01	SPLP-C10-1-M	WATER	m/p-Xylenes	62.6		0.31	10.0	ug/L
P5371-01	SPLP-C10-1-M	WATER	o-Xylene	47.4		0.14	5.00	ug/L
P5371-01	SPLP-C10-1-M	WATER	Isopropylbenzene	7.60		0.13	5.00	ug/L
Total Voc :					374			
Total Concentration:					374			
Client ID: SPLP-C10-1-MDL								
P5371-01DL	SPLP-C10-1-MDL	WATER	Acetone	22.5	JD	5.60	100	ug/L
P5371-01DL	SPLP-C10-1-MDL	WATER	cis-1,2-Dichloroethene	8.90	JD	1.00	20.0	ug/L
P5371-01DL	SPLP-C10-1-MDL	WATER	Chloroform	5.90	JD	1.00	20.0	ug/L
P5371-01DL	SPLP-C10-1-MDL	WATER	Benzene	17.7	JD	0.64	20.0	ug/L
P5371-01DL	SPLP-C10-1-MDL	WATER	Toluene	50.8	D	0.72	20.0	ug/L
P5371-01DL	SPLP-C10-1-MDL	WATER	Ethyl Benzene	170	D	0.64	20.0	ug/L
P5371-01DL	SPLP-C10-1-MDL	WATER	m/p-Xylenes	66.4	D	1.20	40.0	ug/L
P5371-01DL	SPLP-C10-1-MDL	WATER	o-Xylene	51.9	D	0.56	20.0	ug/L
P5371-01DL	SPLP-C10-1-MDL	WATER	Isopropylbenzene	10.0	JD	0.52	20.0	ug/L
Total Voc :					404			
Total Concentration:					404			
Client ID: SPLP-C10-2-M								
P5371-02	SPLP-C10-2-M	WATER	Vinyl Chloride	1.90	J	0.34	5.00	ug/L
P5371-02	SPLP-C10-2-M	WATER	Acetone	19.5	J	1.40	25.0	ug/L
P5371-02	SPLP-C10-2-M	WATER	Carbon Disulfide	1.20	J	0.32	5.00	ug/L
P5371-02	SPLP-C10-2-M	WATER	cis-1,2-Dichloroethene	22.3		0.25	5.00	ug/L
P5371-02	SPLP-C10-2-M	WATER	Chloroform	4.30	J	0.26	5.00	ug/L
P5371-02	SPLP-C10-2-M	WATER	Benzene	97.9		0.16	5.00	ug/L
P5371-02	SPLP-C10-2-M	WATER	Trichloroethene	2.40	J	0.32	5.00	ug/L
P5371-02	SPLP-C10-2-M	WATER	Toluene	200	E	0.18	5.00	ug/L
P5371-02	SPLP-C10-2-M	WATER	Ethyl Benzene	460	E	0.16	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: P5371

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5371-02	SPLP-C10-2-M	WATER	m/p-Xylenes	180		0.31	10.0	ug/L
P5371-02	SPLP-C10-2-M	WATER	o-Xylene	130	E	0.14	5.00	ug/L
P5371-02	SPLP-C10-2-M	WATER	Isopropylbenzene	20.3		0.13	5.00	ug/L
Total Voc :				1140				
Total Concentration:				1140				
Client ID:	SPLP-C10-2-MDL							
P5371-02DL	SPLP-C10-2-MDL	WATER	cis-1,2-Dichloroethene	24.4	JD	2.50	50.0	ug/L
P5371-02DL	SPLP-C10-2-MDL	WATER	Benzene	110	D	1.60	50.0	ug/L
P5371-02DL	SPLP-C10-2-MDL	WATER	Toluene	210	D	1.80	50.0	ug/L
P5371-02DL	SPLP-C10-2-MDL	WATER	Ethyl Benzene	470	D	1.60	50.0	ug/L
P5371-02DL	SPLP-C10-2-MDL	WATER	m/p-Xylenes	190	D	3.10	100	ug/L
P5371-02DL	SPLP-C10-2-MDL	WATER	o-Xylene	130	D	1.40	50.0	ug/L
P5371-02DL	SPLP-C10-2-MDL	WATER	Isopropylbenzene	22.7	JD	1.30	50.0	ug/L
Total Voc :				1160				
Total Concentration:				1160				
Client ID:	SPLP-C10-3-M							
P5371-03	SPLP-C10-3-M	WATER	Vinyl Chloride	1.80	J	0.34	5.00	ug/L
P5371-03	SPLP-C10-3-M	WATER	Acetone	27.3		1.40	25.0	ug/L
P5371-03	SPLP-C10-3-M	WATER	cis-1,2-Dichloroethene	33.2		0.25	5.00	ug/L
P5371-03	SPLP-C10-3-M	WATER	Chloroform	3.00	J	0.26	5.00	ug/L
P5371-03	SPLP-C10-3-M	WATER	Methylcyclohexane	1.10	J	0.19	5.00	ug/L
P5371-03	SPLP-C10-3-M	WATER	Benzene	180	E	0.16	5.00	ug/L
P5371-03	SPLP-C10-3-M	WATER	Trichloroethene	3.20	J	0.32	5.00	ug/L
P5371-03	SPLP-C10-3-M	WATER	Toluene	280	E	0.18	5.00	ug/L
P5371-03	SPLP-C10-3-M	WATER	Ethyl Benzene	760	E	0.16	5.00	ug/L
P5371-03	SPLP-C10-3-M	WATER	m/p-Xylenes	270	E	0.31	10.0	ug/L
P5371-03	SPLP-C10-3-M	WATER	o-Xylene	190	E	0.14	5.00	ug/L
P5371-03	SPLP-C10-3-M	WATER	Isopropylbenzene	34.5		0.13	5.00	ug/L
Total Voc :				1780				
Total Concentration:				1780				
Client ID:	SPLP-C10-3-MDL							
P5371-03DL	SPLP-C10-3-MDL	WATER	cis-1,2-Dichloroethene	33.5	JD	5.00	100	ug/L
P5371-03DL	SPLP-C10-3-MDL	WATER	Benzene	160	D	3.20	100	ug/L
P5371-03DL	SPLP-C10-3-MDL	WATER	Toluene	250	D	3.60	100	ug/L
P5371-03DL	SPLP-C10-3-MDL	WATER	Ethyl Benzene	670	D	3.20	100	ug/L
P5371-03DL	SPLP-C10-3-MDL	WATER	m/p-Xylenes	240	D	6.20	200	ug/L
P5371-03DL	SPLP-C10-3-MDL	WATER	o-Xylene	160	D	2.80	100	ug/L
P5371-03DL	SPLP-C10-3-MDL	WATER	Isopropylbenzene	29.6	JD	2.60	100	ug/L

Hit Summary Sheet
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SDG No.: P5371

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Voc :				1540				
Total Concentration:				1540				
Client ID:	SPLP-C11-1-M							
P5371-04	SPLP-C11-1-M	WATER	Acetone	21.4	J	1.40	25.0	ug/L
P5371-04	SPLP-C11-1-M	WATER	cis-1,2-Dichloroethene	6.90		0.25	5.00	ug/L
P5371-04	SPLP-C11-1-M	WATER	Chloroform	3.60	J	0.26	5.00	ug/L
P5371-04	SPLP-C11-1-M	WATER	Benzene	19.8		0.16	5.00	ug/L
P5371-04	SPLP-C11-1-M	WATER	Trichloroethene	1.30	J	0.32	5.00	ug/L
P5371-04	SPLP-C11-1-M	WATER	Toluene	21.4		0.18	5.00	ug/L
P5371-04	SPLP-C11-1-M	WATER	Ethyl Benzene	150	E	0.16	5.00	ug/L
P5371-04	SPLP-C11-1-M	WATER	m/p-Xylenes	36.0		0.31	10.0	ug/L
P5371-04	SPLP-C11-1-M	WATER	o-Xylene	38.7		0.14	5.00	ug/L
P5371-04	SPLP-C11-1-M	WATER	Isopropylbenzene	13.7		0.13	5.00	ug/L
Total Voc :				313				
Total Concentration:				313				
Client ID:	SPLP-C11-1-MDL							
P5371-04DL	SPLP-C11-1-MDL	WATER	Acetone	27.2	JD	5.60	100	ug/L
P5371-04DL	SPLP-C11-1-MDL	WATER	cis-1,2-Dichloroethene	7.50	JD	1.00	20.0	ug/L
P5371-04DL	SPLP-C11-1-MDL	WATER	Chloroform	4.10	JD	1.00	20.0	ug/L
P5371-04DL	SPLP-C11-1-MDL	WATER	Benzene	21.3	D	0.64	20.0	ug/L
P5371-04DL	SPLP-C11-1-MDL	WATER	Toluene	22.7	D	0.72	20.0	ug/L
P5371-04DL	SPLP-C11-1-MDL	WATER	Ethyl Benzene	150	D	0.64	20.0	ug/L
P5371-04DL	SPLP-C11-1-MDL	WATER	m/p-Xylenes	37.2	JD	1.20	40.0	ug/L
P5371-04DL	SPLP-C11-1-MDL	WATER	o-Xylene	38.8	D	0.56	20.0	ug/L
P5371-04DL	SPLP-C11-1-MDL	WATER	Isopropylbenzene	13.8	JD	0.52	20.0	ug/L
Total Voc :				323				
Total Concentration:				323				
Client ID:	SPLP-C11-2-M							
P5371-05	SPLP-C11-2-M	WATER	Acetone	23.4	J	1.40	25.0	ug/L
P5371-05	SPLP-C11-2-M	WATER	cis-1,2-Dichloroethene	13.4		0.25	5.00	ug/L
P5371-05	SPLP-C11-2-M	WATER	Chloroform	3.40	J	0.26	5.00	ug/L
P5371-05	SPLP-C11-2-M	WATER	Methylcyclohexane	1.30	J	0.19	5.00	ug/L
P5371-05	SPLP-C11-2-M	WATER	Benzene	52.9		0.16	5.00	ug/L
P5371-05	SPLP-C11-2-M	WATER	Trichloroethene	1.90	J	0.32	5.00	ug/L
P5371-05	SPLP-C11-2-M	WATER	Toluene	32.3		0.18	5.00	ug/L
P5371-05	SPLP-C11-2-M	WATER	Ethyl Benzene	220	E	0.16	5.00	ug/L
P5371-05	SPLP-C11-2-M	WATER	m/p-Xylenes	49.3		0.31	10.0	ug/L
P5371-05	SPLP-C11-2-M	WATER	o-Xylene	50.3		0.14	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: P5371

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5371-05	SPLP-C11-2-M	WATER	Isopropylbenzene	16.4		0.13	5.00	ug/L
			Total Voc :			465		
			Total Concentration:			465		
Client ID:	SPLP-C11-2-MDL							
P5371-05DL	SPLP-C11-2-MDL	WATER	cis-1,2-Dichloroethene	20.4	JD	2.50	50.0	ug/L
P5371-05DL	SPLP-C11-2-MDL	WATER	Benzene	71.9	D	1.60	50.0	ug/L
P5371-05DL	SPLP-C11-2-MDL	WATER	Toluene	42.2	JD	1.80	50.0	ug/L
P5371-05DL	SPLP-C11-2-MDL	WATER	Ethyl Benzene	280	D	1.60	50.0	ug/L
P5371-05DL	SPLP-C11-2-MDL	WATER	m/p-Xylenes	62.6	JD	3.10	100	ug/L
P5371-05DL	SPLP-C11-2-MDL	WATER	o-Xylene	62.0	D	1.40	50.0	ug/L
P5371-05DL	SPLP-C11-2-MDL	WATER	Isopropylbenzene	22.5	JD	1.30	50.0	ug/L
			Total Voc :			562		
			Total Concentration:			562		
Client ID:	SPLP-C11-3-M							
P5371-06	SPLP-C11-3-M	WATER	Acetone	20.1	J	1.40	25.0	ug/L
P5371-06	SPLP-C11-3-M	WATER	cis-1,2-Dichloroethene	3.00	J	0.25	5.00	ug/L
P5371-06	SPLP-C11-3-M	WATER	Chloroform	2.70	J	0.26	5.00	ug/L
P5371-06	SPLP-C11-3-M	WATER	Benzene	4.50	J	0.16	5.00	ug/L
P5371-06	SPLP-C11-3-M	WATER	Toluene	6.80		0.18	5.00	ug/L
P5371-06	SPLP-C11-3-M	WATER	Ethyl Benzene	41.1		0.16	5.00	ug/L
P5371-06	SPLP-C11-3-M	WATER	m/p-Xylenes	11.0		0.31	10.0	ug/L
P5371-06	SPLP-C11-3-M	WATER	o-Xylene	11.4		0.14	5.00	ug/L
P5371-06	SPLP-C11-3-M	WATER	Isopropylbenzene	4.10	J	0.13	5.00	ug/L
			Total Voc :			105		
			Total Concentration:			105		
Client ID:	SPLP-C11-3-MRE							
P5371-06RE	SPLP-C11-3-MRE	WATER	Acetone	23.7	J	1.40	25.0	ug/L
P5371-06RE	SPLP-C11-3-MRE	WATER	cis-1,2-Dichloroethene	3.00	J	0.25	5.00	ug/L
P5371-06RE	SPLP-C11-3-MRE	WATER	Chloroform	3.00	J	0.26	5.00	ug/L
P5371-06RE	SPLP-C11-3-MRE	WATER	Benzene	4.80	J	0.16	5.00	ug/L
P5371-06RE	SPLP-C11-3-MRE	WATER	Toluene	7.10		0.18	5.00	ug/L
P5371-06RE	SPLP-C11-3-MRE	WATER	Ethyl Benzene	42.4		0.16	5.00	ug/L
P5371-06RE	SPLP-C11-3-MRE	WATER	m/p-Xylenes	11.3		0.31	10.0	ug/L
P5371-06RE	SPLP-C11-3-MRE	WATER	o-Xylene	11.3		0.14	5.00	ug/L
P5371-06RE	SPLP-C11-3-MRE	WATER	Isopropylbenzene	4.00	J	0.13	5.00	ug/L
			Total Voc :			111		
			Total Concentration:			111		
Client ID:	SPLP-C12-1-M							

Hit Summary Sheet
SW-846

SDG No.: P5371

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5371-07	SPLP-C12-1-M	WATER	Acetone	28.5		1.40	25.0	ug/L
P5371-07	SPLP-C12-1-M	WATER	cis-1,2-Dichloroethene	6.60		0.25	5.00	ug/L
P5371-07	SPLP-C12-1-M	WATER	Chloroform	2.80	J	0.26	5.00	ug/L
P5371-07	SPLP-C12-1-M	WATER	Benzene	4.50	J	0.16	5.00	ug/L
P5371-07	SPLP-C12-1-M	WATER	Trichloroethene	1.90	J	0.32	5.00	ug/L
P5371-07	SPLP-C12-1-M	WATER	Toluene	5.00		0.18	5.00	ug/L
P5371-07	SPLP-C12-1-M	WATER	Ethyl Benzene	19.6		0.16	5.00	ug/L
P5371-07	SPLP-C12-1-M	WATER	m/p-Xylenes	6.60	J	0.31	10.0	ug/L
P5371-07	SPLP-C12-1-M	WATER	o-Xylene	6.80		0.14	5.00	ug/L
P5371-07	SPLP-C12-1-M	WATER	Isopropylbenzene	1.70	J	0.13	5.00	ug/L
Total Voc :				84.0				
Total Concentration:				84.0				
Client ID:	SPLP-C12-1-MRE							
P5371-07RE	SPLP-C12-1-MRE	WATER	Acetone	31.6		1.40	25.0	ug/L
P5371-07RE	SPLP-C12-1-MRE	WATER	2-Butanone	5.20	J	1.30	25.0	ug/L
P5371-07RE	SPLP-C12-1-MRE	WATER	cis-1,2-Dichloroethene	6.60		0.25	5.00	ug/L
P5371-07RE	SPLP-C12-1-MRE	WATER	Chloroform	3.00	J	0.26	5.00	ug/L
P5371-07RE	SPLP-C12-1-MRE	WATER	Benzene	4.70	J	0.16	5.00	ug/L
P5371-07RE	SPLP-C12-1-MRE	WATER	Trichloroethene	2.00	J	0.32	5.00	ug/L
P5371-07RE	SPLP-C12-1-MRE	WATER	Toluene	5.20		0.18	5.00	ug/L
P5371-07RE	SPLP-C12-1-MRE	WATER	Ethyl Benzene	20.4		0.16	5.00	ug/L
P5371-07RE	SPLP-C12-1-MRE	WATER	m/p-Xylenes	7.00	J	0.31	10.0	ug/L
P5371-07RE	SPLP-C12-1-MRE	WATER	o-Xylene	6.70		0.14	5.00	ug/L
P5371-07RE	SPLP-C12-1-MRE	WATER	Isopropylbenzene	1.80	J	0.13	5.00	ug/L
Total Voc :				94.2				
Total Concentration:				94.2				
Client ID:	SPLP-C12-2-M							
P5371-08	SPLP-C12-2-M	WATER	Acetone	20.7	J	1.40	25.0	ug/L
P5371-08	SPLP-C12-2-M	WATER	cis-1,2-Dichloroethene	5.50		0.25	5.00	ug/L
P5371-08	SPLP-C12-2-M	WATER	Chloroform	3.00	J	0.26	5.00	ug/L
P5371-08	SPLP-C12-2-M	WATER	Benzene	9.60		0.16	5.00	ug/L
P5371-08	SPLP-C12-2-M	WATER	Trichloroethene	1.10	J	0.32	5.00	ug/L
P5371-08	SPLP-C12-2-M	WATER	Toluene	15.0		0.18	5.00	ug/L
P5371-08	SPLP-C12-2-M	WATER	Ethyl Benzene	75.3		0.16	5.00	ug/L
P5371-08	SPLP-C12-2-M	WATER	m/p-Xylenes	23.6		0.31	10.0	ug/L
P5371-08	SPLP-C12-2-M	WATER	o-Xylene	22.1		0.14	5.00	ug/L
P5371-08	SPLP-C12-2-M	WATER	Isopropylbenzene	6.30		0.13	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: P5371

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Voc :				182				
Total Concentration:				182				
Client ID:	SPLP-C12-2-MRE							
P5371-08RE	SPLP-C12-2-MRE	WATER	Acetone	23.5	J	1.40	25.0	ug/L
P5371-08RE	SPLP-C12-2-MRE	WATER	cis-1,2-Dichloroethene	5.40		0.25	5.00	ug/L
P5371-08RE	SPLP-C12-2-MRE	WATER	Chloroform	3.20	J	0.26	5.00	ug/L
P5371-08RE	SPLP-C12-2-MRE	WATER	Benzene	9.40		0.16	5.00	ug/L
P5371-08RE	SPLP-C12-2-MRE	WATER	Toluene	14.7		0.18	5.00	ug/L
P5371-08RE	SPLP-C12-2-MRE	WATER	Ethyl Benzene	72.7		0.16	5.00	ug/L
P5371-08RE	SPLP-C12-2-MRE	WATER	m/p-Xylenes	22.6		0.31	10.0	ug/L
P5371-08RE	SPLP-C12-2-MRE	WATER	o-Xylene	20.8		0.14	5.00	ug/L
P5371-08RE	SPLP-C12-2-MRE	WATER	Isopropylbenzene	6.00		0.13	5.00	ug/L
Total Voc :				178				
Total Concentration:				178				
Client ID:	SPLP-C12-3-M							
P5371-09	SPLP-C12-3-M	WATER	Acetone	21.3	J	1.40	25.0	ug/L
P5371-09	SPLP-C12-3-M	WATER	cis-1,2-Dichloroethene	4.60	J	0.25	5.00	ug/L
P5371-09	SPLP-C12-3-M	WATER	Chloroform	5.30		0.26	5.00	ug/L
P5371-09	SPLP-C12-3-M	WATER	Benzene	9.00		0.16	5.00	ug/L
P5371-09	SPLP-C12-3-M	WATER	Toluene	15.7		0.18	5.00	ug/L
P5371-09	SPLP-C12-3-M	WATER	Ethyl Benzene	81.3		0.16	5.00	ug/L
P5371-09	SPLP-C12-3-M	WATER	m/p-Xylenes	25.8		0.31	10.0	ug/L
P5371-09	SPLP-C12-3-M	WATER	o-Xylene	23.9		0.14	5.00	ug/L
P5371-09	SPLP-C12-3-M	WATER	Isopropylbenzene	6.80		0.13	5.00	ug/L
Total Voc :				194				
Total Concentration:				194				
Client ID:	SPLP-C12-3-MRE							
P5371-09RE	SPLP-C12-3-MRE	WATER	Acetone	24.8	J	1.40	25.0	ug/L
P5371-09RE	SPLP-C12-3-MRE	WATER	cis-1,2-Dichloroethene	4.80	J	0.25	5.00	ug/L
P5371-09RE	SPLP-C12-3-MRE	WATER	Chloroform	5.40		0.26	5.00	ug/L
P5371-09RE	SPLP-C12-3-MRE	WATER	Benzene	9.50		0.16	5.00	ug/L
P5371-09RE	SPLP-C12-3-MRE	WATER	Toluene	16.8		0.18	5.00	ug/L
P5371-09RE	SPLP-C12-3-MRE	WATER	Ethyl Benzene	83.9		0.16	5.00	ug/L
P5371-09RE	SPLP-C12-3-MRE	WATER	m/p-Xylenes	26.4		0.31	10.0	ug/L
P5371-09RE	SPLP-C12-3-MRE	WATER	o-Xylene	25.4		0.14	5.00	ug/L
P5371-09RE	SPLP-C12-3-MRE	WATER	Isopropylbenzene	7.00		0.13	5.00	ug/L
Total Voc :				204				
Total Concentration:				204				

Hit Summary Sheet
SW-846

SDG No.: P5371

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units



QC SUMMARY

Surrogate Summary

SDG No.: **P5371**

Client: **ENTACT**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P5371-01	SPLP-C10-1-M	1,2-Dichloroethane-d4	50	46.7	93	70 (74)	130 (125)
		Dibromofluoromethane	50	37.6	75	70 (75)	130 (124)
		Toluene-d8	50	48.0	96	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.5	101	70 (77)	130 (121)
P5371-01DL	SPLP-C10-1-MDL	1,2-Dichloroethane-d4	50	44.0	88	70 (74)	130 (125)
		Dibromofluoromethane	50	45.1	90	70 (75)	130 (124)
		Toluene-d8	50	48.5	97	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.6	99	70 (77)	130 (121)
P5371-02	SPLP-C10-2-M	1,2-Dichloroethane-d4	50	42.7	85	70 (74)	130 (125)
		Dibromofluoromethane	50	32.9	66 *	70 (75)	130 (124)
		Toluene-d8	50	47.0	94	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.1	100	70 (77)	130 (121)
P5371-02DL	SPLP-C10-2-MDL	1,2-Dichloroethane-d4	50	42.4	85	70 (74)	130 (125)
		Dibromofluoromethane	50	45.4	91	70 (75)	130 (124)
		Toluene-d8	50	47.7	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.1	96	70 (77)	130 (121)
P5371-03	SPLP-C10-3-M	1,2-Dichloroethane-d4	50	41.4	83	70 (74)	130 (125)
		Dibromofluoromethane	50	32.7	65 *	70 (75)	130 (124)
		Toluene-d8	50	47.9	96	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.1	104	70 (77)	130 (121)
P5371-03DL	SPLP-C10-3-MDL	1,2-Dichloroethane-d4	50	43.1	86	70 (74)	130 (125)
		Dibromofluoromethane	50	44.5	89	70 (75)	130 (124)
		Toluene-d8	50	47.0	94	70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.4	87	70 (77)	130 (121)
P5371-04	SPLP-C11-1-M	1,2-Dichloroethane-d4	50	40.1	80	70 (74)	130 (125)
		Dibromofluoromethane	50	30.5	61 *	70 (75)	130 (124)
		Toluene-d8	50	47.3	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.1	98	70 (77)	130 (121)
P5371-04DL	SPLP-C11-1-MDL	1,2-Dichloroethane-d4	50	43.5	87	70 (74)	130 (125)
		Dibromofluoromethane	50	43.6	87	70 (75)	130 (124)
		Toluene-d8	50	47.1	94	70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.4	93	70 (77)	130 (121)
P5371-05	SPLP-C11-2-M	1,2-Dichloroethane-d4	50	40.3	81	70 (74)	130 (125)
		Dibromofluoromethane	50	31.6	63 *	70 (75)	130 (124)
		Toluene-d8	50	47.1	94	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.6	99	70 (77)	130 (121)
P5371-05DL	SPLP-C11-2-MDL	1,2-Dichloroethane-d4	50	45.8	92	70 (74)	130 (125)
		Dibromofluoromethane	50	47.5	95	70 (75)	130 (124)
		Toluene-d8	50	48.0	96	70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.6	91	70 (77)	130 (121)
P5371-06	SPLP-C11-3-M	1,2-Dichloroethane-d4	50	40.8	82	70 (74)	130 (125)
		Dibromofluoromethane	50	32.0	64 *	70 (75)	130 (124)
		Toluene-d8	50	47.4	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.0	96	70 (77)	130 (121)
P5371-06RE	SPLP-C11-3-MRE	1,2-Dichloroethane-d4	50	43.1	86	70 (74)	130 (125)
		Dibromofluoromethane	50	32.7	65 *	70 (75)	130 (124)
		Toluene-d8	50	47.9	96	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.2	98	70 (77)	130 (121)
P5371-07	SPLP-C12-1-M	1,2-Dichloroethane-d4	50	41.9	84	70 (74)	130 (125)
		Dibromofluoromethane	50	31.5	63 *	70 (75)	130 (124)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: P5371

Client: ENTACT

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P5371-07	SPLP-C12-1-M	Toluene-d8	50	46.9	94	70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.5	95	70 (77)	130 (121)
P5371-07RE	SPLP-C12-1-MRE	1,2-Dichloroethane-d4	50	44.3	88	70 (74)	130 (125)
		Dibromofluoromethane	50	30.2	60 *	70 (75)	130 (124)
		Toluene-d8	50	47.4	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.0	92	70 (77)	130 (121)
P5371-08	SPLP-C12-2-M	1,2-Dichloroethane-d4	50	42.7	85	70 (74)	130 (125)
		Dibromofluoromethane	50	30.9	62 *	70 (75)	130 (124)
		Toluene-d8	50	47.5	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.1	98	70 (77)	130 (121)
P5371-08RE	SPLP-C12-2-MRE	1,2-Dichloroethane-d4	50	44.2	88	70 (74)	130 (125)
		Dibromofluoromethane	50	30.4	61 *	70 (75)	130 (124)
		Toluene-d8	50	47.7	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.8	100	70 (77)	130 (121)
P5371-09	SPLP-C12-3-M	1,2-Dichloroethane-d4	50	42.7	85	70 (74)	130 (125)
		Dibromofluoromethane	50	31.8	64 *	70 (75)	130 (124)
		Toluene-d8	50	47.3	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.9	98	70 (77)	130 (121)
P5371-09RE	SPLP-C12-3-MRE	1,2-Dichloroethane-d4	50	43.4	87	70 (74)	130 (125)
		Dibromofluoromethane	50	32.4	65 *	70 (75)	130 (124)
		Toluene-d8	50	47.6	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.8	98	70 (77)	130 (121)
VN1223WBL01	VN1223WBL01	1,2-Dichloroethane-d4	50	49.2	98	70 (74)	130 (125)
		Dibromofluoromethane	50	49.3	99	70 (75)	130 (124)
		Toluene-d8	50	47.6	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.0	86	70 (77)	130 (121)
VN1223WBS02	VN1223WBS02	1,2-Dichloroethane-d4	50	44.9	90	70 (74)	130 (125)
		Dibromofluoromethane	50	48.8	98	70 (75)	130 (124)
		Toluene-d8	50	51.0	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.0	92	70 (77)	130 (121)
VN1223WBSD0	VN1223WBSD02	1,2-Dichloroethane-d4	50	42.8	86	70 (74)	130 (125)
		Dibromofluoromethane	50	45.8	92	70 (75)	130 (124)
		Toluene-d8	50	48.0	96	70 (86)	130 (113)
		4-Bromofluorobenzene	50	42.9	86	70 (77)	130 (121)

Surrogate Summary

SDG No.: P5371

Client: ENTACT

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
VN1226WBL01	VN1226WBL01	1,2-Dichloroethane-d4	50	44.5	89	70 (74)	130 (125)
		Dibromofluoromethane	50	46.0	92	70 (75)	130 (124)
		Toluene-d8	50	47.3	95	70 (86)	130 (113)
		4-Bromofluorobenzene	50	43.9	88	70 (77)	130 (121)
VN1226WBS01	VN1226WBS01	1,2-Dichloroethane-d4	50	44.1	88	70 (74)	130 (125)
		Dibromofluoromethane	50	46.5	93	70 (75)	130 (124)
		Toluene-d8	50	49.7	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.6	91	70 (77)	130 (121)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5371

Client: ENTACT

Analytical Method: SW8260D

Datafile : VN085290.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1223WBS02	Dichlorodifluoromethane	20	19.6	ug/L	98			40 (69)	160 (116)	
	Chloromethane	20	19.9	ug/L	100			40 (65)	160 (116)	
	Vinyl chloride	20	21.4	ug/L	107			70 (65)	130 (117)	
	Bromomethane	20	18.9	ug/L	95			40 (58)	160 (125)	
	Chloroethane	20	20.3	ug/L	102			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.7	ug/L	94			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/L	102			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.1	ug/L	96			70 (74)	130 (110)	
	Acetone	100	82.0	ug/L	82			40 (60)	160 (125)	
	Carbon disulfide	20	17.8	ug/L	89			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.6	ug/L	88			70 (78)	130 (114)	
	Methyl Acetate	20	15.8	ug/L	79			70 (67)	130 (125)	
	Methylene Chloride	20	19.5	ug/L	98			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.4	ug/L	92			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.4	ug/L	97			70 (78)	130 (112)	
	Cyclohexane	20	19.4	ug/L	97			70 (75)	130 (110)	
	2-Butanone	100	74.2	ug/L	74			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.1	ug/L	91			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.5	ug/L	93			70 (77)	130 (110)	
	Bromochloromethane	20	22.5	ug/L	113			70 (70)	130 (124)	
	Chloroform	20	17.4	ug/L	87			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	17.8	ug/L	89			70 (80)	130 (108)	
	Methylcyclohexane	20	20.2	ug/L	101			70 (72)	130 (115)	
	Benzene	20	19.8	ug/L	99			70 (82)	130 (109)	
	1,2-Dichloroethane	20	18.4	ug/L	92			70 (80)	130 (115)	
	Trichloroethene	20	20.3	ug/L	102			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.0	ug/L	100			70 (83)	130 (111)	
	Bromodichloromethane	20	18.5	ug/L	93			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	77.7	ug/L	78			40 (74)	160 (118)	
	Toluene	20	19.7	ug/L	99			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.3	ug/L	92			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.5	ug/L	98			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.3	ug/L	92			70 (83)	130 (112)	
	2-Hexanone	100	75.8	ug/L	76			40 (73)	160 (117)	
	Dibromochloromethane	20	18.5	ug/L	93			70 (82)	130 (110)	
	1,2-Dibromoethane	20	17.8	ug/L	89			70 (81)	130 (110)	
	Tetrachloroethene	20	21.3	ug/L	106			70 (67)	130 (123)	
	Chlorobenzene	20	19.8	ug/L	99			70 (82)	130 (109)	
	Ethyl Benzene	20	19.8	ug/L	99			70 (83)	130 (109)	
	m/p-Xylenes	40	40.5	ug/L	101			70 (82)	130 (110)	
	o-Xylene	20	19.9	ug/L	100			70 (83)	130 (109)	
	Styrene	20	20.2	ug/L	101			70 (80)	130 (111)	
	Bromoform	20	17.5	ug/L	88			70 (79)	130 (109)	
	Isopropylbenzene	20	20.3	ug/L	102			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	16.8	ug/L	84			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.7	ug/L	94			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.2	ug/L	96			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5371
Client: ENTACT
Analytical Method: SW8260D **Datafile :** VN085290.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1223WBS02	1,2-Dibromo-3-Chloropropane	20	14.8	ug/L	74			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	18.1	ug/L	91			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.8	ug/L	89			70 (76)	130 (114)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5371

Client: ENTACT

Analytical Method: SW8260D

Datafile : VN085302.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1223WBSD02	Dichlorodifluoromethane	20	16.2	ug/L	81	19		40 (69)	160 (116)	20 (20)
	Chloromethane	20	17.1	ug/L	86	15		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	21.0	ug/L	105	2		70 (65)	130 (117)	20 (20)
	Bromomethane	20	19.3	ug/L	97	2		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.6	ug/L	103	1		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	17.2	ug/L	86	9		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	17.7	ug/L	89	14		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	18.3	ug/L	92	4		70 (74)	130 (110)	20 (20)
	Acetone	100	69.1	ug/L	69	17		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	15.3	ug/L	77	14		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	17.7	ug/L	89	1		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	15.4	ug/L	77	3		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	17.6	ug/L	88	11		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	17.2	ug/L	86	7		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	17.3	ug/L	86	12		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	17.0	ug/L	85	13		70 (75)	130 (110)	20 (20)
	2-Butanone	100	72.0	ug/L	72	3		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	15.7	ug/L	79	14		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	17.9	ug/L	90	3		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	18.6	ug/L	93	19		70 (70)	130 (124)	20 (20)
	Chloroform	20	16.2	ug/L	81	7		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	16.4	ug/L	82	8		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	19.0	ug/L	95	6		70 (72)	130 (115)	20 (20)
	Benzene	20	17.2	ug/L	86	14		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	16.2	ug/L	81	13		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	17.8	ug/L	89	14		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	16.9	ug/L	85	16		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	16.4	ug/L	82	13		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	74.5	ug/L	75	4		40 (74)	160 (118)	20 (20)
	Toluene	20	17.7	ug/L	89	11		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	17.0	ug/L	85	8		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	17.3	ug/L	86	13		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	17.1	ug/L	86	7		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	73.6	ug/L	74	3		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	16.6	ug/L	83	11		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	16.6	ug/L	83	7		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.3	ug/L	97	9		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	18.4	ug/L	92	7		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	19.0	ug/L	95	4		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	38.1	ug/L	95	6		70 (82)	130 (110)	20 (20)
	o-Xylene	20	19.1	ug/L	96	4		70 (83)	130 (109)	20 (20)
	Styrene	20	18.8	ug/L	94	7		70 (80)	130 (111)	20 (20)
	Bromoform	20	16.3	ug/L	81	8		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	21.5	ug/L	108	6		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	16.6	ug/L	83	1		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	17.7	ug/L	89	7		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	16.8	ug/L	84	11		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	18.2	ug/L	91	5		70 (82)	130 (109)	20 (20)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5371

Client: ENTACT

Analytical Method: SW8260D

Datafile : VN085302.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1223WBSD02	1,2-Dibromo-3-Chloropropane	20	16.3	ug/L	81	9		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	17.9	ug/L	90	1		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	16.5	ug/L	83	7		70 (76)	130 (114)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5371

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VN085312.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1226WBS01	Dichlorodifluoromethane	20	17.4	ug/L	87			40 (69)	160 (116)	
	Chloromethane	20	18.9	ug/L	95			40 (65)	160 (116)	
	Vinyl chloride	20	22.4	ug/L	112			70 (65)	130 (117)	
	Bromomethane	20	21.9	ug/L	110			40 (58)	160 (125)	
	Chloroethane	20	22.9	ug/L	115			40 (56)	160 (128)	
	Trichlorofluoromethane	20	17.8	ug/L	89			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.1	ug/L	96			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.3	ug/L	97			70 (74)	130 (110)	
	Acetone	100	75.2	ug/L	75			40 (60)	160 (125)	
	Carbon disulfide	20	16.4	ug/L	82			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	18.6	ug/L	93			70 (78)	130 (114)	
	Methyl Acetate	20	15.4	ug/L	77			70 (67)	130 (125)	
	Methylene Chloride	20	19.2	ug/L	96			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.0	ug/L	90			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.2	ug/L	91			70 (78)	130 (112)	
	Cyclohexane	20	18.3	ug/L	92			70 (75)	130 (110)	
	2-Butanone	100	74.7	ug/L	75			40 (65)	160 (122)	
	Carbon Tetrachloride	20	16.8	ug/L	84			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			70 (77)	130 (110)	
	Bromochloromethane	20	21.4	ug/L	107			70 (70)	130 (124)	
	Chloroform	20	17.4	ug/L	87			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.0	ug/L	90			70 (80)	130 (108)	
	Methylcyclohexane	20	19.9	ug/L	100			70 (72)	130 (115)	
	Benzene	20	18.5	ug/L	93			70 (82)	130 (109)	
	1,2-Dichloroethane	20	16.7	ug/L	84			70 (80)	130 (115)	
	Trichloroethene	20	19.4	ug/L	97			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.5	ug/L	93			70 (83)	130 (111)	
	Bromodichloromethane	20	17.9	ug/L	90			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	75.1	ug/L	75			40 (74)	160 (118)	
	Toluene	20	18.9	ug/L	95			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.6	ug/L	93			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.6	ug/L	93			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	17.9	ug/L	90			70 (83)	130 (112)	
	2-Hexanone	100	74.9	ug/L	75			40 (73)	160 (117)	
	Dibromochloromethane	20	17.7	ug/L	89			70 (82)	130 (110)	
	1,2-Dibromoethane	20	16.9	ug/L	85			70 (81)	130 (110)	
	Tetrachloroethene	20	19.4	ug/L	97			70 (67)	130 (123)	
	Chlorobenzene	20	19.1	ug/L	96			70 (82)	130 (109)	
	Ethyl Benzene	20	19.3	ug/L	97			70 (83)	130 (109)	
	m/p-Xylenes	40	39.0	ug/L	98			70 (82)	130 (110)	
	o-Xylene	20	19.3	ug/L	97			70 (83)	130 (109)	
	Styrene	20	19.1	ug/L	96			70 (80)	130 (111)	
	Bromoform	20	16.1	ug/L	81			70 (79)	130 (109)	
	Isopropylbenzene	20	21.1	ug/L	106			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	17.2	ug/L	86			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.5	ug/L	93			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.7	ug/L	89			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.4	ug/L	97			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5371

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VN085312.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VN1226WBS01	1,2-Dibromo-3-Chloropropane	20	15.3	ug/L	77			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	18.4	ug/L	92			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.9	ug/L	90			70 (76)	130 (114)	

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN1223WBL01

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P5371

SAS No.: P5371 SDG NO.: P5371

Lab File ID: VN085288.D

Lab Sample ID: VN1223WBL01

Date Analyzed: 12/23/2024

Time Analyzed: 12:26

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN1223WBS02	VN1223WBS02	VN085290.D	12/23/2024
SPLP-C10-1-M	P5371-01	VN085293.D	12/23/2024
SPLP-C10-2-M	P5371-02	VN085294.D	12/23/2024
SPLP-C10-3-M	P5371-03	VN085295.D	12/23/2024
SPLP-C11-1-M	P5371-04	VN085296.D	12/23/2024
SPLP-C11-2-M	P5371-05	VN085297.D	12/23/2024
SPLP-C11-3-M	P5371-06	VN085298.D	12/23/2024
SPLP-C12-1-M	P5371-07	VN085299.D	12/23/2024
SPLP-C12-2-M	P5371-08	VN085300.D	12/23/2024
SPLP-C12-3-M	P5371-09	VN085301.D	12/23/2024
VN1223WBSD02	VN1223WBSD02	VN085302.D	12/23/2024
SPLP-C10-1-MDL	P5371-01DL	VN085303.D	12/23/2024
SPLP-C10-2-MDL	P5371-02DL	VN085304.D	12/23/2024
SPLP-C10-3-MDL	P5371-03DL	VN085305.D	12/23/2024
SPLP-C11-1-MDL	P5371-04DL	VN085306.D	12/23/2024

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN1226WBL01

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P5371

SAS No.: P5371 SDG NO.: P5371

Lab File ID: VN085311.D

Lab Sample ID: VN1226WBL01

Date Analyzed: 12/26/2024

Time Analyzed: 11:13

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN1226WBS01	VN1226WBS01	VN085312.D	12/26/2024
SPLP-C11-2-MDL	P5371-05DL	VN085314.D	12/26/2024
SPLP-C11-3-MRE	P5371-06RE	VN085315.D	12/26/2024
SPLP-C12-1-MRE	P5371-07RE	VN085316.D	12/26/2024
SPLP-C12-2-MRE	P5371-08RE	VN085317.D	12/26/2024
SPLP-C12-3-MRE	P5371-09RE	VN085318.D	12/26/2024

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.: P5371 SAS No.: P5371 SDG NO.: P5371
Lab File ID: VN085243.D BFB Injection Date: 12/18/2024
Instrument ID: MSVOA_N BFB Injection Time: 08:37
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.7
75	30.0 - 60.0% of mass 95	57.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.6 (0.8) 1
174	50.0 - 100.0% of mass 95	77.6
175	5.0 - 9.0% of mass 174	6.5 (8.3) 1
176	95.0 - 101.0% of mass 174	77.1 (99.4) 1
177	5.0 - 9.0% of mass 176	4.9 (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
VSTDICC100	VSTDICC100	VN085245.D	12/18/2024	11:56
VSTDICCC050	VSTDICCC050	VN085246.D	12/18/2024	12:20
VSTDICC020	VSTDICC020	VN085247.D	12/18/2024	12:44
VSTDICC010	VSTDICC010	VN085248.D	12/18/2024	13:08
VSTDICC005	VSTDICC005	VN085249.D	12/18/2024	13:33
VSTDICC001	VSTDICC001	VN085250.D	12/18/2024	13:57



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05
Lab Code: CHEM Case No.: P5371 SAS No.: P5371 SDG NO.: P5371
Lab File ID: VN085285.D BFB Injection Date: 12/23/2024
Instrument ID: MSVOA_N BFB Injection Time: 10:14
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.3
75	30.0 - 60.0% of mass 95	59
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	1.4 (1.9) 1
174	50.0 - 100.0% of mass 95	73.8
175	5.0 - 9.0% of mass 174	5.8 (7.9) 1
176	95.0 - 101.0% of mass 174	71.4 (96.8) 1
177	5.0 - 9.0% of mass 176	4.7 (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	VN085286.D	12/23/2024	11:25
VN1223WBL01	VN1223WBL01	VN085288.D	12/23/2024	12:26
VN1223WBS02	VN1223WBS02	VN085290.D	12/23/2024	13:29
SPLP-C10-1-M	P5371-01	VN085293.D	12/23/2024	14:50
SPLP-C10-2-M	P5371-02	VN085294.D	12/23/2024	15:14
SPLP-C10-3-M	P5371-03	VN085295.D	12/23/2024	15:37
SPLP-C11-1-M	P5371-04	VN085296.D	12/23/2024	16:01
SPLP-C11-2-M	P5371-05	VN085297.D	12/23/2024	16:25
SPLP-C11-3-M	P5371-06	VN085298.D	12/23/2024	16:49
SPLP-C12-1-M	P5371-07	VN085299.D	12/23/2024	17:13
SPLP-C12-2-M	P5371-08	VN085300.D	12/23/2024	17:36
SPLP-C12-3-M	P5371-09	VN085301.D	12/23/2024	18:00
VN1223WBSD02	VN1223WBSD02	VN085302.D	12/23/2024	18:24
SPLP-C10-1-MDL	P5371-01DL	VN085303.D	12/23/2024	18:47
SPLP-C10-2-MDL	P5371-02DL	VN085304.D	12/23/2024	19:11
SPLP-C10-3-MDL	P5371-03DL	VN085305.D	12/23/2024	19:35
SPLP-C11-1-MDL	P5371-04DL	VN085306.D	12/23/2024	19:59



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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.: P5371 SAS No.: P5371 SDG NO.: P5371
Lab File ID: VN085308.D BFB Injection Date: 12/26/2024
Instrument ID: MSVOA_N BFB Injection Time: 08:41
GC Column: RXI-624 ID: 0.25 (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	56.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	72.7
175	5.0 - 9.0% of mass 174	6.2 (8.6) 1
176	95.0 - 101.0% of mass 174	70.7 (97.2) 1
177	5.0 - 9.0% of mass 176	4.4 (6.3) 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
VSTDCCC050	VSTDCCC050	VN085309.D	12/26/2024	10:10
VN1226WBL01	VN1226WBL01	VN085311.D	12/26/2024	11:13
VN1226WBS01	VN1226WBS01	VN085312.D	12/26/2024	12:49
SPLP-C11-2-MDL	P5371-05DL	VN085314.D	12/26/2024	13:49
SPLP-C11-3-MRE	P5371-06RE	VN085315.D	12/26/2024	14:12
SPLP-C12-1-MRE	P5371-07RE	VN085316.D	12/26/2024	14:36
SPLP-C12-2-MRE	P5371-08RE	VN085317.D	12/26/2024	15:00
SPLP-C12-3-MRE	P5371-09RE	VN085318.D	12/26/2024	15:24

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5371 SAS No.: P5371 SDG NO.: P5371
 Lab File ID: VN085286.D Date Analyzed: 12/23/2024
 Instrument ID: MSVOA_N Time Analyzed: 11:25
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	177949	8.22	299262	9.09	263260	11.86
UPPER LIMIT	355898	8.718	598524	9.594	526520	12.359
LOWER LIMIT	88974.5	7.718	149631	8.594	131630	11.359
EPA SAMPLE NO.						
SPLP-C10-1-M	171305	8.22	315145	9.09	279146	11.86
SPLP-C10-1-MDL	129978	8.22	242088	9.10	214104	11.87
SPLP-C10-2-M	197251	8.22	350073	9.09	303609	11.86
SPLP-C10-2-MDL	152849	8.22	276135	9.09	242482	11.86
SPLP-C10-3-M	204753	8.22	354047	9.09	317295	11.86
SPLP-C10-3-MDL	153204	8.22	286168	9.09	239567	11.86
SPLP-C11-1-M	190171	8.22	333838	9.10	292239	11.86
SPLP-C11-1-MDL	147336	8.22	268390	9.10	235244	11.86
SPLP-C11-2-M	181620	8.22	322846	9.09	281172	11.86
SPLP-C11-3-M	177938	8.22	313792	9.10	274059	11.86
SPLP-C12-1-M	167201	8.22	305341	9.09	263198	11.87
SPLP-C12-2-M	162897	8.22	294714	9.09	257534	11.87
SPLP-C12-3-M	160117	8.22	295060	9.09	257975	11.86
VN1223WBL01	174137	8.22	324722	9.09	277455	11.86
VN1223WBS02	188847	8.22	320551	9.09	275426	11.86
VN1223WBSD02	146303	8.22	258425	9.09	217793	11.86

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5371 SAS No.: P5371 SDG NO.: P5371
 Lab File ID: VN085286.D Date Analyzed: 12/23/2024
 Instrument ID: MSVOA_N Time Analyzed: 11:25
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	177949	8.22	299262	9.09	263260	11.86
UPPER LIMIT	355898	8.718	598524	9.594	526520	12.359
LOWER LIMIT	88974.5	7.718	149631	8.594	131630	11.359
EPA SAMPLE NO.						

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.: P5371 SAS No.: P5371 SDG NO.: P5371
 Lab File ID: VN085286.D Date Analyzed: 12/23/2024
 Instrument ID: MSVOA_N Time Analyzed: 11:25
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	124655	13.788				
UPPER LIMIT	249310	14.288				
LOWER LIMIT	62327.5	13.288				
EPA SAMPLE NO.						
SPLP-C10-1-M	140716	13.79				
SPLP-C10-1-MDL	97477	13.79				
SPLP-C10-2-M	148469	13.79				
SPLP-C10-2-MDL	106307	13.79				
SPLP-C10-3-M	147884	13.79				
SPLP-C10-3-MDL	105508	13.79				
SPLP-C11-1-M	135857	13.79				
SPLP-C11-1-MDL	105509	13.79				
SPLP-C11-2-M	135218	13.79				
SPLP-C11-3-M	126157	13.79				
SPLP-C12-1-M	117964	13.79				
SPLP-C12-2-M	118590	13.79				
SPLP-C12-3-M	121176	13.79				
VN1223WBL01	116189	13.79				
VN1223WBS02	129719	13.79				
VN1223WBSD02	95165	13.79				

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5371 SAS No.: P5371 SDG NO.: P5371
 Lab File ID: VN085286.D Date Analyzed: 12/23/2024
 Instrument ID: MSVOA_N Time Analyzed: 11:25
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	124655	13.788				
UPPER LIMIT	249310	14.288				
LOWER LIMIT	62327.5	13.288				
EPA SAMPLE NO.						

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.: P5371 SAS No.: P5371 SDG NO.: P5371
 Lab File ID: VN085309.D Date Analyzed: 12/26/2024
 Instrument ID: MSVOA_N Time Analyzed: 10:10
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	159033	8.22	279635	9.09	241438	11.86
UPPER LIMIT	318066	8.718	559270	9.594	482876	12.359
LOWER LIMIT	79516.5	7.718	139818	8.594	120719	11.359
EPA SAMPLE NO.						
SPLP-C11-2-MDL	132134	8.22	242328	9.10	206929	11.86
SPLP-C11-3-MRE	152126	8.22	275786	9.10	242276	11.87
SPLP-C12-1-MRE	153657	8.22	277699	9.10	236786	11.86
SPLP-C12-2-MRE	149548	8.22	279987	9.10	247264	11.87
SPLP-C12-3-MRE	149058	8.22	273099	9.10	239856	11.87
VN1226WBL01	159396	8.22	294503	9.09	251735	11.86
VN1226WBS01	145338	8.22	258792	9.10	222802	11.86

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.: P5371 SAS No.: P5371 SDG NO.: P5371
 Lab File ID: VN085309.D Date Analyzed: 12/26/2024
 Instrument ID: MSVOA_N Time Analyzed: 10:10
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	111930	13.788				
UPPER LIMIT	223860	14.288				
LOWER LIMIT	55965	13.288				
EPA SAMPLE NO.						
SPLP-C11-2-MDL	87889	13.79				
SPLP-C11-3-MRE	109298	13.79				
SPLP-C12-1-MRE	104487	13.79				
SPLP-C12-2-MRE	114087	13.79				
SPLP-C12-3-MRE	110672	13.79				
VN1226WBL01	102404	13.79				
VN1226WBS01	98856	13.79				

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:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C10-1-M	SDG No.:	P5371
Lab Sample ID:	P5371-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085293.D	1		12/23/24 14:50	VN122324

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	1.20	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	18.1	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	1.40	J	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	6.90		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	4.60	J	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	15.7		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	46.8		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C10-1-M	SDG No.:	P5371
Lab Sample ID:	P5371-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085293.D	1		12/23/24 14:50	VN122324

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	160	E	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	47.4		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	7.60		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	46.7		70 (74) - 130 (125)	93%	SPK: 50
1868-53-7	Dibromofluoromethane	37.6		70 (75) - 130 (124)	75%	SPK: 50
2037-26-5	Toluene-d8	48.0		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	171000	8.218			
540-36-3	1,4-Difluorobenzene	315000	9.094			
3114-55-4	Chlorobenzene-d5	279000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C10-1-M		SDG No.:	P5371	
Lab Sample ID:	P5371-01		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085293.D	1		12/23/24 14:50	VN122324

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_N\Data\VN122324\
 Data File : VN085293.D
 Acq On : 23 Dec 2024 14:50
 Operator : JC\MD
 Sample : P5371-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C10-1-M

Quant Time: Dec 24 06:51:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	171305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	315145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	279146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140716	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	139913	46.729	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.460%
35) Dibromofluoromethane	8.159	113	83298	37.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	75.200%
50) Toluene-d8	10.565	98	388659	47.994	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.841	95	146057	50.496	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.000%

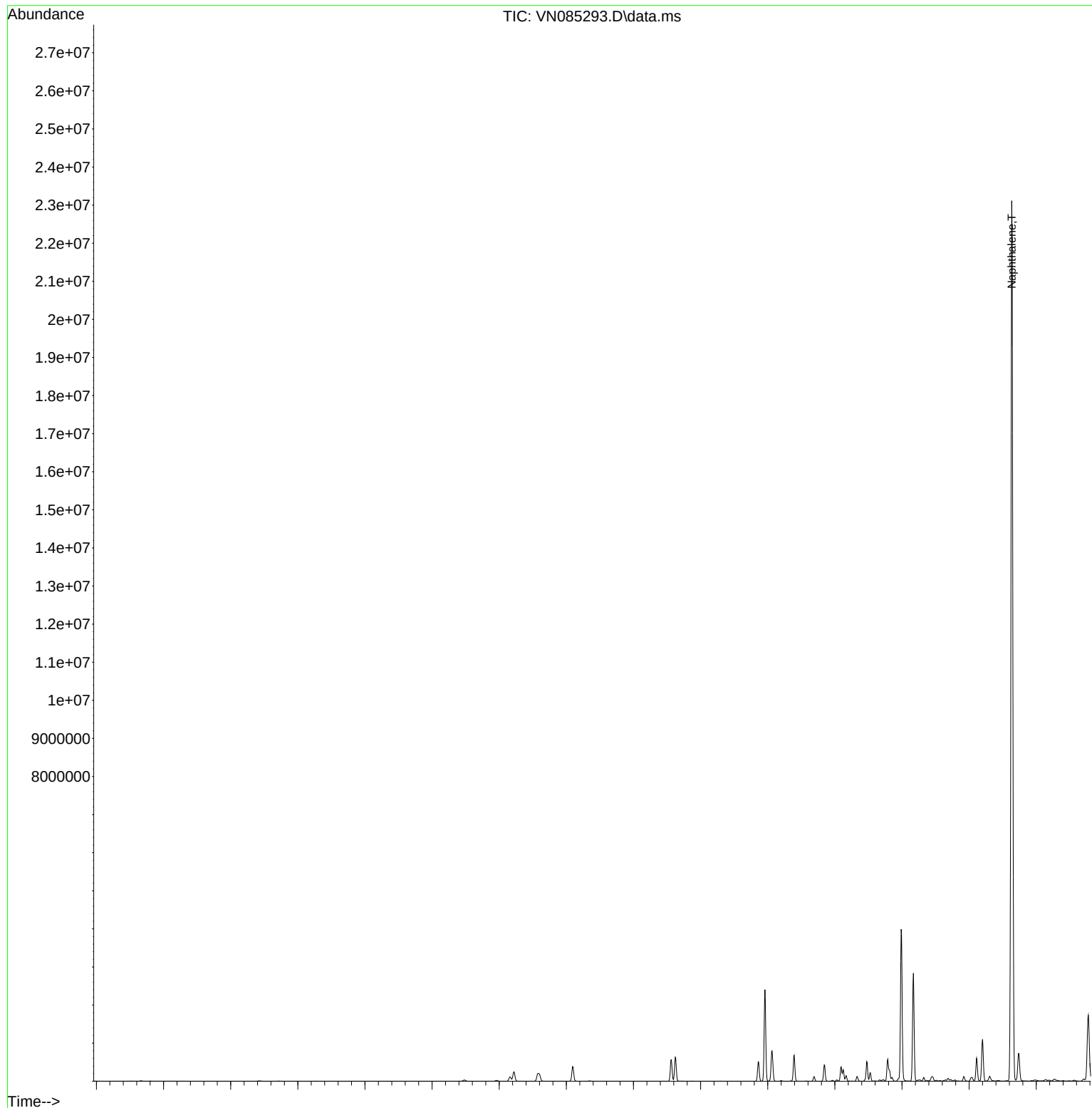
Target Compounds					Qvalue
4) Vinyl Chloride	2.512	62	2872	1.178	ug/l 94
16) Acetone	4.424	43	18670	18.064	ug/l 94
17) Carbon Disulfide	4.718	76	9092	1.363	ug/l # 89
27) cis-1,2-Dichloroethene	7.483	96	17269	6.880	ug/l 86
30) Chloroform	7.965	83	20664	4.624	ug/l 98
40) Benzene	8.600	78	150581	15.689	ug/l 97
44) Trichloroethene	9.353	130	3889	1.820	ug/l 74
52) Toluene	10.624	92	269842	46.758	ug/l 99
67) Ethyl Benzene	11.959	91	1709384	158.936	ug/l 99
68) m/p-Xylenes	12.065	106	251704	62.574	ug/l 97
69) o-Xylene	12.394	106	179166	47.386	ug/l 98
73) Isopropylbenzene	12.688	105	76715	7.557	ug/l 100
78) n-propylbenzene	13.029	91	27522	2.211	ug/l 95
80) 1,3,5-Trimethylbenzene	13.165	105	70286	8.301	ug/l 93
84) 1,2,4-Trimethylbenzene	13.476	105	275610	31.845	ug/l 98
86) p-Isopropyltoluene	13.723	119	13825	3.319	ug/l # 72
95) Naphthalene	15.635	128	18692323	2415.461	ug/l 96

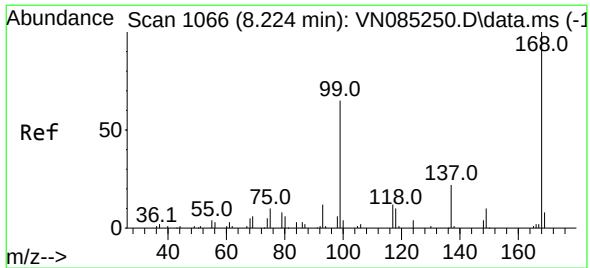
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085293.D
Acq On : 23 Dec 2024 14:50
Operator : JC\MD
Sample : P5371-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-M

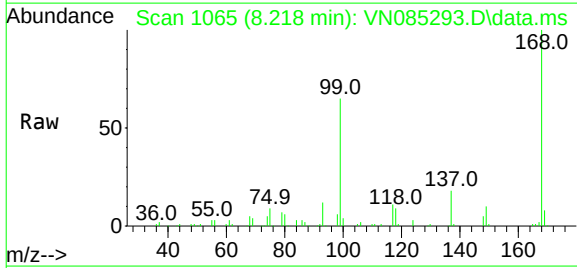
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Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



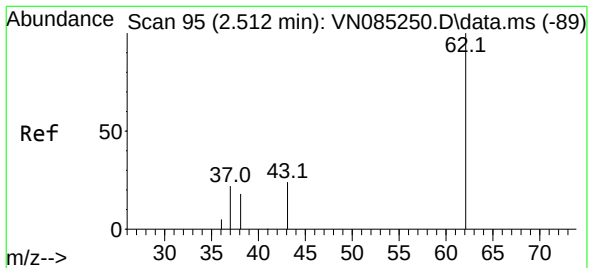
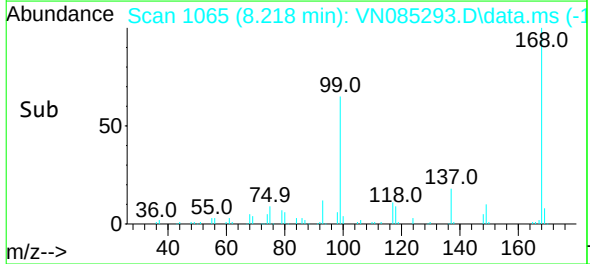
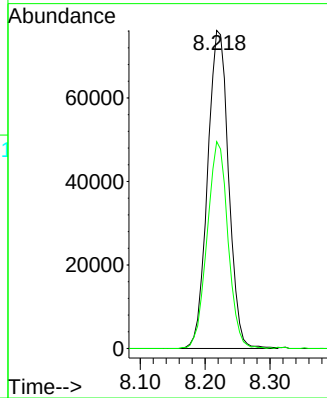


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-M

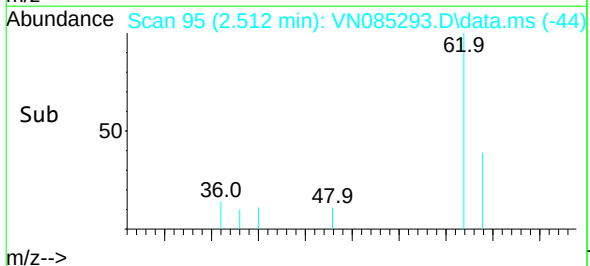
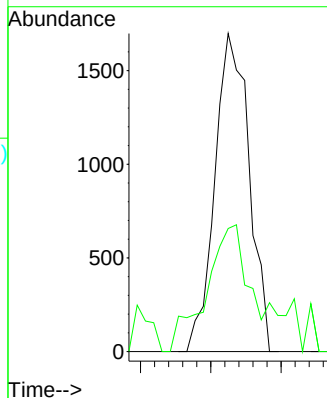
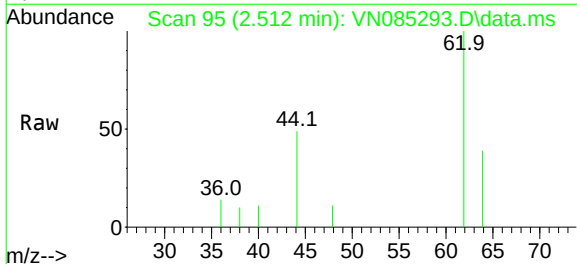


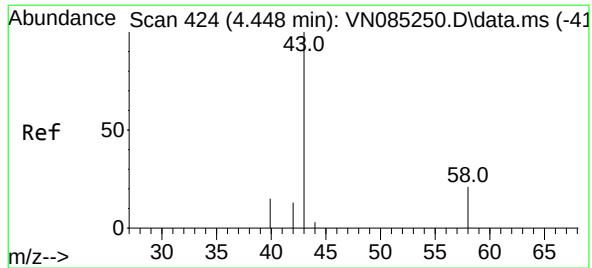
Tgt Ion: 168 Resp: 171305
Ion Ratio Lower Upper
168 100
99 65.0 50.7 76.1



#4
Vinyl Chloride
Concen: 1.178 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

Tgt Ion: 62 Resp: 2872
Ion Ratio Lower Upper
62 100
64 27.6 24.5 36.7





#16

Acetone

Concen: 18.064 ug/l

RT: 4.424 min Scan# 42

Delta R.T. -0.000 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

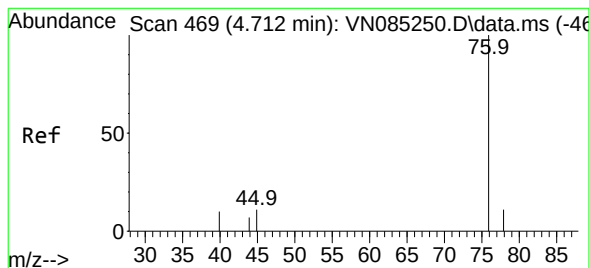
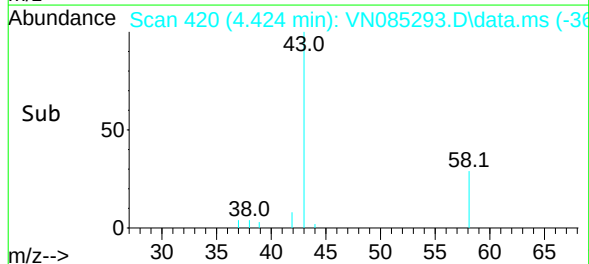
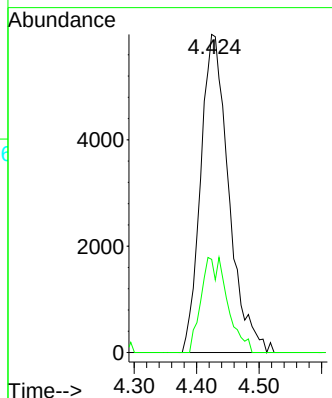
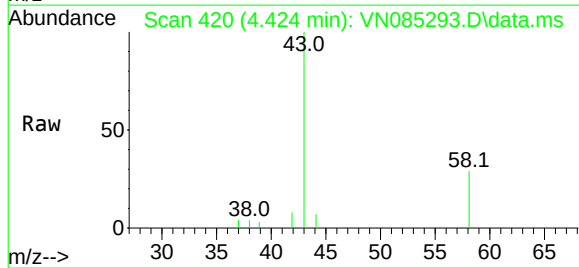
SPLP-C10-1-M

Tgt Ion: 43 Resp: 18670

Ion Ratio Lower Upper

43 100

58 29.3 20.8 31.2



#17

Carbon Disulfide

Concen: 1.363 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN085293.D

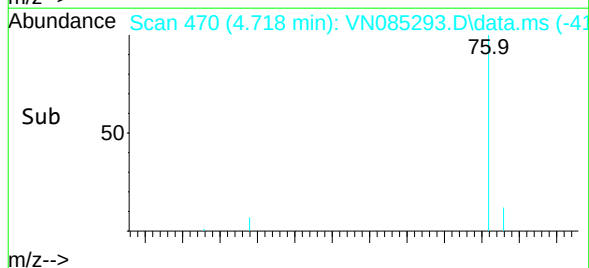
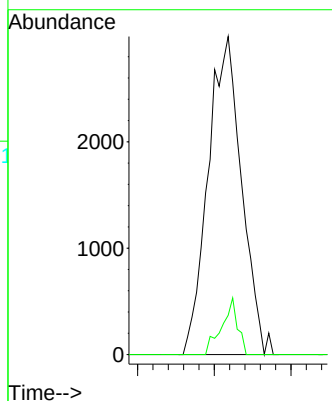
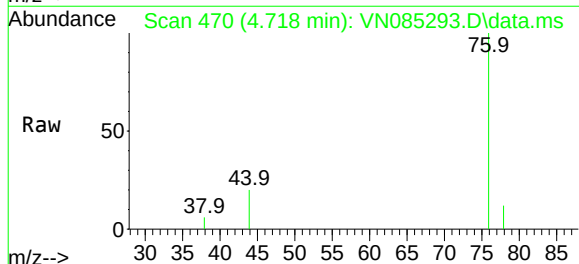
Acq: 23 Dec 2024 14:50

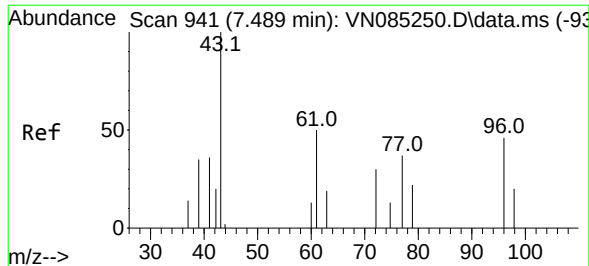
Tgt Ion: 76 Resp: 9092

Ion Ratio Lower Upper

76 100

78 12.3 6.8 10.2#

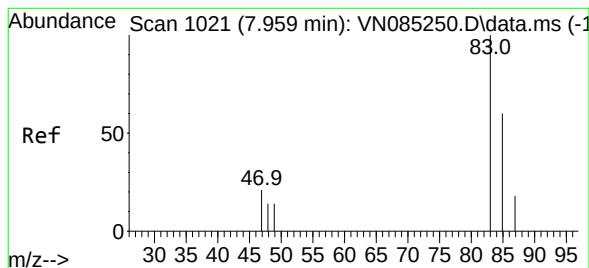
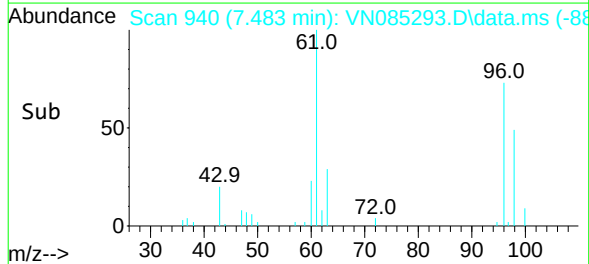
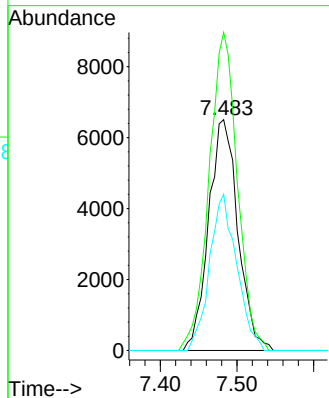
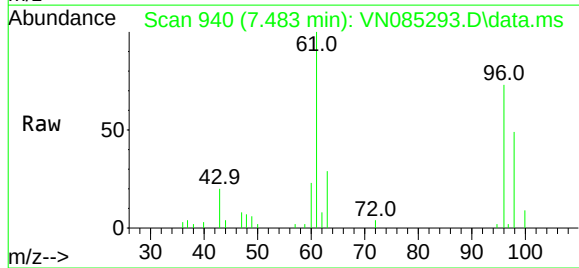




#27
 cis-1,2-Dichloroethene
 Concen: 6.880 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN085293.D
 Acq: 23 Dec 2024 14:50

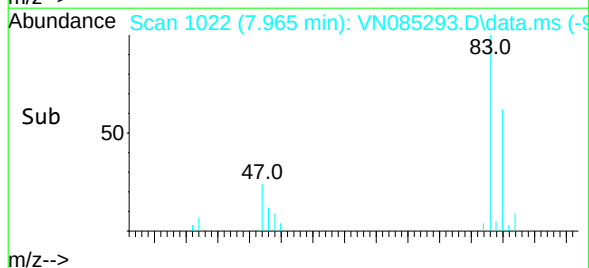
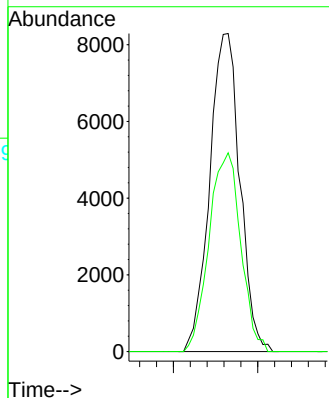
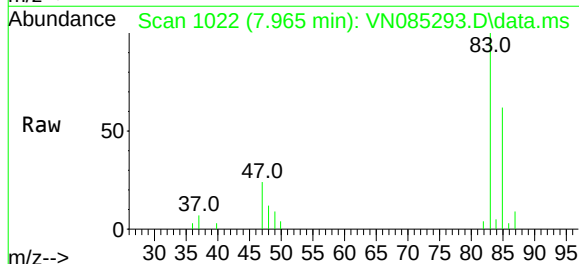
Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C10-1-M

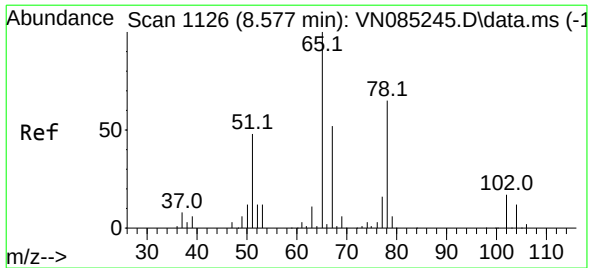
Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	316.4
98	62.7	0.0	125.4



#30
 Chloroform
 Concen: 4.624 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. -0.000 min
 Lab File: VN085293.D
 Acq: 23 Dec 2024 14:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.4	77.0





#33

1,2-Dichloroethane-d4

Concen: 46.729 ug/l

RT: 8.571 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

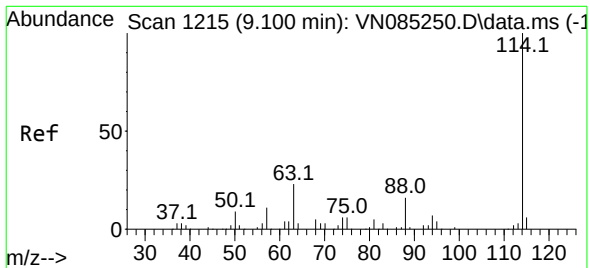
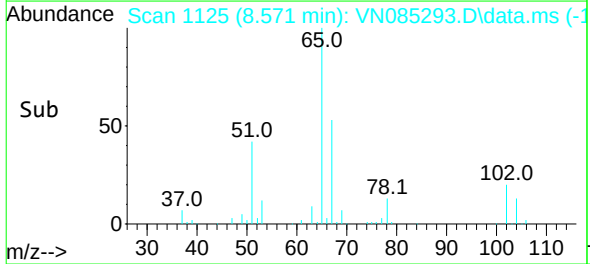
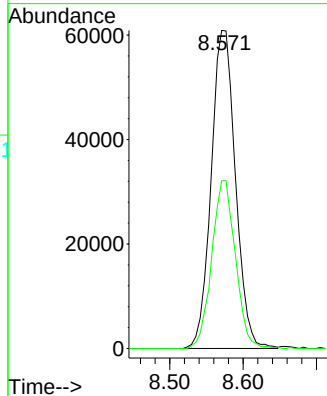
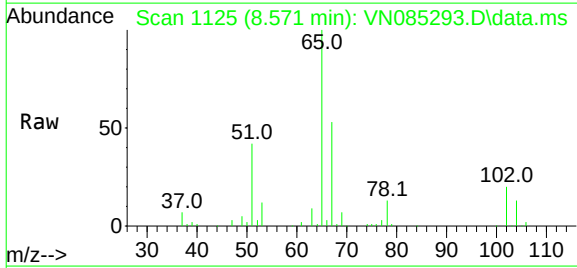
SPLP-C10-1-M

Tgt Ion: 65 Resp: 139913

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

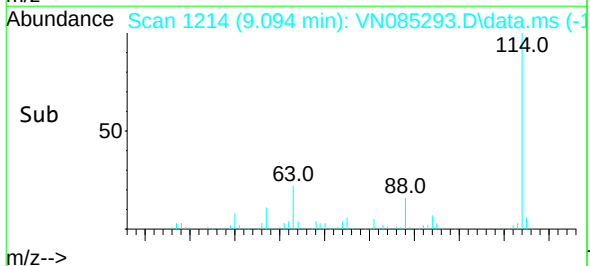
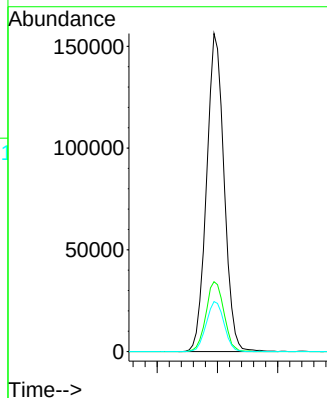
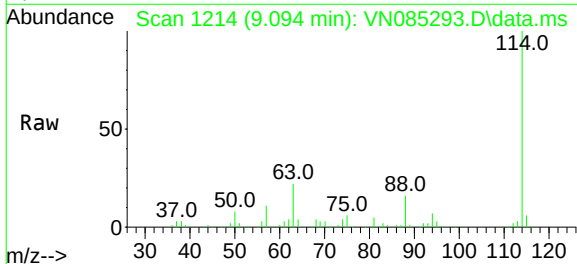
Tgt Ion: 114 Resp: 315145

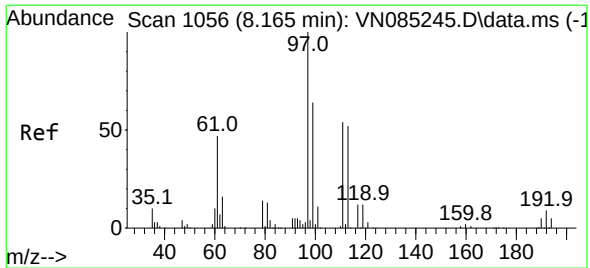
Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.2

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 37.596 ug/l

RT: 8.159 min Scan# 10

Delta R.T. -0.006 min

Lab File: VN085293.D

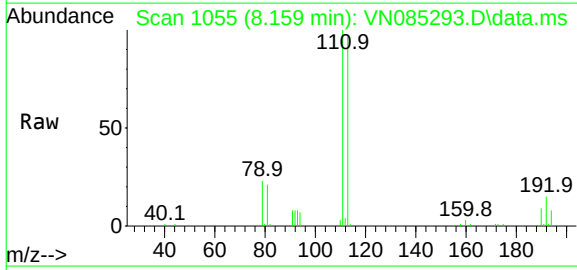
Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-1-M



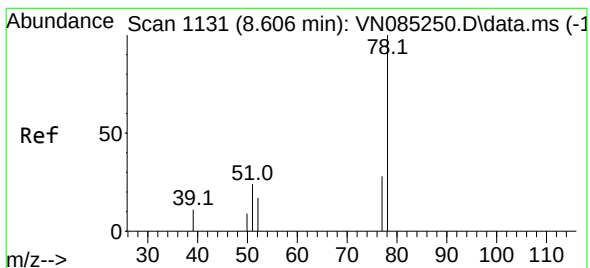
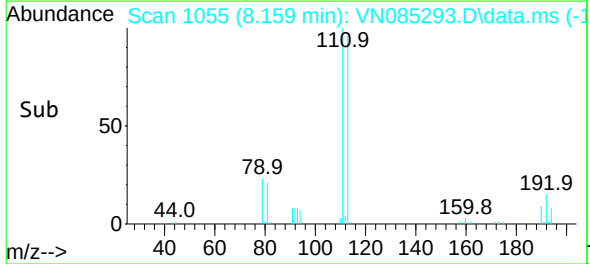
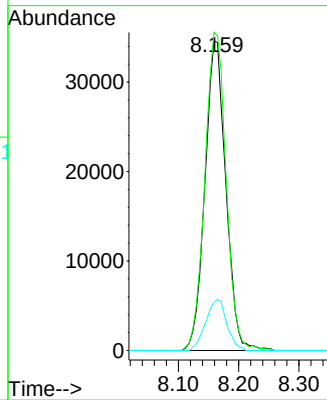
Tgt Ion:113 Resp: 83298

Ion Ratio Lower Upper

113 100

111 104.8 82.1 123.1

192 16.7 13.4 20.0



#40

Benzene

Concen: 15.689 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085293.D

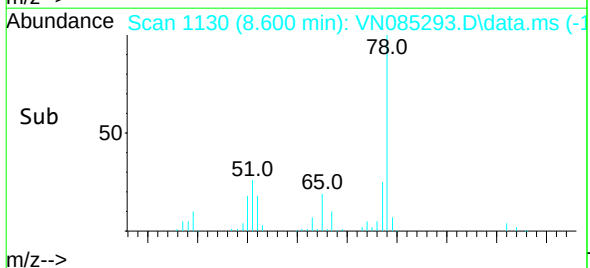
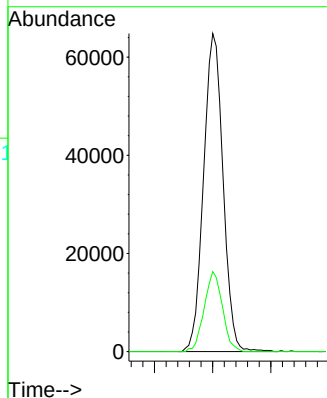
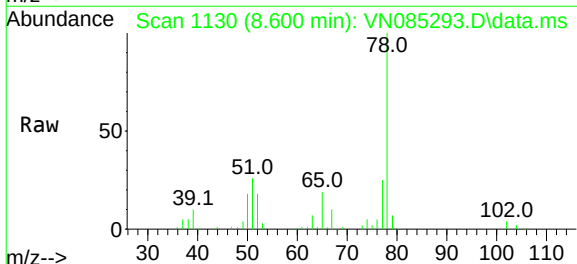
Acq: 23 Dec 2024 14:50

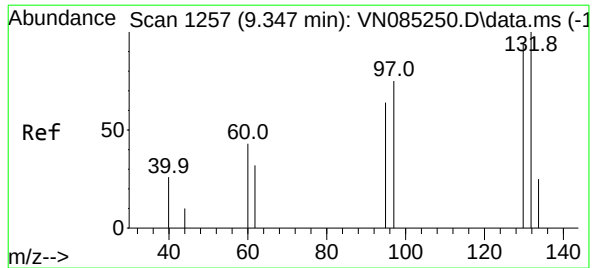
Tgt Ion: 78 Resp: 150581

Ion Ratio Lower Upper

78 100

77 25.2 18.9 28.3





#44

Trichloroethene

Concen: 1.820 ug/l

RT: 9.353 min Scan# 12

Delta R.T. 0.006 min

Lab File: VN085293.D

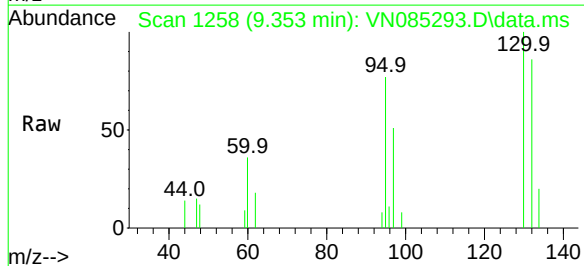
Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-1-M

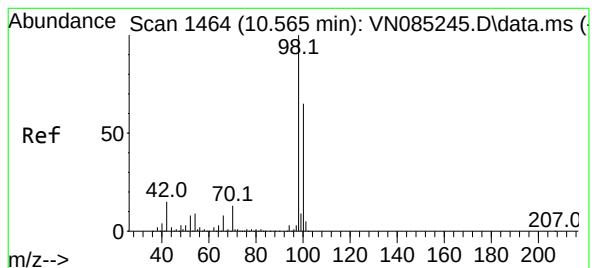
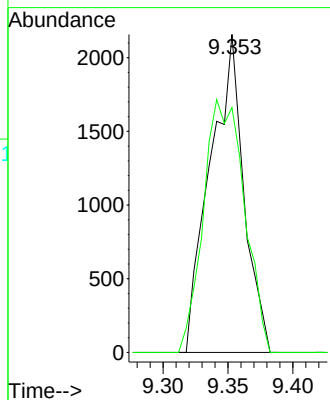
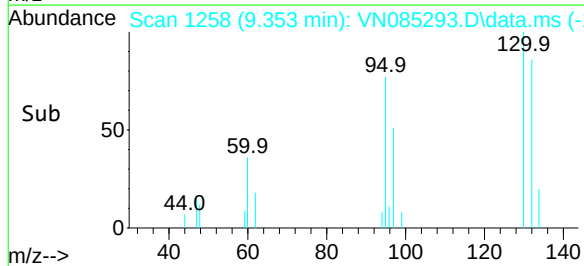


Tgt Ion:130 Resp: 3889

Ion Ratio Lower Upper

130 100

95 77.0 0.0 207.6



#50

Toluene-d8

Concen: 47.994 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085293.D

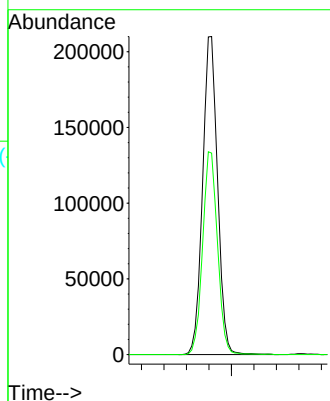
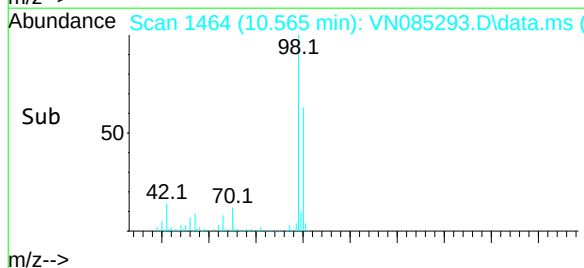
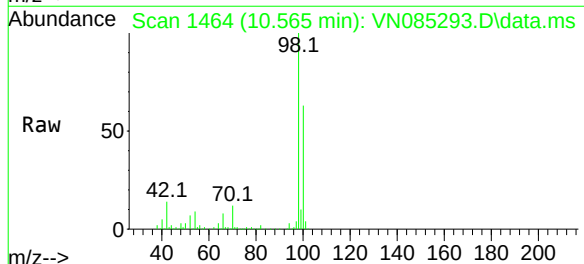
Acq: 23 Dec 2024 14:50

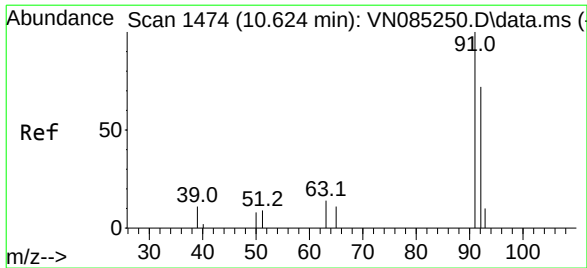
Tgt Ion: 98 Resp: 388659

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4





#52

Toluene

Concen: 46.758 ug/l

RT: 10.624 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

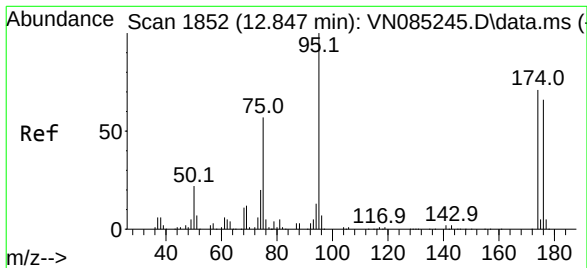
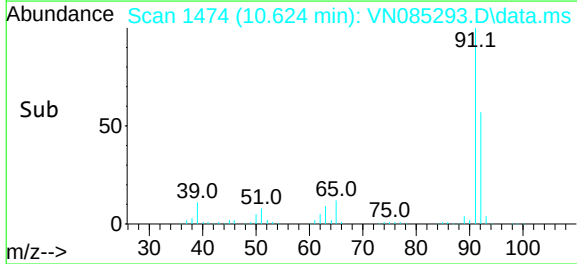
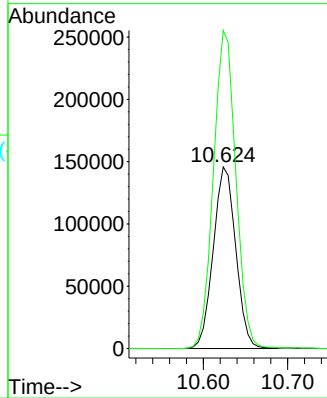
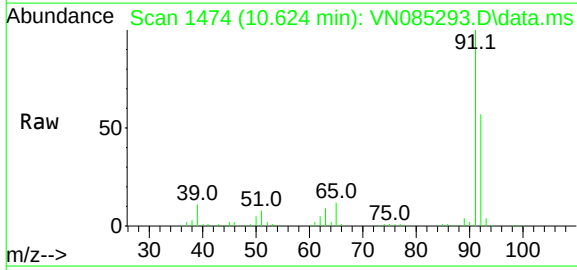
SPLP-C10-1-M

Tgt Ion: 92 Resp: 269842

Ion Ratio Lower Upper

92 100

91 175.0 138.9 208.3



#62

4-Bromofluorobenzene

Concen: 50.496 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

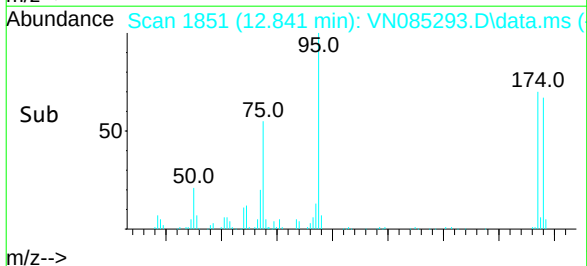
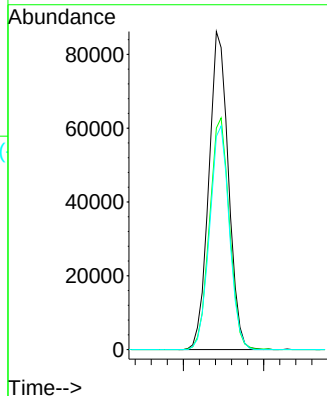
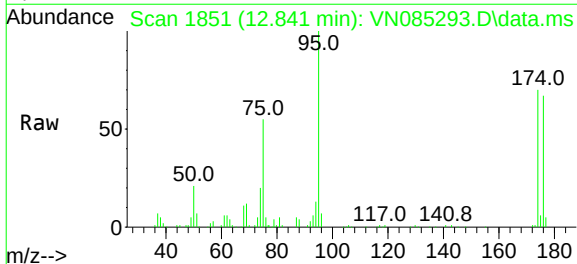
Tgt Ion: 95 Resp: 146057

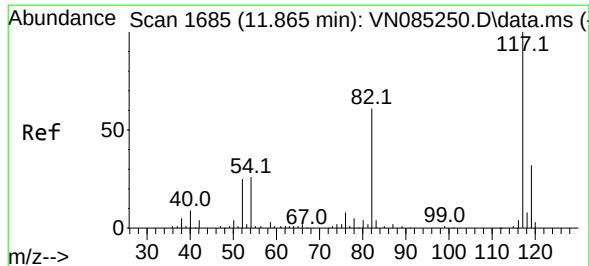
Ion Ratio Lower Upper

95 100

174 74.0 0.0 144.4

176 70.5 0.0 136.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 16

Delta R.T. -0.006 min

Lab File: VN085293.D

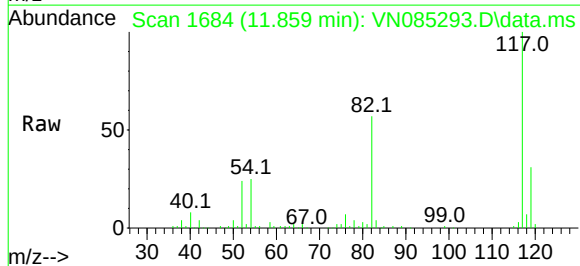
Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-1-M



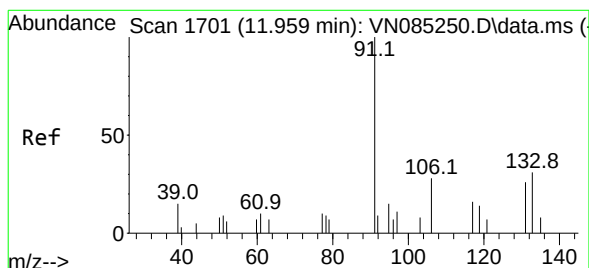
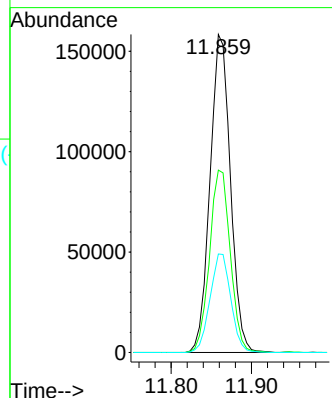
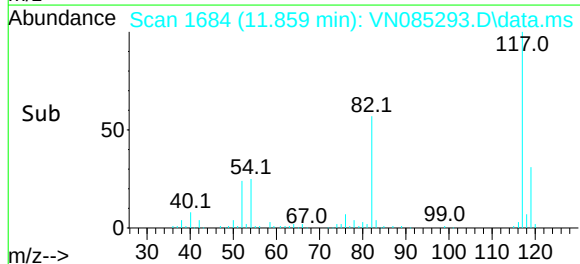
Tgt Ion:117 Resp: 279146

Ion Ratio Lower Upper

117 100

82 57.3 47.4 71.2

119 31.0 25.6 38.4



#67

Ethyl Benzene

Concen: 158.936 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085293.D

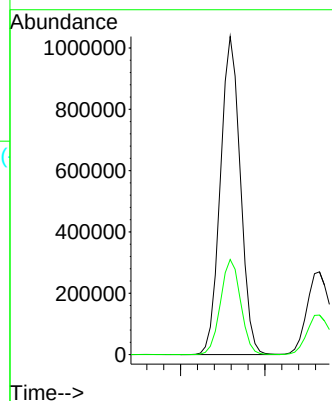
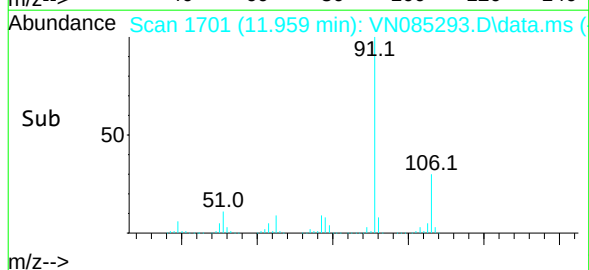
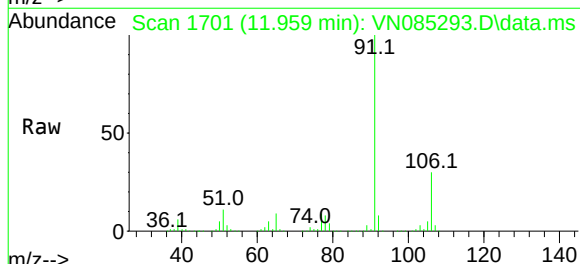
Acq: 23 Dec 2024 14:50

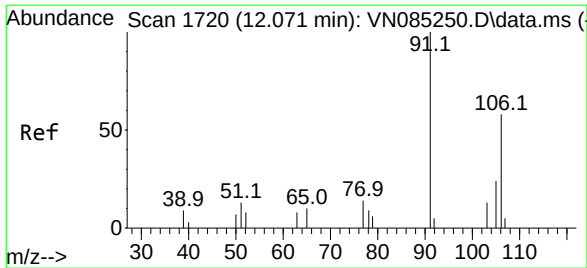
Tgt Ion: 91 Resp: 1709384

Ion Ratio Lower Upper

91 100

106 29.9 23.5 35.3





#68

m/p-Xylenes

Concen: 62.574 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

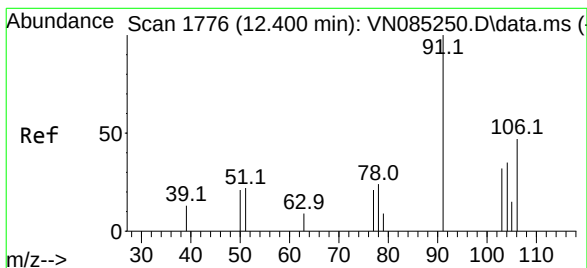
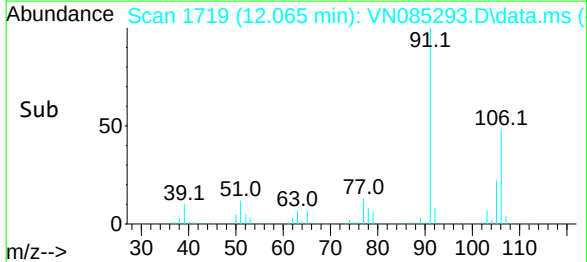
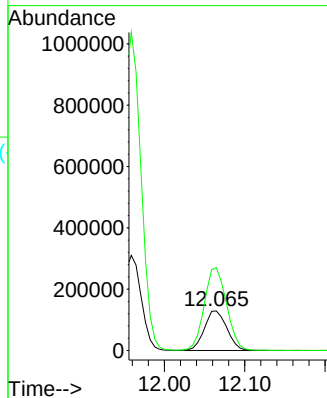
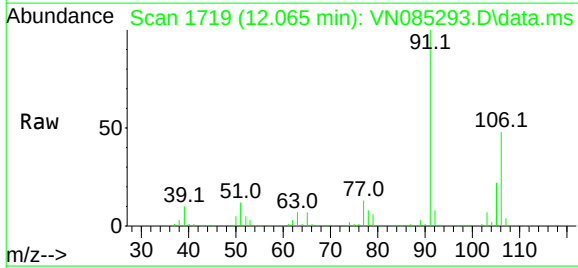
SPLP-C10-1-M

Tgt Ion:106 Resp: 251704

Ion Ratio Lower Upper

106 100

91 206.4 168.3 252.5



#69

o-Xylene

Concen: 47.386 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085293.D

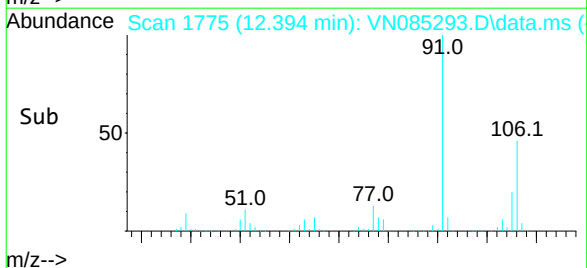
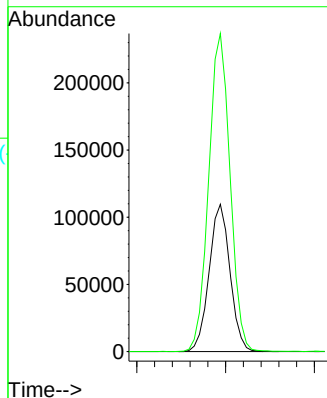
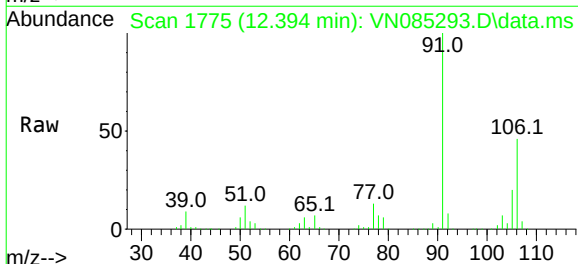
Acq: 23 Dec 2024 14:50

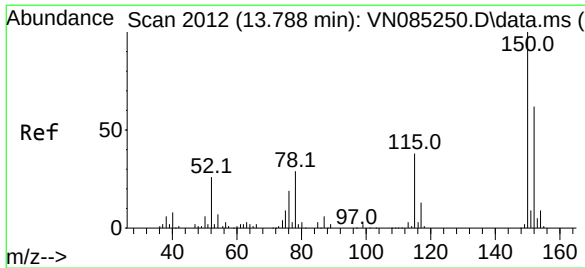
Tgt Ion:106 Resp: 179166

Ion Ratio Lower Upper

106 100

91 220.8 112.1 336.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-1-M

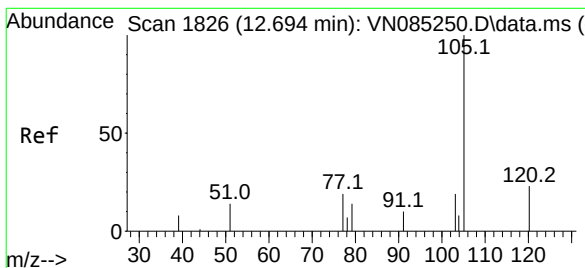
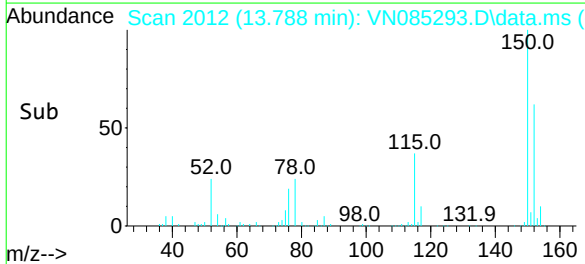
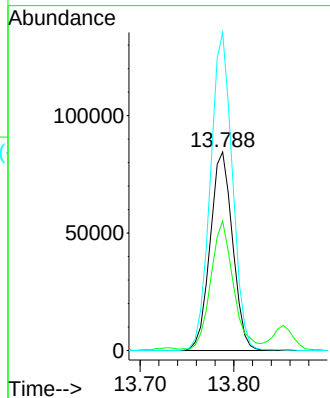
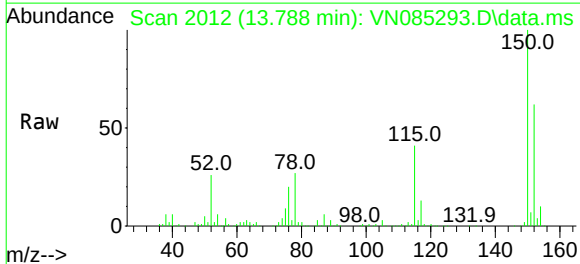
Tgt Ion:152 Resp: 140716

Ion Ratio Lower Upper

152 100

115 64.7 32.1 96.3

150 157.0 0.0 354.6



#73

Isopropylbenzene

Concen: 7.557 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.006 min

Lab File: VN085293.D

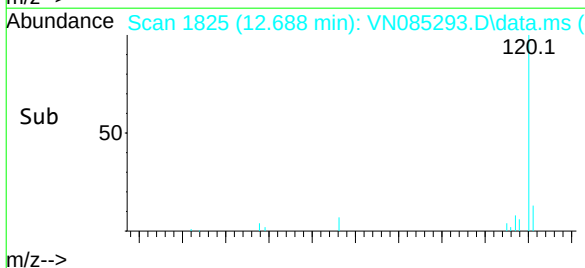
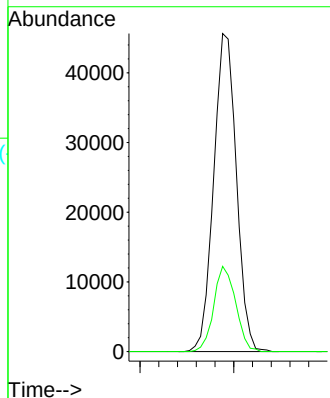
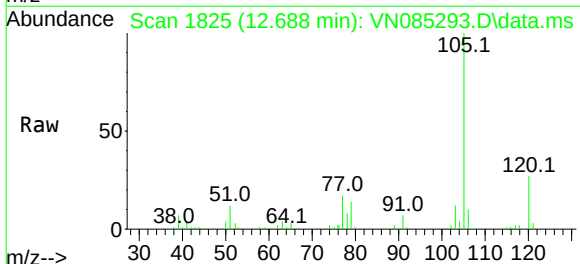
Acq: 23 Dec 2024 14:50

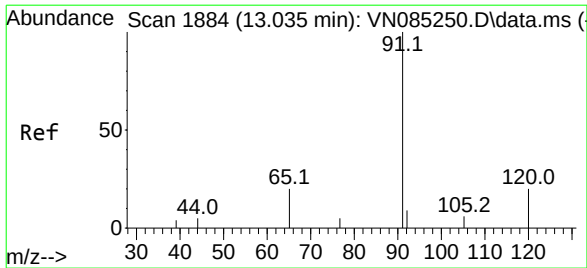
Tgt Ion:105 Resp: 76715

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9





#78

n-propylbenzene

Concen: 2.211 ug/l

RT: 13.029 min Scan# 18

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

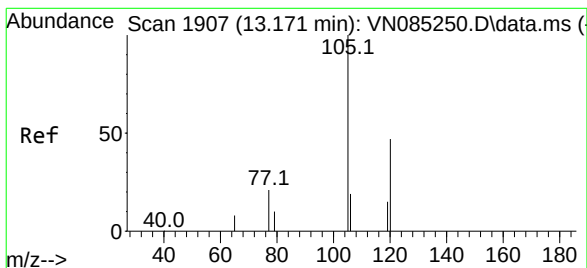
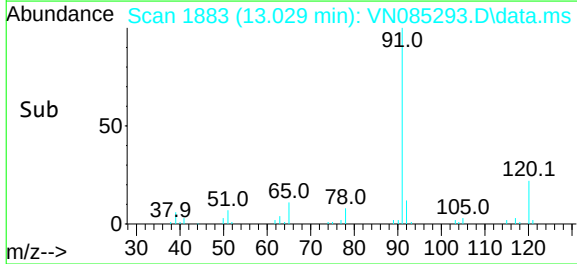
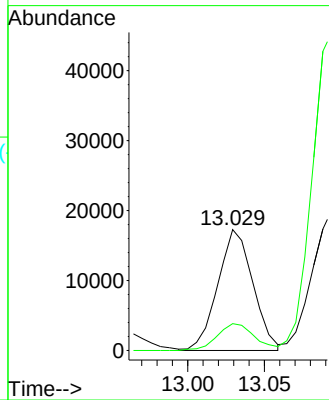
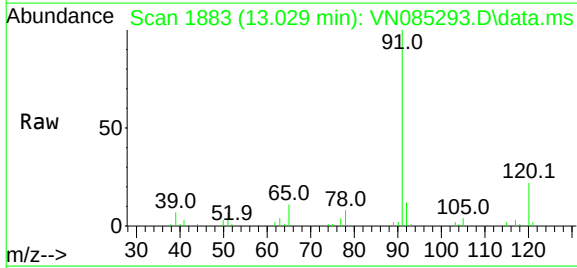
SPLP-C10-1-M

Tgt Ion: 91 Resp: 27522

Ion Ratio Lower Upper

91 100

120 23.7 10.8 32.3



#80

1,3,5-Trimethylbenzene

Concen: 8.301 ug/l

RT: 13.165 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VN085293.D

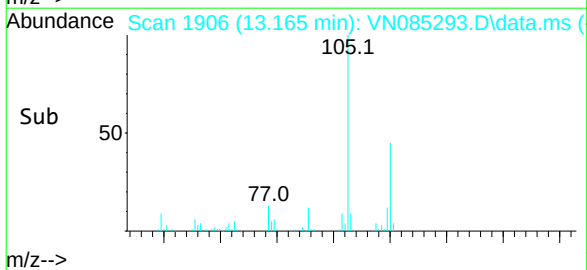
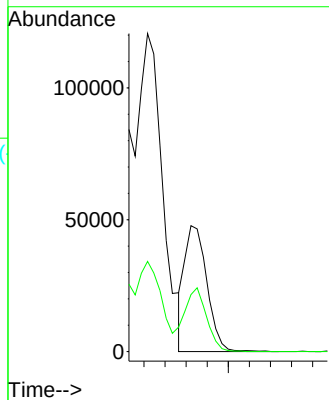
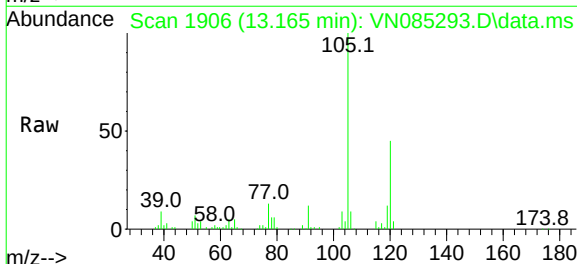
Acq: 23 Dec 2024 14:50

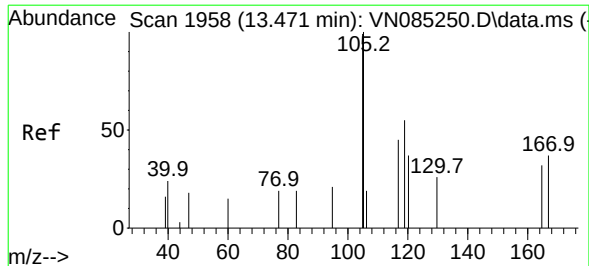
Tgt Ion: 105 Resp: 70286

Ion Ratio Lower Upper

105 100

120 51.6 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 31.845 ug/l

RT: 13.476 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

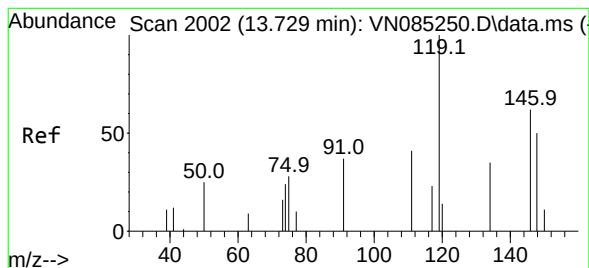
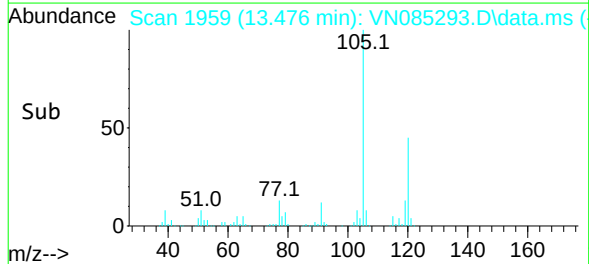
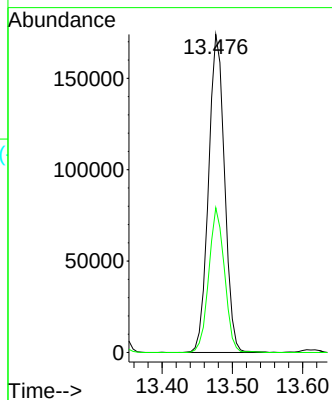
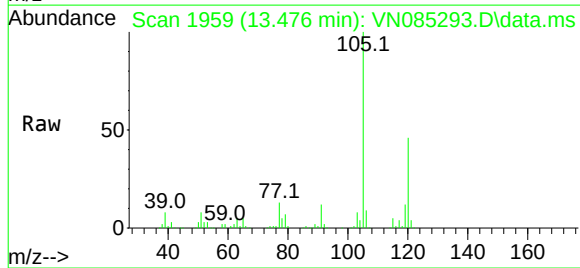
SPLP-C10-1-M

Tgt Ion:105 Resp: 275610

Ion Ratio Lower Upper

105 100

120 44.7 21.8 65.3



#86

p-Isopropyltoluene

Concen: 3.319 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

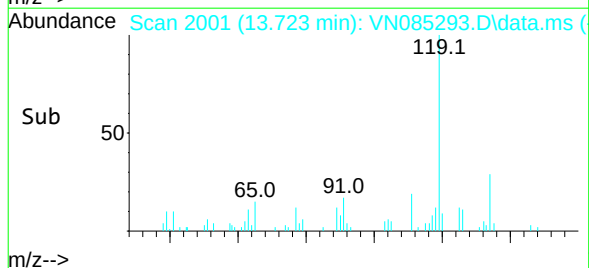
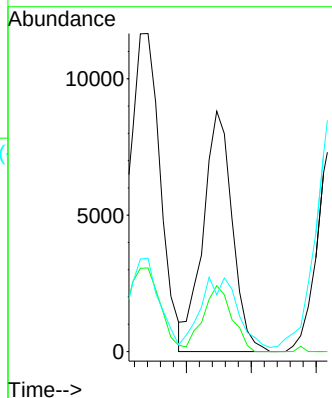
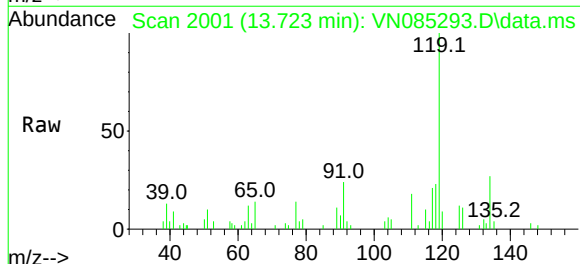
Tgt Ion:119 Resp: 13825

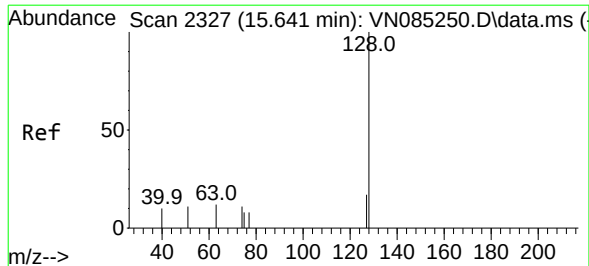
Ion Ratio Lower Upper

119 100

134 26.8 12.5 37.5

91 0.0 13.0 38.9#





#95

Naphthalene

Concen: 2415.461 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085293.D

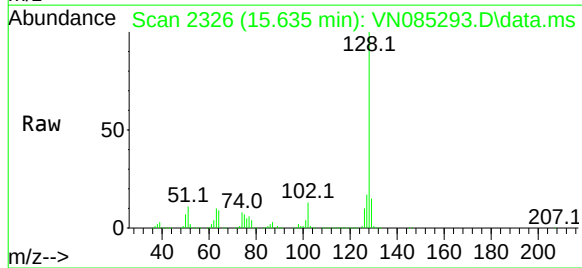
Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-1-M



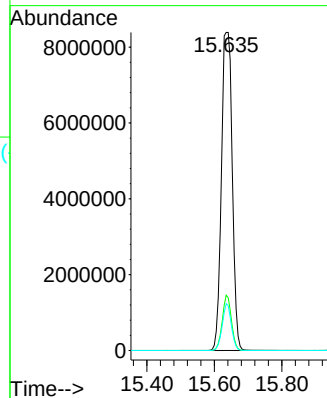
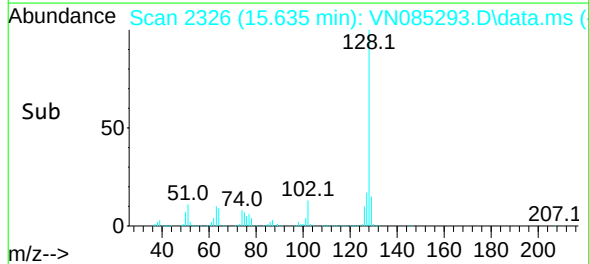
Tgt Ion:128 Resp:18692323

Ion	Ratio	Lower	Upper

128	100		

127	14.7	10.3	15.5

129	12.3	8.6	13.0



Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C10-1-MDL		SDG No.:	P5371	
Lab Sample ID:	P5371-01DL		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085303.D	4		12/23/24 18:47	VN122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.84	UD	0.84	20.0	ug/L
74-87-3	Chloromethane	1.40	UD	1.40	20.0	ug/L
75-01-4	Vinyl Chloride	1.40	UD	1.40	20.0	ug/L
74-83-9	Bromomethane	5.40	UD	5.40	20.0	ug/L
75-00-3	Chloroethane	2.20	UD	2.20	20.0	ug/L
75-69-4	Trichlorofluoromethane	1.40	UD	1.40	20.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	UD	1.00	20.0	ug/L
75-35-4	1,1-Dichloroethene	1.00	UD	1.00	20.0	ug/L
67-64-1	Acetone	22.5	JD	5.60	100	ug/L
75-15-0	Carbon Disulfide	1.30	UD	1.30	20.0	ug/L
1634-04-4	Methyl tert-butyl Ether	0.64	UD	0.64	20.0	ug/L
79-20-9	Methyl Acetate	2.40	UD	2.40	20.0	ug/L
75-09-2	Methylene Chloride	1.30	UD	1.30	20.0	ug/L
156-60-5	trans-1,2-Dichloroethene	1.00	UD	1.00	20.0	ug/L
75-34-3	1,1-Dichloroethane	0.92	UD	0.92	20.0	ug/L
110-82-7	Cyclohexane	6.50	UD	6.50	20.0	ug/L
78-93-3	2-Butanone	5.20	UD	5.20	100	ug/L
56-23-5	Carbon Tetrachloride	1.00	UD	1.00	20.0	ug/L
156-59-2	cis-1,2-Dichloroethene	8.90	JD	1.00	20.0	ug/L
74-97-5	Bromochloromethane	0.72	UD	0.72	20.0	ug/L
67-66-3	Chloroform	5.90	JD	1.00	20.0	ug/L
71-55-6	1,1,1-Trichloroethane	0.76	UD	0.76	20.0	ug/L
108-87-2	Methylcyclohexane	0.76	UD	0.76	20.0	ug/L
71-43-2	Benzene	17.7	JD	0.64	20.0	ug/L
107-06-2	1,2-Dichloroethane	0.96	UD	0.96	20.0	ug/L
79-01-6	Trichloroethene	1.30	UD	1.30	20.0	ug/L
78-87-5	1,2-Dichloropropane	0.76	UD	0.76	20.0	ug/L
75-27-4	Bromodichloromethane	0.96	UD	0.96	20.0	ug/L
108-10-1	4-Methyl-2-Pentanone	3.00	UD	3.00	100	ug/L
108-88-3	Toluene	50.8	D	0.72	20.0	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C10-1-MDL	SDG No.:	P5371
Lab Sample ID:	P5371-01DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085303.D	4		12/23/24 18:47	VN122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.84	UD	0.84	20.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.72	UD	0.72	20.0	ug/L
79-00-5	1,1,2-Trichloroethane	0.84	UD	0.84	20.0	ug/L
591-78-6	2-Hexanone	4.50	UD	4.50	100	ug/L
124-48-1	Dibromochloromethane	0.72	UD	0.72	20.0	ug/L
106-93-4	1,2-Dibromoethane	0.64	UD	0.64	20.0	ug/L
127-18-4	Tetrachloroethene	1.00	UD	1.00	20.0	ug/L
108-90-7	Chlorobenzene	0.52	UD	0.52	20.0	ug/L
100-41-4	Ethyl Benzene	170	D	0.64	20.0	ug/L
179601-23-1	m/p-Xylenes	66.4	D	1.20	40.0	ug/L
95-47-6	o-Xylene	51.9	D	0.56	20.0	ug/L
100-42-5	Styrene	0.64	UD	0.64	20.0	ug/L
75-25-2	Bromoform	0.84	UD	0.84	20.0	ug/L
98-82-8	Isopropylbenzene	10.0	JD	0.52	20.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.10	UD	1.10	20.0	ug/L
541-73-1	1,3-Dichlorobenzene	0.96	UD	0.96	20.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.10	UD	1.10	20.0	ug/L
95-50-1	1,2-Dichlorobenzene	0.76	UD	0.76	20.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	UD	1.80	20.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.70	UD	1.70	20.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.00	UD	2.00	20.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.0		70 (74) - 130 (125)	88%	SPK: 50
1868-53-7	Dibromofluoromethane	45.2		70 (75) - 130 (124)	90%	SPK: 50
2037-26-5	Toluene-d8	48.5		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	130000	8.224			
540-36-3	1,4-Difluorobenzene	242000	9.1			
3114-55-4	Chlorobenzene-d5	214000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	97500	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C10-1-MDL		SDG No.:	P5371	
Lab Sample ID:	P5371-01DL		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085303.D	4		12/23/24 18:47	VN122324

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_N\Data\VN122324\
 Data File : VN085303.D
 Acq On : 23 Dec 2024 18:47
 Operator : JC\MD
 Sample : P5371-01DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C10-1-MDL

Quant Time: Dec 24 04:16:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

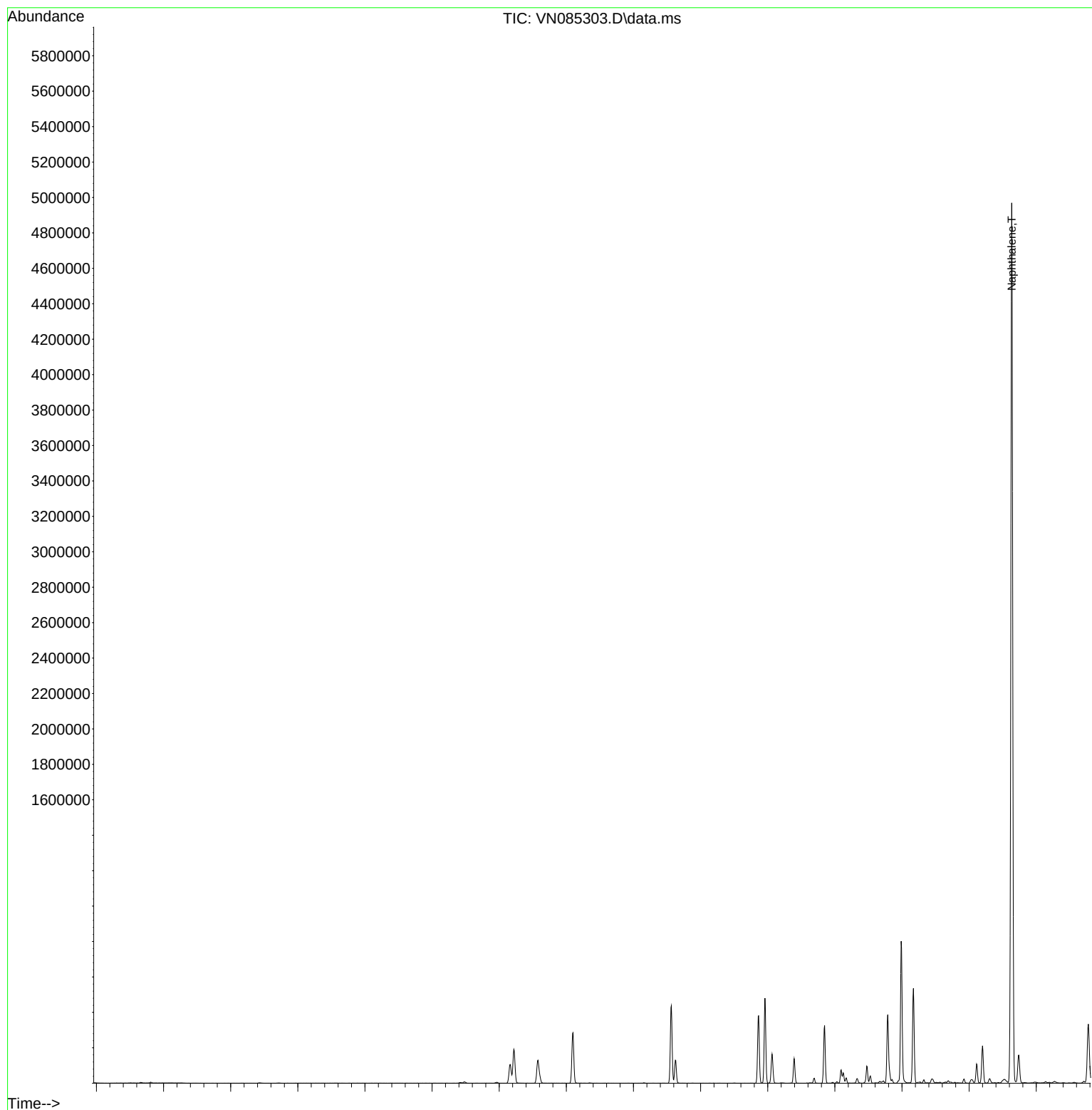
Internal Standards						
1) Pentafluorobenzene	8.224	168	129978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	99852	43.953	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	87.900%	
35) Dibromofluoromethane	8.165	113	76848	45.152	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	90.300%	
50) Toluene-d8	10.565	98	301887	48.529	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	97.060%	
62) 4-Bromofluorobenzene	12.847	95	110184	49.590	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	99.180%	
Target Compounds					Qvalue	
16) Acetone	4.436	43	4406	5.619	ug/l	93
27) cis-1,2-Dichloroethene	7.483	96	4216	2.214	ug/l	85
30) Chloroform	7.965	83	5016	1.479	ug/l	96
40) Benzene	8.600	78	32609	4.423	ug/l	99
52) Toluene	10.624	92	56259	12.690	ug/l	99
67) Ethyl Benzene	11.959	91	345174	41.843	ug/l	97
68) m/p-Xylenes	12.065	106	51205	16.597	ug/l	98
69) o-Xylene	12.394	106	37622	12.973	ug/l	95
73) Isopropylbenzene	12.694	105	17631	2.507	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	14006	2.388	ug/l	86
84) 1,2,4-Trimethylbenzene	13.476	105	52938	8.830	ug/l	99
86) p-Isopropyltoluene	13.723	119	3917	2.508	ug/l #	71
95) Naphthalene	15.635	128	4435118	827.339	ug/l	99

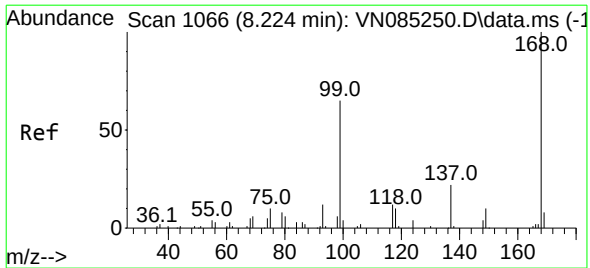
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085303.D
Acq On : 23 Dec 2024 18:47
Operator : JC\MD
Sample : P5371-01DL 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-MDL

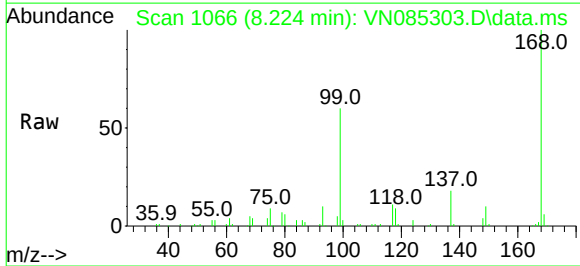
Quant Time: Dec 24 04:16:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



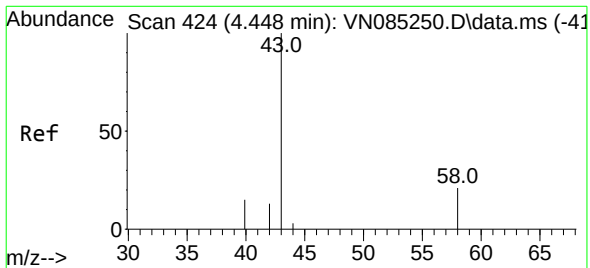
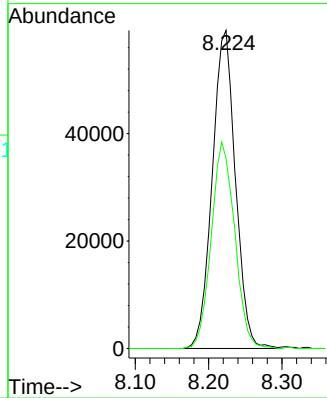
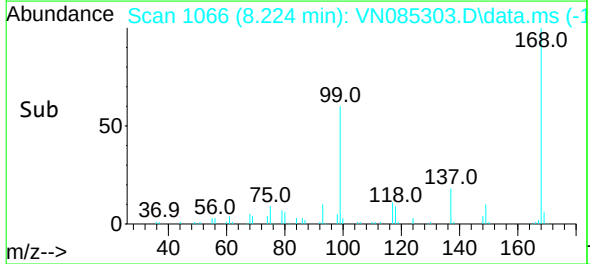


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085303.D
Acq: 23 Dec 2024 18:47

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-MDL

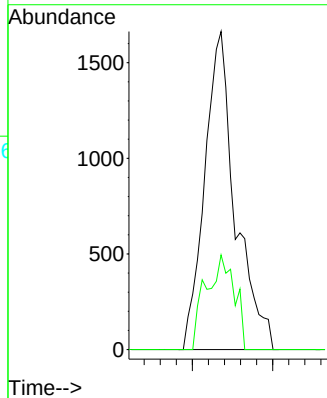
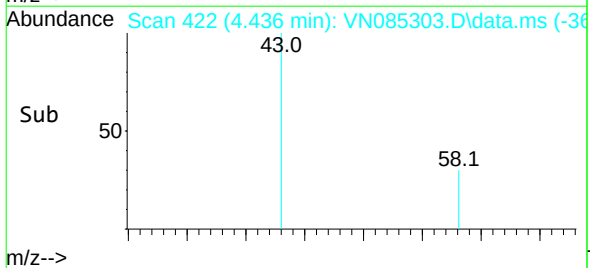
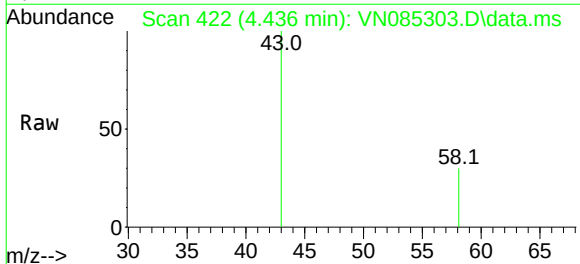


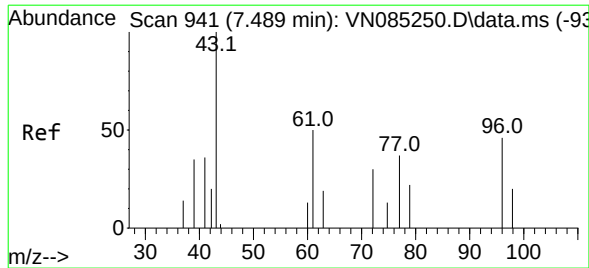
Tgt Ion: 168 Resp: 129978
Ion Ratio Lower Upper
168 100
99 59.8 50.7 76.1



#16
Acetone
Concen: 5.619 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085303.D
Acq: 23 Dec 2024 18:47

Tgt Ion: 43 Resp: 4406
Ion Ratio Lower Upper
43 100
58 29.8 20.8 31.2





#27

cis-1,2-Dichloroethene

Concen: 2.214 ug/l

RT: 7.483 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN085303.D

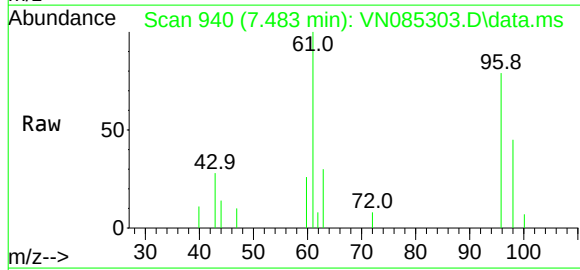
Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-1-MDL



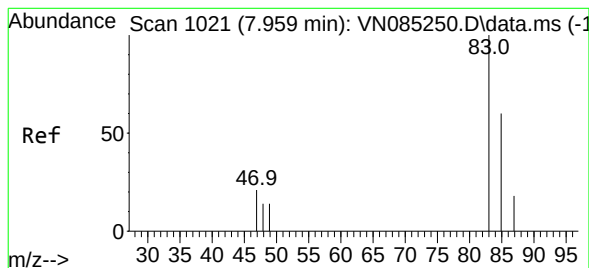
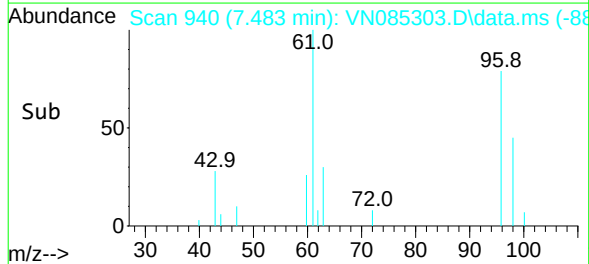
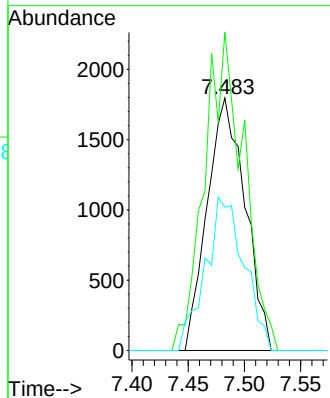
Tgt Ion: 96 Resp: 4216

Ion	Ratio	Lower	Upper

96	100		

61	130.6	0.0	316.4

98	62.0	0.0	125.4



#30

Chloroform

Concen: 1.479 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN085303.D

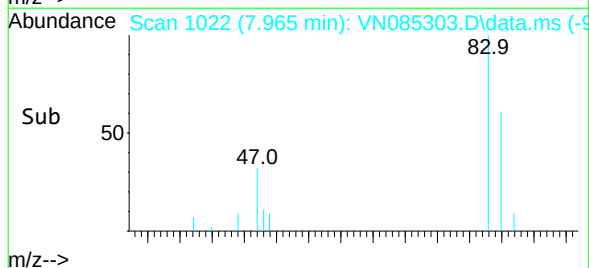
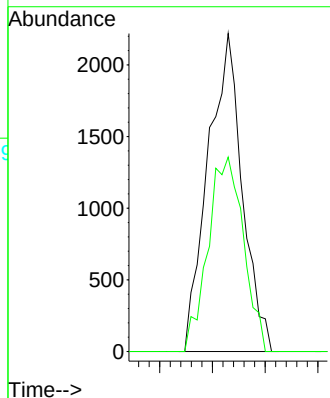
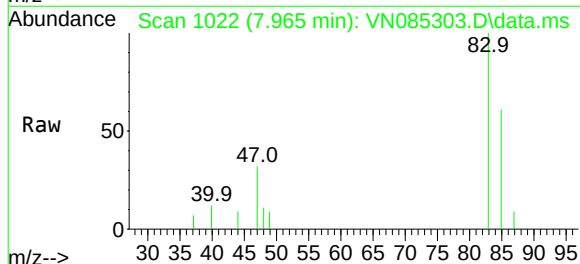
Acq: 23 Dec 2024 18:47

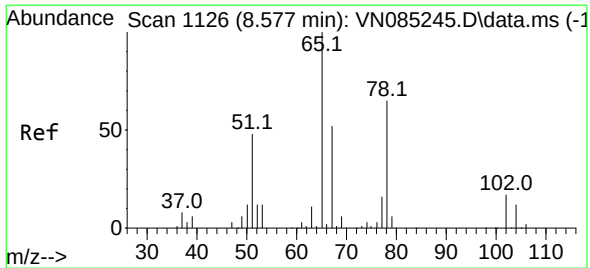
Tgt Ion: 83 Resp: 5016

Ion	Ratio	Lower	Upper

83	100		

85	61.2	51.4	77.0

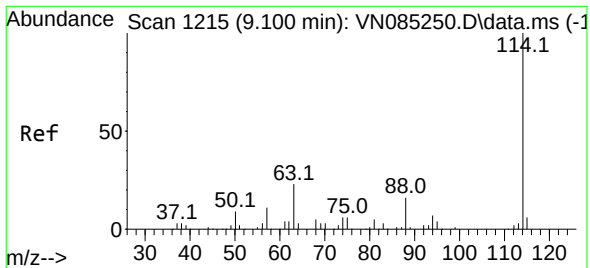
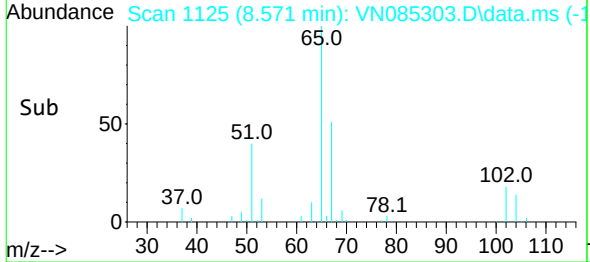
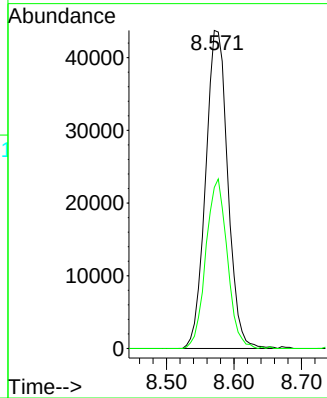
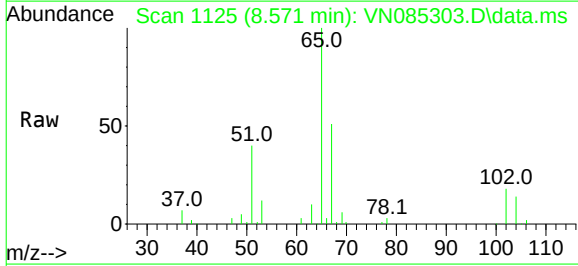




#33
1,2-Dichloroethane-d4
Concen: 43.953 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085303.D
Acq: 23 Dec 2024 18:47

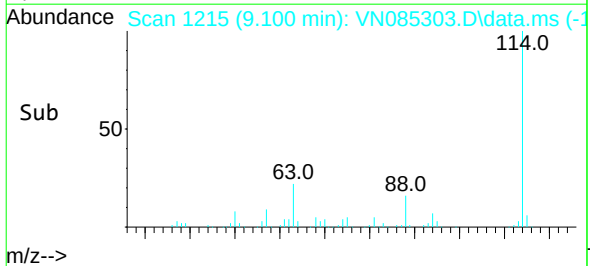
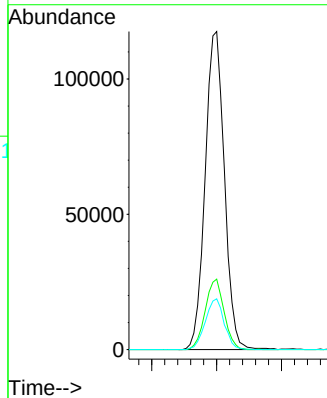
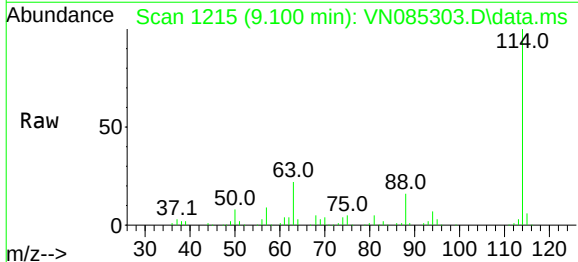
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-MDL

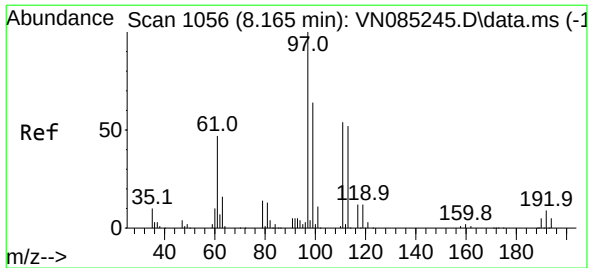
Tgt Ion: 65 Resp: 99852
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085303.D
Acq: 23 Dec 2024 18:47

Tgt Ion: 114 Resp: 242088
Ion Ratio Lower Upper
114 100
63 22.2 0.0 46.2
88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.152 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085303.D

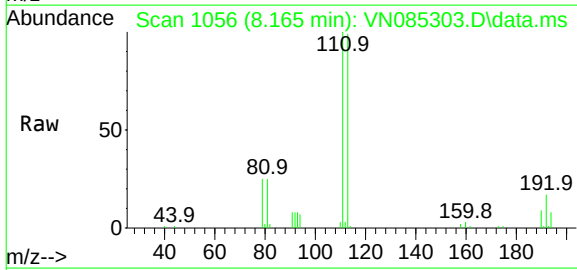
Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-1-MDL



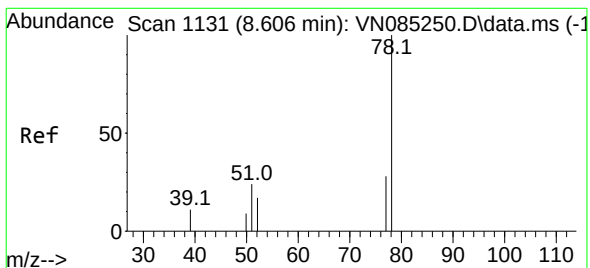
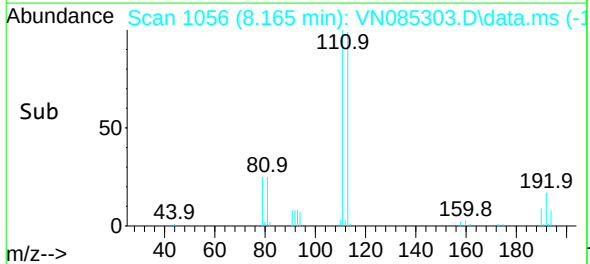
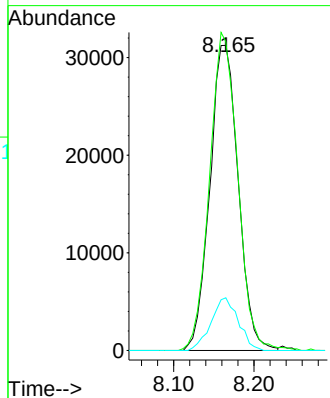
Tgt Ion:113 Resp: 76848

Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

192 16.6 13.4 20.0



#40

Benzene

Concen: 4.423 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085303.D

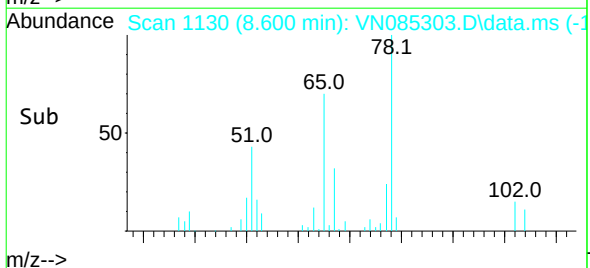
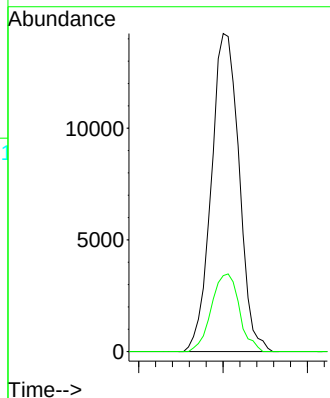
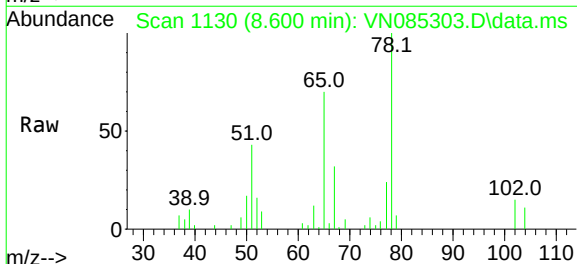
Acq: 23 Dec 2024 18:47

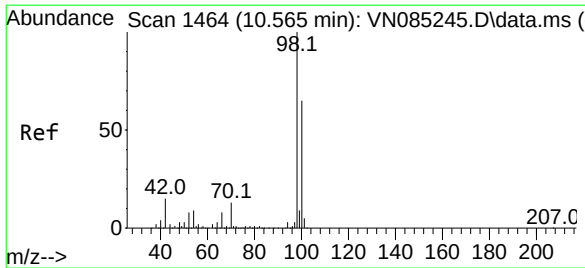
Tgt Ion: 78 Resp: 32609

Ion Ratio Lower Upper

78 100

77 23.9 18.9 28.3





#50

Toluene-d8

Concen: 48.529 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

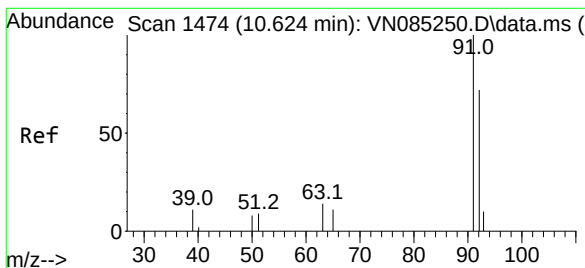
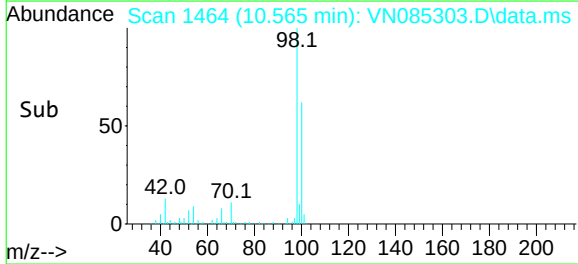
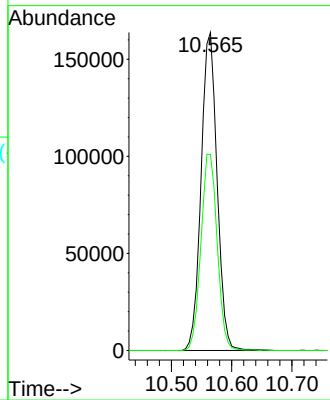
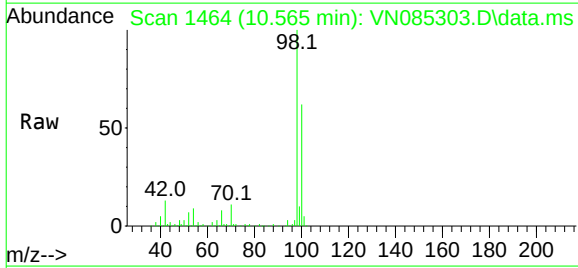
SPLP-C10-1-MDL

Tgt Ion: 98 Resp: 301887

Ion Ratio Lower Upper

98 100

100 62.8 51.6 77.4



#52

Toluene

Concen: 12.690 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085303.D

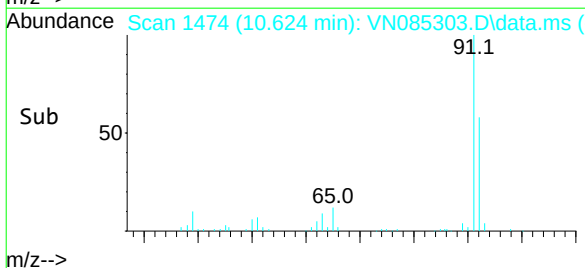
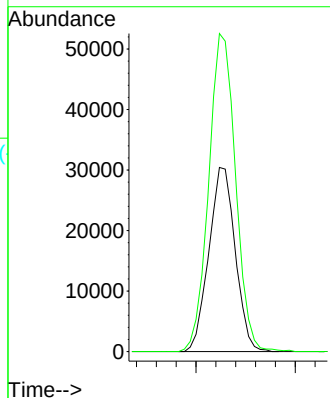
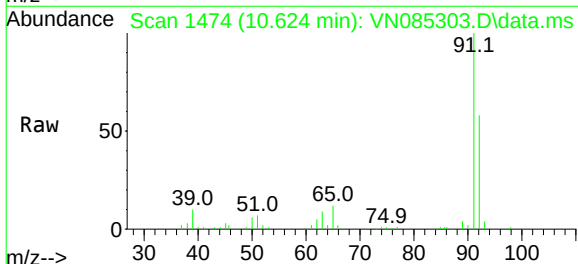
Acq: 23 Dec 2024 18:47

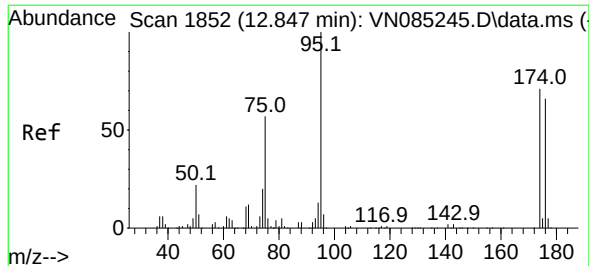
Tgt Ion: 92 Resp: 56259

Ion Ratio Lower Upper

92 100

91 175.5 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 49.590 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085303.D

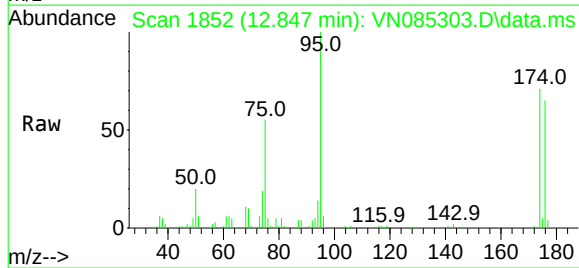
Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-1-MDL



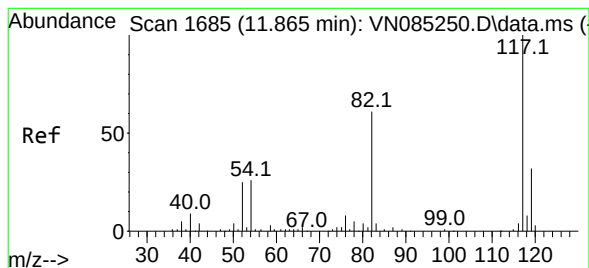
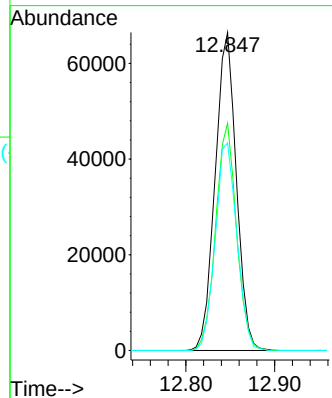
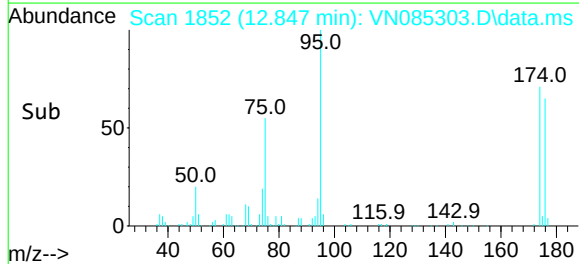
Tgt Ion: 95 Resp: 110184

Ion Ratio Lower Upper

95 100

174 70.2 0.0 144.4

176 66.9 0.0 136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

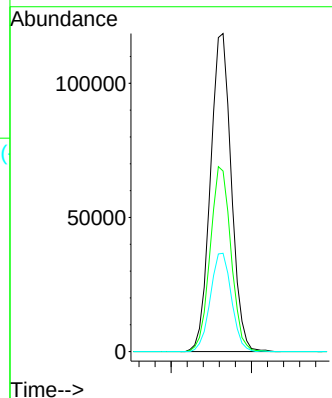
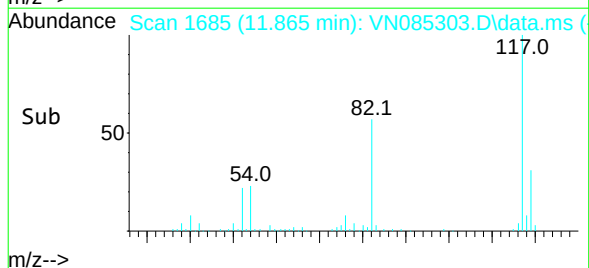
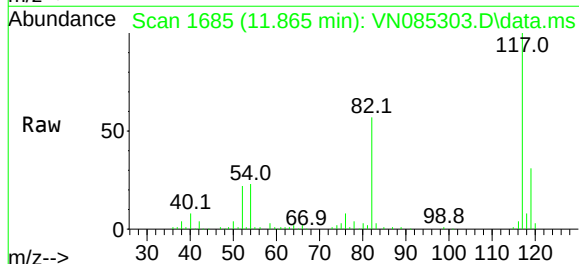
Tgt Ion: 117 Resp: 214104

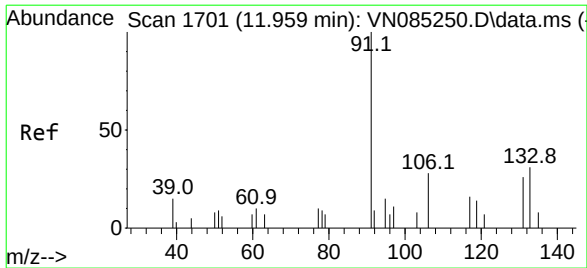
Ion Ratio Lower Upper

117 100

82 56.8 47.4 71.2

119 30.9 25.6 38.4





#67

Ethyl Benzene

Concen: 41.843 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085303.D

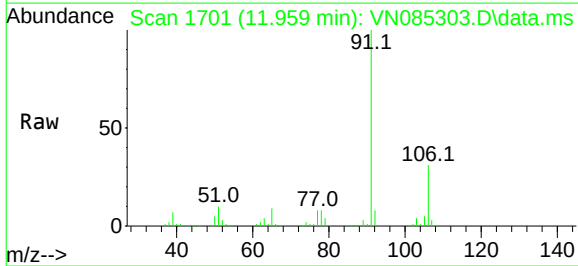
Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-1-MDL

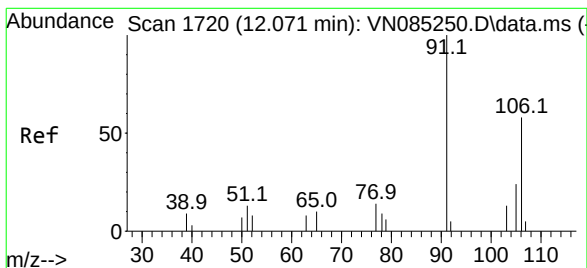
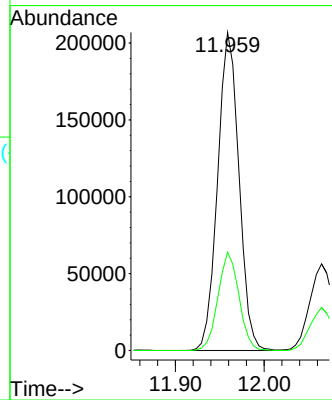
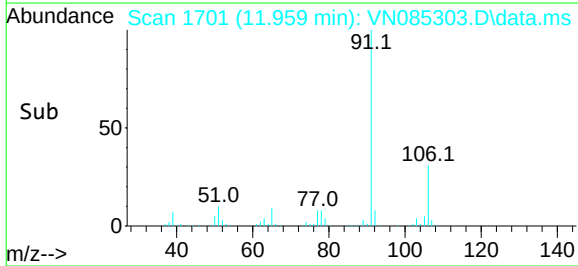


Tgt Ion: 91 Resp: 345174

Ion Ratio Lower Upper

91 100

106 30.9 23.5 35.3



#68

m/p-Xylenes

Concen: 16.597 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085303.D

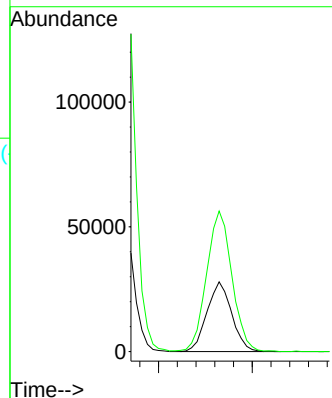
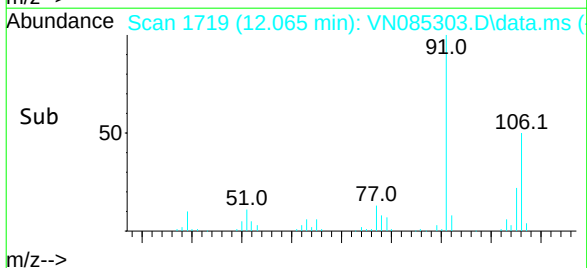
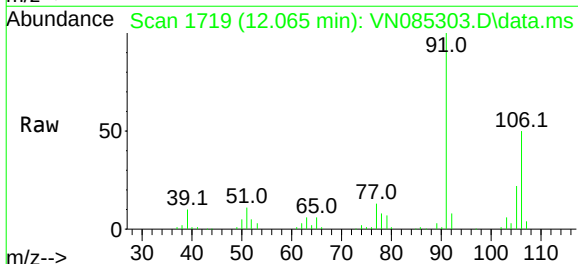
Acq: 23 Dec 2024 18:47

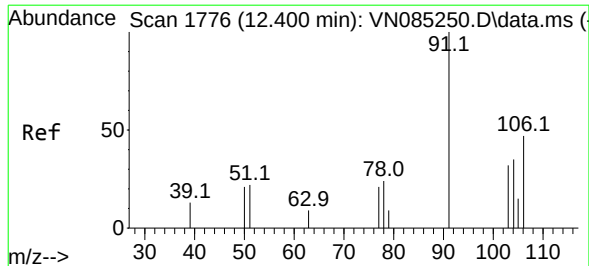
Tgt Ion: 106 Resp: 51205

Ion Ratio Lower Upper

106 100

91 206.7 168.3 252.5





#69

o-Xylene

Concen: 12.973 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

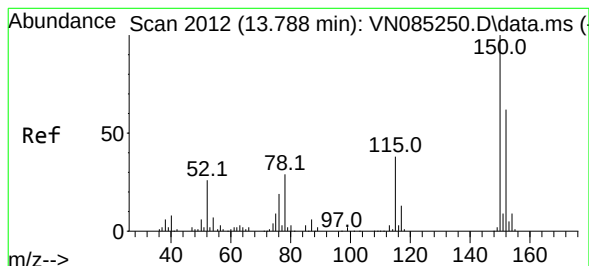
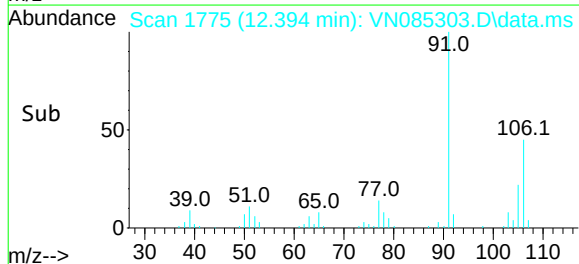
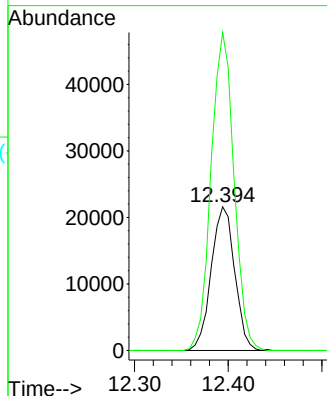
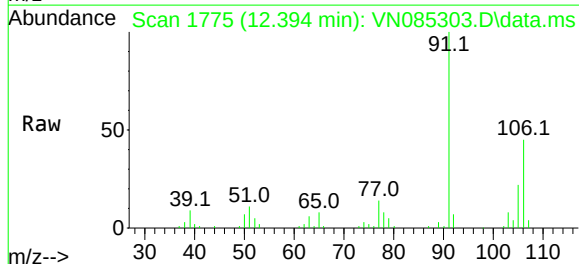
SPLP-C10-1-MDL

Tgt Ion:106 Resp: 37622

Ion Ratio Lower Upper

106 100

91 216.2 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

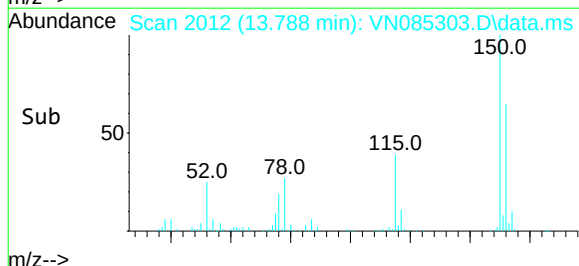
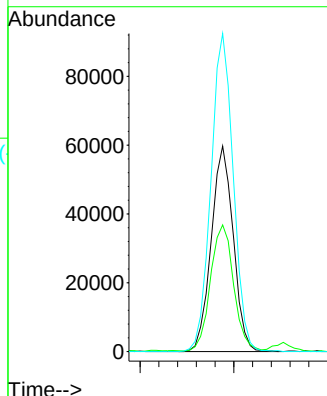
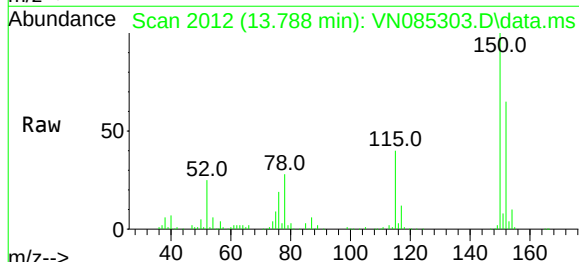
Tgt Ion:152 Resp: 97477

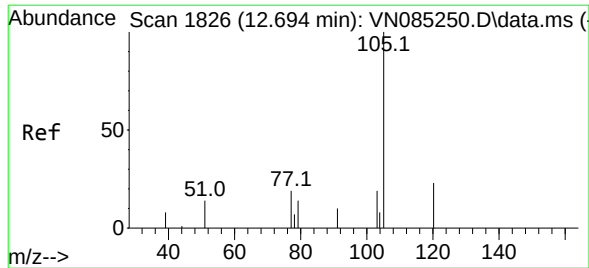
Ion Ratio Lower Upper

152 100

115 64.2 32.1 96.3

150 156.6 0.0 354.6





#73

Isopropylbenzene

Concen: 2.507 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

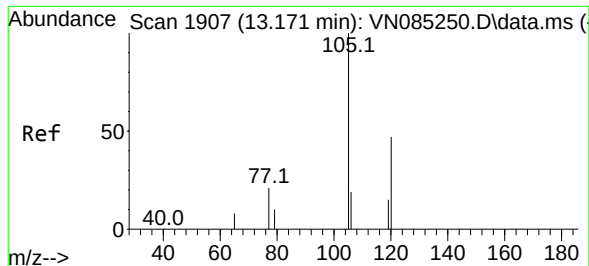
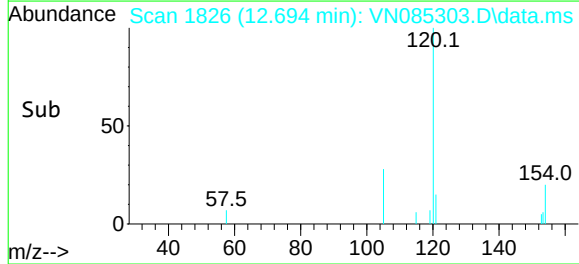
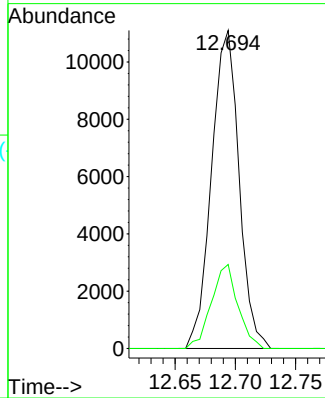
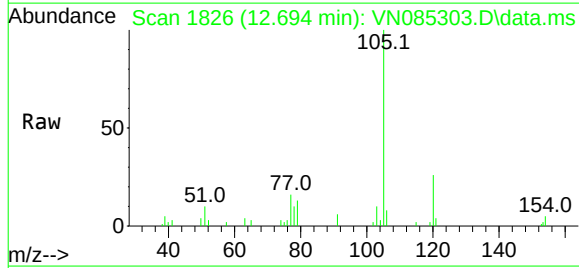
SPLP-C10-1-MDL

Tgt Ion:105 Resp: 17631

Ion Ratio Lower Upper

105 100

120 25.5 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 2.388 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085303.D

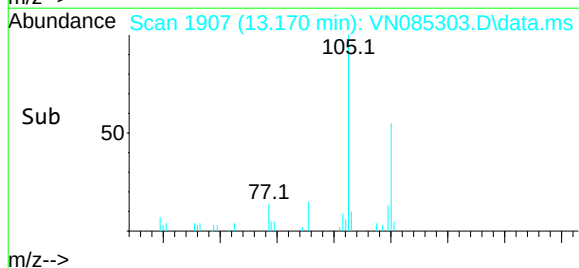
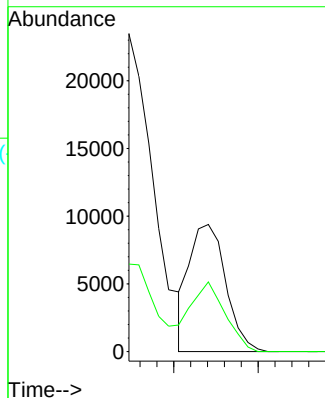
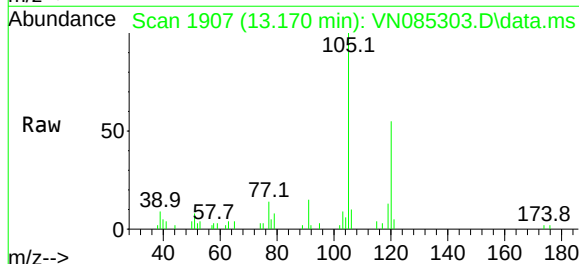
Acq: 23 Dec 2024 18:47

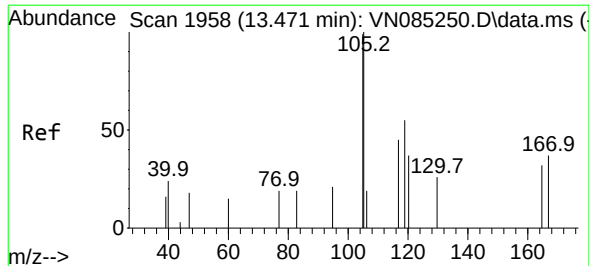
Tgt Ion:105 Resp: 14006

Ion Ratio Lower Upper

105 100

120 56.1 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 8.830 ug/l

RT: 13.476 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

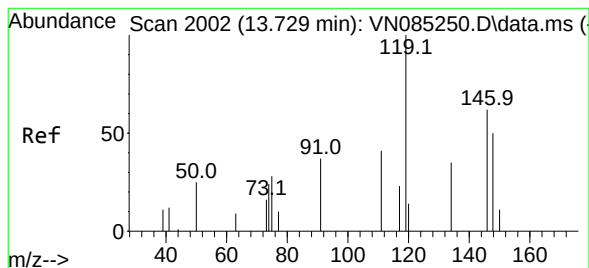
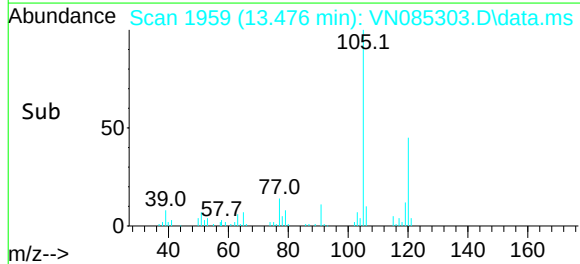
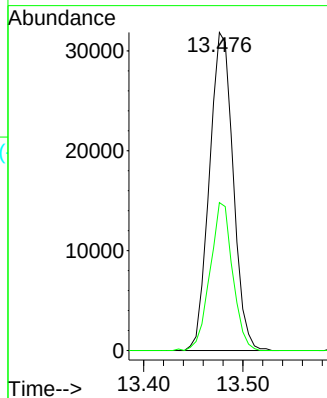
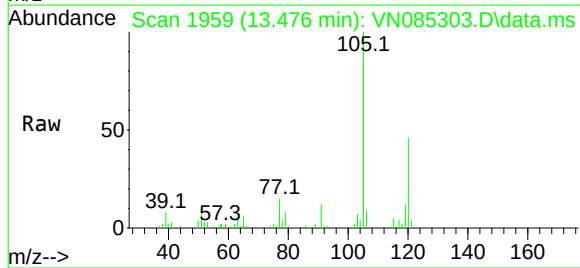
SPLP-C10-1-MDL

Tgt Ion:105 Resp: 52938

Ion Ratio Lower Upper

105 100

120 44.3 21.8 65.3



#86

p-Isopropyltoluene

Concen: 2.508 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

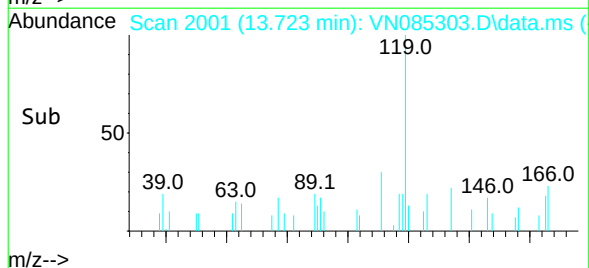
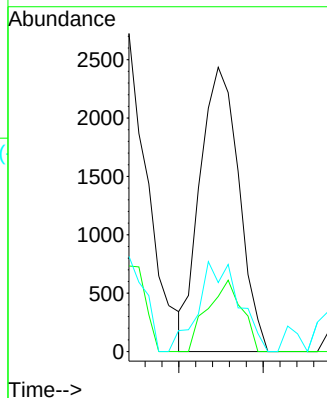
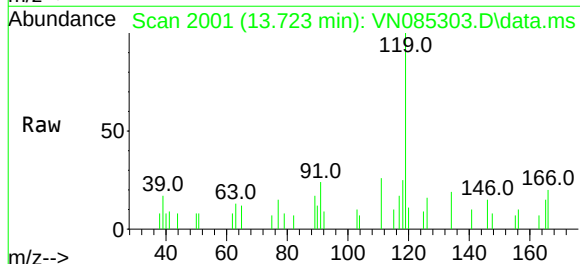
Tgt Ion:119 Resp: 3917

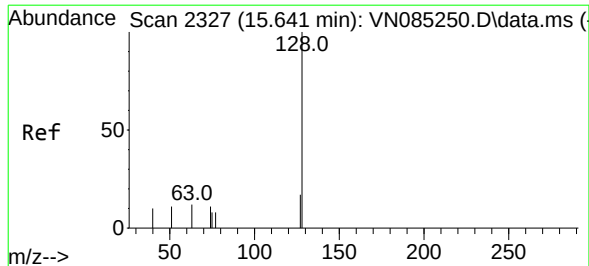
Ion Ratio Lower Upper

119 100

134 22.2 12.5 37.5

91 0.0 13.0 38.9#





#95

Naphthalene

Concen: 827.339 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085303.D

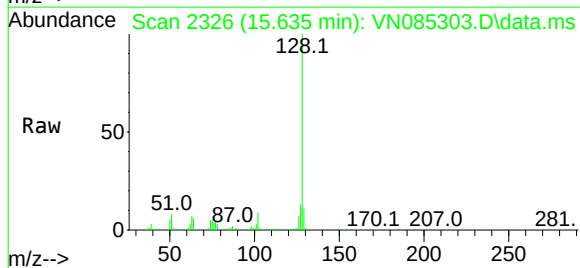
Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-1-MDL



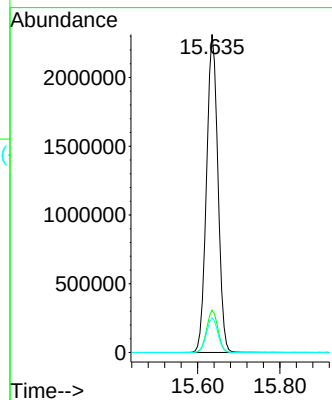
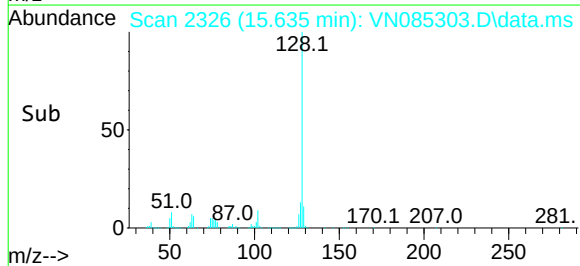
Tgt Ion:128 Resp: 4435118

Ion	Ratio	Lower	Upper

128	100		

127	13.3	10.3	15.5

129	11.0	8.6	13.0



Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C10-2-M	SDG No.:	P5371
Lab Sample ID:	P5371-02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085294.D	1		12/23/24 15:14	VN122324

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	1.90	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	19.5	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	1.20	J	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	22.3		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	4.30	J	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	97.9		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	2.40	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	200	E	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C10-2-M	SDG No.:	P5371
Lab Sample ID:	P5371-02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085294.D	1		12/23/24 15:14	VN122324

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	180		0.31	10.0	ug/L
95-47-6	o-Xylene	130	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	20.3		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	42.7		70 (74) - 130 (125)	85%	SPK: 50
1868-53-7	Dibromofluoromethane	32.9	*	70 (75) - 130 (124)	66%	SPK: 50
2037-26-5	Toluene-d8	47.0		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	197000	8.218			
540-36-3	1,4-Difluorobenzene	350000	9.094			
3114-55-4	Chlorobenzene-d5	304000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	148000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C10-2-M		SDG No.:	P5371	
Lab Sample ID:	P5371-02		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085294.D	1		12/23/24 15:14	VN122324

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_N\Data\VN122324\
 Data File : VN085294.D
 Acq On : 23 Dec 2024 15:14
 Operator : JC\MD
 Sample : P5371-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C10-2-M

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 05:57:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	197251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	350073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	303609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147265	42.715	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.420%		
35) Dibromofluoromethane	8.165	113	80934	32.884	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	65.760%#		
50) Toluene-d8	10.559	98	422663	46.986	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.980%		
62) 4-Bromofluorobenzene	12.841	95	161089	50.137	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.280%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	5446	1.941	ug/l	91
16) Acetone	4.424	43	23166	19.466	ug/l #	83
17) Carbon Disulfide	4.718	76	9001	1.172	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	64343	22.264	ug/l	86
30) Chloroform	7.965	83	22047	4.285	ug/l	97
40) Benzene	8.600	78	1044213	97.942	ug/l	99
44) Trichloroethene	9.353	130	5799	2.443	ug/l	76
52) Toluene	10.623	92	1287007	200.761	ug/l	100
67) Ethyl Benzene	11.959	91	5381130	460.016	ug/l	99
68) m/p-Xylenes	12.065	106	786994	179.883	ug/l	98
69) o-Xylene	12.394	106	531523	129.252	ug/l	97
73) Isopropylbenzene	12.688	105	217767	20.333	ug/l	98
78) n-propylbenzene	13.029	91	73620	5.605	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	165585	18.536	ug/l	92
84) 1,2,4-Trimethylbenzene	13.476	105	665630	72.894	ug/l	99
86) p-Isopropyltoluene	13.723	119	32803	5.031	ug/l #	74
95) Naphthalene	15.629	128	24843357m	3042.669	ug/l	

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

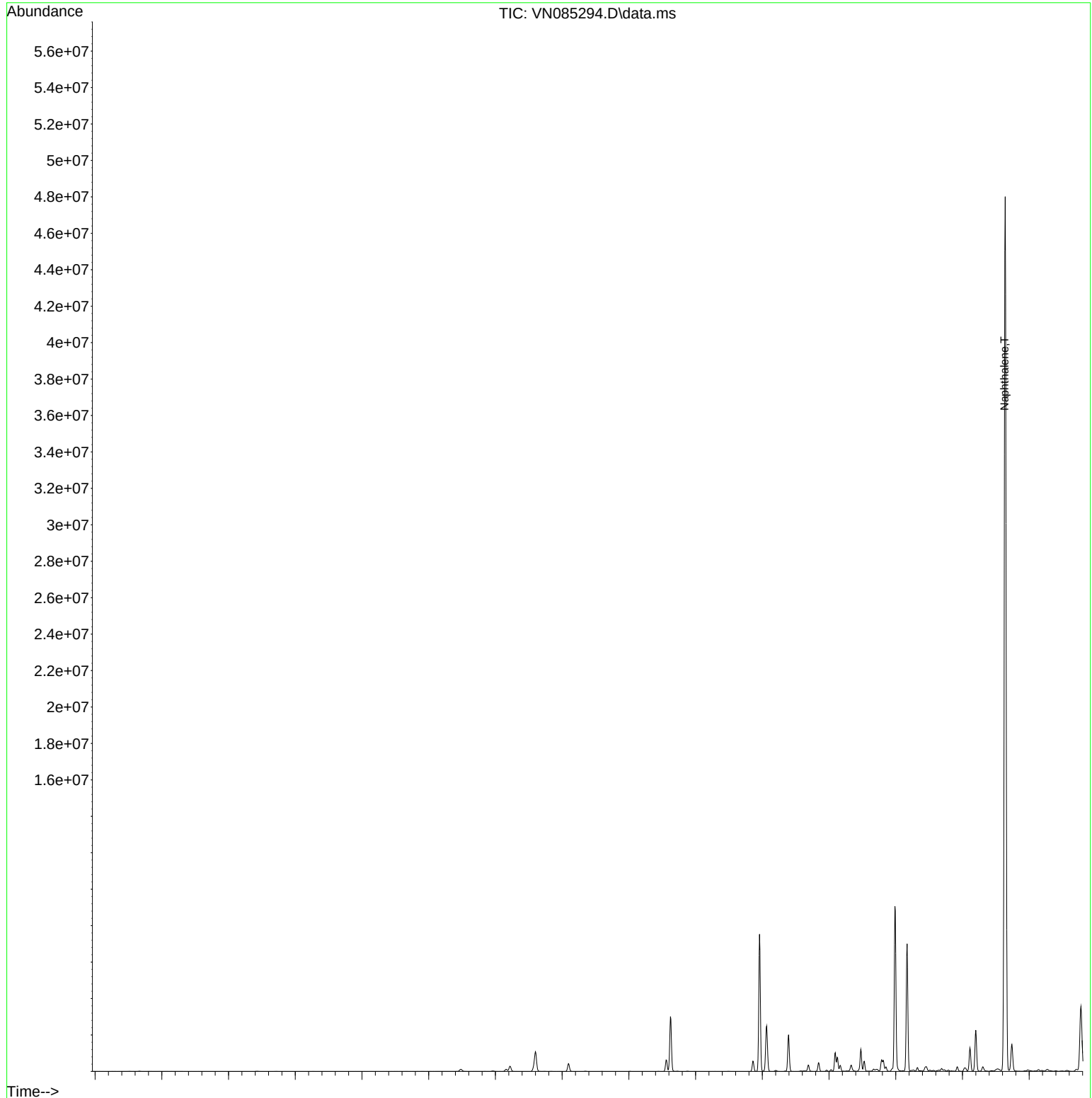
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Data File : VN085294.D
Acq On : 23 Dec 2024 15:14
Operator : JC\MD
Sample : P5371-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

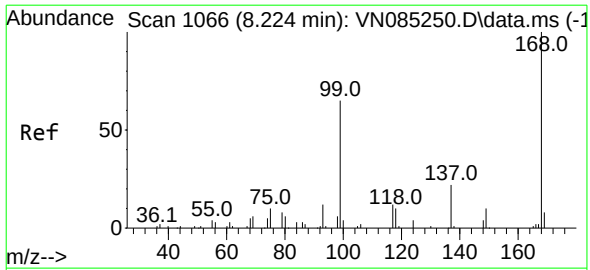
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-2-M

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024

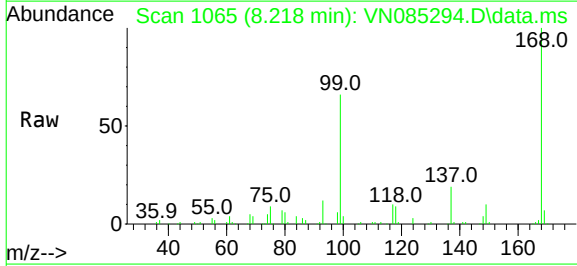
Quant Time: Dec 24 05:57:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085294.D
Acq: 23 Dec 2024 15:14

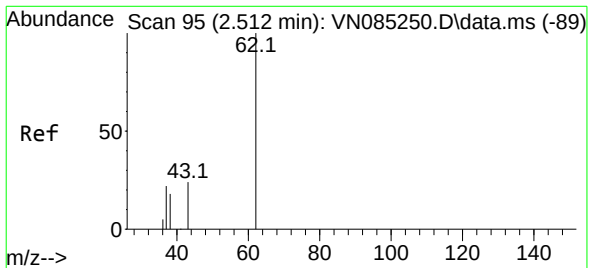
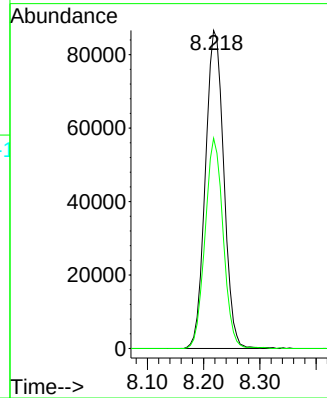
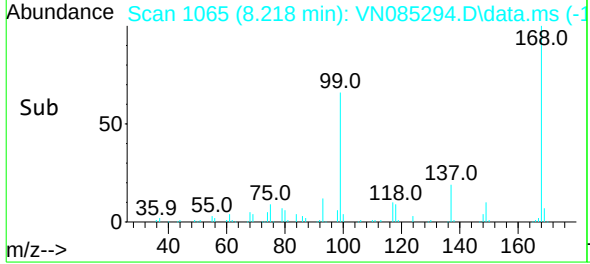
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-2-M



Tgt Ion: 168 Resp: 197251
Ion Ratio Lower Upper
168 100
99 66.1 50.7 76.1

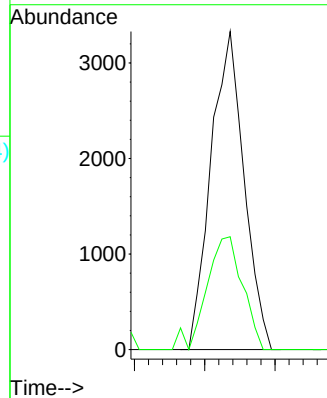
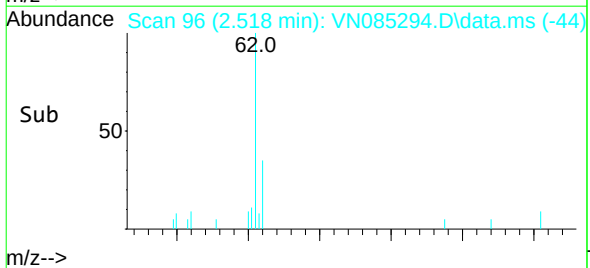
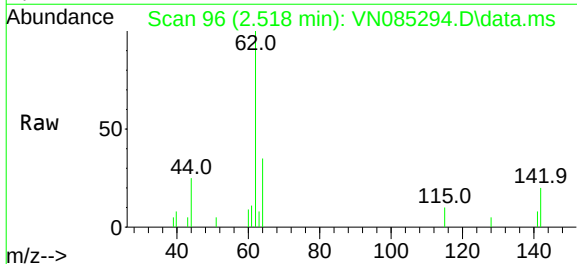
Manual Integrations
APPROVED

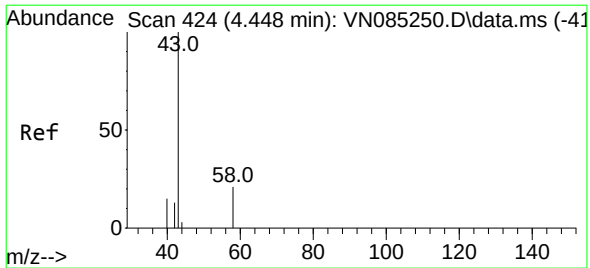
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024



#4
Vinyl Chloride
Concen: 1.941 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085294.D
Acq: 23 Dec 2024 15:14

Tgt Ion: 62 Resp: 5446
Ion Ratio Lower Upper
62 100
64 35.5 24.5 36.7





#16

Acetone

Concen: 19.466 ug/l

RT: 4.424 min Scan# 424

Delta R.T. -0.000 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-2-M

Tgt Ion: 43 Resp: 23166

Ion Ratio Lower Upper

43 100

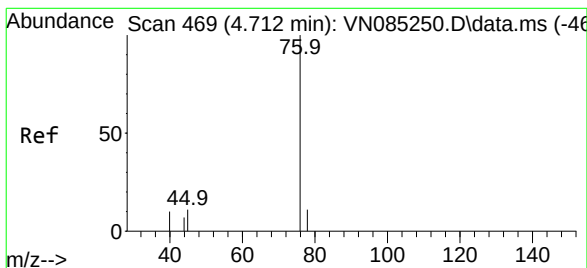
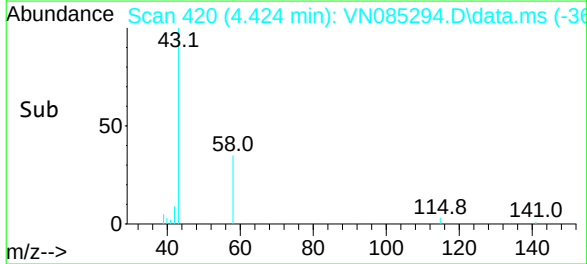
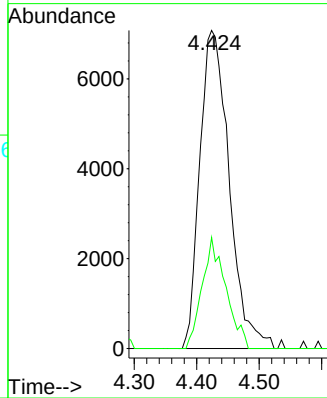
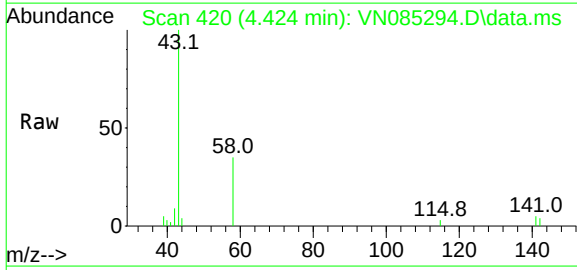
58 34.9 20.8 31.2#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#17

Carbon Disulfide

Concen: 1.172 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN085294.D

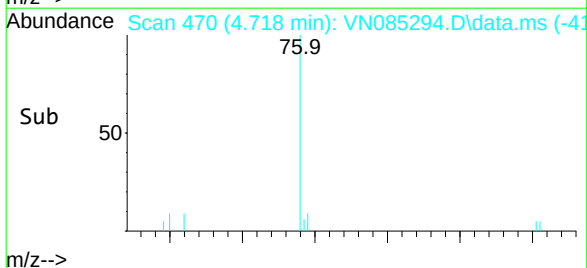
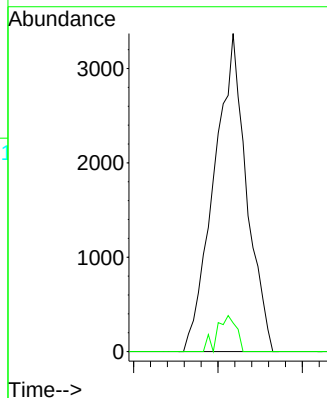
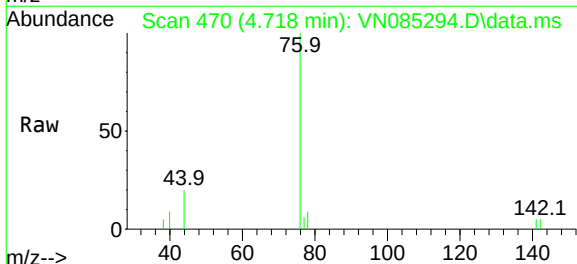
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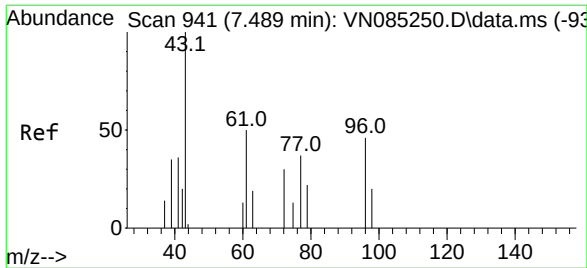
Tgt Ion: 76 Resp: 9001

Ion Ratio Lower Upper

76 100

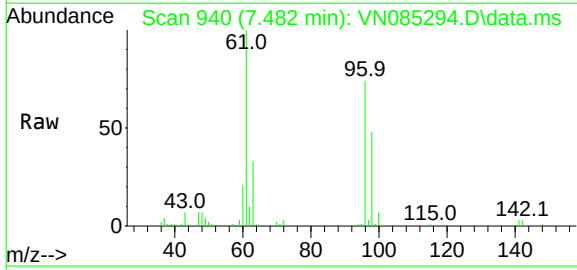
78 9.0 6.8 10.2





#27
cis-1,2-Dichloroethene
Concen: 22.264 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085294.D
Acq: 23 Dec 2024 15:14

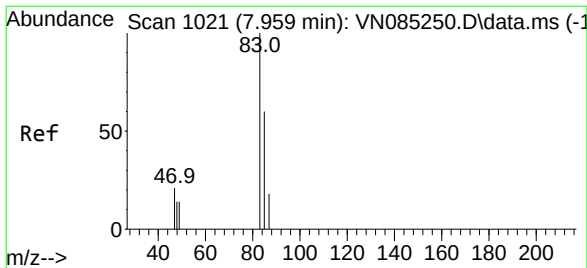
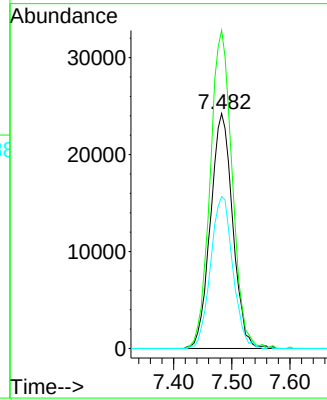
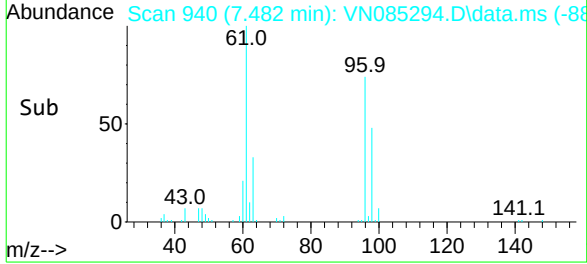
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-2-M



Tgt Ion: 96 Resp: 64343
Ion Ratio Lower Upper
96 100
61 133.8 0.0 316.4
98 64.7 0.0 125.4

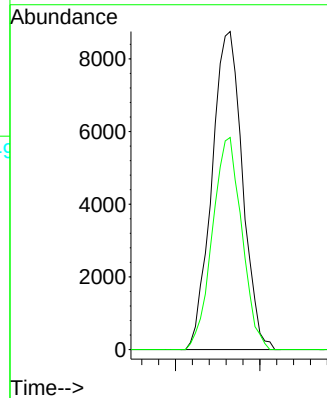
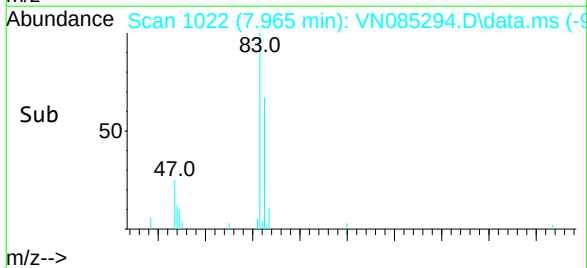
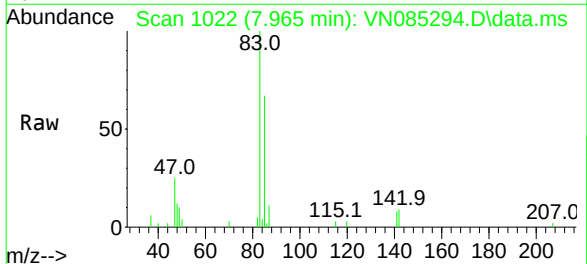
Manual Integrations
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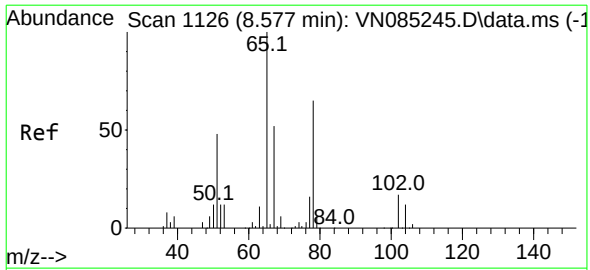
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#30
Chloroform
Concen: 4.285 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN085294.D
Acq: 23 Dec 2024 15:14

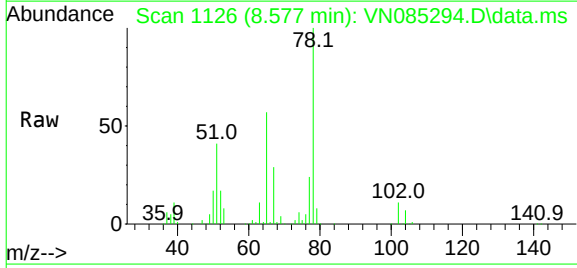
Tgt Ion: 83 Resp: 22047
Ion Ratio Lower Upper
83 100
85 66.7 51.4 77.0





#33
1,2-Dichloroethane-d4
Concen: 42.715 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085294.D
Acq: 23 Dec 2024 15:14

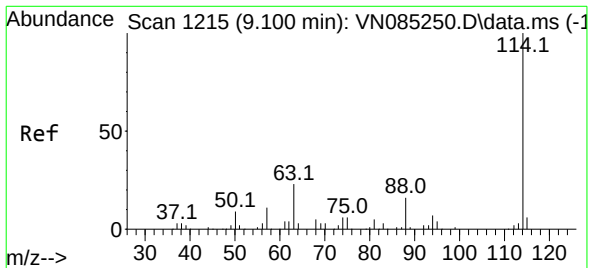
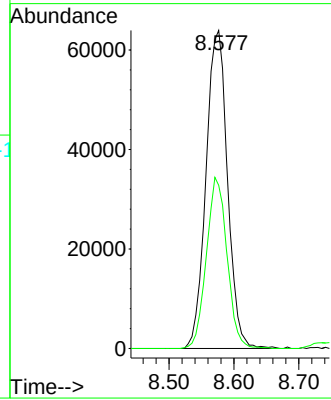
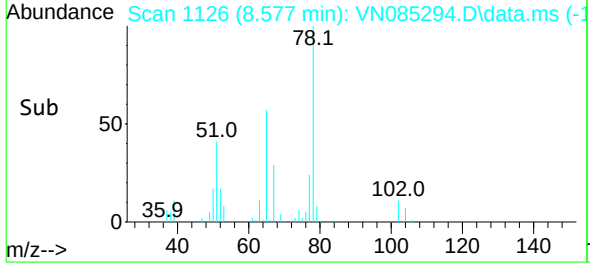
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-2-M



Tgt Ion: 65 Resp: 147265
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2

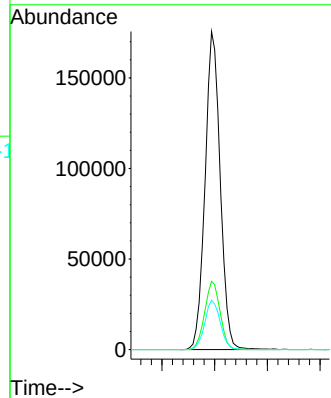
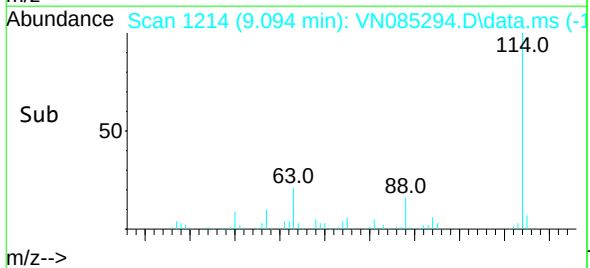
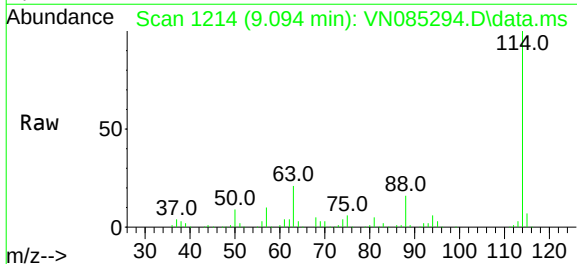
Manual Integrations
APPROVED

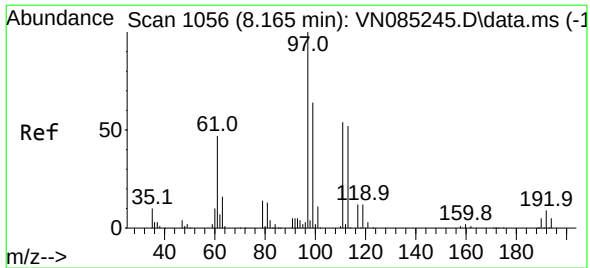
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085294.D
Acq: 23 Dec 2024 15:14

Tgt Ion:114 Resp: 350073
Ion Ratio Lower Upper
114 100
63 21.5 0.0 46.2
88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 32.884 ug/l

RT: 8.165 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN085294.D

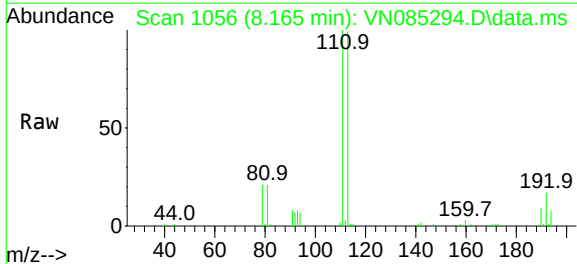
Acq: 23 Dec 2024 15:14

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-2-M



Tgt Ion: 113 Resp: 80934

Ion Ratio Lower Upper

113 100

111 103.6 82.1 123.1

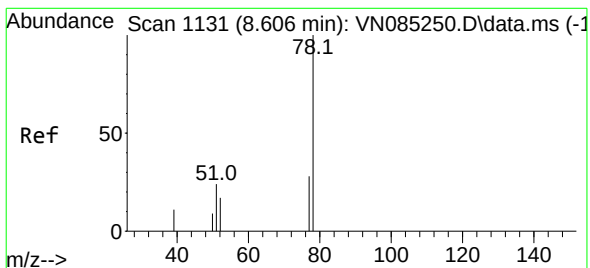
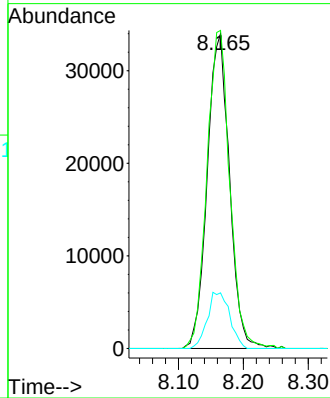
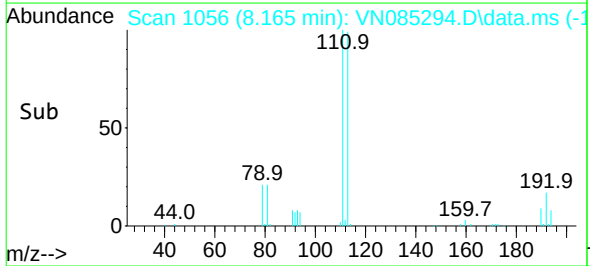
192 17.9 13.4 20.0

Manual Integrations

APPROVED

Reviewed By : John Carlone 12/26/2024

Supervised By : Mahesh Dadoda 12/26/2024



#40

Benzene

Concen: 97.942 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085294.D

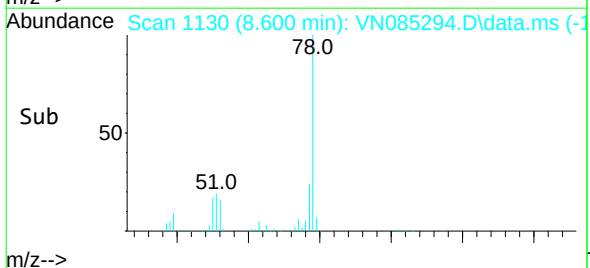
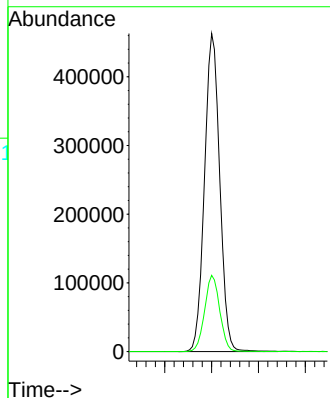
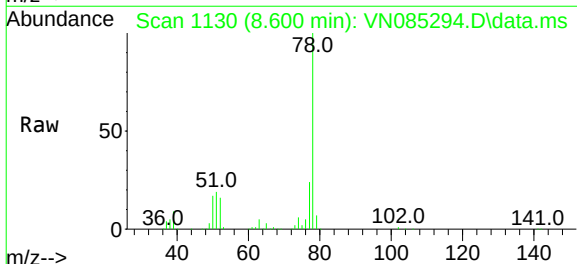
Acq: 23 Dec 2024 15:14

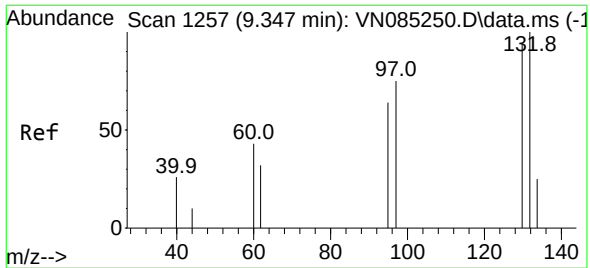
Tgt Ion: 78 Resp: 1044213

Ion Ratio Lower Upper

78 100

77 24.0 18.9 28.3





#44

Trichloroethene

Concen: 2.443 ug/l

RT: 9.353 min Scan# 12

Delta R.T. 0.006 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-2-M

Tgt Ion:130 Resp: 5799

Ion Ratio Lower Upper

130 100

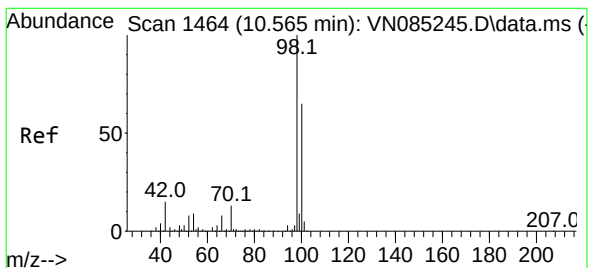
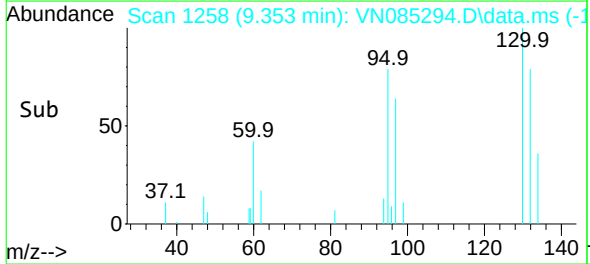
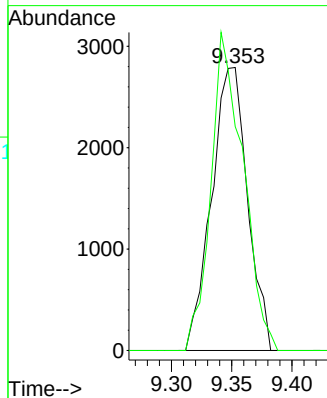
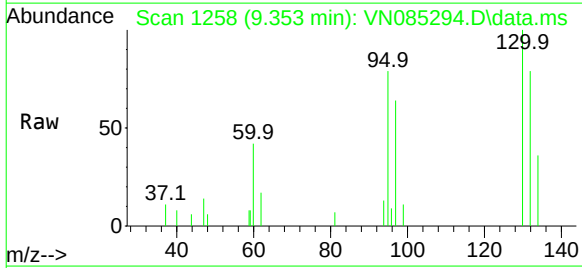
95 79.1 0.0 207.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#50

Toluene-d8

Concen: 46.986 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085294.D

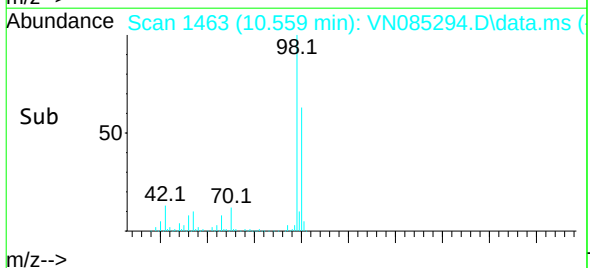
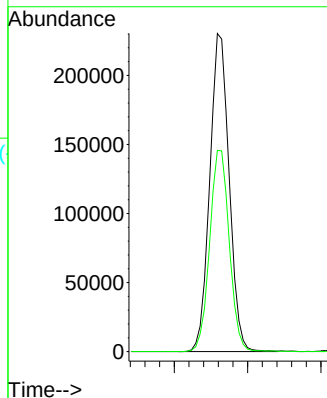
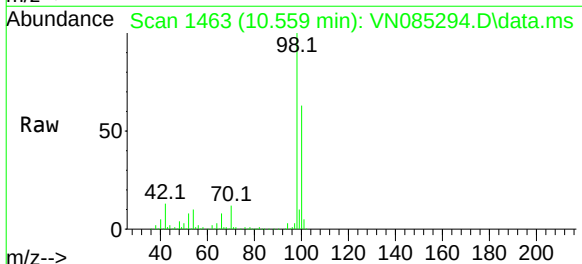
Acq: 23 Dec 2024 15:14

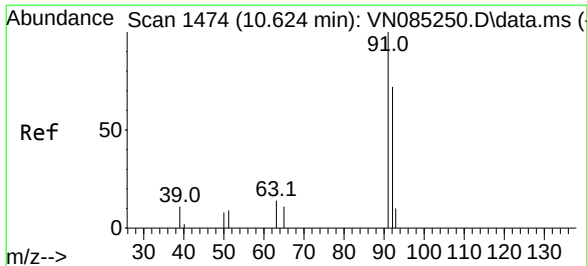
Tgt Ion: 98 Resp: 422663

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4





#52

Toluene

Concen: 200.761 ug/l

RT: 10.623 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-2-M

Tgt Ion: 92 Resp: 1287007

Ion Ratio Lower Upper

92 100

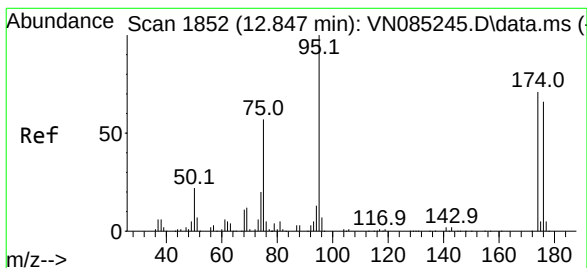
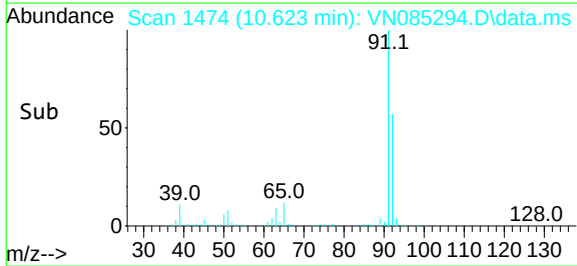
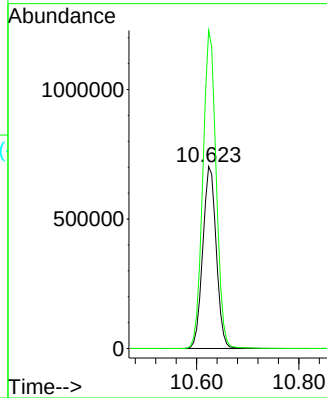
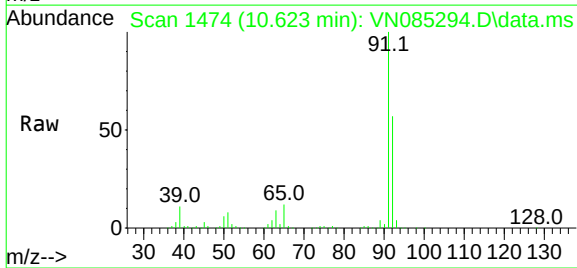
91 173.1 138.9 208.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#62

4-Bromofluorobenzene

Concen: 50.137 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

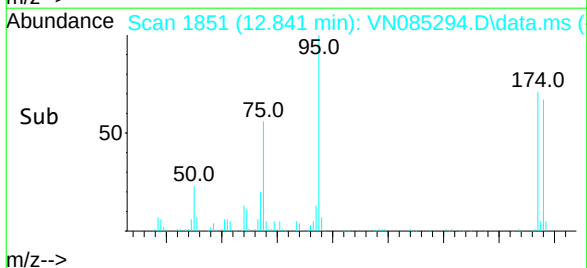
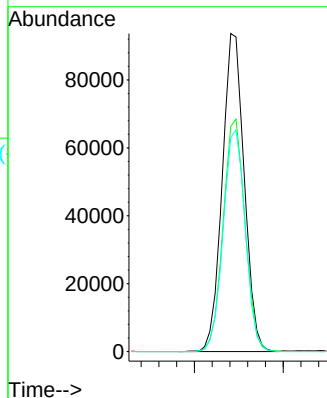
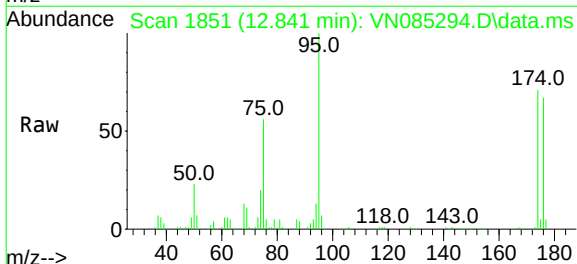
Tgt Ion: 95 Resp: 161089

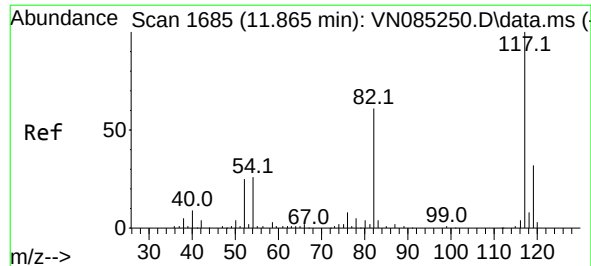
Ion Ratio Lower Upper

95 100

174 72.8 0.0 144.4

176 69.9 0.0 136.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-2-M

Tgt Ion: 117 Resp: 303609

Ion Ratio Lower Upper

117 100

82 60.1 47.4 71.2

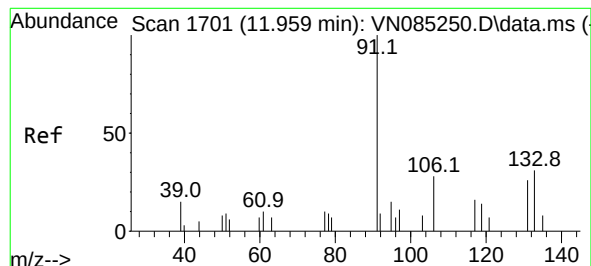
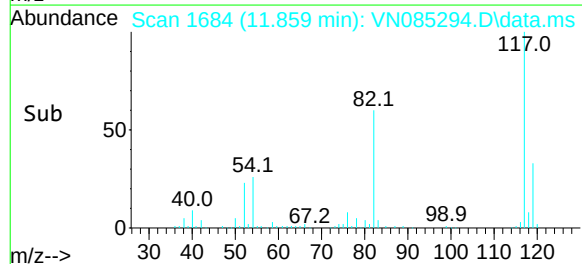
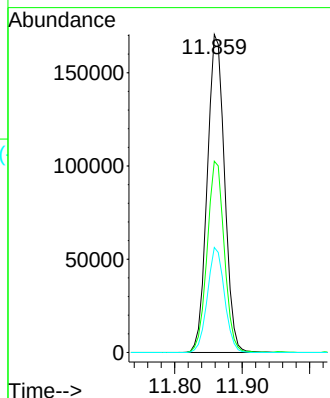
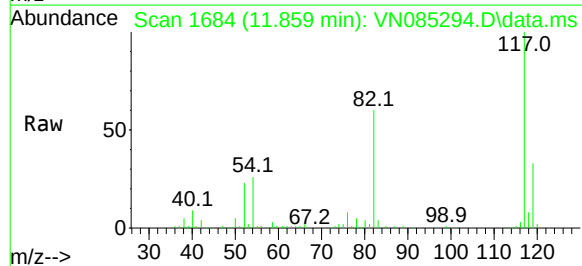
119 33.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#67

Ethyl Benzene

Concen: 460.016 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085294.D

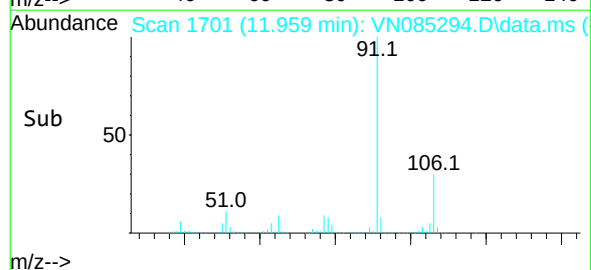
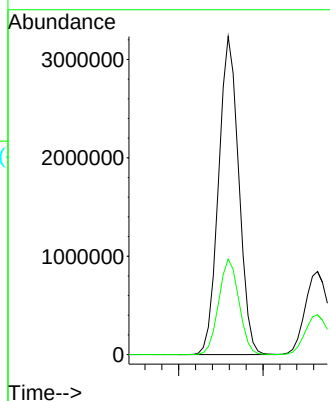
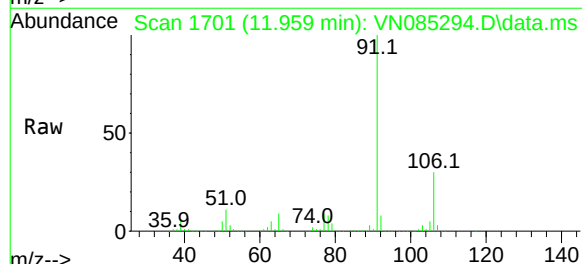
Acq: 23 Dec 2024 15:14

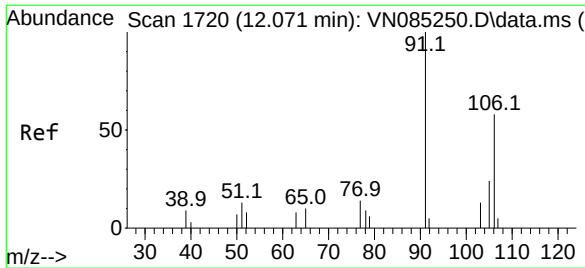
Tgt Ion: 91 Resp: 5381130

Ion Ratio Lower Upper

91 100

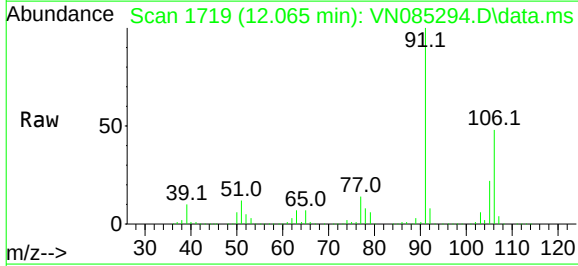
106 30.0 23.5 35.3





#68
m/p-Xylenes
Concen: 179.883 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085294.D
Acq: 23 Dec 2024 15:14

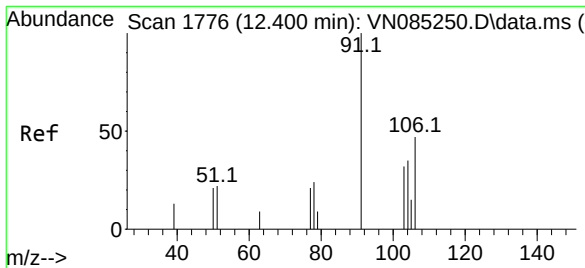
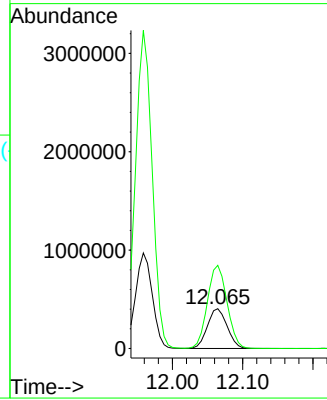
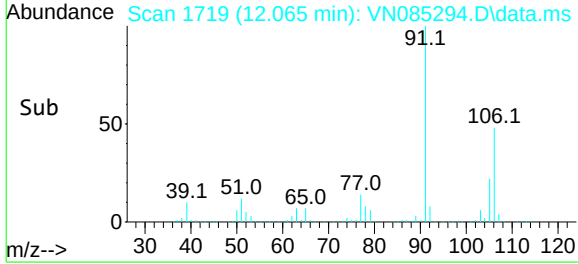
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-2-M



Tgt Ion:106 Resp: 786994
Ion Ratio Lower Upper
106 100
91 208.0 168.3 252.5

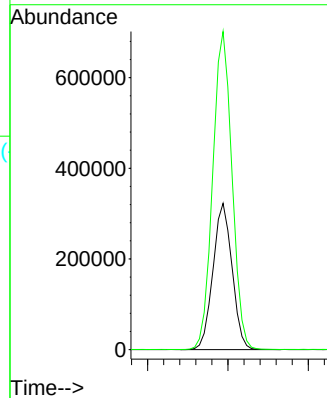
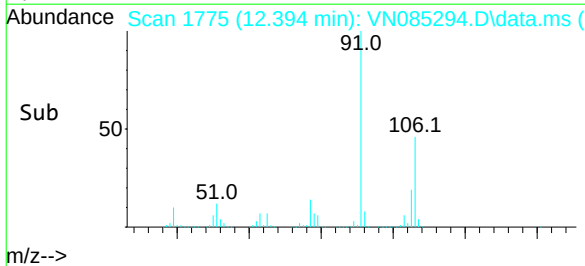
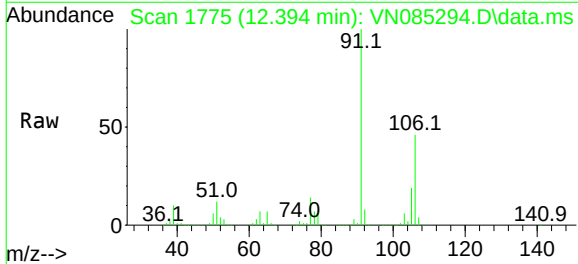
Manual Integrations
APPROVED

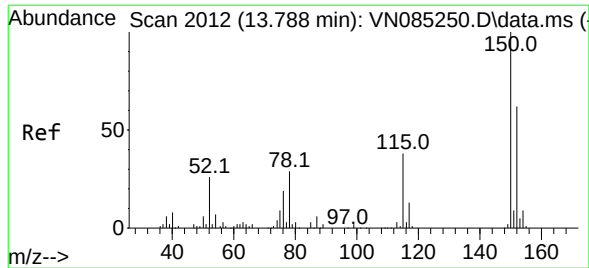
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#69
o-Xylene
Concen: 129.252 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085294.D
Acq: 23 Dec 2024 15:14

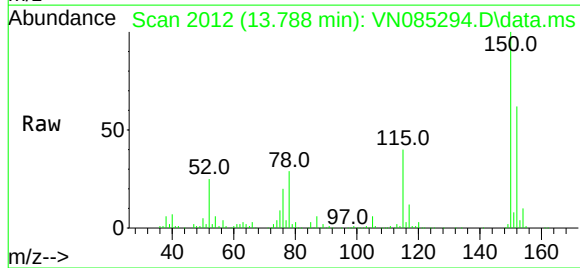
Tgt Ion:106 Resp: 531523
Ion Ratio Lower Upper
106 100
91 219.6 112.1 336.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085294.D
Acq: 23 Dec 2024 15:14

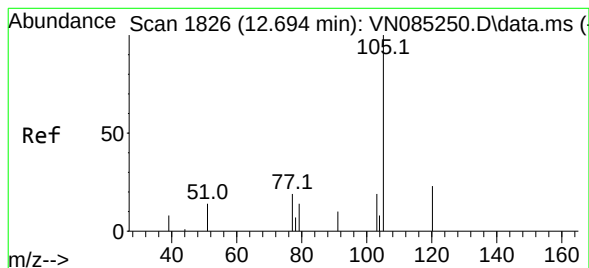
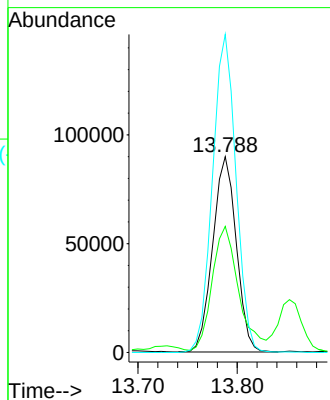
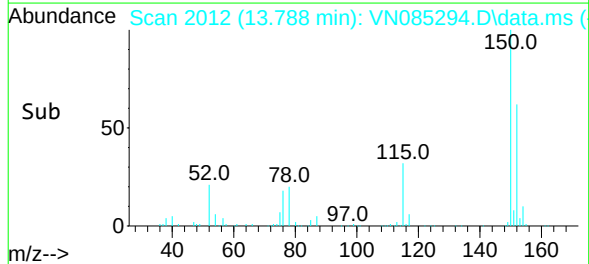
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-2-M



Tgt Ion:152 Resp: 148469
Ion Ratio Lower Upper
152 100
115 70.7 32.1 96.3
150 162.3 0.0 354.6

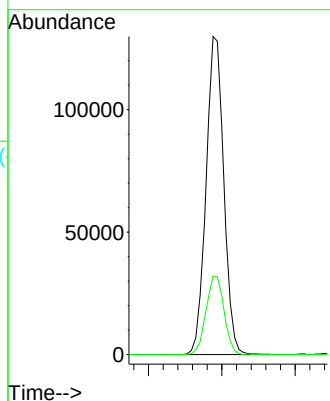
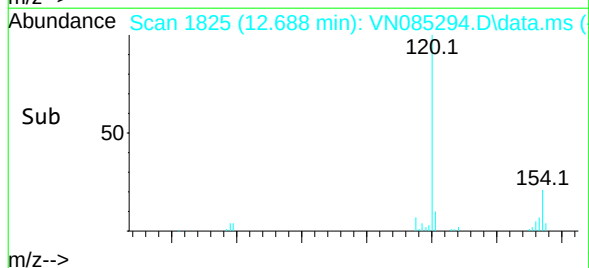
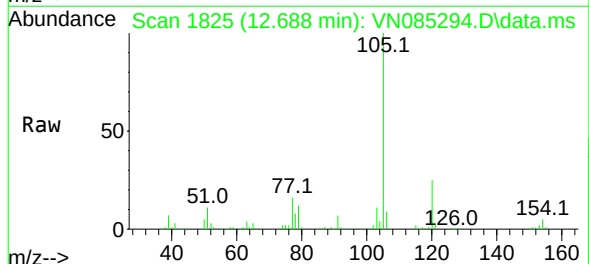
Manual Integrations
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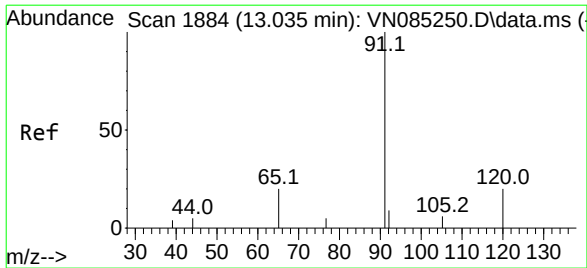
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#73
Isopropylbenzene
Concen: 20.333 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN085294.D
Acq: 23 Dec 2024 15:14

Tgt Ion:105 Resp: 217767
Ion Ratio Lower Upper
105 100
120 25.1 13.0 38.9





#78

n-propylbenzene

Concen: 5.605 ug/l

RT: 13.029 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-2-M

Tgt Ion: 91 Resp: 73620

Ion Ratio Lower Upper

91 100

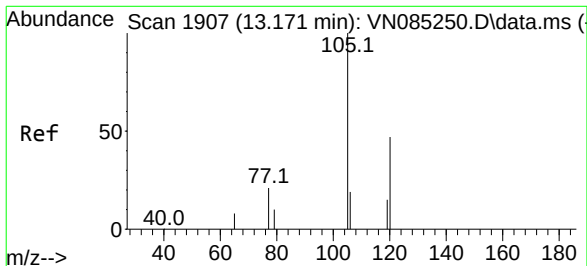
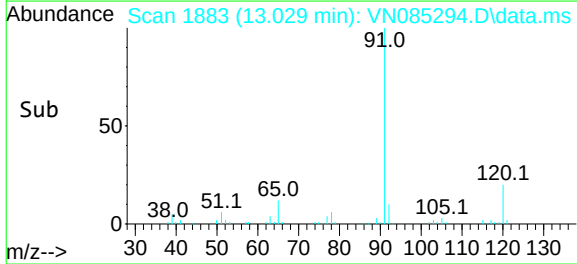
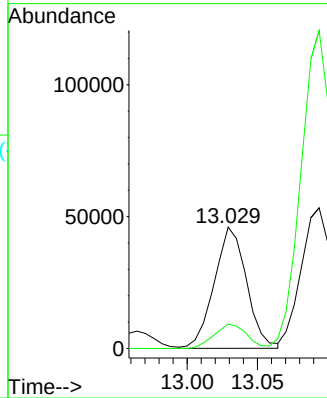
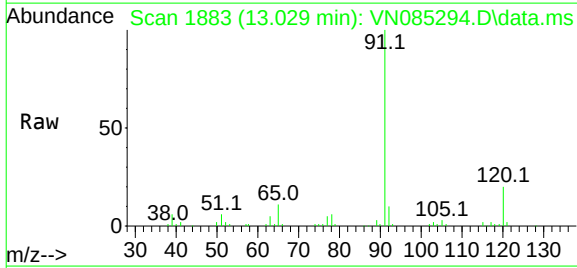
120 20.5 10.8 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#80

1,3,5-Trimethylbenzene

Concen: 18.536 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085294.D

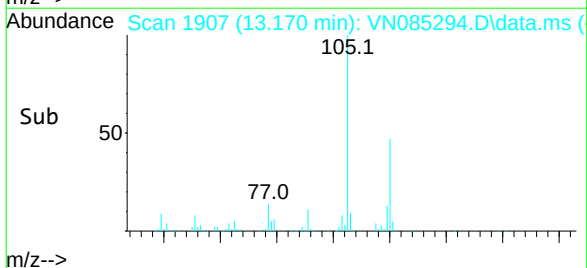
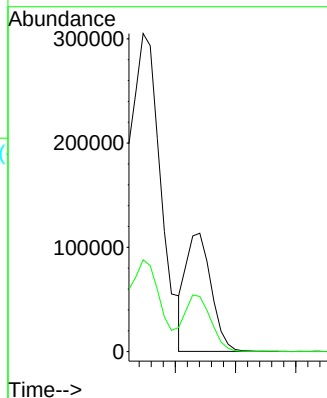
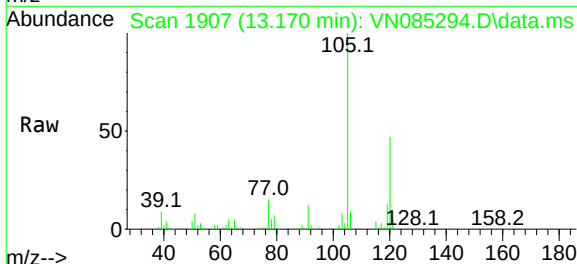
Acq: 23 Dec 2024 15:14

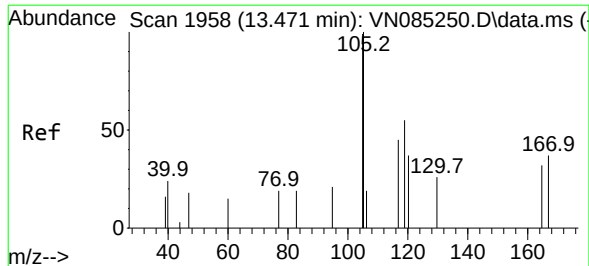
Tgt Ion:105 Resp: 165585

Ion Ratio Lower Upper

105 100

120 52.0 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 72.894 ug/l

RT: 13.476 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-2-M

Tgt Ion:105 Resp: 665630

Ion Ratio Lower Upper

105 100

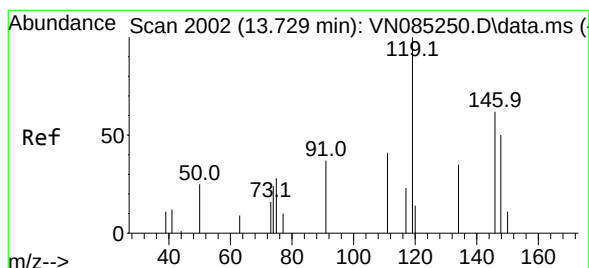
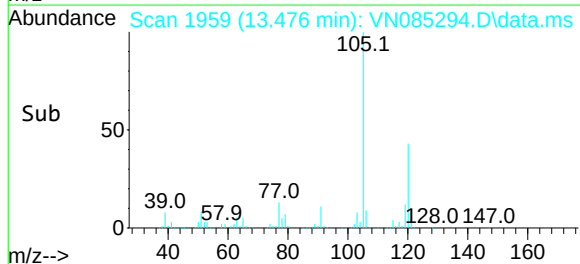
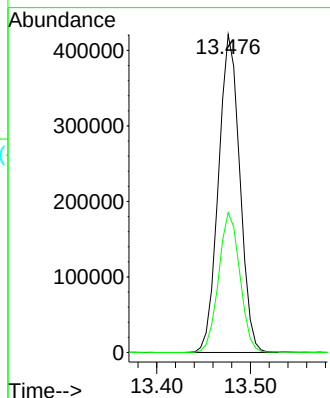
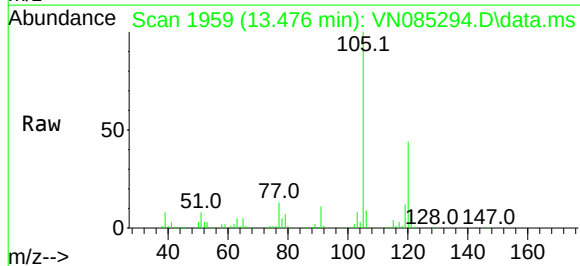
120 43.8 21.8 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#86

p-Isopropyltoluene

Concen: 5.031 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

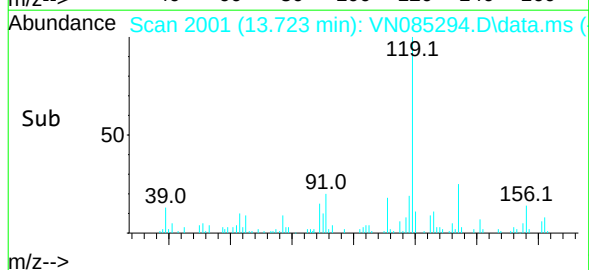
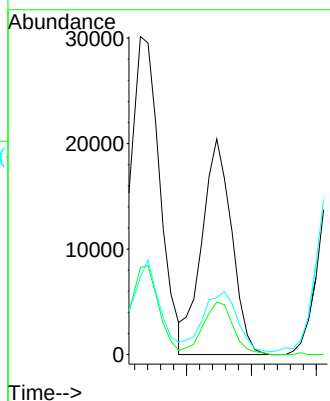
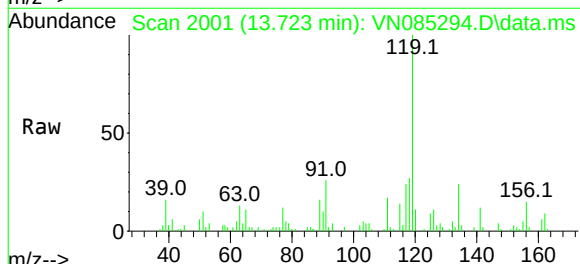
Tgt Ion:119 Resp: 32803

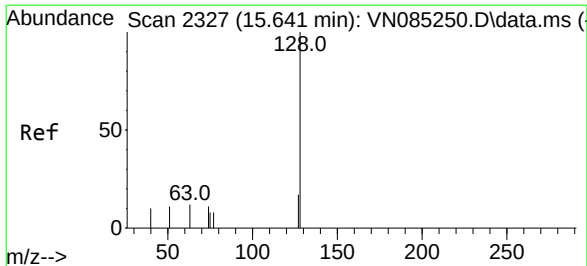
Ion Ratio Lower Upper

119 100

134 24.7 12.5 37.5

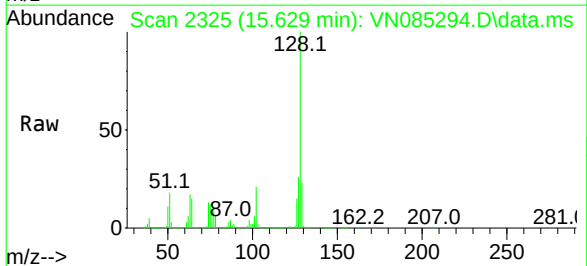
91 0.0 13.0 38.9#





#95
Naphthalene
Concen: 3042.669 ug/l m
RT: 15.629 min Scan# 23
Delta R.T. -0.012 min
Lab File: VN085294.D
Acq: 23 Dec 2024 15:14

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-2-M

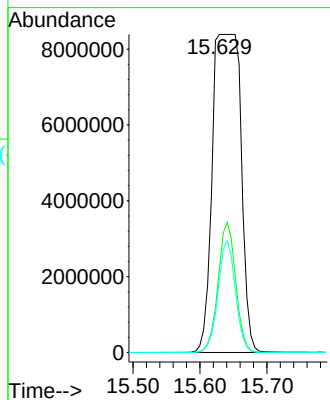
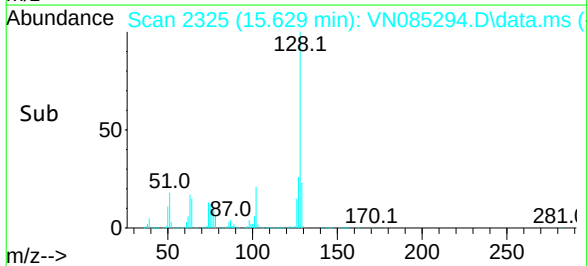


Tgt Ion:128 Resp:24843357

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

Manual Integrations
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Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C10-2-MDL	SDG No.:	P5371
Lab Sample ID:	P5371-02DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085304.D	10		12/23/24 19:11	VN122324

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	24.4	JD	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	110	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	210	D	1.80	50.0	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C10-2-MDL	SDG No.:	P5371
Lab Sample ID:	P5371-02DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085304.D	10		12/23/24 19:11	VN122324

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	470	D	1.60	50.0	ug/L
179601-23-1	m/p-Xylenes	190	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	22.7	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	42.4		70 (74) - 130 (125)	85%	SPK: 50
1868-53-7	Dibromofluoromethane	45.4		70 (75) - 130 (124)	91%	SPK: 50
2037-26-5	Toluene-d8	47.7		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		70 (77) - 130 (121)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	153000	8.218			
540-36-3	1,4-Difluorobenzene	276000	9.094			
3114-55-4	Chlorobenzene-d5	242000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	106000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C10-2-MDL		SDG No.:	P5371	
Lab Sample ID:	P5371-02DL		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085304.D	10		12/23/24 19:11	VN122324

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_N\Data\VN122324\
 Data File : VN085304.D
 Acq On : 23 Dec 2024 19:11
 Operator : JC\MD
 Sample : P5371-02DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C10-2-MDL

Quant Time: Dec 24 04:16:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

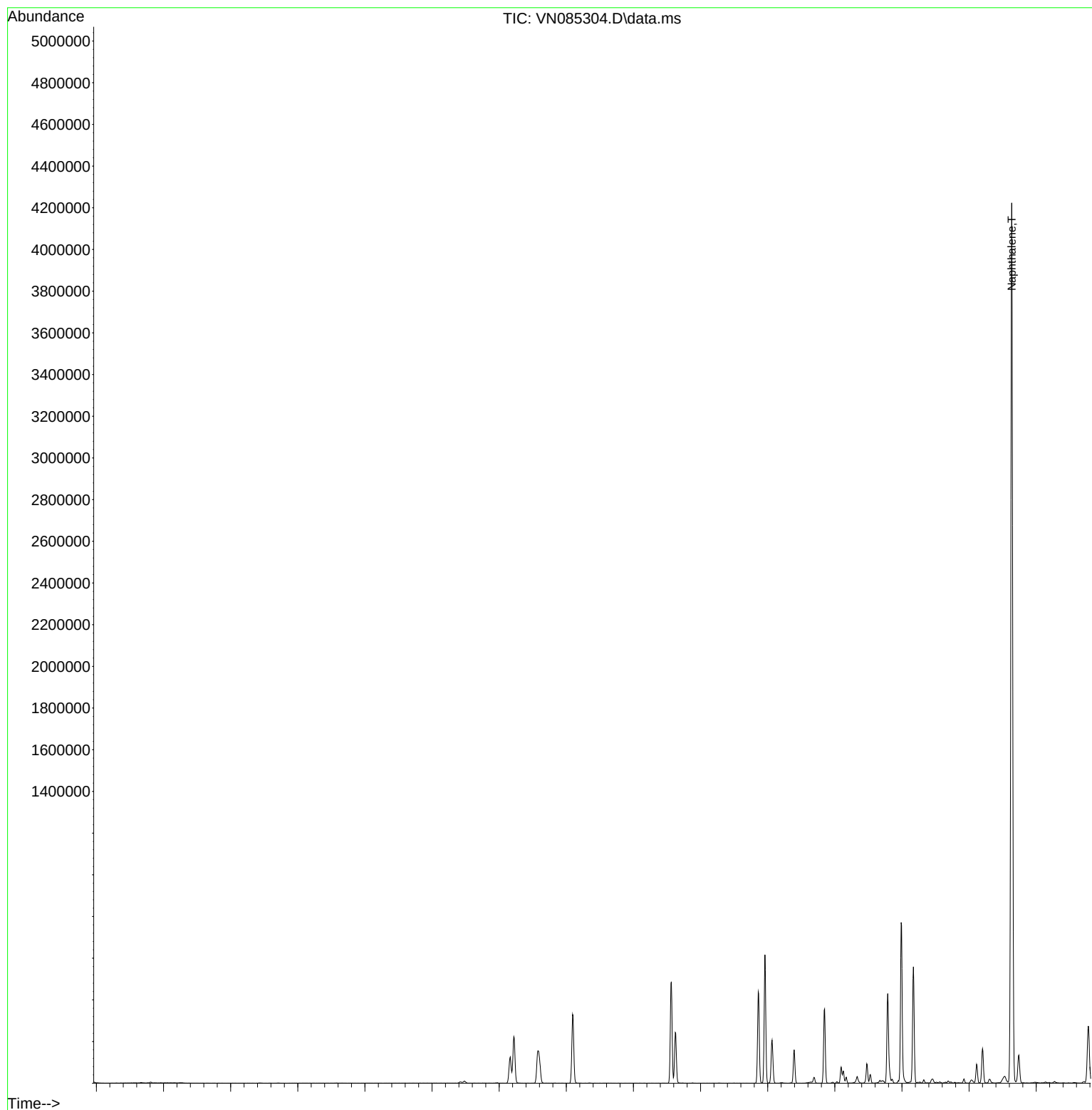
Internal Standards						
1) Pentafluorobenzene	8.218	168	152849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	276135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	242482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	113177	42.364	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	84.720%	
35) Dibromofluoromethane	8.165	113	88191	45.427	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	90.860%	
50) Toluene-d8	10.565	98	338502	47.706	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	95.420%	
62) 4-Bromofluorobenzene	12.847	95	122015	48.144	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	96.280%	
Target Compounds						
27) cis-1,2-Dichloroethene	7.477	96	5470	2.443	ug/l	82
40) Benzene	8.600	78	89780	10.676	ug/l	99
52) Toluene	10.624	92	106835	21.128	ug/l	98
67) Ethyl Benzene	11.959	91	438124	46.896	ug/l	99
68) m/p-Xylenes	12.065	106	65671	18.794	ug/l	97
69) o-Xylene	12.394	106	42010	12.791	ug/l	100
73) Isopropylbenzene	12.688	105	17397	2.269	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	12922	2.020	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	51300	7.846	ug/l	96
86) p-Isopropyltoluene	13.729	119	2643	2.294	ug/l #	74
95) Naphthalene	15.635	128	3748531	641.179	ug/l	99

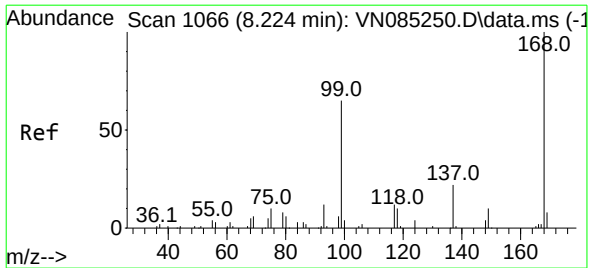
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085304.D
Acq On : 23 Dec 2024 19:11
Operator : JC\MD
Sample : P5371-02DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-2-MDL

Quant Time: Dec 24 04:16:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

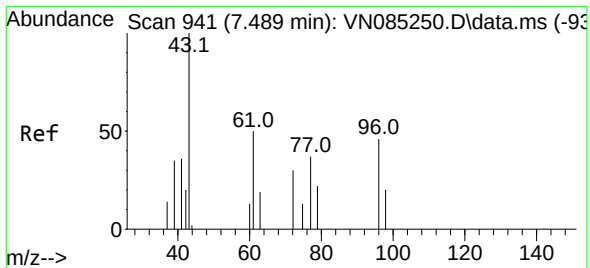
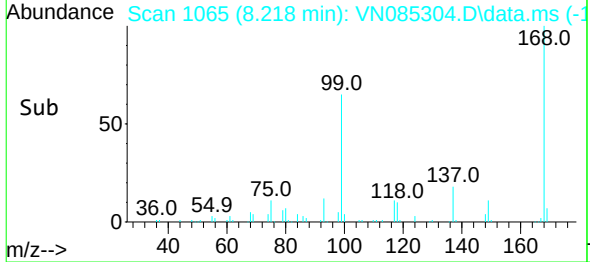
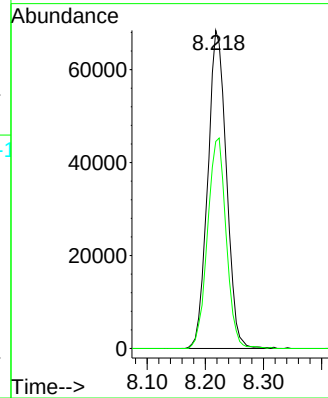
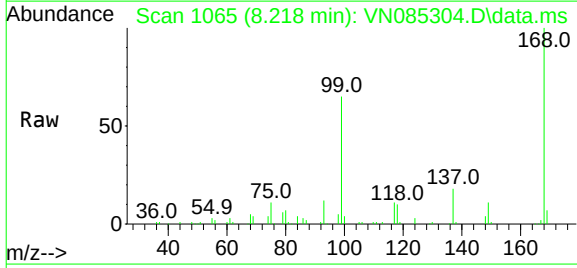




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN085304.D
Acq: 23 Dec 2024 19:11

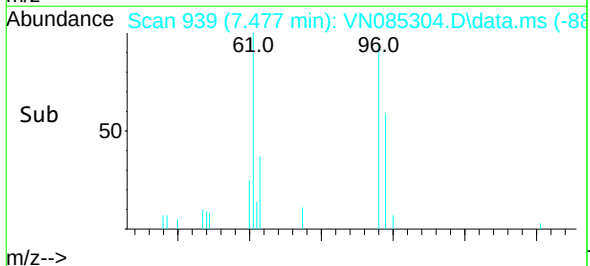
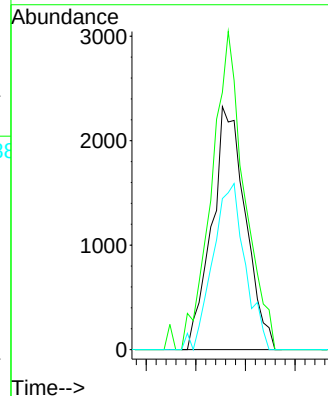
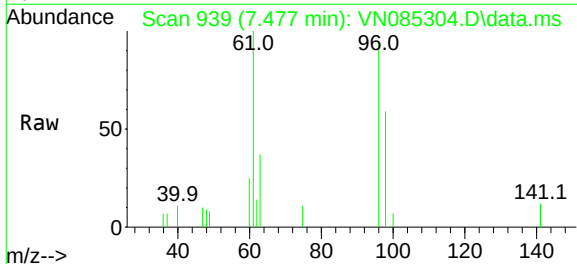
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-2-MDL

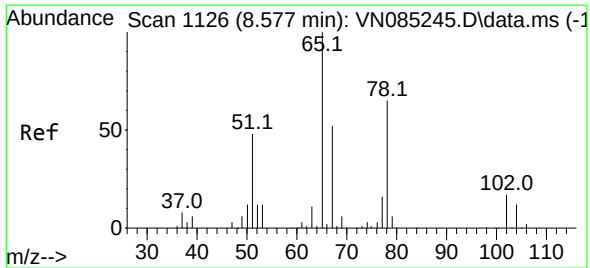
Tgt Ion: 168 Resp: 152849
Ion Ratio Lower Upper
168 100
99 65.1 50.7 76.1



#27
cis-1,2-Dichloroethene
Concen: 2.443 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085304.D
Acq: 23 Dec 2024 19:11

Tgt Ion: 96 Resp: 5470
Ion Ratio Lower Upper
96 100
61 127.7 0.0 316.4
98 65.6 0.0 125.4

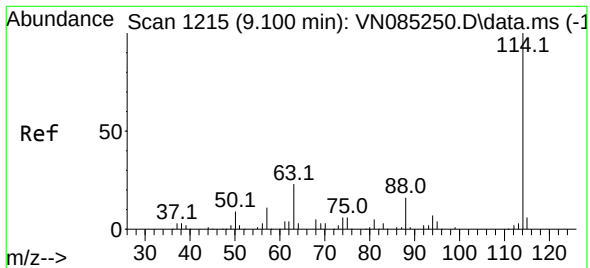
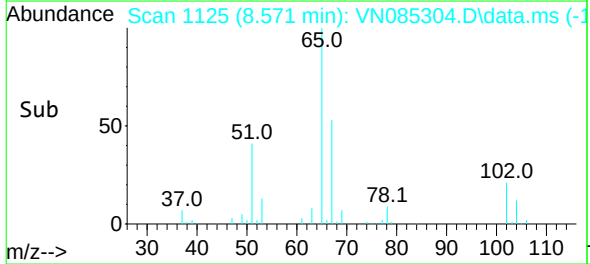
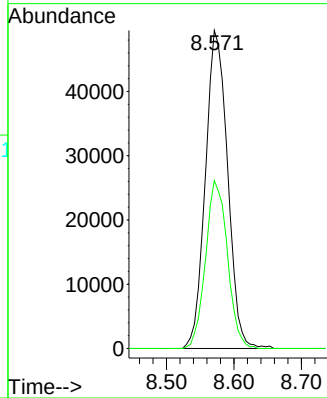
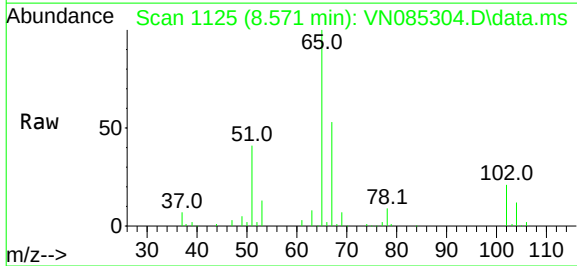




#33
1,2-Dichloroethane-d4
Concen: 42.364 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085304.D
Acq: 23 Dec 2024 19:11

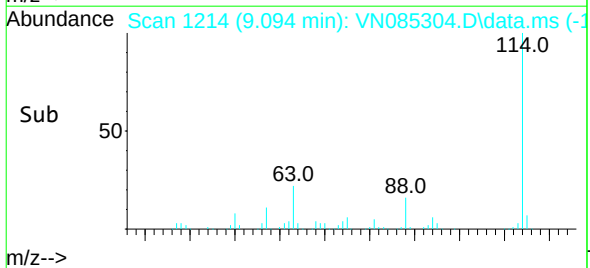
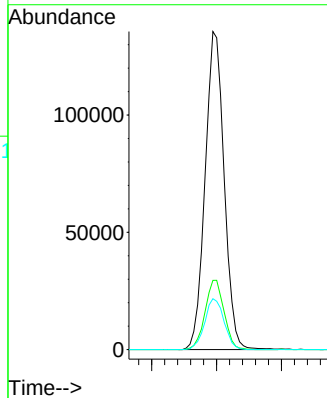
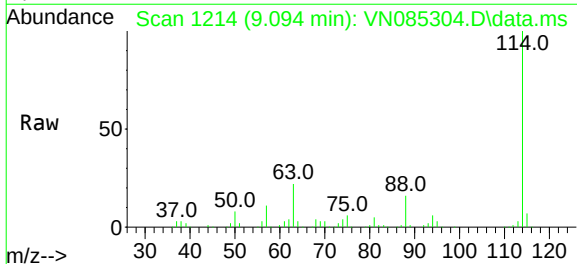
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-2-MDL

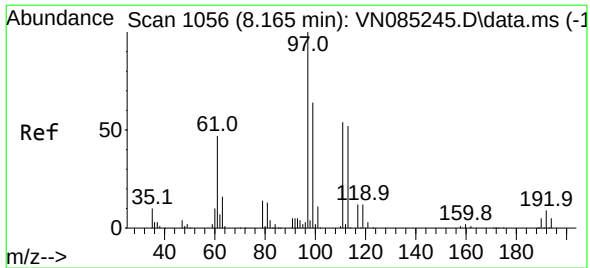
Tgt Ion: 65 Resp: 113177
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085304.D
Acq: 23 Dec 2024 19:11

Tgt Ion: 114 Resp: 276135
Ion Ratio Lower Upper
114 100
63 21.8 0.0 46.2
88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.427 ug/l

RT: 8.165 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN085304.D

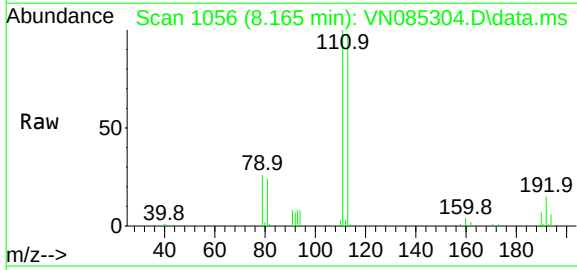
Acq: 23 Dec 2024 19:11

Instrument :

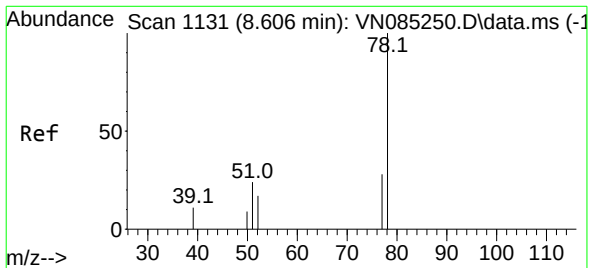
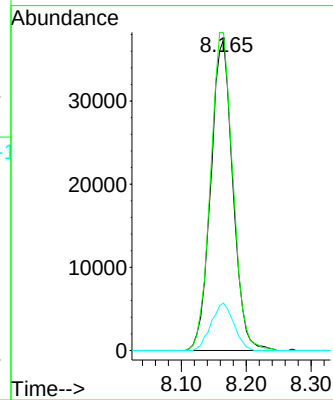
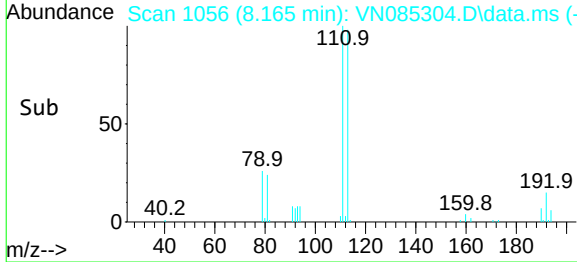
MSVOA_N

ClientSampleId :

SPLP-C10-2-MDL



Tgt Ion:	113	Resp:	88191
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.1	123.1
192	15.7	13.4	20.0



#40

Benzene

Concen: 10.676 ug/l

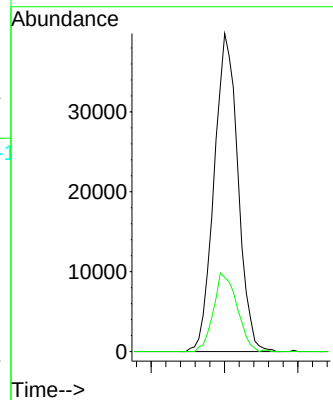
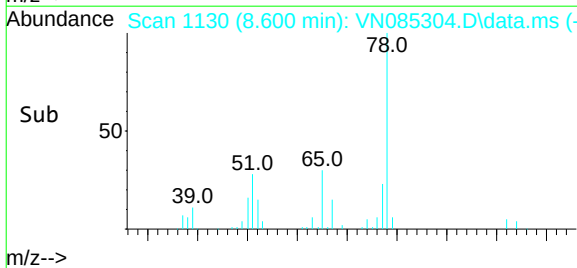
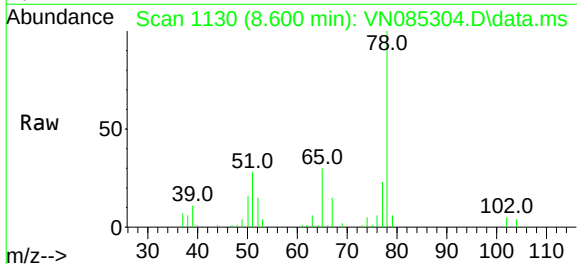
RT: 8.600 min Scan# 1130

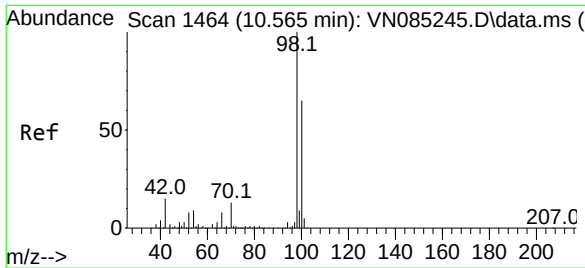
Delta R.T. 0.000 min

Lab File: VN085304.D

Acq: 23 Dec 2024 19:11

Tgt Ion:	78	Resp:	89780
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3





#50

Toluene-d8

Concen: 47.706 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085304.D

Acq: 23 Dec 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

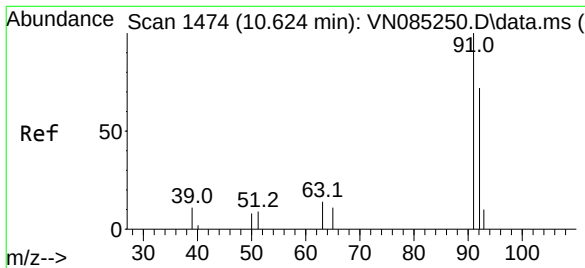
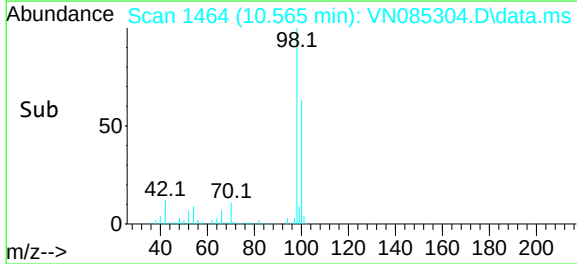
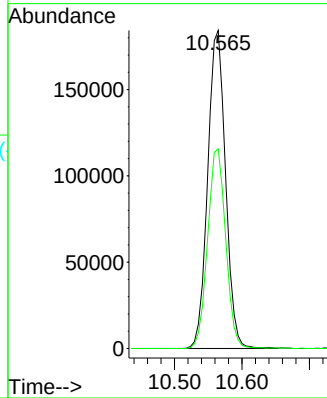
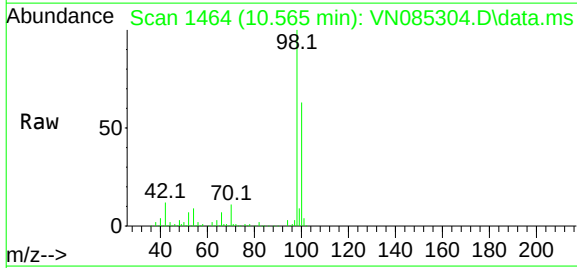
SPLP-C10-2-MDL

Tgt Ion: 98 Resp: 338502

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#52

Toluene

Concen: 21.128 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085304.D

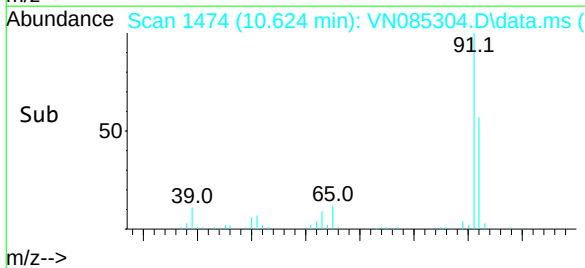
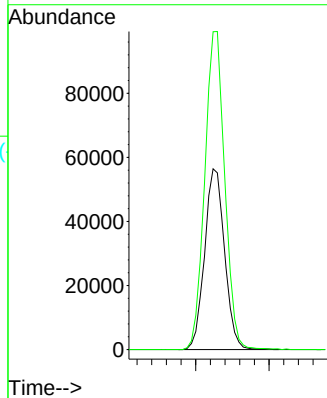
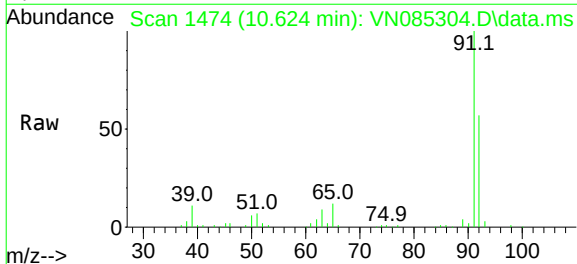
Acq: 23 Dec 2024 19:11

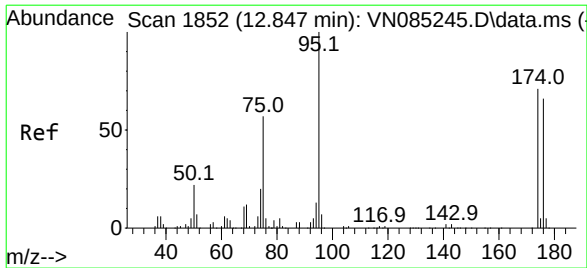
Tgt Ion: 92 Resp: 106835

Ion Ratio Lower Upper

92 100

91 176.2 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 48.144 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085304.D

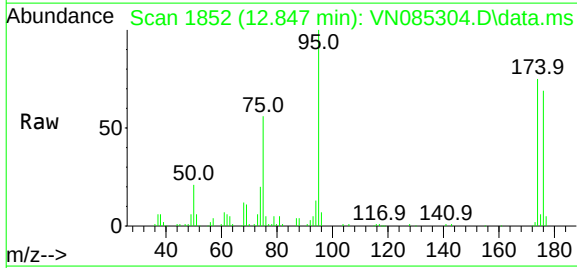
Acq: 23 Dec 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-2-MDL



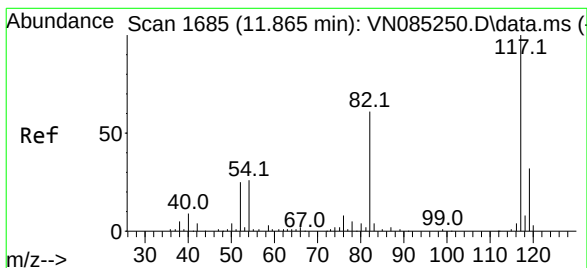
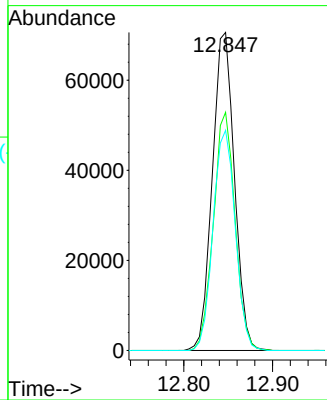
Tgt Ion: 95 Resp: 122015

Ion Ratio Lower Upper

95 100

174 73.4 0.0 144.4

176 69.7 0.0 136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VN085304.D

Acq: 23 Dec 2024 19:11

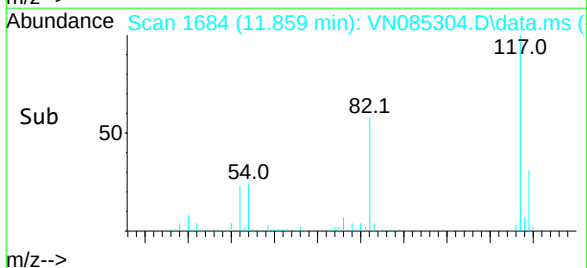
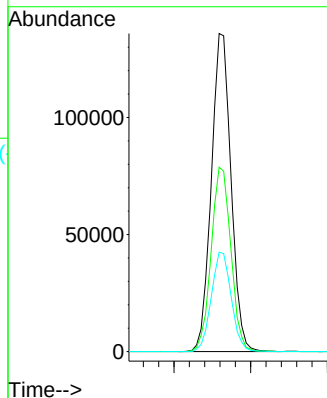
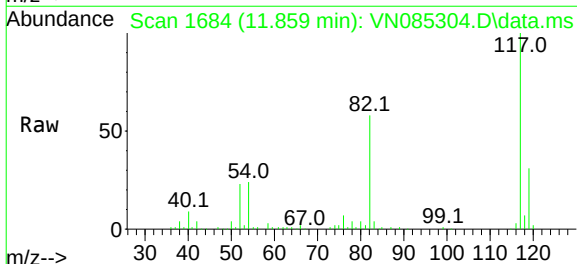
Tgt Ion: 117 Resp: 242482

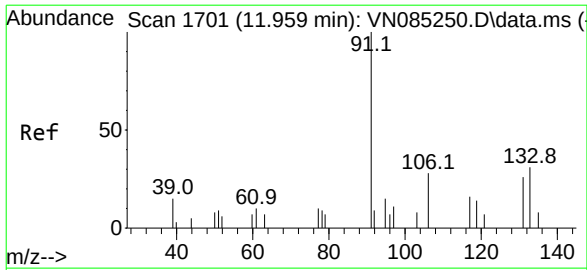
Ion Ratio Lower Upper

117 100

82 58.0 47.4 71.2

119 31.3 25.6 38.4





#67

Ethyl Benzene

Concen: 46.896 ug/l

RT: 11.959 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085304.D

Acq: 23 Dec 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

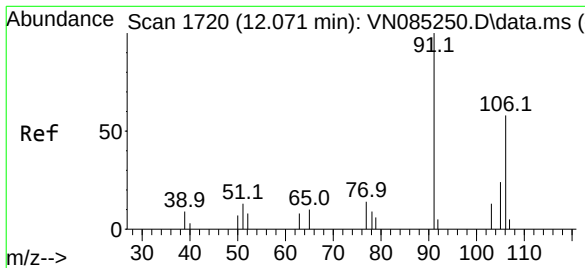
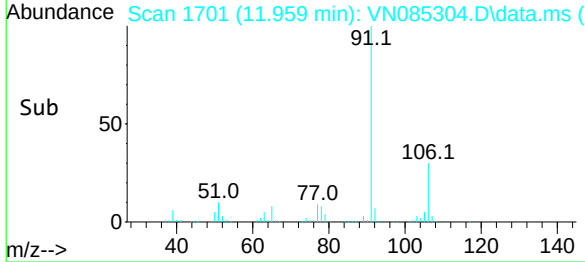
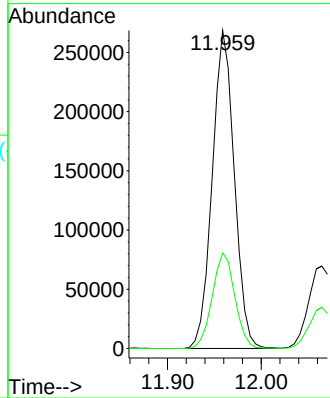
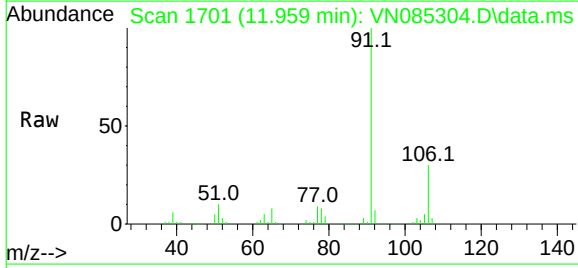
SPLP-C10-2-MDL

Tgt Ion: 91 Resp: 438124

Ion Ratio Lower Upper

91 100

106 30.0 23.5 35.3



#68

m/p-Xylenes

Concen: 18.794 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085304.D

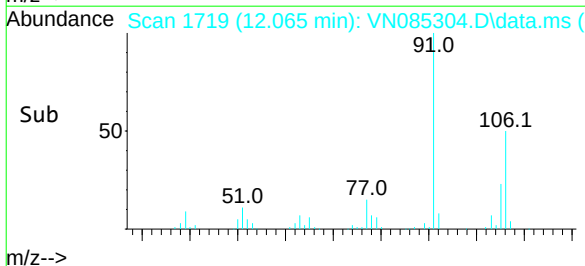
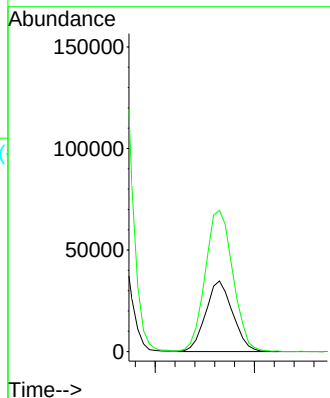
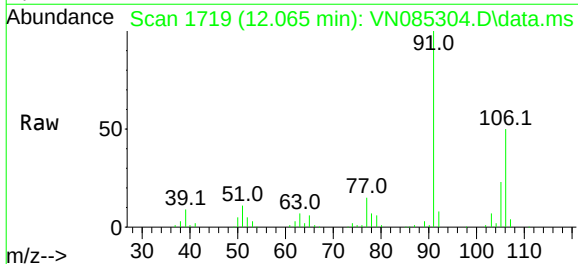
Acq: 23 Dec 2024 19:11

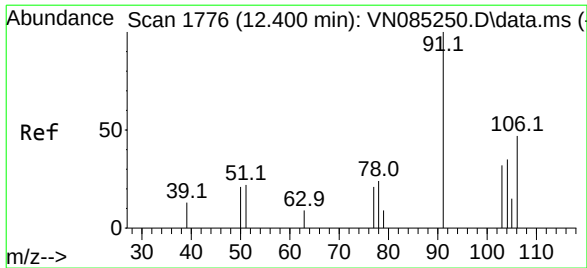
Tgt Ion: 106 Resp: 65671

Ion Ratio Lower Upper

106 100

91 206.3 168.3 252.5





#69

o-Xylene

Concen: 12.791 ug/l

RT: 12.394 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085304.D

Acq: 23 Dec 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

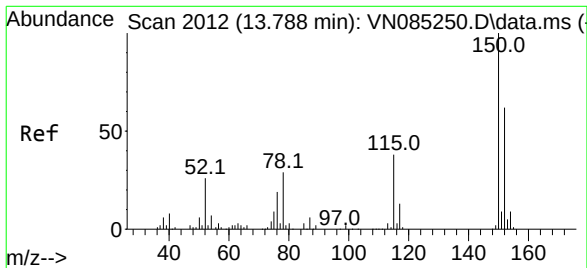
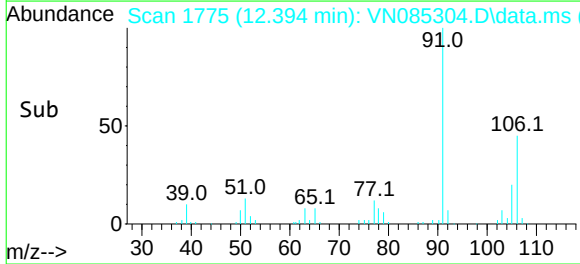
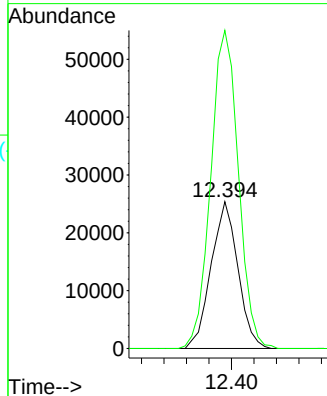
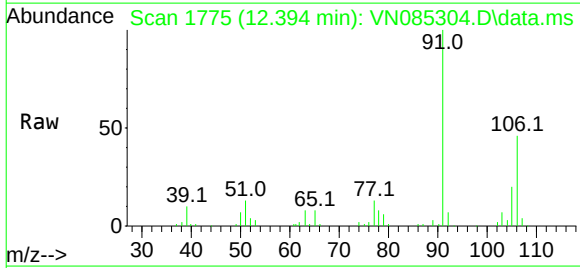
SPLP-C10-2-MDL

Tgt Ion:106 Resp: 42010

Ion Ratio Lower Upper

106 100

91 223.6 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085304.D

Acq: 23 Dec 2024 19:11

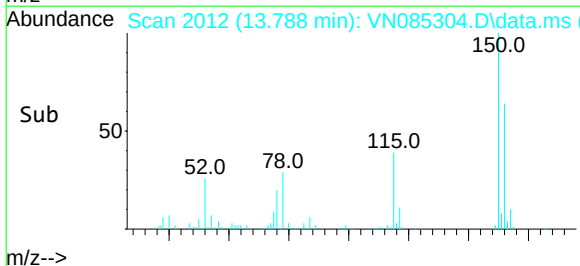
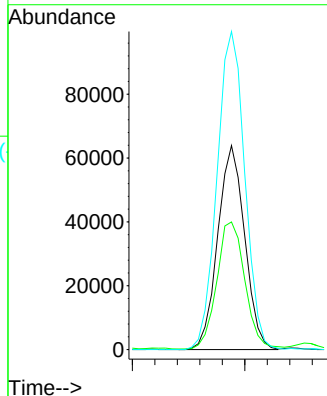
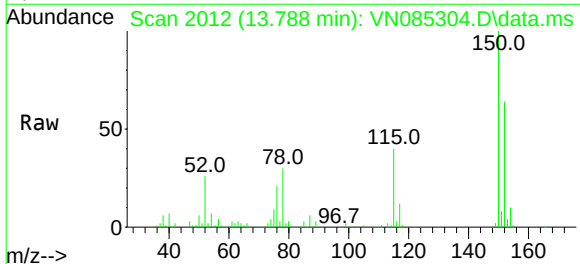
Tgt Ion:152 Resp: 106307

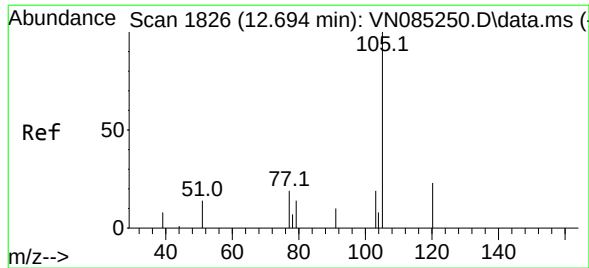
Ion Ratio Lower Upper

152 100

115 64.9 32.1 96.3

150 160.6 0.0 354.6





#73

Isopropylbenzene

Concen: 2.269 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.006 min

Lab File: VN085304.D

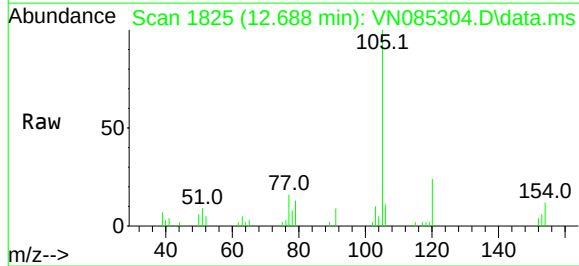
Acq: 23 Dec 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-2-MDL

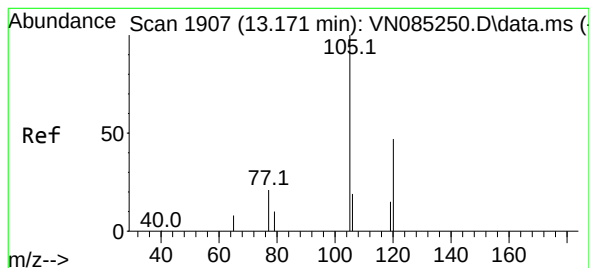
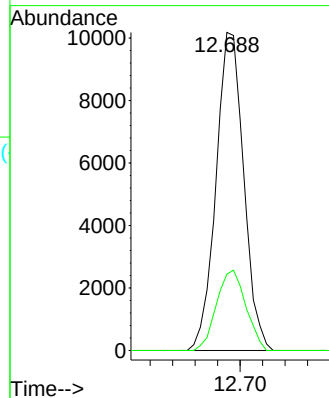
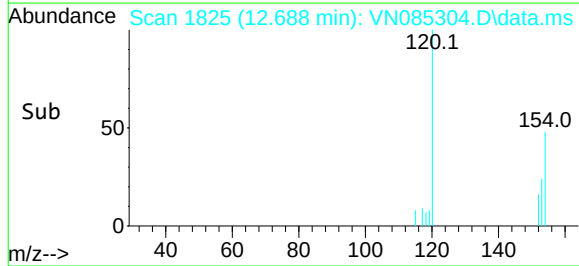


Tgt Ion:105 Resp: 17397

Ion Ratio Lower Upper

105 100

120 26.7 13.0 38.9



#80

1,3,5-Trimethylbenzene

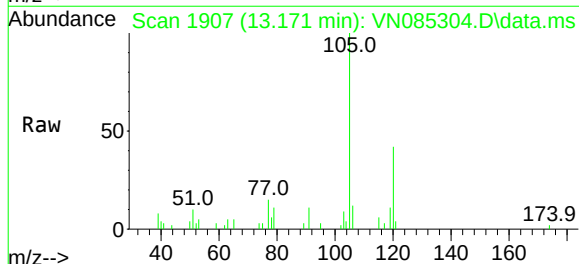
Concen: 2.020 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085304.D

Acq: 23 Dec 2024 19:11

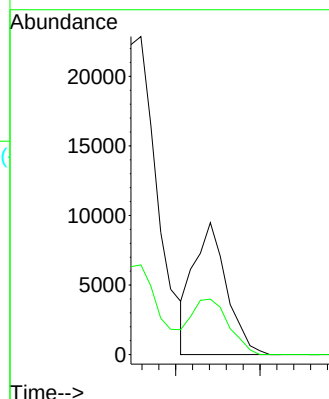
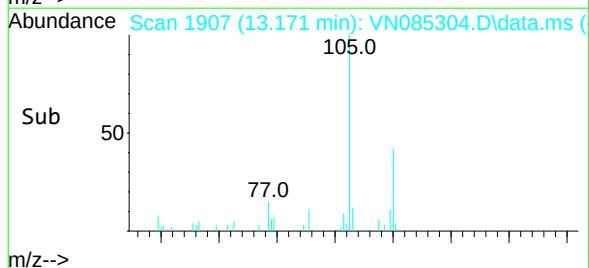


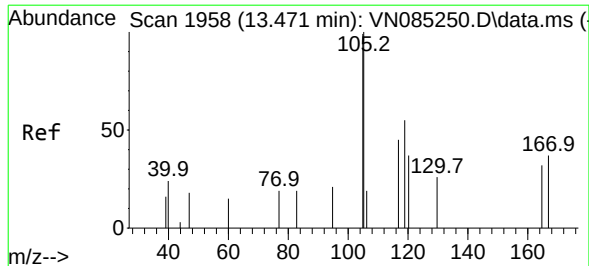
Tgt Ion:105 Resp: 12922

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 7.846 ug/l

RT: 13.476 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VN085304.D

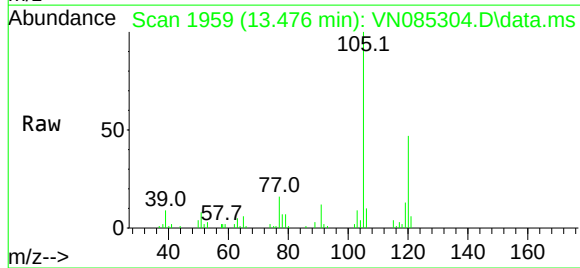
Acq: 23 Dec 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-2-MDL

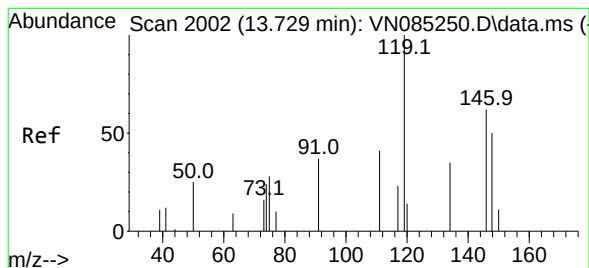
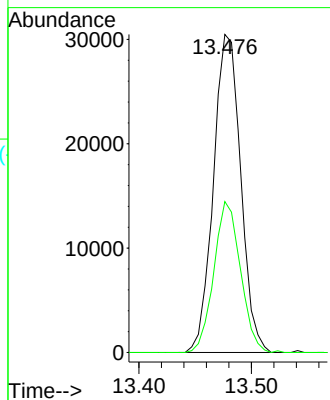
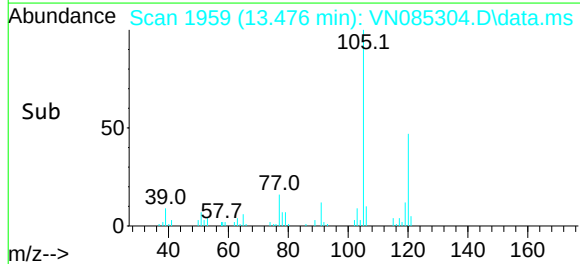


Tgt Ion:105 Resp: 51300

Ion Ratio Lower Upper

105 100

120 46.3 21.8 65.3



#86

p-Isopropyltoluene

Concen: 2.294 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085304.D

Acq: 23 Dec 2024 19:11

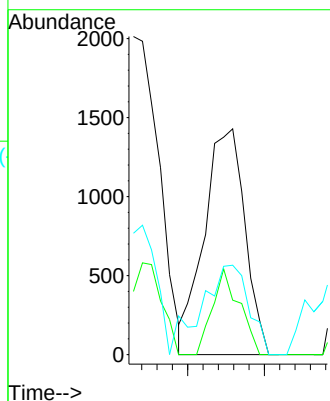
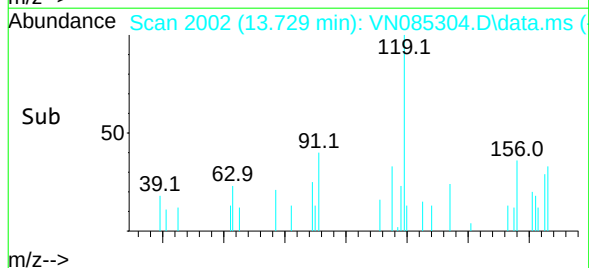
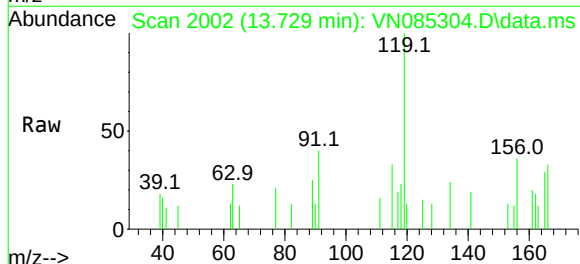
Tgt Ion:119 Resp: 2643

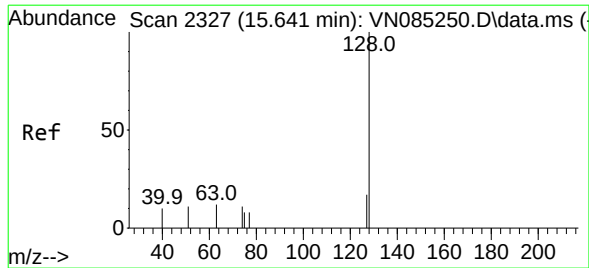
Ion Ratio Lower Upper

119 100

134 25.0 12.5 37.5

91 0.0 13.0 38.9#





#95

Naphthalene

Concen: 641.179 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085304.D

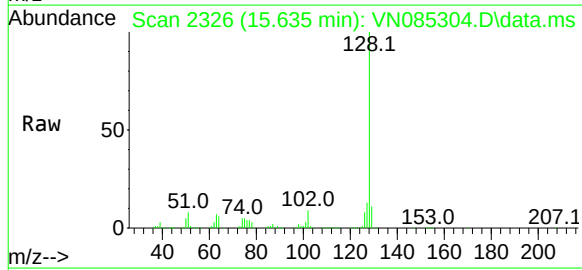
Acq: 23 Dec 2024 19:11

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-2-MDL



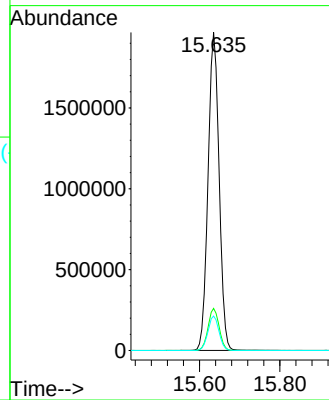
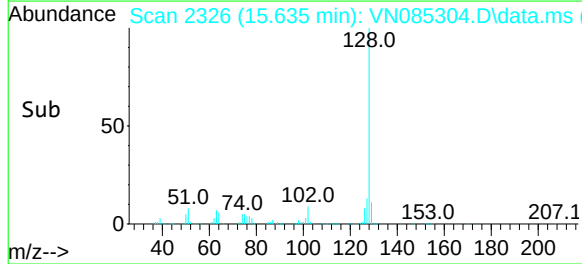
Tgt Ion:128 Resp: 3748531

Ion	Ratio	Lower	Upper

128	100		

127	13.3	10.3	15.5

129	10.9	8.6	13.0



Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C10-3-M	SDG No.:	P5371
Lab Sample ID:	P5371-03	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085295.D	1		12/23/24 15:37	VN122324

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	1.80	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	27.3		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	33.2		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	3.00	J	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	1.10	J	0.19	5.00	ug/L
71-43-2	Benzene	180	E	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	3.20	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	280	E	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C10-3-M	SDG No.:	P5371
Lab Sample ID:	P5371-03	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085295.D	1		12/23/24 15:37	VN122324

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	760	E	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	270	E	0.31	10.0	ug/L
95-47-6	o-Xylene	190	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	34.5		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	41.4		70 (74) - 130 (125)	83%	SPK: 50
1868-53-7	Dibromofluoromethane	32.7	*	70 (75) - 130 (124)	65%	SPK: 50
2037-26-5	Toluene-d8	47.9		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	205000	8.218			
540-36-3	1,4-Difluorobenzene	354000	9.094			
3114-55-4	Chlorobenzene-d5	317000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	148000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C10-3-M		SDG No.:	P5371	
Lab Sample ID:	P5371-03		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085295.D	1		12/23/24 15:37	VN122324

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_N\Data\VN122324\
 Data File : VN085295.D
 Acq On : 23 Dec 2024 15:37
 Operator : JC\MD
 Sample : P5371-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C10-3-M

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:11:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	204753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	354047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	317295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	148236	41.421	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.840%		
35) Dibromofluoromethane	8.159	113	81455	32.724	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	65.440%#		
50) Toluene-d8	10.559	98	435397	47.858	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.720%		
62) 4-Bromofluorobenzene	12.841	95	169258	52.088	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.180%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	5259	1.805	ug/l	96
16) Acetone	4.424	43	33725	27.301	ug/l #	84
27) cis-1,2-Dichloroethene	7.483	96	99663	33.221	ug/l	86
30) Chloroform	7.959	83	16220	3.037	ug/l	91
39) Methylcyclohexane	9.600	83	3992	1.107	ug/l	86
40) Benzene	8.600	78	1895752	175.816	ug/l	99
44) Trichloroethene	9.347	130	7707	3.210	ug/l	93
52) Toluene	10.624	92	1838013	283.494	ug/l	100
67) Ethyl Benzene	11.959	91	9269155	758.213	ug/l	98
68) m/p-Xylenes	12.065	106	1220084	266.846	ug/l	99
69) o-Xylene	12.394	106	802299	186.682	ug/l	99
73) Isopropylbenzene	12.688	105	367644	34.462	ug/l	100
78) n-propylbenzene	13.029	91	142911	10.923	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	273738	30.764	ug/l	92
84) 1,2,4-Trimethylbenzene	13.476	105	1091643	120.020	ug/l	99
86) p-Isopropyltoluene	13.723	119	47347	6.417	ug/l #	73
95) Naphthalene	15.623	128	27181822m	3342.240	ug/l	

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

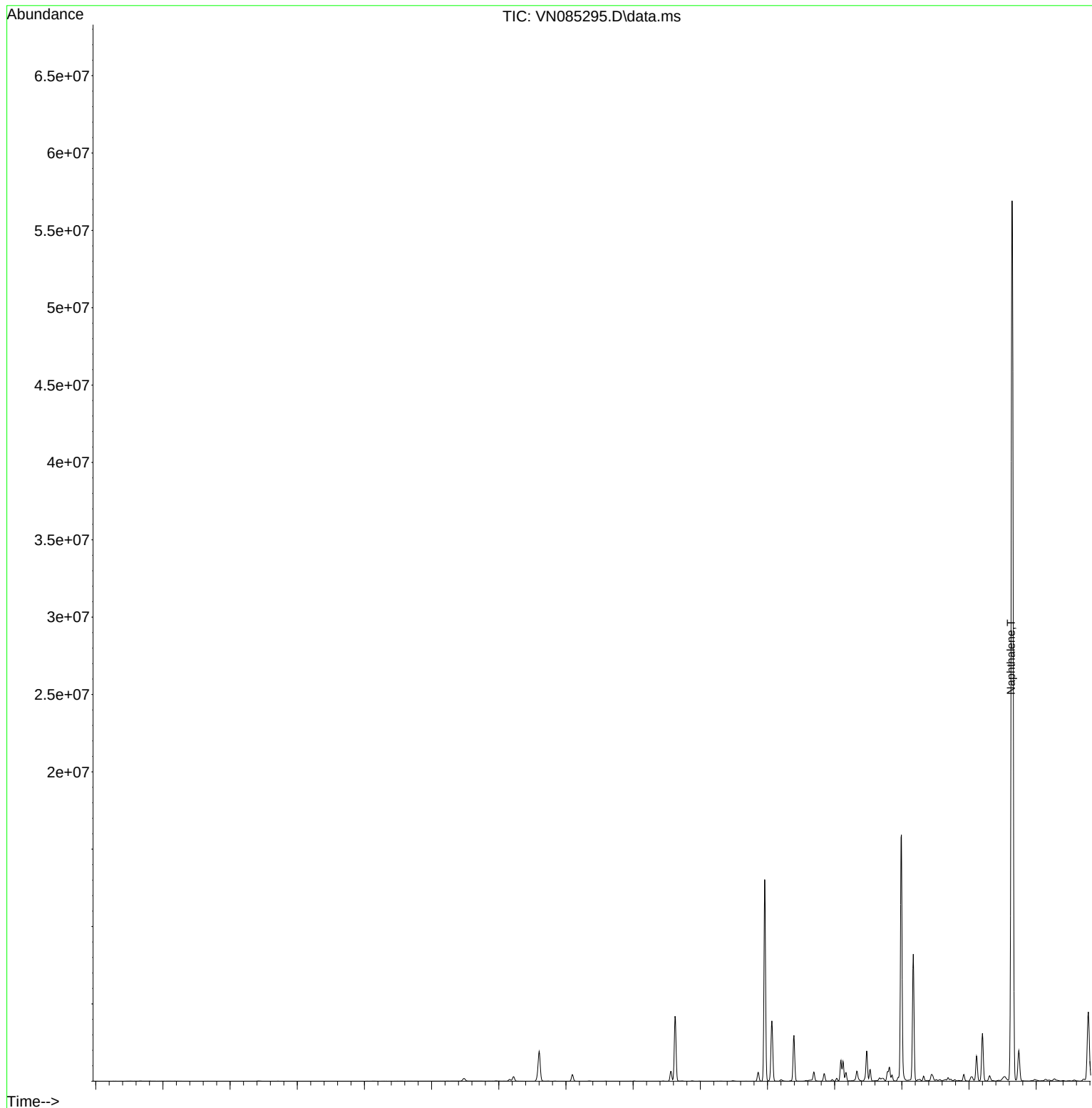
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085295.D
Acq On : 23 Dec 2024 15:37
Operator : JC\MD
Sample : P5371-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

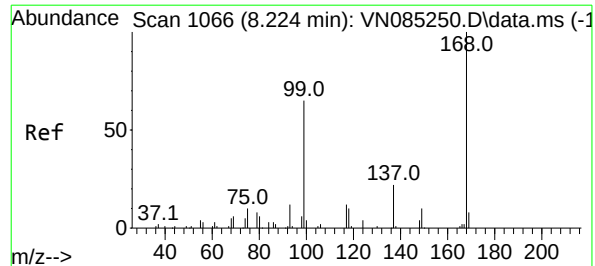
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:11:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration





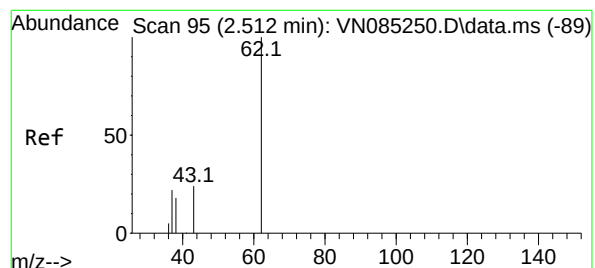
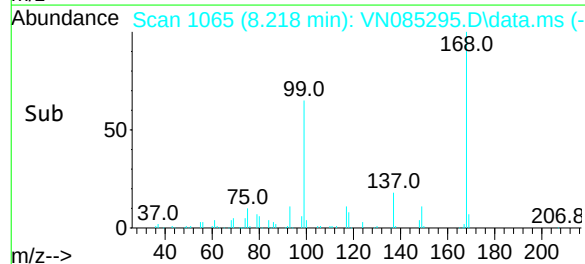
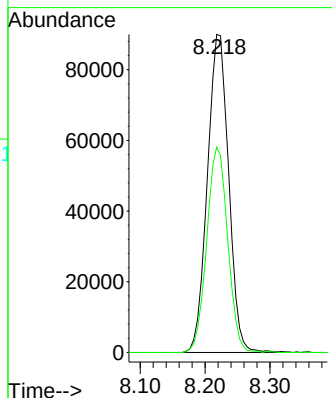
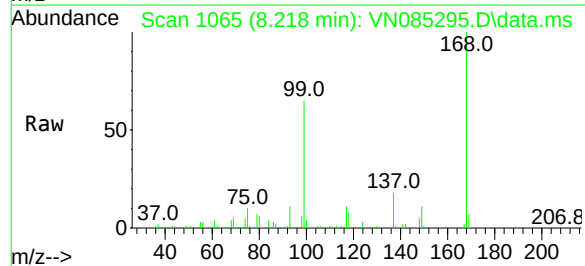
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M

Tgt Ion:168 Resp: 204753
Ion Ratio Lower Upper
168 100
99 64.6 50.7 76.1

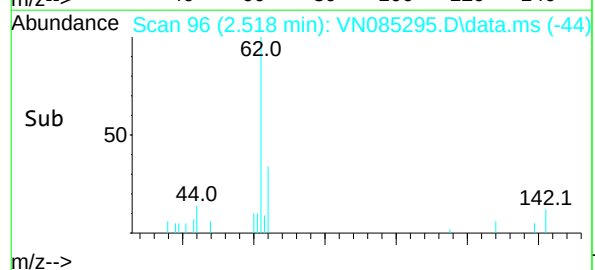
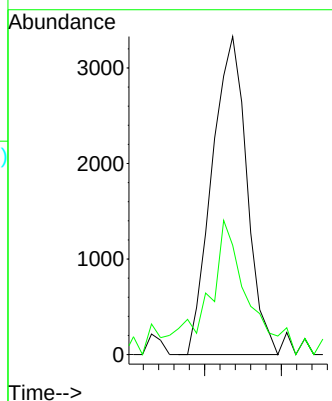
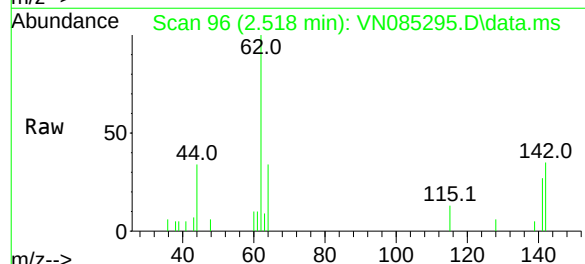
Manual Integrations
APPROVED

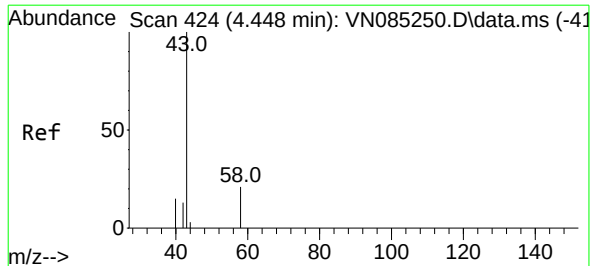
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#4
Vinyl Chloride
Concen: 1.805 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion: 62 Resp: 5259
Ion Ratio Lower Upper
62 100
64 28.5 24.5 36.7





#16

Acetone

Concen: 27.301 ug/l

RT: 4.424 min Scan# 42

Delta R.T. -0.000 min

Lab File: VN085295.D

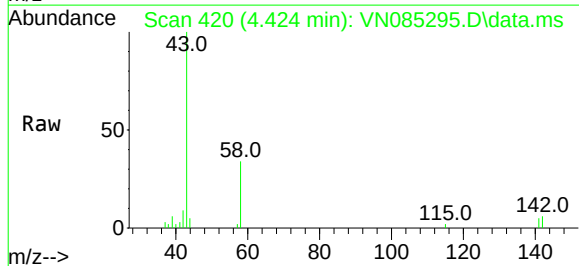
Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-3-M



Tgt Ion: 43 Resp: 33725

Ion Ratio Lower Upper

43 100

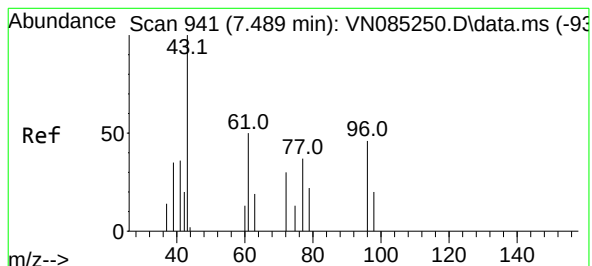
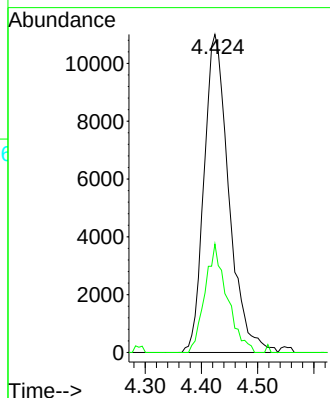
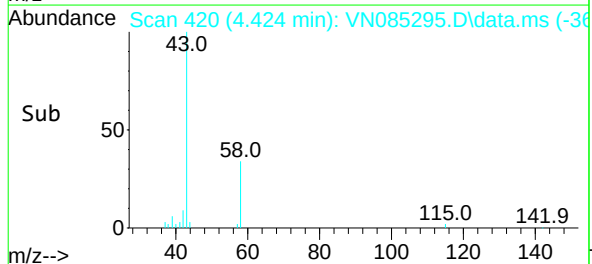
58 34.1 20.8 31.2#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#27

cis-1,2-Dichloroethene

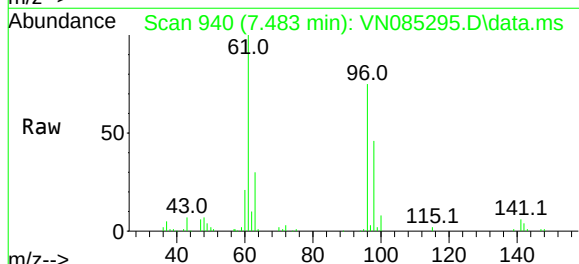
Concen: 33.221 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37



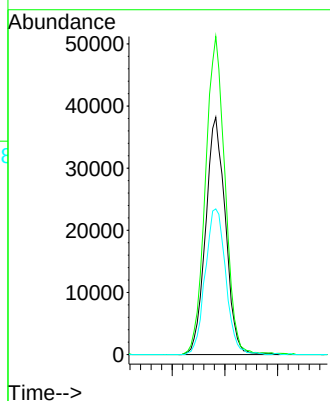
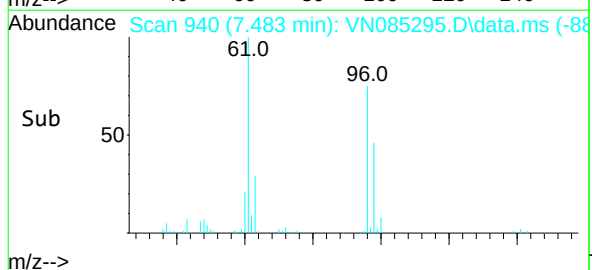
Tgt Ion: 96 Resp: 99663

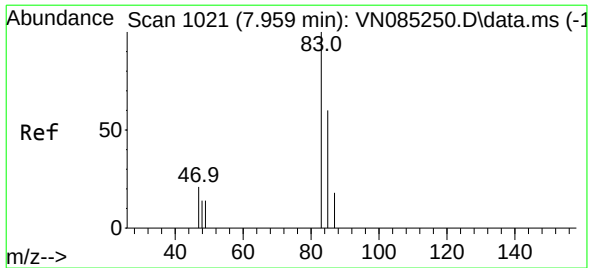
Ion Ratio Lower Upper

96 100

61 132.6 0.0 316.4

98 63.8 0.0 125.4





#30

Chloroform

Concen: 3.037 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-3-M

Tgt Ion: 83 Resp: 16220

Ion Ratio Lower Upper

83 100

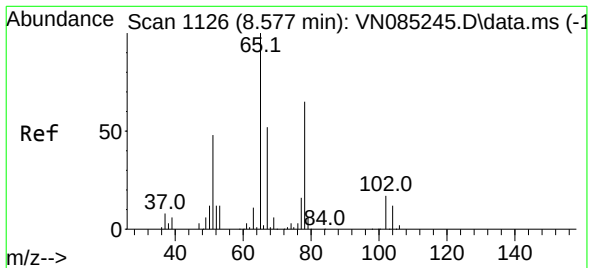
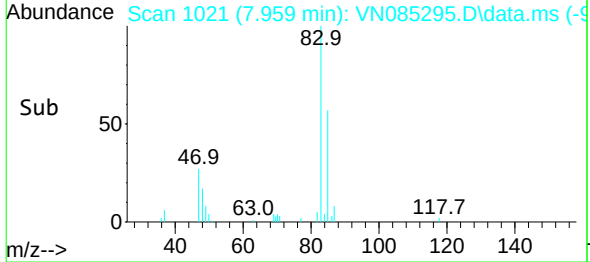
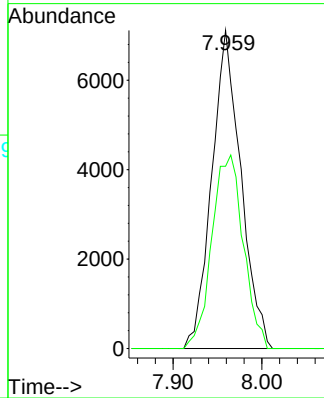
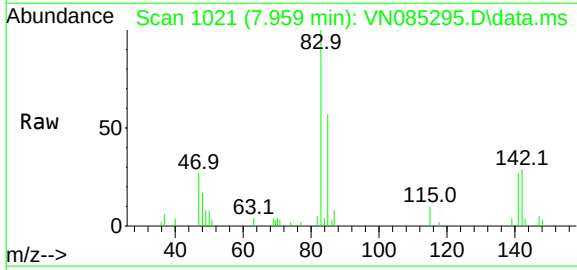
85 57.3 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#33

1,2-Dichloroethane-d4

Concen: 41.421 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN085295.D

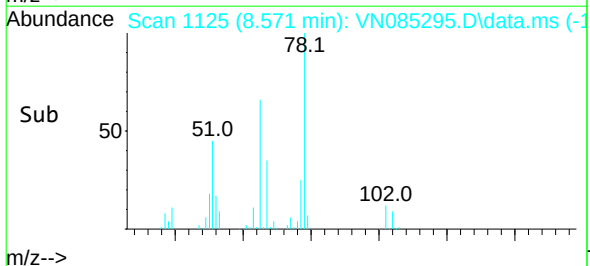
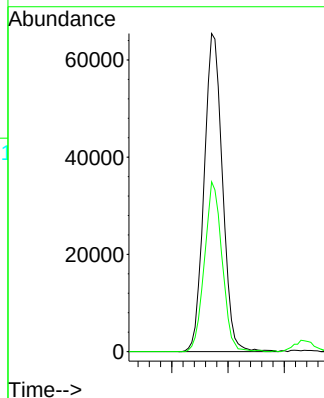
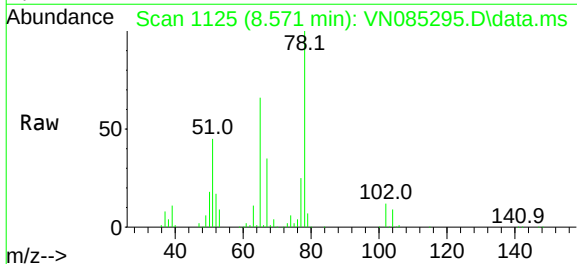
Acq: 23 Dec 2024 15:37

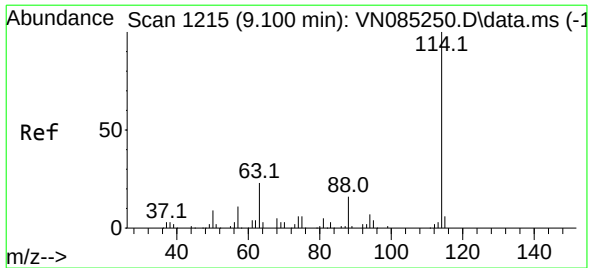
Tgt Ion: 65 Resp: 148236

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN085295.D

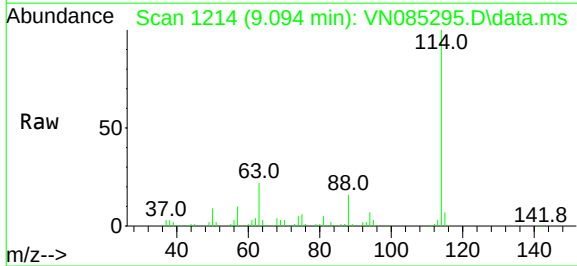
Acq: 23 Dec 2024 15:37

Instrument :

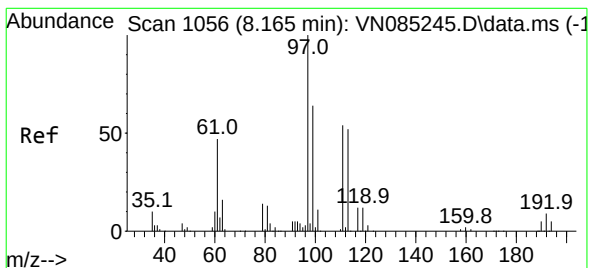
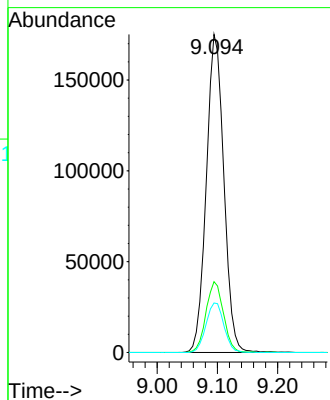
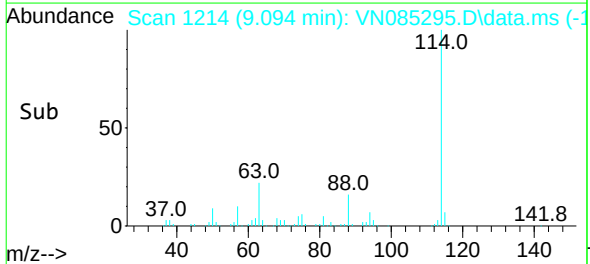
MSVOA_N

ClientSampleId :

SPLP-C10-3-M



Tgt Ion:	114	Resp:	354047
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.2
88	15.6	0.0	32.6

Manual Integrations
APPROVEDReviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

#35

Dibromofluoromethane

Concen: 32.724 ug/l

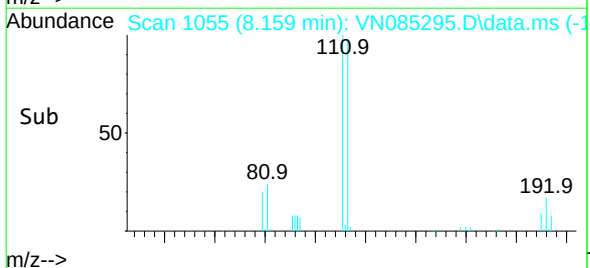
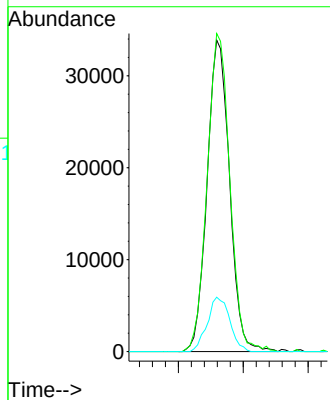
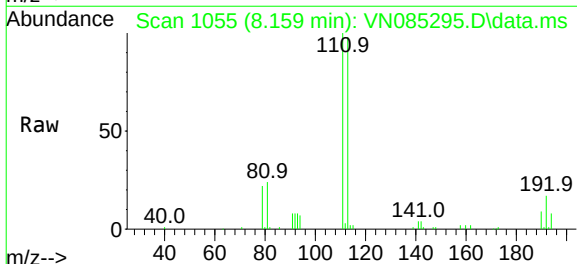
RT: 8.159 min Scan# 1055

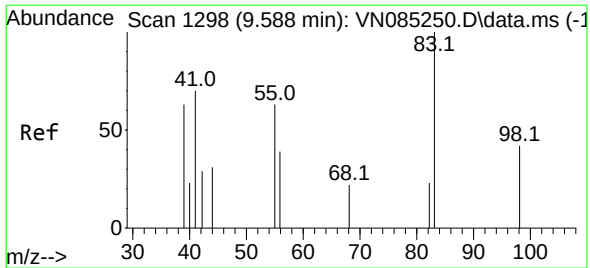
Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Tgt Ion:	113	Resp:	81455
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.1	123.1
192	17.4	13.4	20.0





#39

Methylcyclohexane

Concen: 1.107 ug/l

RT: 9.600 min Scan# 13

Delta R.T. -0.000 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-3-M

Tgt Ion: 83 Resp: 3992

Ion Ratio Lower Upper

83 100

55 71.0 66.8 100.2

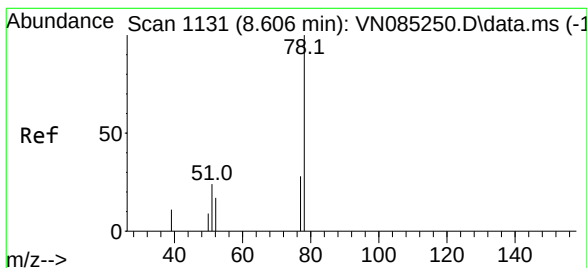
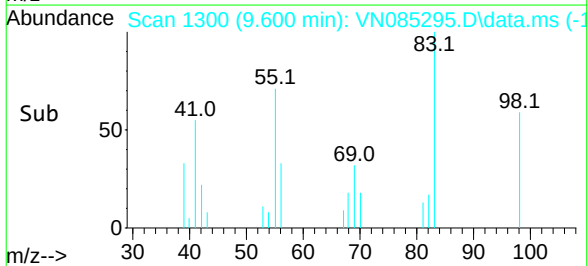
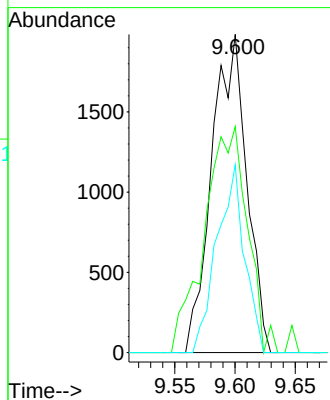
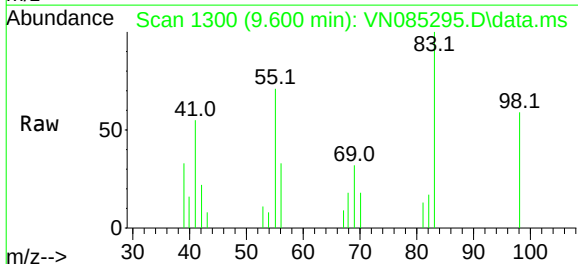
98 59.0 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#40

Benzene

Concen: 175.816 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085295.D

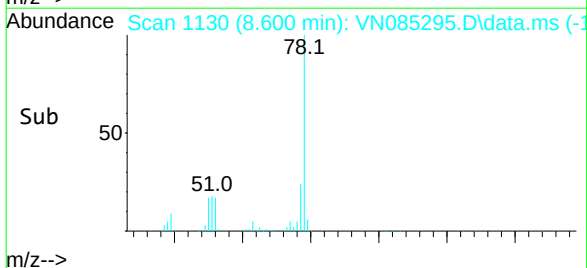
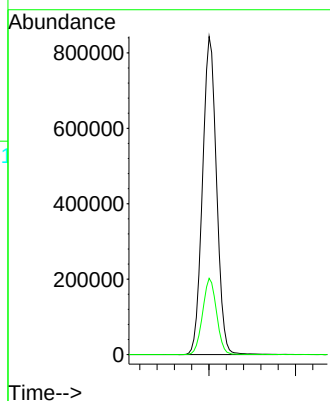
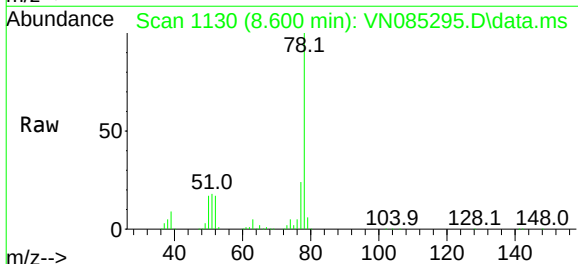
Acq: 23 Dec 2024 15:37

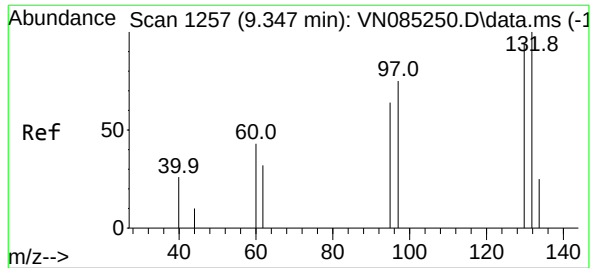
Tgt Ion: 78 Resp: 1895752

Ion Ratio Lower Upper

78 100

77 24.0 18.9 28.3





#44

Trichloroethene

Concen: 3.210 ug/l

RT: 9.347 min Scan# 12

Delta R.T. 0.000 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-3-M

Tgt Ion:130 Resp: 7707

Ion Ratio Lower Upper

130 100

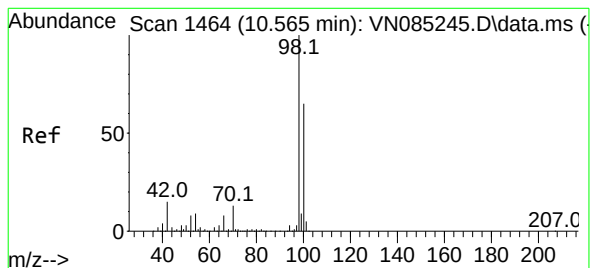
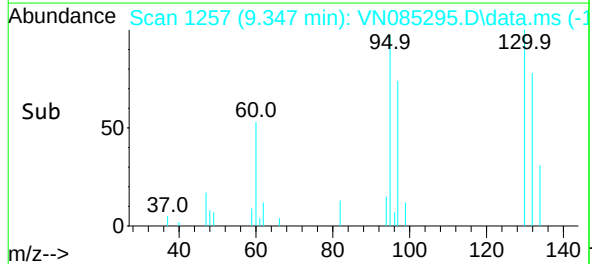
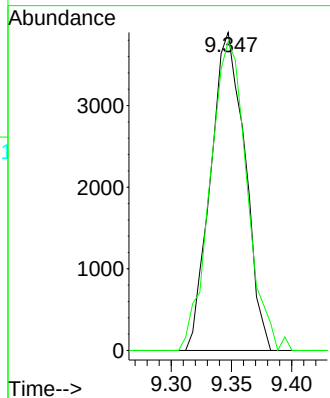
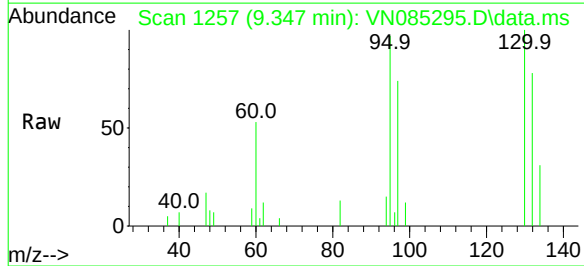
95 97.2 0.0 207.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#50

Toluene-d8

Concen: 47.858 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085295.D

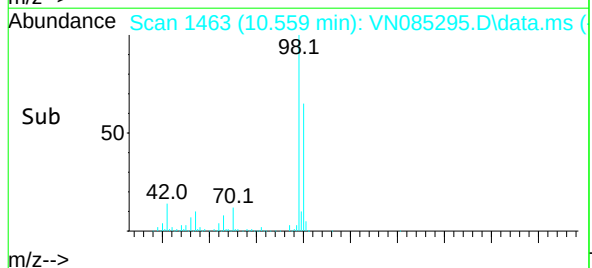
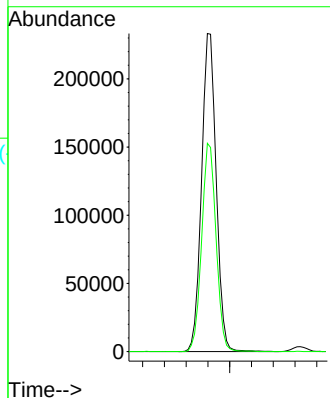
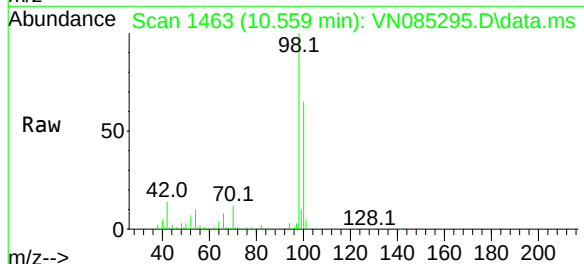
Acq: 23 Dec 2024 15:37

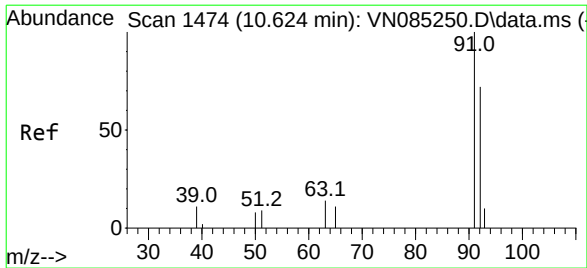
Tgt Ion: 98 Resp: 435397

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4





#52

Toluene

Concen: 283.494 ug/l

RT: 10.624 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-3-M

Tgt Ion: 92 Resp: 1838013

Ion Ratio Lower Upper

92 100

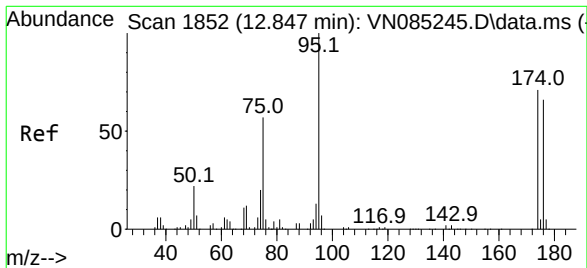
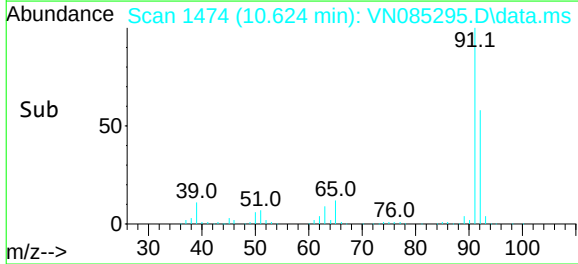
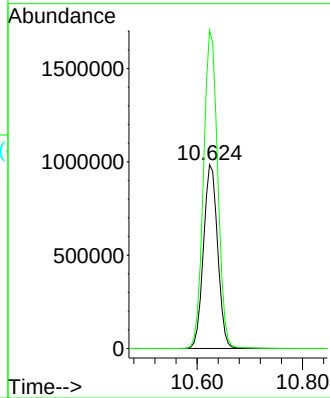
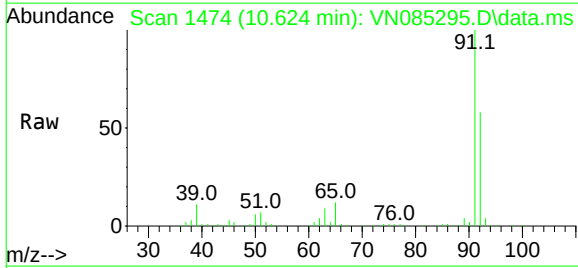
91 173.5 138.9 208.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#62

4-Bromofluorobenzene

Concen: 52.088 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

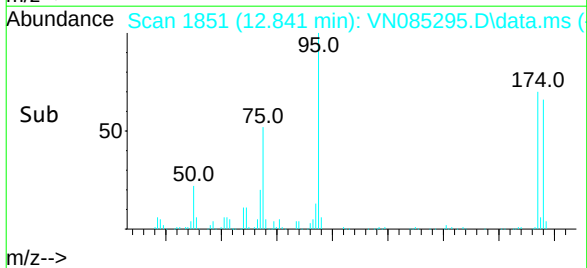
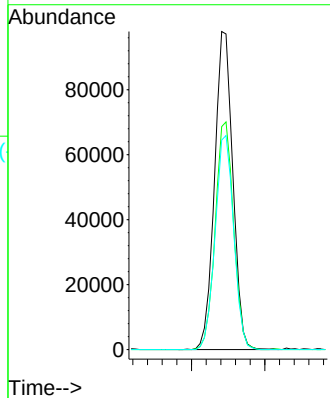
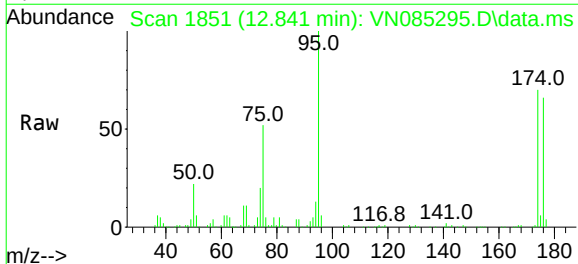
Tgt Ion: 95 Resp: 169258

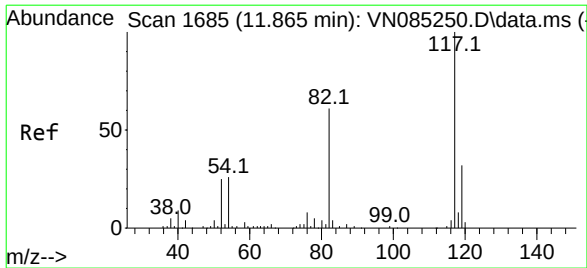
Ion Ratio Lower Upper

95 100

174 71.8 0.0 144.4

176 68.0 0.0 136.6





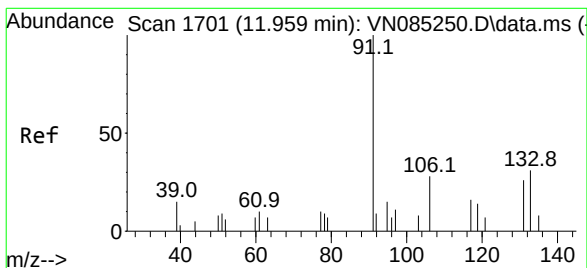
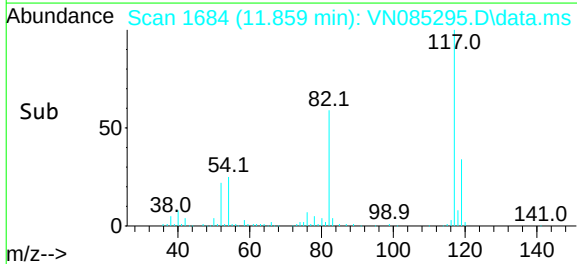
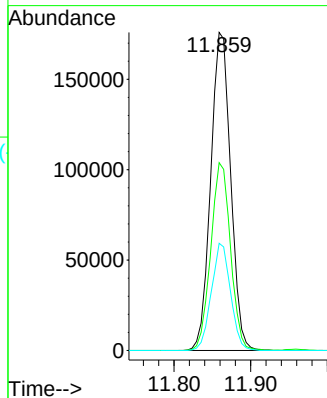
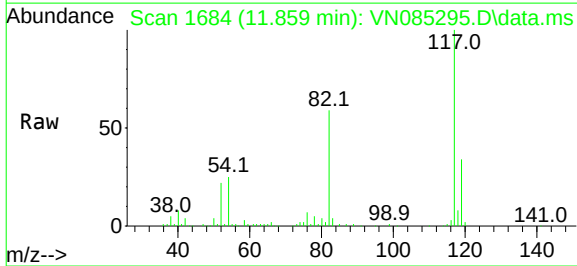
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M

Tgt Ion: 117 Resp: 317295
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 33.7 25.6 38.4

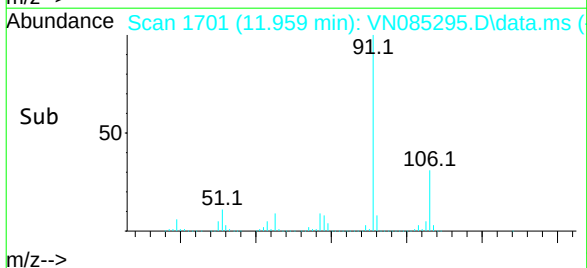
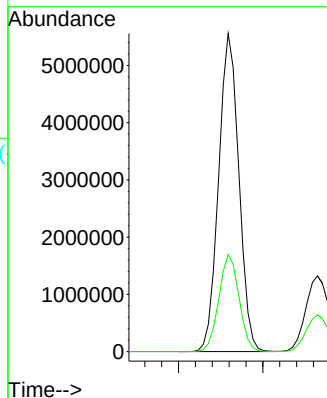
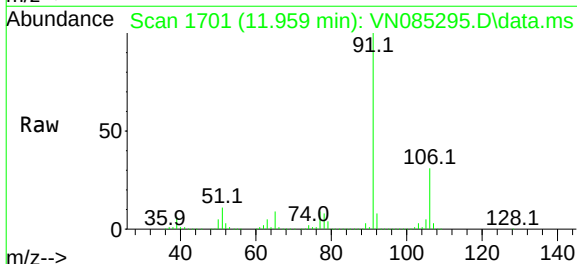
Manual Integrations
APPROVED

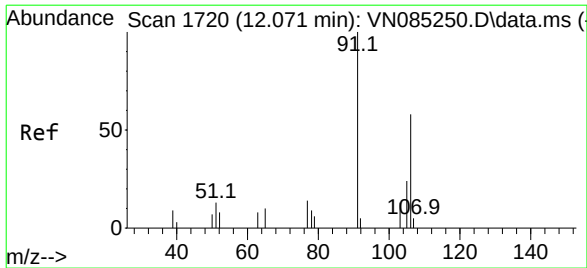
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#67
Ethyl Benzene
Concen: 758.213 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

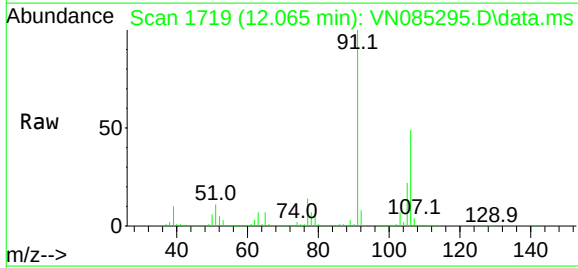
Tgt Ion: 91 Resp: 9269155
Ion Ratio Lower Upper
91 100
106 30.5 23.5 35.3





#68
m/p-Xylenes
Concen: 266.846 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

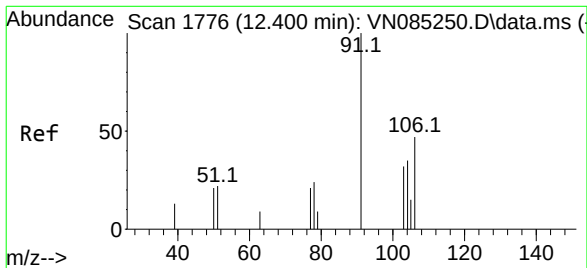
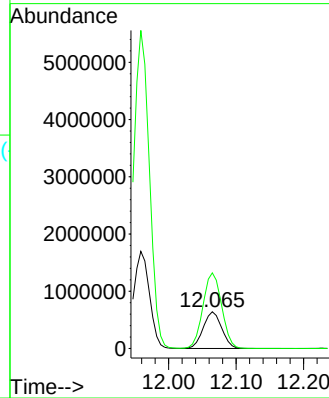
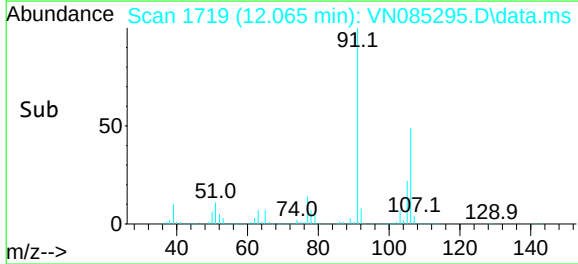
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M



Tgt Ion:106 Resp: 1220084
Ion Ratio Lower Upper
106 100
91 208.4 168.3 252.5

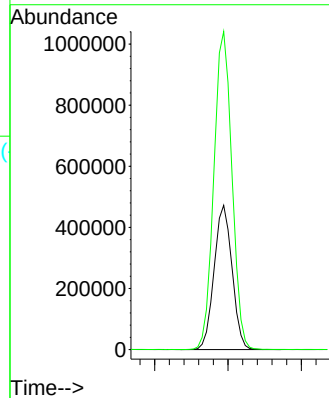
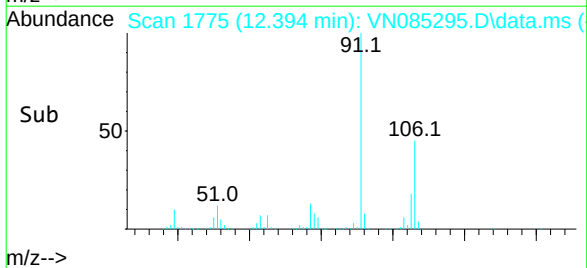
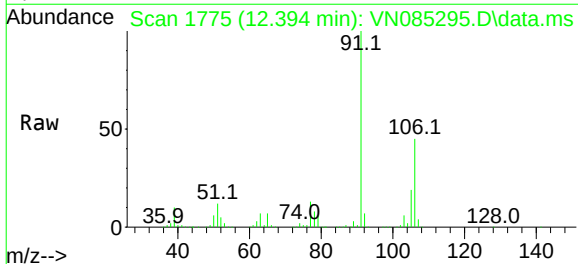
Manual Integrations
APPROVED

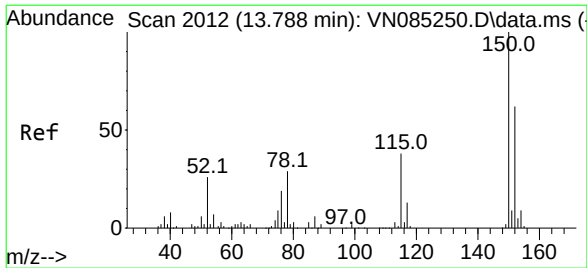
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#69
o-Xylene
Concen: 186.682 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

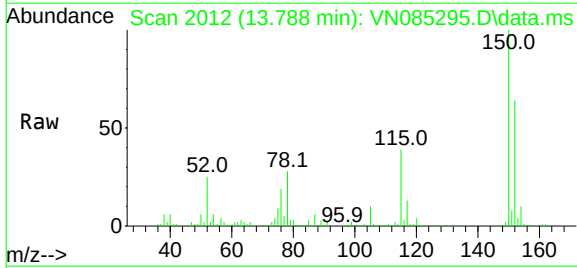
Tgt Ion:106 Resp: 802299
Ion Ratio Lower Upper
106 100
91 222.1 112.1 336.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

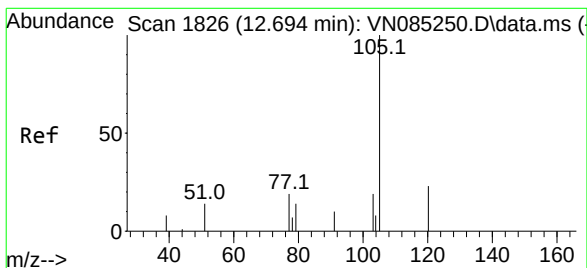
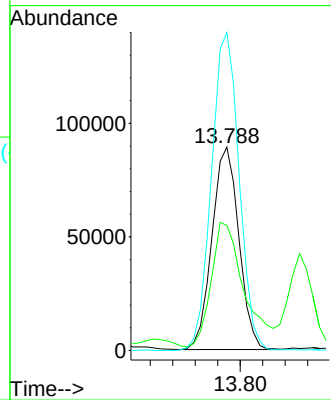
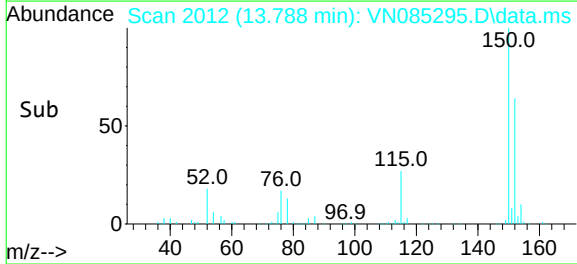
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M



Tgt Ion:152 Resp: 147884
Ion Ratio Lower Upper
152 100
115 74.6 32.1 96.3
150 161.8 0.0 354.6

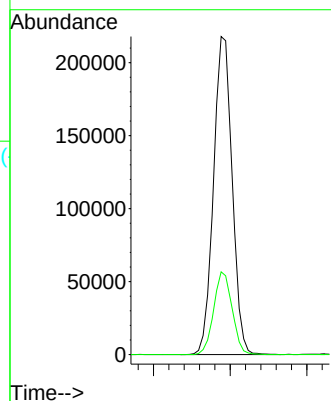
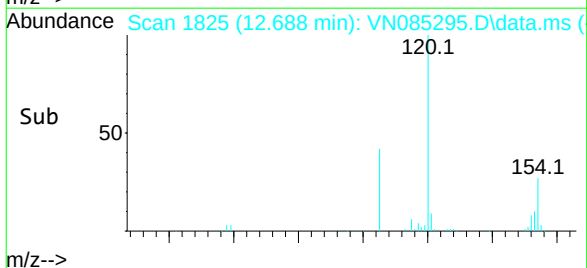
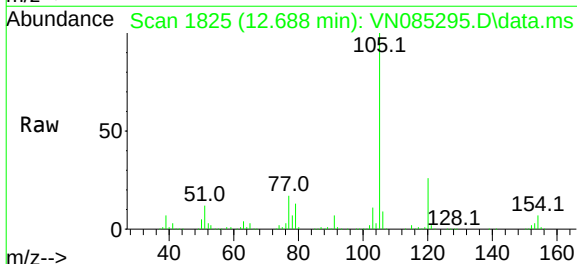
Manual Integrations
APPROVED

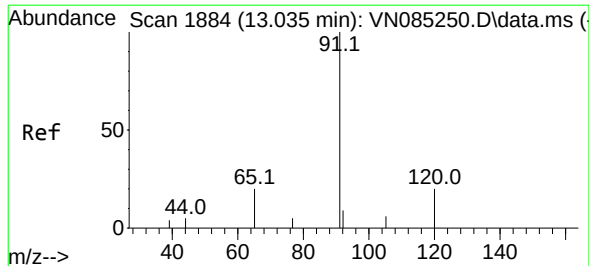
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#73
Isopropylbenzene
Concen: 34.462 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion:105 Resp: 367644
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9





#78

n-propylbenzene

Concen: 10.923 ug/l

RT: 13.029 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-3-M

Tgt Ion: 91 Resp: 142911

Ion Ratio Lower Upper

91 100

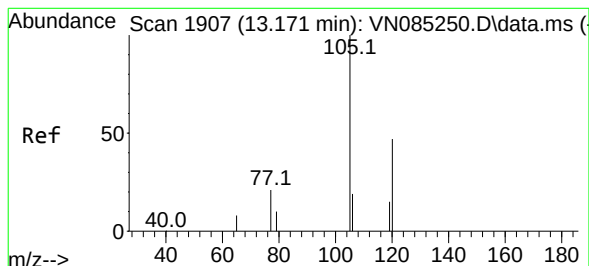
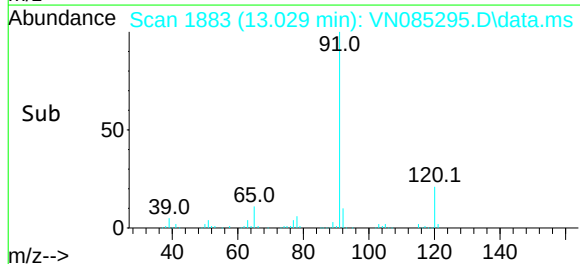
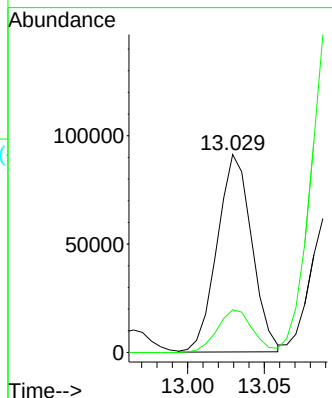
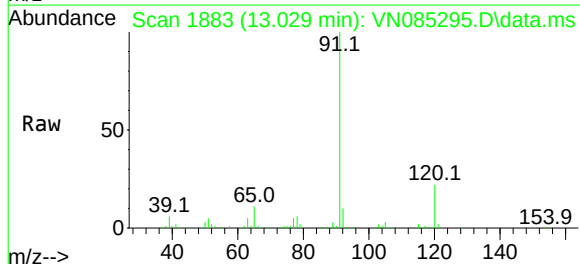
120 22.4 10.8 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#80

1,3,5-Trimethylbenzene

Concen: 30.764 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085295.D

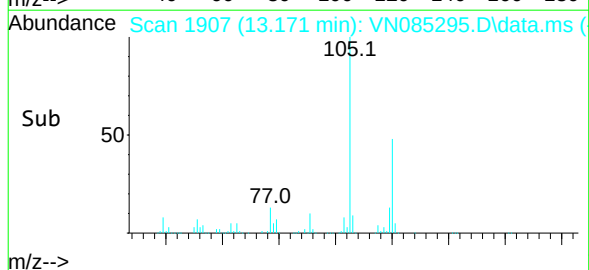
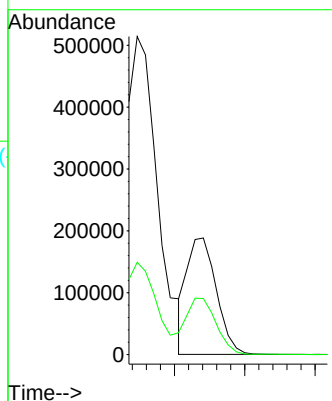
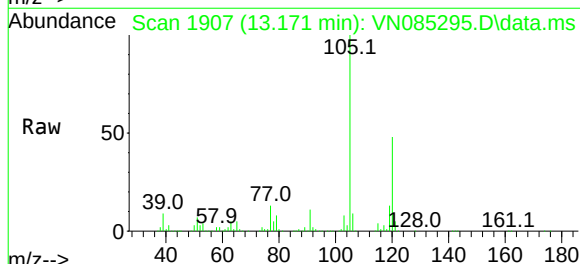
Acq: 23 Dec 2024 15:37

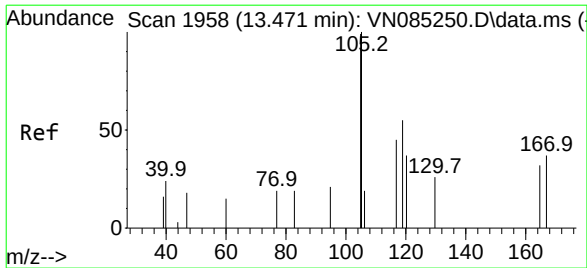
Tgt Ion:105 Resp: 273738

Ion Ratio Lower Upper

105 100

120 51.9 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 120.020 ug/l

RT: 13.476 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-3-M

Tgt Ion:105 Resp: 1091643

Ion Ratio Lower Upper

105 100

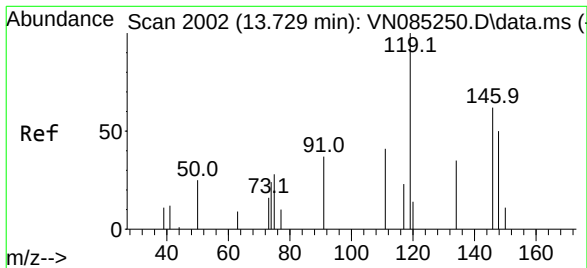
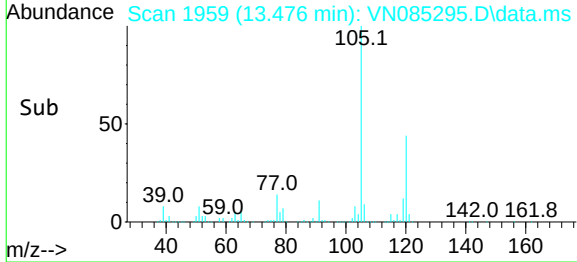
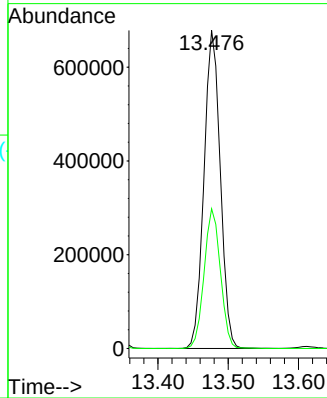
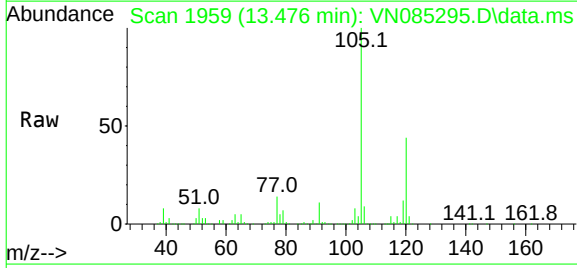
120 44.0 21.8 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#86

p-Isopropyltoluene

Concen: 6.417 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

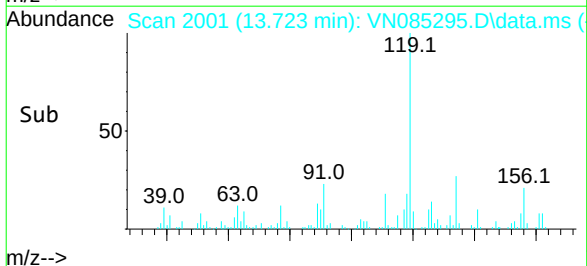
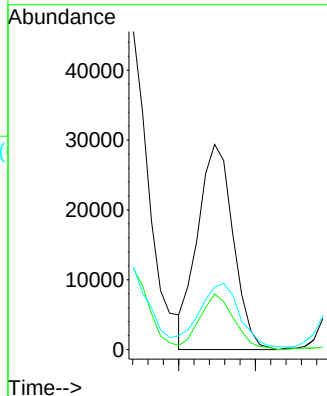
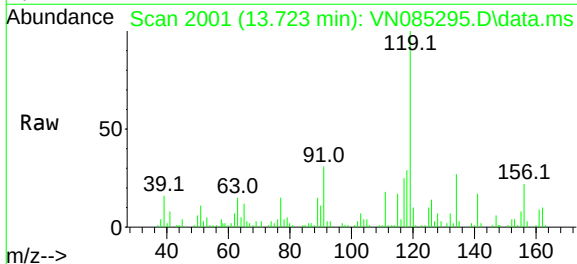
Tgt Ion:119 Resp: 47347

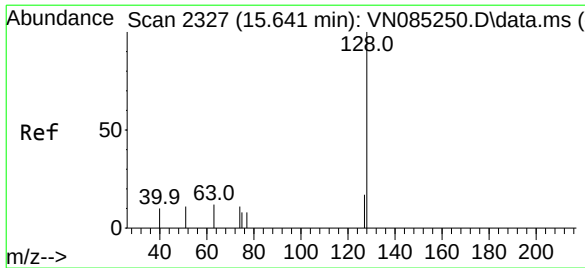
Ion Ratio Lower Upper

119 100

134 26.1 12.5 37.5

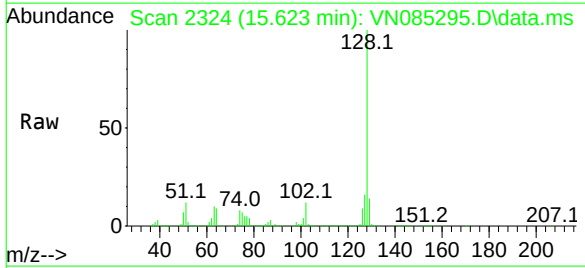
91 0.0 13.0 38.9#





#95
Naphthalene
Concen: 3342.240 ug/l m
RT: 15.623 min Scan# 23
Delta R.T. -0.018 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

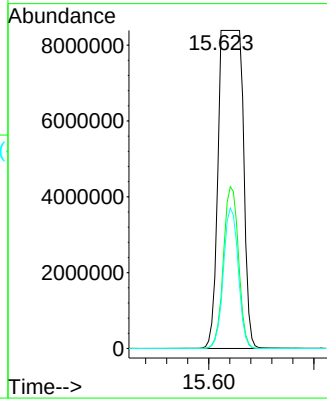
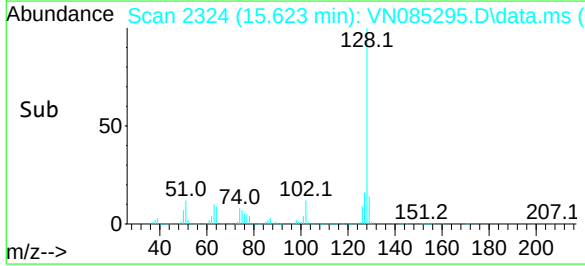
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M



Tgt Ion:128 Resp:27181822
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C10-3-MDL	SDG No.:	P5371
Lab Sample ID:	P5371-03DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085305.D	20		12/23/24 19:35	VN122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.20	UD	4.20	100	ug/L
74-87-3	Chloromethane	7.00	UD	7.00	100	ug/L
75-01-4	Vinyl Chloride	6.80	UD	6.80	100	ug/L
74-83-9	Bromomethane	27.2	UD	27.2	100	ug/L
75-00-3	Chloroethane	11.2	UD	11.2	100	ug/L
75-69-4	Trichlorofluoromethane	6.80	UD	6.80	100	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	5.00	100	ug/L
75-35-4	1,1-Dichloroethene	5.20	UD	5.20	100	ug/L
67-64-1	Acetone	27.8	UD	27.8	500	ug/L
75-15-0	Carbon Disulfide	6.40	UD	6.40	100	ug/L
1634-04-4	Methyl tert-butyl Ether	3.20	UD	3.20	100	ug/L
79-20-9	Methyl Acetate	12.0	UD	12.0	100	ug/L
75-09-2	Methylene Chloride	6.40	UD	6.40	100	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	UD	5.00	100	ug/L
75-34-3	1,1-Dichloroethane	4.60	UD	4.60	100	ug/L
110-82-7	Cyclohexane	32.4	UD	32.4	100	ug/L
78-93-3	2-Butanone	26.0	UD	26.0	500	ug/L
56-23-5	Carbon Tetrachloride	5.00	UD	5.00	100	ug/L
156-59-2	cis-1,2-Dichloroethene	33.5	JD	5.00	100	ug/L
74-97-5	Bromochloromethane	3.60	UD	3.60	100	ug/L
67-66-3	Chloroform	5.20	UD	5.20	100	ug/L
71-55-6	1,1,1-Trichloroethane	3.80	UD	3.80	100	ug/L
108-87-2	Methylcyclohexane	3.80	UD	3.80	100	ug/L
71-43-2	Benzene	160	D	3.20	100	ug/L
107-06-2	1,2-Dichloroethane	4.80	UD	4.80	100	ug/L
79-01-6	Trichloroethene	6.40	UD	6.40	100	ug/L
78-87-5	1,2-Dichloropropane	3.80	UD	3.80	100	ug/L
75-27-4	Bromodichloromethane	4.80	UD	4.80	100	ug/L
108-10-1	4-Methyl-2-Pentanone	15.0	UD	15.0	500	ug/L
108-88-3	Toluene	250	D	3.60	100	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C10-3-MDL	SDG No.:	P5371
Lab Sample ID:	P5371-03DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085305.D	20		12/23/24 19:35	VN122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	4.20	UD	4.20	100	ug/L
10061-01-5	cis-1,3-Dichloropropene	3.60	UD	3.60	100	ug/L
79-00-5	1,1,2-Trichloroethane	4.20	UD	4.20	100	ug/L
591-78-6	2-Hexanone	22.6	UD	22.6	500	ug/L
124-48-1	Dibromochloromethane	3.60	UD	3.60	100	ug/L
106-93-4	1,2-Dibromoethane	3.20	UD	3.20	100	ug/L
127-18-4	Tetrachloroethene	5.00	UD	5.00	100	ug/L
108-90-7	Chlorobenzene	2.60	UD	2.60	100	ug/L
100-41-4	Ethyl Benzene	670	D	3.20	100	ug/L
179601-23-1	m/p-Xylenes	240	D	6.20	200	ug/L
95-47-6	o-Xylene	160	D	2.80	100	ug/L
100-42-5	Styrene	3.20	UD	3.20	100	ug/L
75-25-2	Bromoform	4.20	UD	4.20	100	ug/L
98-82-8	Isopropylbenzene	29.6	JD	2.60	100	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.40	UD	5.40	100	ug/L
541-73-1	1,3-Dichlorobenzene	4.80	UD	4.80	100	ug/L
106-46-7	1,4-Dichlorobenzene	5.40	UD	5.40	100	ug/L
95-50-1	1,2-Dichlorobenzene	3.80	UD	3.80	100	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	9.20	UD	9.20	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	8.40	UD	8.40	100	ug/L
87-61-6	1,2,3-Trichlorobenzene	10.2	UD	10.2	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.1		70 (74) - 130 (125)	86%	SPK: 50
1868-53-7	Dibromofluoromethane	44.5		70 (75) - 130 (124)	89%	SPK: 50
2037-26-5	Toluene-d8	47.0		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.3		70 (77) - 130 (121)	87%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	153000	8.224			
540-36-3	1,4-Difluorobenzene	286000	9.094			
3114-55-4	Chlorobenzene-d5	240000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	106000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C10-3-MDL		SDG No.:	P5371	
Lab Sample ID:	P5371-03DL		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085305.D	20		12/23/24 19:35	VN122324

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_N\Data\VN122324\
 Data File : VN085305.D
 Acq On : 23 Dec 2024 19:35
 Operator : JC\MD
 Sample : P5371-03DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C10-3-MDL

Quant Time: Dec 24 04:17:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

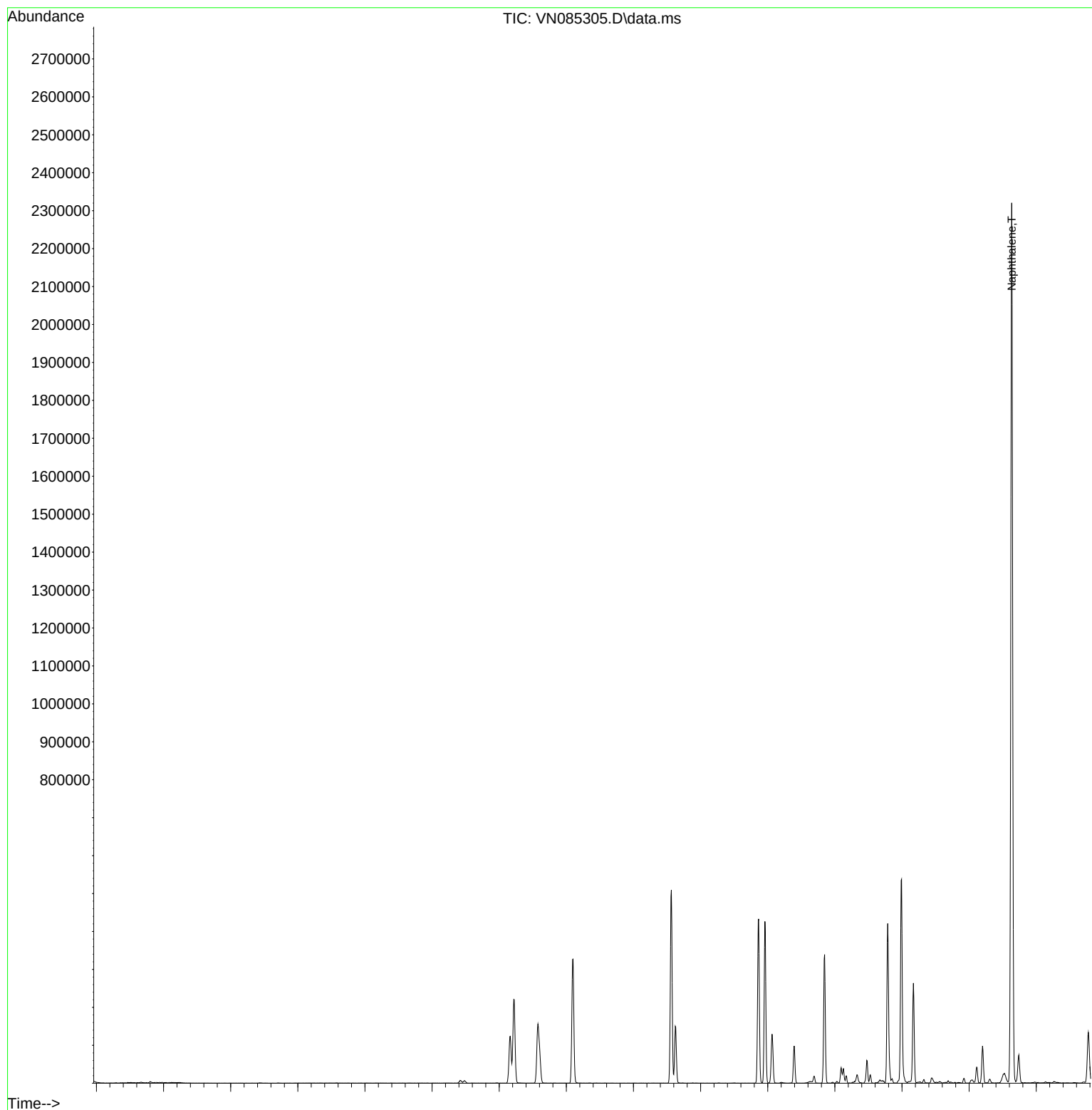
Internal Standards						
1) Pentafluorobenzene	8.224	168	153204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	286168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	239567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115390	43.092	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.180%		
35) Dibromofluoromethane	8.165	113	89521	44.496	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.000%		
50) Toluene-d8	10.565	98	345816	47.028	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.060%		
62) 4-Bromofluorobenzene	12.847	95	113855	43.349	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.700%		
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	7.488	96	3757	1.674	ug/l	88
40) Benzene	8.606	78	68792	7.893	ug/l	96
52) Toluene	10.624	92	64483	12.305	ug/l	99
67) Ethyl Benzene	11.959	91	309633	33.546	ug/l	97
68) m/p-Xylenes	12.065	106	41663	12.069	ug/l	96
69) o-Xylene	12.394	106	26642	8.211	ug/l	97
73) Isopropylbenzene	12.694	105	11282	1.482	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	9000	1.418	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	33195	5.115	ug/l	99
86) p-Isopropyltoluene	13.723	119	1581	2.156	ug/l #	57
95) Naphthalene	15.635	128	2066970	356.229	ug/l	99

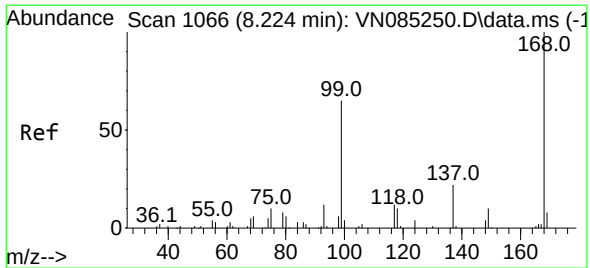
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085305.D
Acq On : 23 Dec 2024 19:35
Operator : JC\MD
Sample : P5371-03DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-MDL

Quant Time: Dec 24 04:17:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

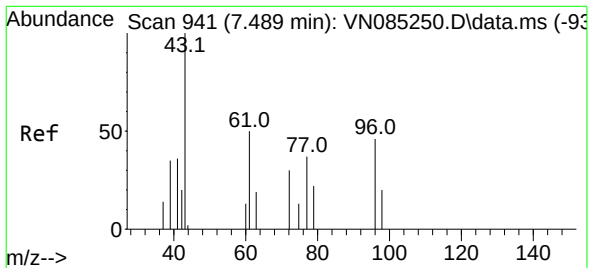
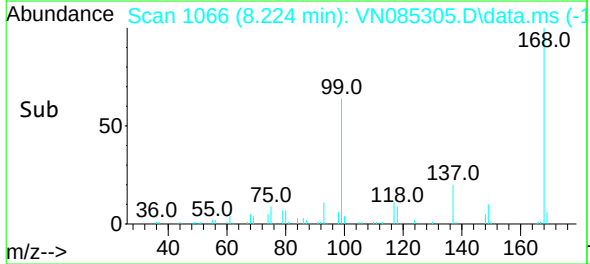
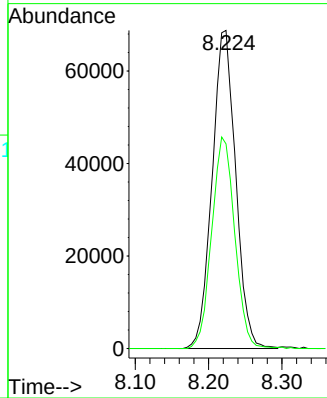
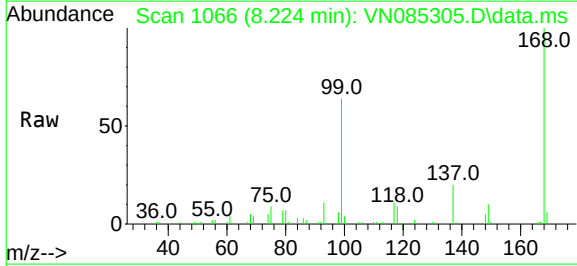




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

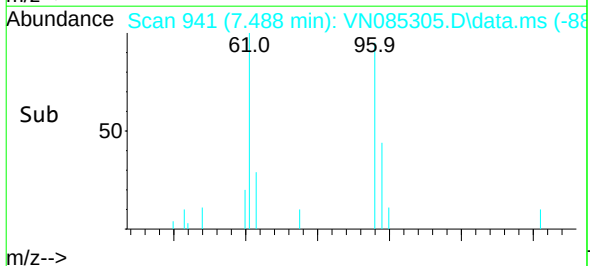
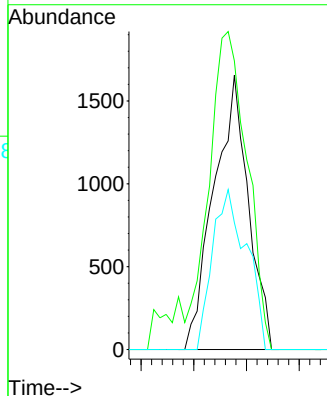
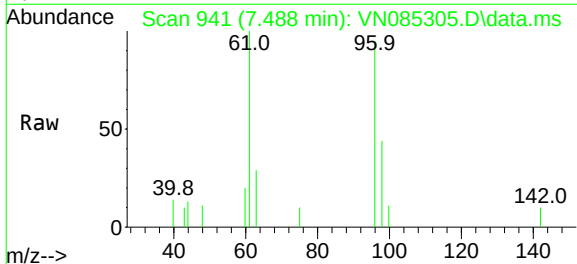
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-MDL

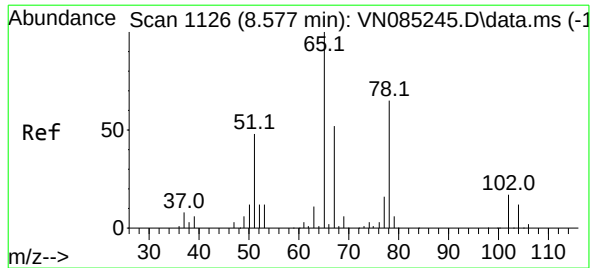
Tgt Ion: 168 Resp: 153204
Ion Ratio Lower Upper
168 100
99 64.3 50.7 76.1



#27
cis-1,2-Dichloroethene
Concen: 1.674 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

Tgt Ion: 96 Resp: 3757
Ion Ratio Lower Upper
96 100
61 140.1 0.0 316.4
98 57.6 0.0 125.4

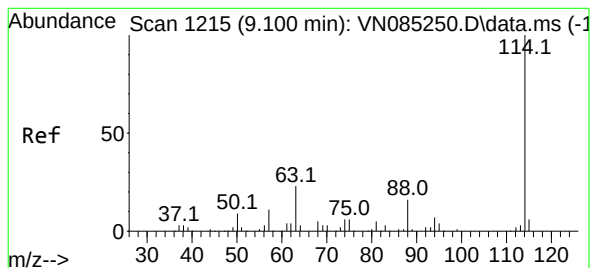
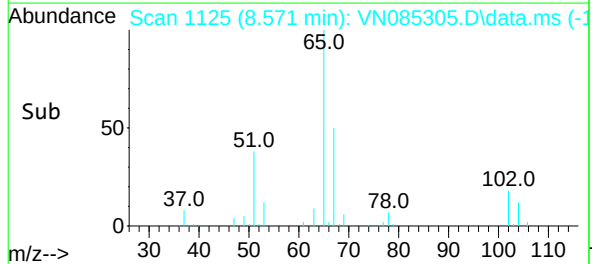
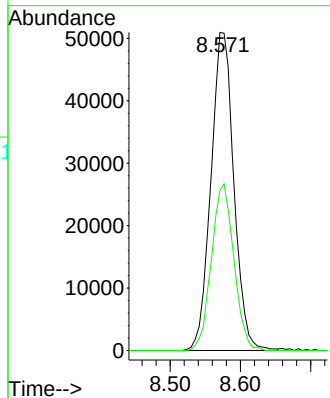
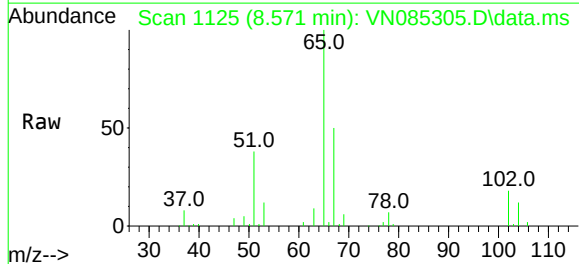




#33
1,2-Dichloroethane-d4
Concen: 43.092 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

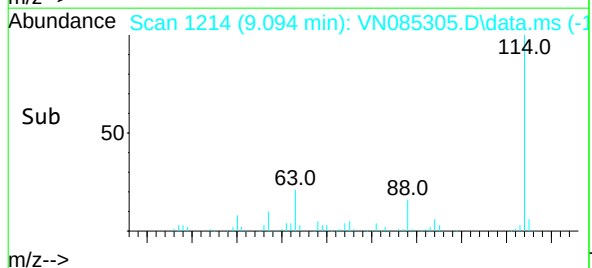
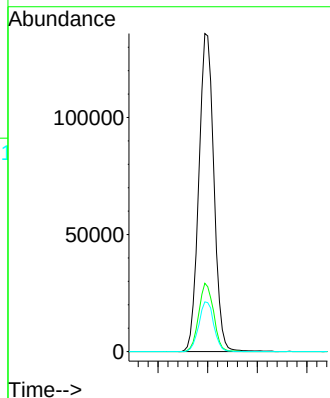
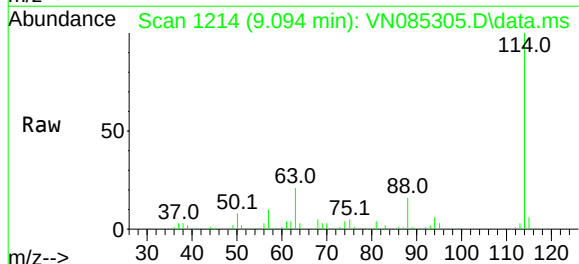
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-MDL

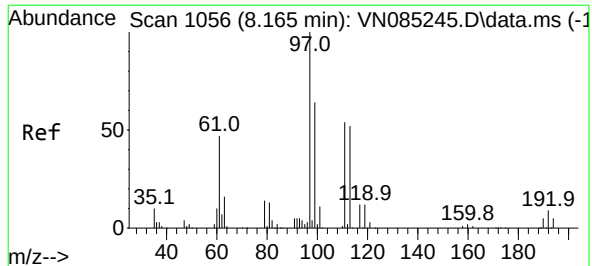
Tgt Ion: 65 Resp: 115390
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

Tgt Ion: 114 Resp: 286168
Ion Ratio Lower Upper
114 100
63 21.5 0.0 46.2
88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.496 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085305.D

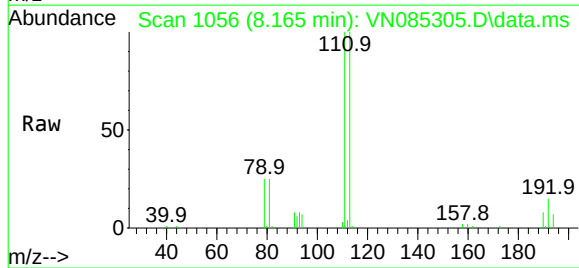
Acq: 23 Dec 2024 19:35

Instrument :

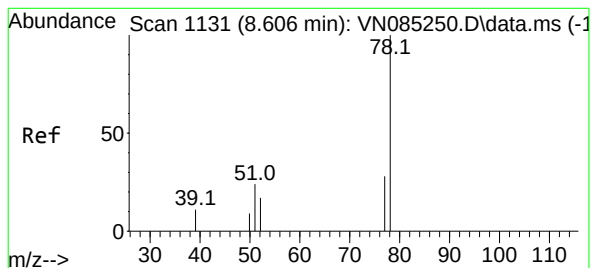
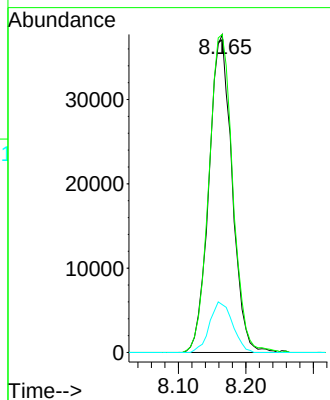
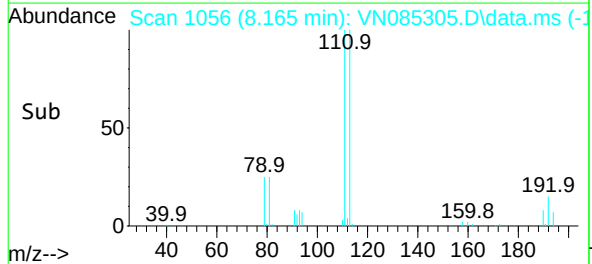
MSVOA_N

ClientSampleId :

SPLP-C10-3-MDL



Tgt Ion:	113	Resp:	89521
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.1	123.1
192	15.9	13.4	20.0



#40

Benzene

Concen: 7.893 ug/l

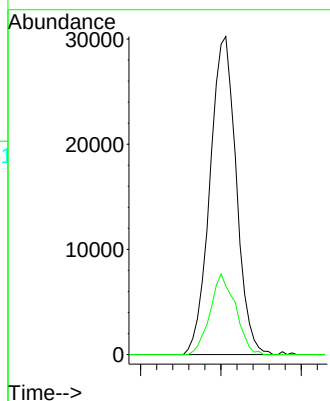
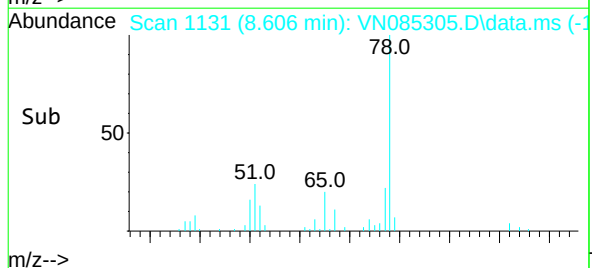
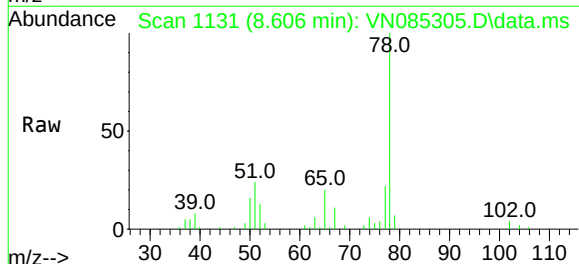
RT: 8.606 min Scan# 1131

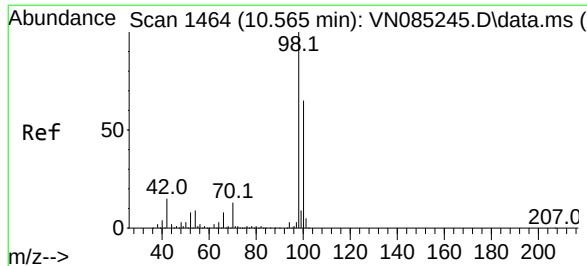
Delta R.T. 0.006 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

Tgt Ion:	78	Resp:	68792
Ion	Ratio	Lower	Upper
78	100		
77	21.6	18.9	28.3





#50

Toluene-d8

Concen: 47.028 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

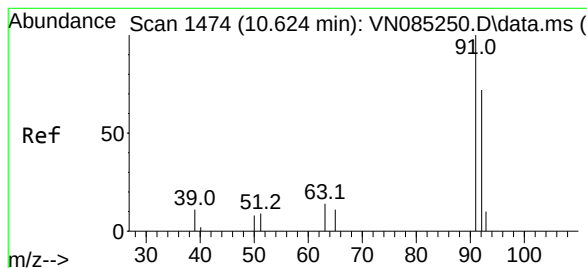
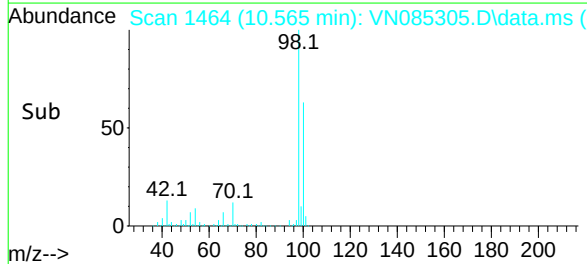
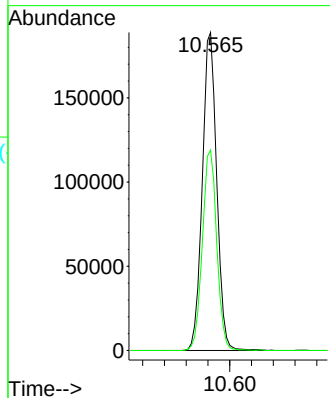
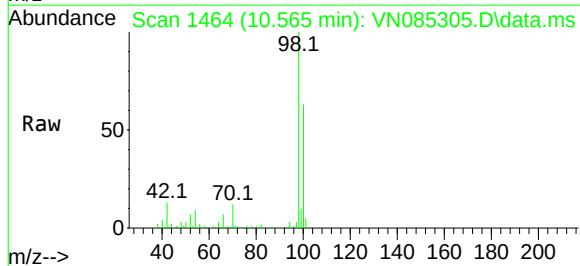
SPLP-C10-3-MDL

Tgt Ion: 98 Resp: 345816

Ion Ratio Lower Upper

98 100

100 63.1 51.6 77.4



#52

Toluene

Concen: 12.305 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085305.D

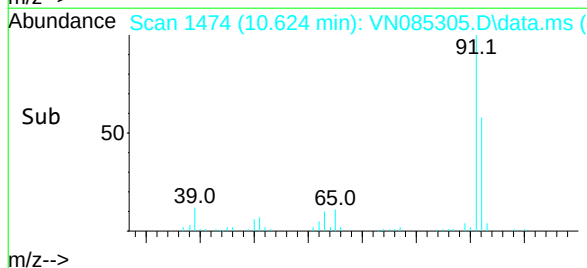
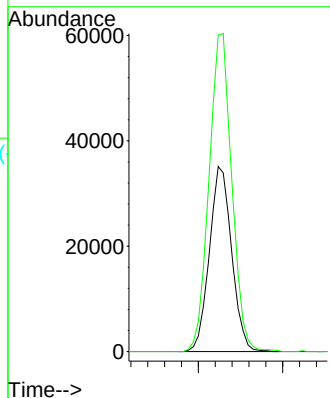
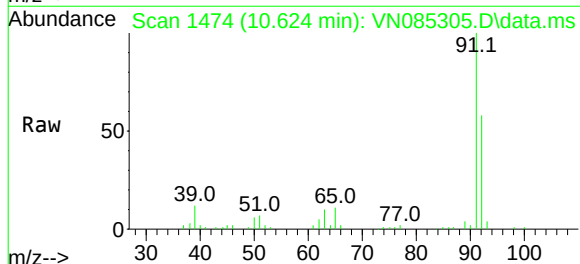
Acq: 23 Dec 2024 19:35

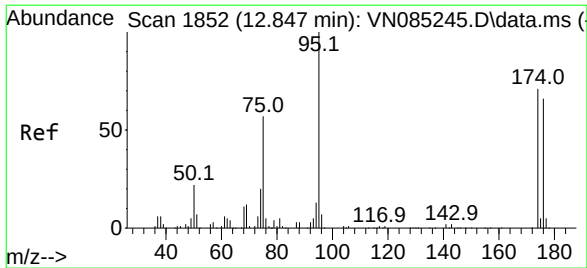
Tgt Ion: 92 Resp: 64483

Ion Ratio Lower Upper

92 100

91 175.4 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 43.349 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085305.D

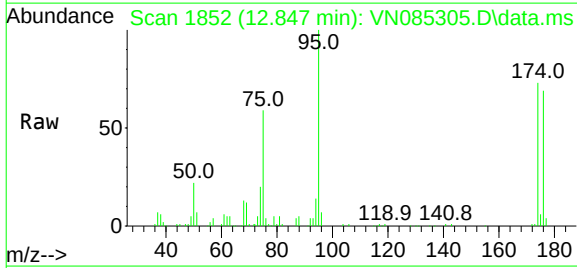
Acq: 23 Dec 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-3-MDL



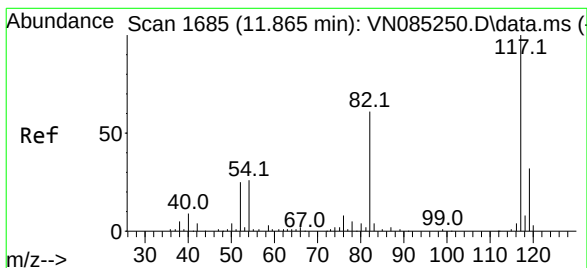
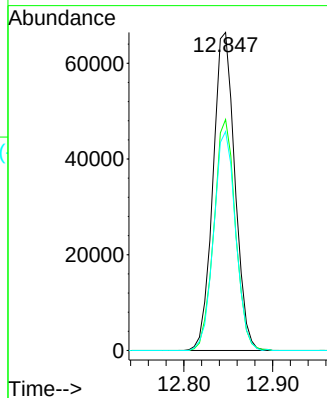
Tgt Ion: 95 Resp: 113855

Ion Ratio Lower Upper

95 100

174 71.2 0.0 144.4

176 68.8 0.0 136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

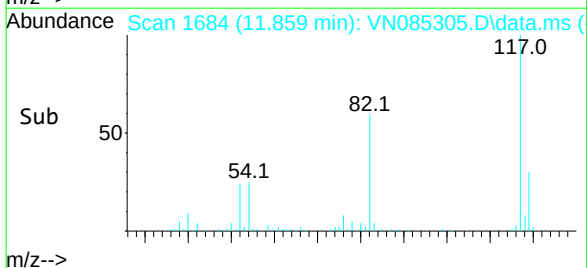
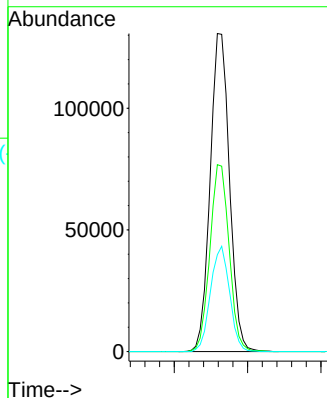
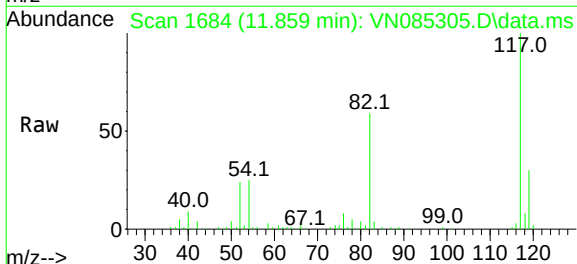
Tgt Ion: 117 Resp: 239567

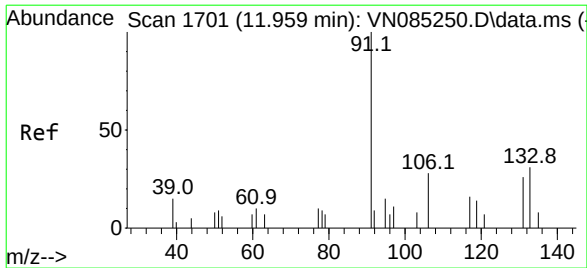
Ion Ratio Lower Upper

117 100

82 58.8 47.4 71.2

119 30.5 25.6 38.4





#67

Ethyl Benzene

Concen: 33.546 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085305.D

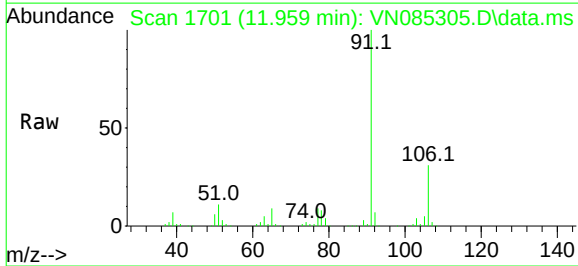
Acq: 23 Dec 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-3-MDL

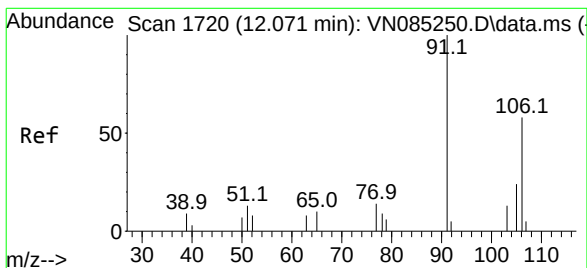
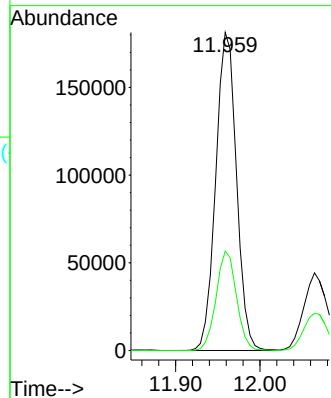
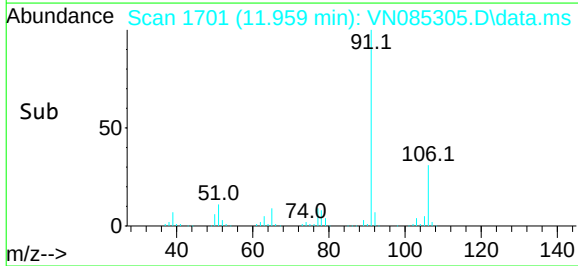


Tgt Ion: 91 Resp: 309633

Ion Ratio Lower Upper

91 100

106 31.3 23.5 35.3



#68

m/p-Xylenes

Concen: 12.069 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085305.D

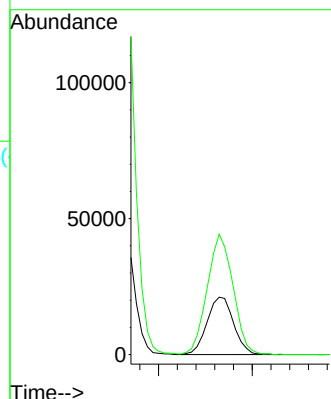
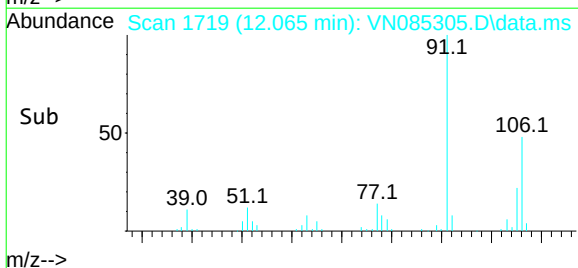
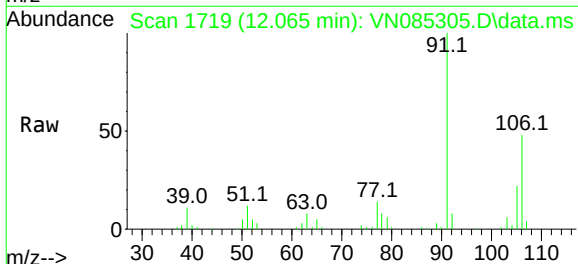
Acq: 23 Dec 2024 19:35

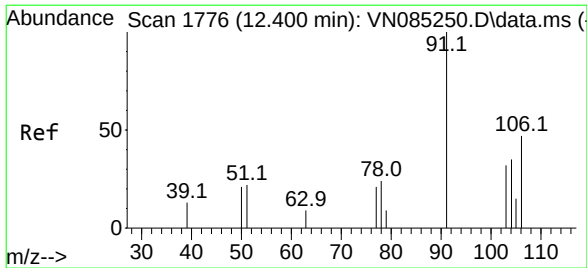
Tgt Ion: 106 Resp: 41663

Ion Ratio Lower Upper

106 100

91 203.7 168.3 252.5





#69

o-Xylene

Concen: 8.211 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

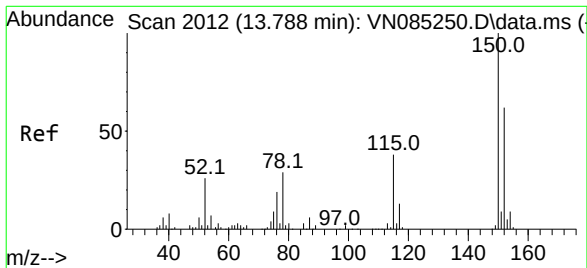
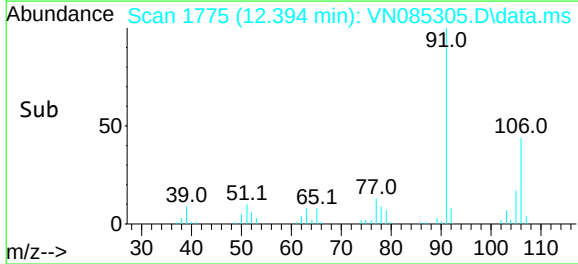
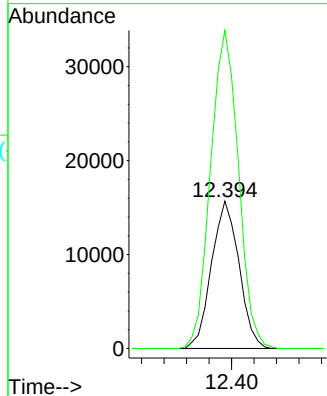
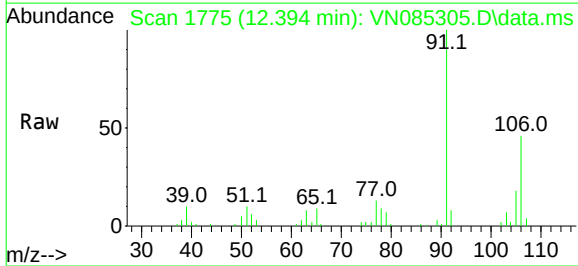
SPLP-C10-3-MDL

Tgt Ion:106 Resp: 26642

Ion Ratio Lower Upper

106 100

91 219.0 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

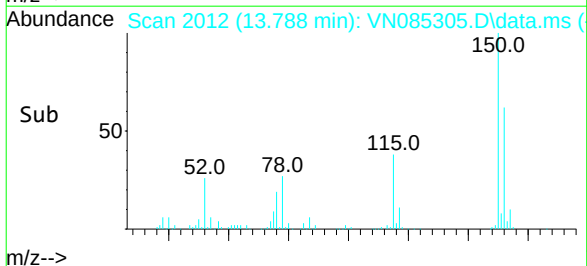
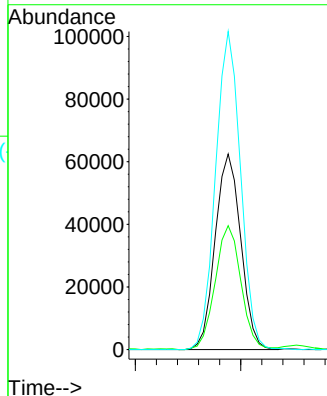
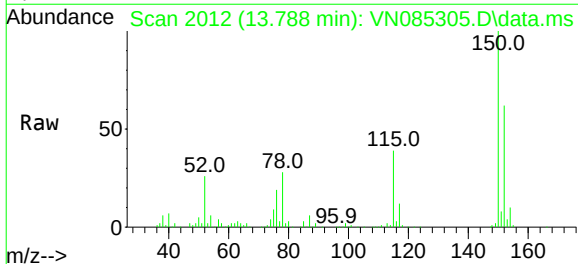
Tgt Ion:152 Resp: 105508

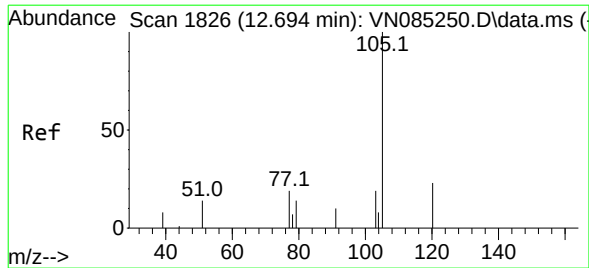
Ion Ratio Lower Upper

152 100

115 63.8 32.1 96.3

150 158.7 0.0 354.6





#73

Isopropylbenzene

Concen: 1.482 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

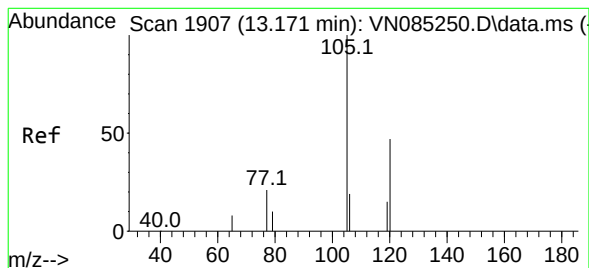
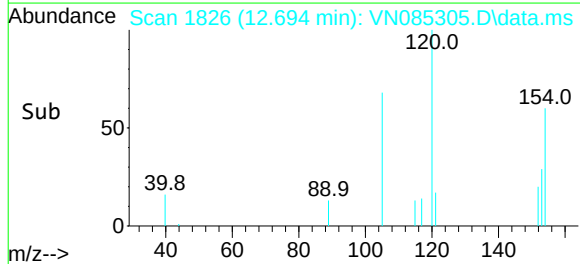
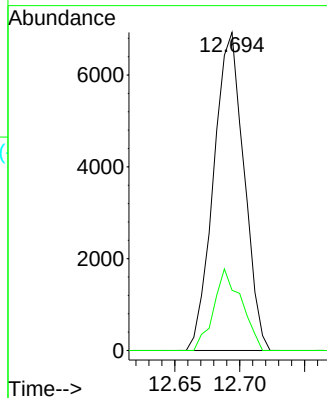
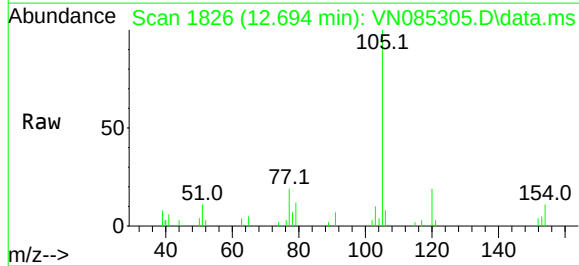
SPLP-C10-3-MDL

Tgt Ion:105 Resp: 11282

Ion Ratio Lower Upper

105 100

120 23.4 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.418 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085305.D

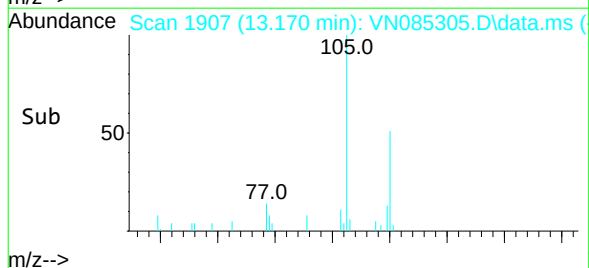
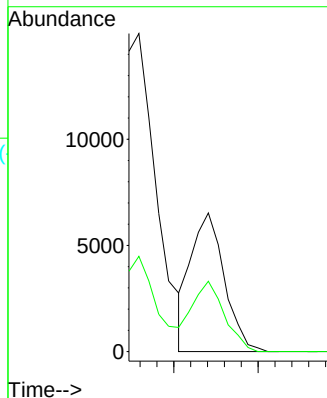
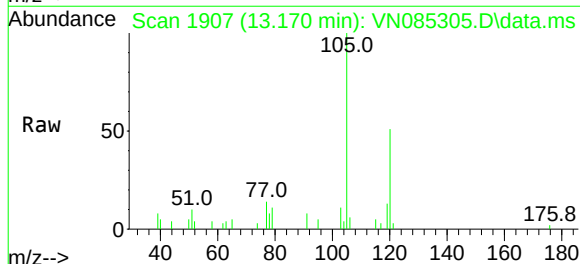
Acq: 23 Dec 2024 19:35

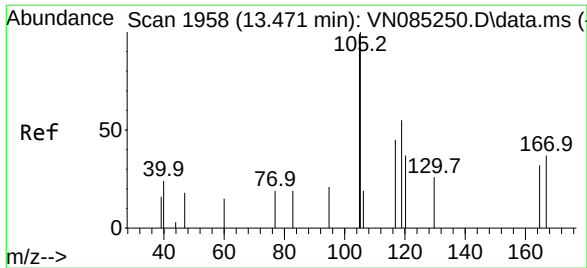
Tgt Ion:105 Resp: 9000

Ion Ratio Lower Upper

105 100

120 49.2 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 5.115 ug/l

RT: 13.476 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

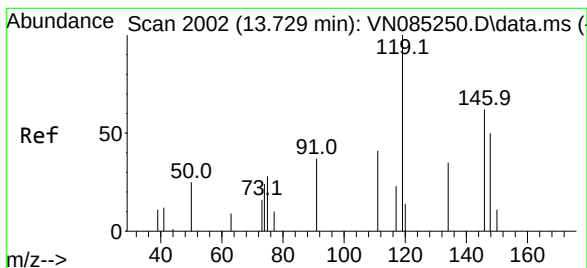
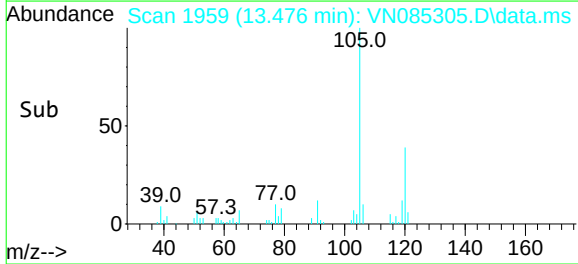
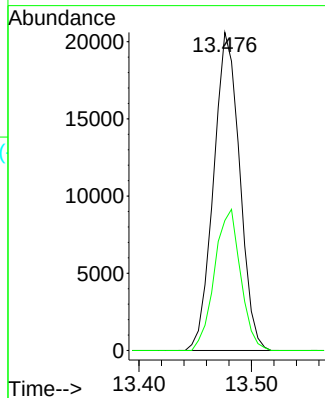
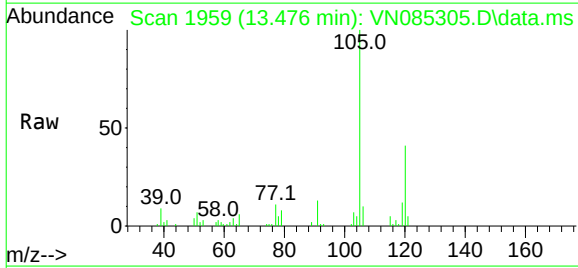
SPLP-C10-3-MDL

Tgt Ion:105 Resp: 33195

Ion Ratio Lower Upper

105 100

120 44.4 21.8 65.3



#86

p-Isopropyltoluene

Concen: 2.156 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

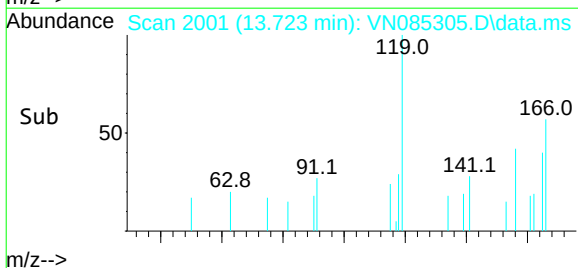
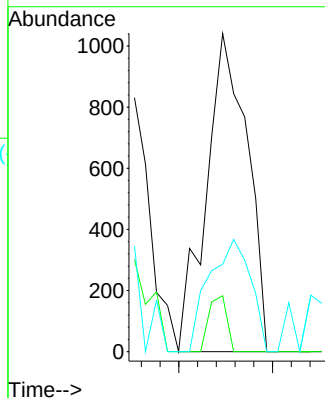
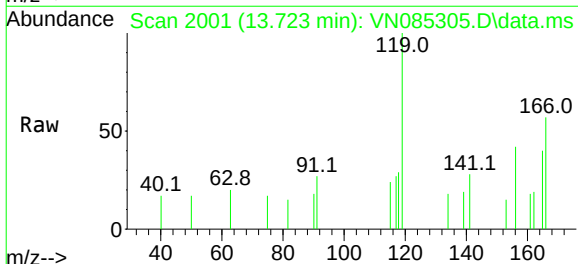
Tgt Ion:119 Resp: 1581

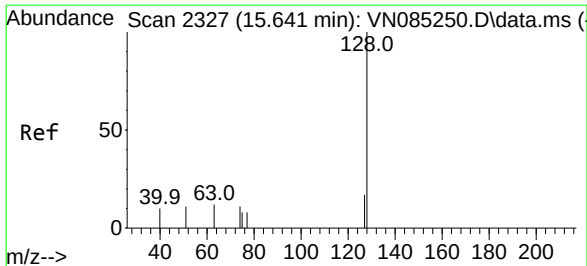
Ion Ratio Lower Upper

119 100

134 7.7 12.5 37.5#

91 0.0 13.0 38.9#





#95

Naphthalene

Concen: 356.229 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085305.D

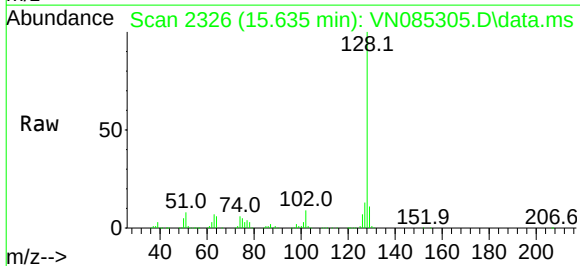
Acq: 23 Dec 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-3-MDL



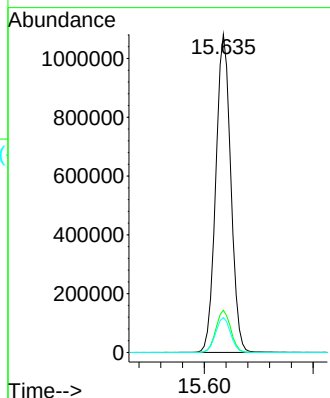
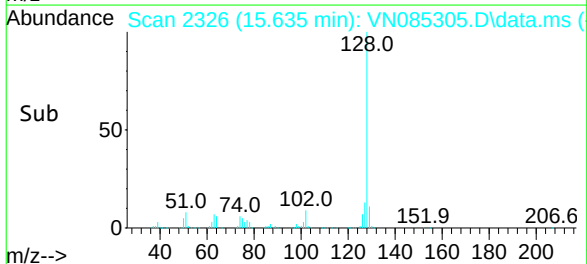
Tgt Ion:128 Resp: 2066970

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.0 8.6 13.0



Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C11-1-M		SDG No.:	P5371	
Lab Sample ID:	P5371-04		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085296.D	1		12/23/24 16:01	VN122324

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	21.4	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	6.90		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	3.60	J	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	19.8		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	1.30	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	21.4		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C11-1-M	SDG No.:	P5371
Lab Sample ID:	P5371-04	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085296.D	1		12/23/24 16:01	VN122324

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	150	E	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	36.0		0.31	10.0	ug/L
95-47-6	o-Xylene	38.7		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	13.7		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	40.1		70 (74) - 130 (125)	80%	SPK: 50
1868-53-7	Dibromofluoromethane	30.5	*	70 (75) - 130 (124)	61%	SPK: 50
2037-26-5	Toluene-d8	47.3		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	190000	8.218			
540-36-3	1,4-Difluorobenzene	334000	9.1			
3114-55-4	Chlorobenzene-d5	292000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	136000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C11-1-M		SDG No.:	P5371	
Lab Sample ID:	P5371-04		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085296.D	1		12/23/24 16:01	VN122324

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_N\Data\VN122324\
 Data File : VN085296.D
 Acq On : 23 Dec 2024 16:01
 Operator : JC\MD
 Sample : P5371-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-1-M

Quant Time: Dec 24 04:12:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

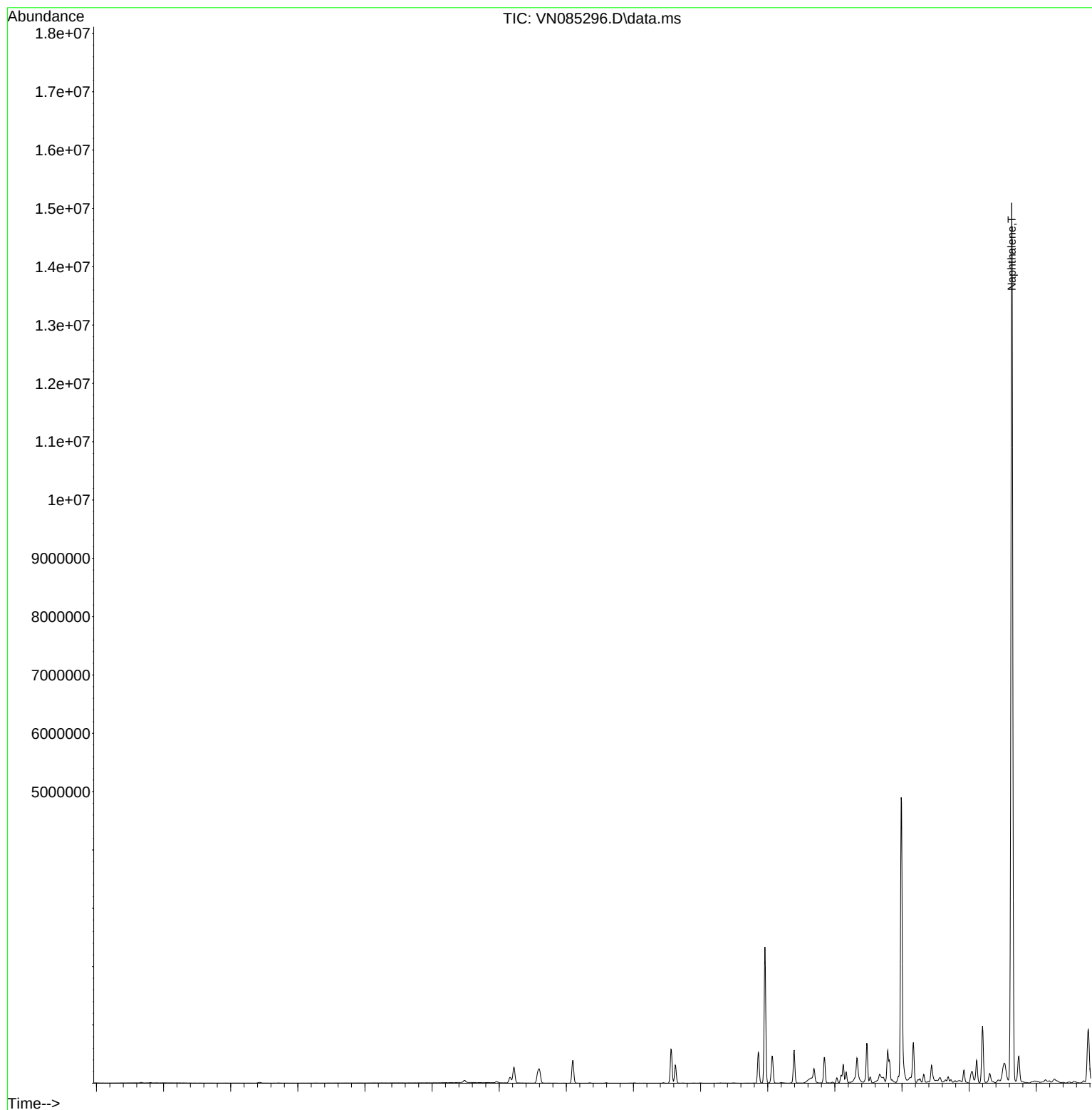
Internal Standards						
1) Pentafluorobenzene	8.218	168	190171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	292239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133303	40.104	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.200%		
35) Dibromofluoromethane	8.159	113	71661	30.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	61.060%#		
50) Toluene-d8	10.559	98	405728	47.296	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.600%		
62) 4-Bromofluorobenzene	12.841	95	150328	49.063	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.120%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	24536	21.385	ug/l #	88
27) cis-1,2-Dichloroethene	7.482	96	19158	6.876	ug/l	85
30) Chloroform	7.965	83	17662	3.560	ug/l	95
40) Benzene	8.600	78	201702	19.839	ug/l	97
44) Trichloroethene	9.359	130	2988	1.320	ug/l	65
52) Toluene	10.623	92	130890	21.411	ug/l	99
67) Ethyl Benzene	11.959	91	1676496	148.895	ug/l	98
68) m/p-Xylenes	12.070	106	151797	36.046	ug/l	96
69) o-Xylene	12.394	106	152990	38.651	ug/l	96
73) Isopropylbenzene	12.688	105	134451	13.719	ug/l	99
78) n-propylbenzene	13.029	91	70098	5.832	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	101910	12.467	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	381223	45.624	ug/l	98
86) p-Isopropyltoluene	13.723	119	19240	3.924	ug/l #	70
95) Naphthalene	15.635	128	13240403	1772.146	ug/l	99

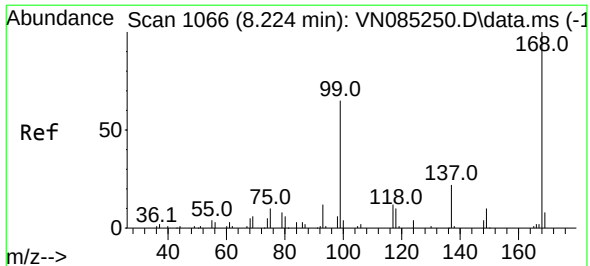
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085296.D
Acq On : 23 Dec 2024 16:01
Operator : JC\MD
Sample : P5371-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-M

Quant Time: Dec 24 04:12:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

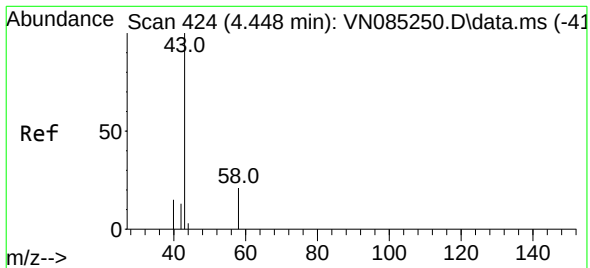
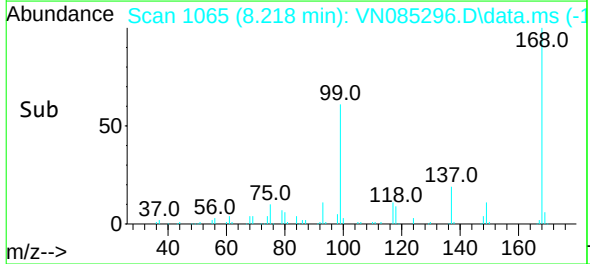
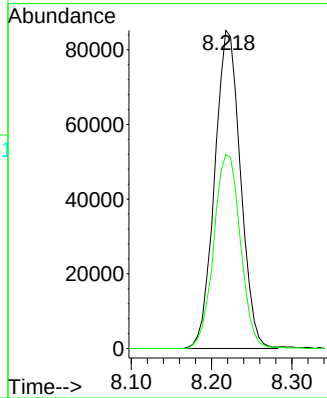
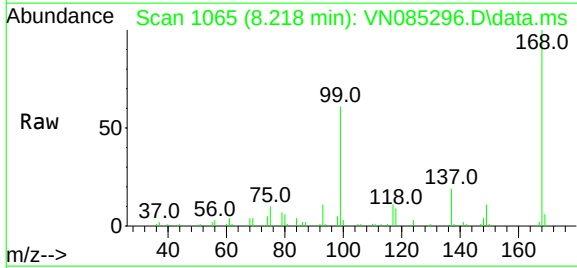




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

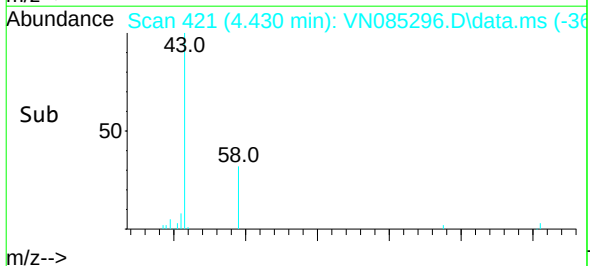
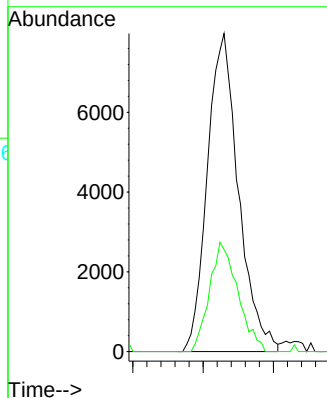
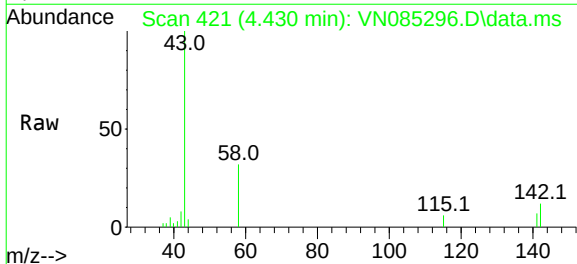
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-M

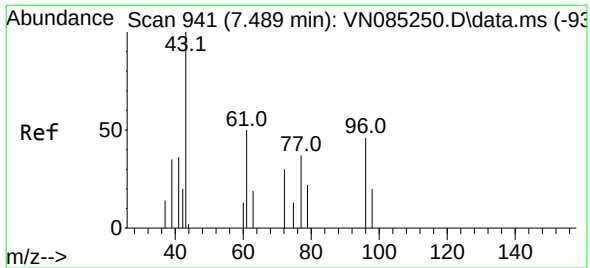
Tgt Ion:168 Resp: 190171
Ion Ratio Lower Upper
168 100
99 61.1 50.7 76.1



#16
Acetone
Concen: 21.385 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

Tgt Ion: 43 Resp: 24536
Ion Ratio Lower Upper
43 100
58 32.1 20.8 31.2#

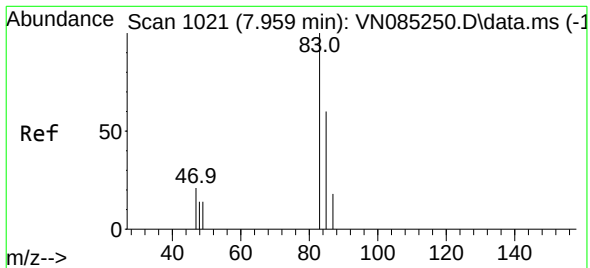
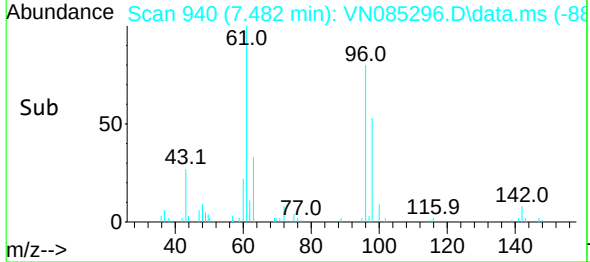
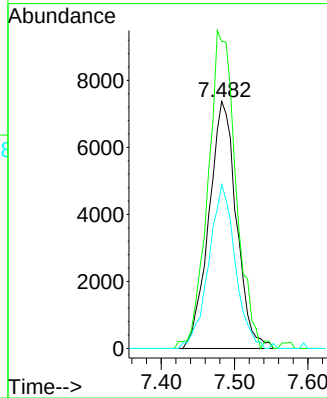
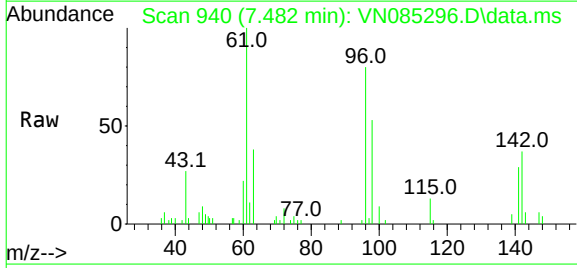




#27
 cis-1,2-Dichloroethene
 Concen: 6.876 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN085296.D
 Acq: 23 Dec 2024 16:01

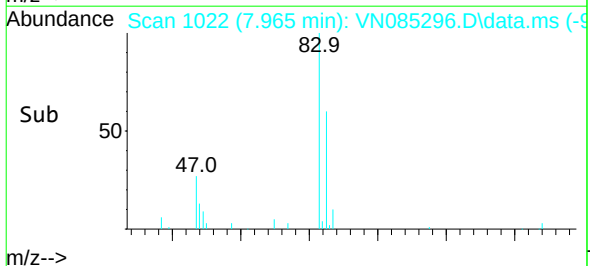
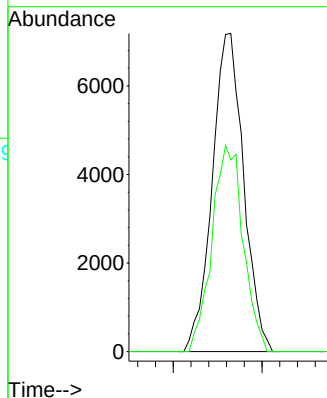
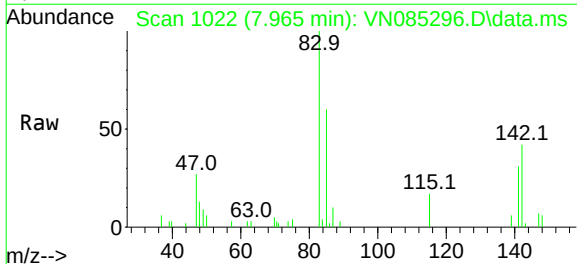
Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-1-M

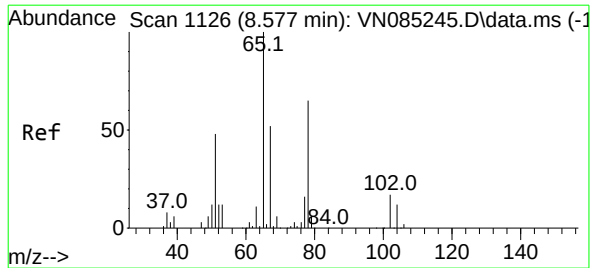
Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	316.4
98	64.1	0.0	125.4



#30
 Chloroform
 Concen: 3.560 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. -0.000 min
 Lab File: VN085296.D
 Acq: 23 Dec 2024 16:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.4	77.0

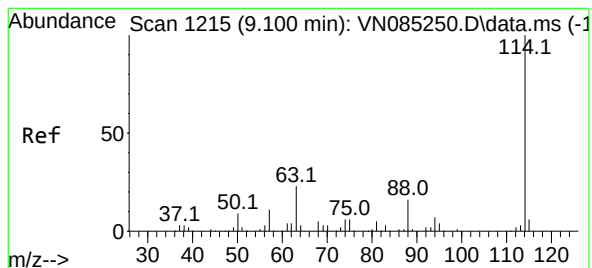
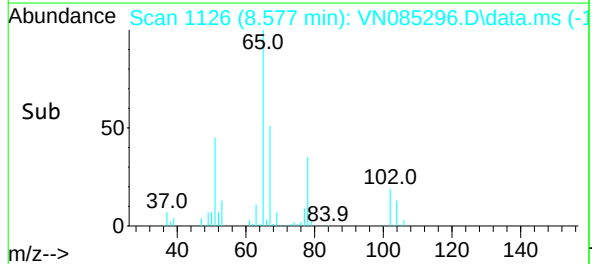
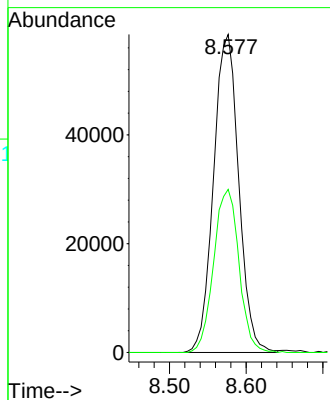
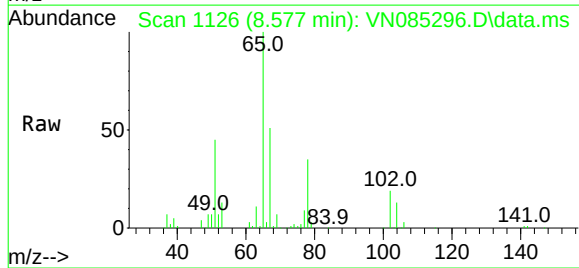




#33
1,2-Dichloroethane-d4
Concen: 40.104 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

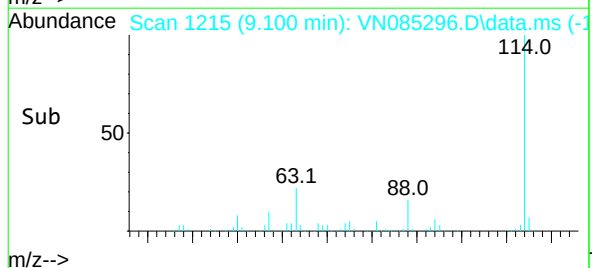
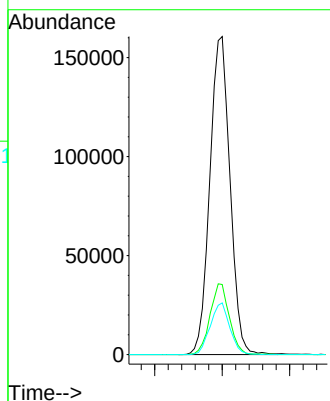
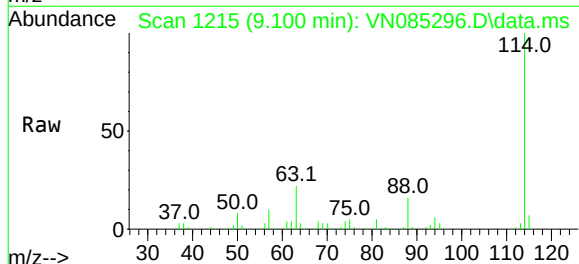
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-M

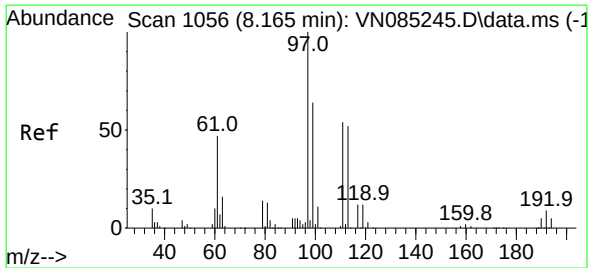
Tgt Ion: 65 Resp: 133303
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

Tgt Ion: 114 Resp: 333838
Ion Ratio Lower Upper
114 100
63 22.0 0.0 46.2
88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 30.532 ug/l

RT: 8.159 min Scan# 10

Delta R.T. -0.006 min

Lab File: VN085296.D

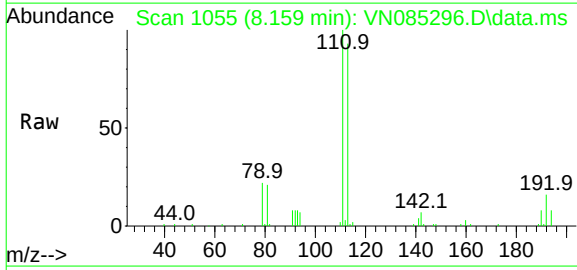
Acq: 23 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-1-M



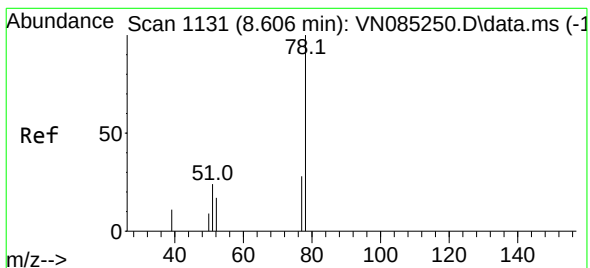
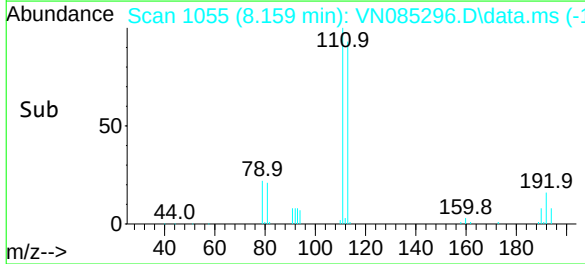
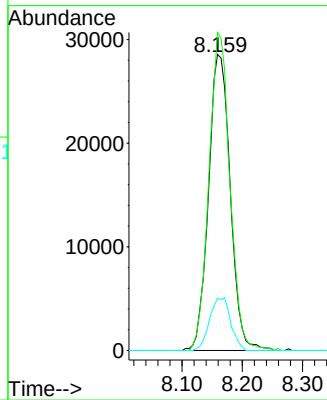
Tgt Ion:113 Resp: 71661

Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

192 17.2 13.4 20.0



#40

Benzene

Concen: 19.839 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085296.D

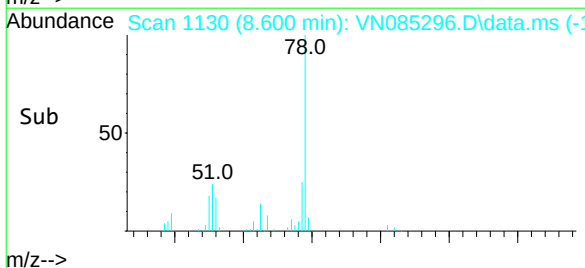
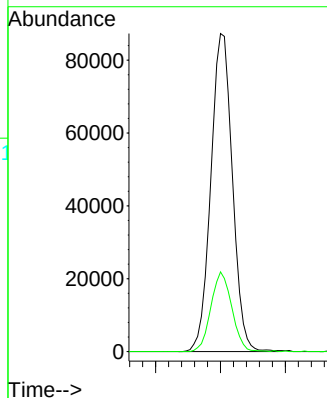
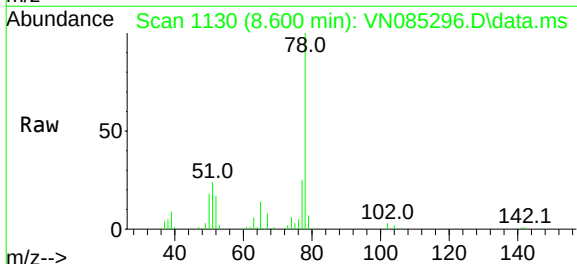
Acq: 23 Dec 2024 16:01

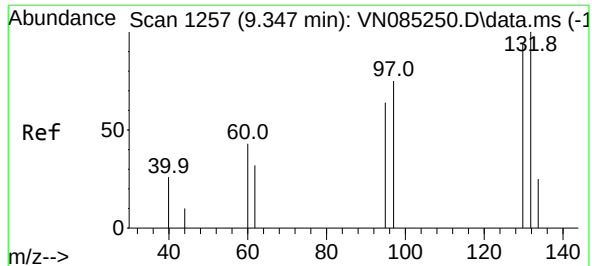
Tgt Ion: 78 Resp: 201702

Ion Ratio Lower Upper

78 100

77 25.1 18.9 28.3





#44

Trichloroethene

Concen: 1.320 ug/l

RT: 9.359 min Scan# 12

Delta R.T. 0.012 min

Lab File: VN085296.D

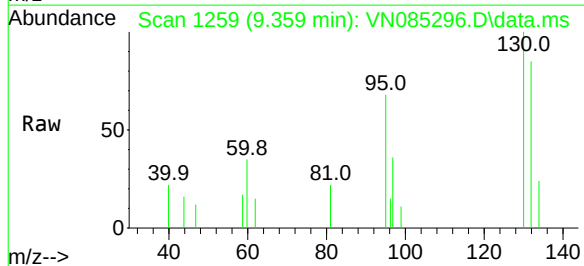
Acq: 23 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-1-M

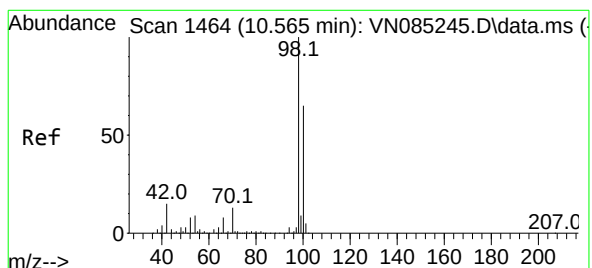
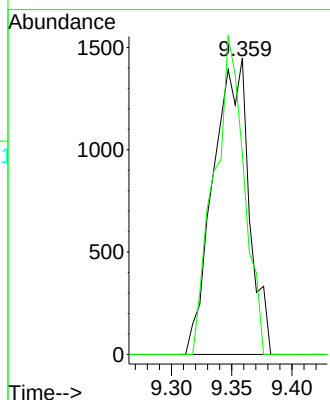
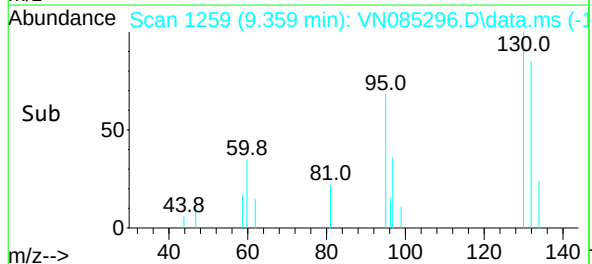


Tgt Ion:130 Resp: 2988

Ion Ratio Lower Upper

130 100

95 67.9 0.0 207.6



#50

Toluene-d8

Concen: 47.296 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085296.D

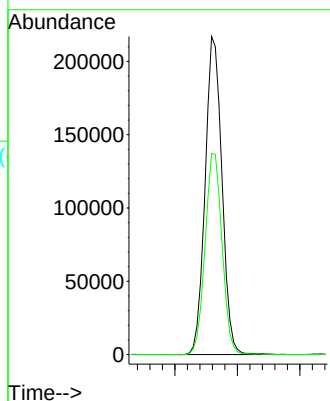
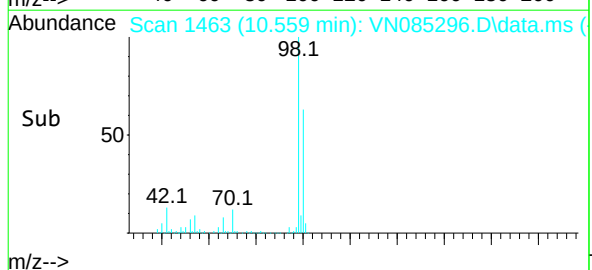
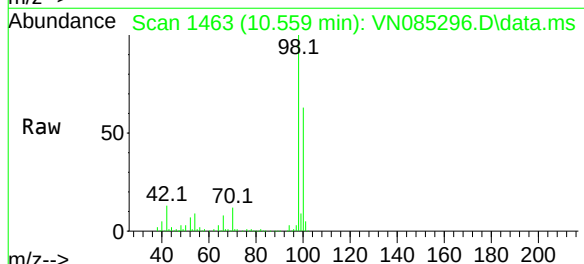
Acq: 23 Dec 2024 16:01

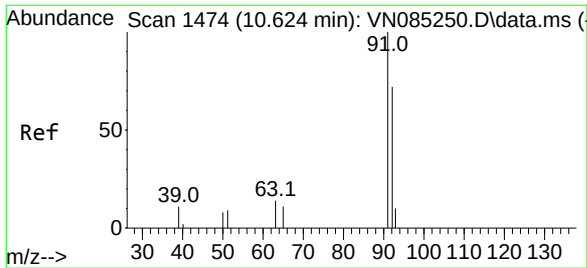
Tgt Ion: 98 Resp: 405728

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4





#52

Toluene

Concen: 21.411 ug/l

RT: 10.623 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085296.D

Acq: 23 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

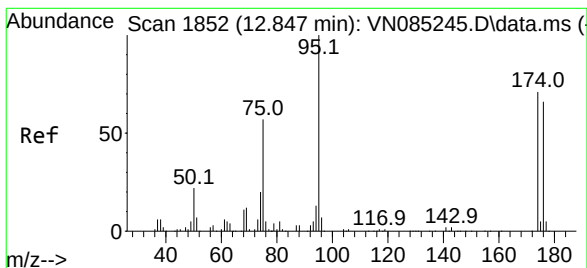
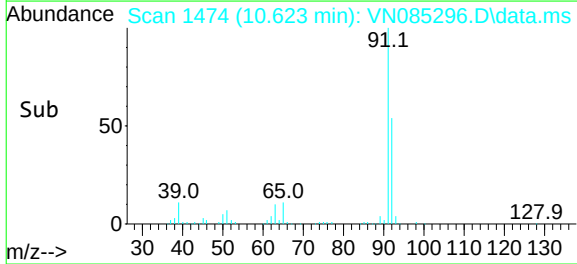
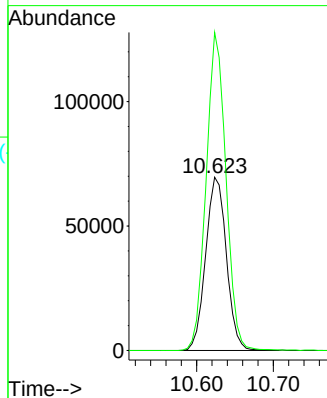
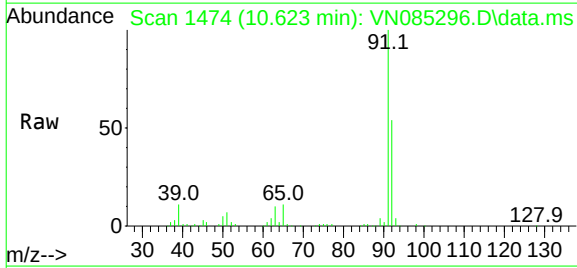
SPLP-C11-1-M

Tgt Ion: 92 Resp: 130890

Ion Ratio Lower Upper

92 100

91 175.5 138.9 208.3



#62

4-Bromofluorobenzene

Concen: 49.063 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN085296.D

Acq: 23 Dec 2024 16:01

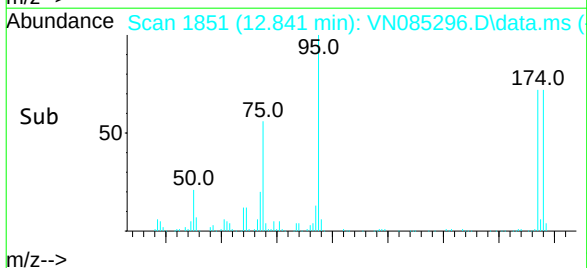
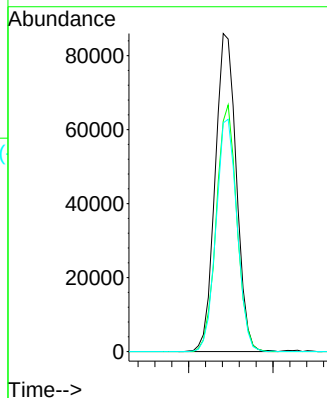
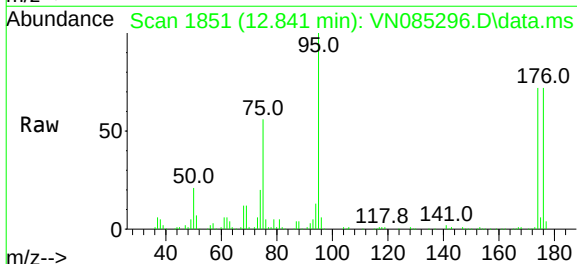
Tgt Ion: 95 Resp: 150328

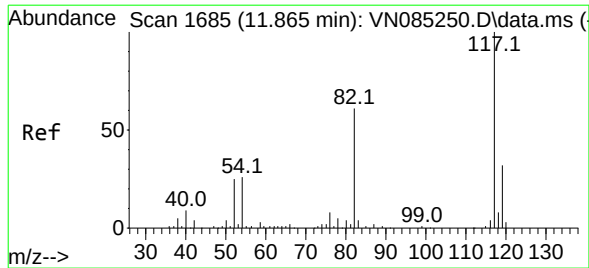
Ion Ratio Lower Upper

95 100

174 74.8 0.0 144.4

176 72.2 0.0 136.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 16

Delta R.T. -0.006 min

Lab File: VN085296.D

Acq: 23 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-1-M

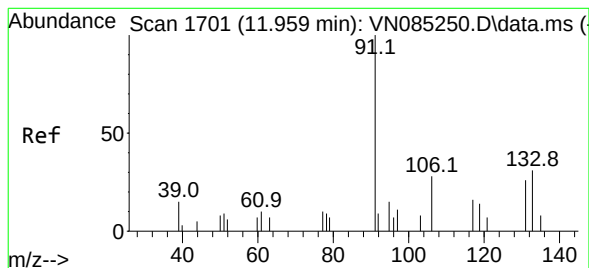
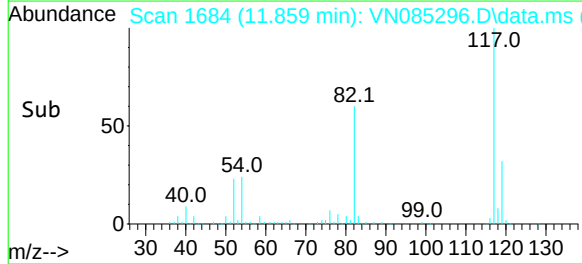
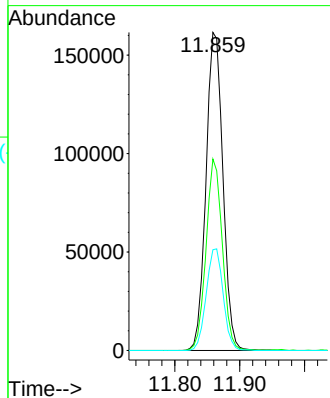
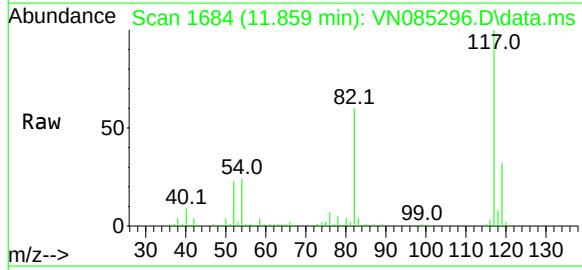
Tgt Ion:117 Resp: 292239

Ion Ratio Lower Upper

117 100

82 60.2 47.4 71.2

119 31.7 25.6 38.4



#67

Ethyl Benzene

Concen: 148.895 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085296.D

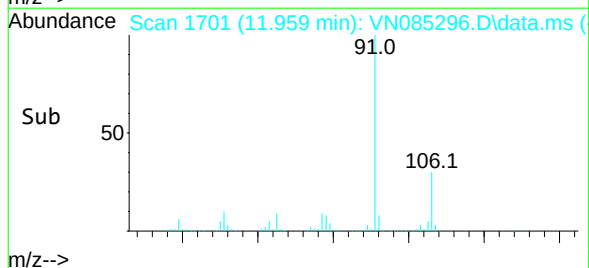
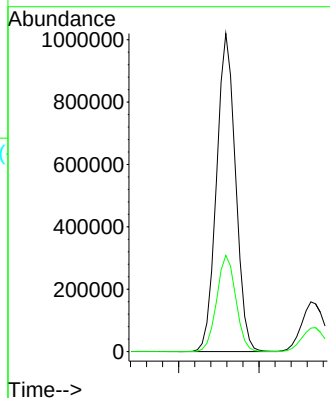
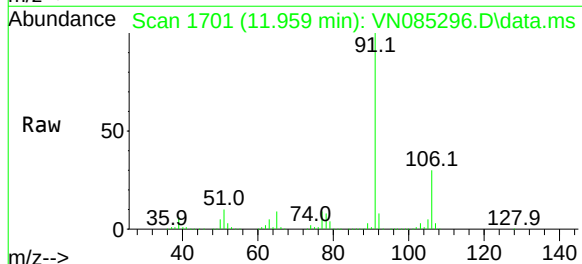
Acq: 23 Dec 2024 16:01

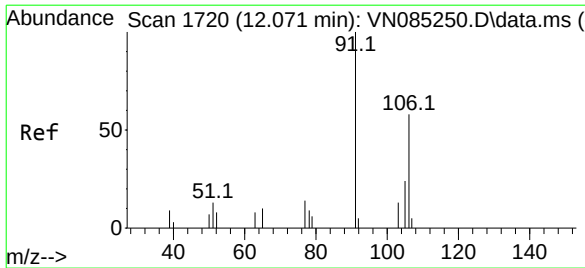
Tgt Ion: 91 Resp: 1676496

Ion Ratio Lower Upper

91 100

106 30.2 23.5 35.3

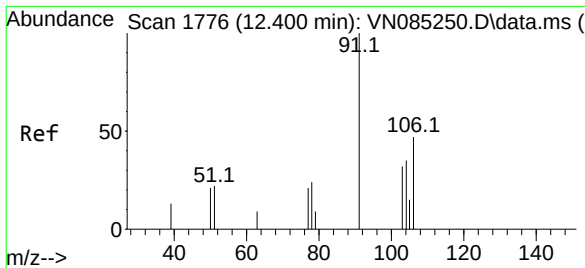
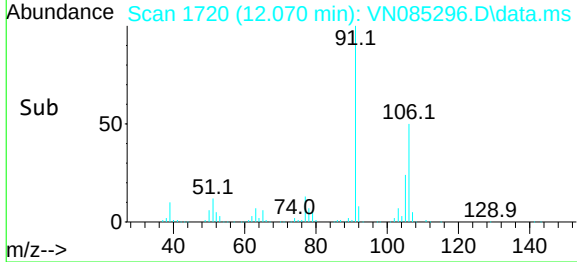
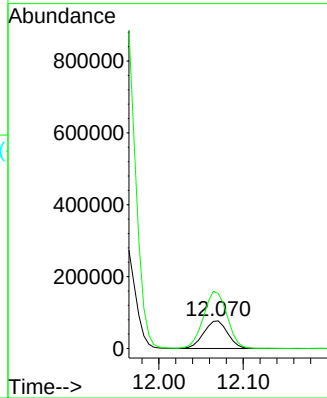
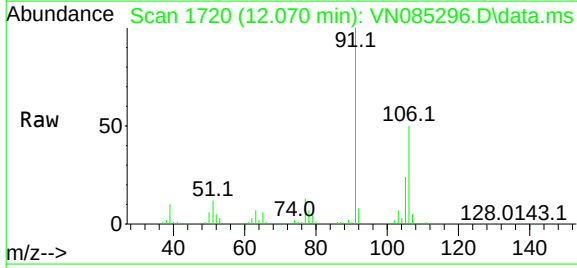




#68
m/p-Xylenes
Concen: 36.046 ug/l
RT: 12.070 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

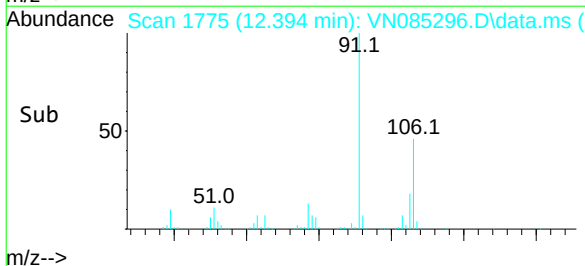
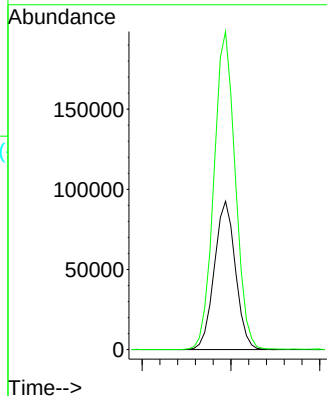
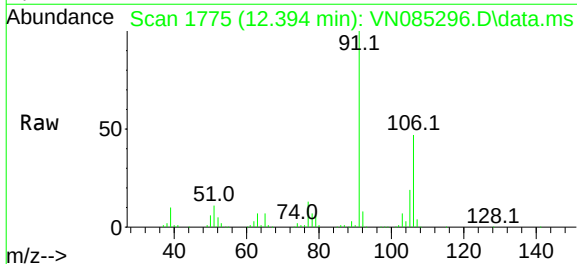
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-M

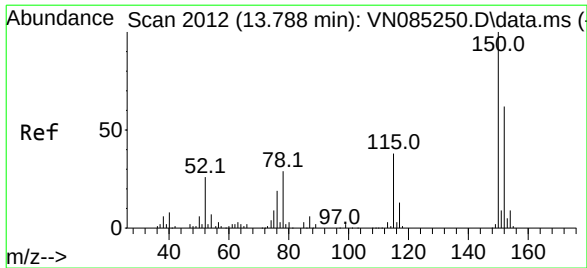
Tgt Ion:106 Resp: 151797
Ion Ratio Lower Upper
106 100
91 203.8 168.3 252.5



#69
o-Xylene
Concen: 38.651 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

Tgt Ion:106 Resp: 152990
Ion Ratio Lower Upper
106 100
91 216.8 112.1 336.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085296.D

Acq: 23 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-1-M

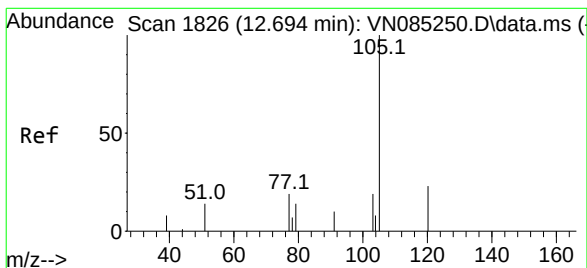
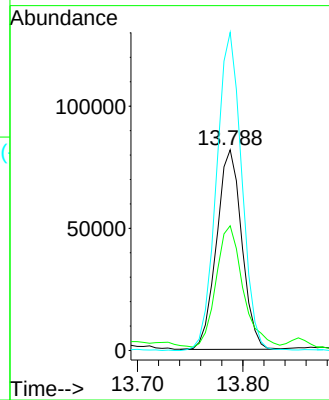
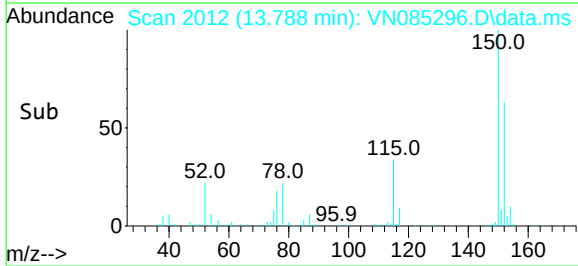
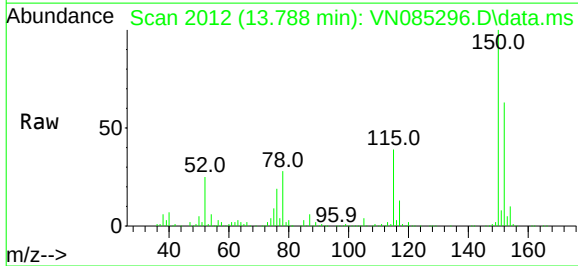
Tgt Ion:152 Resp: 135857

Ion Ratio Lower Upper

152 100

115 64.4 32.1 96.3

150 160.0 0.0 354.6



#73

Isopropylbenzene

Concen: 13.719 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.006 min

Lab File: VN085296.D

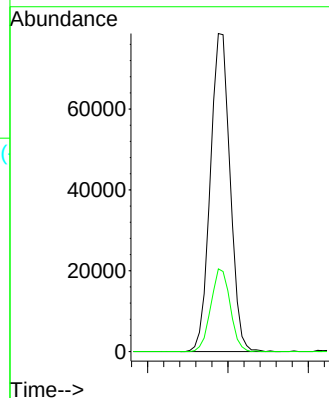
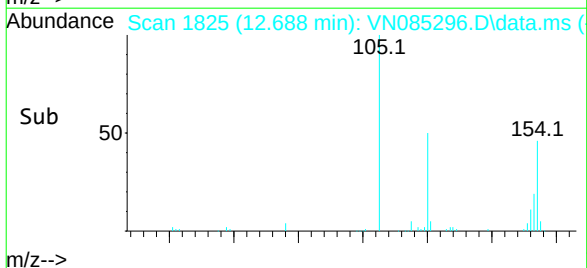
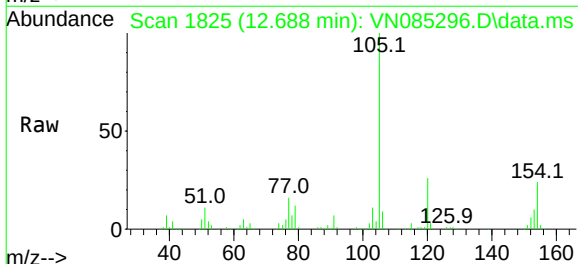
Acq: 23 Dec 2024 16:01

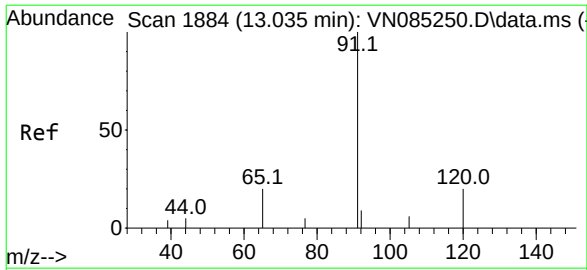
Tgt Ion:105 Resp: 134451

Ion Ratio Lower Upper

105 100

120 25.5 13.0 38.9





#78

n-propylbenzene

Concen: 5.832 ug/l

RT: 13.029 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN085296.D

Acq: 23 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

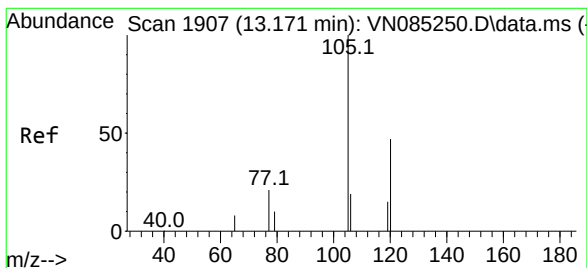
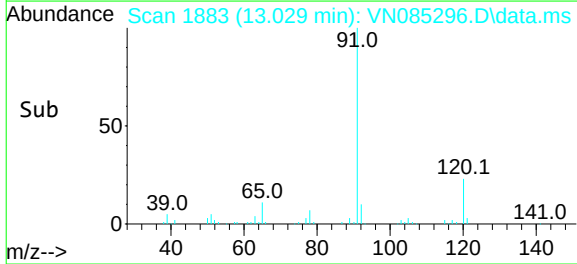
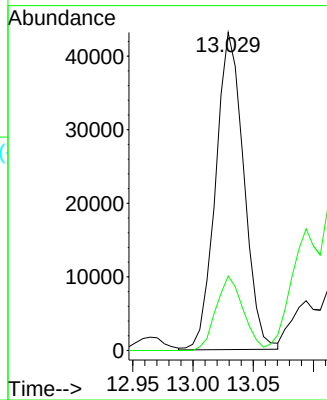
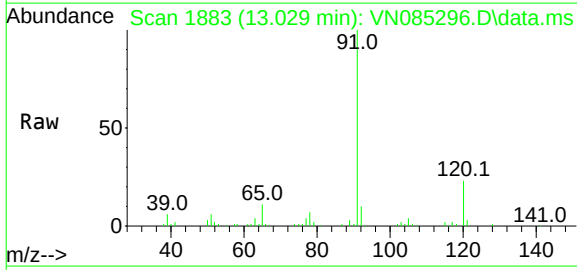
SPLP-C11-1-M

Tgt Ion: 91 Resp: 70098

Ion Ratio Lower Upper

91 100

120 22.5 10.8 32.3



#80

1,3,5-Trimethylbenzene

Concen: 12.467 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085296.D

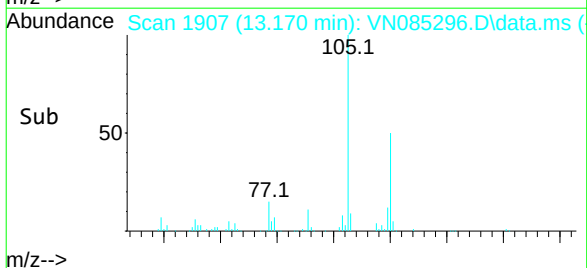
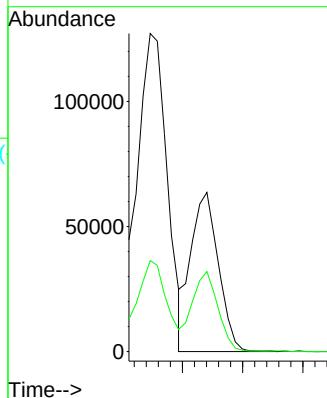
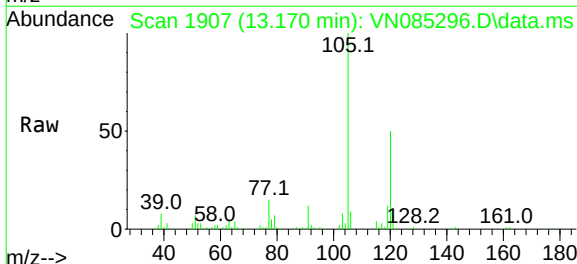
Acq: 23 Dec 2024 16:01

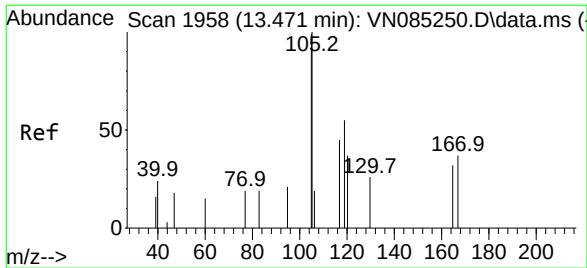
Tgt Ion: 105 Resp: 101910

Ion Ratio Lower Upper

105 100

120 46.9 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 45.624 ug/l

RT: 13.476 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085296.D

Acq: 23 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

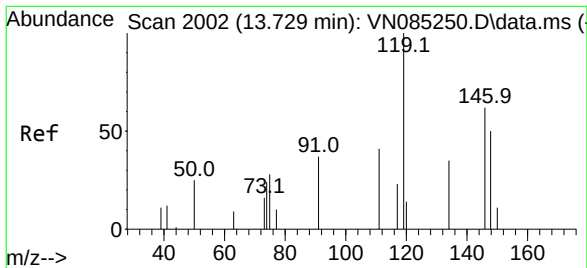
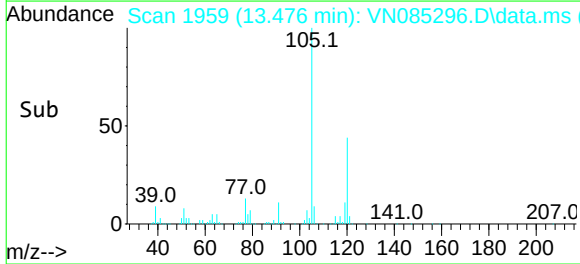
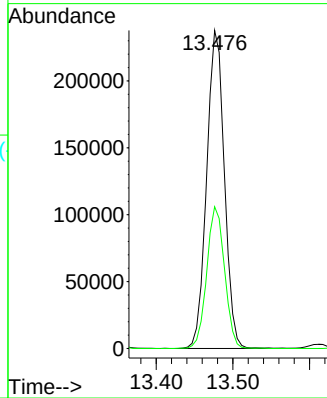
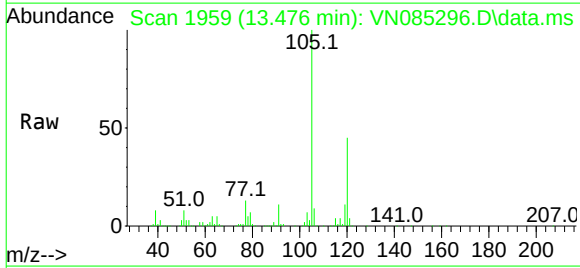
SPLP-C11-1-M

Tgt Ion:105 Resp: 381223

Ion Ratio Lower Upper

105 100

120 44.9 21.8 65.3



#86

p-Isopropyltoluene

Concen: 3.924 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085296.D

Acq: 23 Dec 2024 16:01

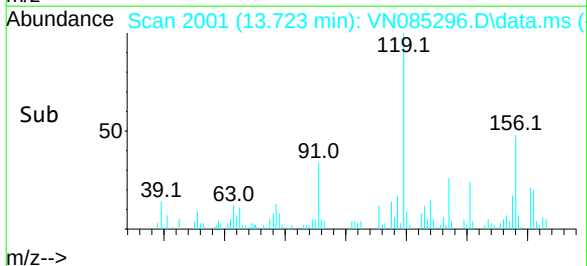
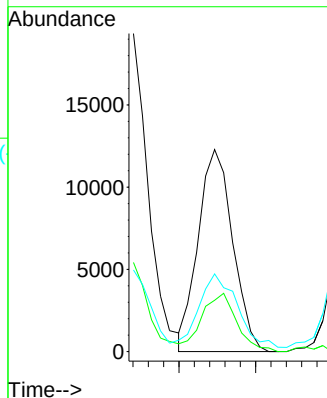
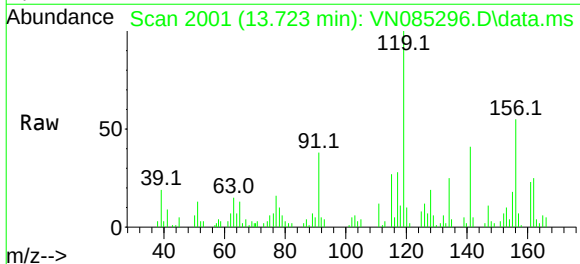
Tgt Ion:119 Resp: 19240

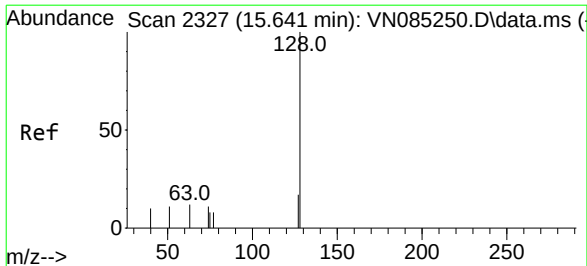
Ion Ratio Lower Upper

119 100

134 29.2 12.5 37.5

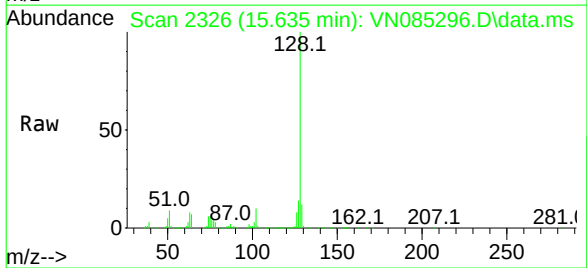
91 0.0 13.0 38.9#





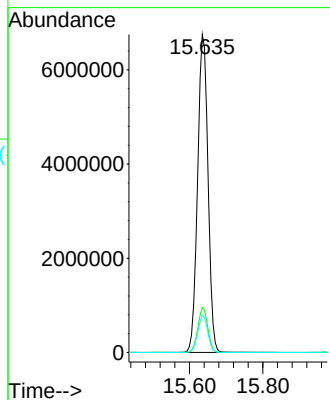
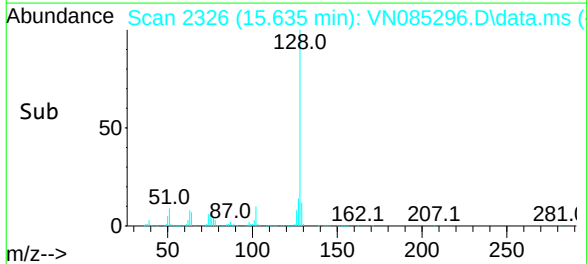
Naphthalene
 Concen: 1772.146 ug/l
 RT: 15.635 min Scan# 23
 Delta R.T. -0.006 min
 Lab File: VN085296.D
 Acq: 23 Dec 2024 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-1-M



Tgt Ion:128 Resp:13240403

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.3	8.6	13.0



Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C11-1-MDL	SDG No.:	P5371
Lab Sample ID:	P5371-04DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085306.D	4		12/23/24 19:59	VN122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.84	UD	0.84	20.0	ug/L
74-87-3	Chloromethane	1.40	UD	1.40	20.0	ug/L
75-01-4	Vinyl Chloride	1.40	UD	1.40	20.0	ug/L
74-83-9	Bromomethane	5.40	UD	5.40	20.0	ug/L
75-00-3	Chloroethane	2.20	UD	2.20	20.0	ug/L
75-69-4	Trichlorofluoromethane	1.40	UD	1.40	20.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	UD	1.00	20.0	ug/L
75-35-4	1,1-Dichloroethene	1.00	UD	1.00	20.0	ug/L
67-64-1	Acetone	27.2	JD	5.60	100	ug/L
75-15-0	Carbon Disulfide	1.30	UD	1.30	20.0	ug/L
1634-04-4	Methyl tert-butyl Ether	0.64	UD	0.64	20.0	ug/L
79-20-9	Methyl Acetate	2.40	UD	2.40	20.0	ug/L
75-09-2	Methylene Chloride	1.30	UD	1.30	20.0	ug/L
156-60-5	trans-1,2-Dichloroethene	1.00	UD	1.00	20.0	ug/L
75-34-3	1,1-Dichloroethane	0.92	UD	0.92	20.0	ug/L
110-82-7	Cyclohexane	6.50	UD	6.50	20.0	ug/L
78-93-3	2-Butanone	5.20	UD	5.20	100	ug/L
56-23-5	Carbon Tetrachloride	1.00	UD	1.00	20.0	ug/L
156-59-2	cis-1,2-Dichloroethene	7.50	JD	1.00	20.0	ug/L
74-97-5	Bromochloromethane	0.72	UD	0.72	20.0	ug/L
67-66-3	Chloroform	4.10	JD	1.00	20.0	ug/L
71-55-6	1,1,1-Trichloroethane	0.76	UD	0.76	20.0	ug/L
108-87-2	Methylcyclohexane	0.76	UD	0.76	20.0	ug/L
71-43-2	Benzene	21.3	D	0.64	20.0	ug/L
107-06-2	1,2-Dichloroethane	0.96	UD	0.96	20.0	ug/L
79-01-6	Trichloroethene	1.30	UD	1.30	20.0	ug/L
78-87-5	1,2-Dichloropropane	0.76	UD	0.76	20.0	ug/L
75-27-4	Bromodichloromethane	0.96	UD	0.96	20.0	ug/L
108-10-1	4-Methyl-2-Pentanone	3.00	UD	3.00	100	ug/L
108-88-3	Toluene	22.7	D	0.72	20.0	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C11-1-MDL	SDG No.:	P5371
Lab Sample ID:	P5371-04DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085306.D	4		12/23/24 19:59	VN122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.84	UD	0.84	20.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.72	UD	0.72	20.0	ug/L
79-00-5	1,1,2-Trichloroethane	0.84	UD	0.84	20.0	ug/L
591-78-6	2-Hexanone	4.50	UD	4.50	100	ug/L
124-48-1	Dibromochloromethane	0.72	UD	0.72	20.0	ug/L
106-93-4	1,2-Dibromoethane	0.64	UD	0.64	20.0	ug/L
127-18-4	Tetrachloroethene	1.00	UD	1.00	20.0	ug/L
108-90-7	Chlorobenzene	0.52	UD	0.52	20.0	ug/L
100-41-4	Ethyl Benzene	150	D	0.64	20.0	ug/L
179601-23-1	m/p-Xylenes	37.2	JD	1.20	40.0	ug/L
95-47-6	o-Xylene	38.8	D	0.56	20.0	ug/L
100-42-5	Styrene	0.64	UD	0.64	20.0	ug/L
75-25-2	Bromoform	0.84	UD	0.84	20.0	ug/L
98-82-8	Isopropylbenzene	13.8	JD	0.52	20.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.10	UD	1.10	20.0	ug/L
541-73-1	1,3-Dichlorobenzene	0.96	UD	0.96	20.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.10	UD	1.10	20.0	ug/L
95-50-1	1,2-Dichlorobenzene	0.76	UD	0.76	20.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	UD	1.80	20.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.70	UD	1.70	20.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.00	UD	2.00	20.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.5		70 (74) - 130 (125)	87%	SPK: 50
1868-53-7	Dibromofluoromethane	43.6		70 (75) - 130 (124)	87%	SPK: 50
2037-26-5	Toluene-d8	47.2		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.4		70 (77) - 130 (121)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	147000	8.224			
540-36-3	1,4-Difluorobenzene	268000	9.1			
3114-55-4	Chlorobenzene-d5	235000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	106000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C11-1-MDL		SDG No.:	P5371	
Lab Sample ID:	P5371-04DL		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085306.D	4		12/23/24 19:59	VN122324

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_N\Data\VN122324\
 Data File : VN085306.D
 Acq On : 23 Dec 2024 19:59
 Operator : JC\MD
 Sample : P5371-04DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-1-MDL

Quant Time: Dec 24 04:17:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

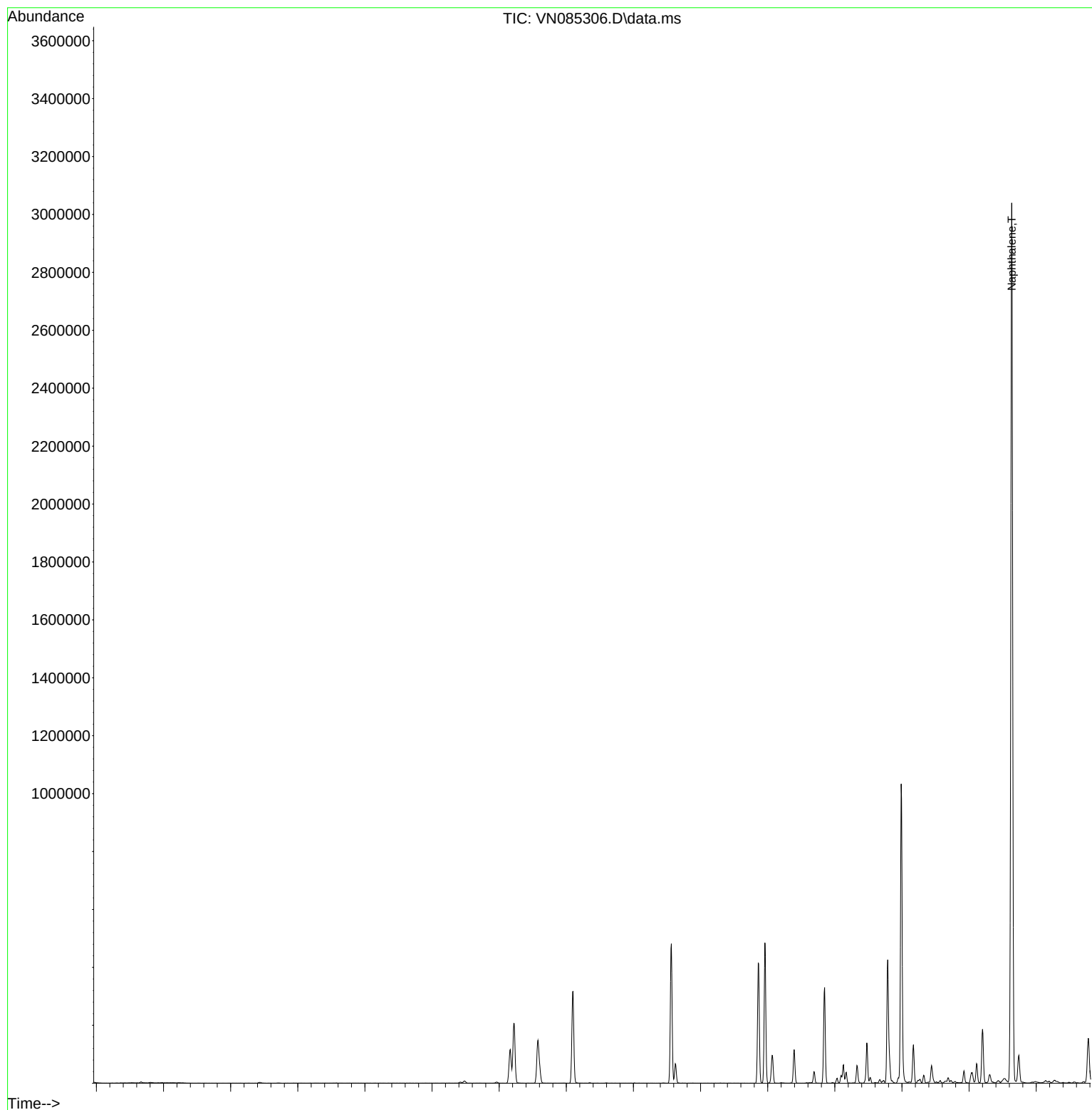
Internal Standards						
1) Pentafluorobenzene	8.224	168	147336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	235244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112123	43.539	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.080%		
35) Dibromofluoromethane	8.159	113	82186	43.556	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.120%		
50) Toluene-d8	10.565	98	325203	47.154	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.300%		
62) 4-Bromofluorobenzene	12.847	95	114209	46.364	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.720%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	6055	6.812	ug/l #	84
27) cis-1,2-Dichloroethene	7.483	96	4055	1.878	ug/l	88
30) Chloroform	7.965	83	3940	1.025	ug/l	98
40) Benzene	8.606	78	43452	5.316	ug/l	99
52) Toluene	10.624	92	27944	5.686	ug/l	99
67) Ethyl Benzene	11.959	91	348657	38.468	ug/l	98
68) m/p-Xylenes	12.071	106	31520	9.298	ug/l	97
69) o-Xylene	12.394	106	30899	9.697	ug/l	99
73) Isopropylbenzene	12.694	105	26172	3.439	ug/l	98
78) n-propylbenzene	13.035	91	14482	1.551	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	17782	2.801	ug/l	89
84) 1,2,4-Trimethylbenzene	13.477	105	75771	11.676	ug/l	99
86) p-Isopropyltoluene	13.729	119	3565	2.419	ug/l #	73
95) Naphthalene	15.635	128	2722597	469.217	ug/l	100

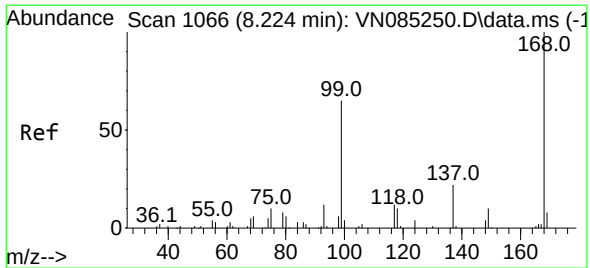
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085306.D
Acq On : 23 Dec 2024 19:59
Operator : JC\MD
Sample : P5371-04DL 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-MDL

Quant Time: Dec 24 04:17:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

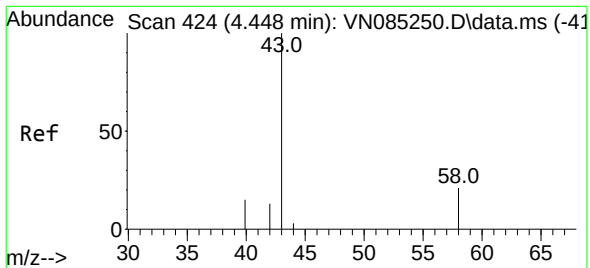
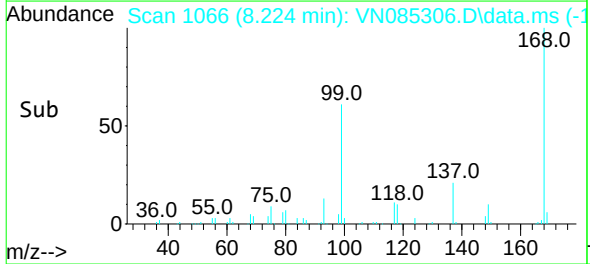
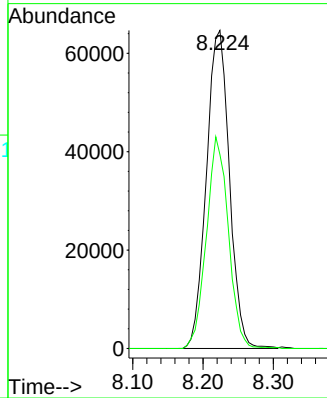
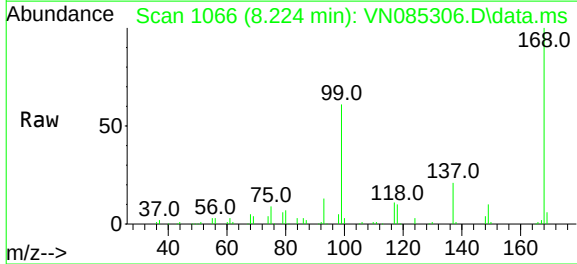




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085306.D
Acq: 23 Dec 2024 19:59

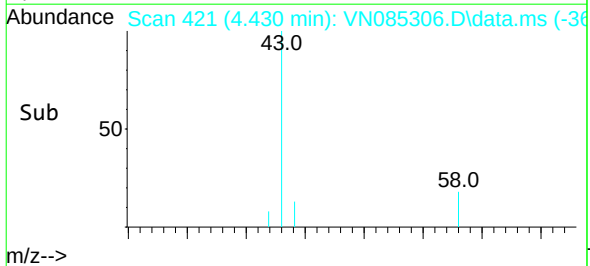
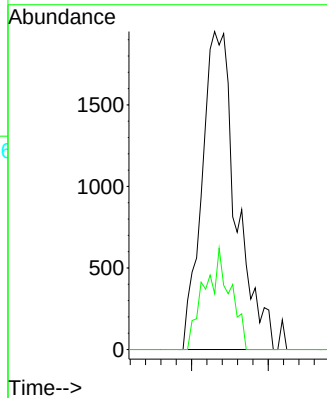
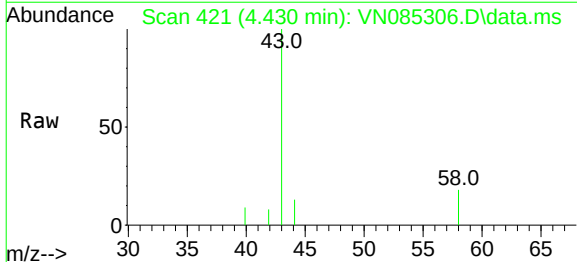
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-MDL

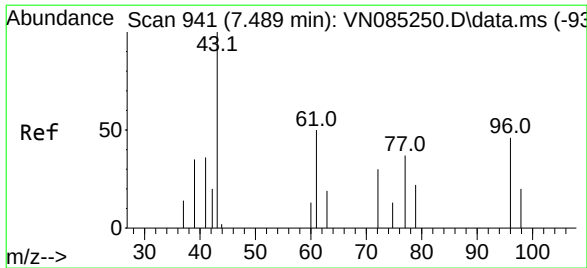
Tgt Ion:168 Resp: 147336
Ion Ratio Lower Upper
168 100
99 61.0 50.7 76.1



#16
Acetone
Concen: 6.812 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085306.D
Acq: 23 Dec 2024 19:59

Tgt Ion: 43 Resp: 6055
Ion Ratio Lower Upper
43 100
58 17.6 20.8 31.2#





#27

cis-1,2-Dichloroethene

Concen: 1.878 ug/l

RT: 7.483 min Scan# 94

Delta R.T. 0.000 min

Lab File: VN085306.D

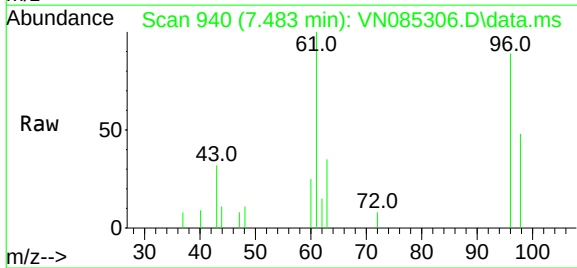
Acq: 23 Dec 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-1-MDL



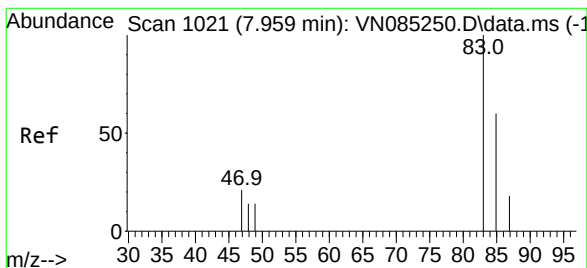
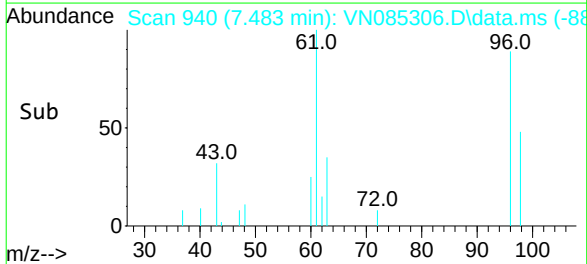
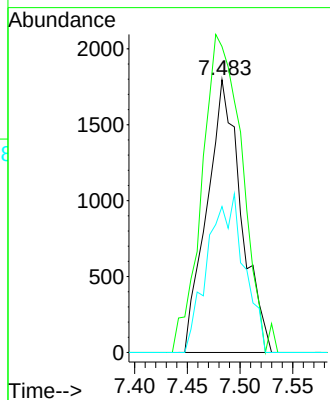
Tgt Ion: 96 Resp: 4055

Ion Ratio Lower Upper

96 100

61 136.4 0.0 316.4

98 61.9 0.0 125.4



#30

Chloroform

Concen: 1.025 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN085306.D

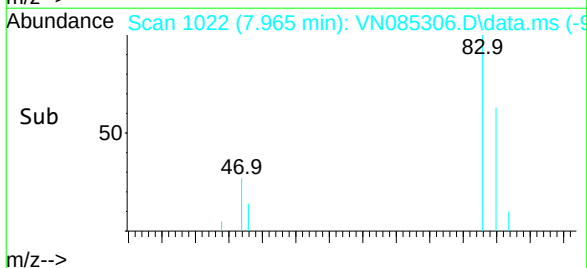
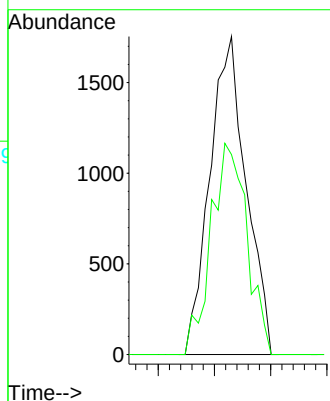
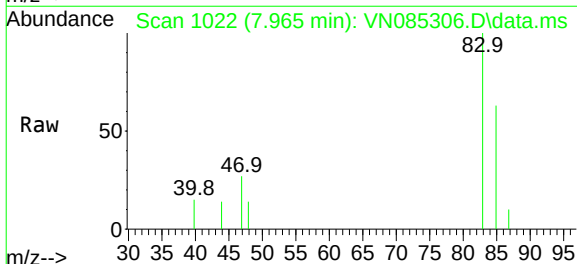
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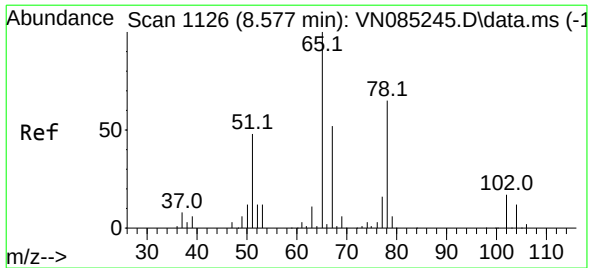
Tgt Ion: 83 Resp: 3940

Ion Ratio Lower Upper

83 100

85 62.9 51.4 77.0

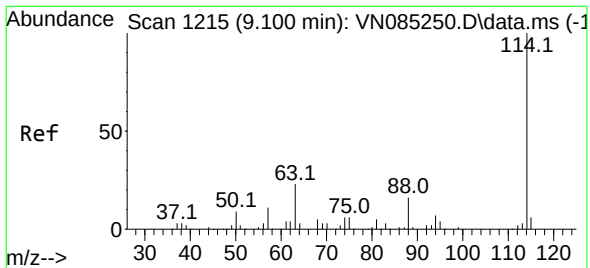
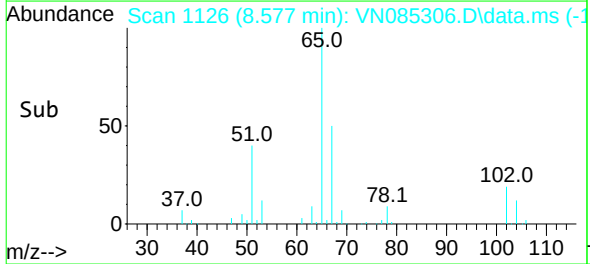
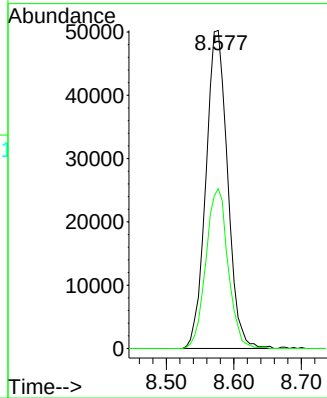
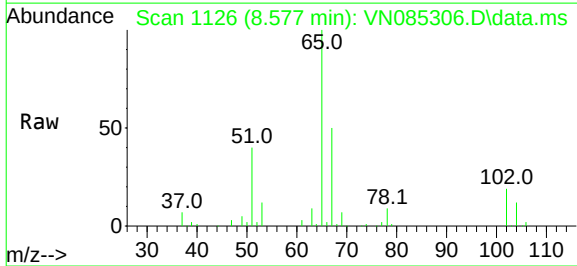




#33
1,2-Dichloroethane-d4
Concen: 43.539 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085306.D
Acq: 23 Dec 2024 19:59

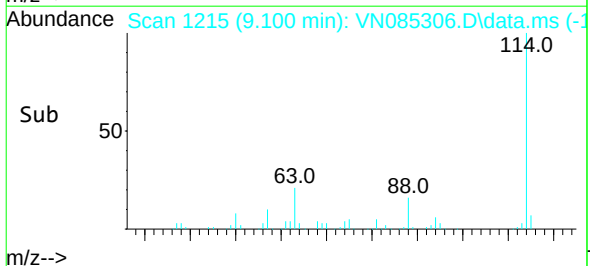
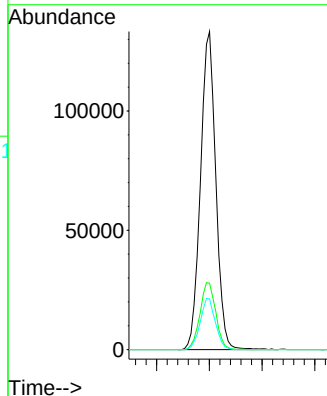
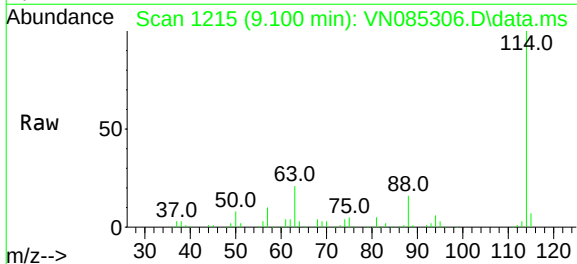
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-MDL

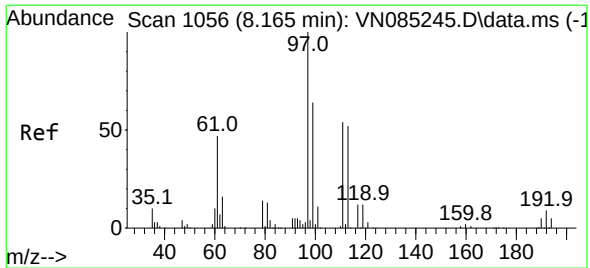
Tgt Ion: 65 Resp: 112123
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085306.D
Acq: 23 Dec 2024 19:59

Tgt Ion: 114 Resp: 268390
Ion Ratio Lower Upper
114 100
63 20.9 0.0 46.2
88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 43.556 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN085306.D

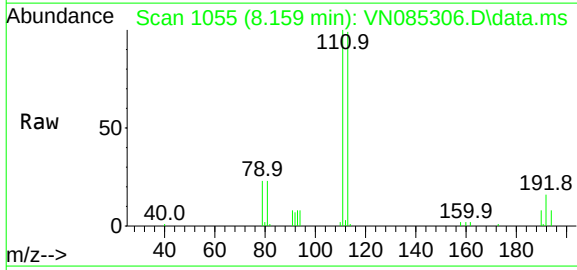
Acq: 23 Dec 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-1-MDL



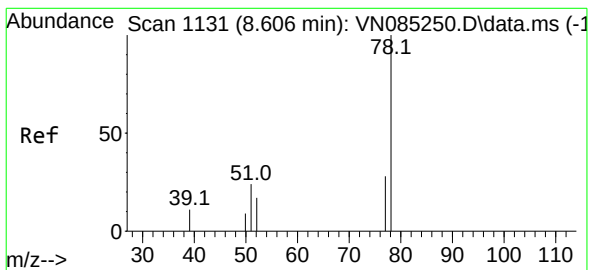
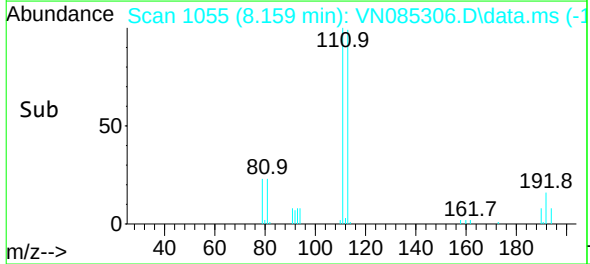
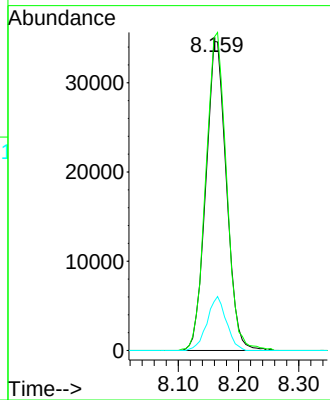
Tgt Ion:113 Resp: 82186

Ion Ratio Lower Upper

113 100

111 103.6 82.1 123.1

192 16.4 13.4 20.0



#40

Benzene

Concen: 5.316 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085306.D

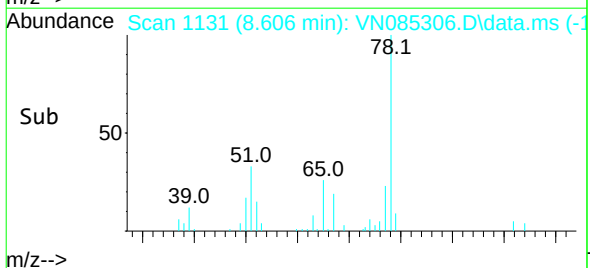
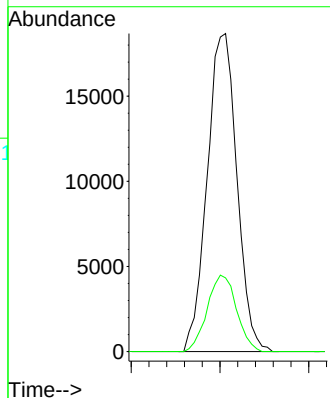
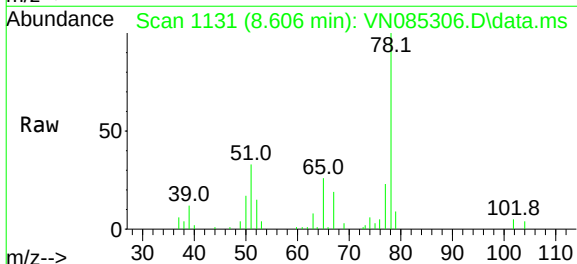
Acq: 23 Dec 2024 19:59

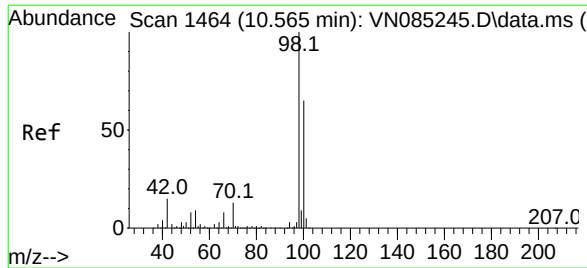
Tgt Ion: 78 Resp: 43452

Ion Ratio Lower Upper

78 100

77 23.2 18.9 28.3





#50

Toluene-d8

Concen: 47.154 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085306.D

Acq: 23 Dec 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

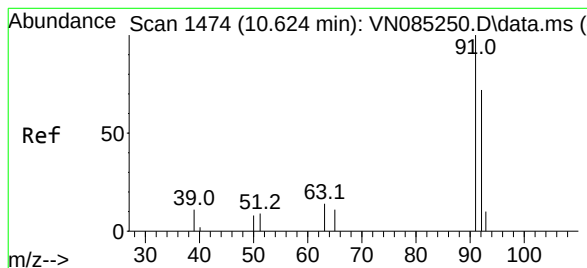
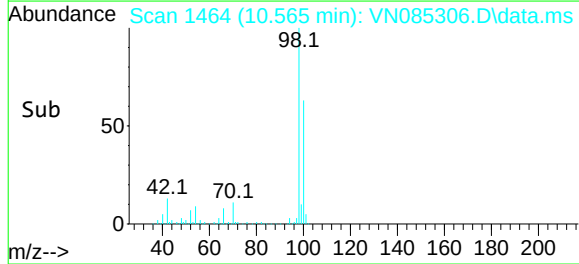
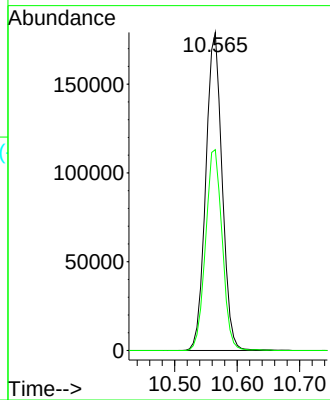
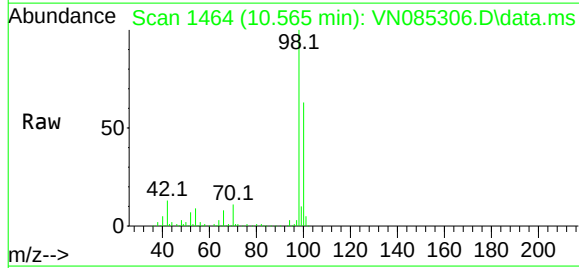
SPLP-C11-1-MDL

Tgt Ion: 98 Resp: 325203

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#52

Toluene

Concen: 5.686 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085306.D

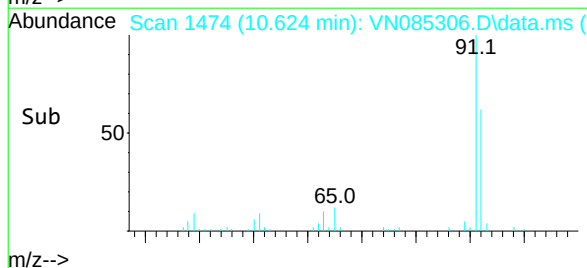
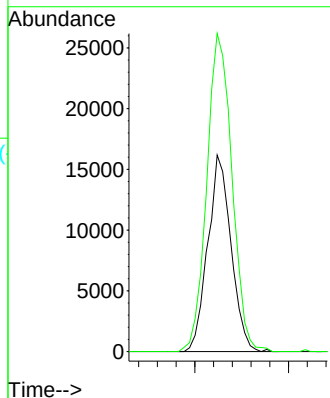
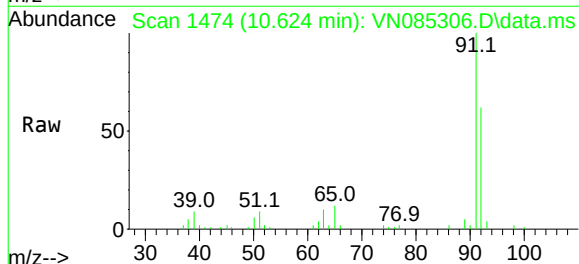
Acq: 23 Dec 2024 19:59

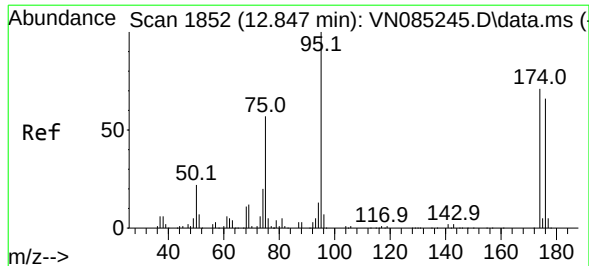
Tgt Ion: 92 Resp: 27944

Ion Ratio Lower Upper

92 100

91 174.9 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 46.364 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085306.D

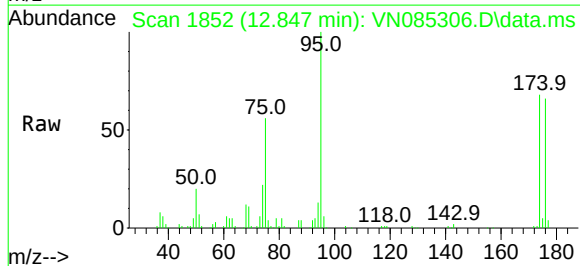
Acq: 23 Dec 2024 19:59

Instrument :

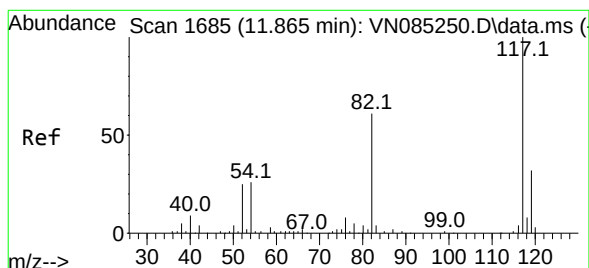
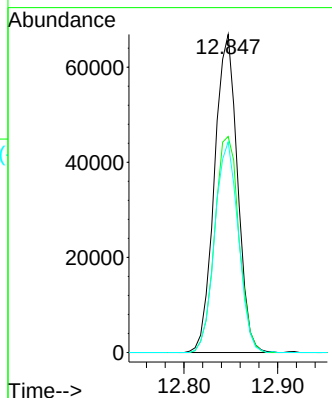
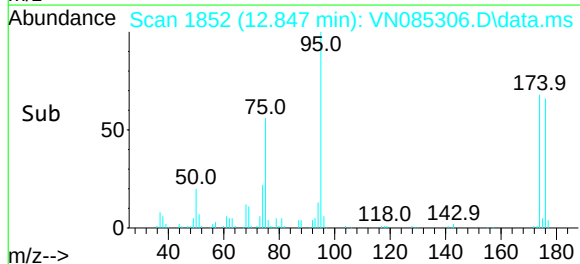
MSVOA_N

ClientSampleId :

SPLP-C11-1-MDL



Tgt Ion:	95	Resp:	114209
Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	144.4
176	67.7	0.0	136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

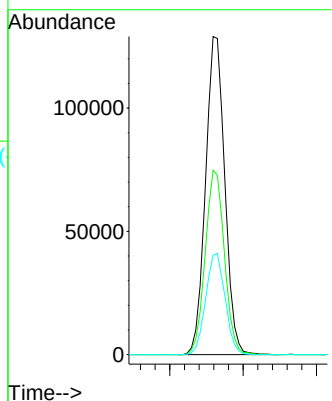
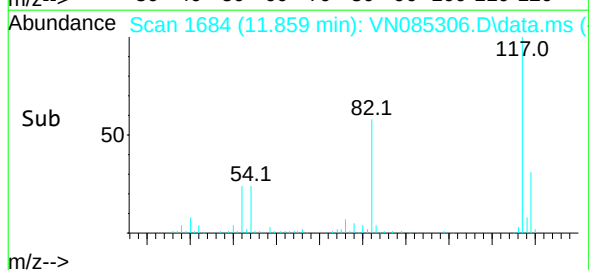
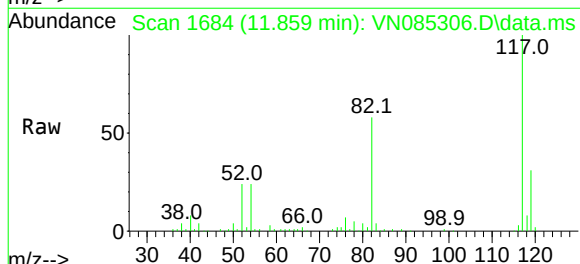
RT: 11.859 min Scan# 1684

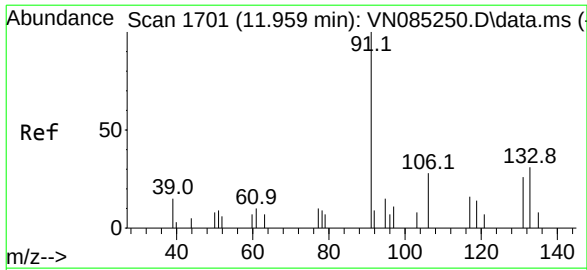
Delta R.T. -0.006 min

Lab File: VN085306.D

Acq: 23 Dec 2024 19:59

Tgt Ion:	117	Resp:	235244
Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.4	71.2
119	31.2	25.6	38.4





#67

Ethyl Benzene

Concen: 38.468 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085306.D

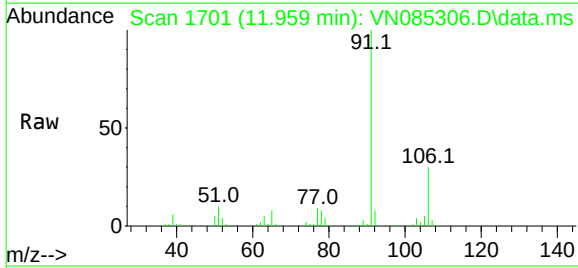
Acq: 23 Dec 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-1-MDL

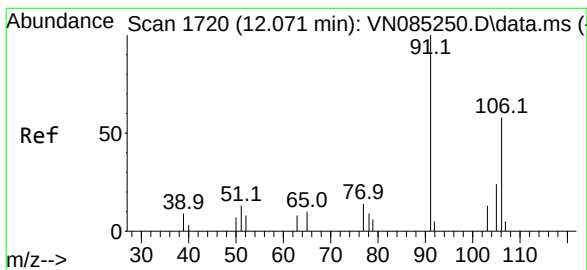
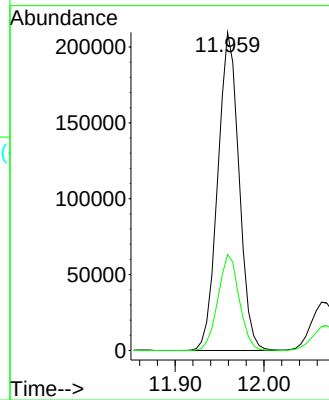
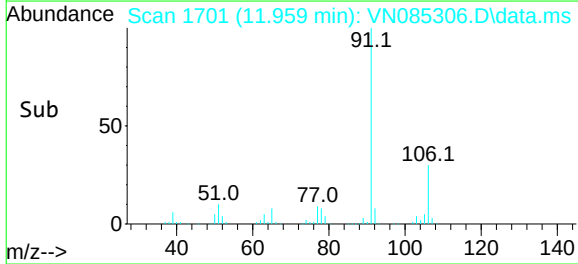


Tgt Ion: 91 Resp: 348657

Ion Ratio Lower Upper

91 100

106 30.2 23.5 35.3



#68

m/p-Xylenes

Concen: 9.298 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN085306.D

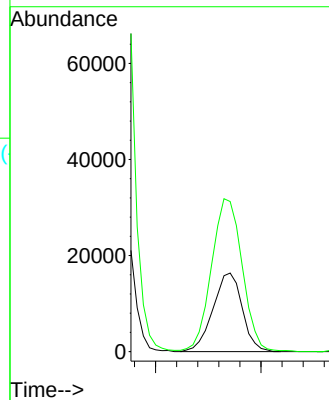
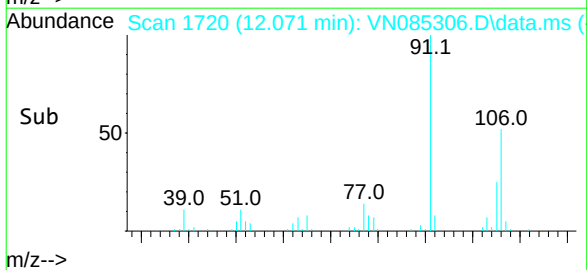
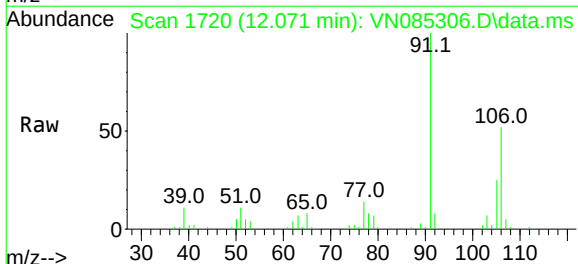
Acq: 23 Dec 2024 19:59

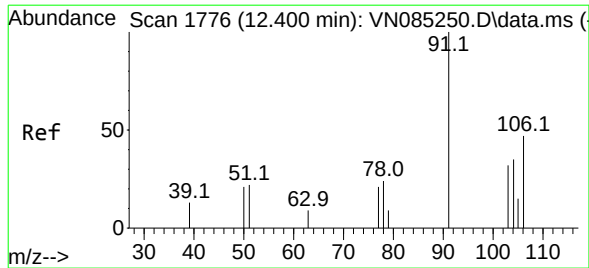
Tgt Ion: 106 Resp: 31520

Ion Ratio Lower Upper

106 100

91 205.1 168.3 252.5





#69

o-Xylene

Concen: 9.697 ug/l

RT: 12.394 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085306.D

Acq: 23 Dec 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

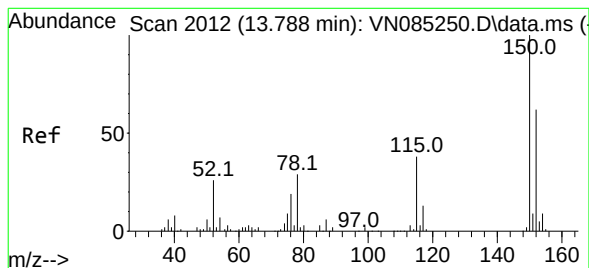
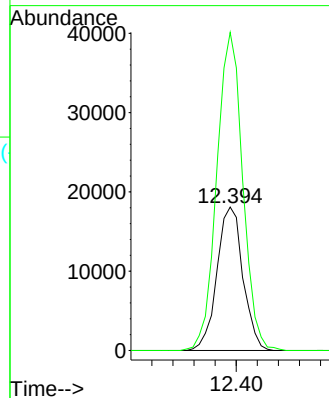
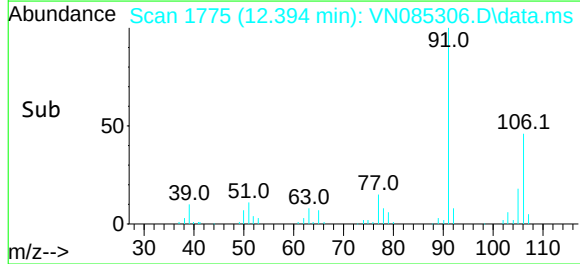
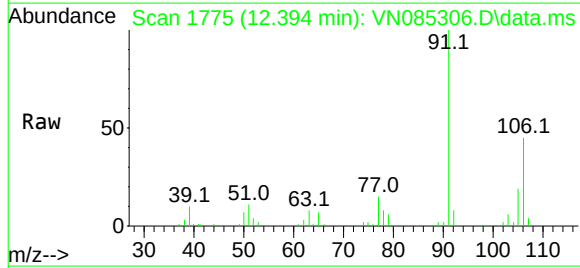
SPLP-C11-1-MDL

Tgt Ion:106 Resp: 30899

Ion Ratio Lower Upper

106 100

91 221.8 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085306.D

Acq: 23 Dec 2024 19:59

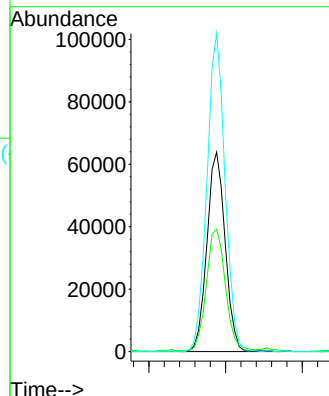
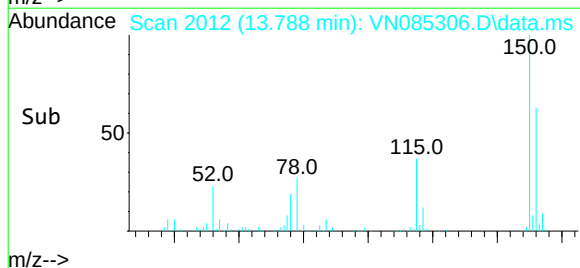
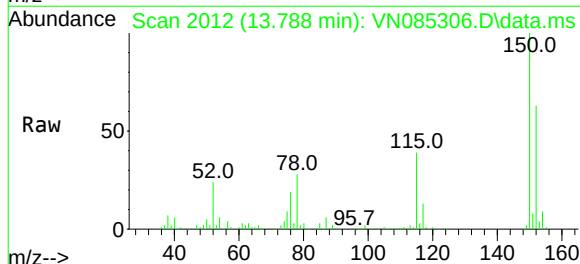
Tgt Ion:152 Resp: 105509

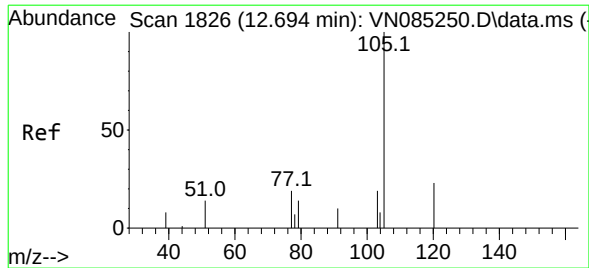
Ion Ratio Lower Upper

152 100

115 63.7 32.1 96.3

150 157.6 0.0 354.6





#73

Isopropylbenzene

Concen: 3.439 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085306.D

Acq: 23 Dec 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

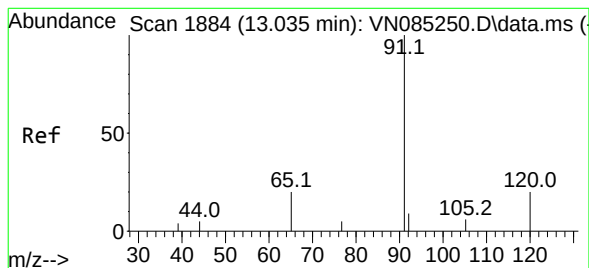
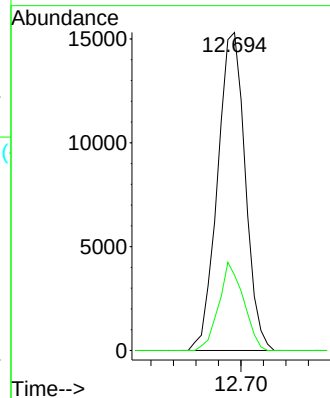
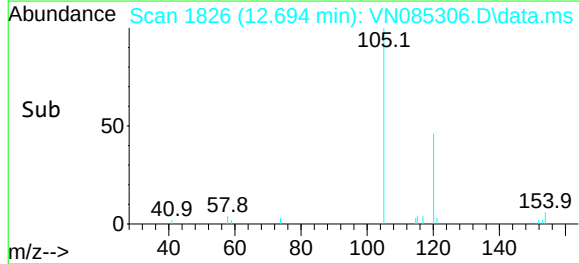
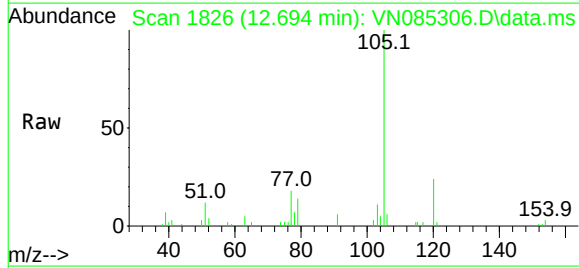
SPLP-C11-1-MDL

Tgt Ion:105 Resp: 26172

Ion Ratio Lower Upper

105 100

120 24.7 13.0 38.9



#78

n-propylbenzene

Concen: 1.551 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN085306.D

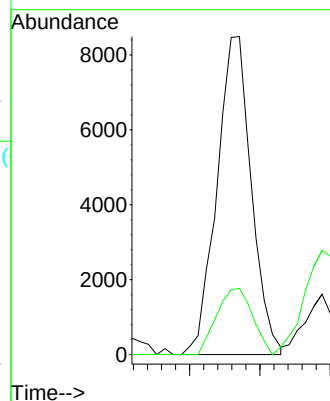
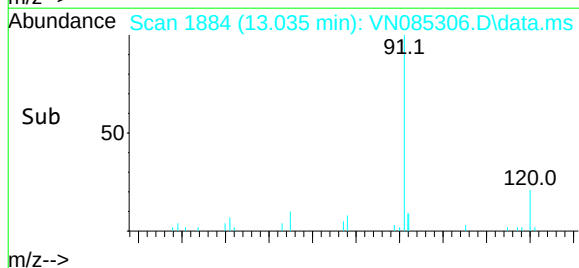
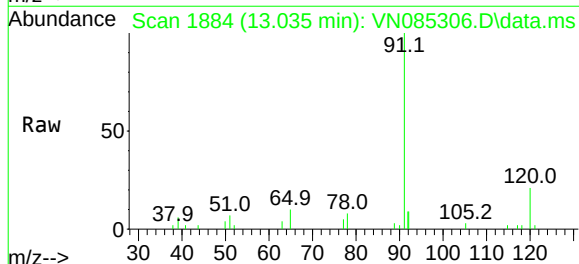
Acq: 23 Dec 2024 19:59

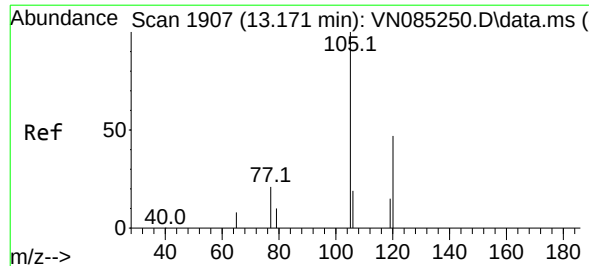
Tgt Ion: 91 Resp: 14482

Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 2.801 ug/l

RT: 13.171 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN085306.D

Acq: 23 Dec 2024 19:59

Instrument :

MSVOA_N

ClientSampleId :

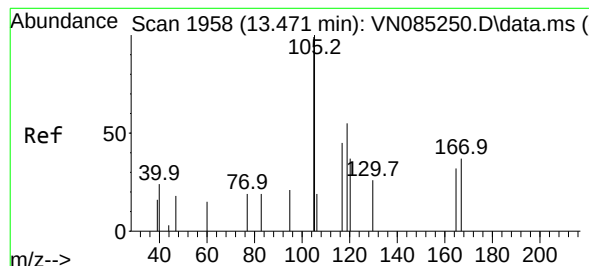
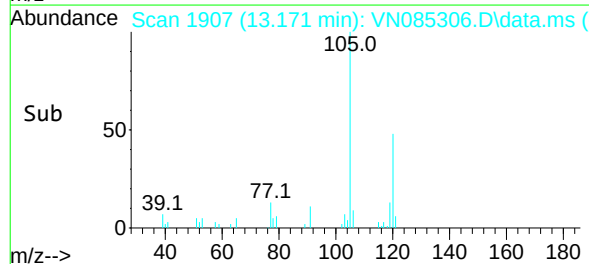
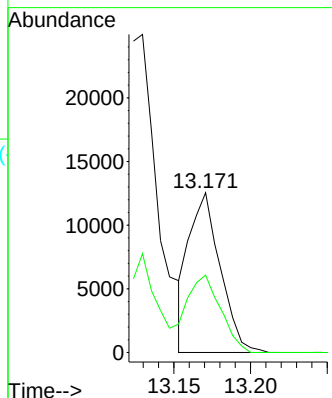
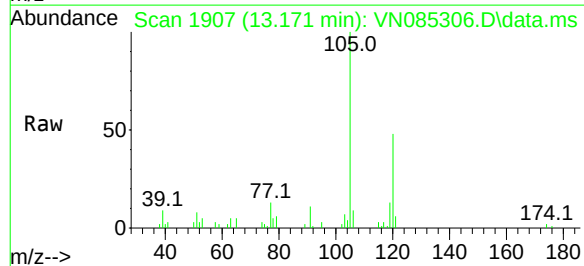
SPLP-C11-1-MDL

Tgt Ion:105 Resp: 17782

Ion Ratio Lower Upper

105 100

120 54.1 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 11.676 ug/l

RT: 13.477 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085306.D

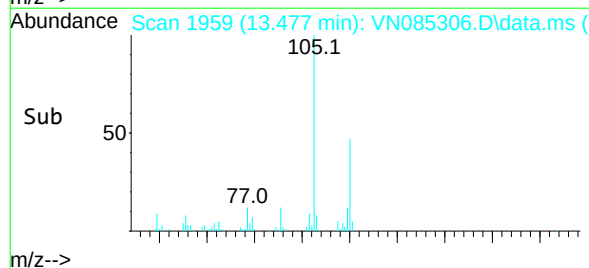
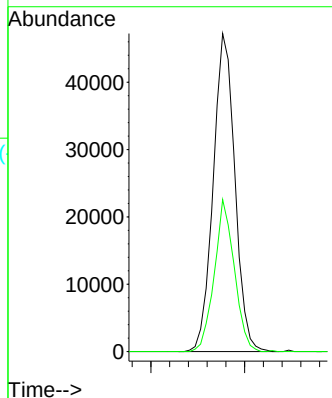
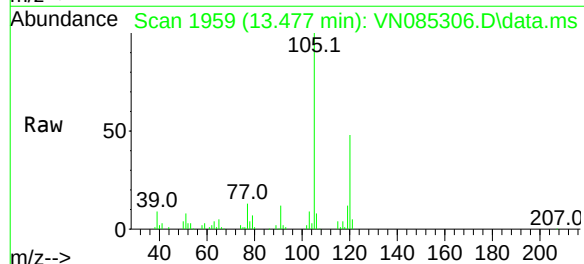
Acq: 23 Dec 2024 19:59

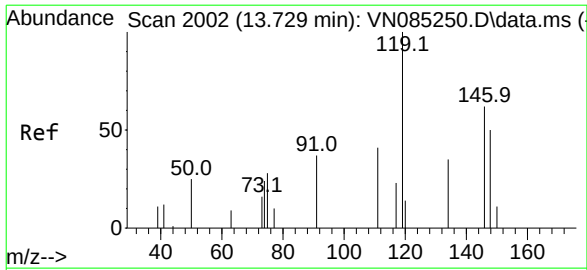
Tgt Ion:105 Resp: 75771

Ion Ratio Lower Upper

105 100

120 44.1 21.8 65.3





#86

p-Isopropyltoluene

Concen: 2.419 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085306.D

Acq: 23 Dec 2024 19:59

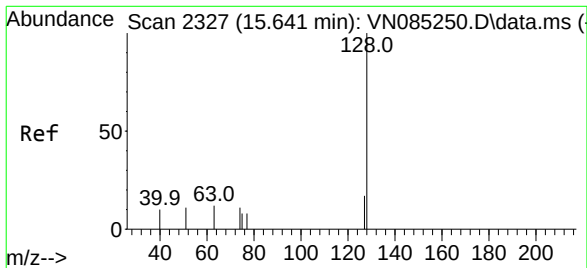
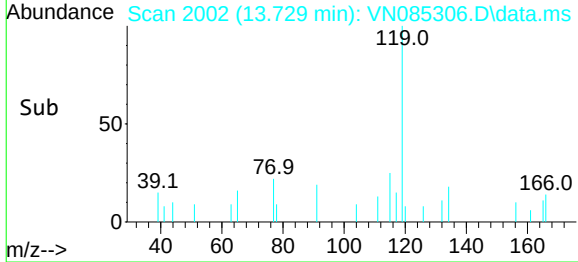
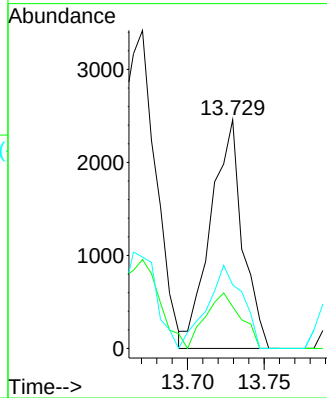
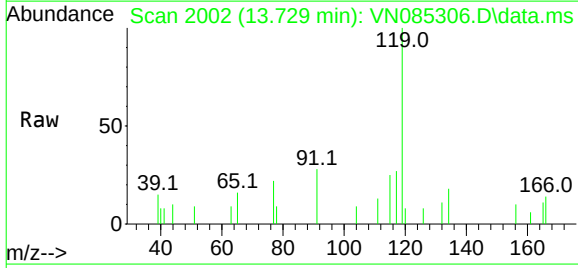
Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-1-MDL

Tgt Ion:	119	Resp:	3565
Ion	Ratio	Lower	Upper
119	100		
134	26.5	12.5	37.5
91	0.0	13.0	38.9



#95

Naphthalene

Concen: 469.217 ug/l

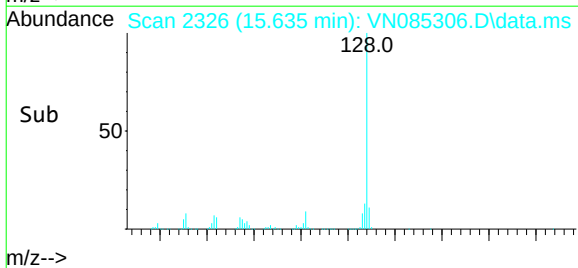
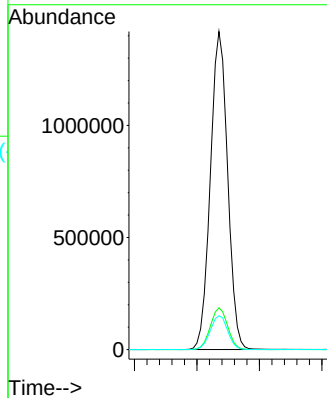
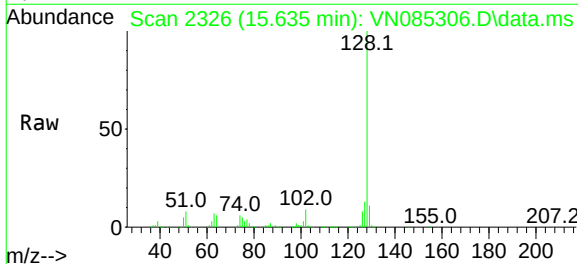
RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085306.D

Acq: 23 Dec 2024 19:59

Tgt Ion:	128	Resp:	2722597
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.8	8.6	13.0



Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C11-2-M		SDG No.:	P5371	
Lab Sample ID:	P5371-05		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085297.D	1		12/23/24 16:25	VN122324

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	23.4	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	13.4		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	3.40	J	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	1.30	J	0.19	5.00	ug/L
71-43-2	Benzene	52.9		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	1.90	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	32.3		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C11-2-M	SDG No.:	P5371
Lab Sample ID:	P5371-05	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085297.D	1		12/23/24 16:25	VN122324

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	220	E	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	49.3		0.31	10.0	ug/L
95-47-6	o-Xylene	50.3		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	16.4		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	40.3		70 (74) - 130 (125)	81%	SPK: 50
1868-53-7	Dibromofluoromethane	31.6	*	70 (75) - 130 (124)	63%	SPK: 50
2037-26-5	Toluene-d8	47.1		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	182000	8.218			
540-36-3	1,4-Difluorobenzene	323000	9.094			
3114-55-4	Chlorobenzene-d5	281000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	135000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C11-2-M		SDG No.:	P5371	
Lab Sample ID:	P5371-05		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085297.D	1		12/23/24 16:25	VN122324

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_N\Data\VN122324\
 Data File : VN085297.D
 Acq On : 23 Dec 2024 16:25
 Operator : JC\MD
 Sample : P5371-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-2-M

Quant Time: Dec 24 04:12:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

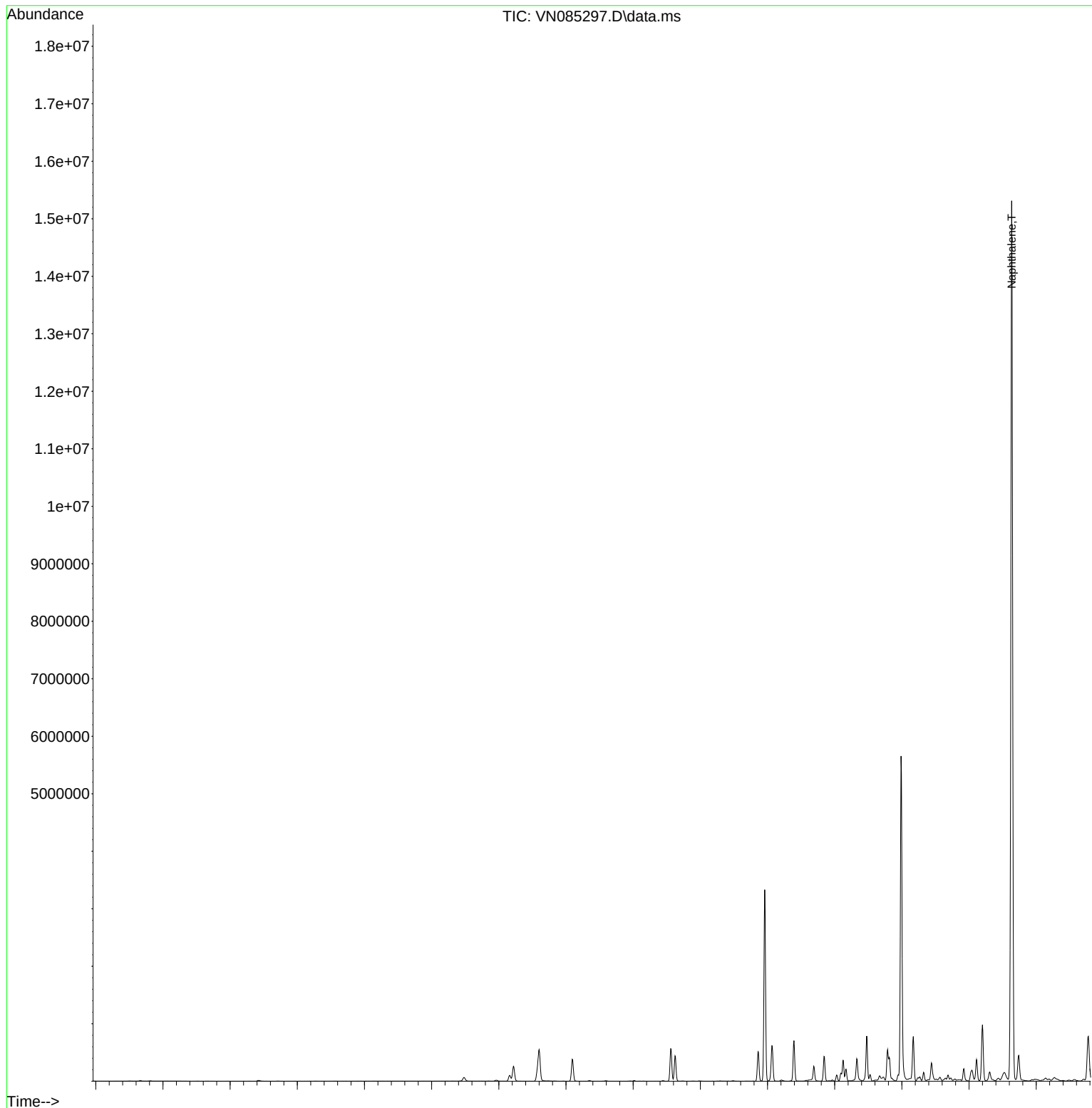
Internal Standards						
1) Pentafluorobenzene	8.218	168	181620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	322846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	281172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	127899	40.290	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.580%		
35) Dibromofluoromethane	8.165	113	71798	31.632	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	63.260%#		
50) Toluene-d8	10.559	98	390792	47.106	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.220%		
62) 4-Bromofluorobenzene	12.841	95	147053	49.628	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.260%		
Target Compounds					Qvalue	
16) Acetone	4.424	43	25641	23.400	ug/l #	81
27) cis-1,2-Dichloroethene	7.483	96	35767	13.441	ug/l	83
30) Chloroform	7.959	83	16107	3.400	ug/l	99
39) Methylcyclohexane	9.600	83	4137	1.258	ug/l	95
40) Benzene	8.600	78	519930	52.879	ug/l	98
44) Trichloroethene	9.353	130	4093	1.870	ug/l	71
52) Toluene	10.624	92	190831	32.278	ug/l	100
67) Ethyl Benzene	11.959	91	2409969	222.461	ug/l	98
68) m/p-Xylenes	12.065	106	199599	49.263	ug/l	95
69) o-Xylene	12.394	106	191476	50.277	ug/l	96
73) Isopropylbenzene	12.688	105	159691	16.371	ug/l	100
78) n-propylbenzene	13.029	91	86477	7.229	ug/l	99
80) 1,3,5-Trimethylbenzene	13.165	105	114431	14.065	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	431203	51.849	ug/l	99
86) p-Isopropyltoluene	13.729	119	20643	4.078	ug/l #	74
95) Naphthalene	15.635	128	13022370	1751.200	ug/l	98

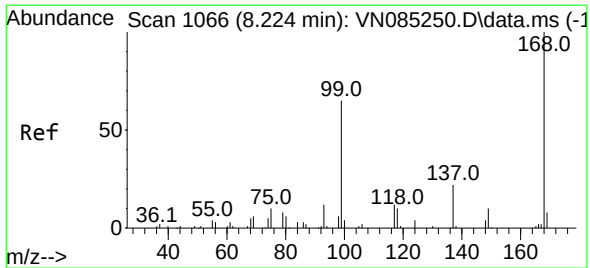
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085297.D
Acq On : 23 Dec 2024 16:25
Operator : JC\MD
Sample : P5371-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-M

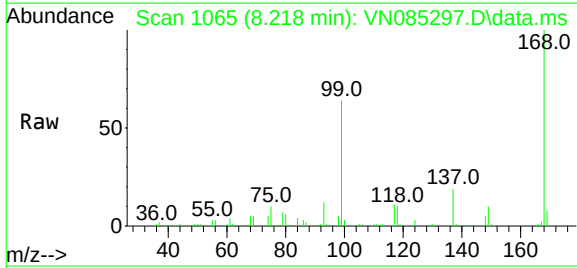
Quant Time: Dec 24 04:12:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



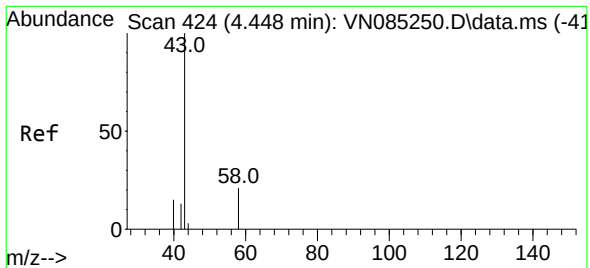
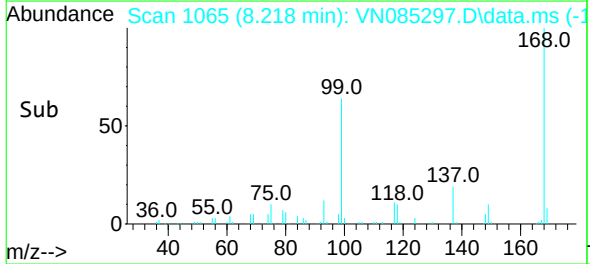
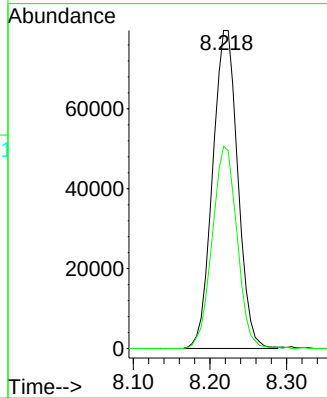


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-M

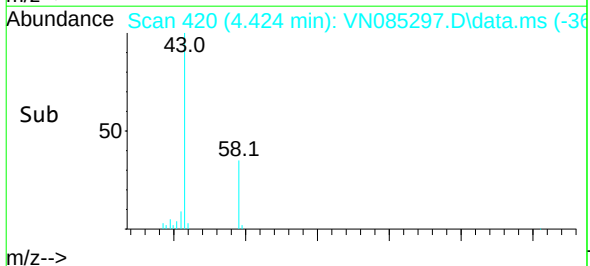
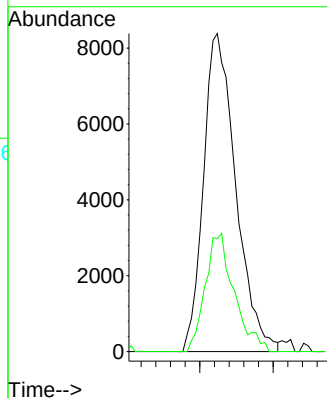
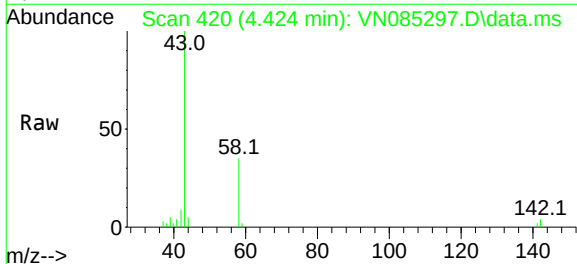


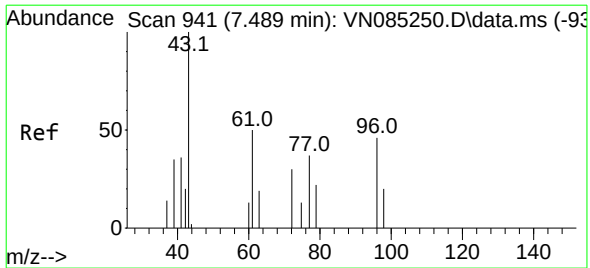
Tgt Ion:168 Resp: 181620
Ion Ratio Lower Upper
168 100
99 63.6 50.7 76.1



#16
Acetone
Concen: 23.400 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

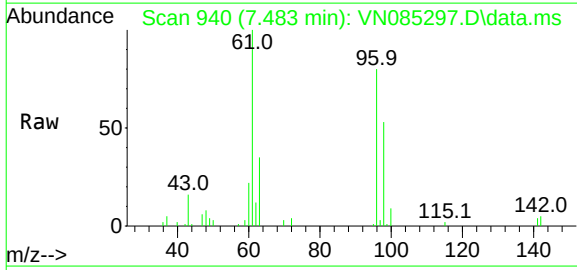
Tgt Ion: 43 Resp: 25641
Ion Ratio Lower Upper
43 100
58 35.5 20.8 31.2#



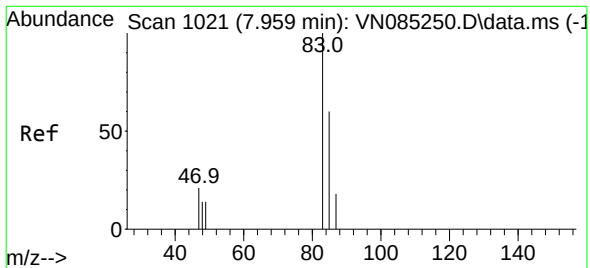
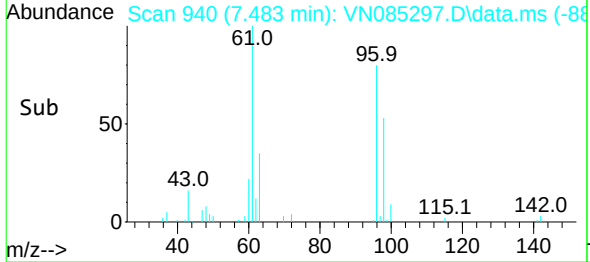
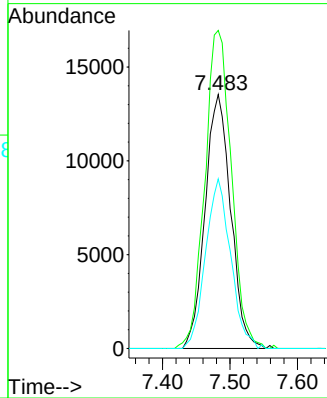


#27
cis-1,2-Dichloroethene
Concen: 13.441 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-M

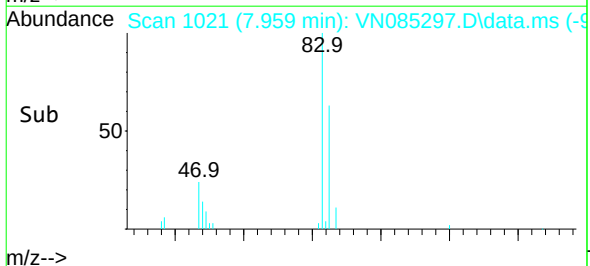
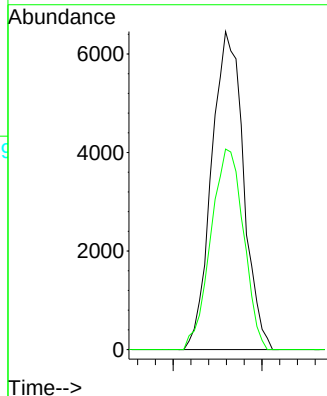
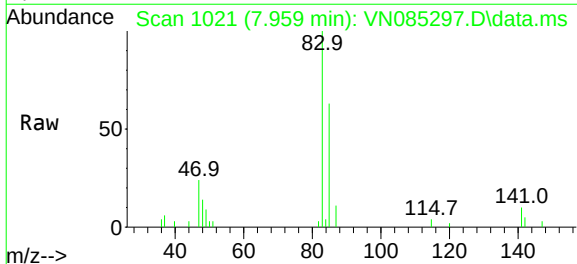


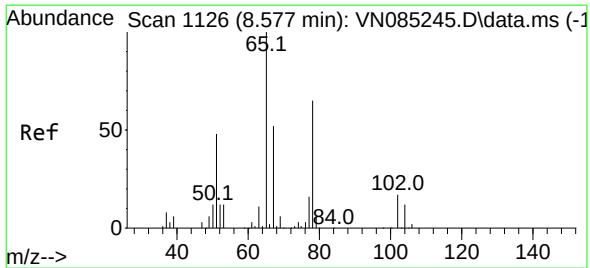
Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	316.4
98	65.3	0.0	125.4



#30
Chloroform
Concen: 3.400 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.4	77.0

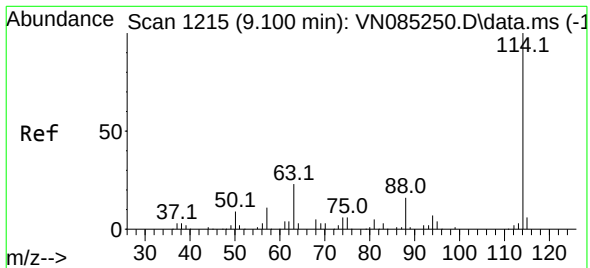
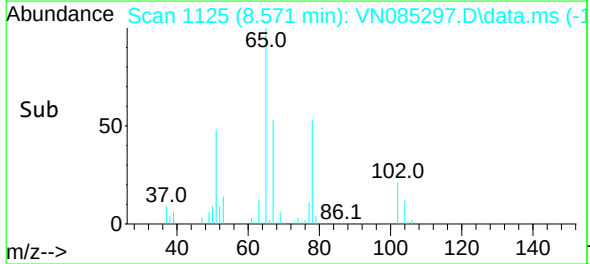
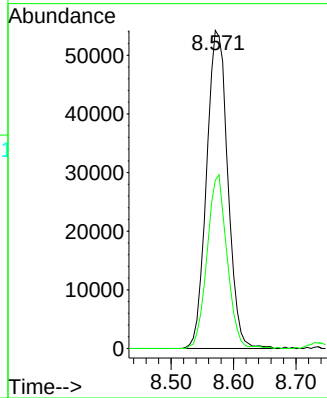
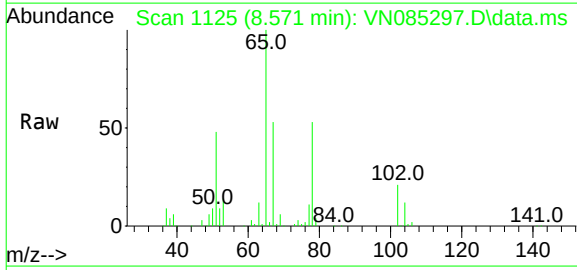




#33
1,2-Dichloroethane-d4
Concen: 40.290 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

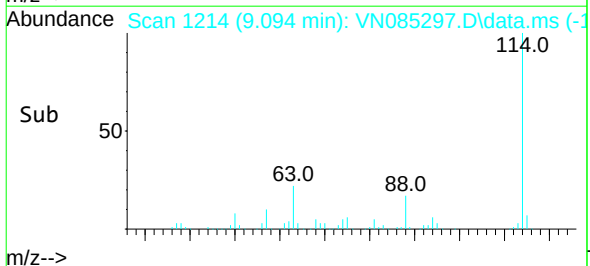
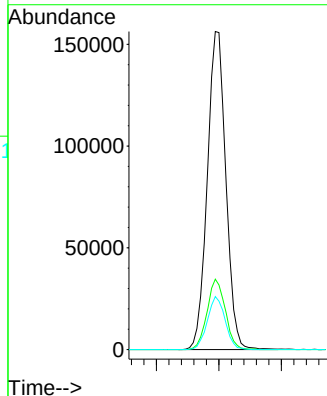
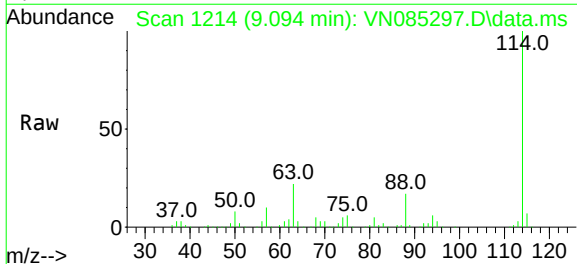
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-M

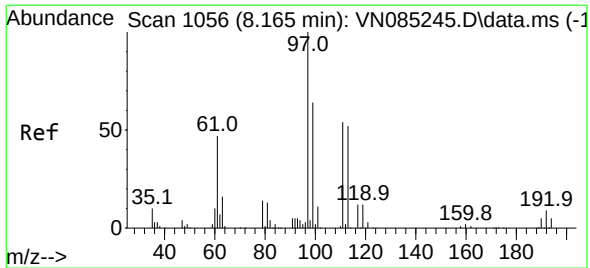
Tgt Ion: 65 Resp: 127899
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

Tgt Ion: 114 Resp: 322846
Ion Ratio Lower Upper
114 100
63 22.1 0.0 46.2
88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 31.632 ug/l

RT: 8.165 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN085297.D

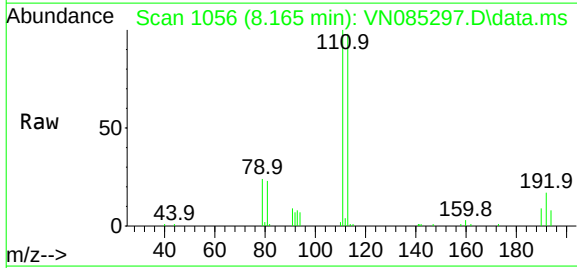
Acq: 23 Dec 2024 16:25

Instrument :

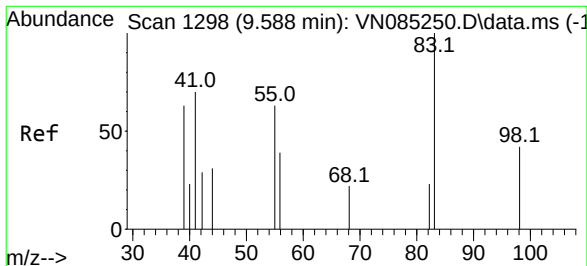
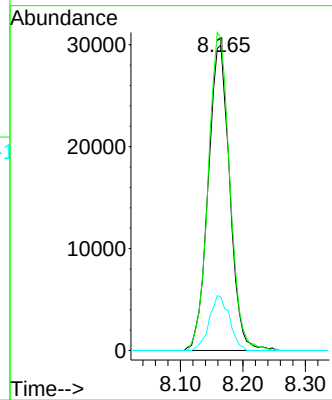
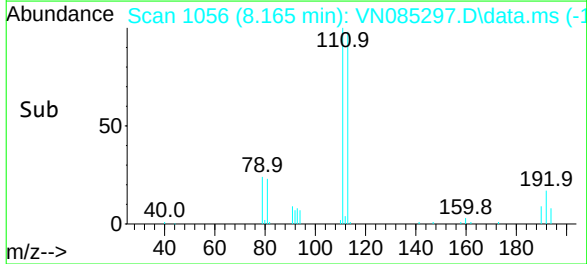
MSVOA_N

ClientSampleId :

SPLP-C11-2-M



Tgt Ion:	113	Resp:	71798
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.1	123.1
192	16.8	13.4	20.0



#39

Methylcyclohexane

Concen: 1.258 ug/l

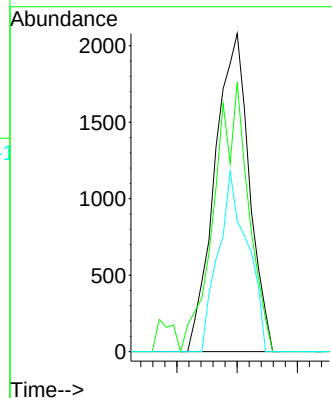
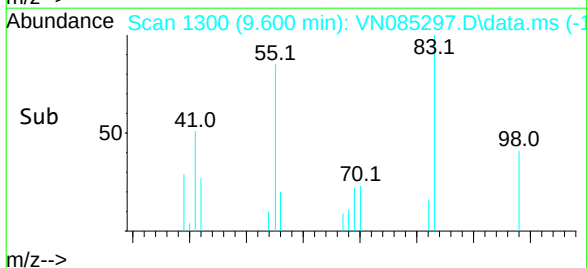
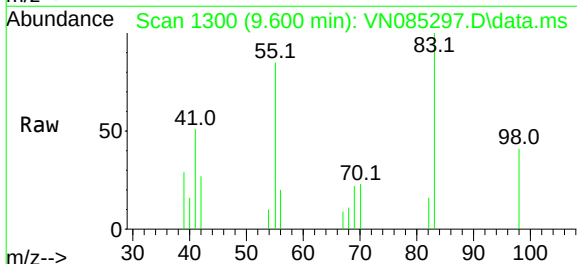
RT: 9.600 min Scan# 1300

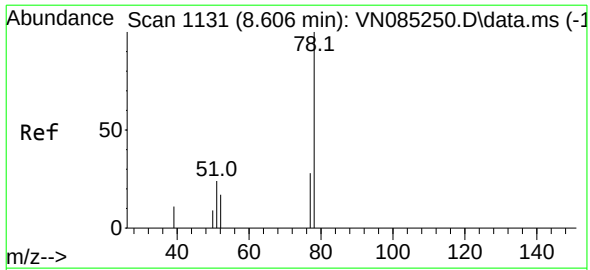
Delta R.T. -0.000 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Tgt Ion:	83	Resp:	4137
Ion	Ratio	Lower	Upper
83	100		
55	84.7	66.8	100.2
98	41.0	39.4	59.2





#40

Benzene

Concen: 52.879 ug/l

RT: 8.600 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

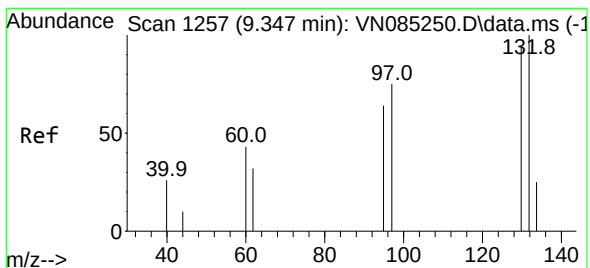
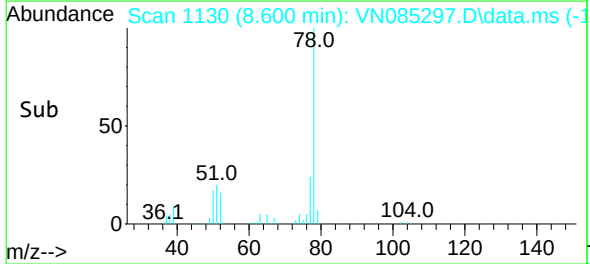
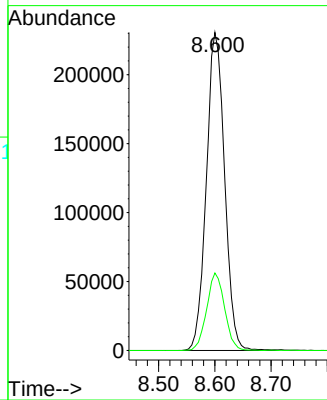
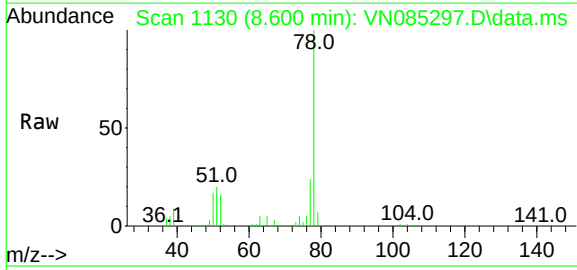
SPLP-C11-2-M

Tgt Ion: 78 Resp: 519930

Ion Ratio Lower Upper

78 100

77 24.4 18.9 28.3



#44

Trichloroethene

Concen: 1.870 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN085297.D

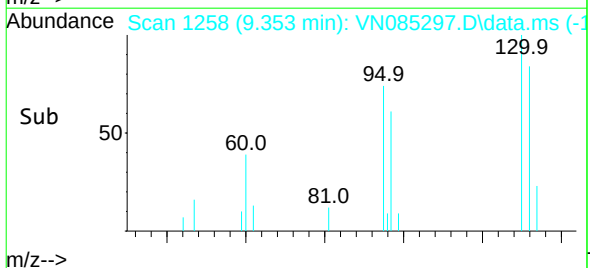
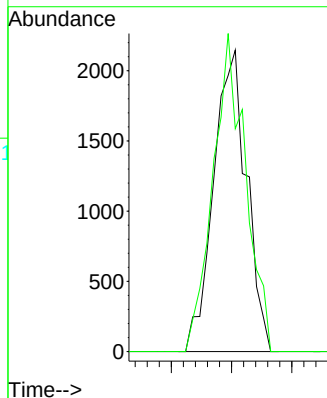
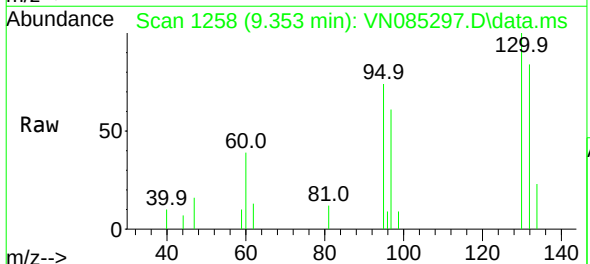
Acq: 23 Dec 2024 16:25

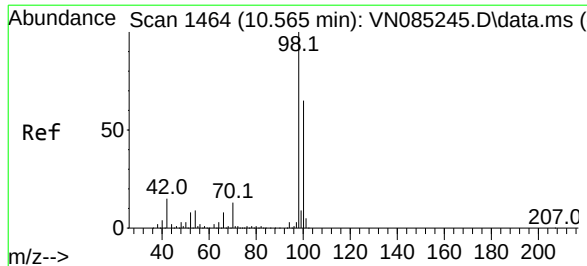
Tgt Ion: 130 Resp: 4093

Ion Ratio Lower Upper

130 100

95 73.9 0.0 207.6





#50

Toluene-d8

Concen: 47.106 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

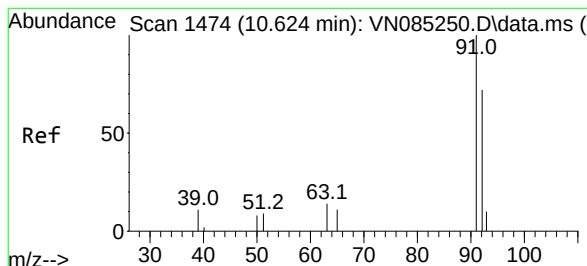
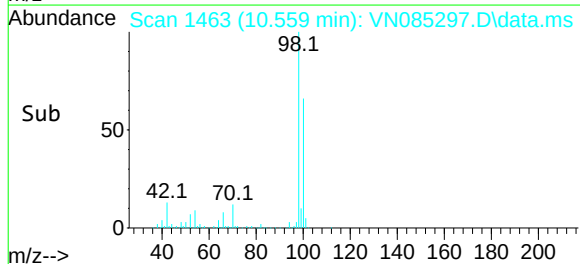
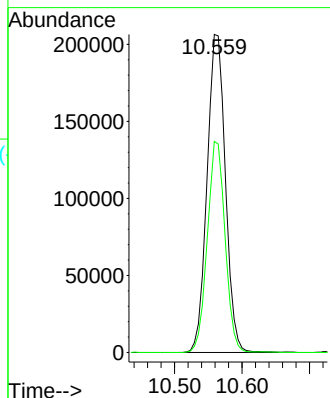
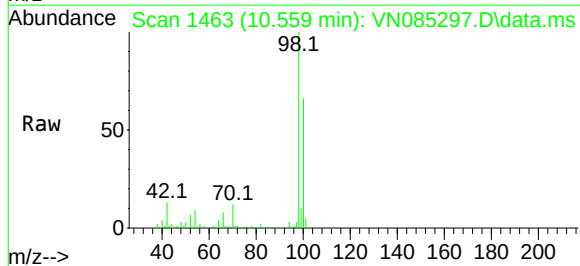
SPLP-C11-2-M

Tgt Ion: 98 Resp: 390792

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#52

Toluene

Concen: 32.278 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085297.D

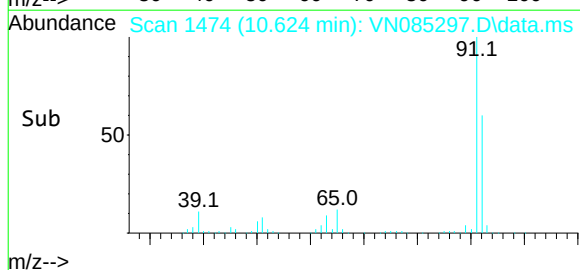
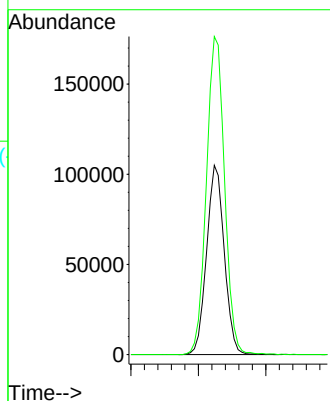
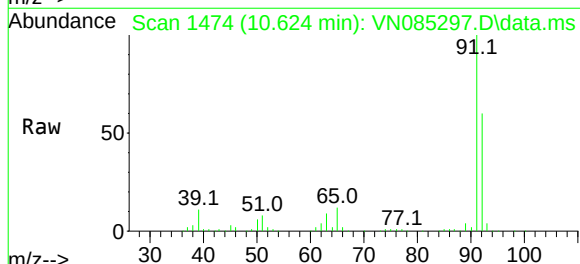
Acq: 23 Dec 2024 16:25

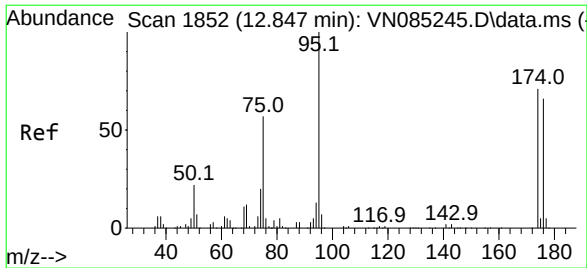
Tgt Ion: 92 Resp: 190831

Ion Ratio Lower Upper

92 100

91 173.0 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 49.628 ug/l

RT: 12.841 min Scan# 18

Delta R.T. -0.006 min

Lab File: VN085297.D

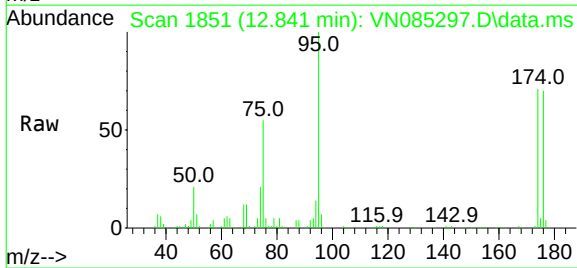
Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-2-M



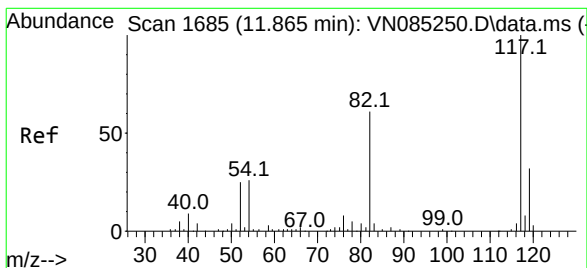
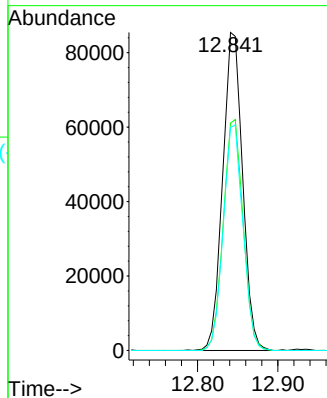
Tgt Ion: 95 Resp: 147053

Ion Ratio Lower Upper

95 100

174 72.7 0.0 144.4

176 70.3 0.0 136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

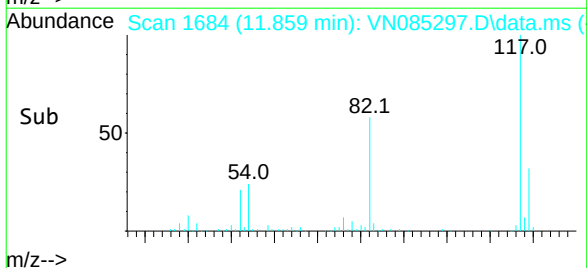
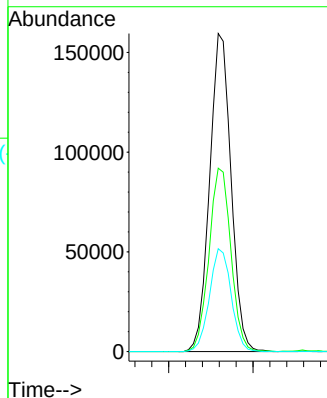
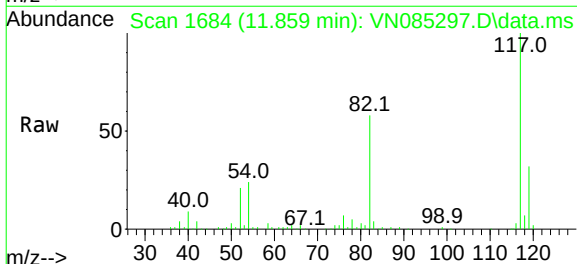
Tgt Ion: 117 Resp: 281172

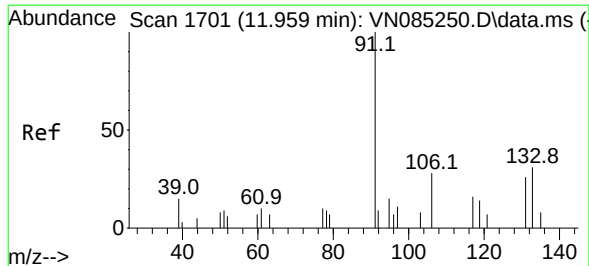
Ion Ratio Lower Upper

117 100

82 57.7 47.4 71.2

119 32.3 25.6 38.4





#67

Ethyl Benzene

Concen: 222.461 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

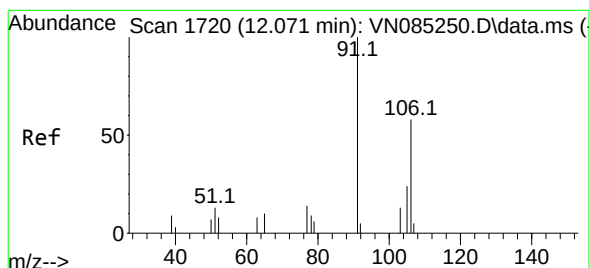
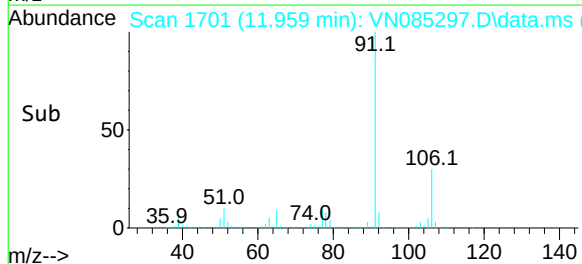
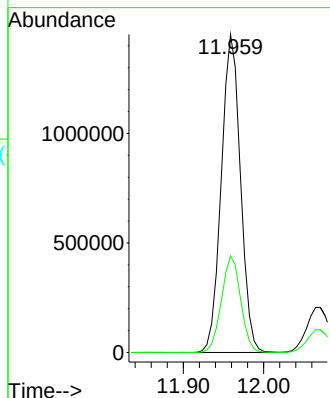
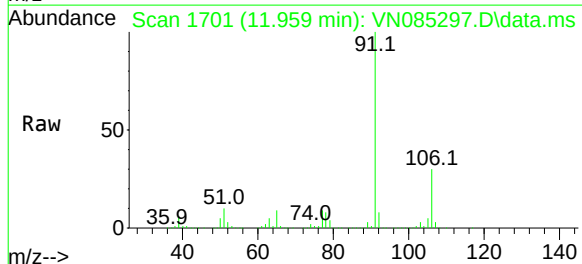
SPLP-C11-2-M

Tgt Ion: 91 Resp: 2409969

Ion Ratio Lower Upper

91 100

106 30.4 23.5 35.3



#68

m/p-Xylenes

Concen: 49.263 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085297.D

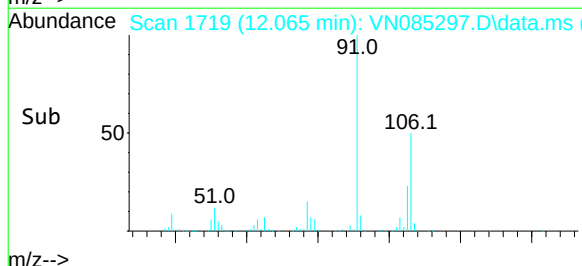
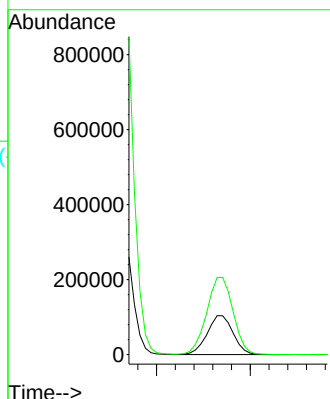
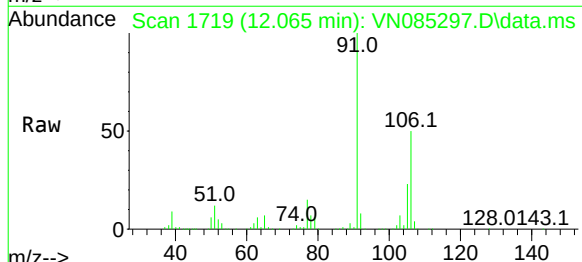
Acq: 23 Dec 2024 16:25

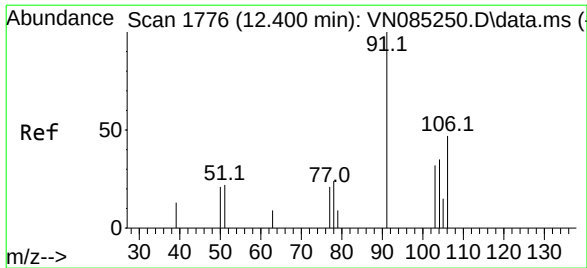
Tgt Ion: 106 Resp: 199599

Ion Ratio Lower Upper

106 100

91 201.9 168.3 252.5





#69

o-Xylene

Concen: 50.277 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

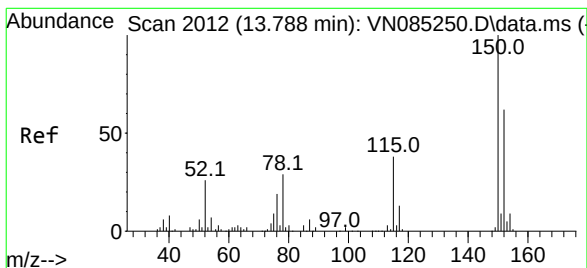
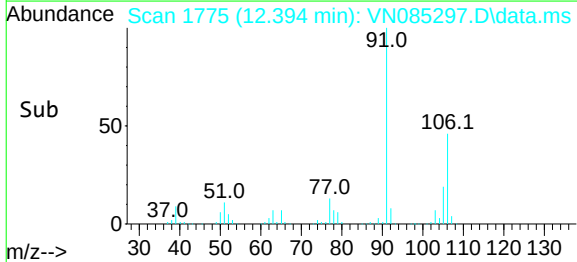
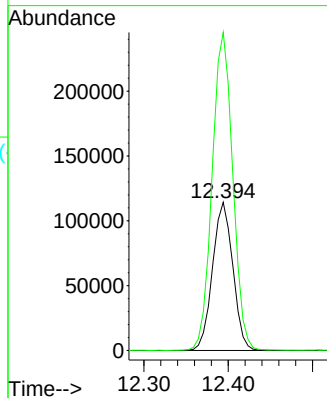
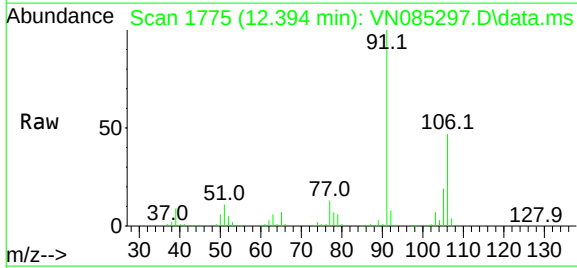
SPLP-C11-2-M

Tgt Ion:106 Resp: 191476

Ion Ratio Lower Upper

106 100

91 218.2 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

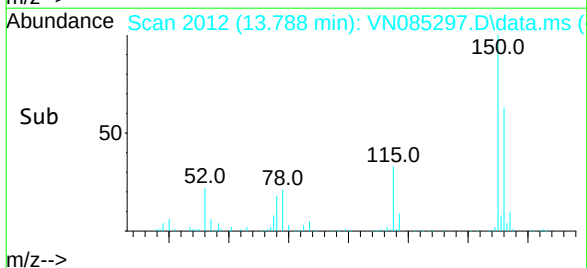
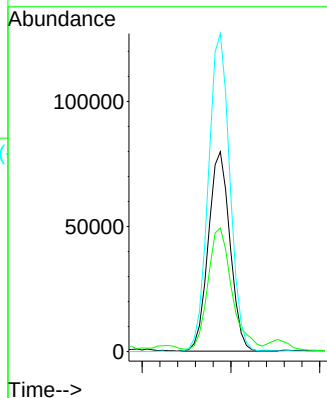
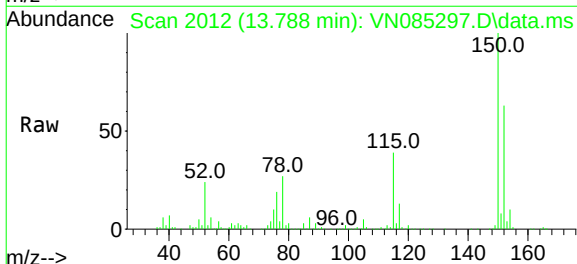
Tgt Ion:152 Resp: 135218

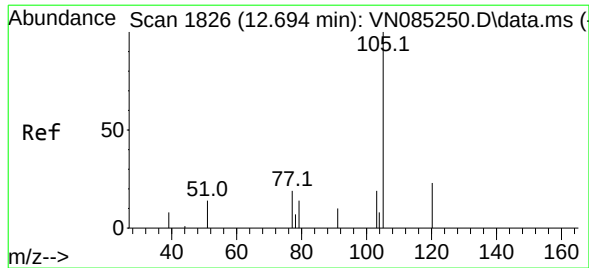
Ion Ratio Lower Upper

152 100

115 66.1 32.1 96.3

150 158.4 0.0 354.6





#73

Isopropylbenzene

Concen: 16.371 ug/l

RT: 12.688 min Scan# 18

Delta R.T. -0.006 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

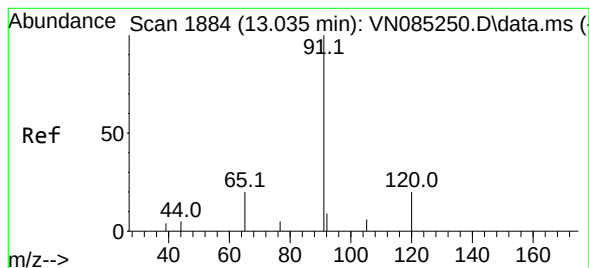
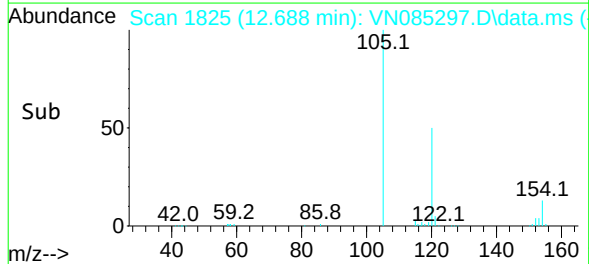
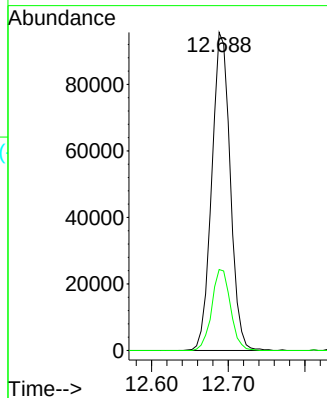
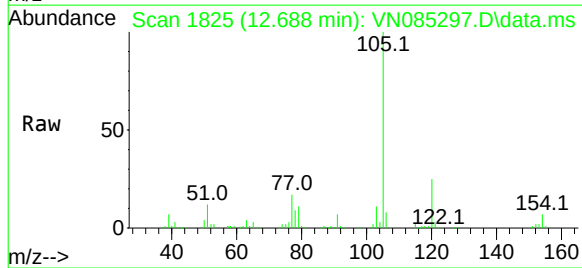
SPLP-C11-2-M

Tgt Ion:105 Resp: 159691

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#78

n-propylbenzene

Concen: 7.229 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN085297.D

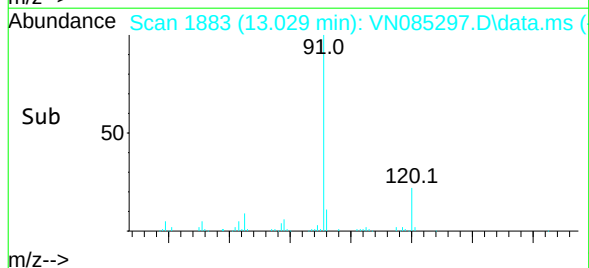
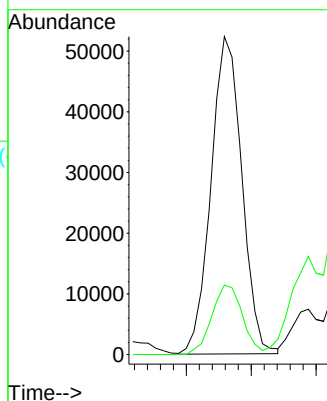
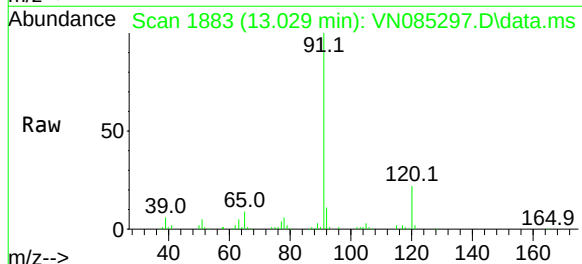
Acq: 23 Dec 2024 16:25

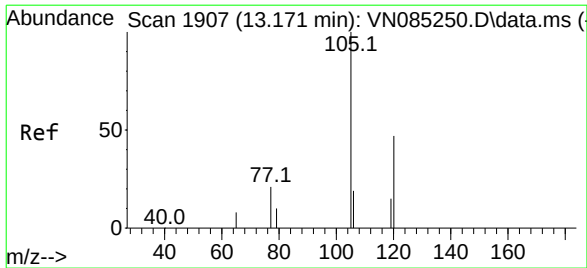
Tgt Ion: 91 Resp: 86477

Ion Ratio Lower Upper

91 100

120 21.8 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 14.065 ug/l

RT: 13.165 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

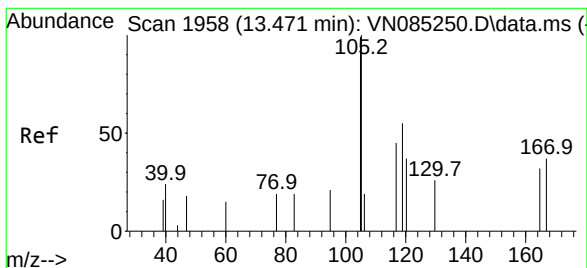
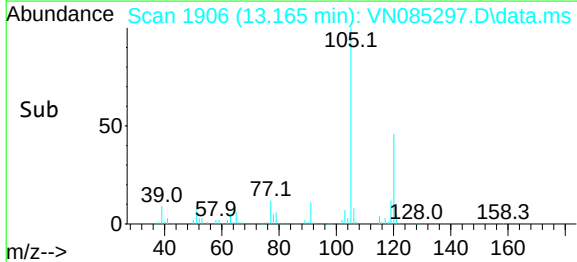
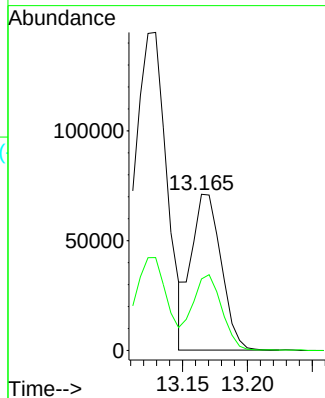
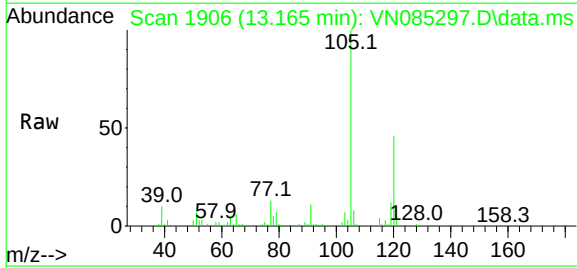
SPLP-C11-2-M

Tgt Ion:105 Resp: 114431

Ion Ratio Lower Upper

105 100

120 48.4 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 51.849 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085297.D

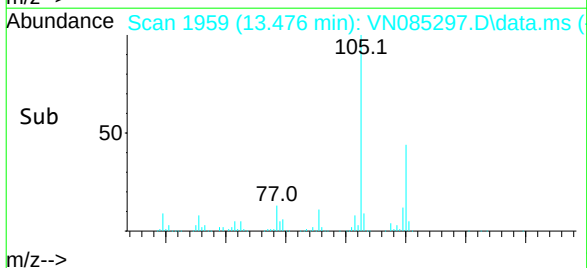
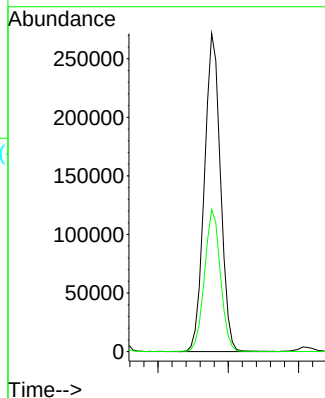
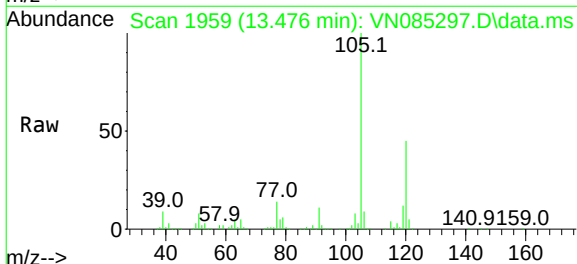
Acq: 23 Dec 2024 16:25

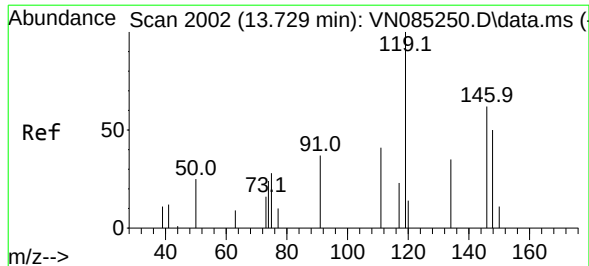
Tgt Ion:105 Resp: 431203

Ion Ratio Lower Upper

105 100

120 44.4 21.8 65.3





#86

p-Isopropyltoluene

Concen: 4.078 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-2-M

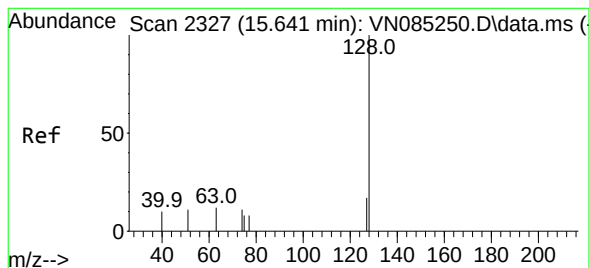
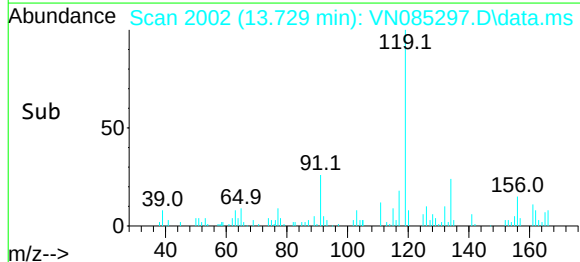
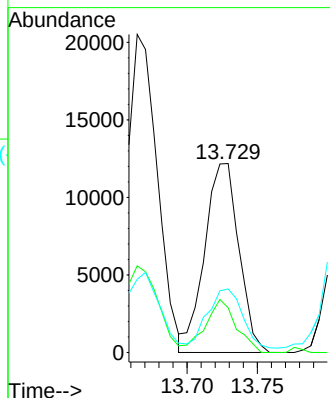
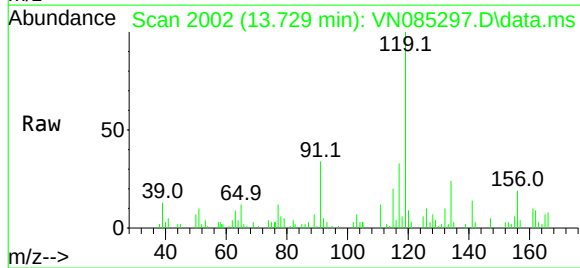
Tgt Ion:119 Resp: 20643

Ion Ratio Lower Upper

119 100

134 25.4 12.5 37.5

91 0.0 13.0 38.9#



#95

Naphthalene

Concen: 1751.200 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

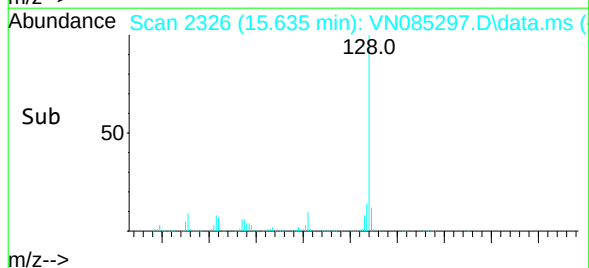
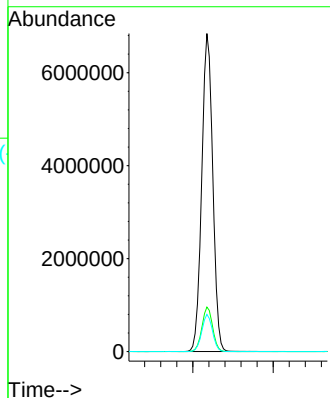
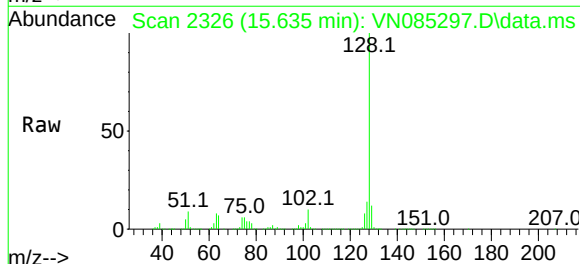
Tgt Ion:128 Resp:13022370

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.3 8.6 13.0



Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C11-2-MDL	SDG No.:	P5371
Lab Sample ID:	P5371-05DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085314.D	10		12/26/24 13:49	VN122624

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	20.4	JD	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	71.9	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	42.2	JD	1.80	50.0	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C11-2-MDL	SDG No.:	P5371
Lab Sample ID:	P5371-05DL	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085314.D	10		12/26/24 13:49	VN122624

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	280	D	1.60	50.0	ug/L
179601-23-1	m/p-Xylenes	62.6	JD	3.10	100	ug/L
95-47-6	o-Xylene	62.0	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	22.5	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	45.8		70 (74) - 130 (125)	92%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	48.0		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.6		70 (77) - 130 (121)	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	132000	8.224			
540-36-3	1,4-Difluorobenzene	242000	9.1			
3114-55-4	Chlorobenzene-d5	207000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	87900	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C11-2-MDL		SDG No.:	P5371	
Lab Sample ID:	P5371-05DL		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085314.D	10		12/26/24 13:49	VN122624

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_N\Data\VN122624\
 Data File : VN085314.D
 Acq On : 26 Dec 2024 13:49
 Operator : JC\MD
 Sample : P5371-05DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-2-MDL

Quant Time: Dec 27 00:44:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

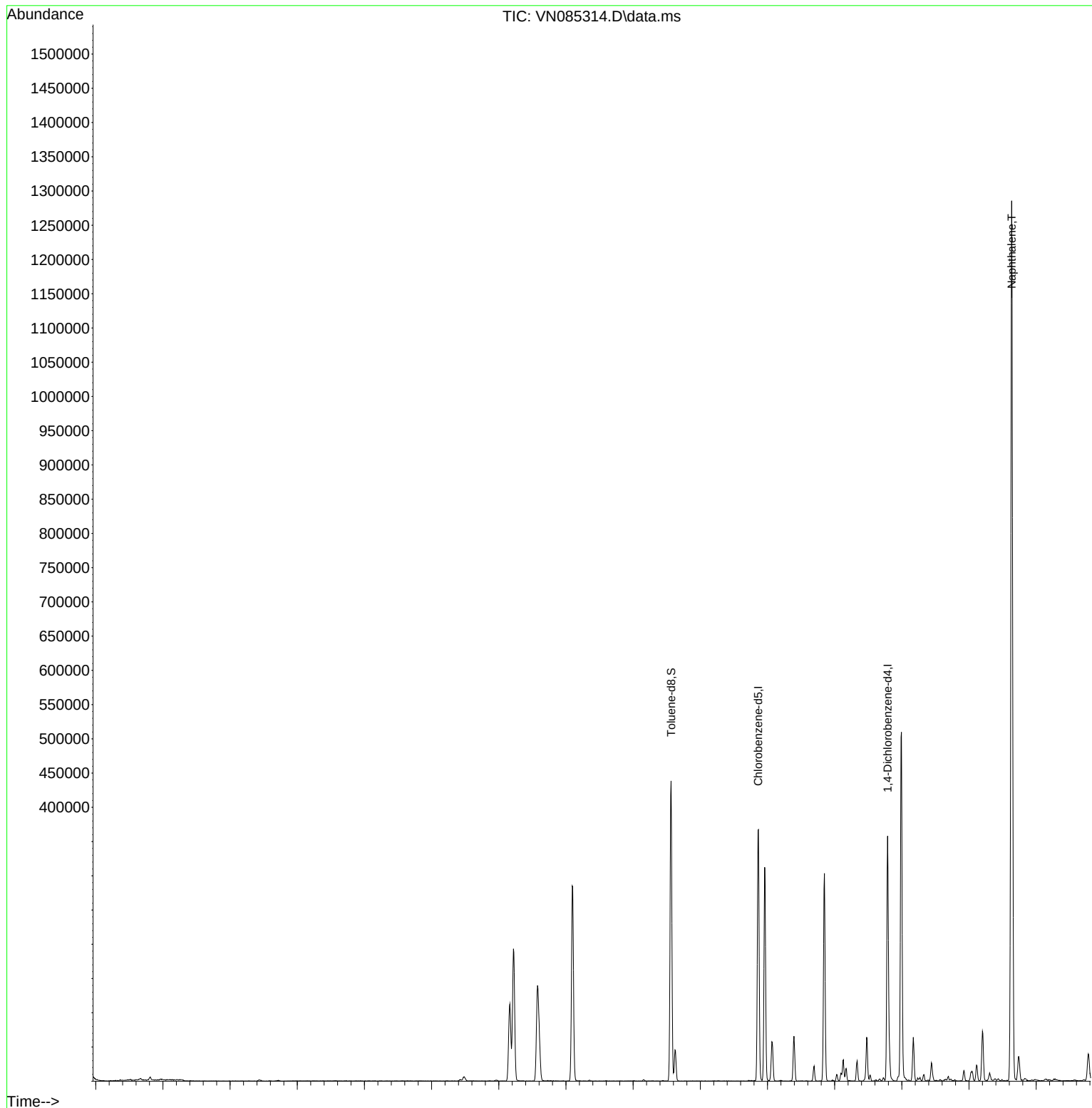
Internal Standards						
1) Pentafluorobenzene	8.224	168	132134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	206929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105852	45.833	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.660%		
35) Dibromofluoromethane	8.165	113	80876	47.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.940%		
50) Toluene-d8	10.565	98	298787	47.983	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.960%		
62) 4-Bromofluorobenzene	12.847	95	101464	45.620	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.240%		
Target Compounds						
27) cis-1,2-Dichloroethene	7.483	96	3941	2.036	ug/l	81
40) Benzene	8.600	78	53031	7.186	ug/l	94
52) Toluene	10.624	92	18711	4.216	ug/l	94
67) Ethyl Benzene	11.959	91	224867	28.205	ug/l	98
68) m/p-Xylenes	12.065	106	18651	6.255	ug/l	96
69) o-Xylene	12.388	106	17375	6.199	ug/l	95
73) Isopropylbenzene	12.694	105	14282	2.253	ug/l	100
78) n-propylbenzene	13.035	91	7893	1.015	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	9109	1.722	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	34375	6.359	ug/l	99
86) p-Isopropyltoluene	13.723	119	2621	2.363	ug/l #	68
95) Naphthalene	15.635	128	1115141	230.715	ug/l	100

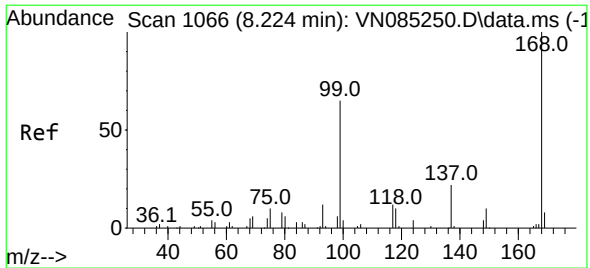
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085314.D
Acq On : 26 Dec 2024 13:49
Operator : JC\MD
Sample : P5371-05DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-MDL

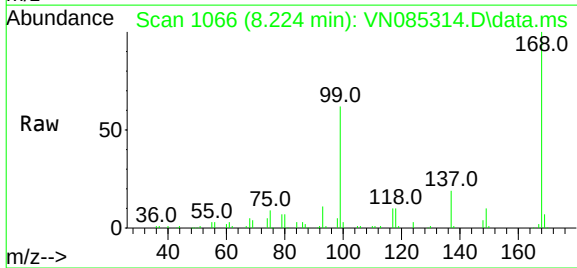
Quant Time: Dec 27 00:44:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



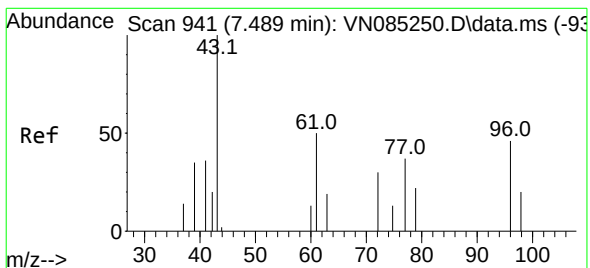
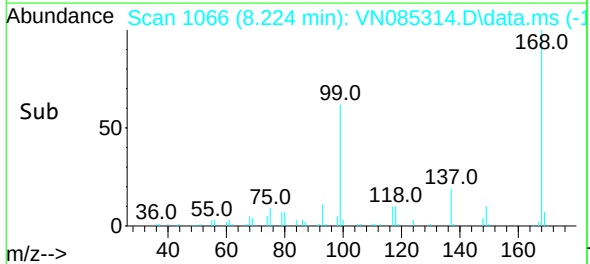
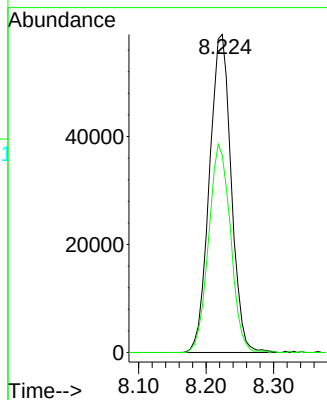


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085314.D
Acq: 26 Dec 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-MDL

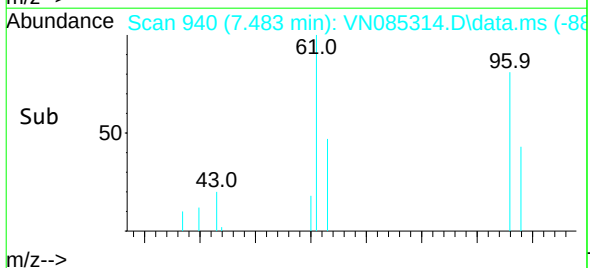
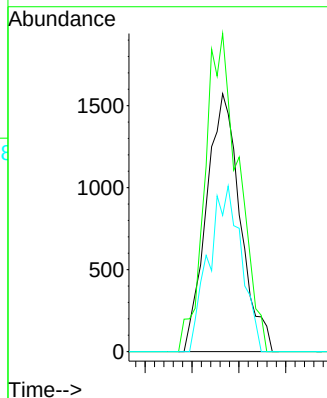
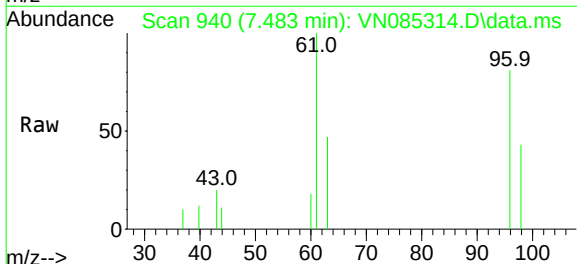


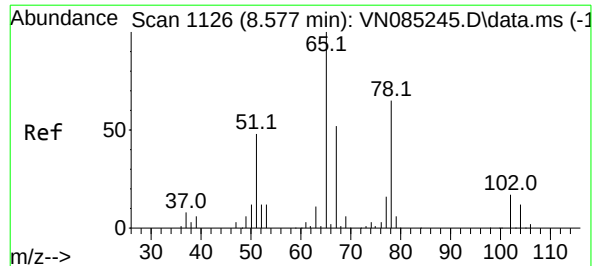
Tgt Ion: 168 Resp: 132134
Ion Ratio Lower Upper
168 100
99 62.1 50.7 76.1



#27
cis-1,2-Dichloroethene
Concen: 2.036 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085314.D
Acq: 26 Dec 2024 13:49

Tgt Ion: 96 Resp: 3941
Ion Ratio Lower Upper
96 100
61 123.1 0.0 316.4
98 62.0 0.0 125.4

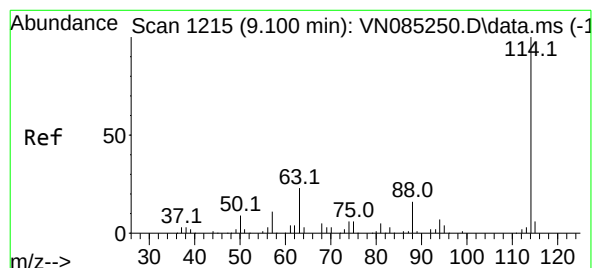
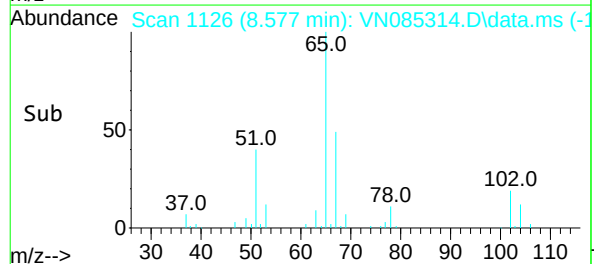
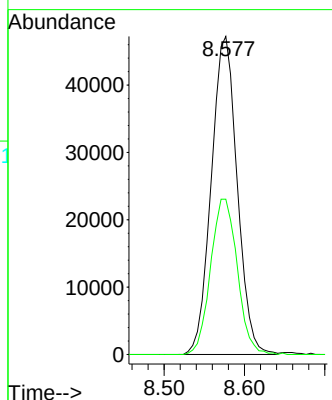
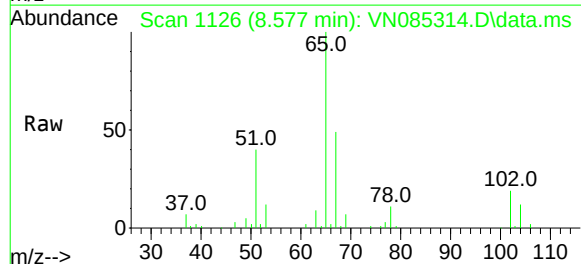




#33
1,2-Dichloroethane-d4
Concen: 45.833 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085314.D
Acq: 26 Dec 2024 13:49

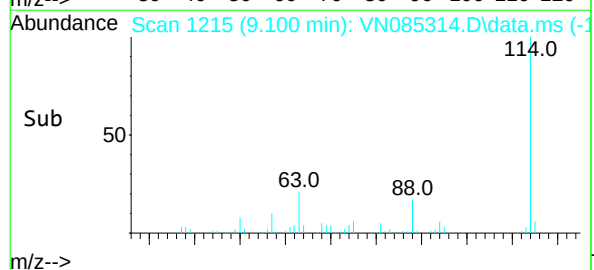
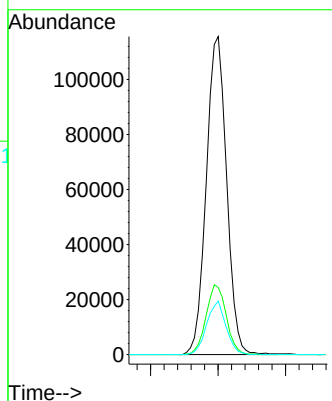
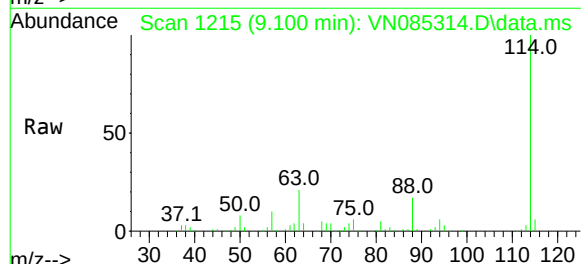
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-MDL

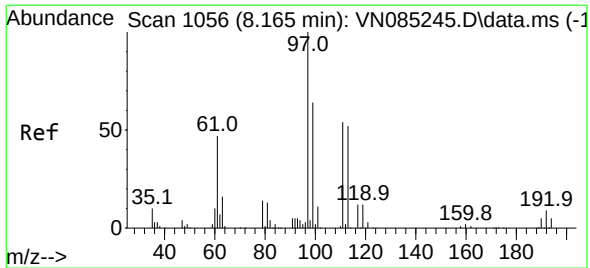
Tgt Ion: 65 Resp: 105852
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085314.D
Acq: 26 Dec 2024 13:49

Tgt Ion: 114 Resp: 242328
Ion Ratio Lower Upper
114 100
63 21.1 0.0 46.2
88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.471 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085314.D

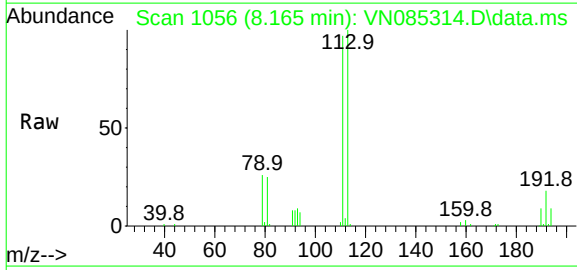
Acq: 26 Dec 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-2-MDL



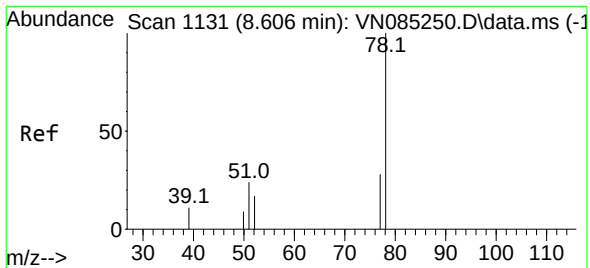
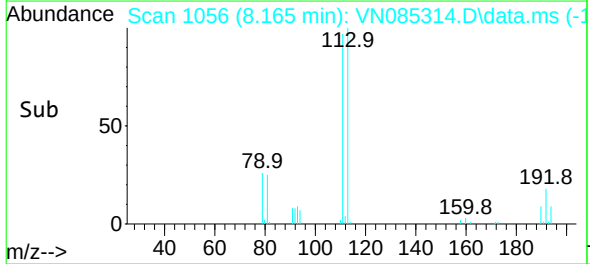
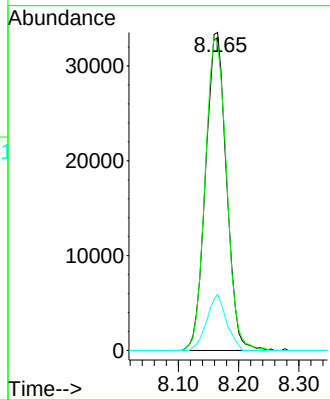
Tgt Ion: 113 Resp: 80876

Ion Ratio Lower Upper

113 100

111 100.5 82.1 123.1

192 16.5 13.4 20.0



#40

Benzene

Concen: 7.186 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085314.D

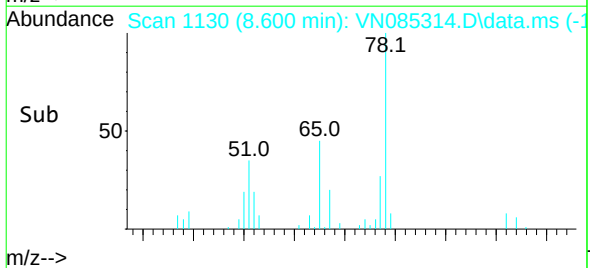
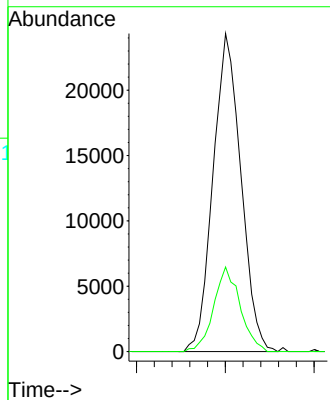
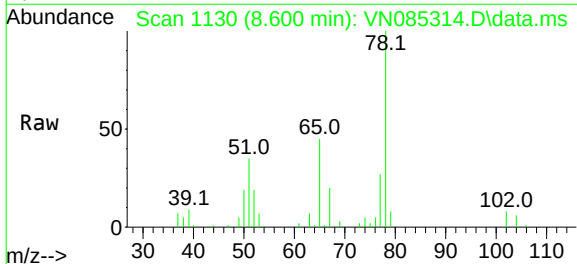
Acq: 26 Dec 2024 13:49

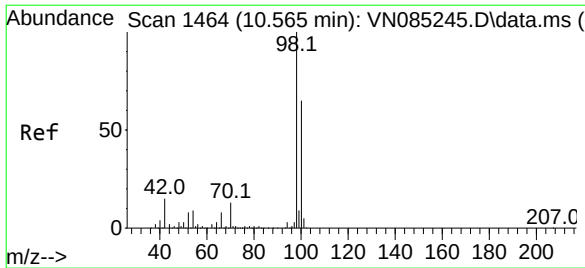
Tgt Ion: 78 Resp: 53031

Ion Ratio Lower Upper

78 100

77 26.6 18.9 28.3





#50

Toluene-d8

Concen: 47.983 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

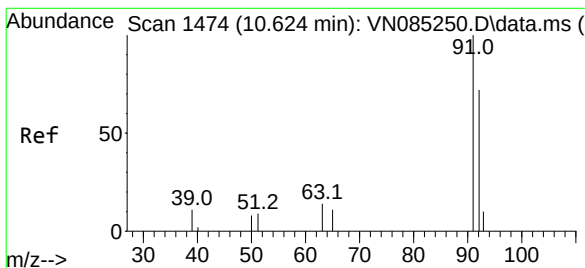
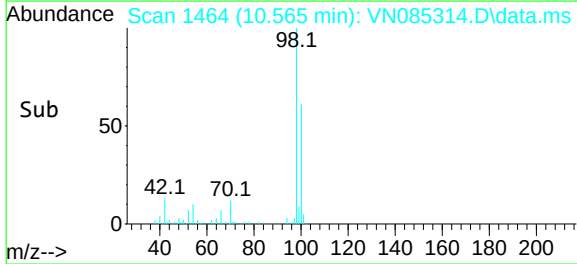
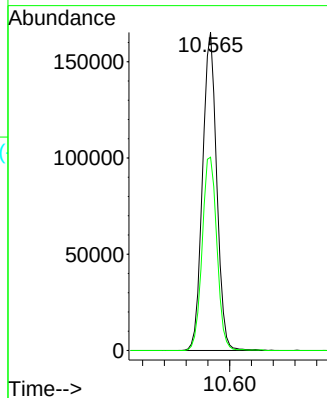
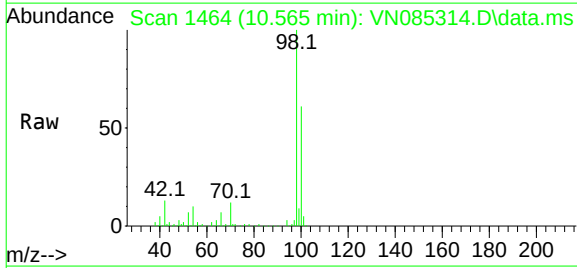
SPLP-C11-2-MDL

Tgt Ion: 98 Resp: 298787

Ion Ratio Lower Upper

98 100

100 63.2 51.6 77.4



#52

Toluene

Concen: 4.216 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085314.D

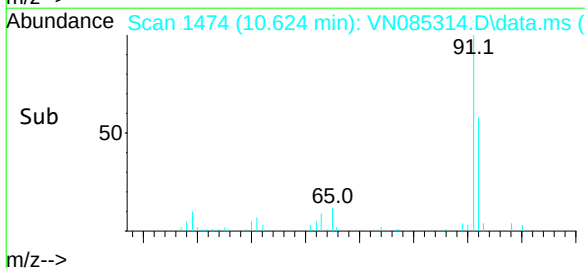
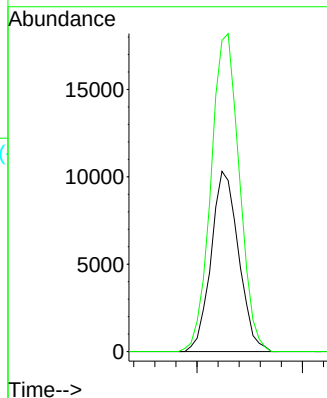
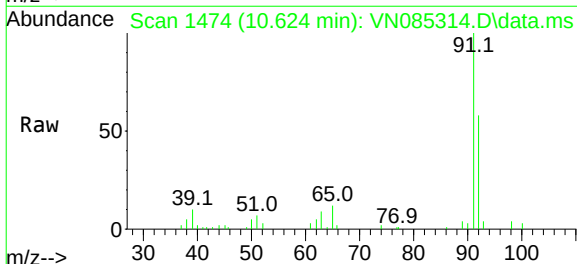
Acq: 26 Dec 2024 13:49

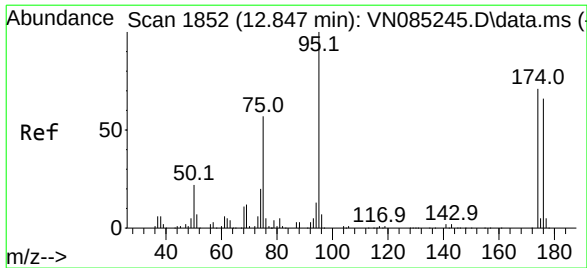
Tgt Ion: 92 Resp: 18711

Ion Ratio Lower Upper

92 100

91 182.0 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 45.620 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085314.D

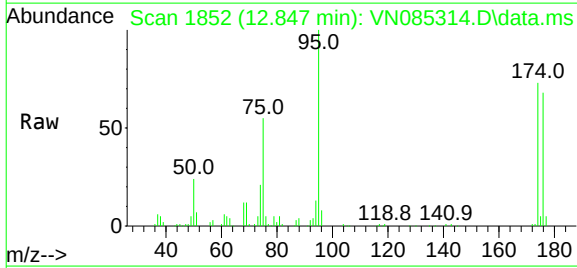
Acq: 26 Dec 2024 13:49

Instrument :

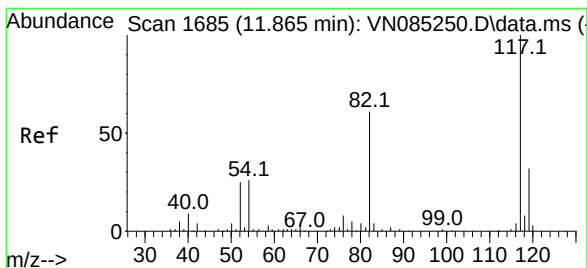
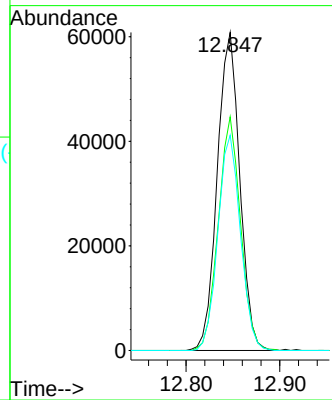
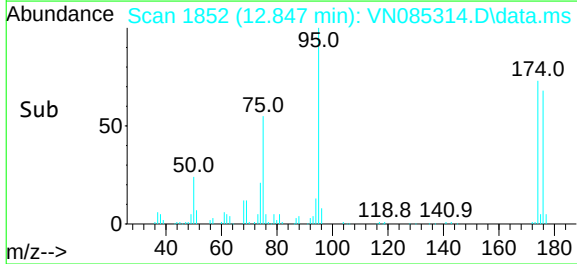
MSVOA_N

ClientSampleId :

SPLP-C11-2-MDL



Tgt Ion:	95	Resp:	101464
Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	144.4
176	67.9	0.0	136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

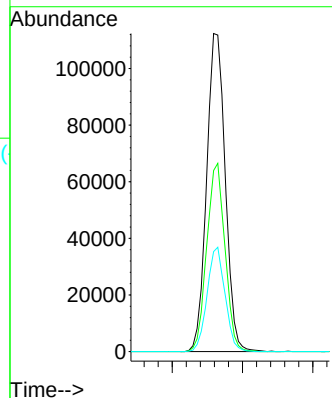
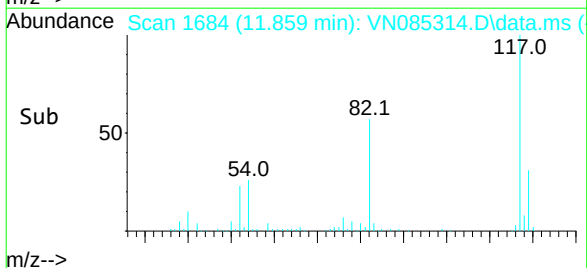
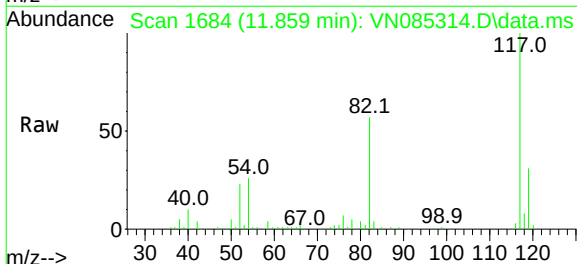
RT: 11.859 min Scan# 1684

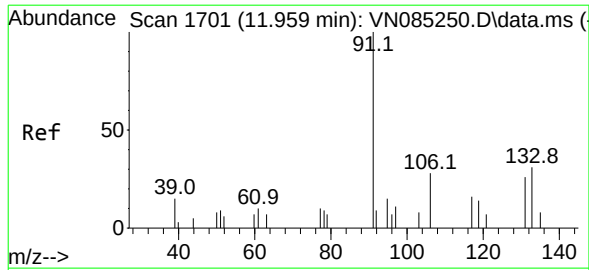
Delta R.T. -0.006 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49

Tgt Ion:	117	Resp:	206929
Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.4	71.2
119	31.4	25.6	38.4





#67

Ethyl Benzene

Concen: 28.205 ug/l

RT: 11.959 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

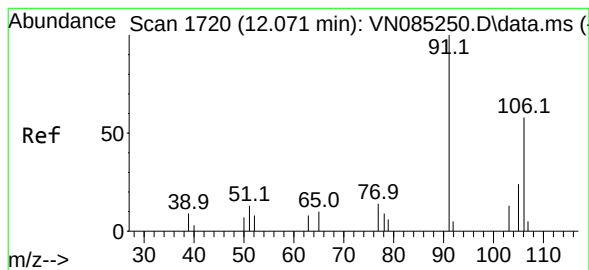
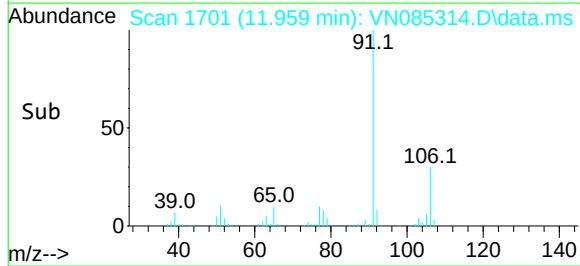
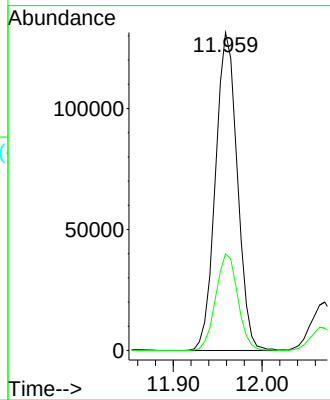
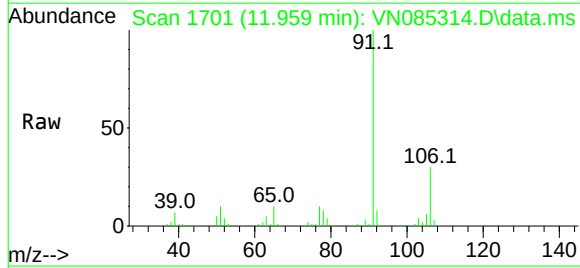
SPLP-C11-2-MDL

Tgt Ion: 91 Resp: 224867

Ion Ratio Lower Upper

91 100

106 30.4 23.5 35.3



#68

m/p-Xylenes

Concen: 6.255 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085314.D

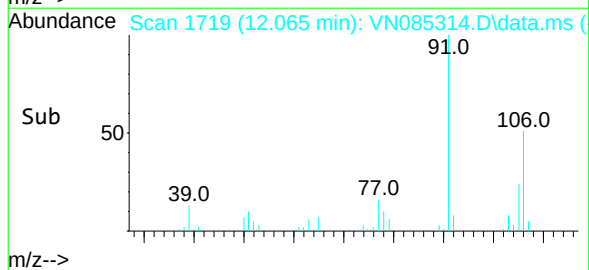
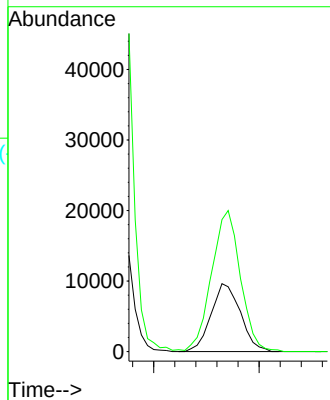
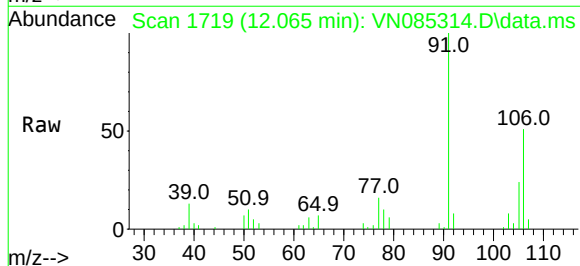
Acq: 26 Dec 2024 13:49

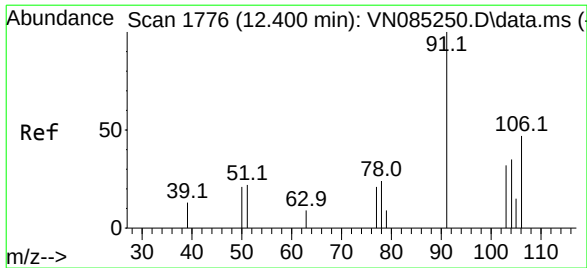
Tgt Ion: 106 Resp: 18651

Ion Ratio Lower Upper

106 100

91 204.0 168.3 252.5





#69

o-Xylene

Concen: 6.199 ug/l

RT: 12.388 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

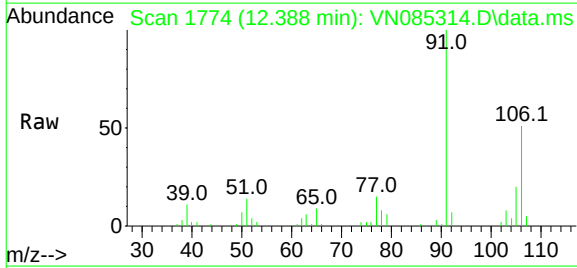
SPLP-C11-2-MDL

Tgt Ion:106 Resp: 17375

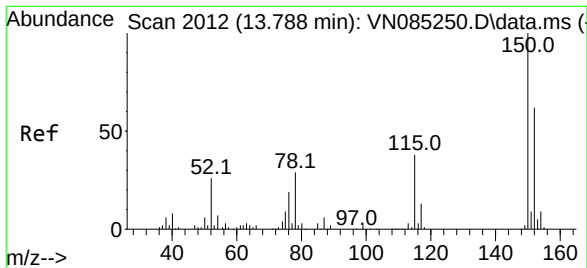
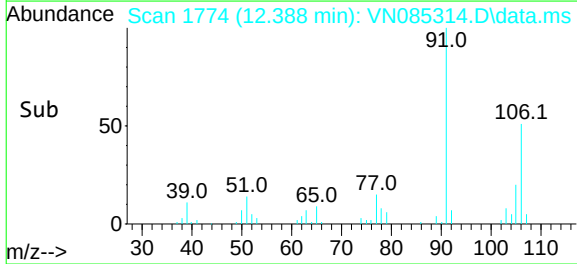
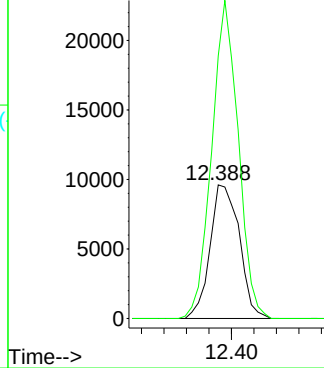
Ion Ratio Lower Upper

106 100

91 215.7 112.1 336.2



Abundance



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49

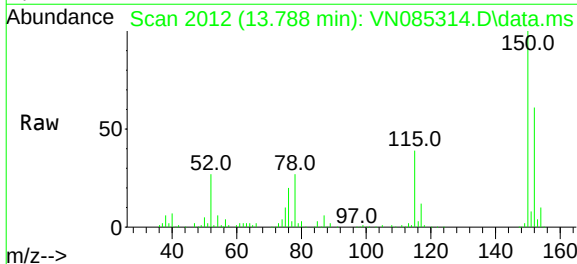
Tgt Ion:152 Resp: 87889

Ion Ratio Lower Upper

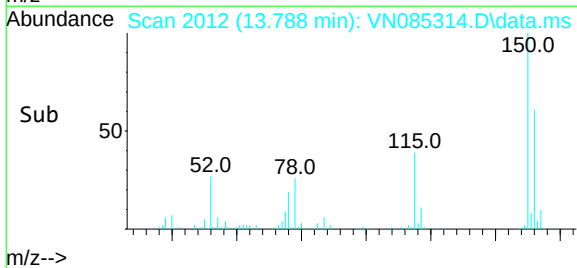
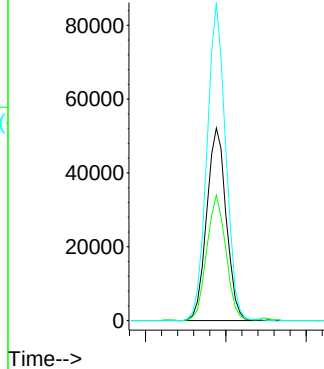
152 100

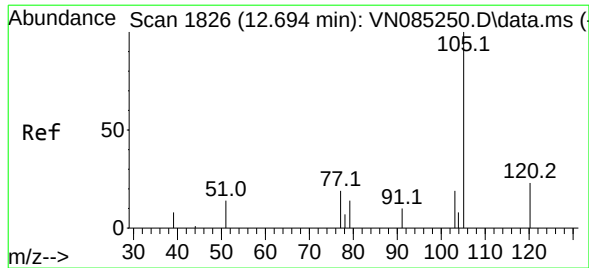
115 64.0 32.1 96.3

150 158.3 0.0 354.6



Abundance





#73

Isopropylbenzene

Concen: 2.253 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

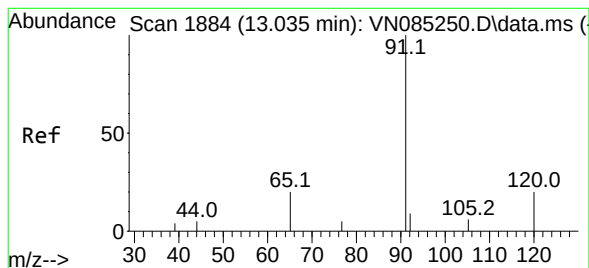
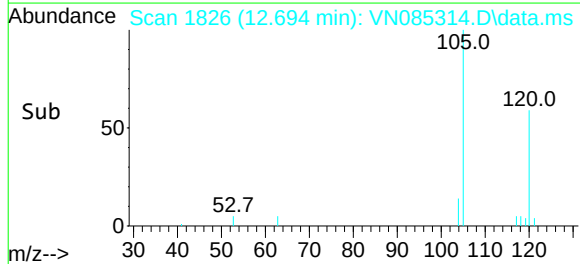
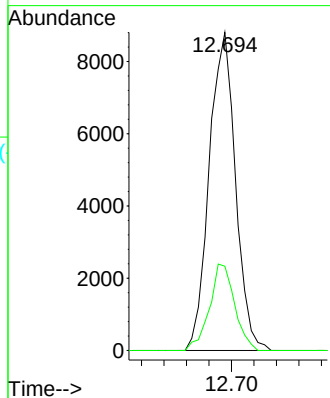
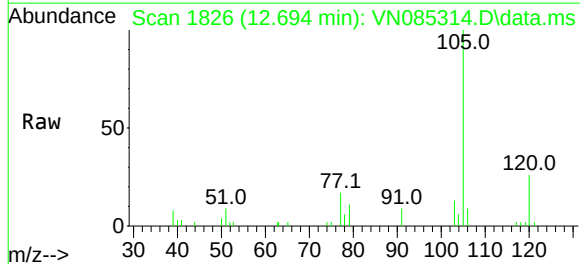
SPLP-C11-2-MDL

Tgt Ion: 105 Resp: 14282

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#78

n-propylbenzene

Concen: 1.015 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN085314.D

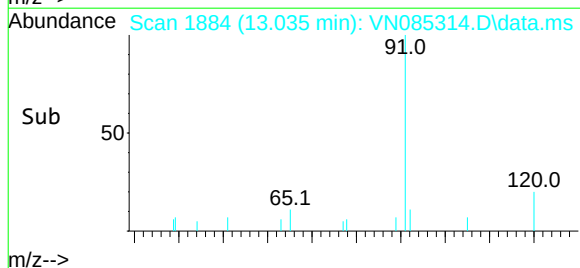
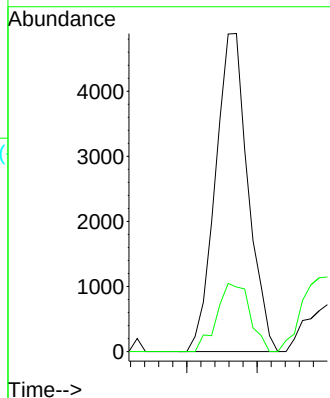
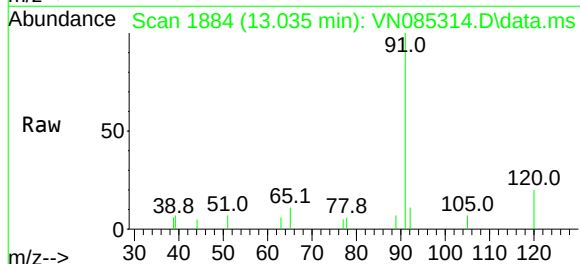
Acq: 26 Dec 2024 13:49

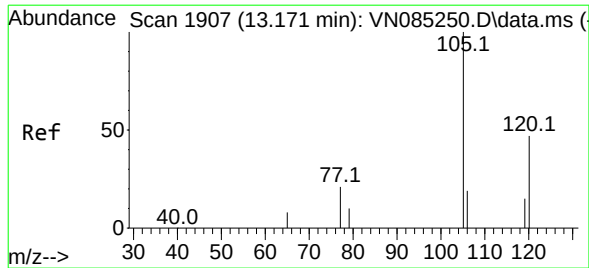
Tgt Ion: 91 Resp: 7893

Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 1.722 ug/l

RT: 13.171 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

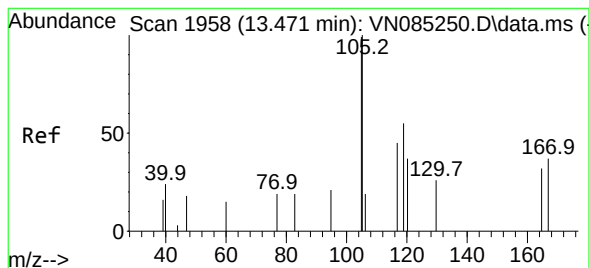
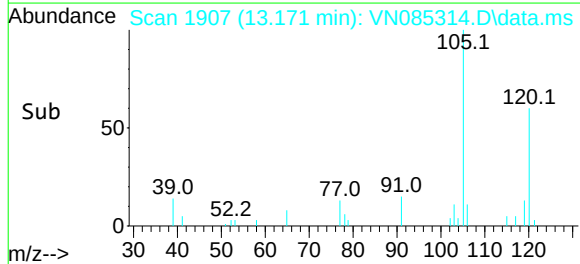
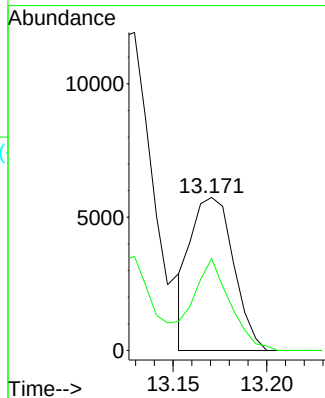
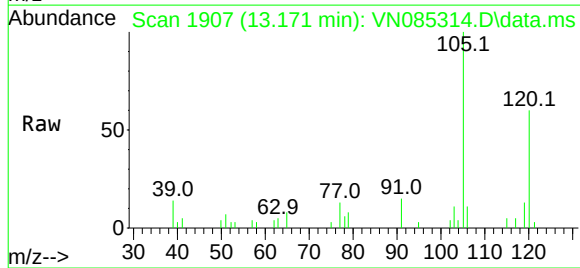
SPLP-C11-2-MDL

Tgt Ion:105 Resp: 9109

Ion Ratio Lower Upper

105 100

120 53.9 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 6.359 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN085314.D

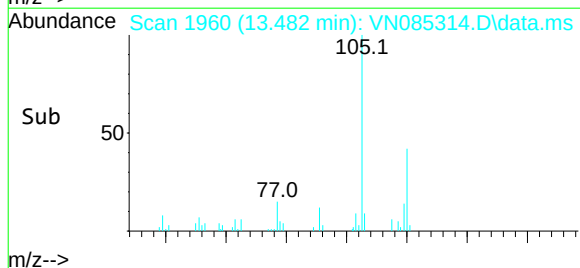
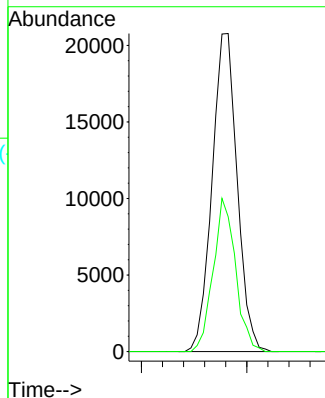
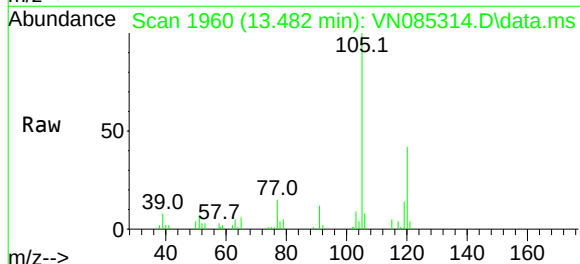
Acq: 26 Dec 2024 13:49

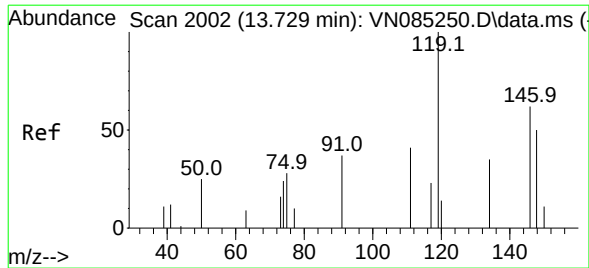
Tgt Ion:105 Resp: 34375

Ion Ratio Lower Upper

105 100

120 42.9 21.8 65.3





#86

p-Isopropyltoluene

Concen: 2.363 ug/l

RT: 13.723 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN085314.D

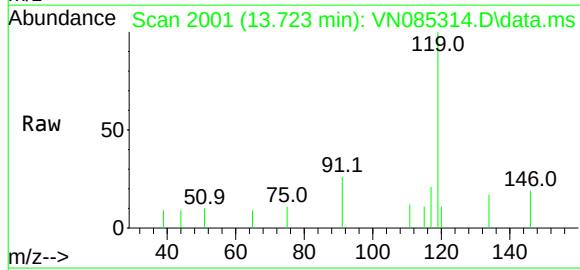
Acq: 26 Dec 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-2-MDL



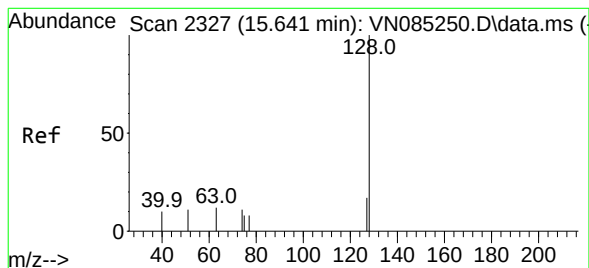
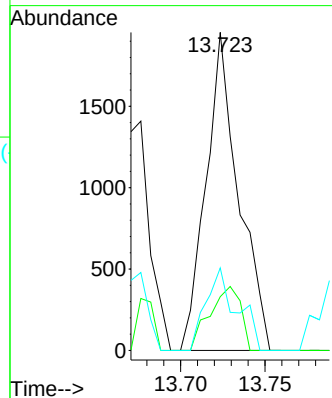
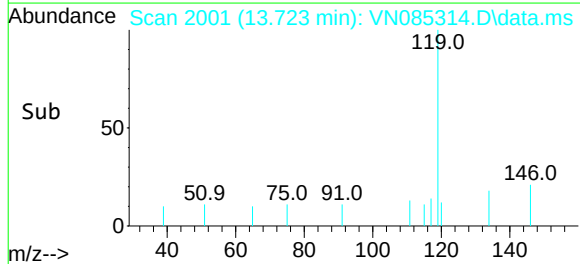
Tgt Ion:119 Resp: 2621

Ion Ratio Lower Upper

119 100

134 19.2 12.5 37.5

91 0.0 13.0 38.9#



#95

Naphthalene

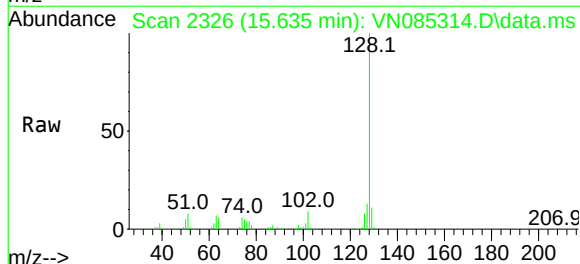
Concen: 230.715 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49



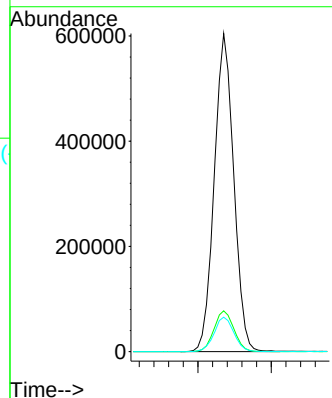
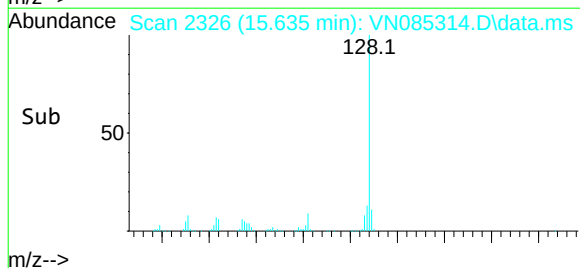
Tgt Ion:128 Resp: 1115141

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.0 8.6 13.0



Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C11-3-M	SDG No.:	P5371
Lab Sample ID:	P5371-06	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085298.D	1		12/23/24 16:49	VN122324

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	20.1	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	3.00	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	2.70	J	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	4.50	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	6.80		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C11-3-M	SDG No.:	P5371
Lab Sample ID:	P5371-06	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085298.D	1		12/23/24 16:49	VN122324

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	41.1		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	11.0		0.31	10.0	ug/L
95-47-6	o-Xylene	11.4		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	4.10	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	40.8		70 (74) - 130 (125)	82%	SPK: 50
1868-53-7	Dibromofluoromethane	32.0	*	70 (75) - 130 (124)	64%	SPK: 50
2037-26-5	Toluene-d8	47.4		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		70 (77) - 130 (121)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	178000	8.224			
540-36-3	1,4-Difluorobenzene	314000	9.1			
3114-55-4	Chlorobenzene-d5	274000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	126000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C11-3-M		SDG No.:	P5371	
Lab Sample ID:	P5371-06		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085298.D	1		12/23/24 16:49	VN122324

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_N\Data\VN122324\
 Data File : VN085298.D
 Acq On : 23 Dec 2024 16:49
 Operator : JC\MD
 Sample : P5371-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-3-M

Quant Time: Dec 24 04:13:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

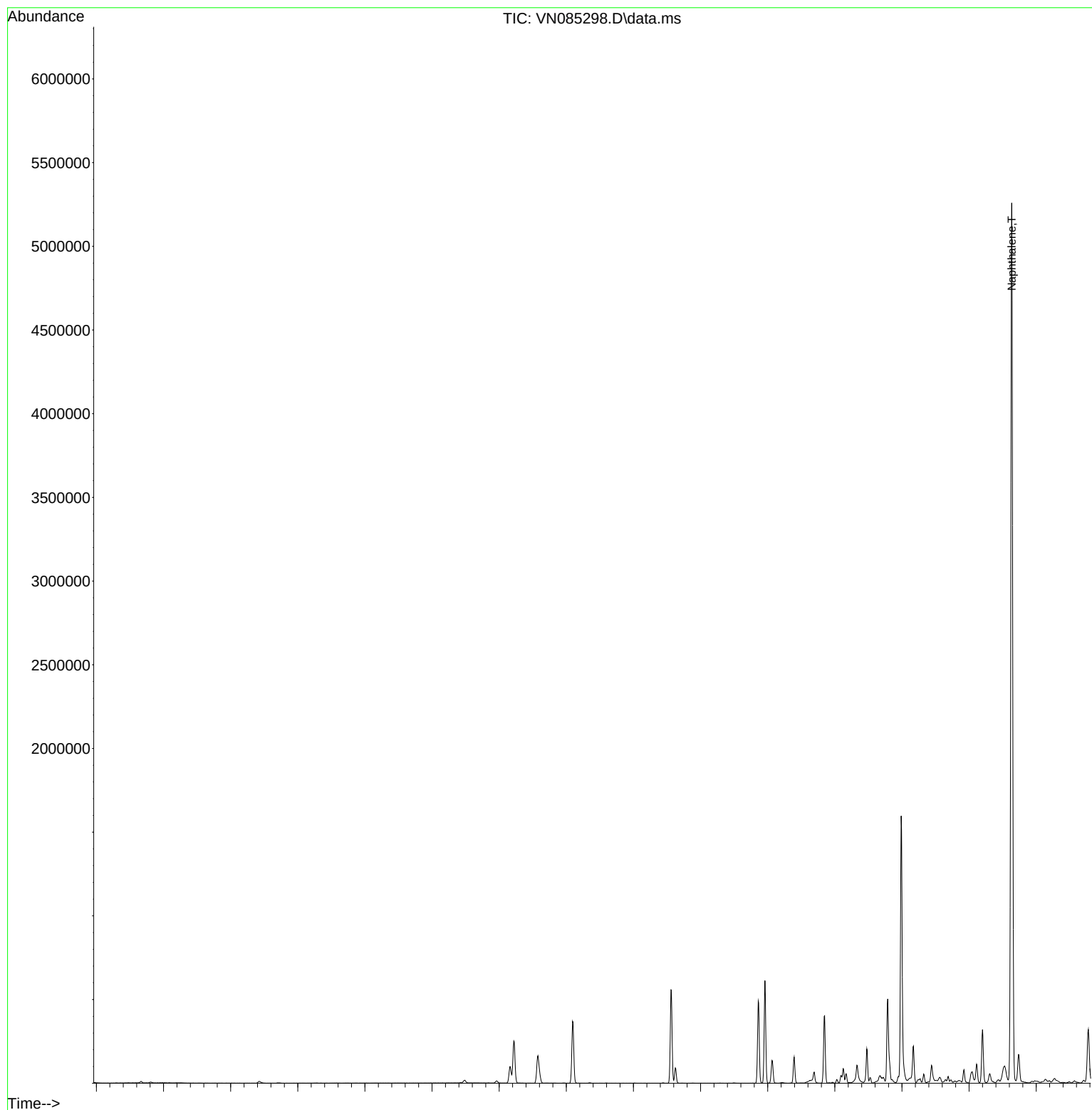
Internal Standards						
1) Pentafluorobenzene	8.224	168	177938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	274059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126918	40.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.620%		
35) Dibromofluoromethane	8.165	113	70599	32.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	64.000%#		
50) Toluene-d8	10.559	98	382189	47.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.800%		
62) 4-Bromofluorobenzene	12.847	95	138380	48.049	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.100%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	21597	20.118	ug/l #	87
27) cis-1,2-Dichloroethene	7.483	96	7827	3.002	ug/l	82
30) Chloroform	7.965	83	12354	2.662	ug/l	92
40) Benzene	8.606	78	42987	4.498	ug/l	98
52) Toluene	10.624	92	39133	6.810	ug/l	99
67) Ethyl Benzene	11.959	91	434011	41.103	ug/l	97
68) m/p-Xylenes	12.071	106	43312	10.967	ug/l	99
69) o-Xylene	12.394	106	42229	11.376	ug/l	94
73) Isopropylbenzene	12.694	105	36935	4.059	ug/l	99
78) n-propylbenzene	13.029	91	17018	1.525	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	29641	3.905	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	111276	14.341	ug/l	96
86) p-Isopropyltoluene	13.723	119	6509	2.667	ug/l #	72
95) Naphthalene	15.635	128	4766579	687.030	ug/l	99

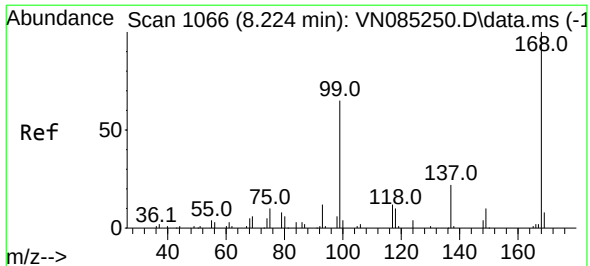
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085298.D
Acq On : 23 Dec 2024 16:49
Operator : JC\MD
Sample : P5371-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-3-M

Quant Time: Dec 24 04:13:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

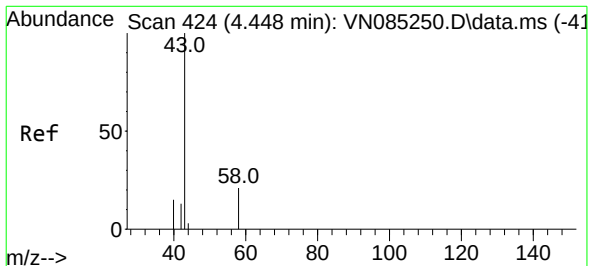
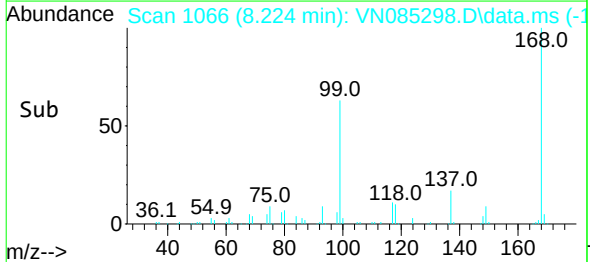
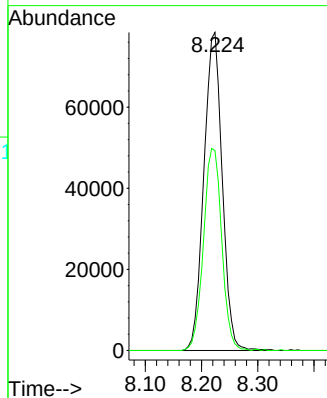
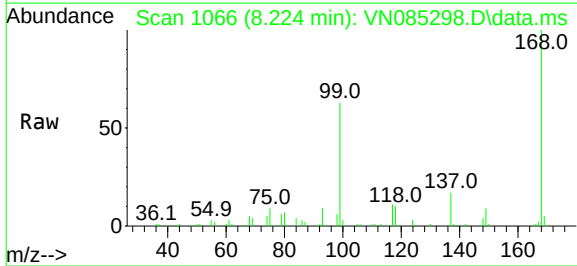




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

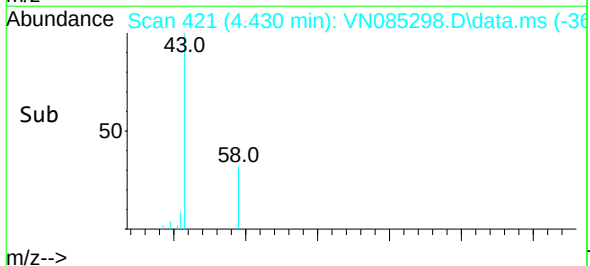
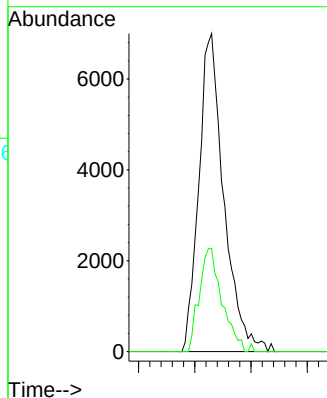
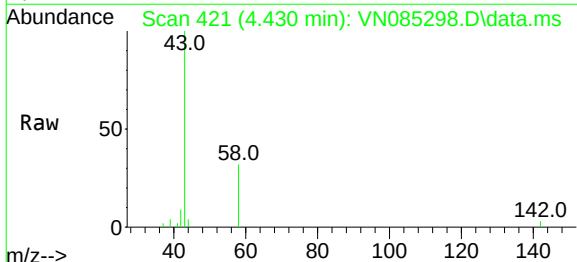
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-3-M

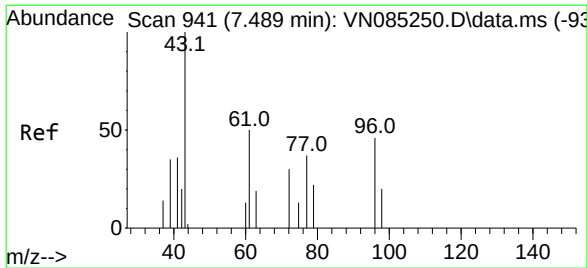
Tgt Ion: 168 Resp: 177938
Ion Ratio Lower Upper
168 100
99 62.9 50.7 76.1



#16
Acetone
Concen: 20.118 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

Tgt Ion: 43 Resp: 21597
Ion Ratio Lower Upper
43 100
58 32.4 20.8 31.2#

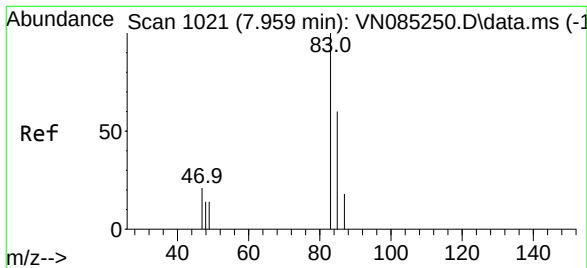
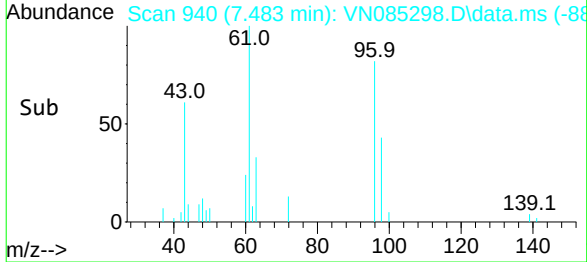
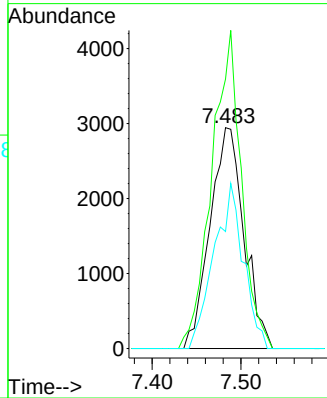
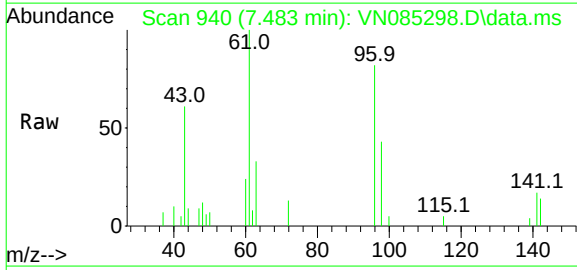




#27
cis-1,2-Dichloroethene
Concen: 3.002 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

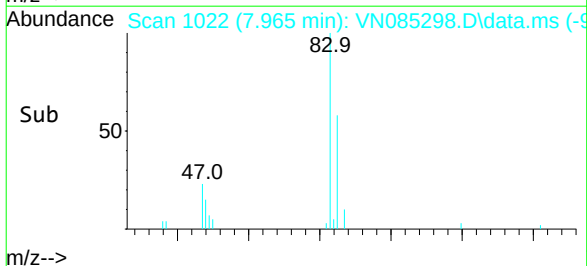
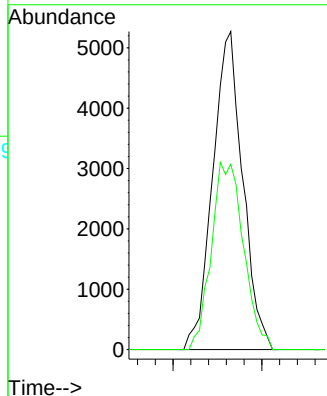
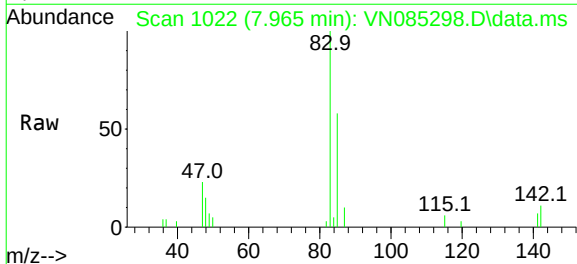
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-3-M

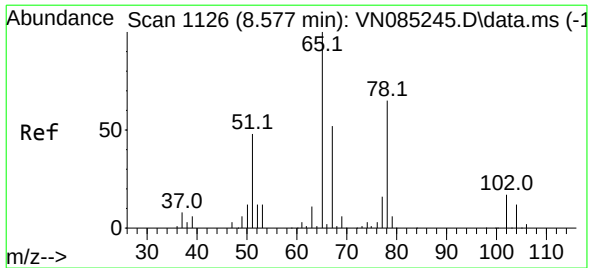
Tgt Ion	Ratio	Lower	Upper
96	100		
61	126.0	0.0	316.4
98	64.7	0.0	125.4



#30
Chloroform
Concen: 2.662 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.3	51.4	77.0

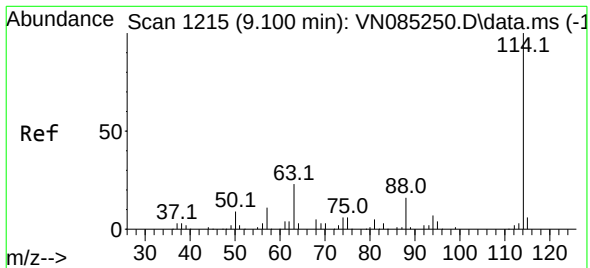
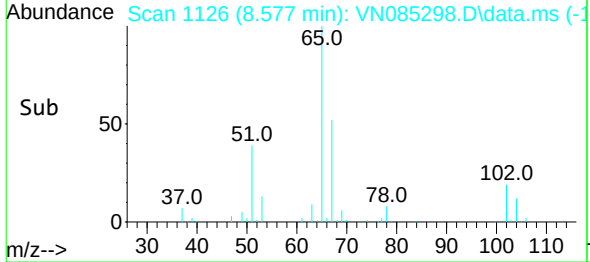
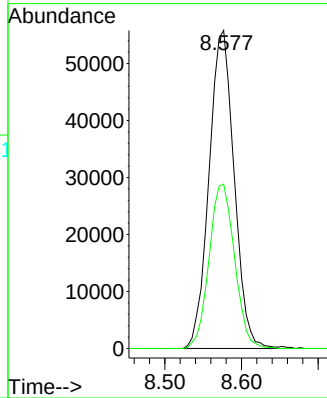
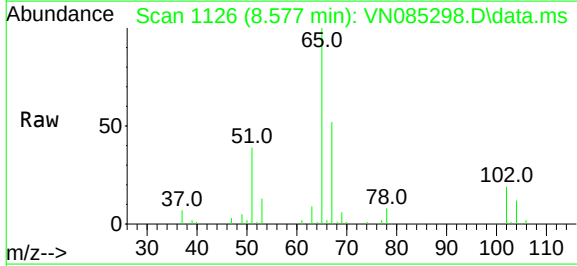




#33
1,2-Dichloroethane-d4
Concen: 40.809 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

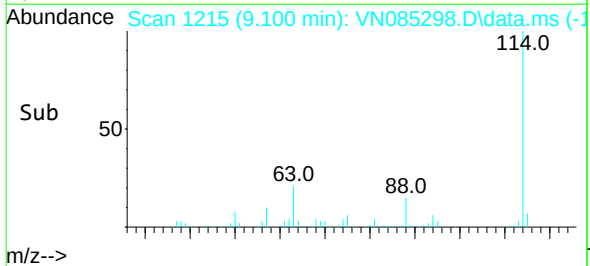
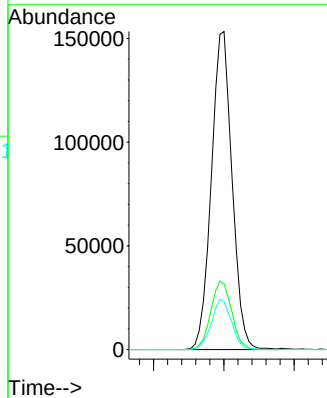
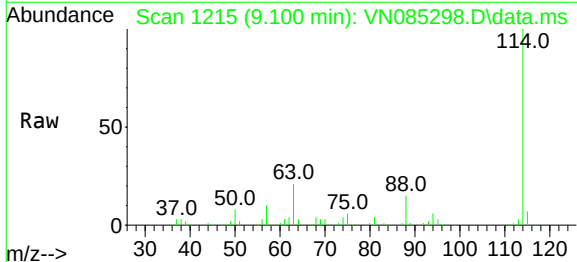
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-3-M

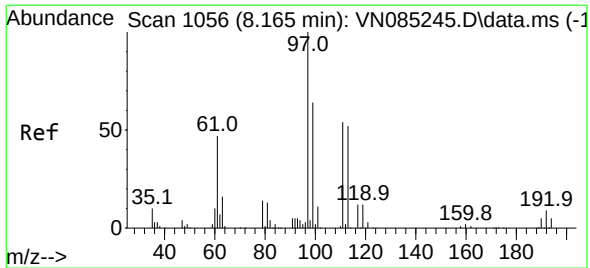
Tgt Ion: 65 Resp: 126918
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

Tgt Ion: 114 Resp: 313792
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.2
88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 32.001 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085298.D

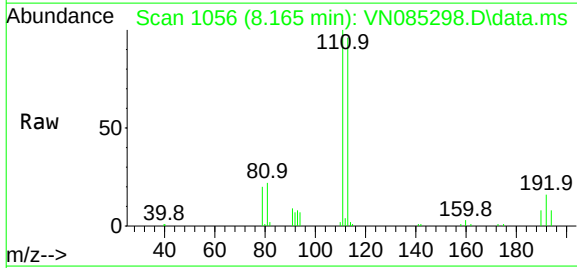
Acq: 23 Dec 2024 16:49

Instrument :

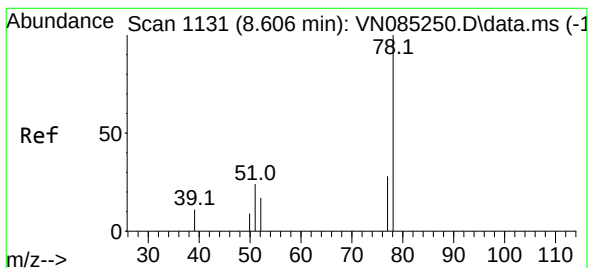
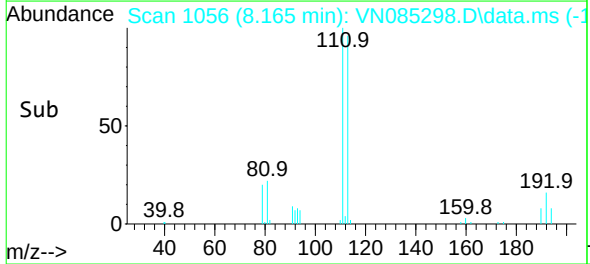
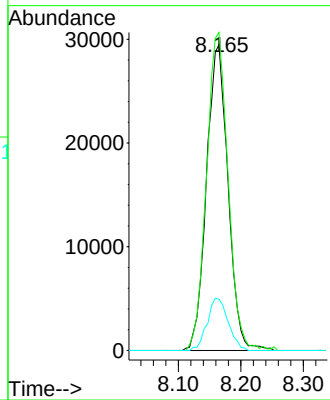
MSVOA_N

ClientSampleId :

SPLP-C11-3-M



Tgt Ion:	113	Resp:	70599
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.1	123.1
192	16.7	13.4	20.0



#40

Benzene

Concen: 4.498 ug/l

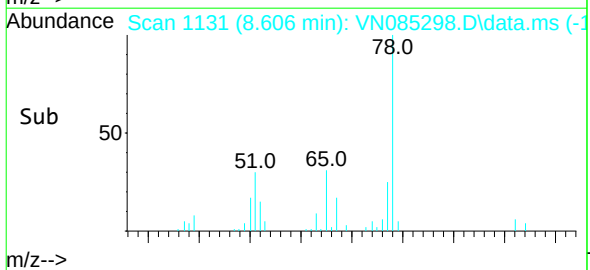
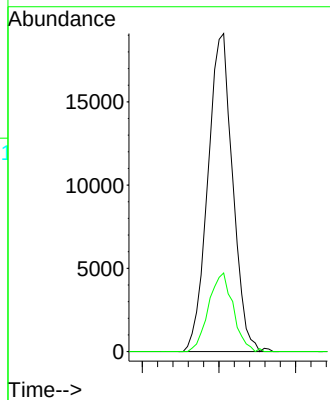
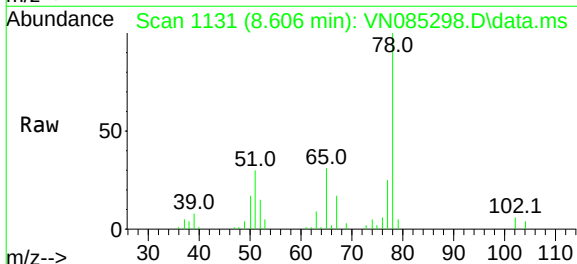
RT: 8.606 min Scan# 1131

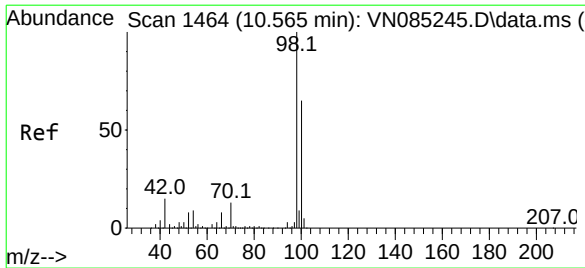
Delta R.T. 0.006 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

Tgt Ion:	78	Resp:	42987
Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.9	28.3





#50

Toluene-d8

Concen: 47.399 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

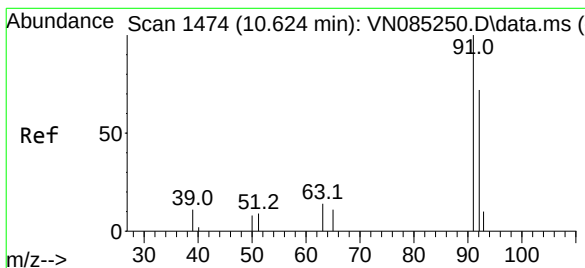
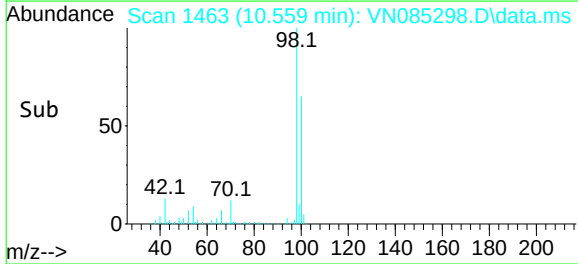
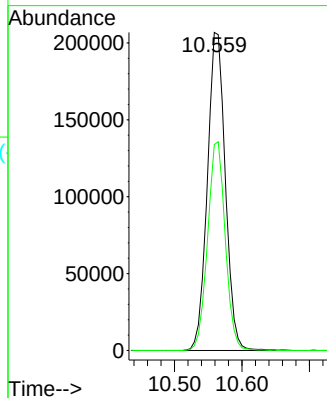
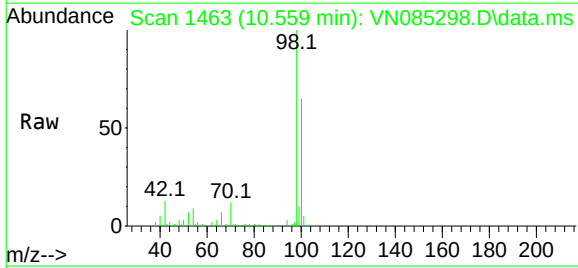
SPLP-C11-3-M

Tgt Ion: 98 Resp: 382189

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#52

Toluene

Concen: 6.810 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085298.D

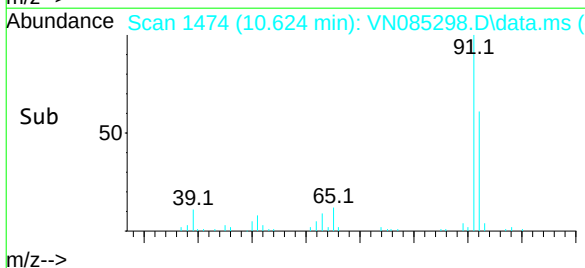
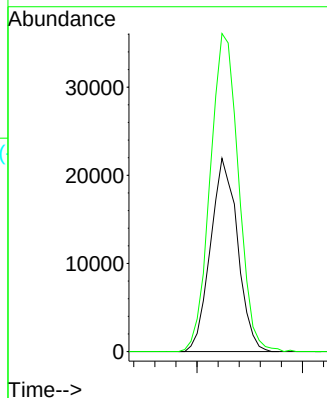
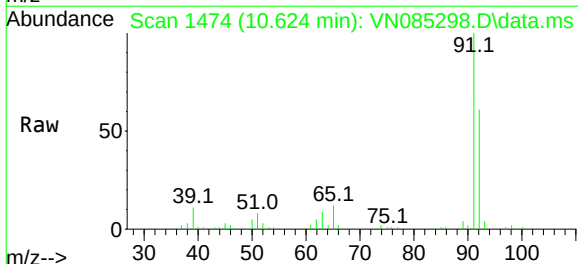
Acq: 23 Dec 2024 16:49

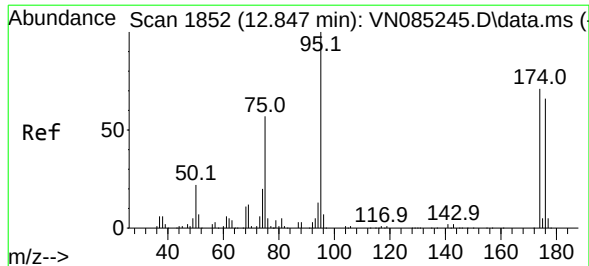
Tgt Ion: 92 Resp: 39133

Ion Ratio Lower Upper

92 100

91 171.7 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 48.049 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085298.D

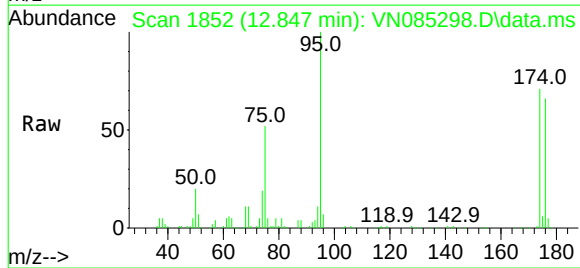
Acq: 23 Dec 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-3-M



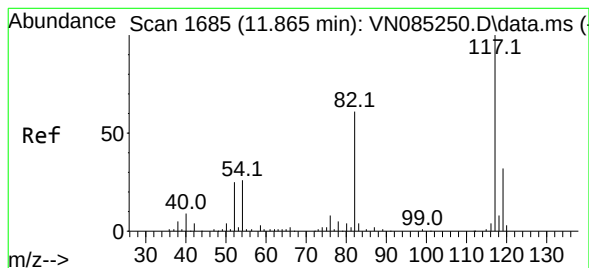
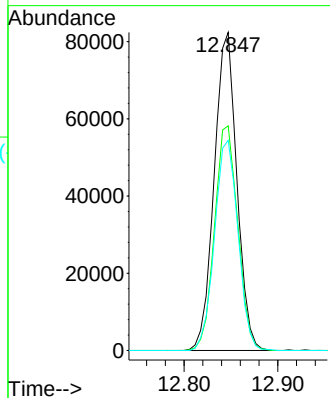
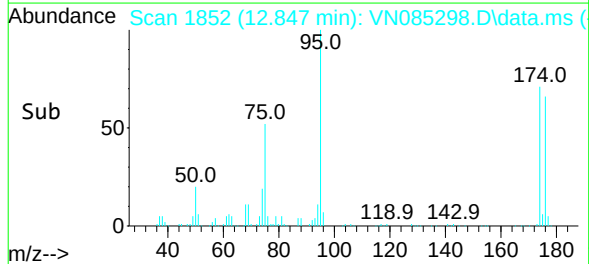
Tgt Ion: 95 Resp: 138380

Ion Ratio Lower Upper

95 100

174 72.5 0.0 144.4

176 68.3 0.0 136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

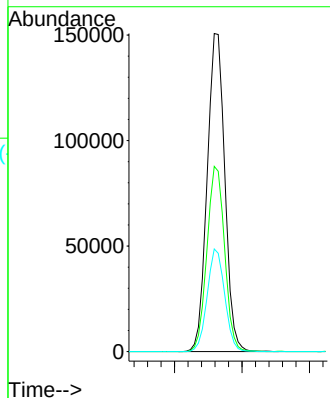
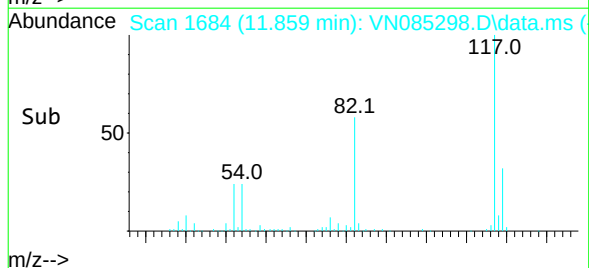
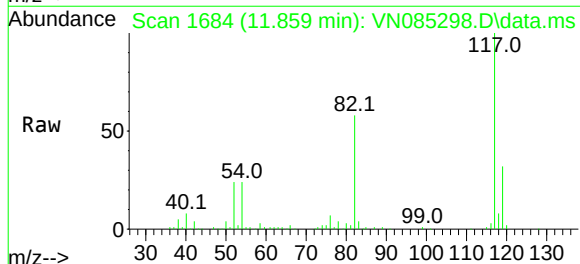
Tgt Ion: 117 Resp: 274059

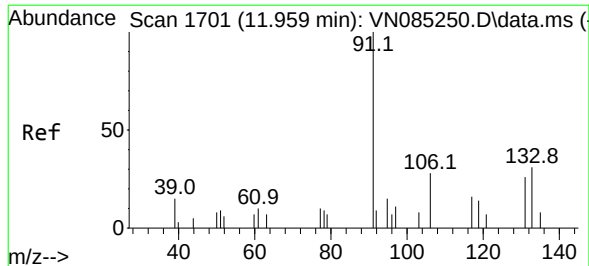
Ion Ratio Lower Upper

117 100

82 58.2 47.4 71.2

119 32.3 25.6 38.4





#67

Ethyl Benzene

Concen: 41.103 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085298.D

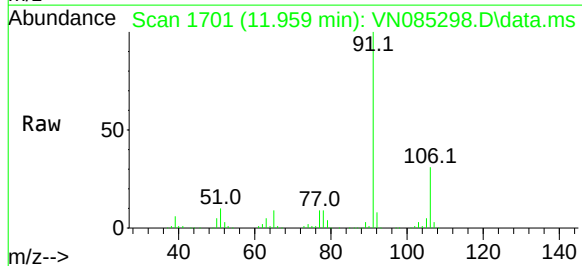
Acq: 23 Dec 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-3-M

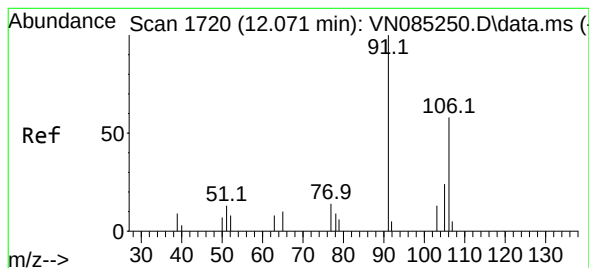
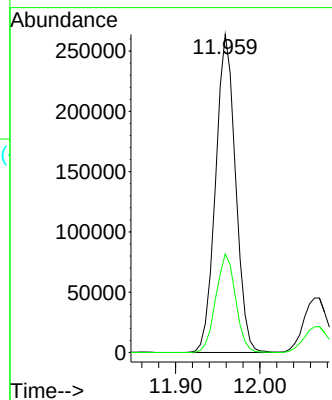
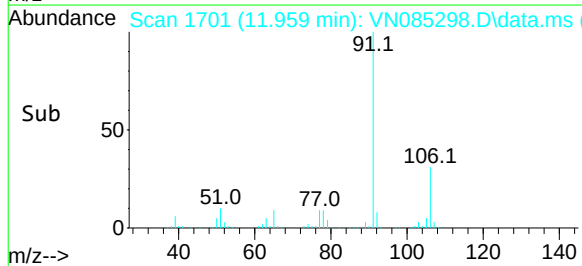


Tgt Ion: 91 Resp: 434011

Ion Ratio Lower Upper

91 100

106 31.0 23.5 35.3



#68

m/p-Xylenes

Concen: 10.967 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN085298.D

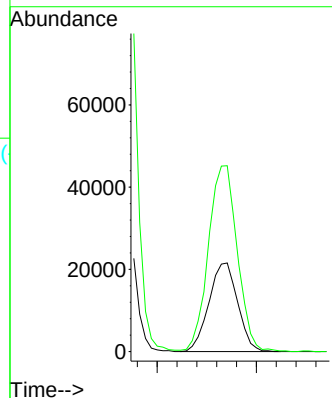
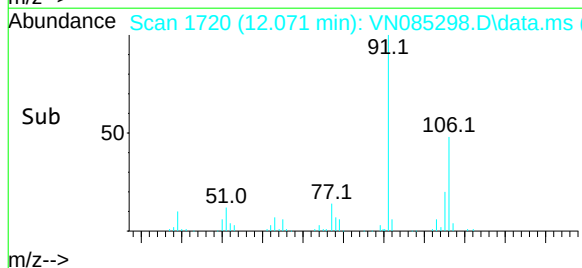
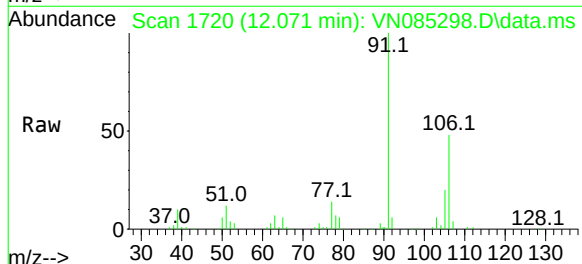
Acq: 23 Dec 2024 16:49

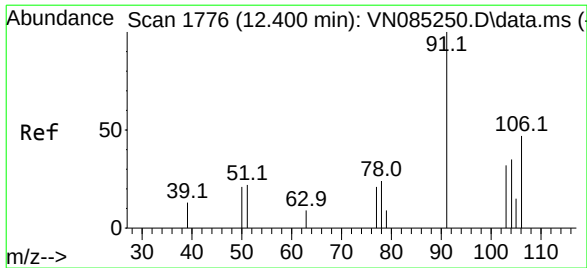
Tgt Ion: 106 Resp: 43312

Ion Ratio Lower Upper

106 100

91 211.2 168.3 252.5





#69

o-Xylene

Concen: 11.376 ug/l

RT: 12.394 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

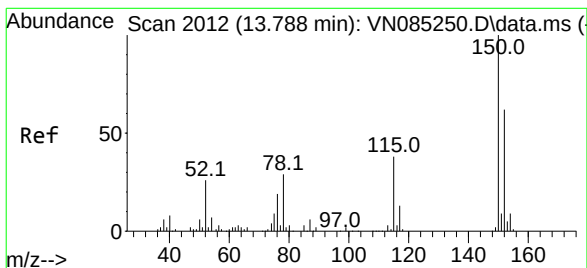
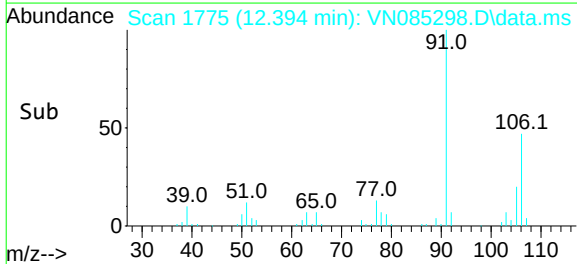
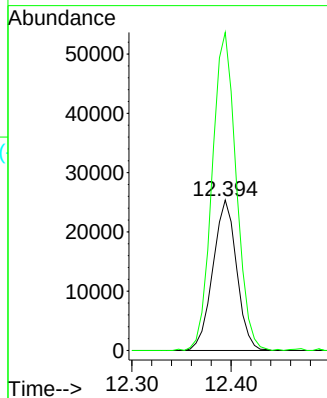
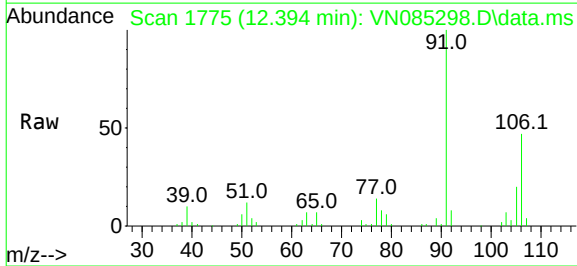
SPLP-C11-3-M

Tgt Ion:106 Resp: 42229

Ion Ratio Lower Upper

106 100

91 214.2 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

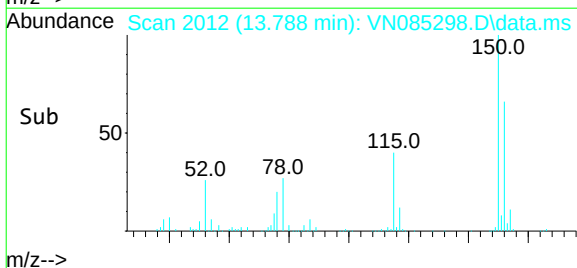
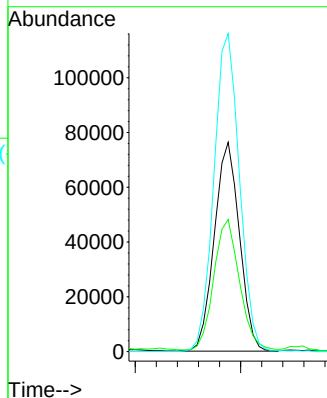
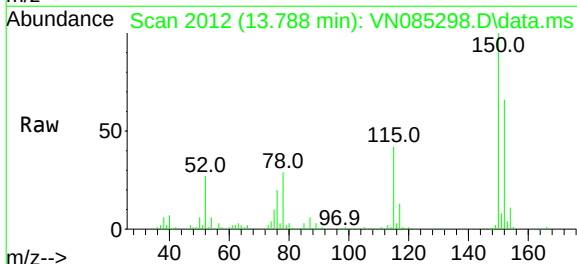
Tgt Ion:152 Resp: 126157

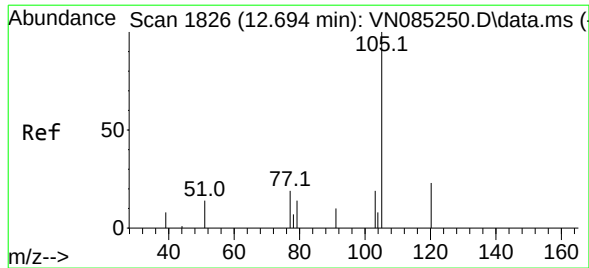
Ion Ratio Lower Upper

152 100

115 63.4 32.1 96.3

150 155.0 0.0 354.6





#73

Isopropylbenzene

Concen: 4.059 ug/l

RT: 12.694 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

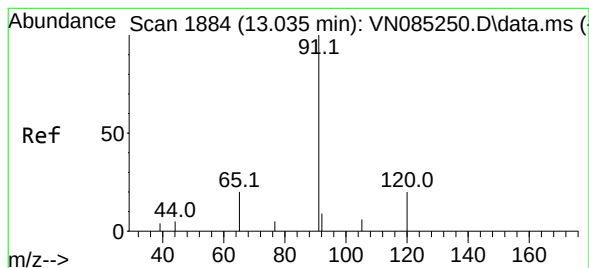
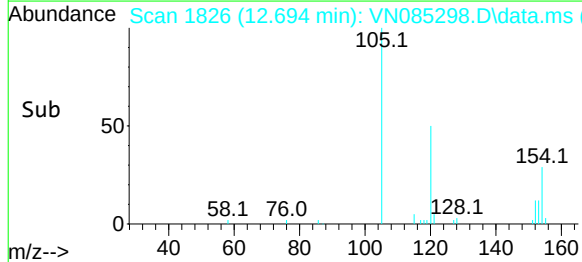
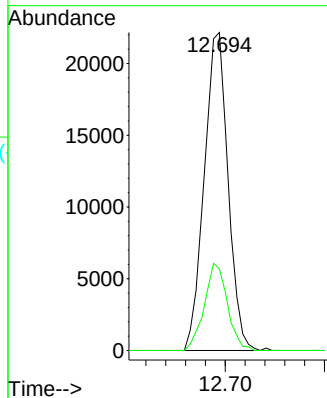
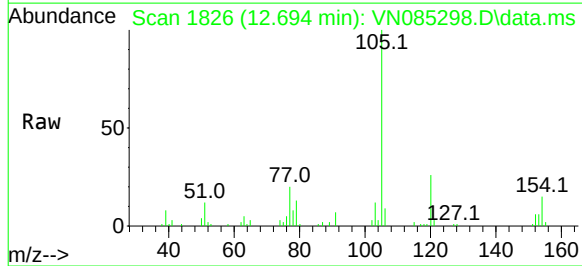
SPLP-C11-3-M

Tgt Ion:105 Resp: 36935

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#78

n-propylbenzene

Concen: 1.525 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN085298.D

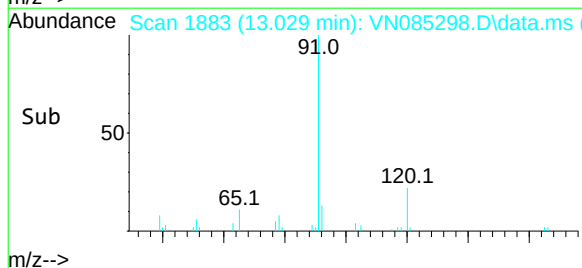
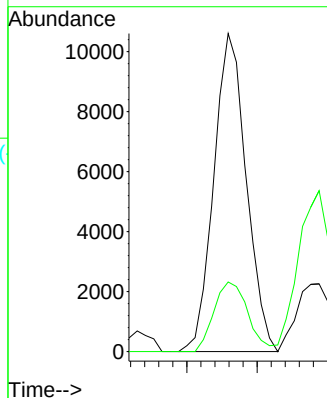
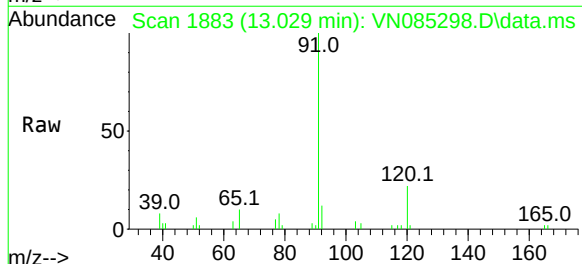
Acq: 23 Dec 2024 16:49

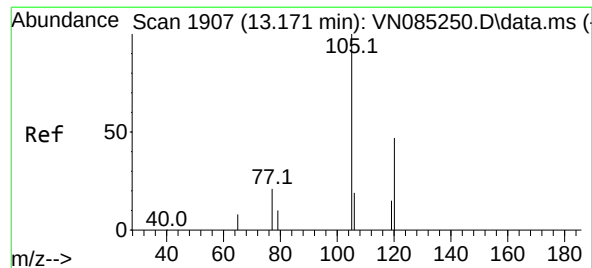
Tgt Ion: 91 Resp: 17018

Ion Ratio Lower Upper

91 100

120 22.7 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 3.905 ug/l

RT: 13.171 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

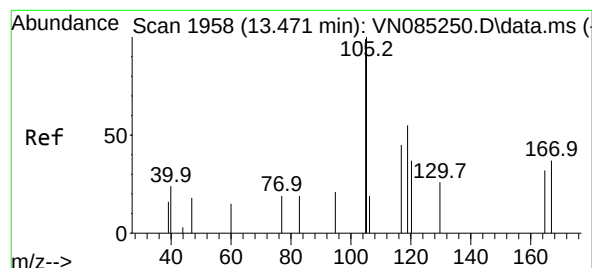
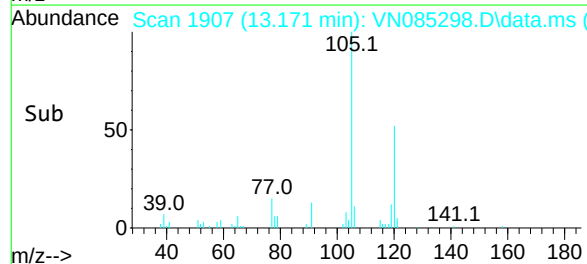
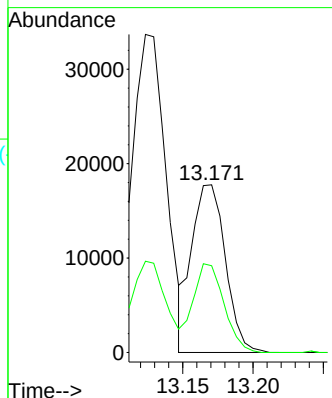
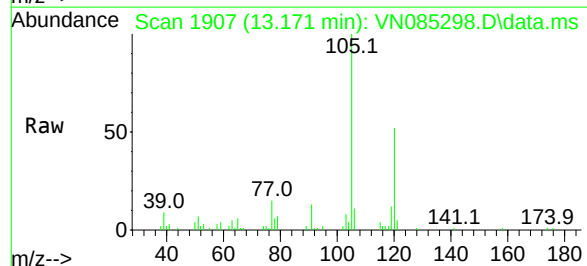
SPLP-C11-3-M

Tgt Ion:105 Resp: 29641

Ion Ratio Lower Upper

105 100

120 48.8 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 14.341 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085298.D

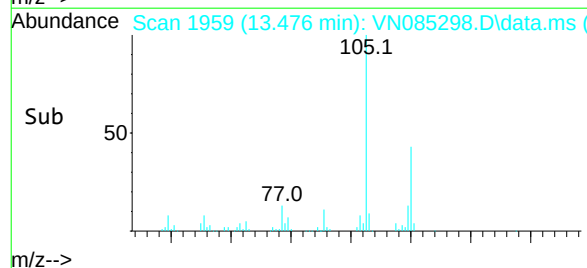
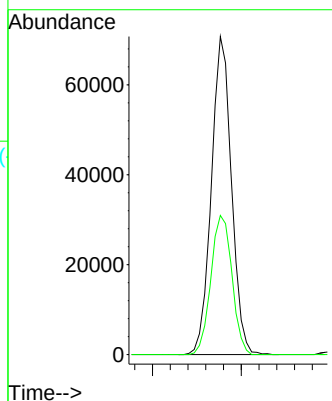
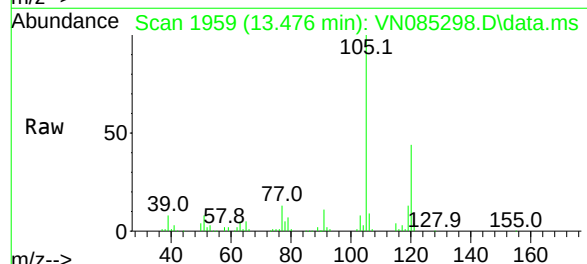
Acq: 23 Dec 2024 16:49

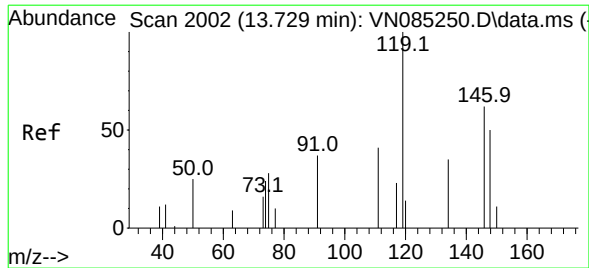
Tgt Ion:105 Resp: 111276

Ion Ratio Lower Upper

105 100

120 45.8 21.8 65.3





#86

p-Isopropyltoluene

Concen: 2.667 ug/l

RT: 13.723 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-3-M

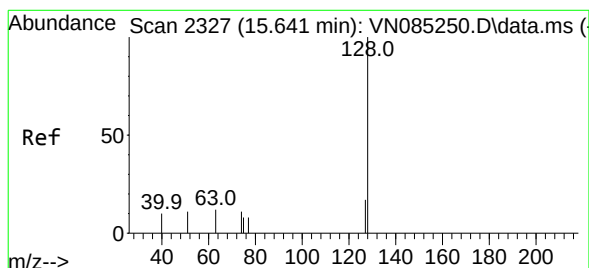
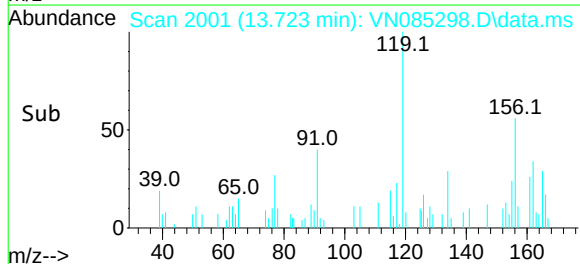
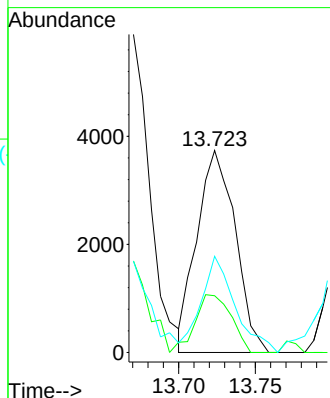
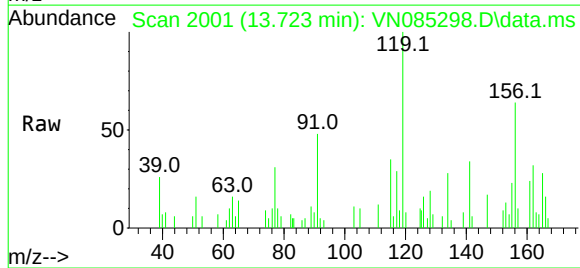
Tgt Ion:119 Resp: 6509

Ion Ratio Lower Upper

119 100

134 26.8 12.5 37.5

91 0.0 13.0 38.9#



#95

Naphthalene

Concen: 687.030 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

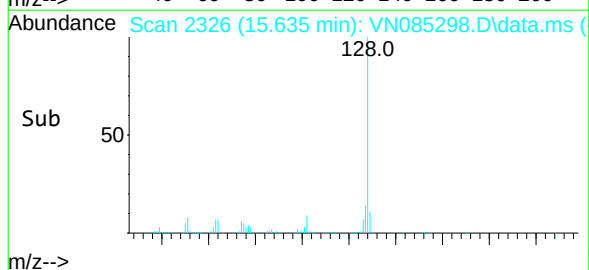
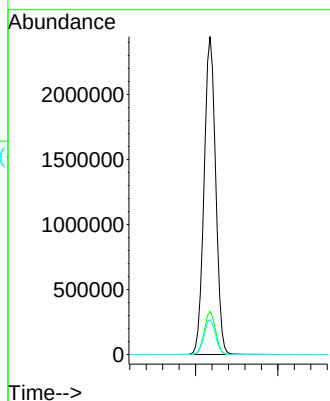
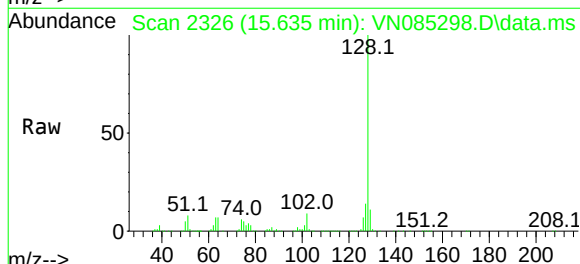
Tgt Ion:128 Resp: 4766579

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.9 8.6 13.0



Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C11-3-MRE	SDG No.:	P5371
Lab Sample ID:	P5371-06RE	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085315.D	1		12/26/24 14:12	VN122624

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	23.7	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	3.00	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	3.00	J	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	4.80	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	7.10		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C11-3-MRE	SDG No.:	P5371
Lab Sample ID:	P5371-06RE	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085315.D	1		12/26/24 14:12	VN122624

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	42.4		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	11.3		0.31	10.0	ug/L
95-47-6	o-Xylene	11.3		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	4.00	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	43.1		70 (74) - 130 (125)	86%	SPK: 50
1868-53-7	Dibromofluoromethane	32.7	*	70 (75) - 130 (124)	65%	SPK: 50
2037-26-5	Toluene-d8	47.9		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	152000	8.218			
540-36-3	1,4-Difluorobenzene	276000	9.1			
3114-55-4	Chlorobenzene-d5	242000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	109000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C11-3-MRE		SDG No.:	P5371	
Lab Sample ID:	P5371-06RE		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085315.D	1		12/26/24 14:12	VN122624

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_N\Data\VN122624\
 Data File : VN085315.D
 Acq On : 26 Dec 2024 14:12
 Operator : JC\MD
 Sample : P5371-06RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-3-MRE

Quant Time: Dec 27 00:45:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

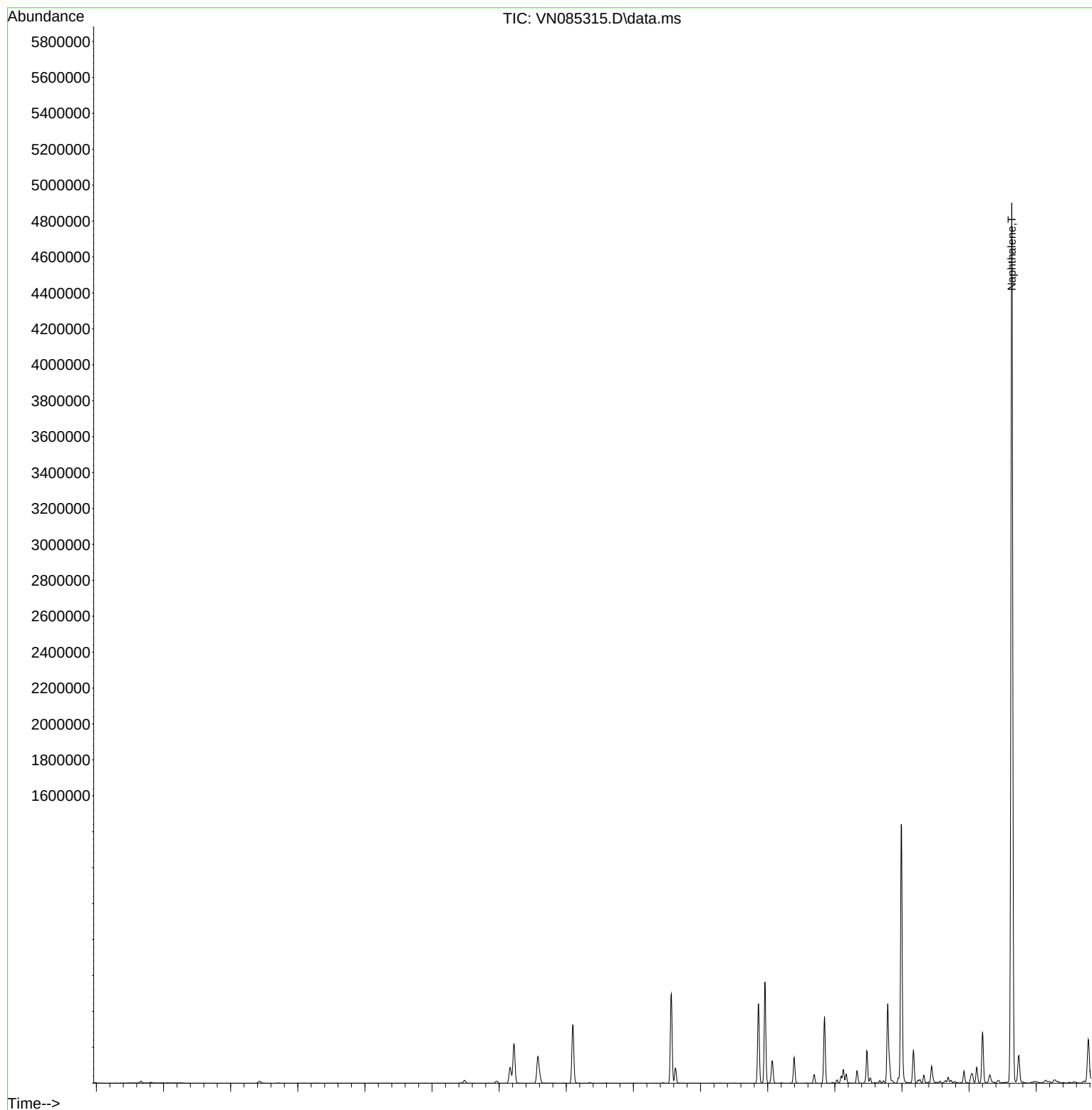
Internal Standards						
1) Pentafluorobenzene	8.218	168	152126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114507	43.065	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	86.140%	
35) Dibromofluoromethane	8.165	113	63325	32.660	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	65.320%#	
50) Toluene-d8	10.565	98	339611	47.922	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	95.840%	
62) 4-Bromofluorobenzene	12.847	95	124635	49.240	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	98.480%	
Target Compounds						
16) Acetone	4.430	43	21792	23.744	ug/l	94
27) cis-1,2-Dichloroethene	7.483	96	6743	3.025	ug/l	79
30) Chloroform	7.965	83	11768	2.965	ug/l	99
40) Benzene	8.606	78	40115	4.776	ug/l	96
52) Toluene	10.630	92	35830	7.095	ug/l	99
67) Ethyl Benzene	11.959	91	396222	42.447	ug/l	100
68) m/p-Xylenes	12.065	106	39601	11.343	ug/l	99
69) o-Xylene	12.394	106	37171	11.327	ug/l	99
73) Isopropylbenzene	12.694	105	31660	4.015	ug/l	99
78) n-propylbenzene	13.035	91	15233	1.575	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	24697	3.755	ug/l	94
84) 1,2,4-Trimethylbenzene	13.476	105	98233	14.613	ug/l	99
86) p-Isopropyltoluene	13.723	119	5582	2.660	ug/l #	72
95) Naphthalene	15.635	128	4350456	723.774	ug/l	99

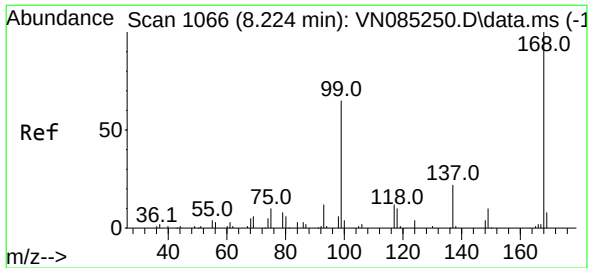
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085315.D
Acq On : 26 Dec 2024 14:12
Operator : JC\MD
Sample : P5371-06RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-3-MRE

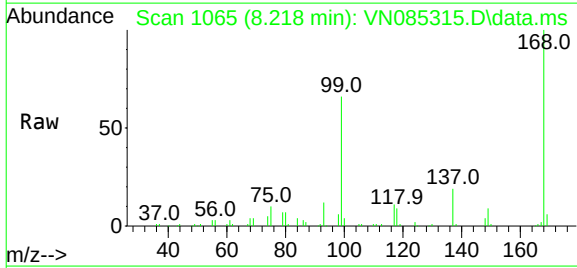
Quant Time: Dec 27 00:45:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



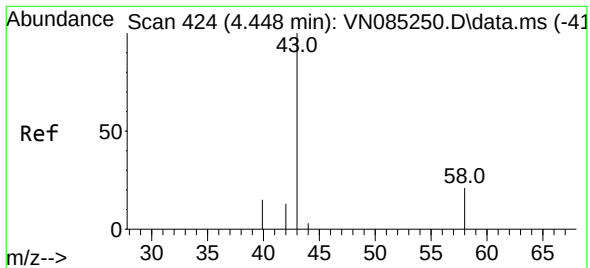
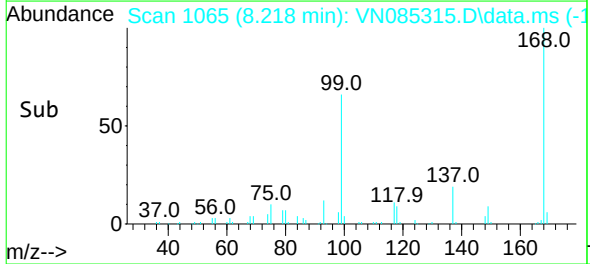
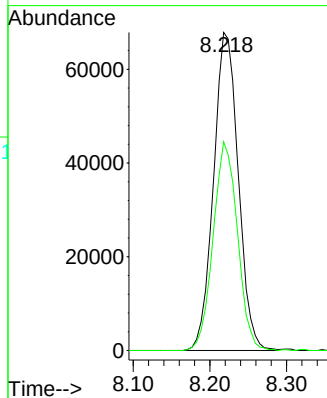


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085315.D
Acq: 26 Dec 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-3-MRE

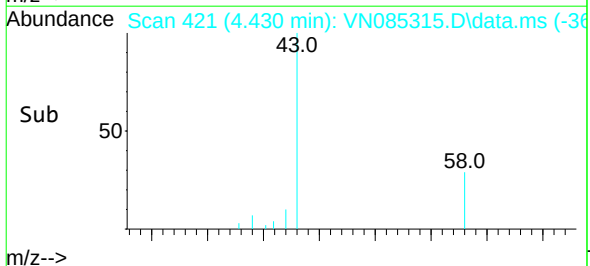
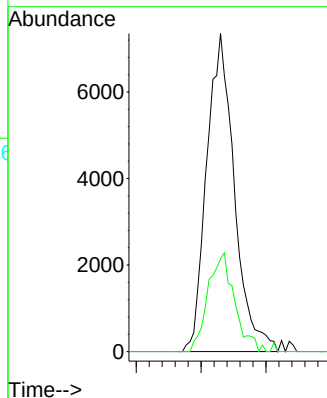
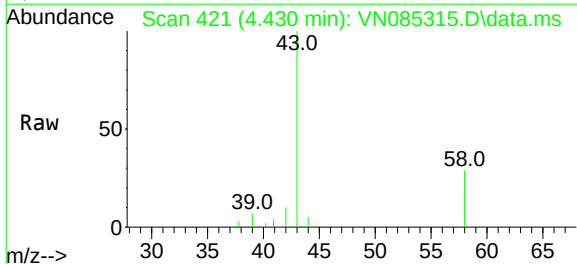


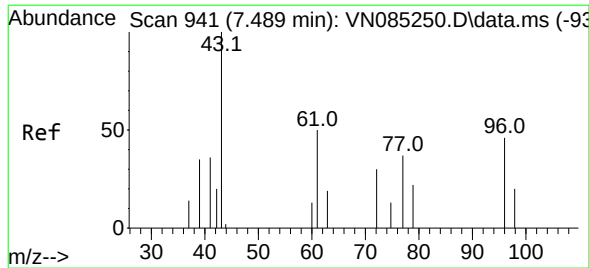
Tgt Ion: 168 Resp: 152126
Ion Ratio Lower Upper
168 100
99 65.6 50.7 76.1



#16
Acetone
Concen: 23.744 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085315.D
Acq: 26 Dec 2024 14:12

Tgt Ion: 43 Resp: 21792
Ion Ratio Lower Upper
43 100
58 29.1 20.8 31.2





#27

cis-1,2-Dichloroethene

Concen: 3.025 ug/l

RT: 7.483 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN085315.D

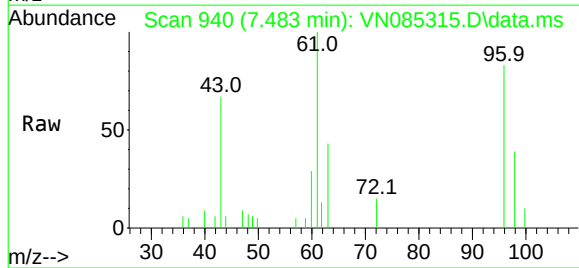
Acq: 26 Dec 2024 14:12

Instrument :

MSVOA_N

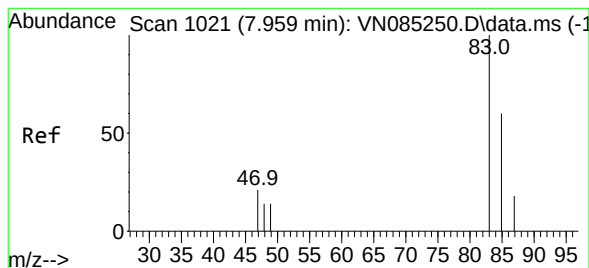
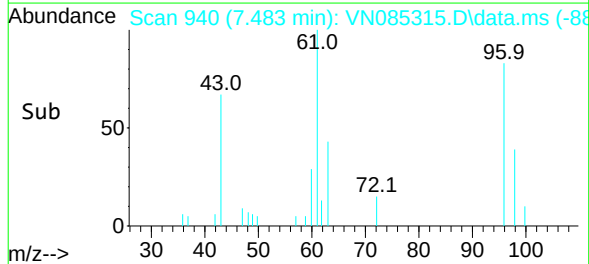
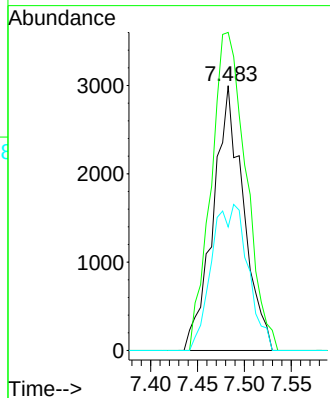
ClientSampleId :

SPLP-C11-3-MRE



Tgt Ion: 96 Resp: 6743

Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	316.4
98	34.4	0.0	125.4



#30

Chloroform

Concen: 2.965 ug/l

RT: 7.965 min Scan# 1022

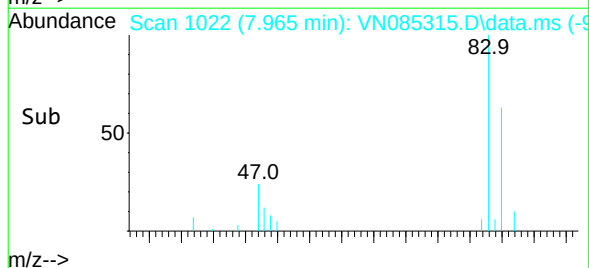
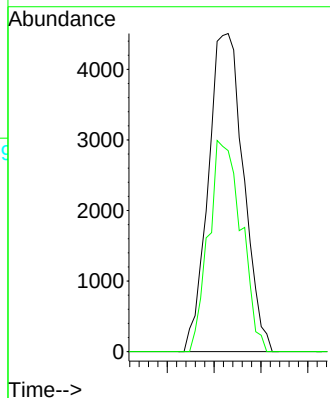
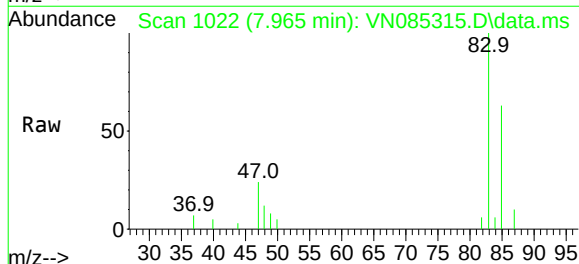
Delta R.T. 0.000 min

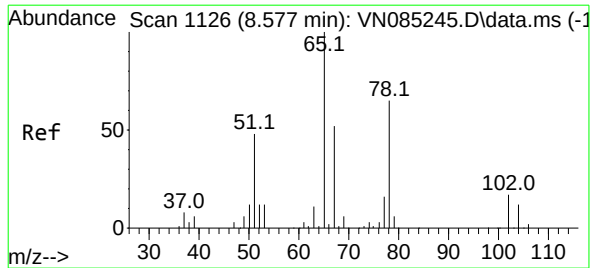
Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Tgt Ion: 83 Resp: 11768

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.4	77.0

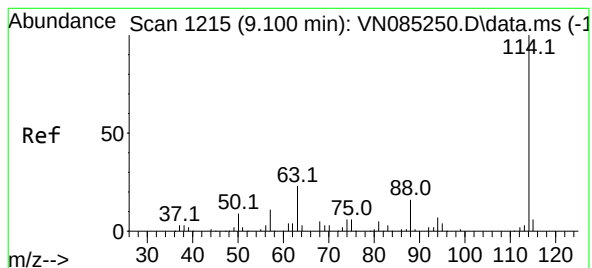
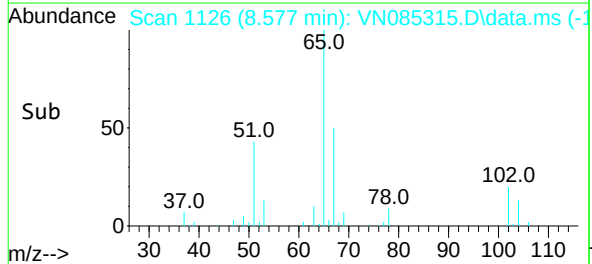
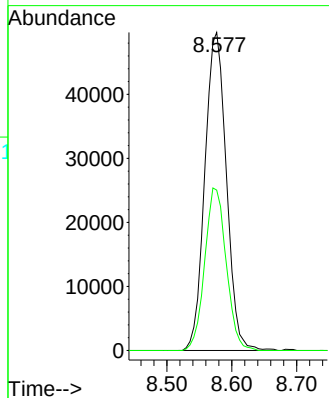
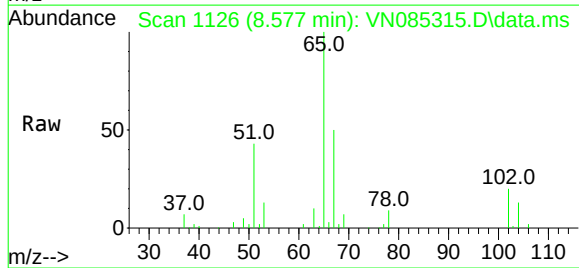




#33
1,2-Dichloroethane-d4
Concen: 43.065 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085315.D
Acq: 26 Dec 2024 14:12

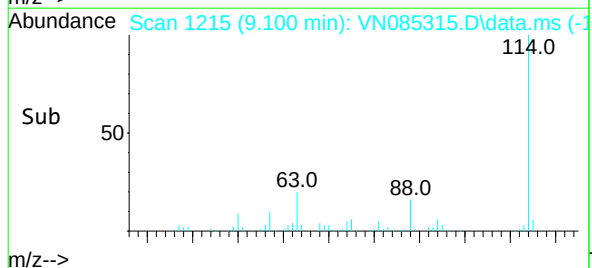
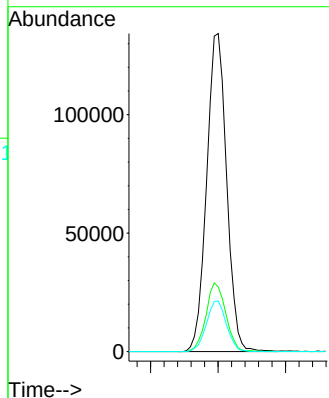
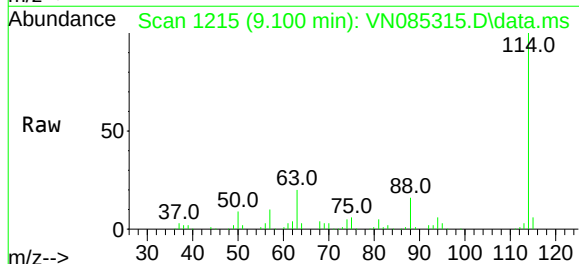
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-3-MRE

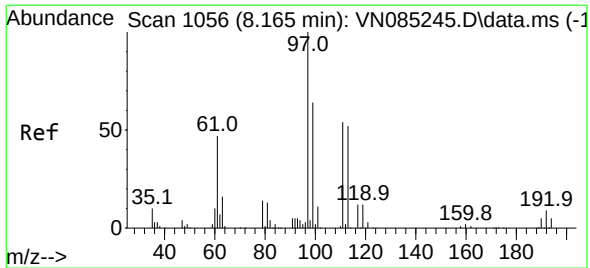
Tgt Ion: 65 Resp: 114507
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085315.D
Acq: 26 Dec 2024 14:12

Tgt Ion: 114 Resp: 275786
Ion Ratio Lower Upper
114 100
63 20.3 0.0 46.2
88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 32.660 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085315.D

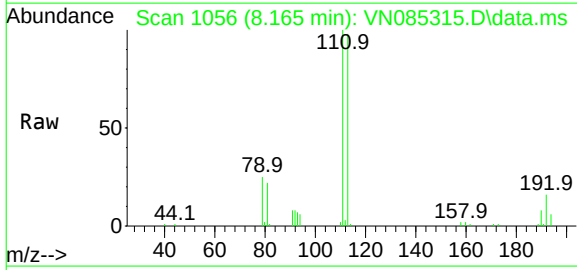
Acq: 26 Dec 2024 14:12

Instrument :

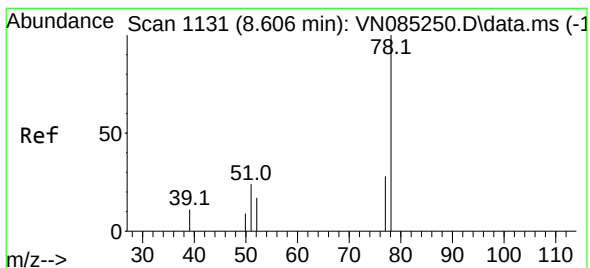
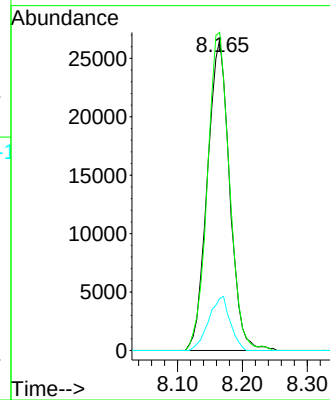
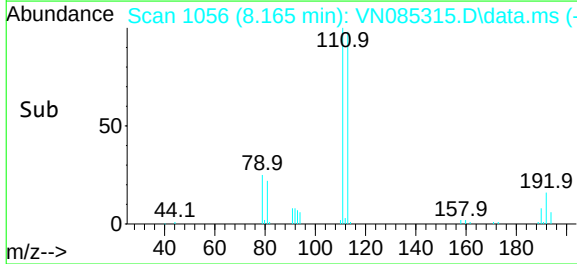
MSVOA_N

ClientSampleId :

SPLP-C11-3-MRE



Tgt Ion:	113	Resp:	63325
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.1	123.1
192	16.7	13.4	20.0



#40

Benzene

Concen: 4.776 ug/l

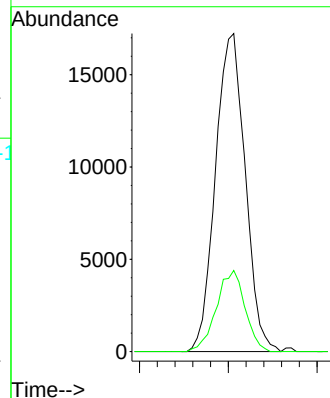
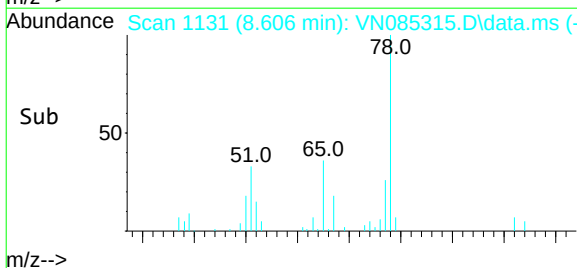
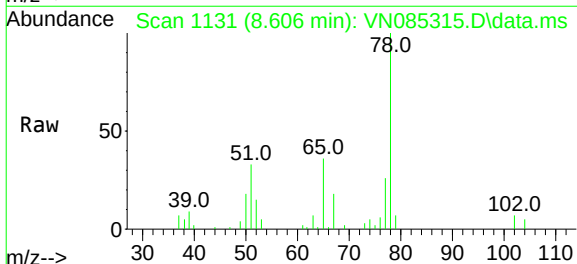
RT: 8.606 min Scan# 1131

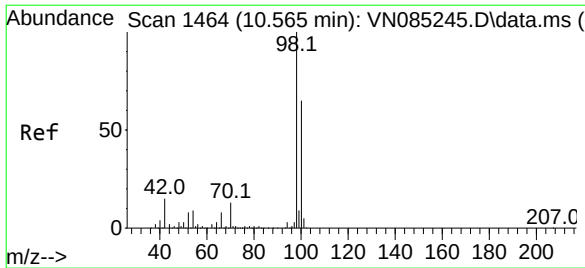
Delta R.T. 0.006 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Tgt Ion:	78	Resp:	40115
Ion	Ratio	Lower	Upper
78	100		
77	25.5	18.9	28.3





#50

Toluene-d8

Concen: 47.922 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

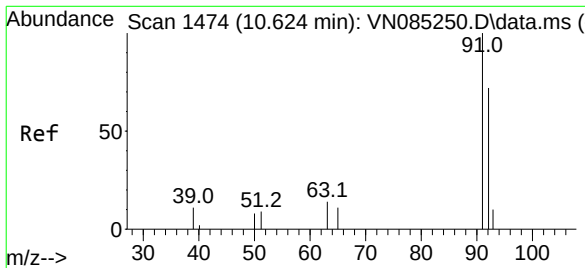
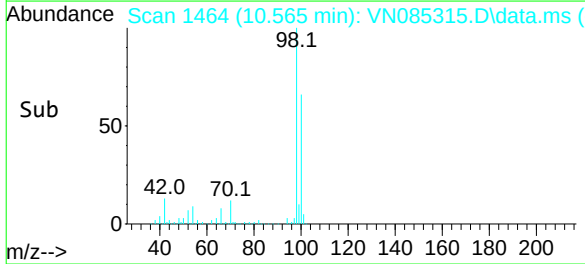
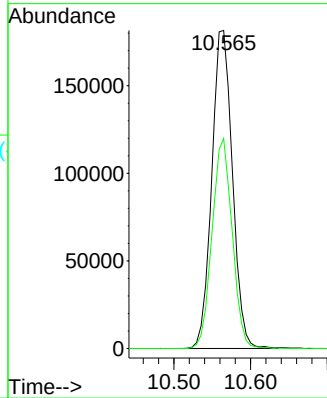
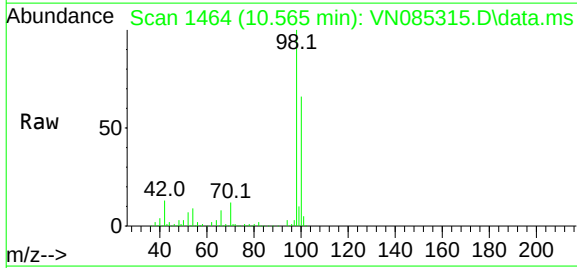
SPLP-C11-3-MRE

Tgt Ion: 98 Resp: 339611

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#52

Toluene

Concen: 7.095 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN085315.D

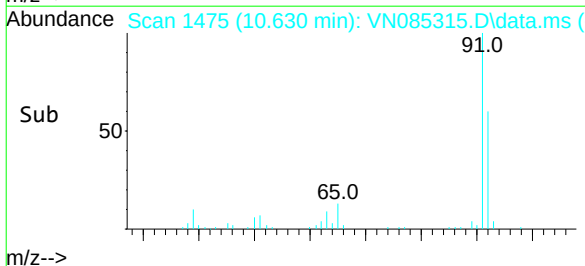
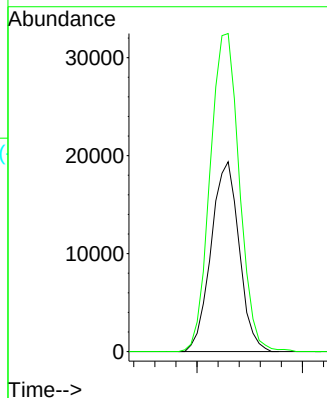
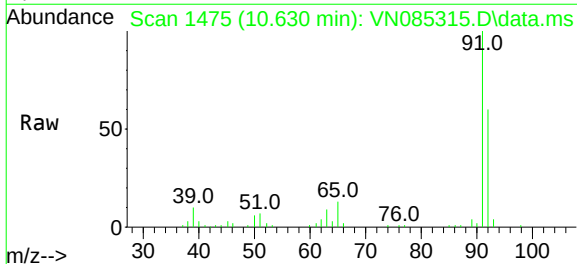
Acq: 26 Dec 2024 14:12

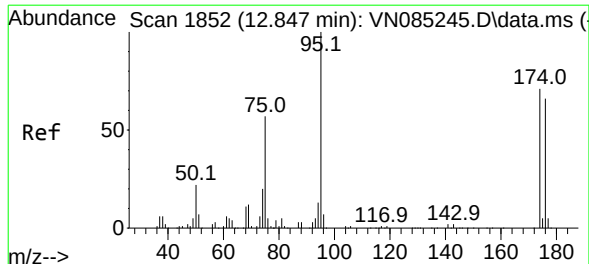
Tgt Ion: 92 Resp: 35830

Ion Ratio Lower Upper

92 100

91 174.6 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 49.240 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085315.D

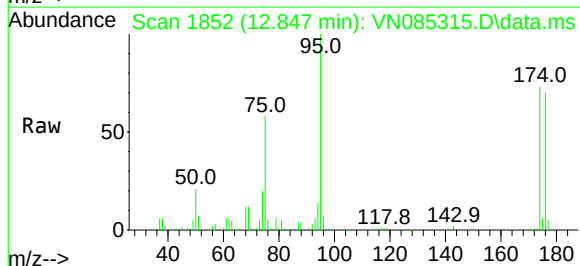
Acq: 26 Dec 2024 14:12

Instrument :

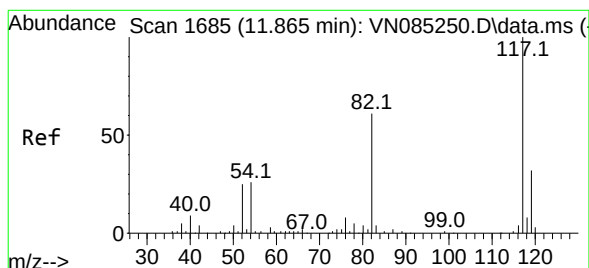
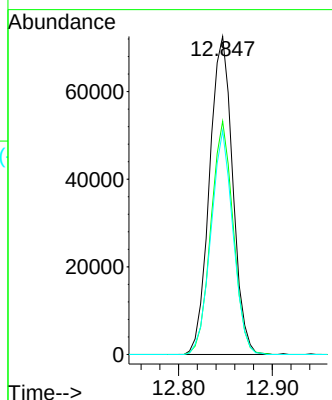
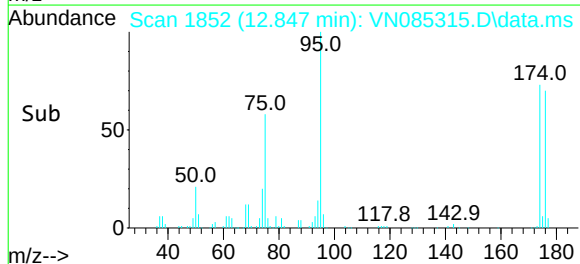
MSVOA_N

ClientSampleId :

SPLP-C11-3-MRE



Tgt Ion:	95	Resp:	124635
Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	144.4
176	67.2	0.0	136.6



#63

Chlorobenzene-d5

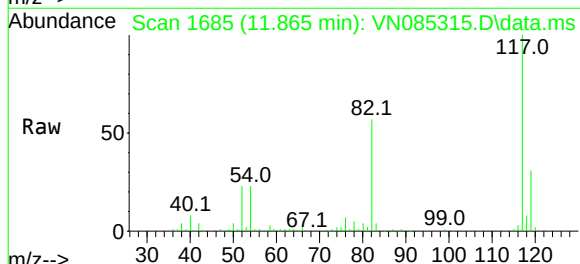
Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

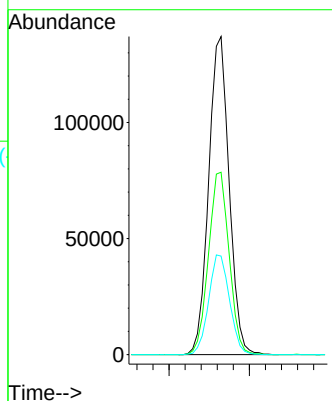
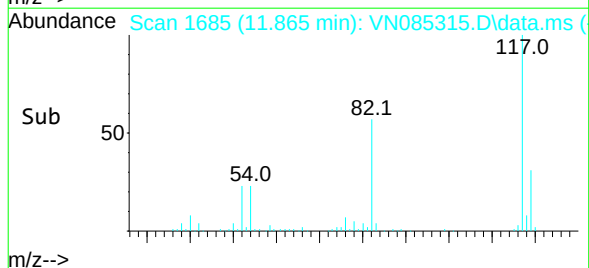
Delta R.T. 0.000 min

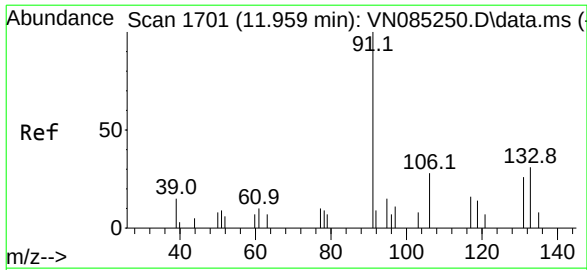
Lab File: VN085315.D

Acq: 26 Dec 2024 14:12



Tgt Ion:	117	Resp:	242276
Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.4	71.2
119	31.0	25.6	38.4





#67

Ethyl Benzene

Concen: 42.447 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

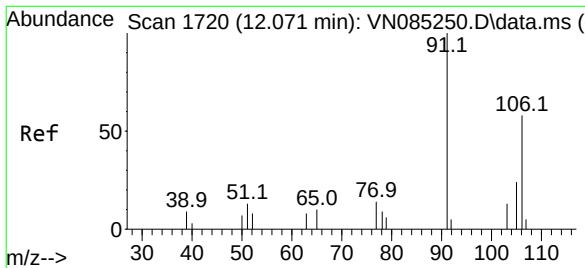
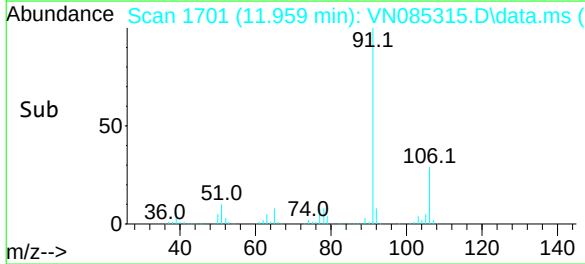
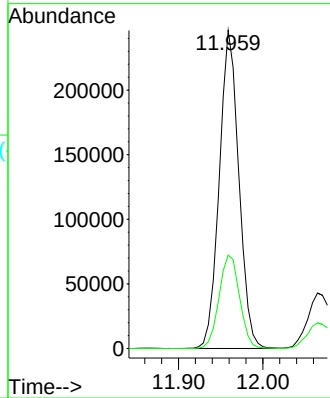
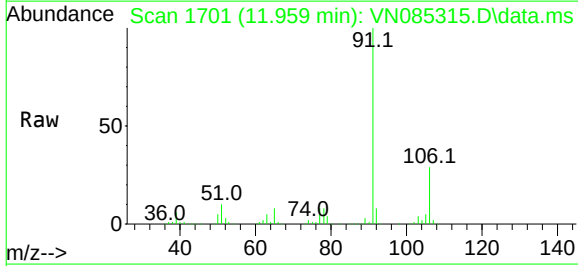
SPLP-C11-3-MRE

Tgt Ion: 91 Resp: 396222

Ion Ratio Lower Upper

91 100

106 29.4 23.5 35.3



#68

m/p-Xylenes

Concen: 11.343 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085315.D

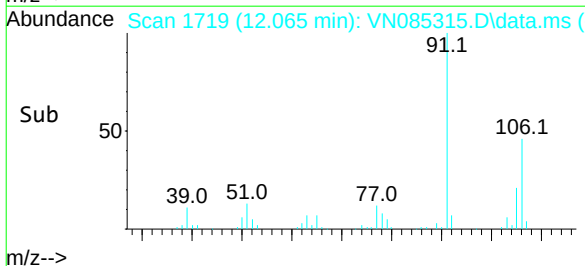
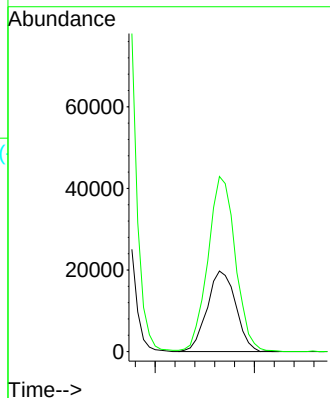
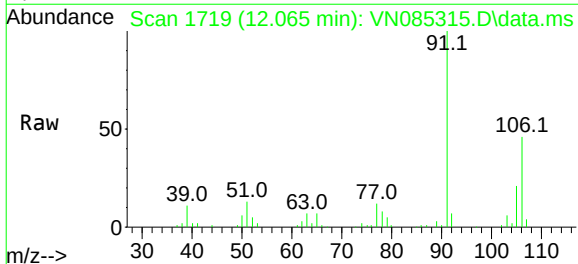
Acq: 26 Dec 2024 14:12

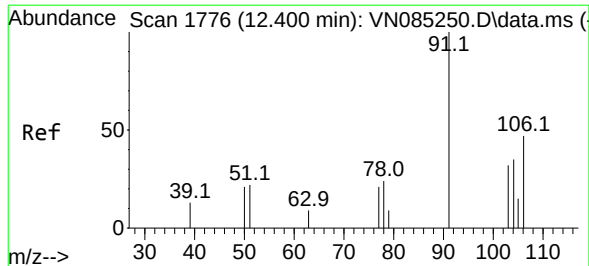
Tgt Ion:106 Resp: 39601

Ion Ratio Lower Upper

106 100

91 209.4 168.3 252.5





#69

o-Xylene

Concen: 11.327 ug/l

RT: 12.394 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

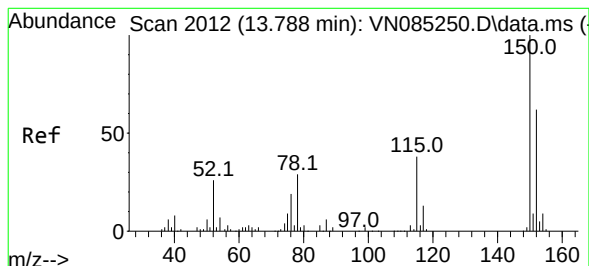
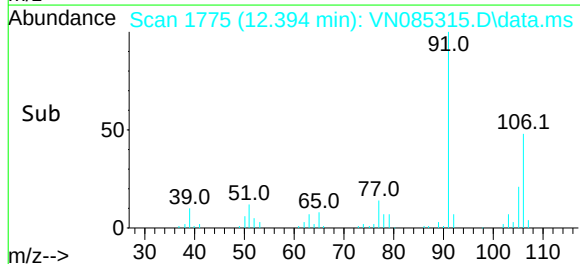
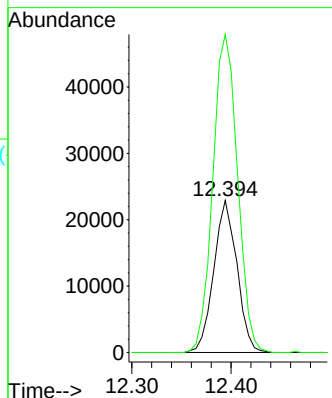
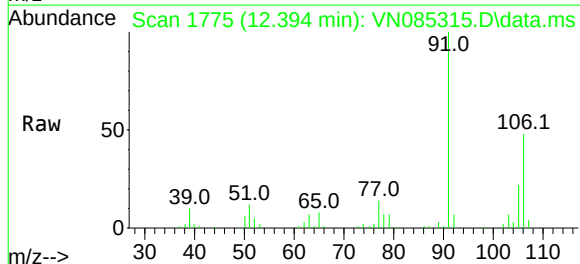
SPLP-C11-3-MRE

Tgt Ion:106 Resp: 37171

Ion Ratio Lower Upper

106 100

91 222.9 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

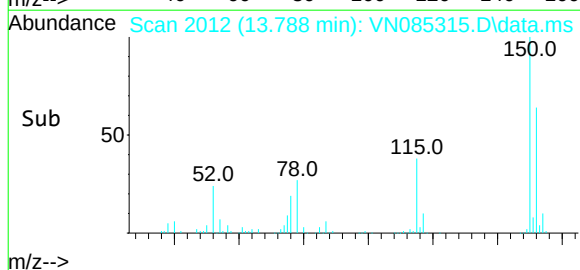
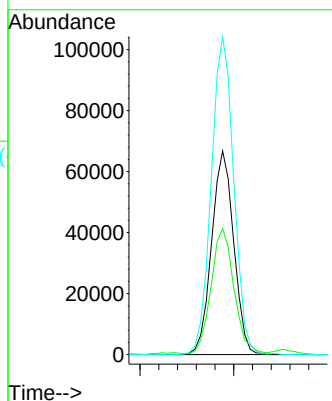
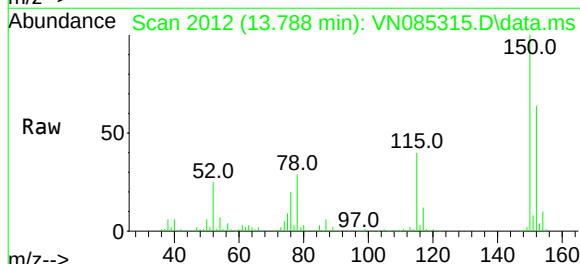
Tgt Ion:152 Resp: 109298

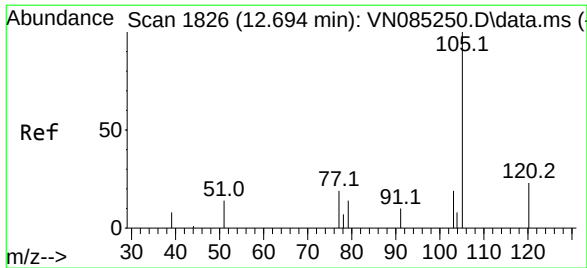
Ion Ratio Lower Upper

152 100

115 63.6 32.1 96.3

150 158.8 0.0 354.6





#73

Isopropylbenzene

Concen: 4.015 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

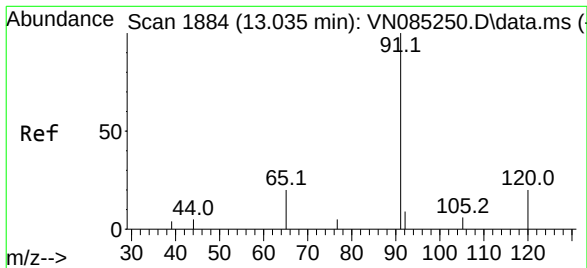
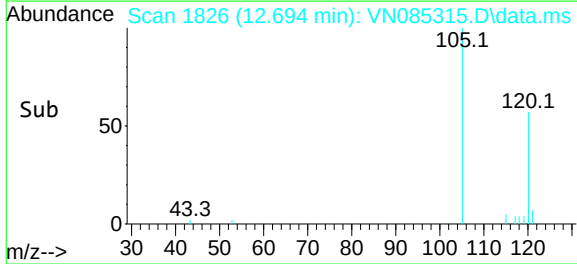
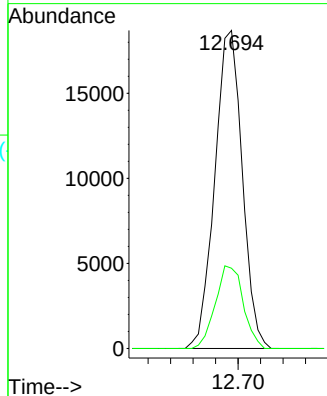
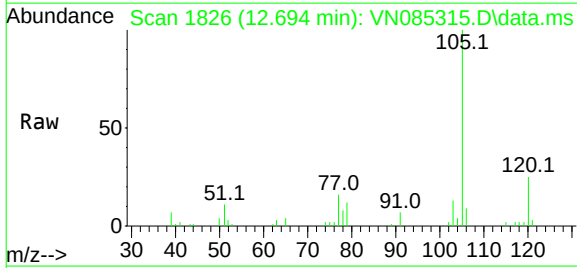
SPLP-C11-3-MRE

Tgt Ion:105 Resp: 31660

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#78

n-propylbenzene

Concen: 1.575 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN085315.D

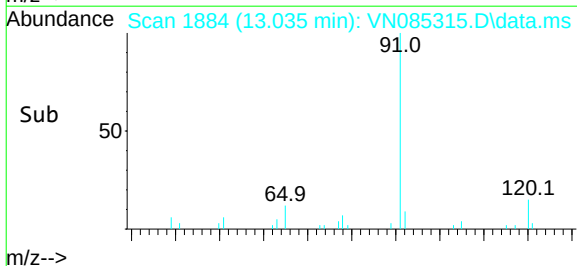
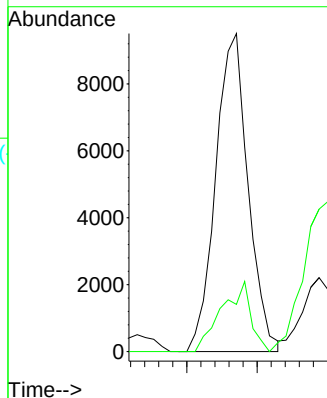
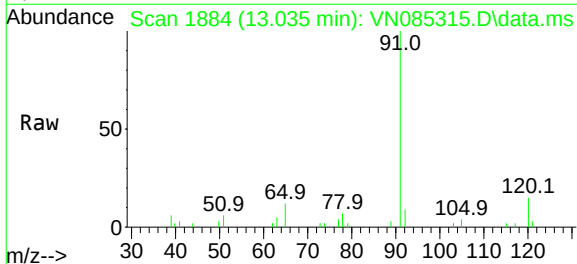
Acq: 26 Dec 2024 14:12

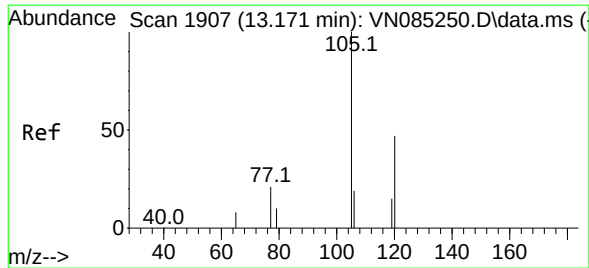
Tgt Ion: 91 Resp: 15233

Ion Ratio Lower Upper

91 100

120 19.7 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 3.755 ug/l

RT: 13.171 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

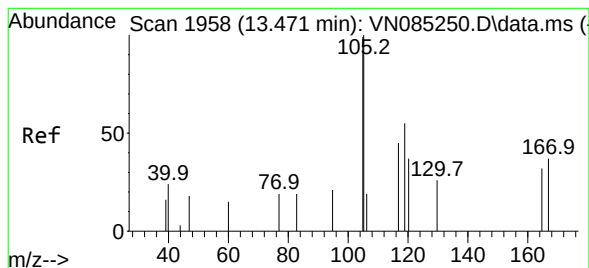
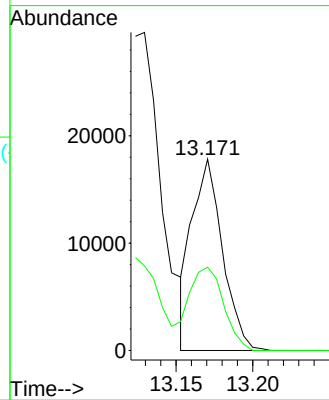
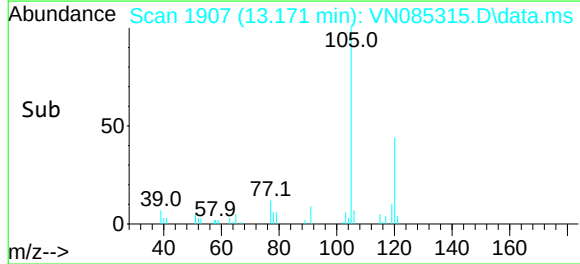
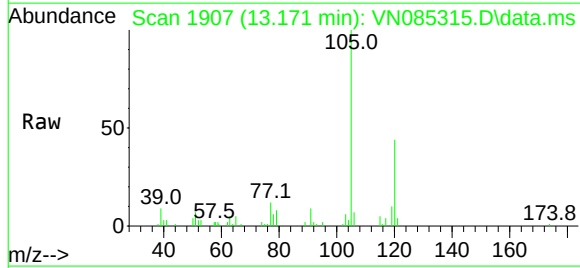
SPLP-C11-3-MRE

Tgt Ion:105 Resp: 24697

Ion Ratio Lower Upper

105 100

120 51.0 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 14.613 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085315.D

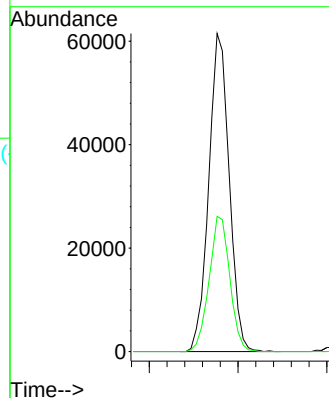
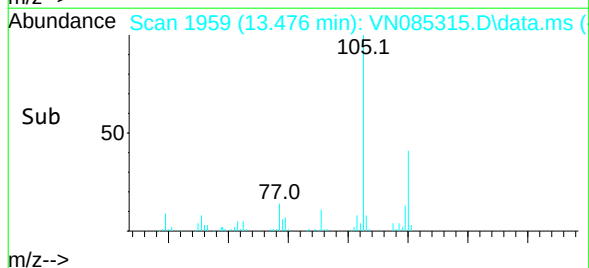
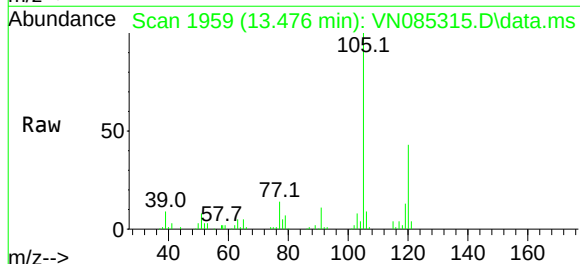
Acq: 26 Dec 2024 14:12

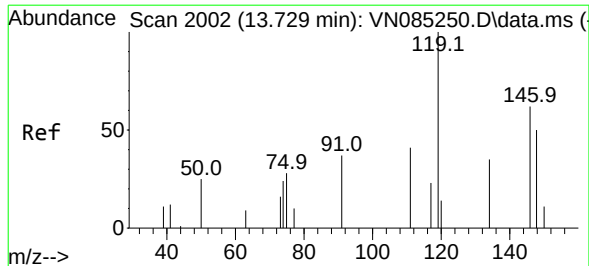
Tgt Ion:105 Resp: 98233

Ion Ratio Lower Upper

105 100

120 43.0 21.8 65.3





#86

p-Isopropyltoluene

Concen: 2.660 ug/l

RT: 13.723 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN085315.D

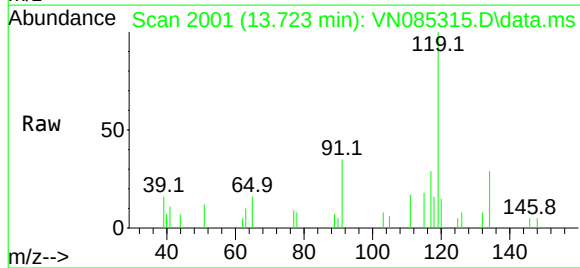
Acq: 26 Dec 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-3-MRE



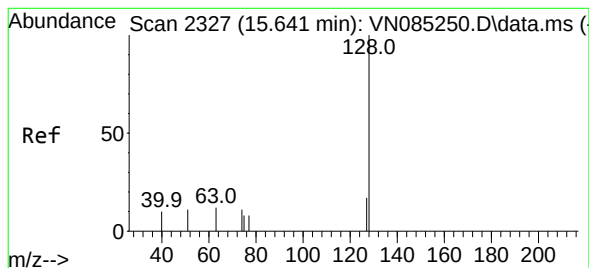
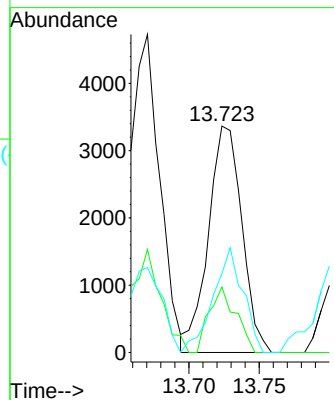
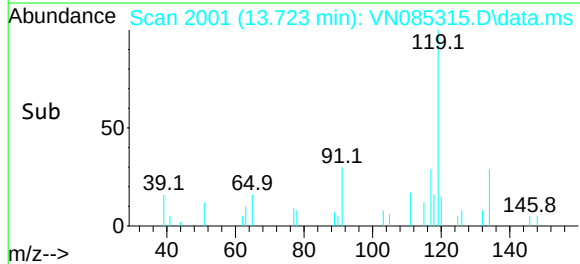
Tgt Ion:119 Resp: 5582

Ion Ratio Lower Upper

119 100

134 23.0 12.5 37.5

91 0.0 13.0 38.9#



#95

Naphthalene

Concen: 723.774 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

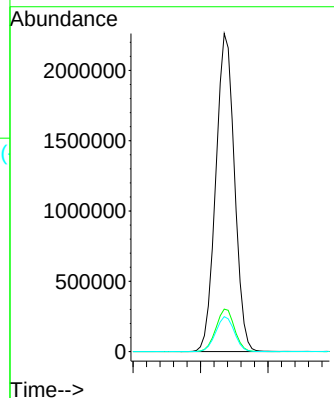
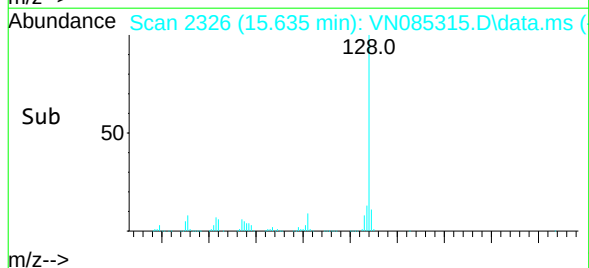
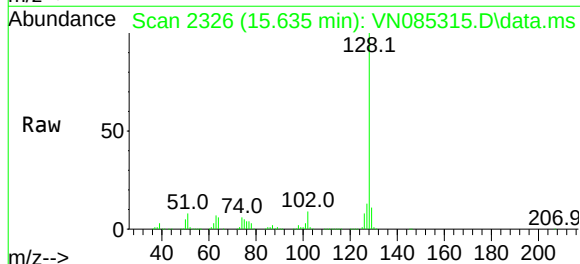
Tgt Ion:128 Resp: 4350456

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.0 8.6 13.0



Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C12-1-M	SDG No.:	P5371
Lab Sample ID:	P5371-07	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085299.D	1		12/23/24 17:13	VN122324

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	28.5		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	6.60		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	2.80	J	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	4.50	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	1.90	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	5.00		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C12-1-M	SDG No.:	P5371
Lab Sample ID:	P5371-07	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085299.D	1		12/23/24 17:13	VN122324

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	19.6		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	6.60	J	0.31	10.0	ug/L
95-47-6	o-Xylene	6.80		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	1.70	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	41.9		70 (74) - 130 (125)	84%	SPK: 50
1868-53-7	Dibromofluoromethane	31.5	*	70 (75) - 130 (124)	63%	SPK: 50
2037-26-5	Toluene-d8	46.9		70 (86) - 130 (113)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.5		70 (77) - 130 (121)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	167000	8.224			
540-36-3	1,4-Difluorobenzene	305000	9.094			
3114-55-4	Chlorobenzene-d5	263000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	118000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C12-1-M		SDG No.:	P5371	
Lab Sample ID:	P5371-07		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085299.D	1		12/23/24 17:13	VN122324

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_N\Data\VN122324\
 Data File : VN085299.D
 Acq On : 23 Dec 2024 17:13
 Operator : JC\MD
 Sample : P5371-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C12-1-M

Quant Time: Dec 24 04:13:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

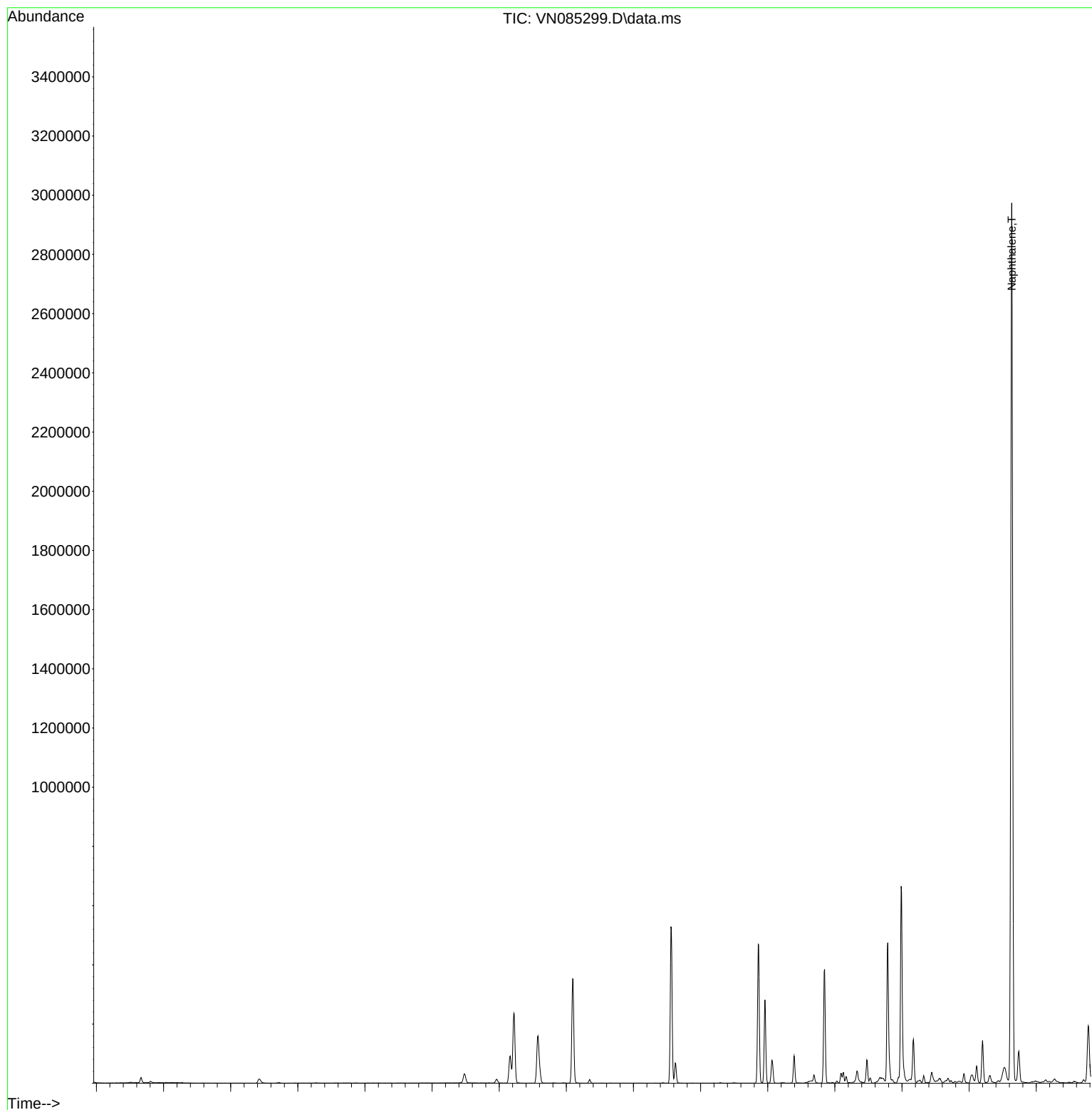
Internal Standards						
1) Pentafluorobenzene	8.224	168	167201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	305341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	122457	41.903	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.800%		
35) Dibromofluoromethane	8.159	113	67546	31.465	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	62.920%#		
50) Toluene-d8	10.565	98	367777	46.874	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.740%		
62) 4-Bromofluorobenzene	12.847	95	133182	47.524	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.040%		
Target Compounds					Qvalue	
16) Acetone	4.418	43	28737	28.487	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	16134	6.586	ug/l	85
30) Chloroform	7.959	83	12221	2.802	ug/l	93
40) Benzene	8.606	78	41907	4.506	ug/l	98
44) Trichloroethene	9.347	130	3839	1.854	ug/l	93
52) Toluene	10.629	92	27995	5.007	ug/l	98
67) Ethyl Benzene	11.959	91	198585	19.583	ug/l	97
68) m/p-Xylenes	12.065	106	24961	6.581	ug/l	99
69) o-Xylene	12.394	106	24104	6.761	ug/l	98
73) Isopropylbenzene	12.688	105	14355	1.687	ug/l	99
80) 1,3,5-Trimethylbenzene	13.165	105	11083	1.561	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	44175	6.089	ug/l	99
86) p-Isopropyltoluene	13.723	119	3441	2.354	ug/l #	70
95) Naphthalene	15.635	128	2665897	410.936	ug/l	100

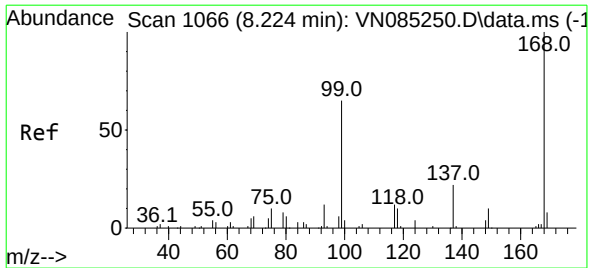
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085299.D
Acq On : 23 Dec 2024 17:13
Operator : JC\MD
Sample : P5371-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-1-M

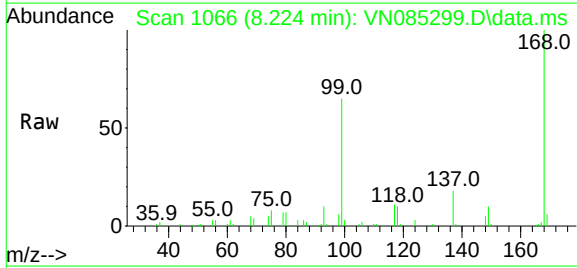
Quant Time: Dec 24 04:13:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



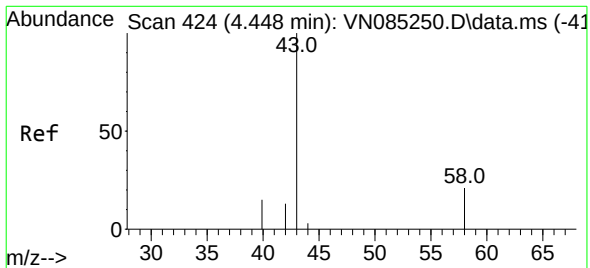
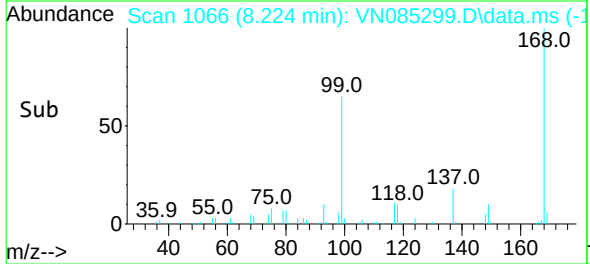
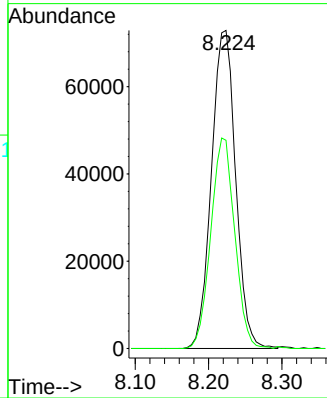


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085299.D
Acq: 23 Dec 2024 17:13

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-1-M

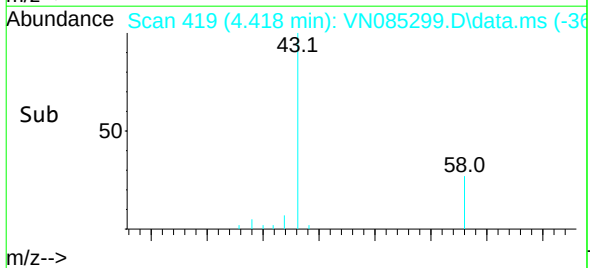
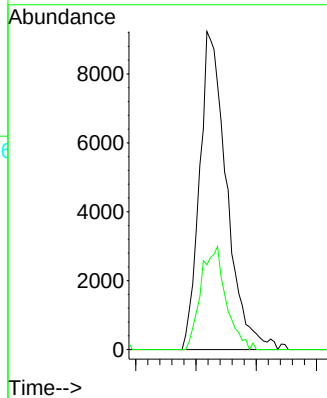
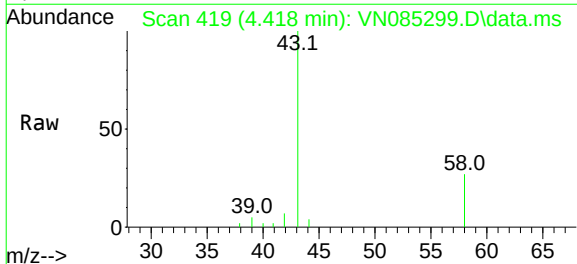


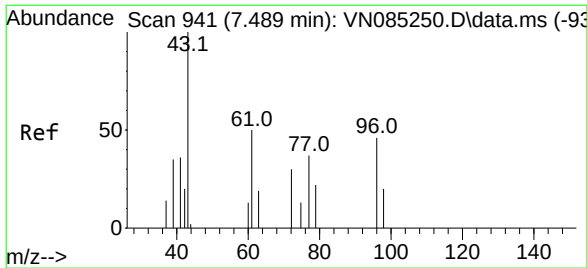
Tgt Ion: 168 Resp: 167201
Ion Ratio Lower Upper
168 100
99 65.5 50.7 76.1



#16
Acetone
Concen: 28.487 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN085299.D
Acq: 23 Dec 2024 17:13

Tgt Ion: 43 Resp: 28737
Ion Ratio Lower Upper
43 100
58 26.7 20.8 31.2





#27

cis-1,2-Dichloroethene

Concen: 6.586 ug/l

RT: 7.483 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN085299.D

Acq: 23 Dec 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-1-M

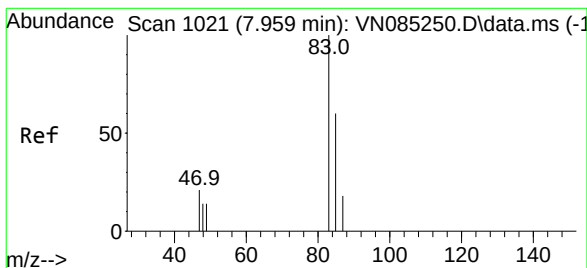
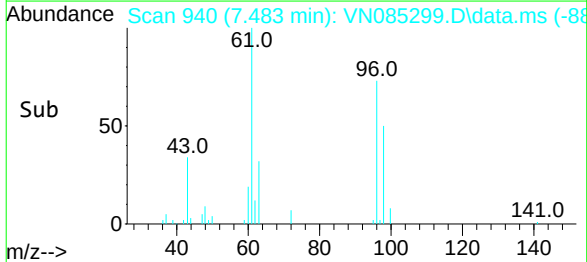
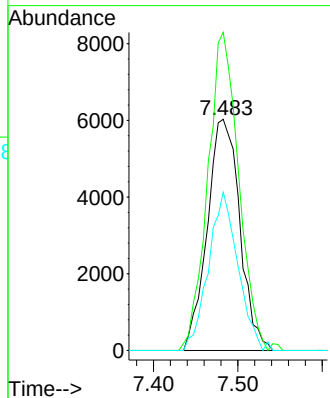
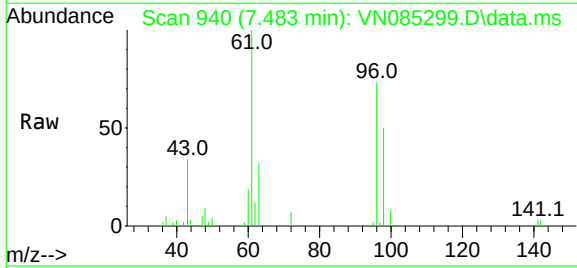
Tgt Ion: 96 Resp: 16134

Ion Ratio Lower Upper

96 100

61 130.6 0.0 316.4

98 62.2 0.0 125.4



#30

Chloroform

Concen: 2.802 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN085299.D

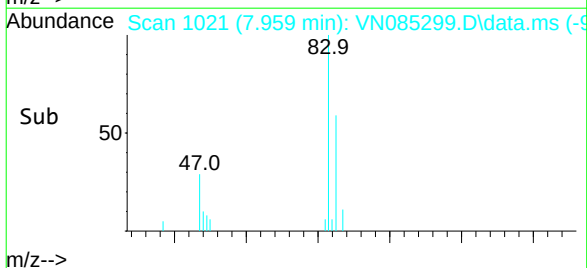
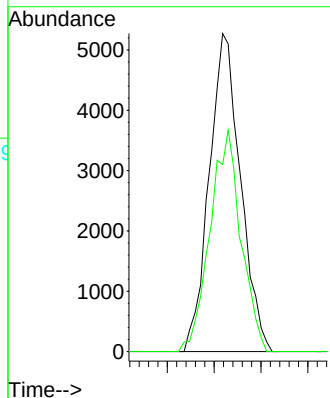
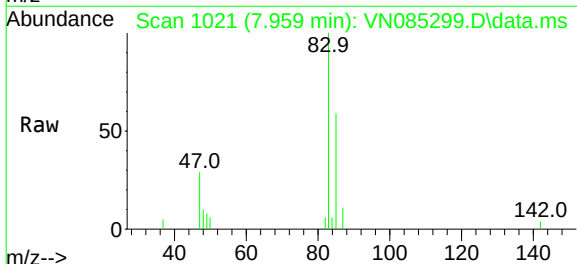
Acq: 23 Dec 2024 17:13

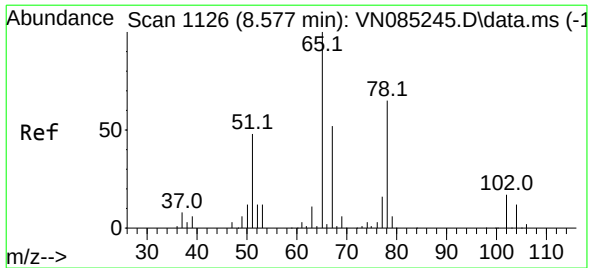
Tgt Ion: 83 Resp: 12221

Ion Ratio Lower Upper

83 100

85 58.8 51.4 77.0

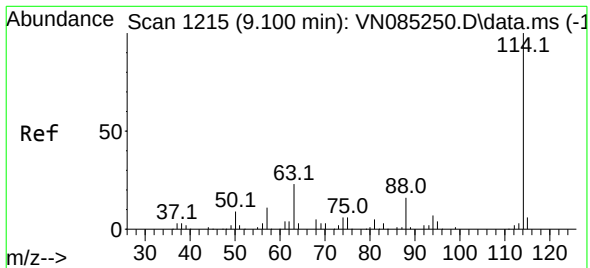
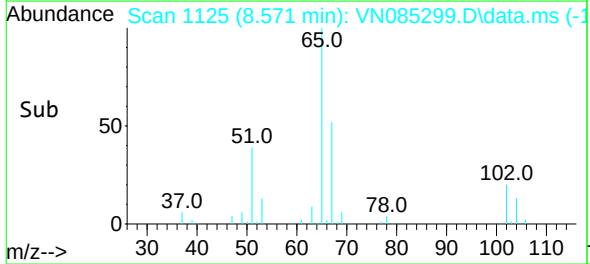
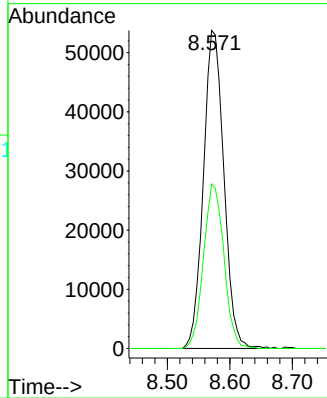
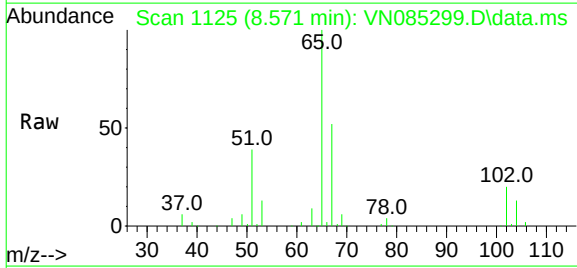




#33
1,2-Dichloroethane-d4
Concen: 41.903 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085299.D
Acq: 23 Dec 2024 17:13

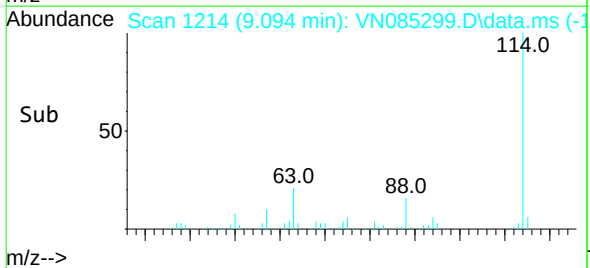
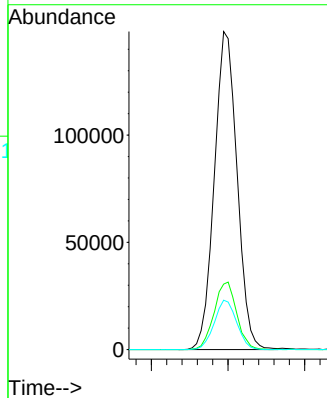
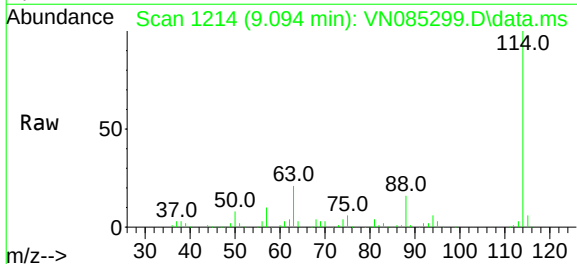
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-1-M

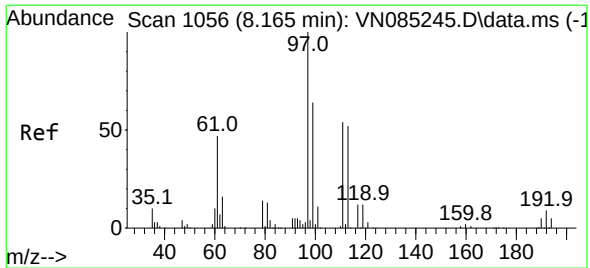
Tgt Ion: 65 Resp: 122457
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085299.D
Acq: 23 Dec 2024 17:13

Tgt Ion: 114 Resp: 305341
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.2
88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 31.465 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN085299.D

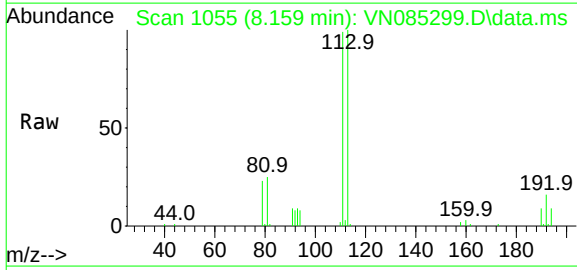
Acq: 23 Dec 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-1-M



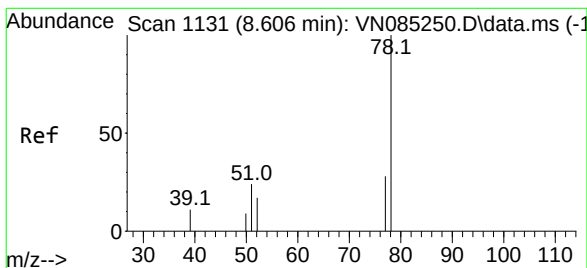
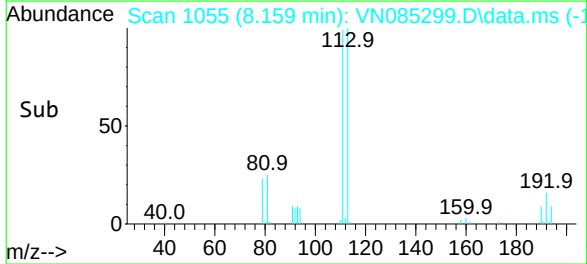
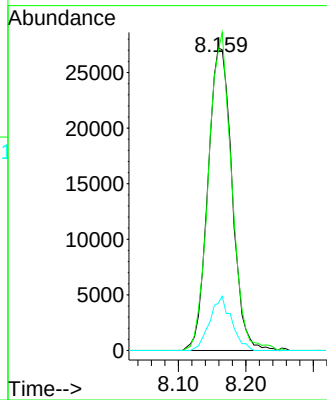
Tgt Ion:113 Resp: 67546

Ion Ratio Lower Upper

113 100

111 101.1 82.1 123.1

192 16.1 13.4 20.0



#40

Benzene

Concen: 4.506 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085299.D

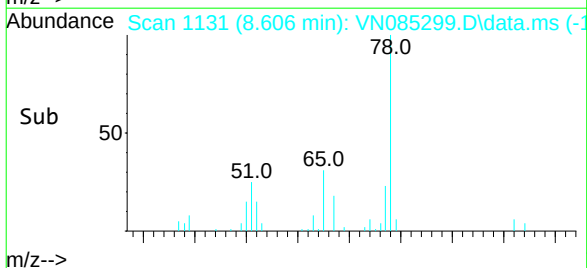
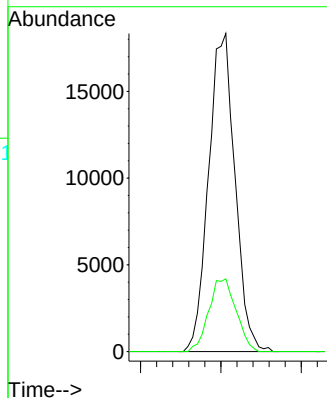
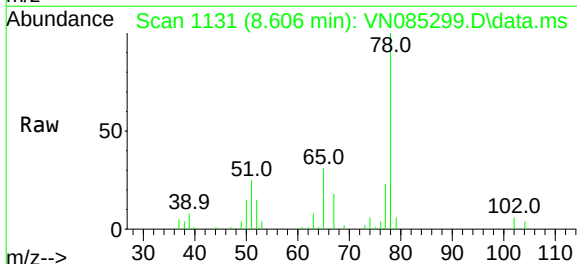
Acq: 23 Dec 2024 17:13

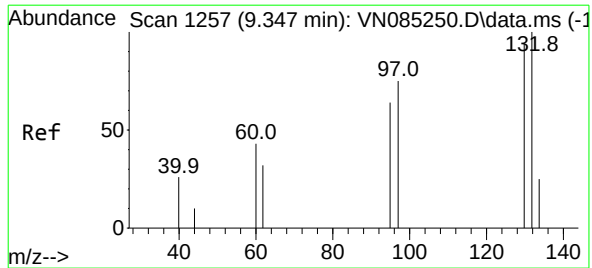
Tgt Ion: 78 Resp: 41907

Ion Ratio Lower Upper

78 100

77 22.9 18.9 28.3





#44

Trichloroethene

Concen: 1.854 ug/l

RT: 9.347 min Scan# 12

Delta R.T. -0.000 min

Lab File: VN085299.D

Acq: 23 Dec 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

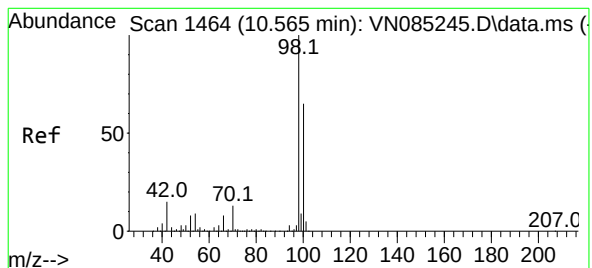
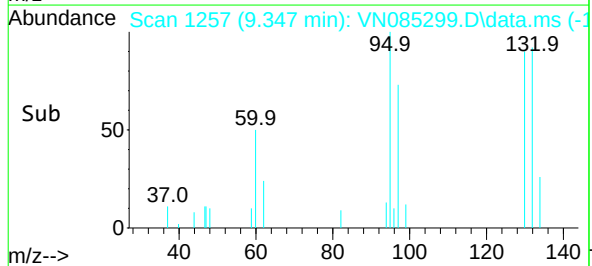
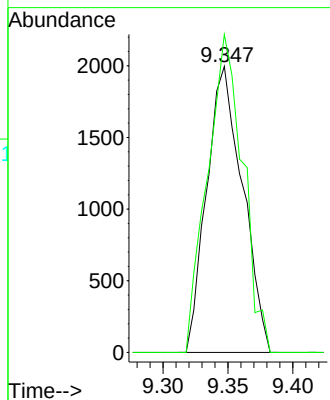
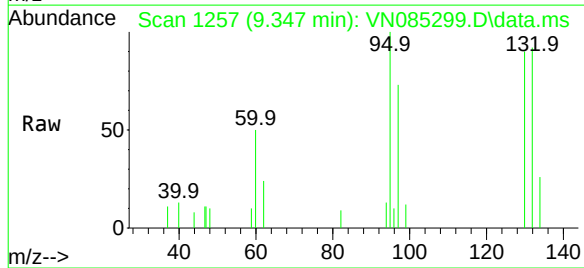
SPLP-C12-1-M

Tgt Ion:130 Resp: 3839

Ion Ratio Lower Upper

130 100

95 111.2 0.0 207.6



#50

Toluene-d8

Concen: 46.874 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085299.D

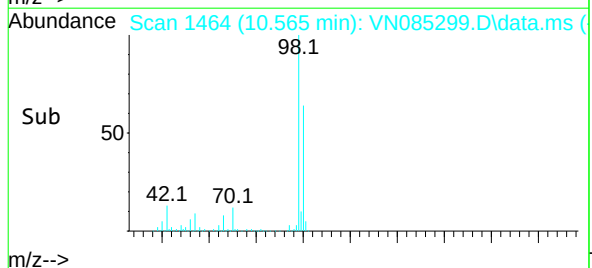
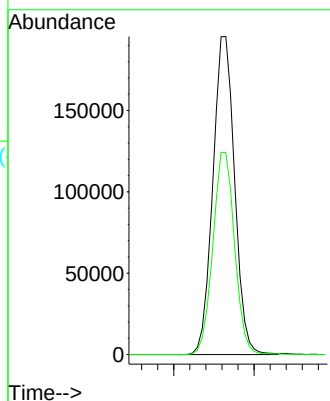
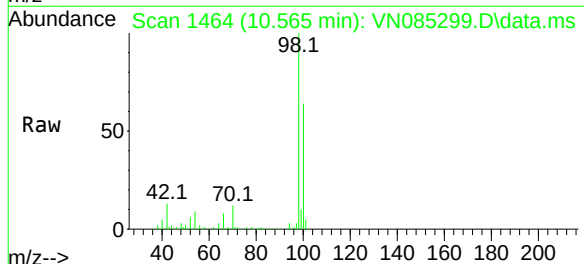
Acq: 23 Dec 2024 17:13

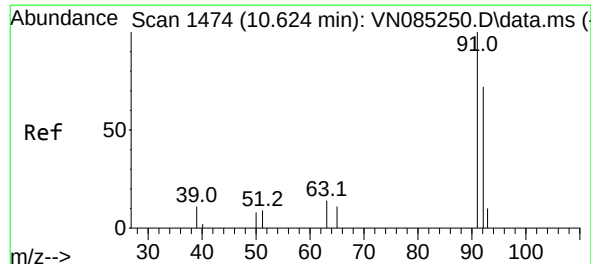
Tgt Ion: 98 Resp: 367777

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4





#52

Toluene

Concen: 5.007 ug/l

RT: 10.629 min Scan# 1474

Delta R.T. -0.000 min

Lab File: VN085299.D

Acq: 23 Dec 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

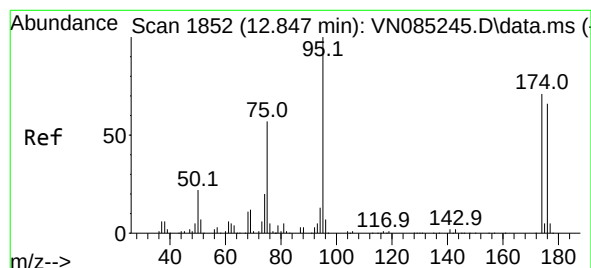
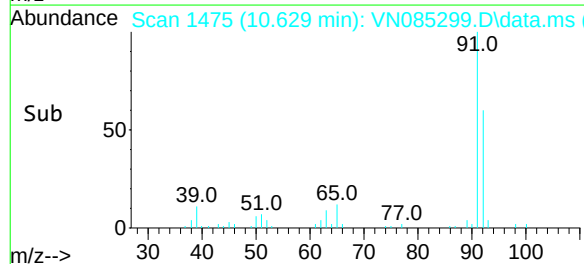
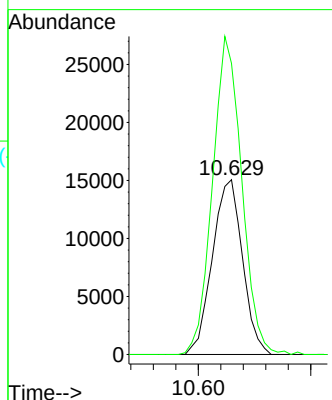
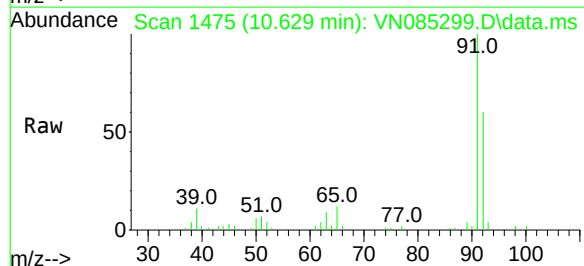
SPLP-C12-1-M

Tgt Ion: 92 Resp: 27995

Ion Ratio Lower Upper

92 100

91 176.7 138.9 208.3



#62

4-Bromofluorobenzene

Concen: 47.524 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085299.D

Acq: 23 Dec 2024 17:13

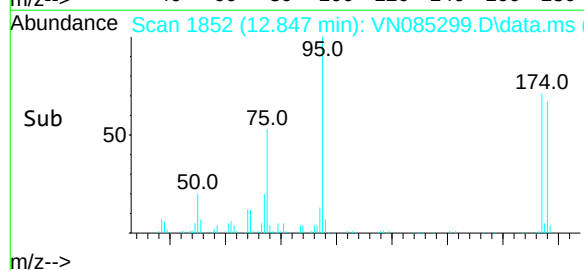
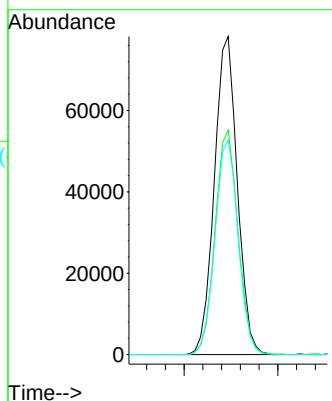
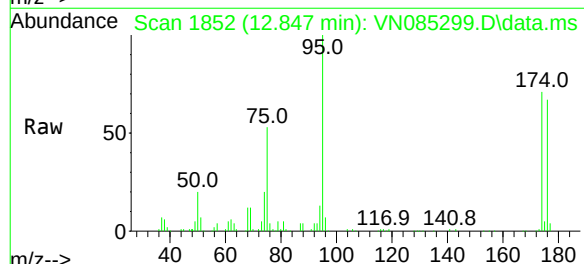
Tgt Ion: 95 Resp: 133182

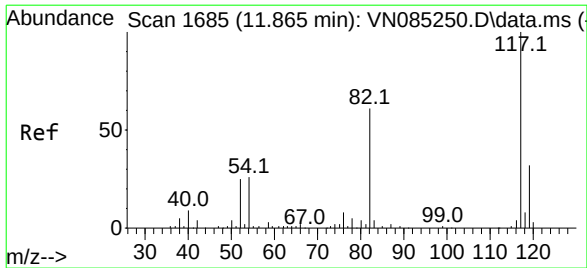
Ion Ratio Lower Upper

95 100

174 70.4 0.0 144.4

176 67.9 0.0 136.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN085299.D

Acq: 23 Dec 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-1-M

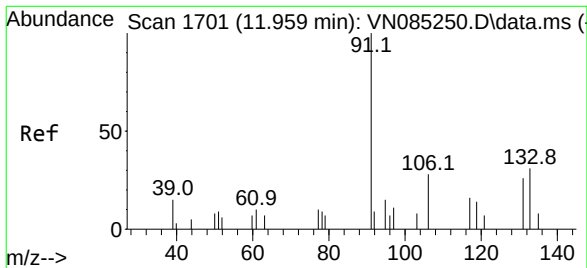
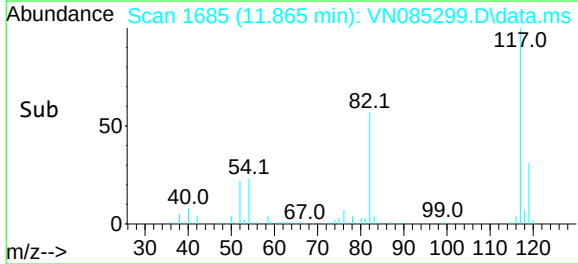
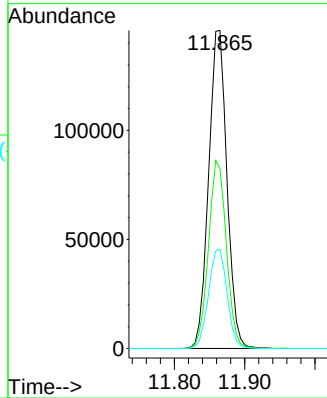
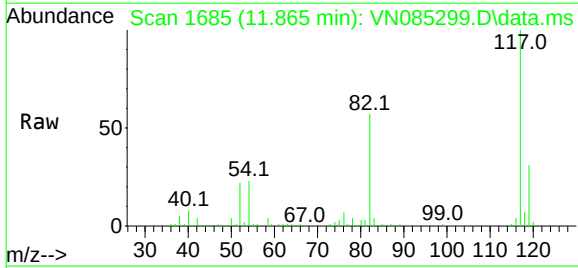
Tgt Ion:117 Resp: 263198

Ion Ratio Lower Upper

117 100

82 56.6 47.4 71.2

119 31.3 25.6 38.4



#67

Ethyl Benzene

Concen: 19.583 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085299.D

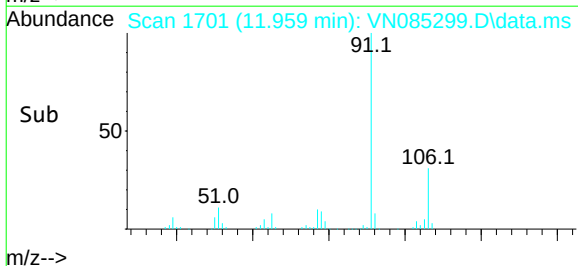
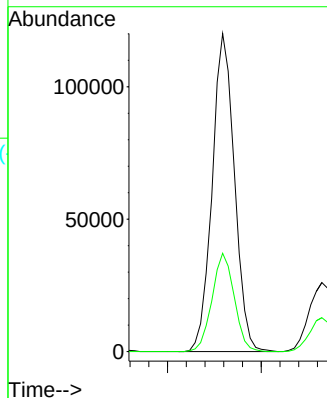
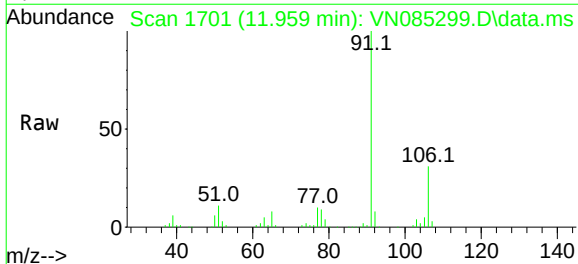
Acq: 23 Dec 2024 17:13

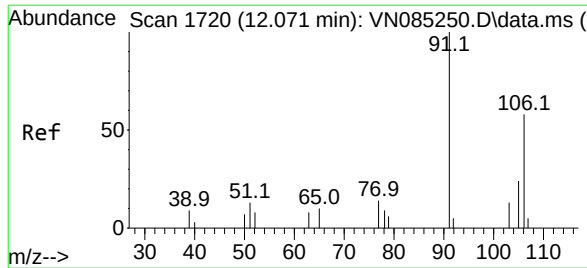
Tgt Ion: 91 Resp: 198585

Ion Ratio Lower Upper

91 100

106 30.9 23.5 35.3





#68

m/p-Xylenes

Concen: 6.581 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085299.D

Acq: 23 Dec 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

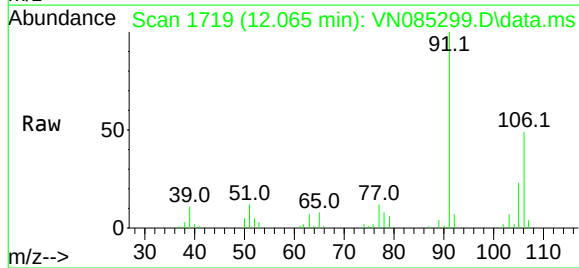
SPLP-C12-1-M

Tgt Ion:106 Resp: 24961

Ion Ratio Lower Upper

106 100

91 209.0 168.3 252.5



Abundance

60000

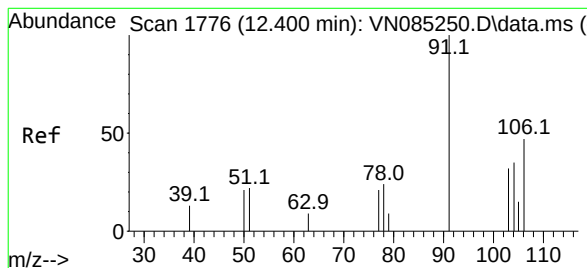
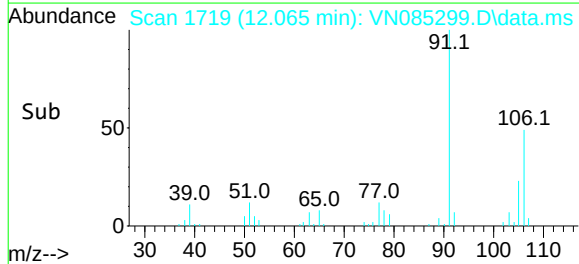
40000

20000

0

12.065

Time-->



#69

o-Xylene

Concen: 6.761 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085299.D

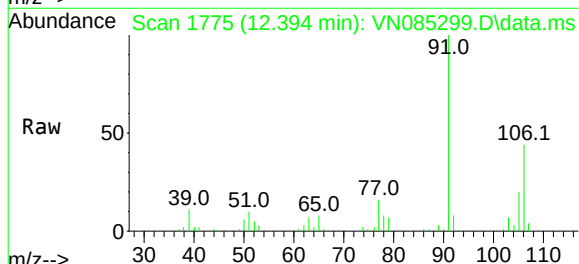
Acq: 23 Dec 2024 17:13

Tgt Ion:106 Resp: 24104

Ion Ratio Lower Upper

106 100

91 221.3 112.1 336.2



Abundance

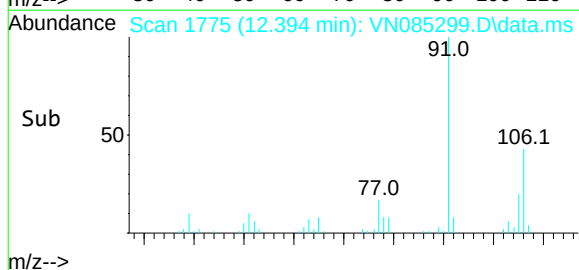
30000

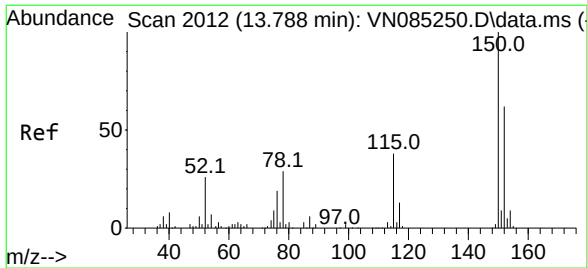
20000

10000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085299.D

Acq: 23 Dec 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-1-M

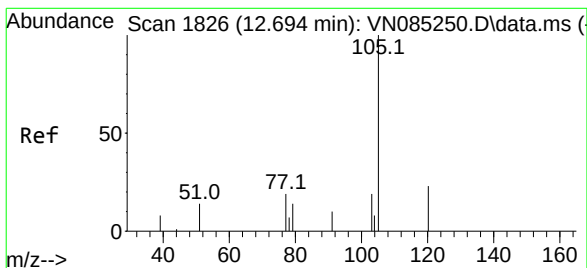
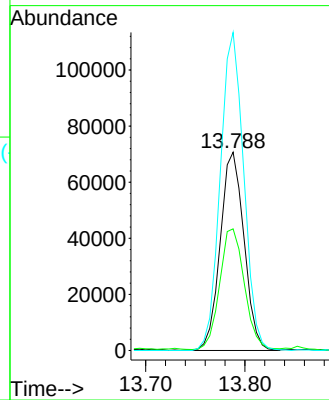
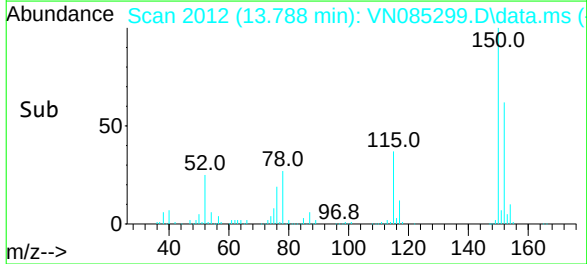
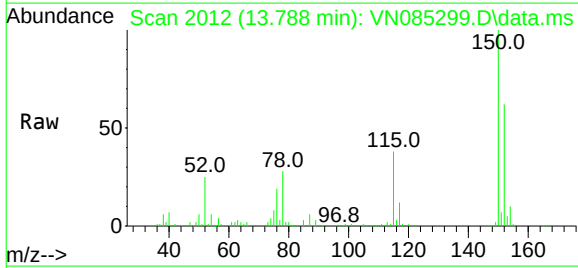
Tgt Ion:152 Resp: 117964

Ion Ratio Lower Upper

152 100

115 62.8 32.1 96.3

150 157.9 0.0 354.6



#73

Isopropylbenzene

Concen: 1.687 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.006 min

Lab File: VN085299.D

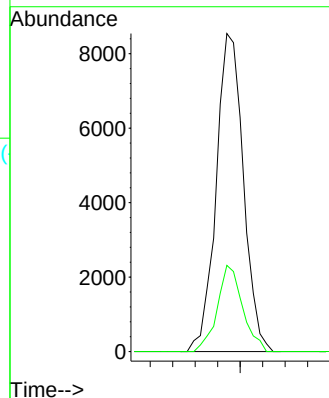
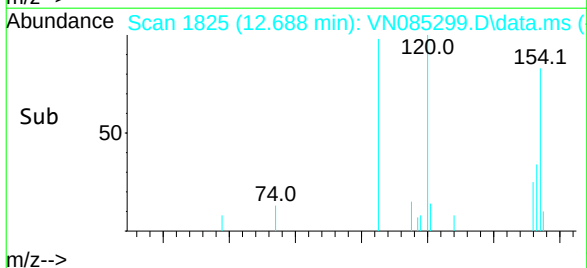
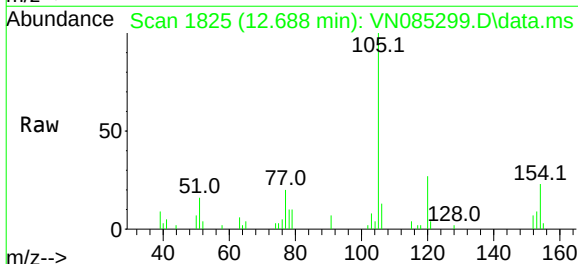
Acq: 23 Dec 2024 17:13

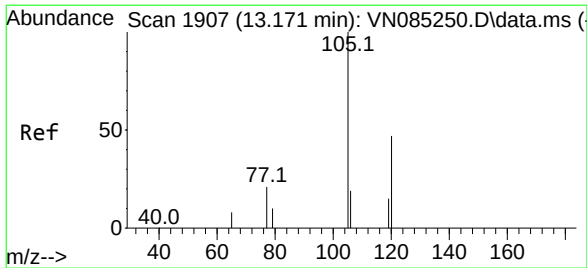
Tgt Ion:105 Resp: 14355

Ion Ratio Lower Upper

105 100

120 25.2 13.0 38.9





#80

1,3,5-Trimethylbenzene

Concen: 1.561 ug/l

RT: 13.165 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085299.D

Acq: 23 Dec 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

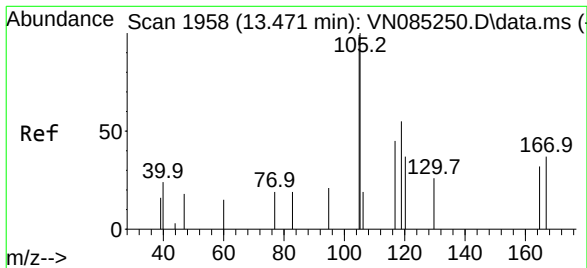
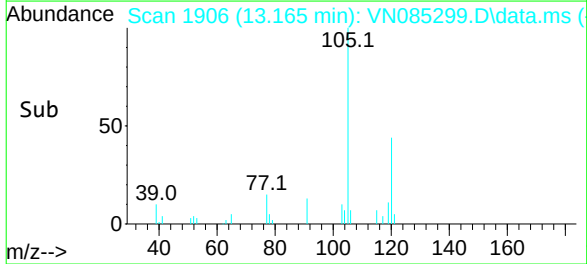
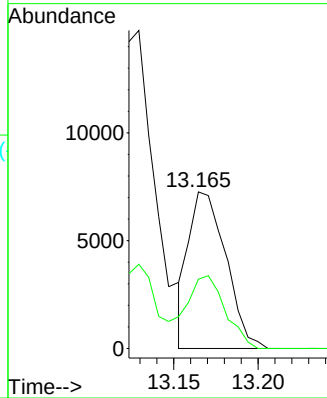
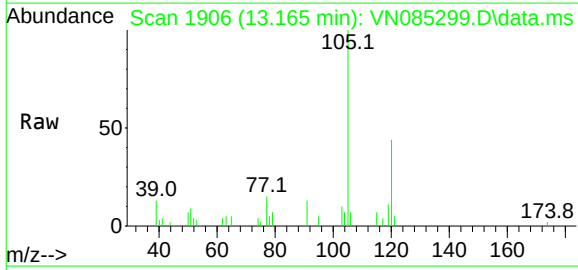
SPLP-C12-1-M

Tgt Ion:105 Resp: 11083

Ion Ratio Lower Upper

105 100

120 49.2 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 6.089 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085299.D

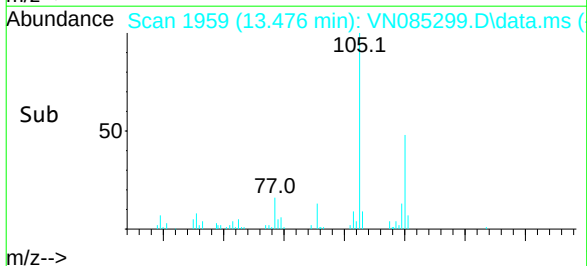
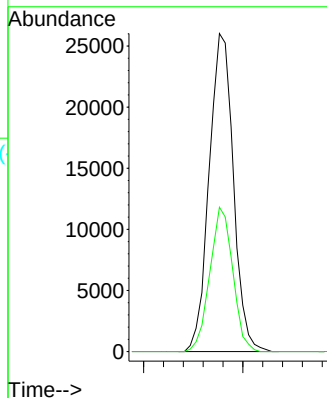
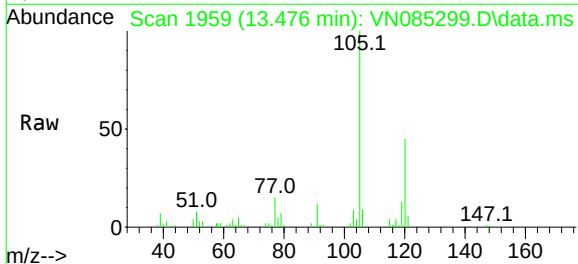
Acq: 23 Dec 2024 17:13

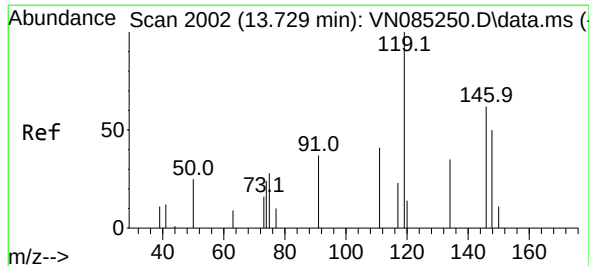
Tgt Ion:105 Resp: 44175

Ion Ratio Lower Upper

105 100

120 42.9 21.8 65.3





#86

p-Isopropyltoluene

Concen: 2.354 ug/l

RT: 13.723 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN085299.D

Acq: 23 Dec 2024 17:13

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-1-M

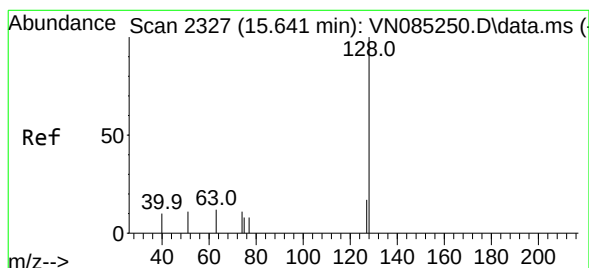
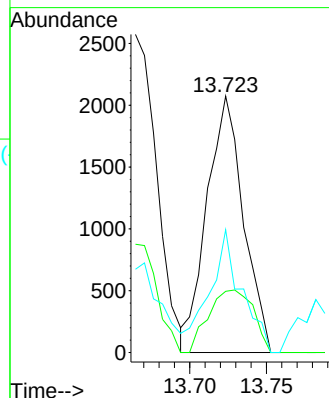
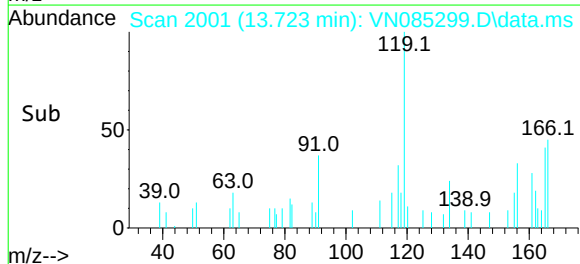
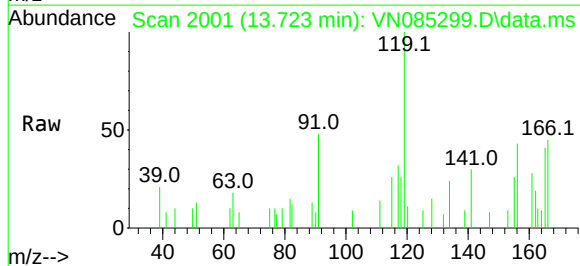
Tgt Ion:119 Resp: 3441

Ion Ratio Lower Upper

119 100

134 29.7 12.5 37.5

91 0.0 13.0 38.9#



#95

Naphthalene

Concen: 410.936 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085299.D

Acq: 23 Dec 2024 17:13

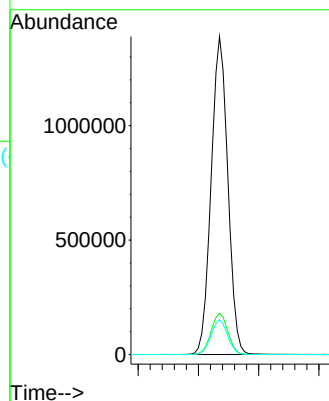
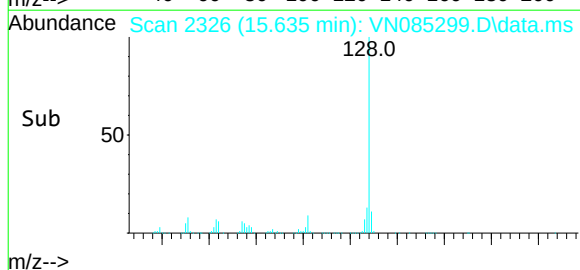
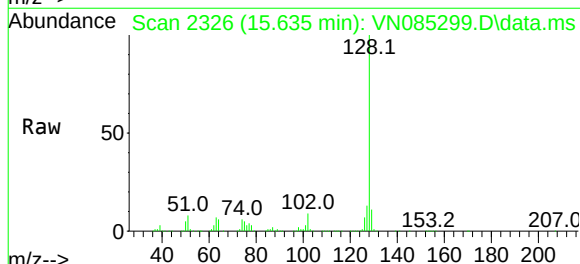
Tgt Ion:128 Resp: 2665897

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.9 8.6 13.0



Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C12-1-MRE	SDG No.:	P5371
Lab Sample ID:	P5371-07RE	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085316.D	1		12/26/24 14:36	VN122624

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	31.6		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	5.20	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	6.60		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	3.00	J	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	4.70	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	5.20		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C12-1-MRE	SDG No.:	P5371
Lab Sample ID:	P5371-07RE	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085316.D	1		12/26/24 14:36	VN122624

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	20.4		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	7.00	J	0.31	10.0	ug/L
95-47-6	o-Xylene	6.70		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	1.80	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	44.2		70 (74) - 130 (125)	88%	SPK: 50
1868-53-7	Dibromofluoromethane	30.2	*	70 (75) - 130 (124)	60%	SPK: 50
2037-26-5	Toluene-d8	47.4		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.0		70 (77) - 130 (121)	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	154000	8.224			
540-36-3	1,4-Difluorobenzene	278000	9.1			
3114-55-4	Chlorobenzene-d5	237000	11.864			
3855-82-1	1,4-Dichlorobenzene-d4	104000	13.788			

Report of Analysis

Client:	ENTACT			Date Collected:	12/20/24		
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	12/20/24		
Client Sample ID:	SPLP-C12-1-MRE			SDG No.:	P5371		
Lab Sample ID:	P5371-07RE			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:	RXI-624	ID :	0.25	Level :	LOW		
Prep Method :							

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085316.D	1		12/26/24 14:36	VN122624

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_N\Data\VN122624\
 Data File : VN085316.D
 Acq On : 26 Dec 2024 14:36
 Operator : JC\MD
 Sample : P5371-07RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C12-1-MRE

Quant Time: Dec 27 00:46:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

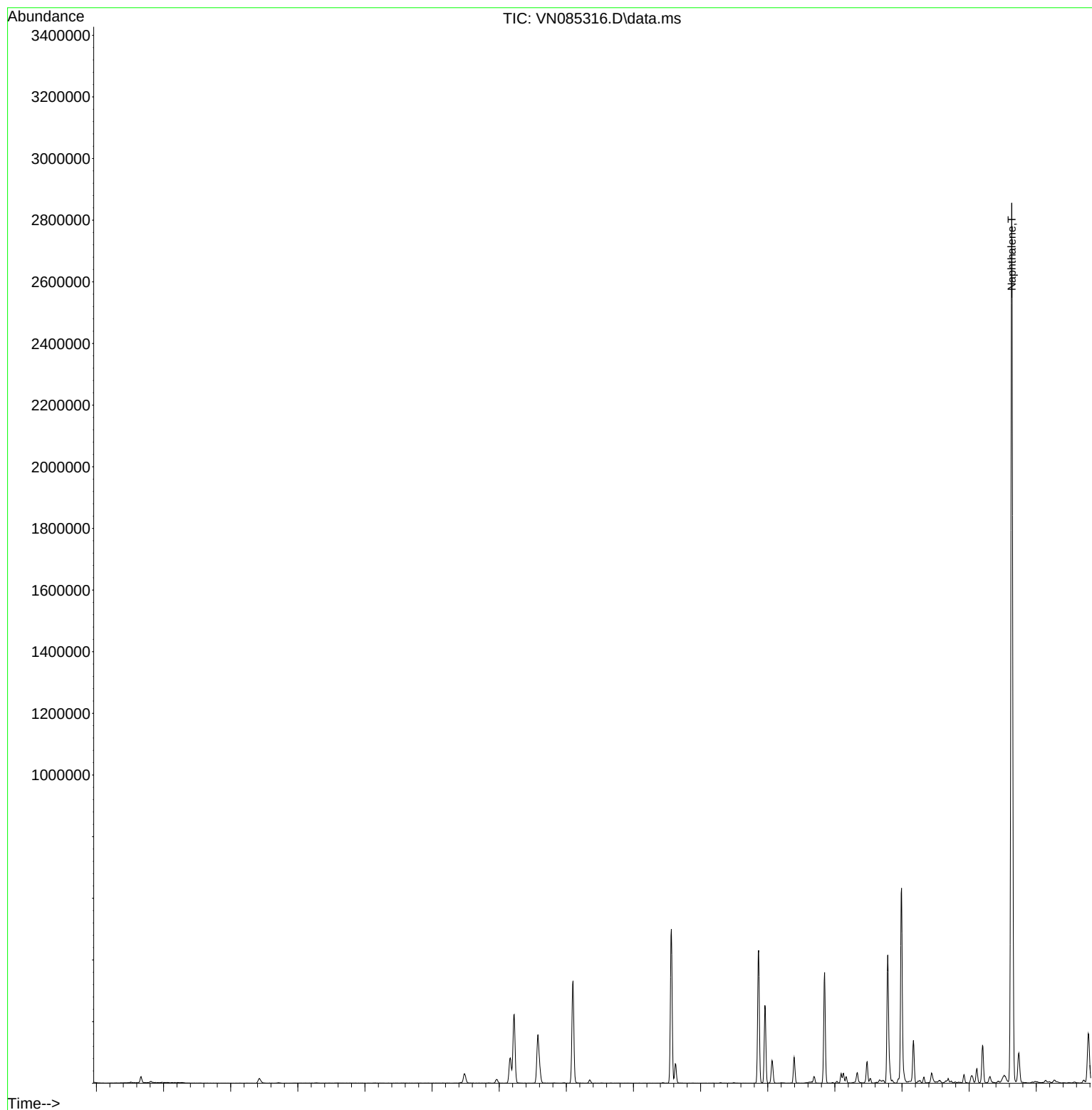
Internal Standards						
1) Pentafluorobenzene	8.224	168	153657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	236786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	118832	44.246	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.500%		
35) Dibromofluoromethane	8.165	113	58947	30.193	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	60.380%#		
50) Toluene-d8	10.565	98	338516	47.439	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.880%		
62) 4-Bromofluorobenzene	12.847	95	117316	46.029	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.060%		
Target Compounds					Qvalue	
16) Acetone	4.424	43	29305	31.611	ug/l	95
25) 2-Butanone	7.482	43	7325	5.160	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	14901	6.619	ug/l	85
30) Chloroform	7.959	83	12027	3.001	ug/l	96
40) Benzene	8.600	78	39971	4.726	ug/l	99
44) Trichloroethene	9.347	130	3741	1.987	ug/l	86
52) Toluene	10.623	92	26621	5.235	ug/l	99
67) Ethyl Benzene	11.959	91	186080	20.397	ug/l	99
68) m/p-Xylenes	12.064	106	23942	7.017	ug/l	97
69) o-Xylene	12.394	106	21455	6.690	ug/l	97
73) Isopropylbenzene	12.694	105	13420	1.780	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	9714	1.545	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	40410	6.288	ug/l	100
86) p-Isopropyltoluene	13.723	119	3068	2.357	ug/l #	63
95) Naphthalene	15.635	128	2487226	432.846	ug/l	99

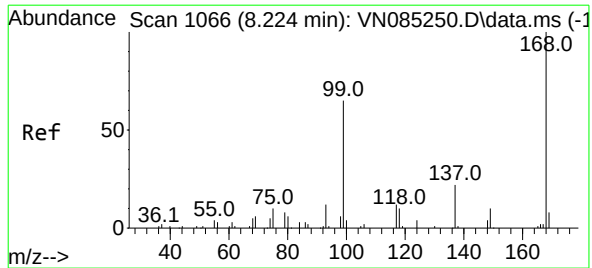
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085316.D
Acq On : 26 Dec 2024 14:36
Operator : JC\MD
Sample : P5371-07RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-1-MRE

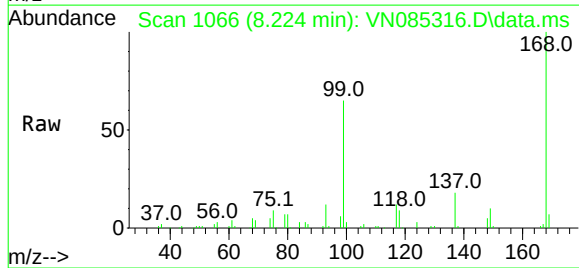
Quant Time: Dec 27 00:46:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



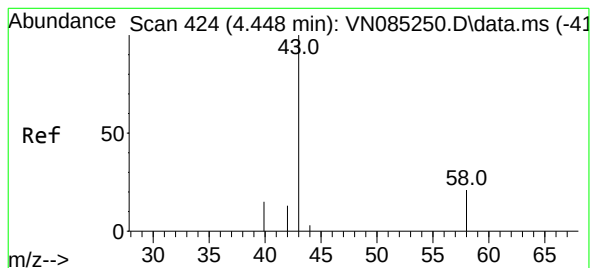
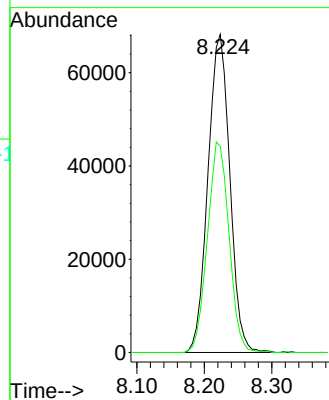
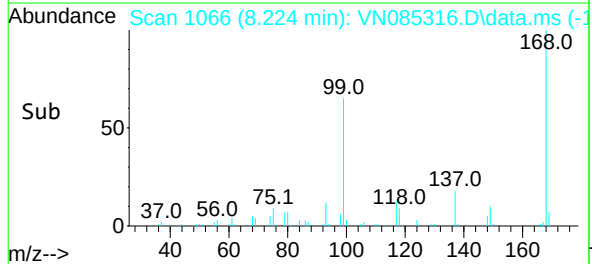


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085316.D
Acq: 26 Dec 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-1-MRE

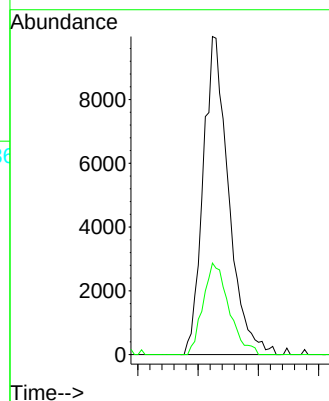
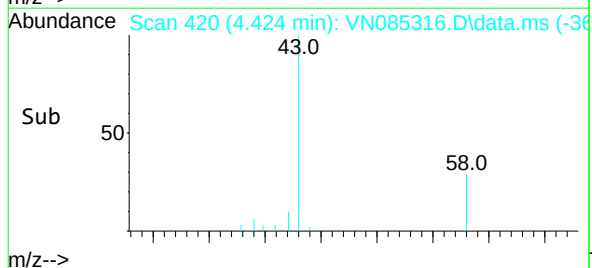
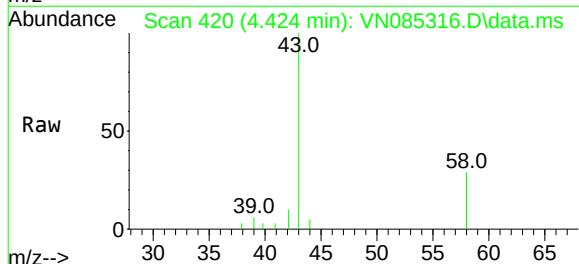


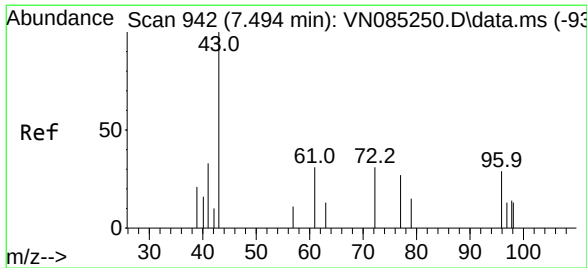
Tgt Ion: 168 Resp: 153657
Ion Ratio Lower Upper
168 100
99 64.7 50.7 76.1



#16
Acetone
Concen: 31.611 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085316.D
Acq: 26 Dec 2024 14:36

Tgt Ion: 43 Resp: 29305
Ion Ratio Lower Upper
43 100
58 28.8 20.8 31.2





#25

2-Butanone

Concen: 5.160 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN085316.D

Acq: 26 Dec 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

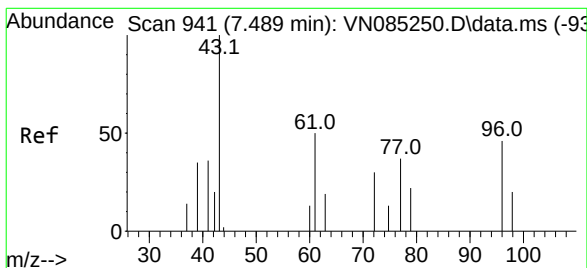
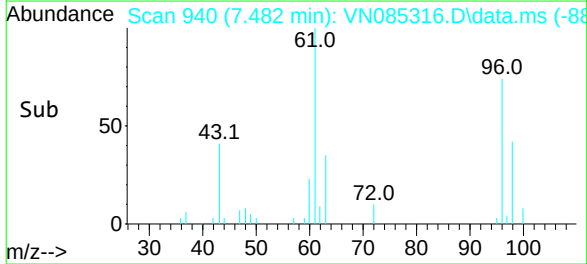
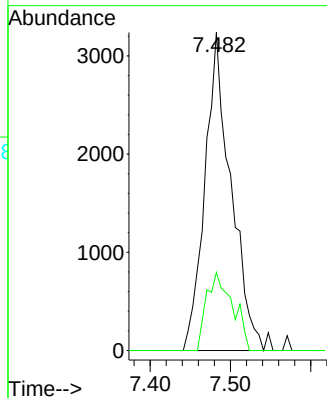
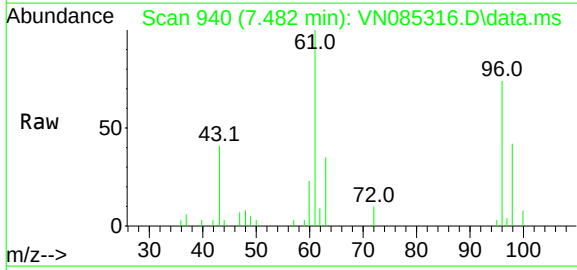
SPLP-C12-1-MRE

Tgt Ion: 43 Resp: 7325

Ion Ratio Lower Upper

43 100

72 24.5 19.6 29.4



#27

cis-1,2-Dichloroethene

Concen: 6.619 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN085316.D

Acq: 26 Dec 2024 14:36

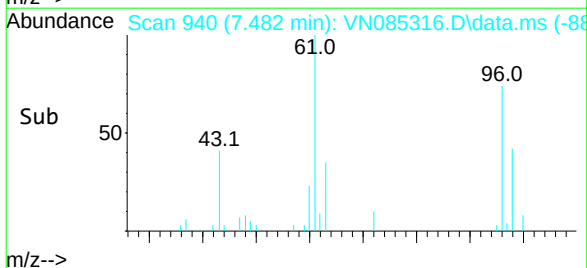
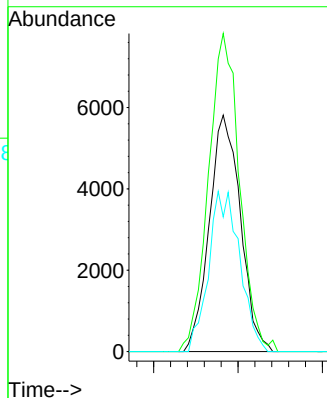
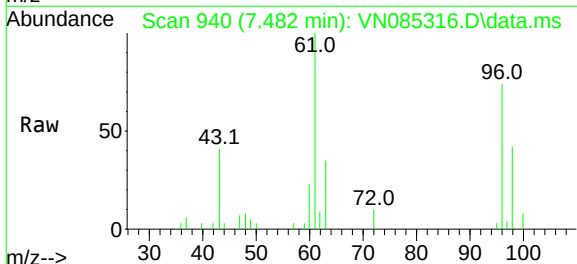
Tgt Ion: 96 Resp: 14901

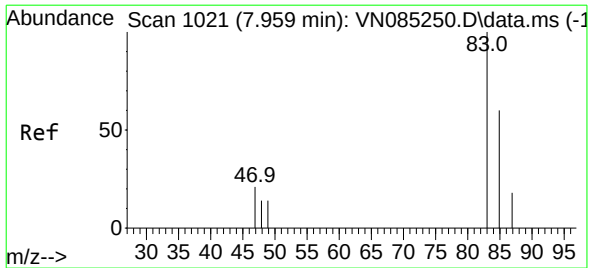
Ion Ratio Lower Upper

96 100

61 134.3 0.0 316.4

98 67.6 0.0 125.4





#30

Chloroform

Concen: 3.001 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN085316.D

Acq: 26 Dec 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

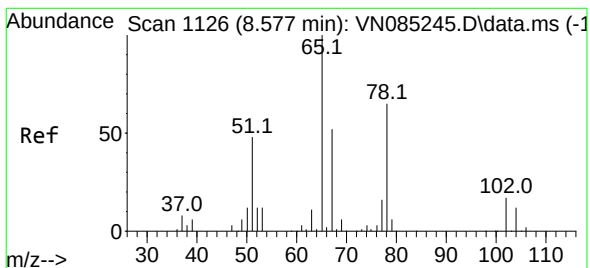
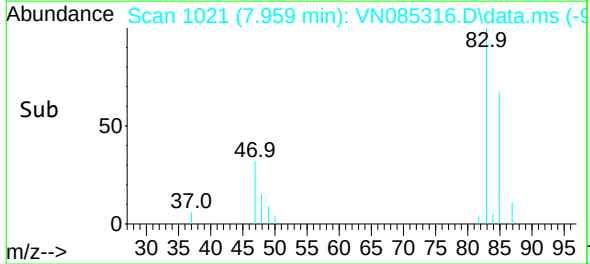
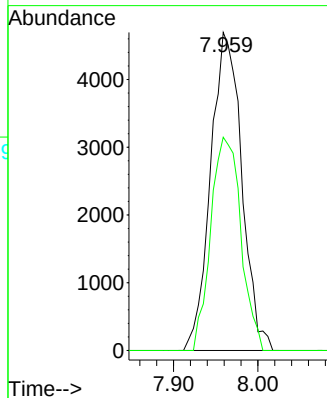
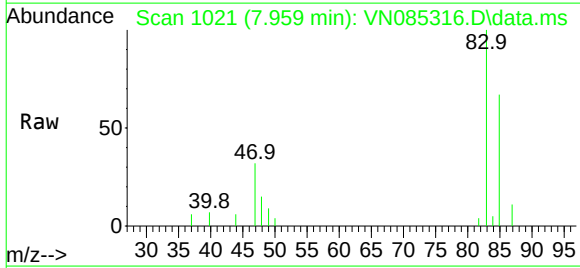
SPLP-C12-1-MRE

Tgt Ion: 83 Resp: 12027

Ion Ratio Lower Upper

83 100

85 67.1 51.4 77.0



#33

1,2-Dichloroethane-d4

Concen: 44.246 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN085316.D

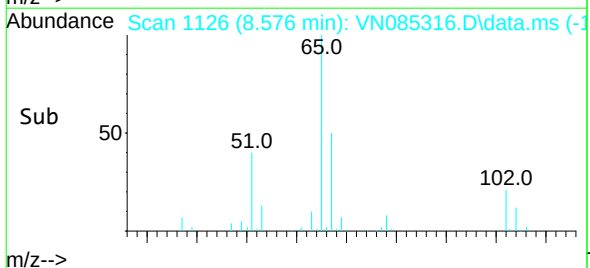
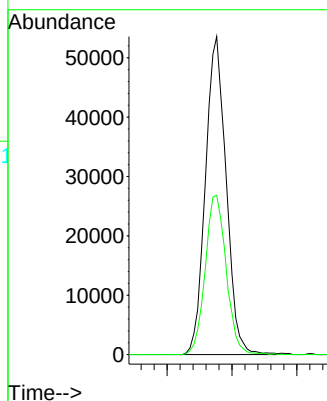
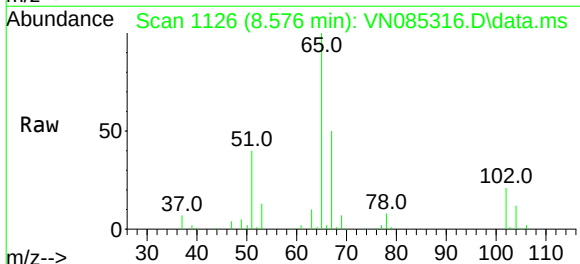
Acq: 26 Dec 2024 14:36

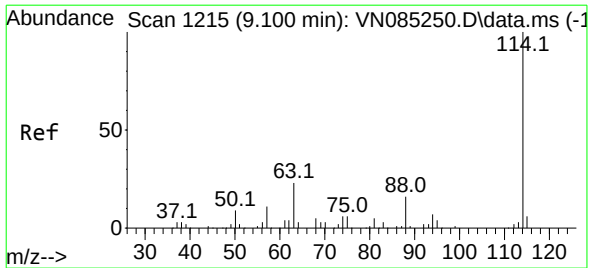
Tgt Ion: 65 Resp: 118832

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN085316.D

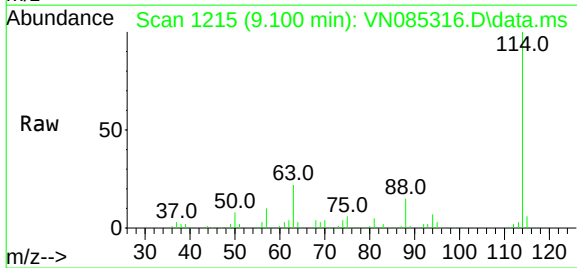
Acq: 26 Dec 2024 14:36

Instrument :

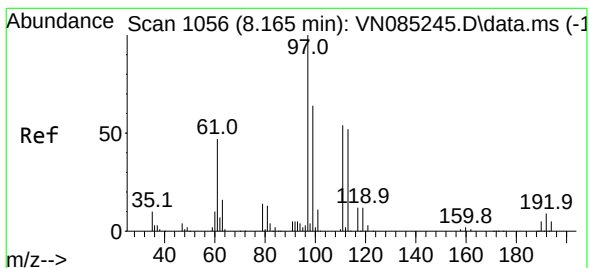
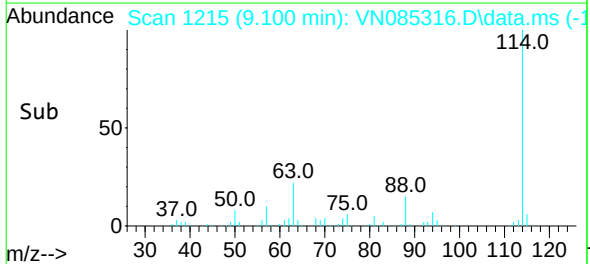
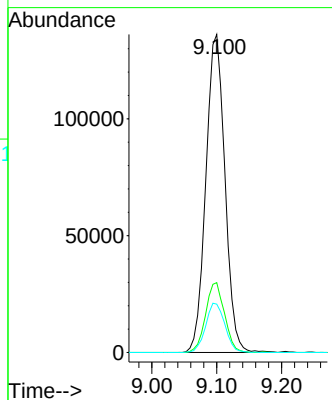
MSVOA_N

ClientSampleId :

SPLP-C12-1-MRE



Tgt Ion:	114	Resp:	277699
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	46.2
88	15.2	0.0	32.6



#35

Dibromofluoromethane

Concen: 30.193 ug/l

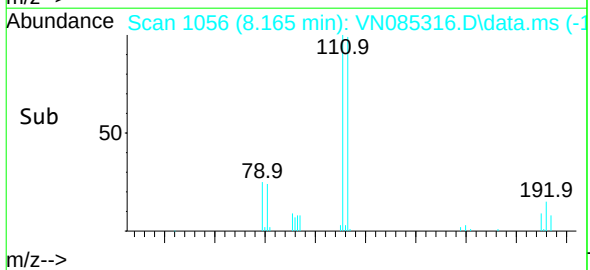
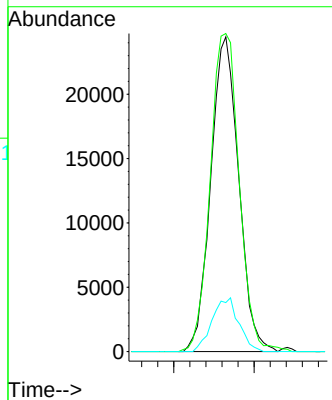
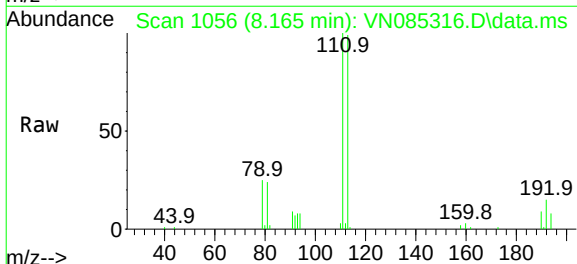
RT: 8.165 min Scan# 1056

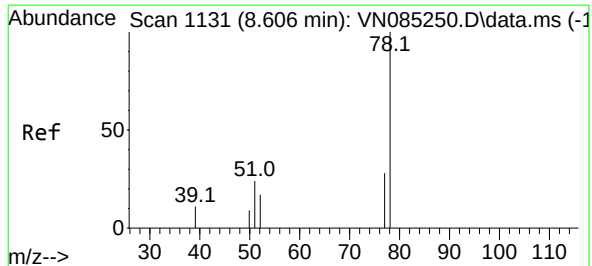
Delta R.T. -0.000 min

Lab File: VN085316.D

Acq: 26 Dec 2024 14:36

Tgt Ion:	113	Resp:	58947
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.1	123.1
192	16.3	13.4	20.0





#40

Benzene

Concen: 4.726 ug/l

RT: 8.600 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN085316.D

Acq: 26 Dec 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

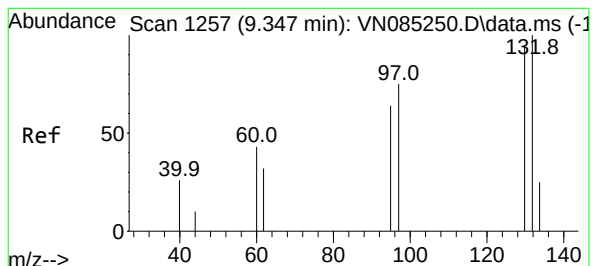
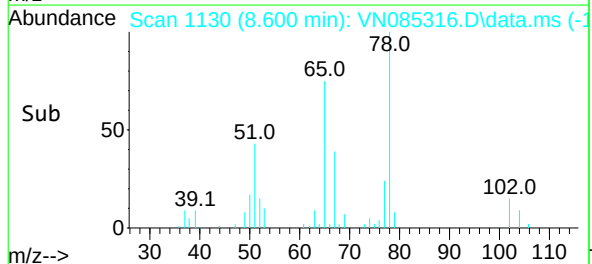
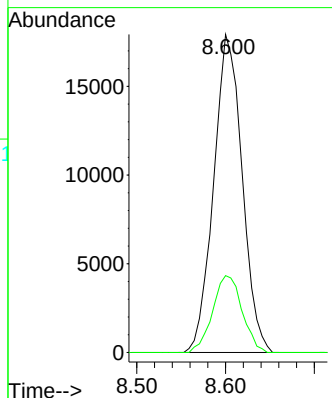
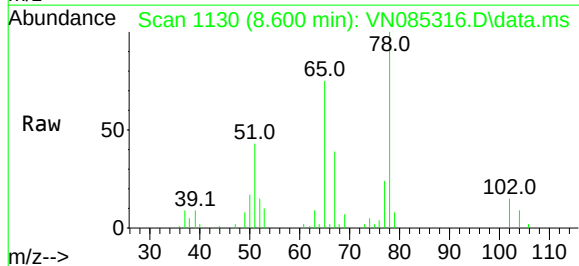
SPLP-C12-1-MRE

Tgt Ion: 78 Resp: 39971

Ion Ratio Lower Upper

78 100

77 24.2 18.9 28.3



#44

Trichloroethene

Concen: 1.987 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085316.D

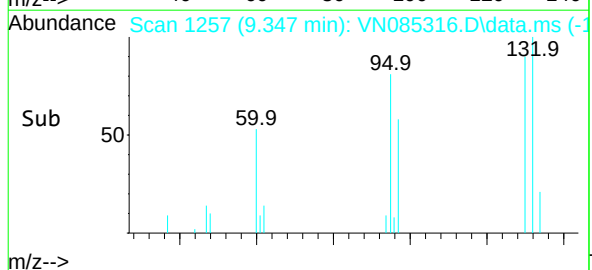
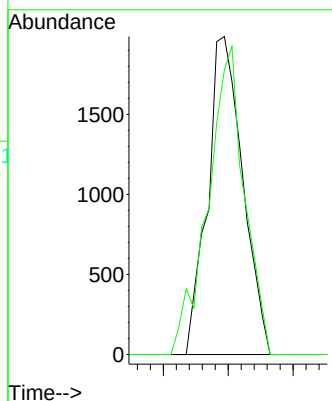
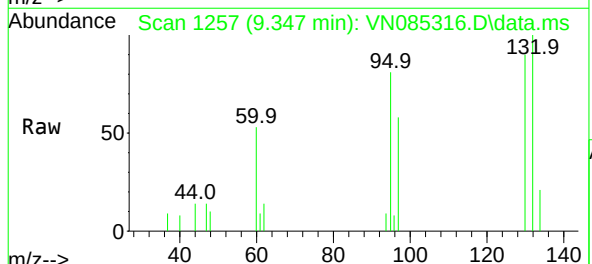
Acq: 26 Dec 2024 14:36

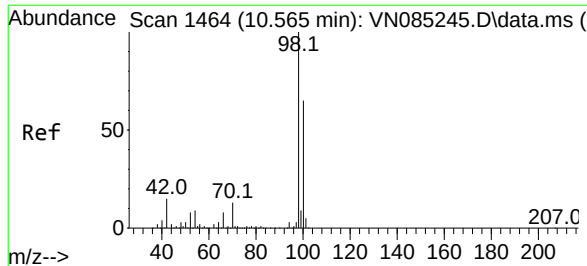
Tgt Ion: 130 Resp: 3741

Ion Ratio Lower Upper

130 100

95 89.4 0.0 207.6





#50

Toluene-d8

Concen: 47.439 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085316.D

Acq: 26 Dec 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

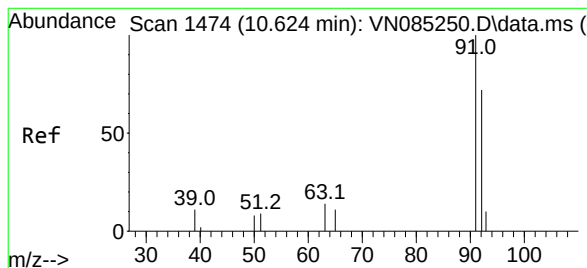
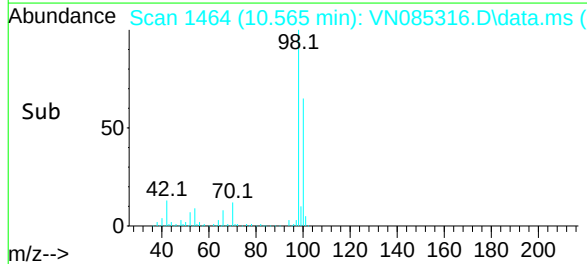
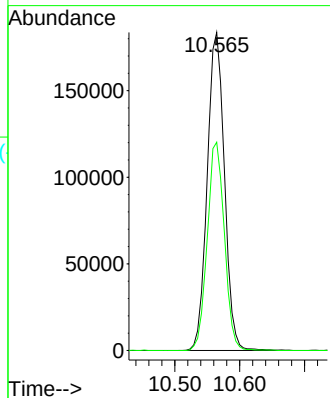
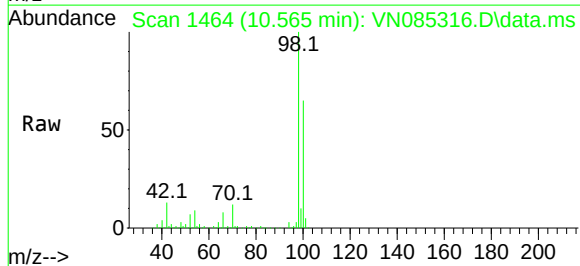
SPLP-C12-1-MRE

Tgt Ion: 98 Resp: 338516

Ion Ratio Lower Upper

98 100

100 65.2 51.6 77.4



#52

Toluene

Concen: 5.235 ug/l

RT: 10.623 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085316.D

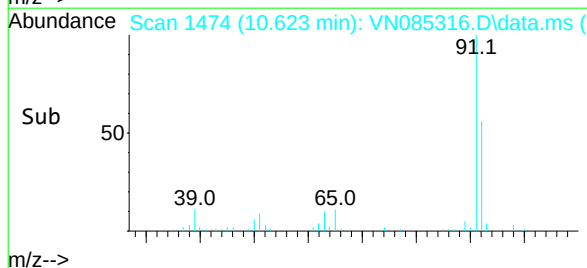
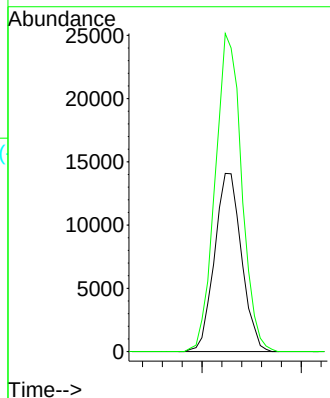
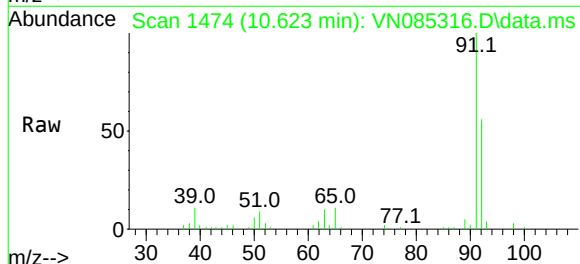
Acq: 26 Dec 2024 14:36

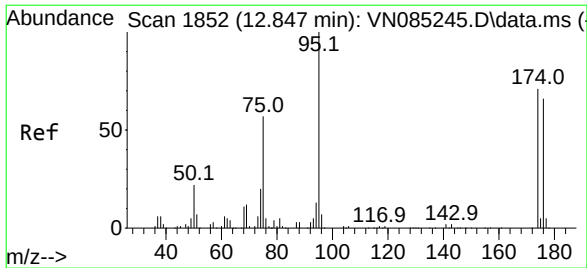
Tgt Ion: 92 Resp: 26621

Ion Ratio Lower Upper

92 100

91 175.1 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 46.029 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085316.D

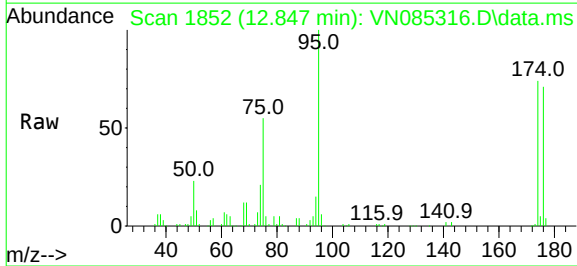
Acq: 26 Dec 2024 14:36

Instrument :

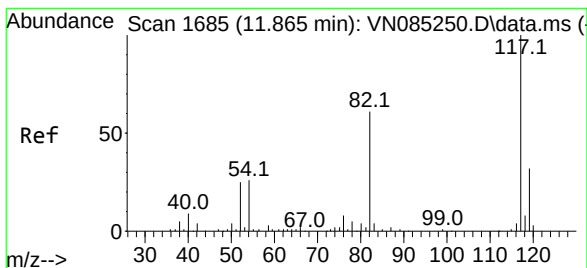
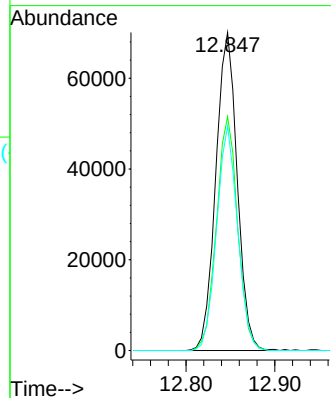
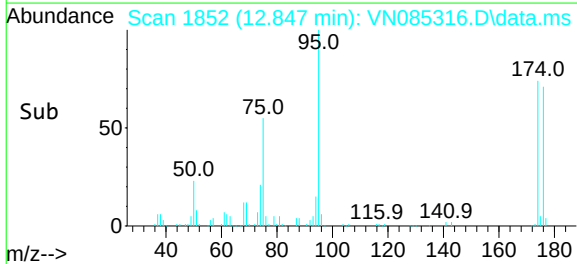
MSVOA_N

ClientSampleId :

SPLP-C12-1-MRE



Tgt Ion:	95	Resp:	117316
Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	144.4
176	69.1	0.0	136.6



#63

Chlorobenzene-d5

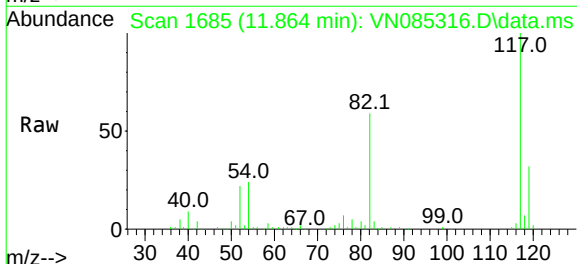
Concen: 50.000 ug/l

RT: 11.864 min Scan# 1685

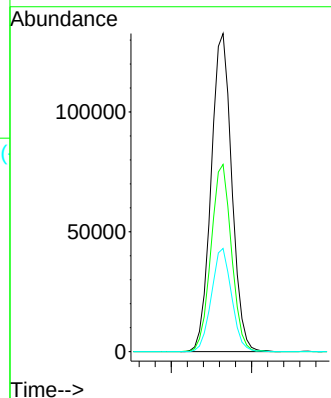
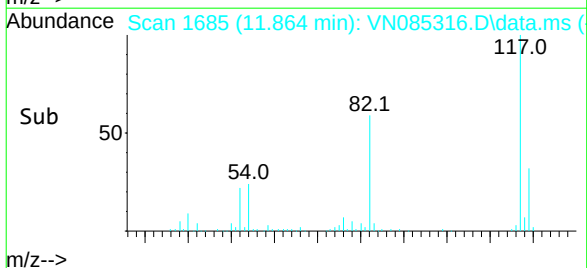
Delta R.T. -0.000 min

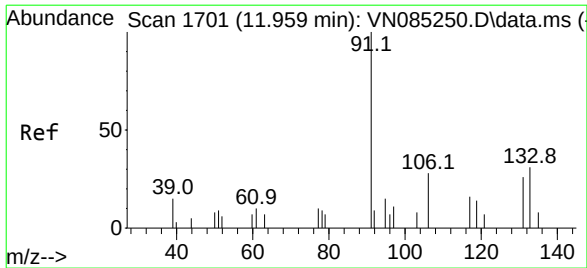
Lab File: VN085316.D

Acq: 26 Dec 2024 14:36



Tgt Ion:	117	Resp:	236786
Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.4	71.2
119	32.4	25.6	38.4





#67

Ethyl Benzene

Concen: 20.397 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085316.D

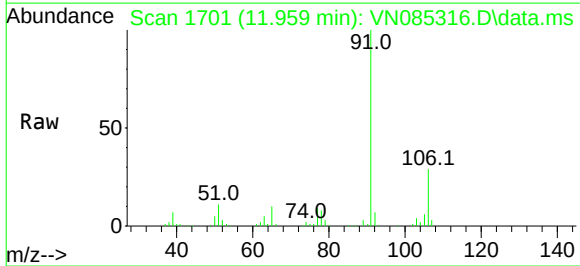
Acq: 26 Dec 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-1-MRE

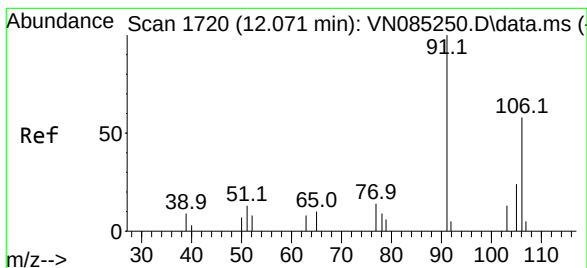
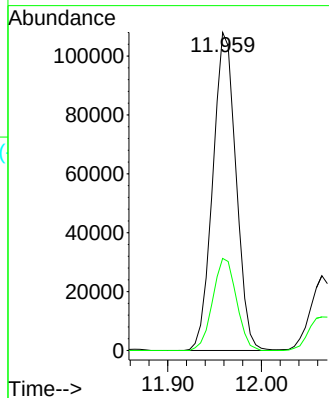
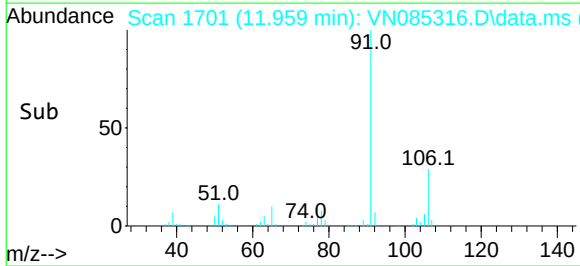


Tgt Ion: 91 Resp: 186080

Ion Ratio Lower Upper

91 100

106 29.0 23.5 35.3



#68

m/p-Xylenes

Concen: 7.017 ug/l

RT: 12.064 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085316.D

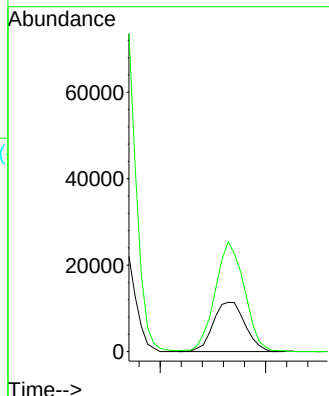
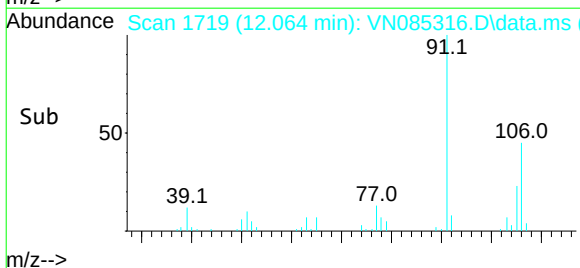
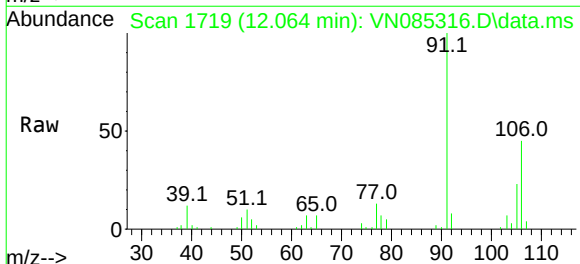
Acq: 26 Dec 2024 14:36

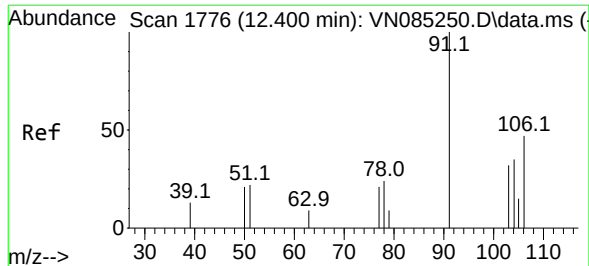
Tgt Ion: 106 Resp: 23942

Ion Ratio Lower Upper

106 100

91 205.2 168.3 252.5





#69

o-Xylene

Concen: 6.690 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085316.D

Acq: 26 Dec 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

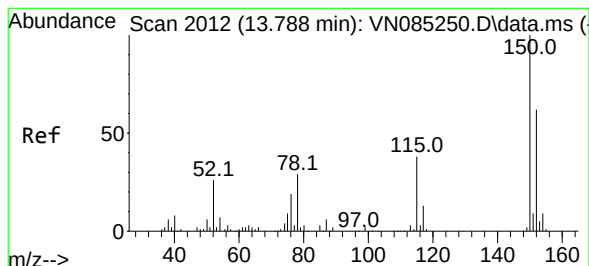
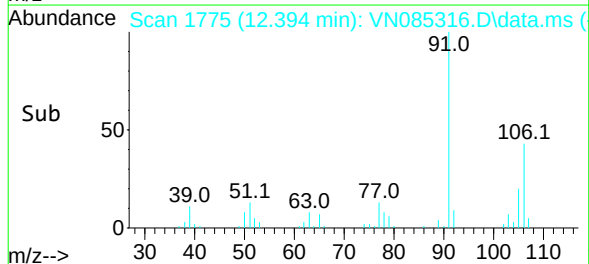
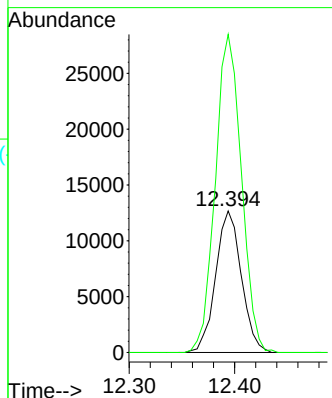
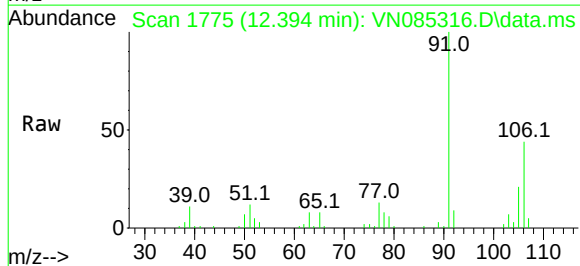
SPLP-C12-1-MRE

Tgt Ion:106 Resp: 21455

Ion Ratio Lower Upper

106 100

91 228.5 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085316.D

Acq: 26 Dec 2024 14:36

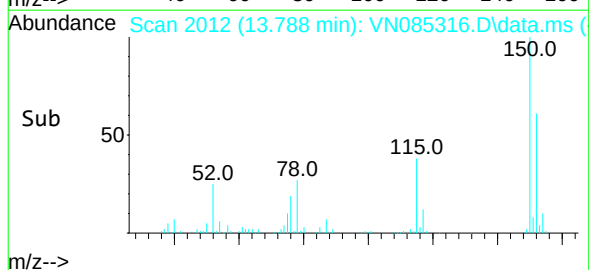
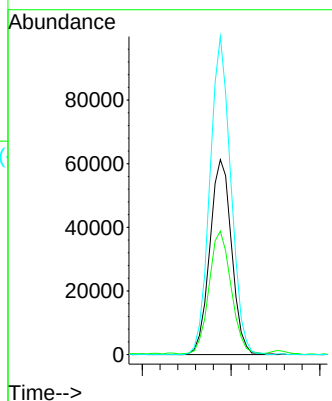
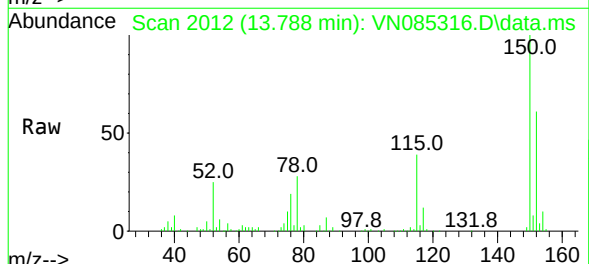
Tgt Ion:152 Resp: 104487

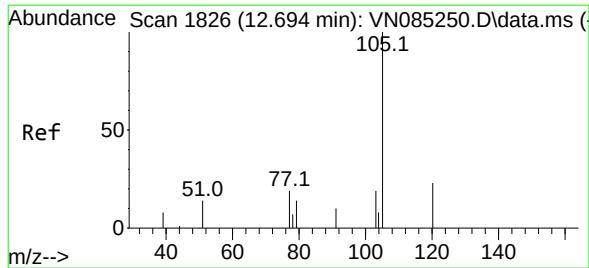
Ion Ratio Lower Upper

152 100

115 63.4 32.1 96.3

150 156.5 0.0 354.6





#73

Isopropylbenzene

Concen: 1.780 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085316.D

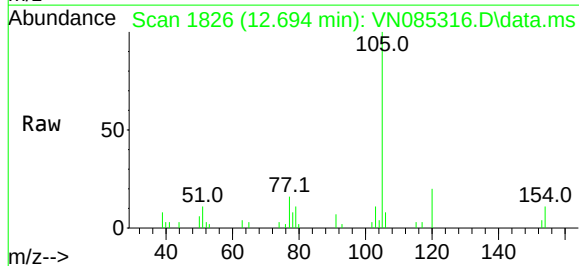
Acq: 26 Dec 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-1-MRE

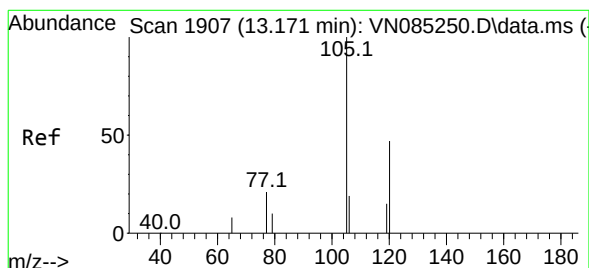
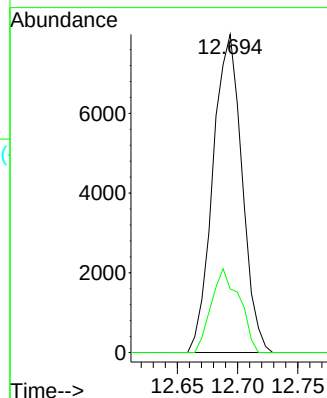
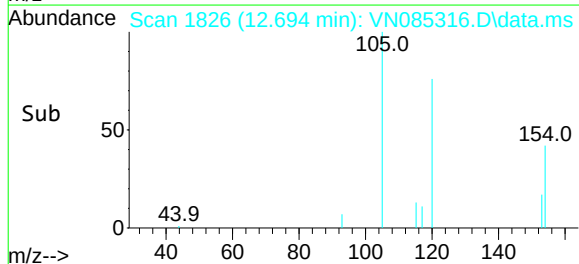


Tgt Ion:105 Resp: 13420

Ion Ratio Lower Upper

105 100

120 25.4 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.545 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085316.D

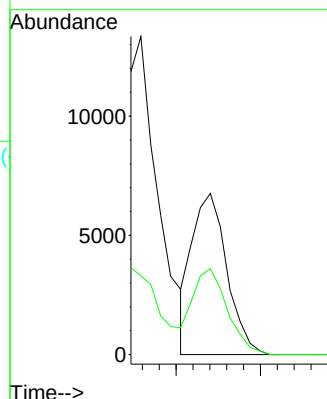
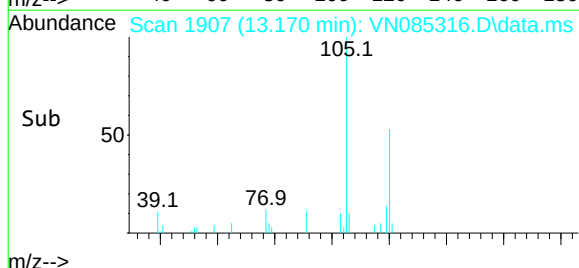
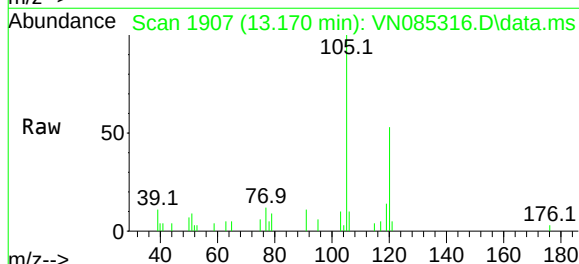
Acq: 26 Dec 2024 14:36

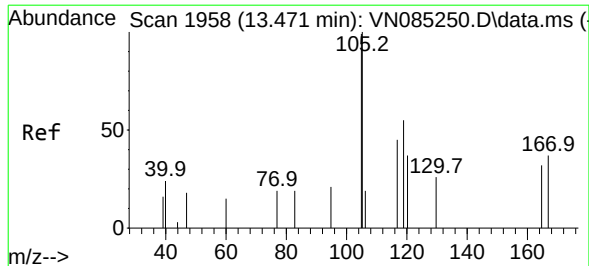
Tgt Ion:105 Resp: 9714

Ion Ratio Lower Upper

105 100

120 53.4 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 6.288 ug/l

RT: 13.482 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085316.D

Acq: 26 Dec 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

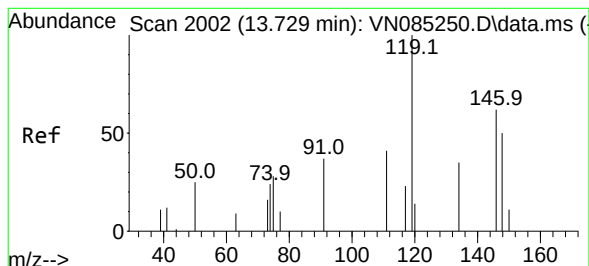
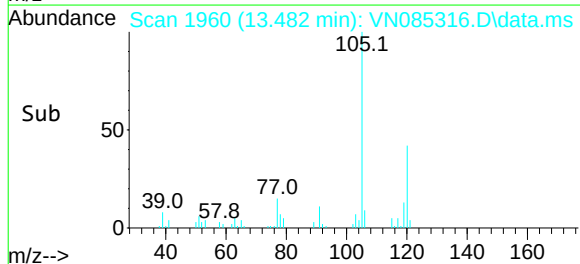
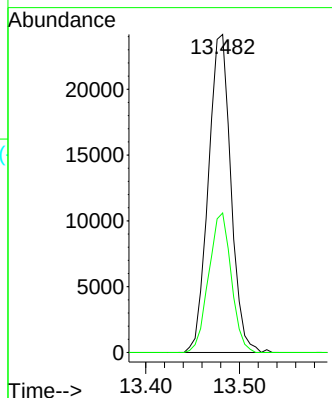
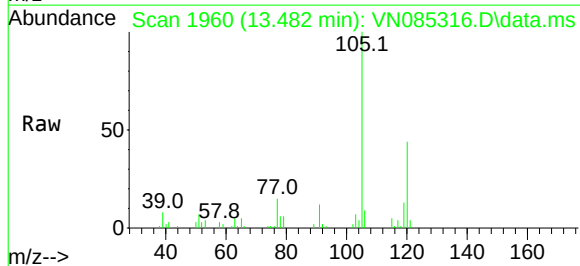
SPLP-C12-1-MRE

Tgt Ion:105 Resp: 40410

Ion Ratio Lower Upper

105 100

120 43.8 21.8 65.3



#86

p-Isopropyltoluene

Concen: 2.357 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085316.D

Acq: 26 Dec 2024 14:36

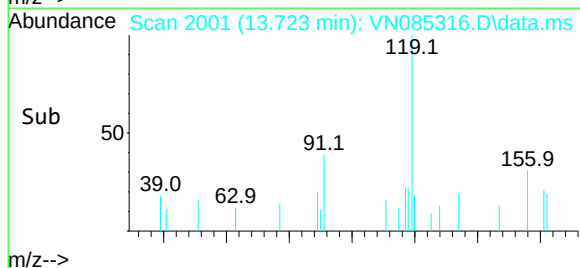
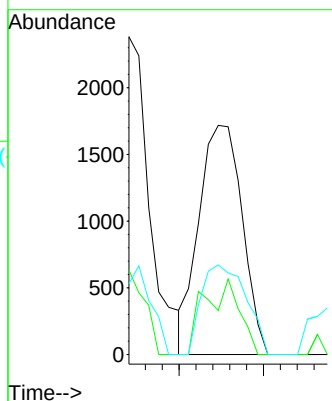
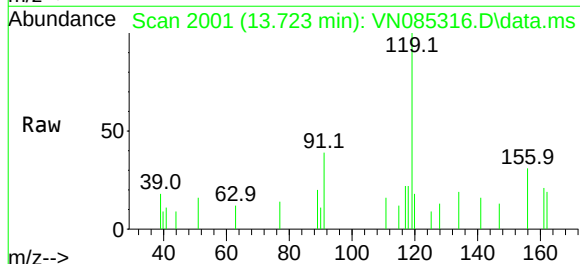
Tgt Ion:119 Resp: 3068

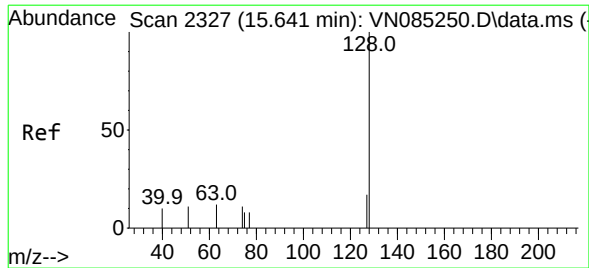
Ion Ratio Lower Upper

119 100

134 14.0 12.5 37.5

91 0.0 13.0 38.9#





#95

Naphthalene

Concen: 432.846 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085316.D

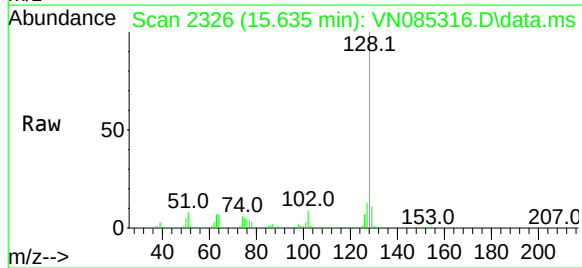
Acq: 26 Dec 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-1-MRE



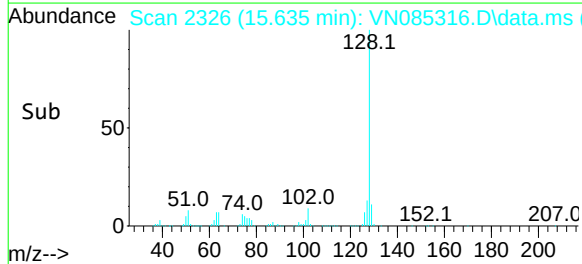
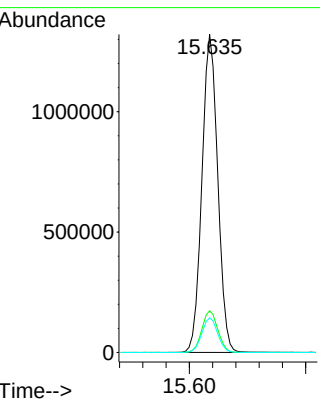
Tgt Ion:128 Resp: 2487226

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.0	8.6	13.0

128

127

129



Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C12-2-M		SDG No.:	P5371	
Lab Sample ID:	P5371-08		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085300.D	1		12/23/24 17:36	VN122324

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	20.7	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	5.50		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	3.00	J	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	9.60		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	1.10	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	15.0		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C12-2-M	SDG No.:	P5371
Lab Sample ID:	P5371-08	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085300.D	1		12/23/24 17:36	VN122324

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	75.3		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	23.6		0.31	10.0	ug/L
95-47-6	o-Xylene	22.1		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	42.7		70 (74) - 130 (125)	85%	SPK: 50
1868-53-7	Dibromofluoromethane	30.9	*	70 (75) - 130 (124)	62%	SPK: 50
2037-26-5	Toluene-d8	47.5		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.1		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	163000	8.218			
540-36-3	1,4-Difluorobenzene	295000	9.094			
3114-55-4	Chlorobenzene-d5	258000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	119000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C12-2-M		SDG No.:	P5371	
Lab Sample ID:	P5371-08		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085300.D	1		12/23/24 17:36	VN122324

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_N\Data\VN122324\
 Data File : VN085300.D
 Acq On : 23 Dec 2024 17:36
 Operator : JC\MD
 Sample : P5371-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C12-2-M

Quant Time: Dec 24 04:14:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

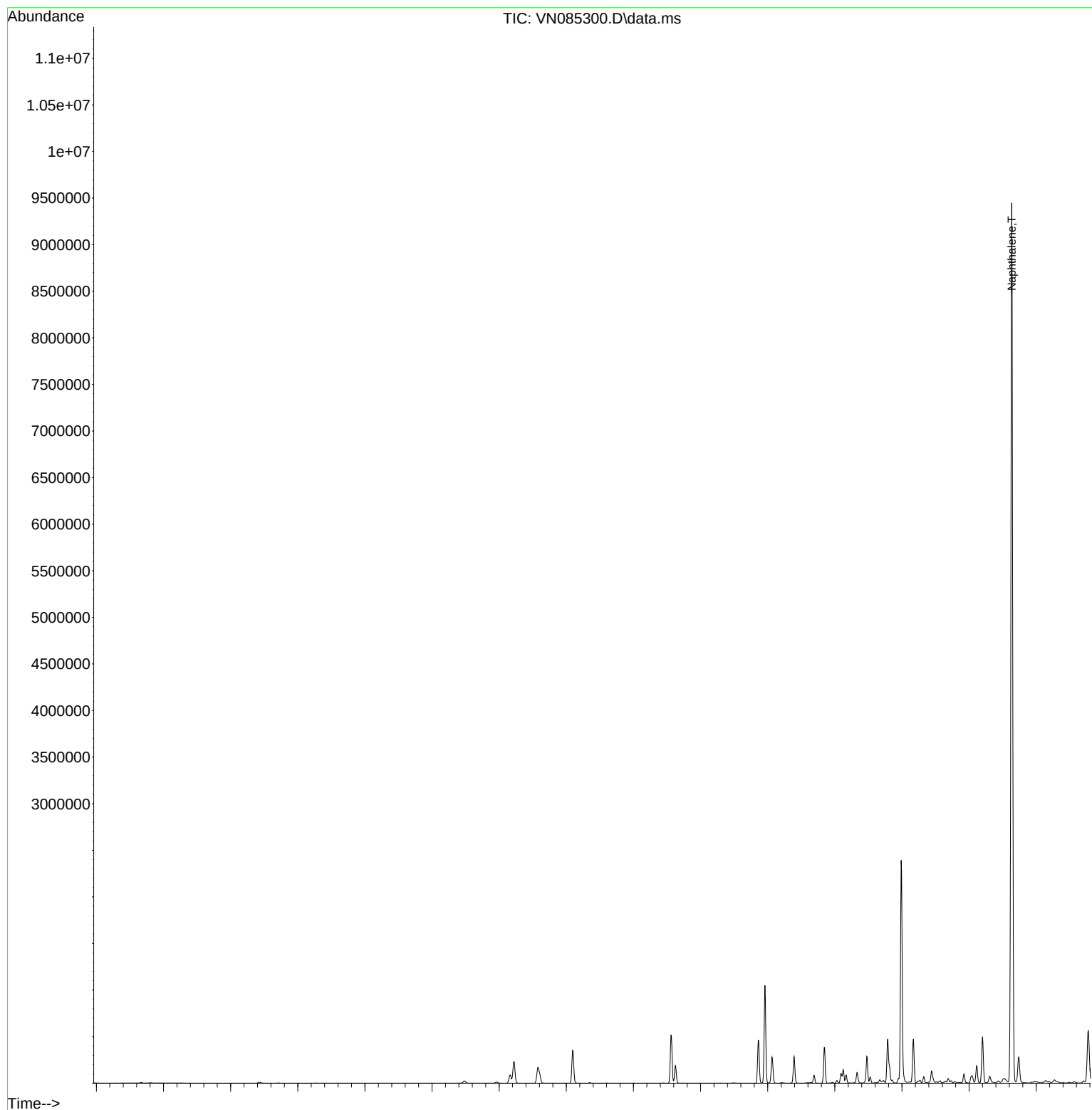
Internal Standards						
1) Pentafluorobenzene	8.218	168	162897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	294714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121625	42.718	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.440%		
35) Dibromofluoromethane	8.165	113	64003	30.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	61.780%#		
50) Toluene-d8	10.559	98	359663	47.492	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.980%		
62) 4-Bromofluorobenzene	12.847	95	132855	49.116	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.240%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	20358	20.714	ug/l	92
27) cis-1,2-Dichloroethene	7.477	96	13041	5.464	ug/l	82
30) Chloroform	7.959	83	12622	2.970	ug/l	96
40) Benzene	8.600	78	86435	9.630	ug/l	97
44) Trichloroethene	9.359	130	2154	1.078	ug/l	61
52) Toluene	10.624	92	80834	14.978	ug/l	100
67) Ethyl Benzene	11.959	91	747419	75.326	ug/l	98
68) m/p-Xylenes	12.065	106	87610	23.608	ug/l	98
69) o-Xylene	12.394	106	77077	22.096	ug/l	96
73) Isopropylbenzene	12.688	105	53945	6.306	ug/l	99
78) n-propylbenzene	13.029	91	23414	2.232	ug/l	99
80) 1,3,5-Trimethylbenzene	13.165	105	45927	6.436	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	162288	22.250	ug/l	99
86) p-Isopropyltoluene	13.723	119	8572	2.956	ug/l #	73
95) Naphthalene	15.635	128	8140636	1248.218	ug/l	99

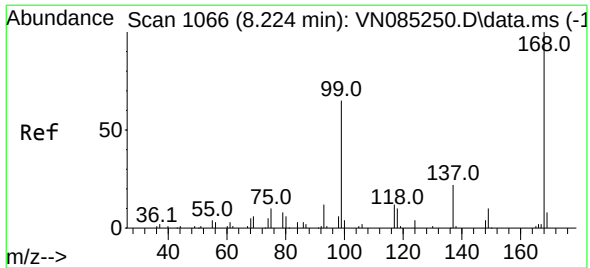
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085300.D
Acq On : 23 Dec 2024 17:36
Operator : JC\MD
Sample : P5371-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-M

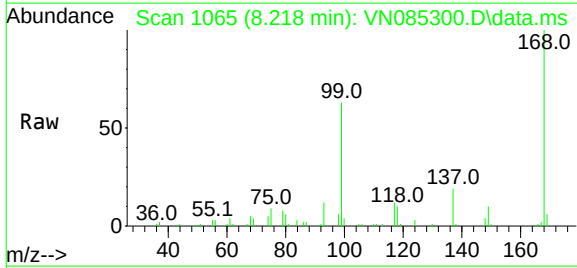
Quant Time: Dec 24 04:14:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



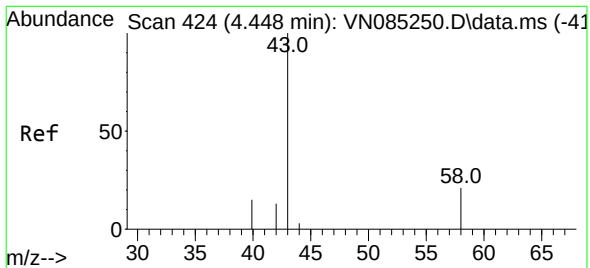
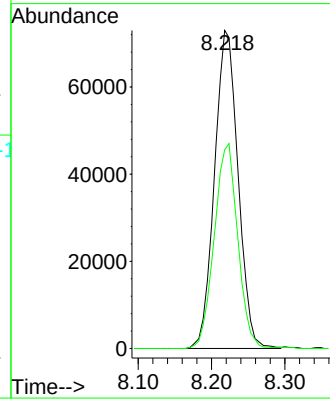
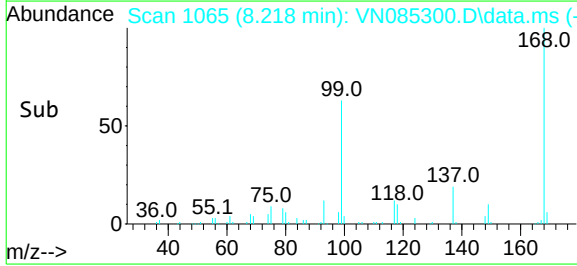


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-M

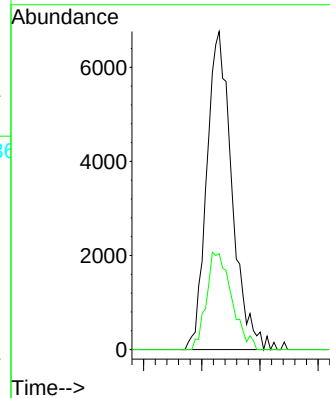
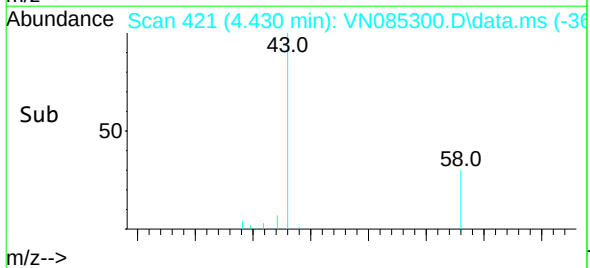
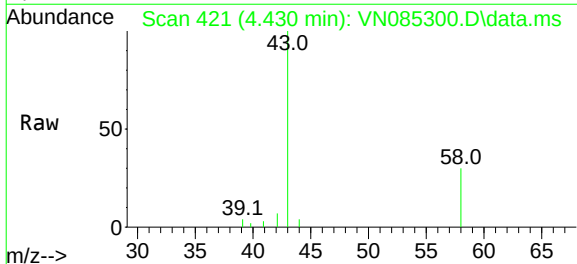


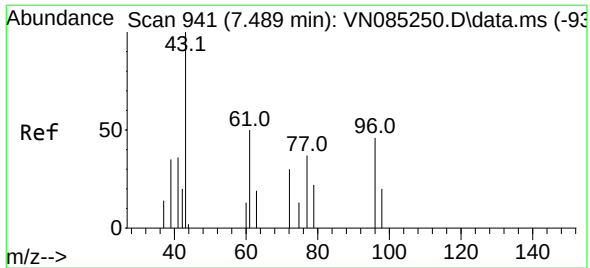
Tgt Ion:168 Resp: 162897
Ion Ratio Lower Upper
168 100
99 62.5 50.7 76.1



#16
Acetone
Concen: 20.714 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

Tgt Ion: 43 Resp: 20358
Ion Ratio Lower Upper
43 100
58 30.2 20.8 31.2

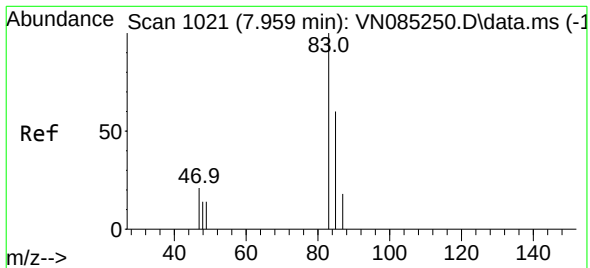
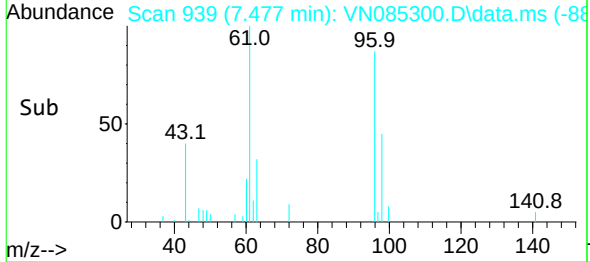
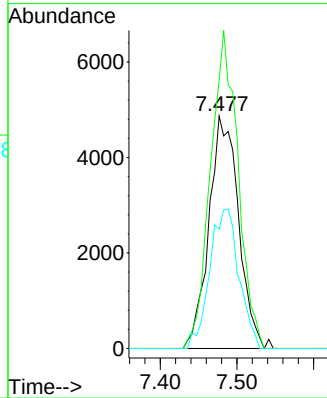
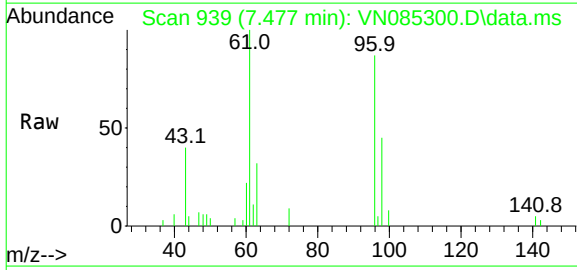




#27
cis-1,2-Dichloroethene
Concen: 5.464 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

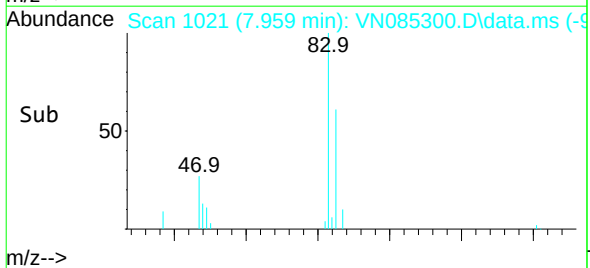
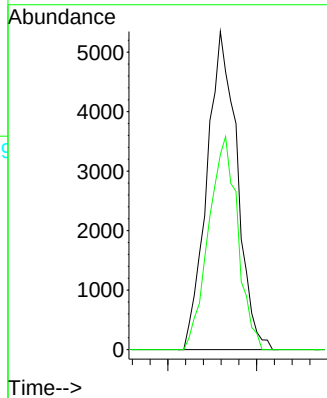
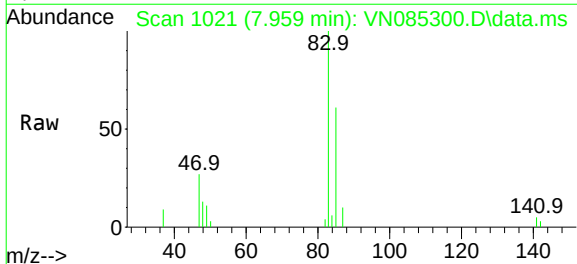
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-M

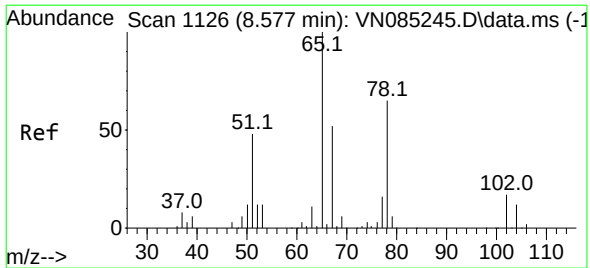
Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	316.4
98	59.3	0.0	125.4



#30
Chloroform
Concen: 2.970 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.4	77.0

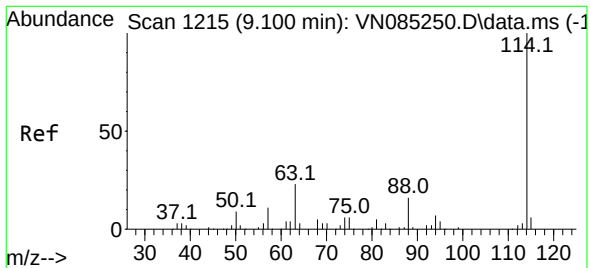
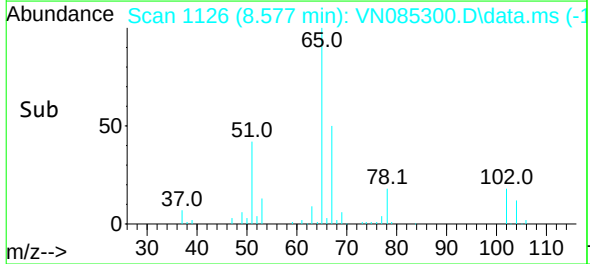
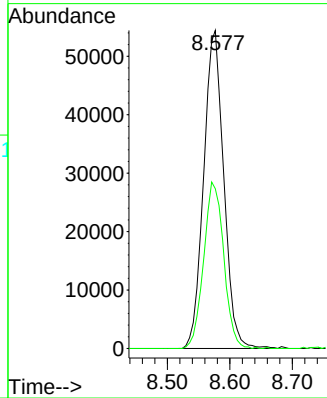
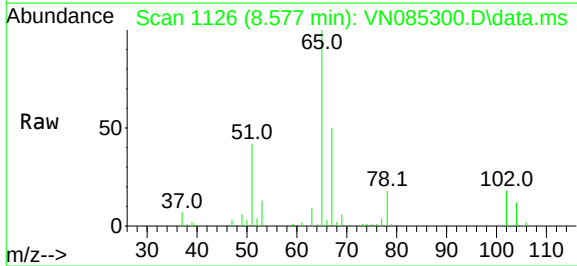




#33
1,2-Dichloroethane-d4
Concen: 42.718 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

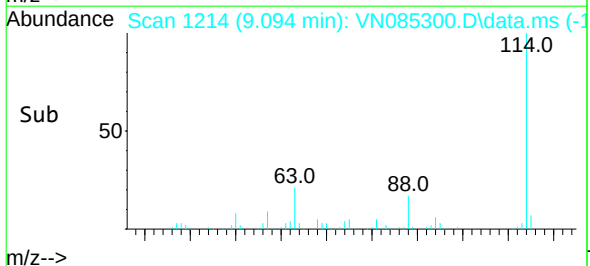
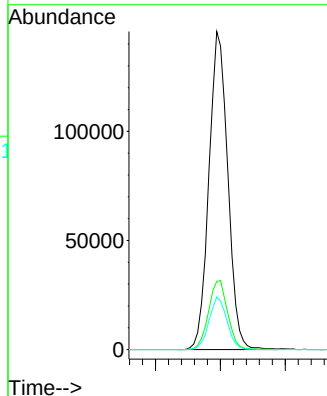
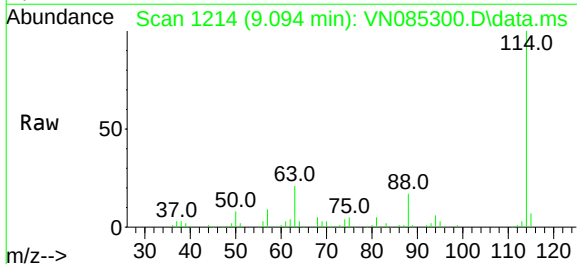
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-M

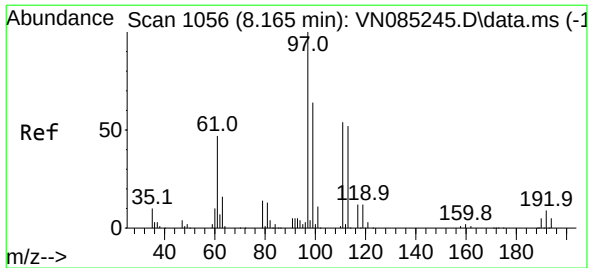
Tgt Ion: 65 Resp: 121625
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

Tgt Ion: 114 Resp: 294714
Ion Ratio Lower Upper
114 100
63 21.4 0.0 46.2
88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 30.890 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085300.D

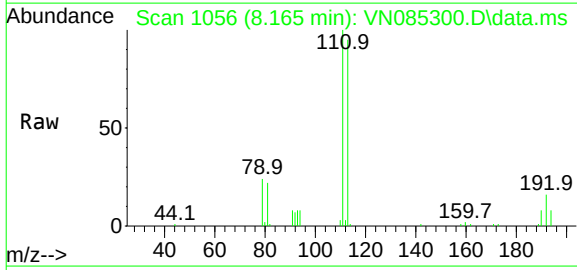
Acq: 23 Dec 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-2-M



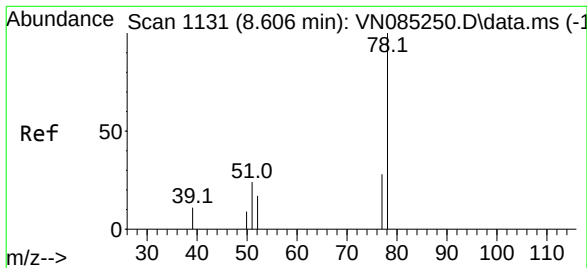
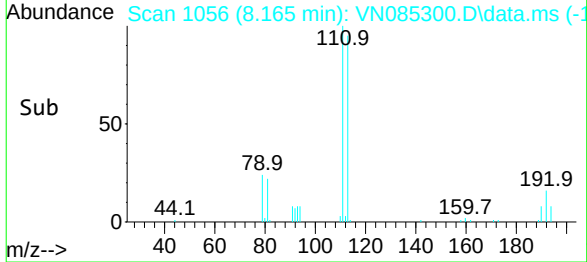
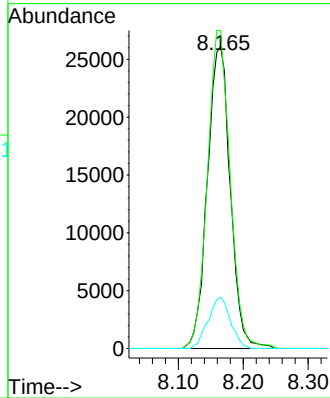
Tgt Ion: 113 Resp: 64003

Ion Ratio Lower Upper

113 100

111 104.7 82.1 123.1

192 16.5 13.4 20.0



#40

Benzene

Concen: 9.630 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085300.D

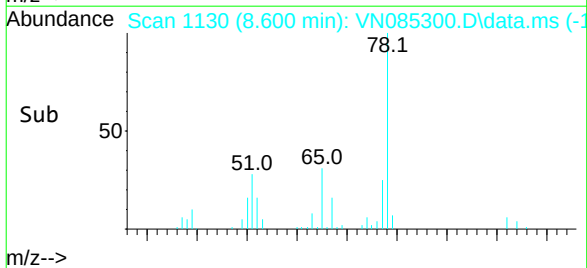
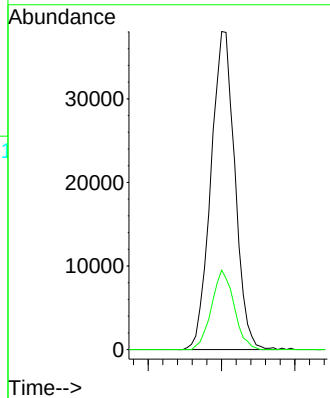
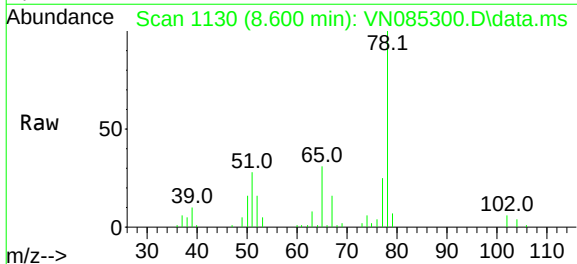
Acq: 23 Dec 2024 17:36

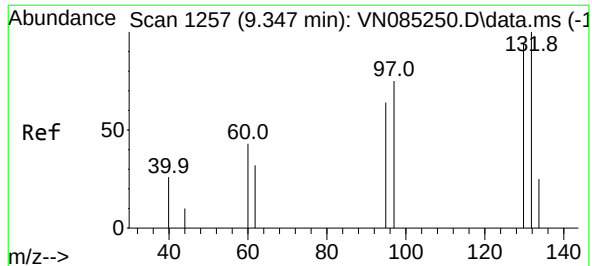
Tgt Ion: 78 Resp: 86435

Ion Ratio Lower Upper

78 100

77 25.0 18.9 28.3





#44

Trichloroethene

Concen: 1.078 ug/l

RT: 9.359 min Scan# 12

Delta R.T. 0.012 min

Lab File: VN085300.D

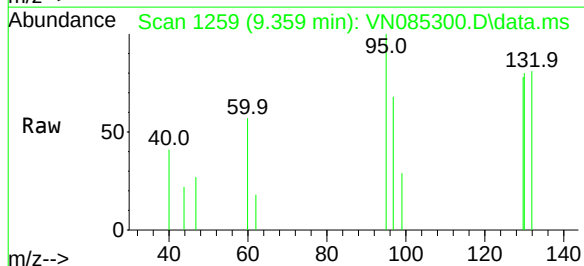
Acq: 23 Dec 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-2-M

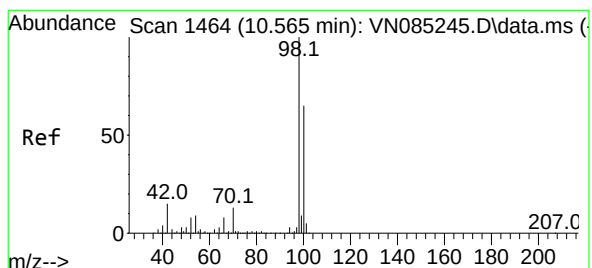
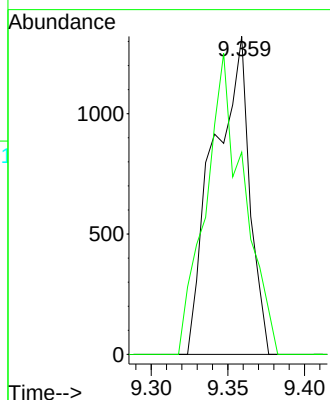
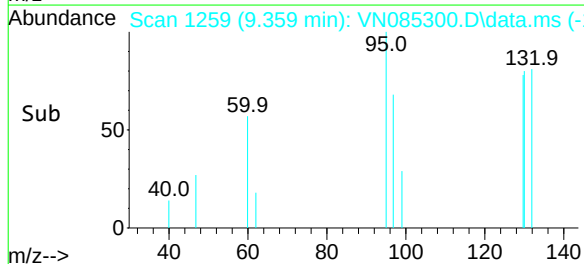


Tgt Ion:130 Resp: 2154

Ion Ratio Lower Upper

130 100

95 63.6 0.0 207.6



#50

Toluene-d8

Concen: 47.492 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085300.D

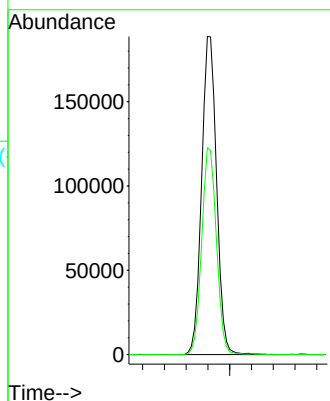
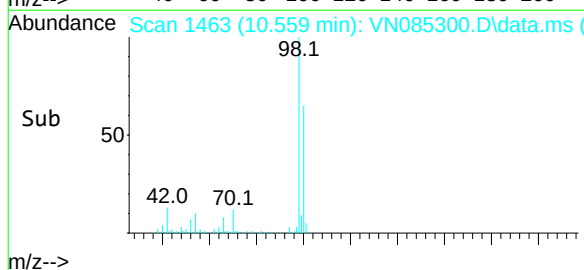
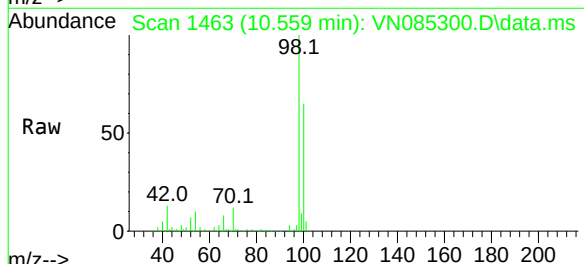
Acq: 23 Dec 2024 17:36

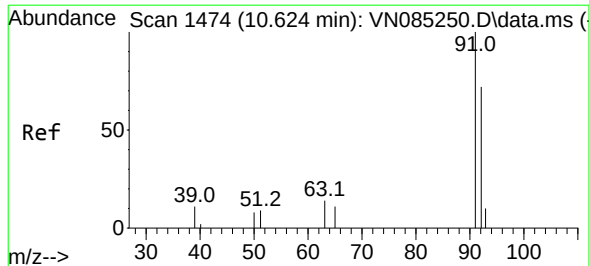
Tgt Ion: 98 Resp: 359663

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4





#52

Toluene

Concen: 14.978 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085300.D

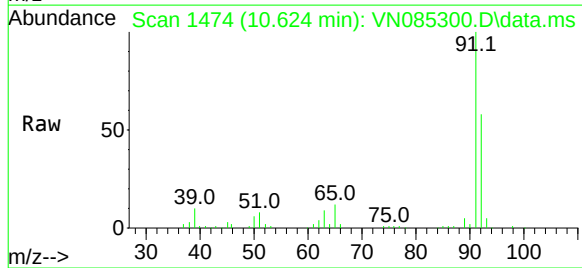
Acq: 23 Dec 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-2-M

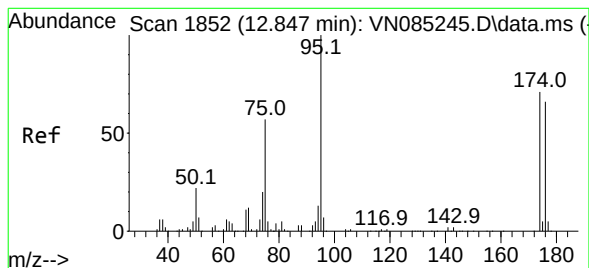
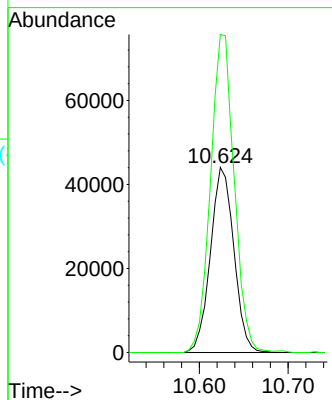
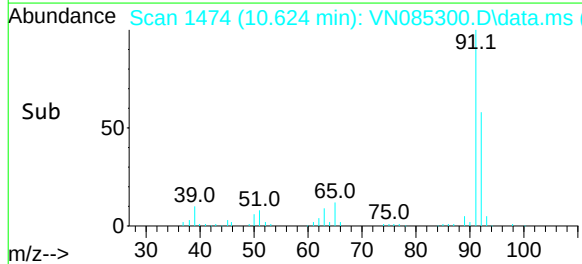


Tgt Ion: 92 Resp: 80834

Ion Ratio Lower Upper

92 100

91 174.0 138.9 208.3



#62

4-Bromofluorobenzene

Concen: 49.116 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085300.D

Acq: 23 Dec 2024 17:36

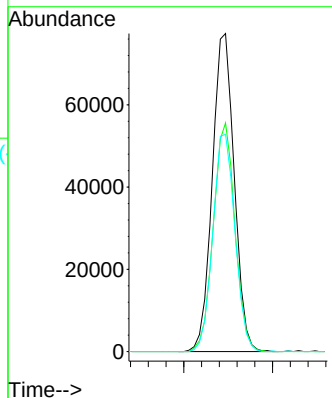
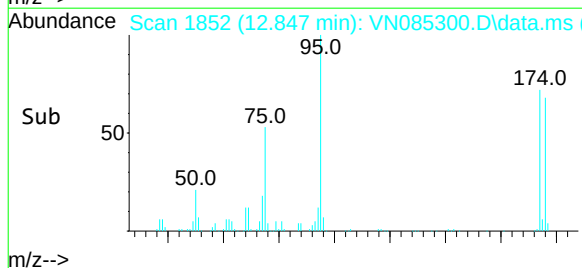
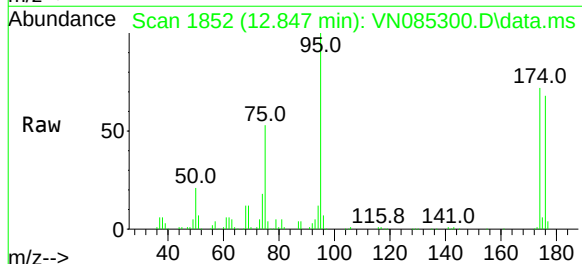
Tgt Ion: 95 Resp: 132855

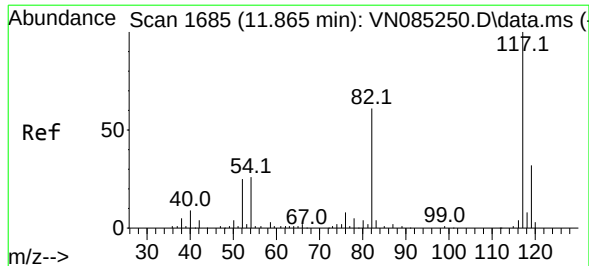
Ion Ratio Lower Upper

95 100

174 70.9 0.0 144.4

176 68.9 0.0 136.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN085300.D

Acq: 23 Dec 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-2-M

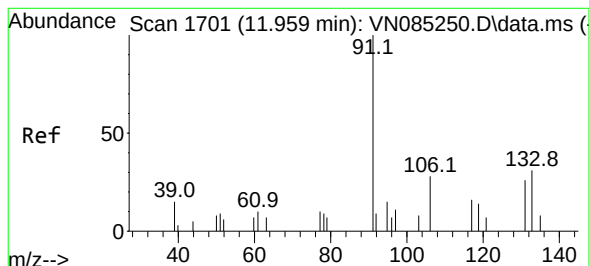
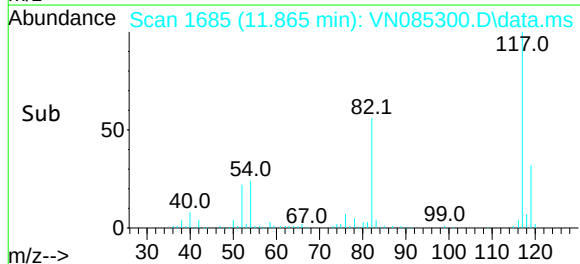
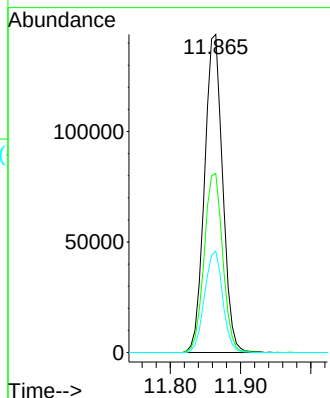
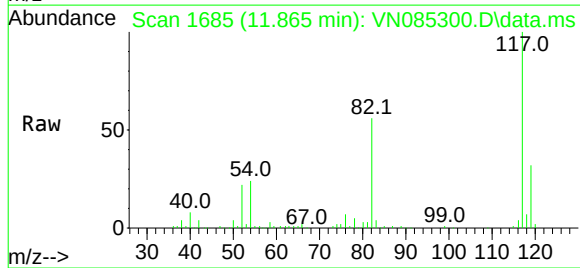
Tgt Ion:117 Resp: 257534

Ion Ratio Lower Upper

117 100

82 56.3 47.4 71.2

119 31.9 25.6 38.4



#67

Ethyl Benzene

Concen: 75.326 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085300.D

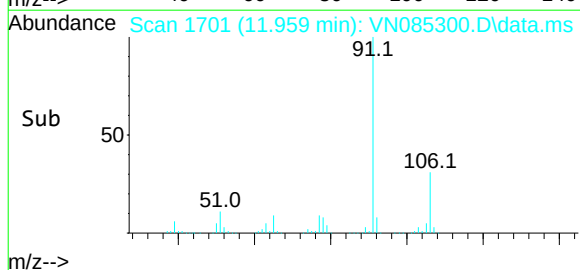
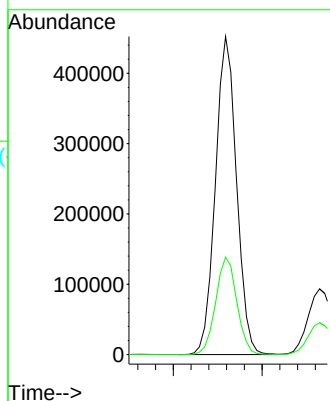
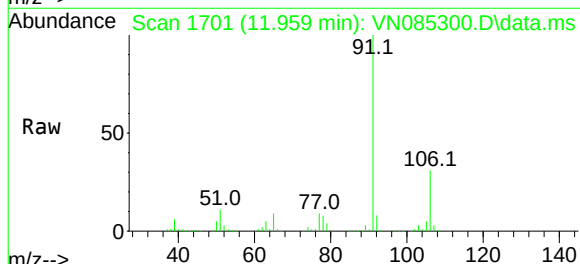
Acq: 23 Dec 2024 17:36

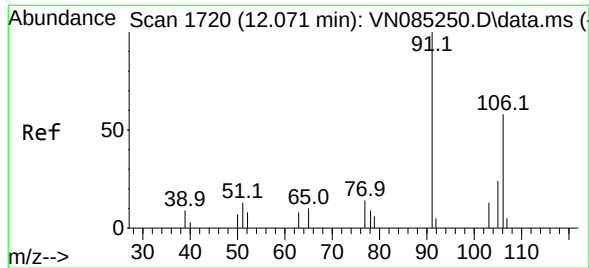
Tgt Ion: 91 Resp: 747419

Ion Ratio Lower Upper

91 100

106 30.6 23.5 35.3





#68

m/p-Xylenes

Concen: 23.608 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085300.D

Acq: 23 Dec 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

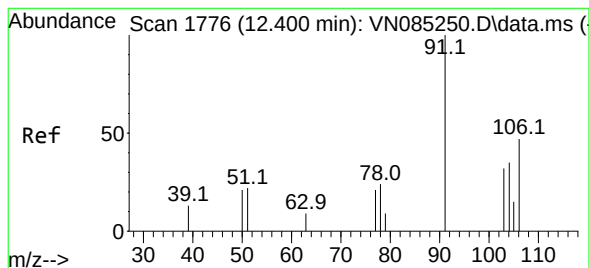
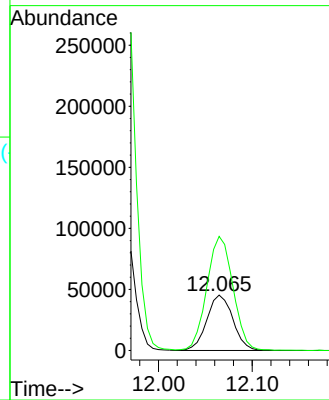
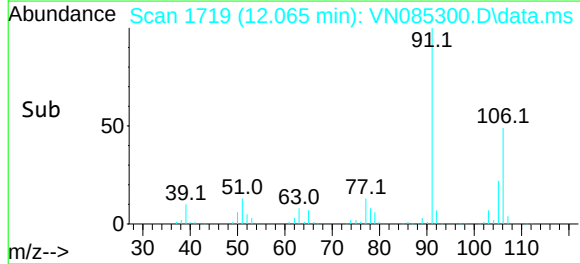
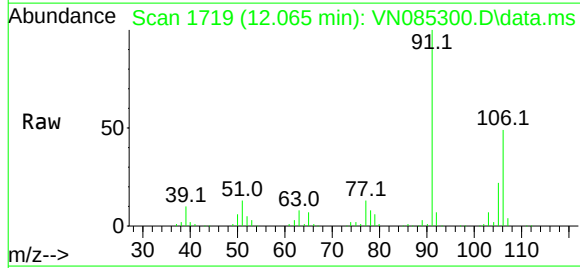
SPLP-C12-2-M

Tgt Ion:106 Resp: 87610

Ion Ratio Lower Upper

106 100

91 207.4 168.3 252.5



#69

o-Xylene

Concen: 22.096 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085300.D

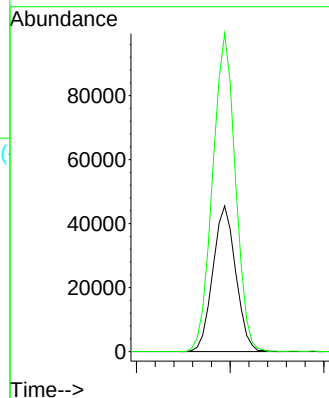
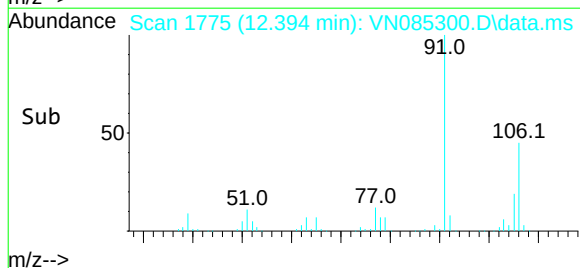
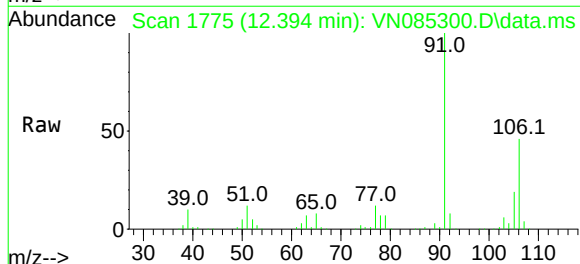
Acq: 23 Dec 2024 17:36

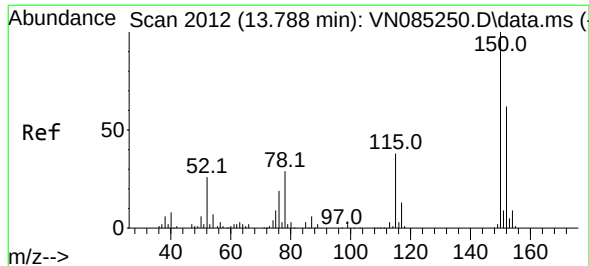
Tgt Ion:106 Resp: 77077

Ion Ratio Lower Upper

106 100

91 217.7 112.1 336.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085300.D

Acq: 23 Dec 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-2-M

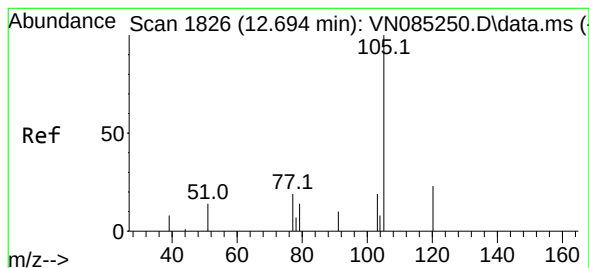
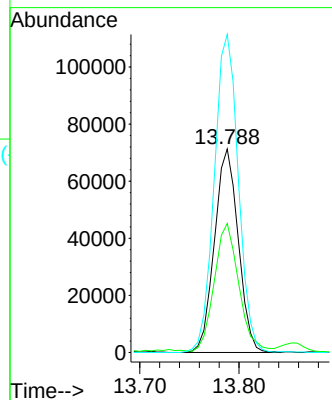
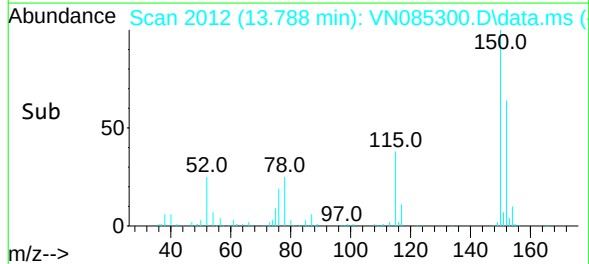
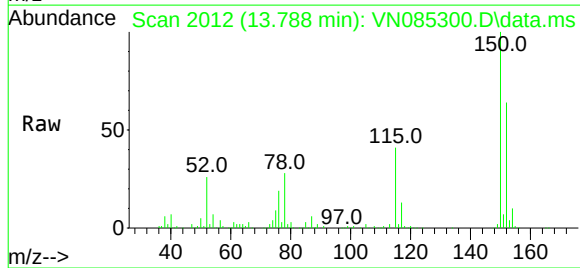
Tgt Ion:152 Resp: 118590

Ion Ratio Lower Upper

152 100

115 64.4 32.1 96.3

150 158.4 0.0 354.6



#73

Isopropylbenzene

Concen: 6.306 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.006 min

Lab File: VN085300.D

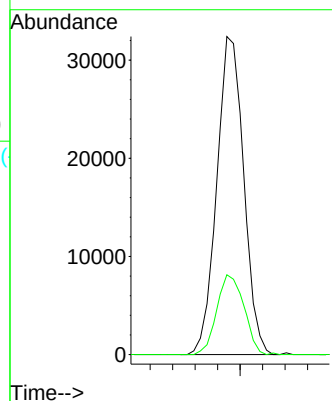
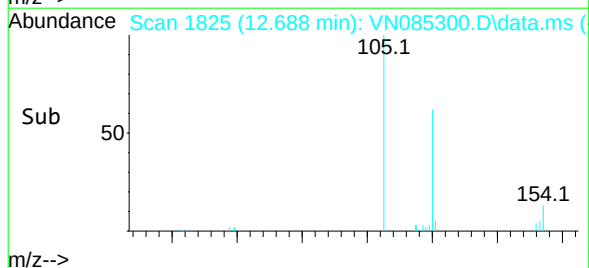
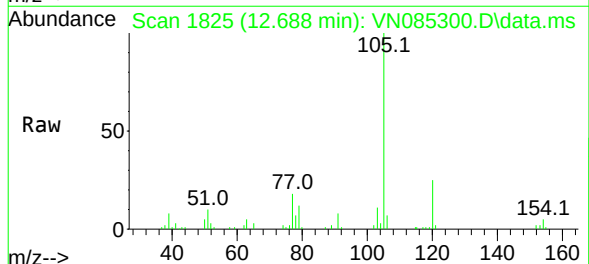
Acq: 23 Dec 2024 17:36

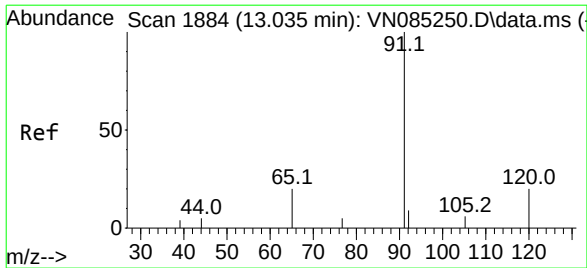
Tgt Ion:105 Resp: 53945

Ion Ratio Lower Upper

105 100

120 25.3 13.0 38.9





#78

n-propylbenzene

Concen: 2.232 ug/l

RT: 13.029 min Scan# 18

Delta R.T. -0.006 min

Lab File: VN085300.D

Acq: 23 Dec 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

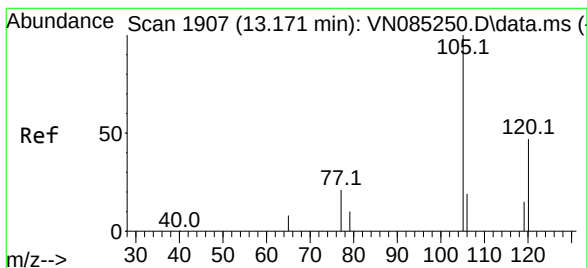
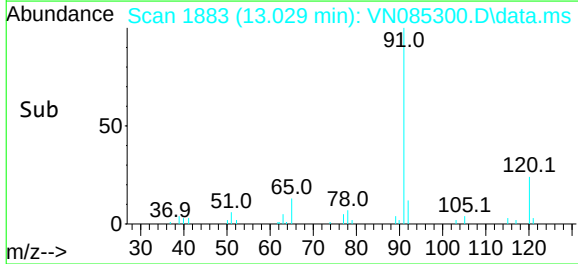
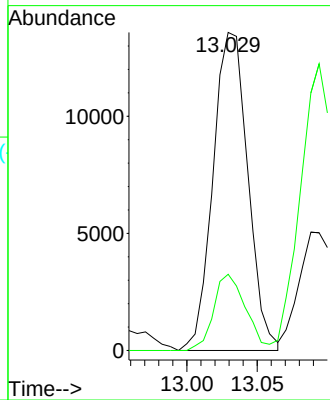
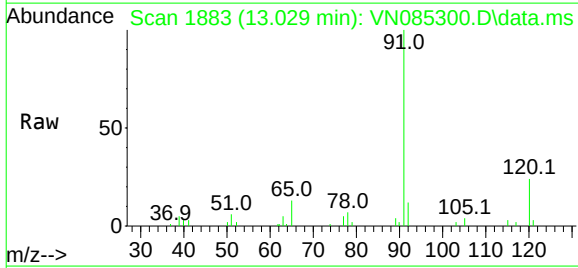
SPLP-C12-2-M

Tgt Ion: 91 Resp: 23414

Ion Ratio Lower Upper

91 100

120 22.0 10.8 32.3



#80

1,3,5-Trimethylbenzene

Concen: 6.436 ug/l

RT: 13.165 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VN085300.D

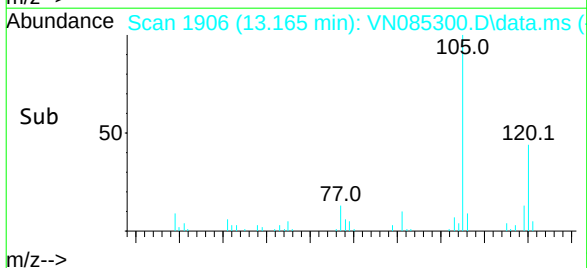
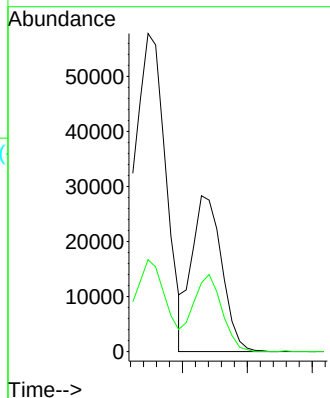
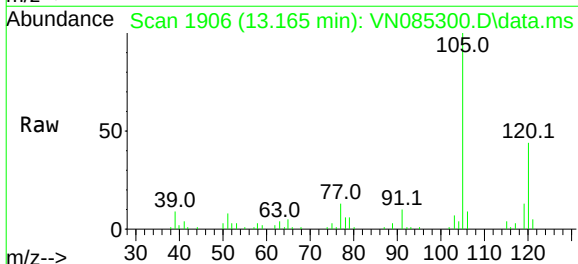
Acq: 23 Dec 2024 17:36

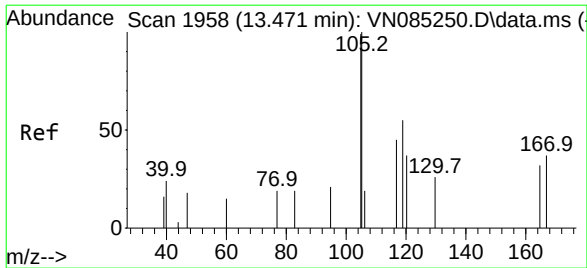
Tgt Ion: 105 Resp: 45927

Ion Ratio Lower Upper

105 100

120 47.5 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 22.250 ug/l

RT: 13.476 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085300.D

Acq: 23 Dec 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

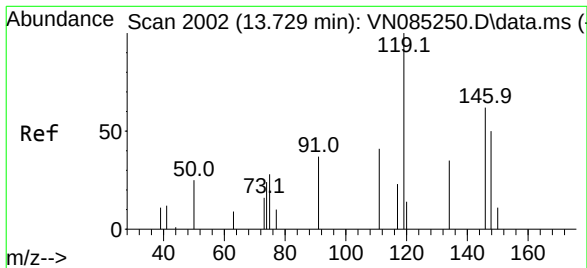
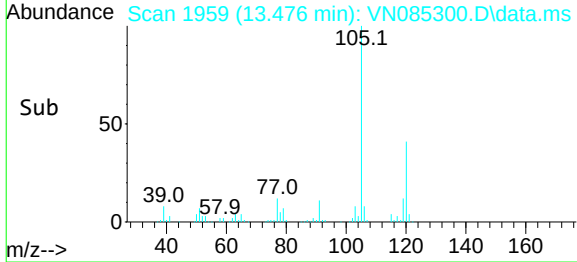
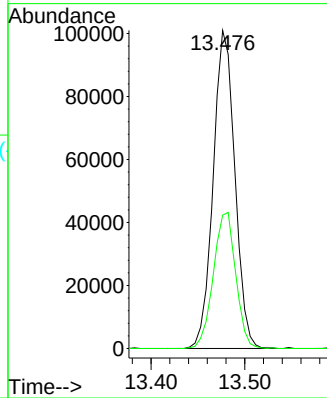
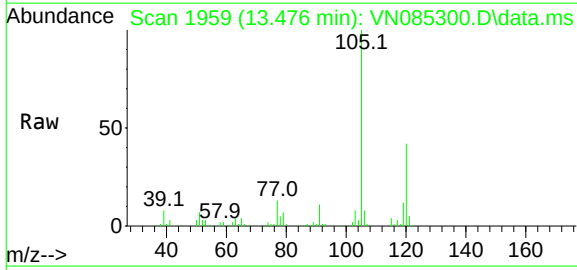
SPLP-C12-2-M

Tgt Ion:105 Resp: 162288

Ion Ratio Lower Upper

105 100

120 44.2 21.8 65.3



#86

p-Isopropyltoluene

Concen: 2.956 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085300.D

Acq: 23 Dec 2024 17:36

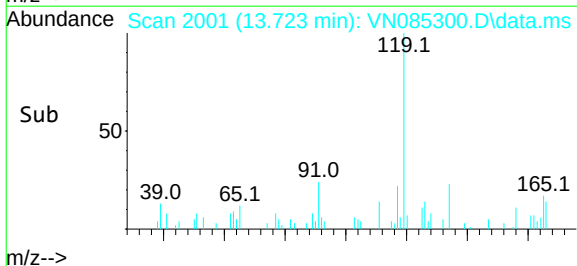
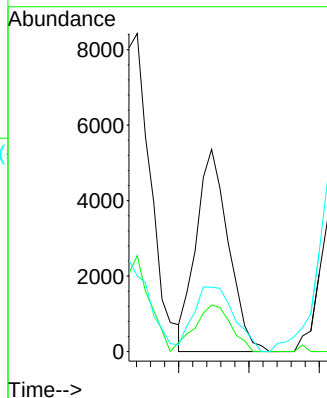
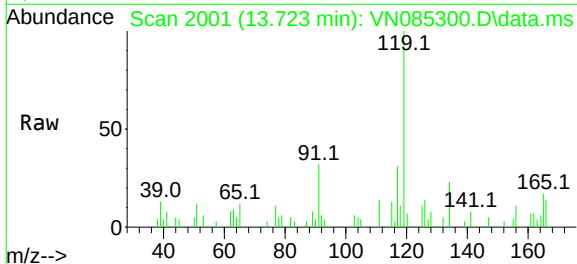
Tgt Ion:119 Resp: 8572

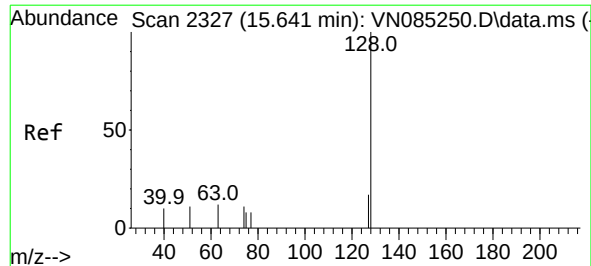
Ion Ratio Lower Upper

119 100

134 26.0 12.5 37.5

91 0.0 13.0 38.9#





#95

Naphthalene

Concen: 1248.218 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085300.D

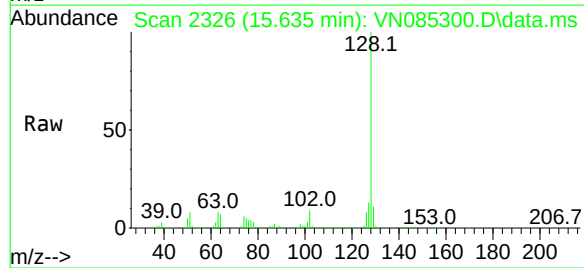
Acq: 23 Dec 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-2-M



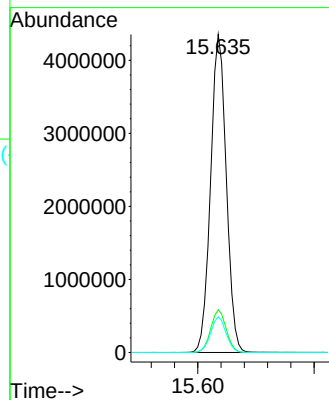
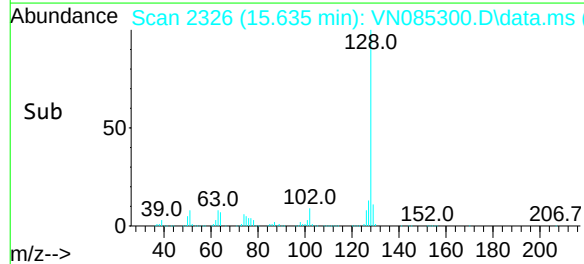
Tgt Ion:128 Resp: 8140636

Ion	Ratio	Lower	Upper

128	100		

127	13.3	10.3	15.5

129	11.0	8.6	13.0



Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C12-2-MRE	SDG No.:	P5371
Lab Sample ID:	P5371-08RE	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085317.D	1		12/26/24 15:00	VN122624

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	23.5	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	5.40		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	3.20	J	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	9.40		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	14.7		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C12-2-MRE	SDG No.:	P5371
Lab Sample ID:	P5371-08RE	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085317.D	1		12/26/24 15:00	VN122624

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	72.7		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	22.6		0.31	10.0	ug/L
95-47-6	o-Xylene	20.8		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	6.00		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	44.2		70 (74) - 130 (125)	88%	SPK: 50
1868-53-7	Dibromofluoromethane	30.5	*	70 (75) - 130 (124)	61%	SPK: 50
2037-26-5	Toluene-d8	47.7		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	150000	8.224			
540-36-3	1,4-Difluorobenzene	280000	9.1			
3114-55-4	Chlorobenzene-d5	247000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	114000	13.788			

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C12-2-MRE	SDG No.:	P5371
Lab Sample ID:	P5371-08RE	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085317.D	1		12/26/24 15:00	VN122624

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_N\Data\VN122624\
 Data File : VN085317.D
 Acq On : 26 Dec 2024 15:00
 Operator : JC\MD
 Sample : P5371-08RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C12-2-MRE

Quant Time: Dec 27 00:46:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

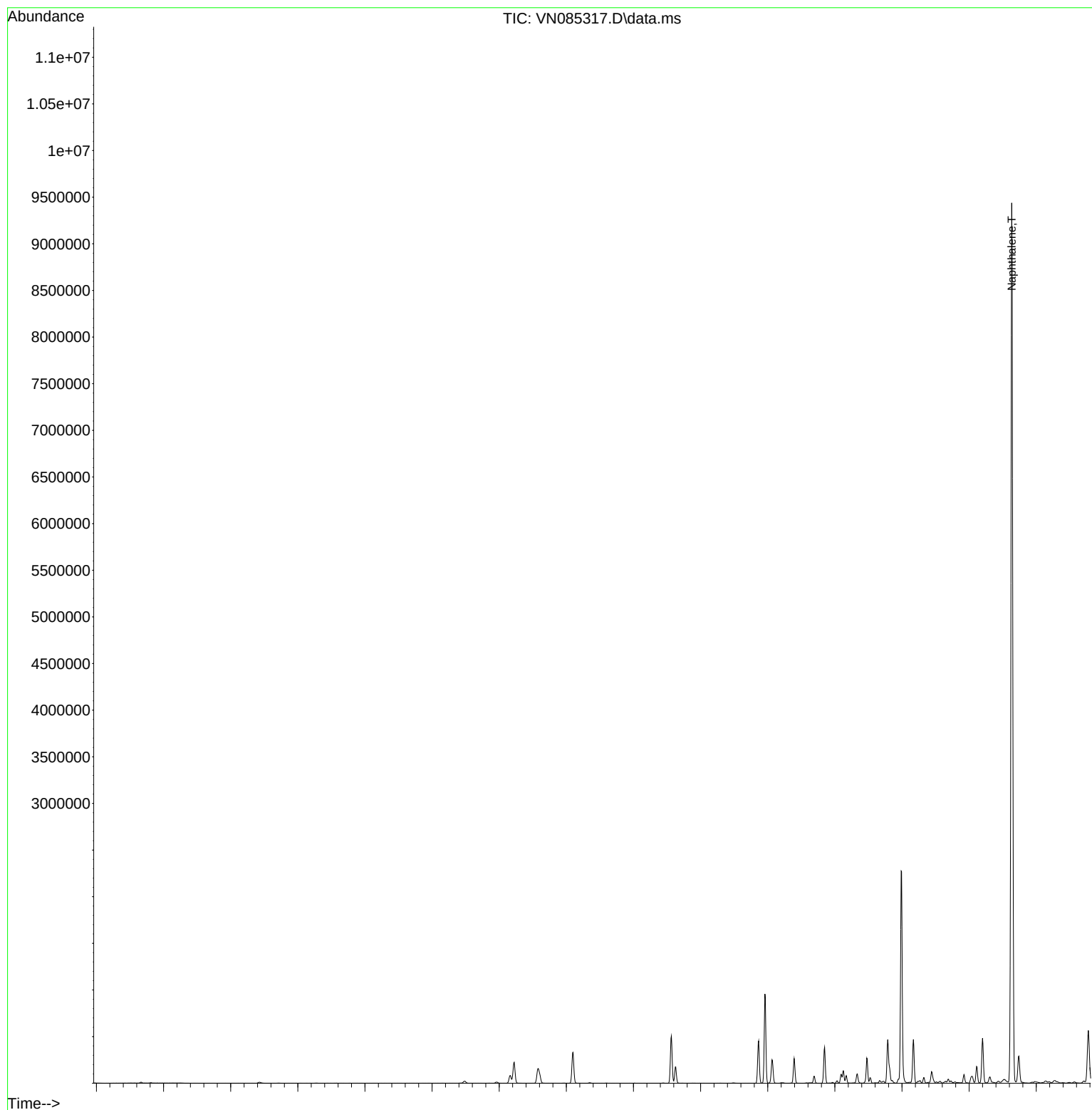
Internal Standards						
1) Pentafluorobenzene	8.224	168	149548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115581	44.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.440%		
35) Dibromofluoromethane	8.165	113	59944	30.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	60.900%#		
50) Toluene-d8	10.565	98	343094	47.687	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.380%		
62) 4-Bromofluorobenzene	12.847	95	127986	49.805	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.620%		
Target Compounds					Qvalue	
16) Acetone	4.424	43	21221	23.520	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	11902	5.432	ug/l	82
30) Chloroform	7.965	83	12491	3.202	ug/l	97
40) Benzene	8.606	78	80335	9.421	ug/l	97
52) Toluene	10.629	92	75193	14.665	ug/l	99
67) Ethyl Benzene	11.959	91	692900	72.732	ug/l	100
68) m/p-Xylenes	12.065	106	80429	22.573	ug/l	99
69) o-Xylene	12.394	106	69746	20.825	ug/l	100
73) Isopropylbenzene	12.694	105	49316	5.992	ug/l	98
78) n-propylbenzene	13.035	91	20753	2.056	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	38955	5.675	ug/l	93
84) 1,2,4-Trimethylbenzene	13.476	105	150370	21.430	ug/l	99
86) p-Isopropyltoluene	13.723	119	7784	2.899	ug/l #	74
95) Naphthalene	15.635	128	8150573	1299.069	ug/l	99

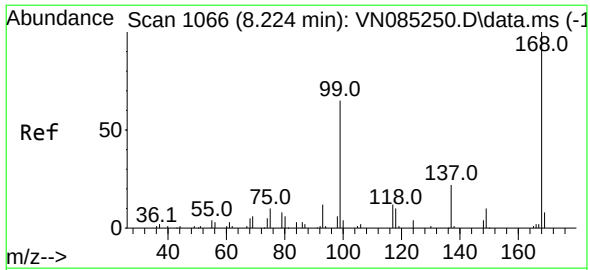
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085317.D
Acq On : 26 Dec 2024 15:00
Operator : JC\MD
Sample : P5371-08RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-MRE

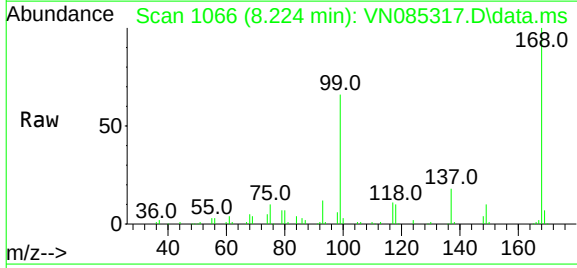
Quant Time: Dec 27 00:46:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



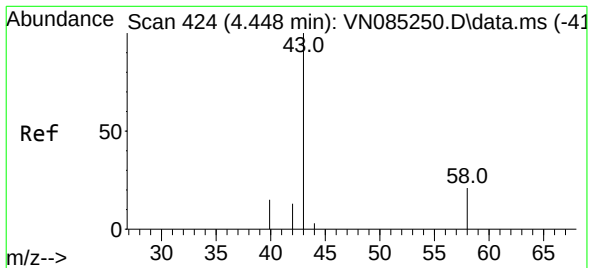
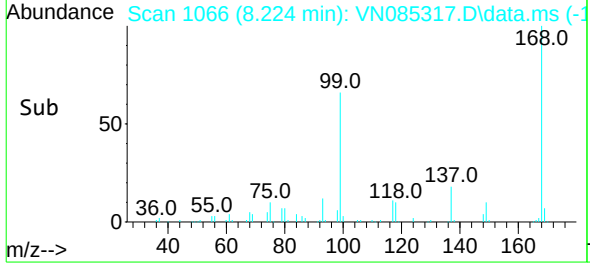
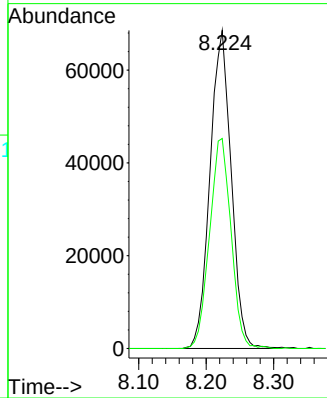


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085317.D
Acq: 26 Dec 2024 15:00

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-MRE

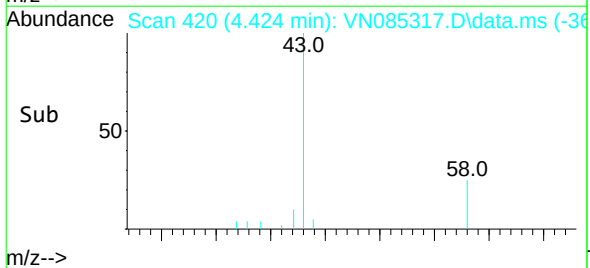
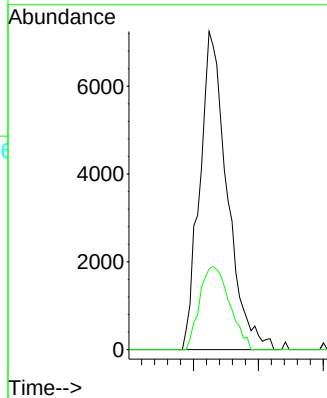
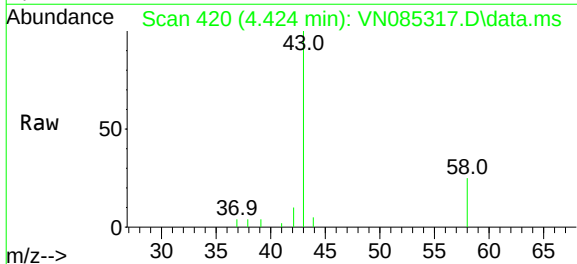


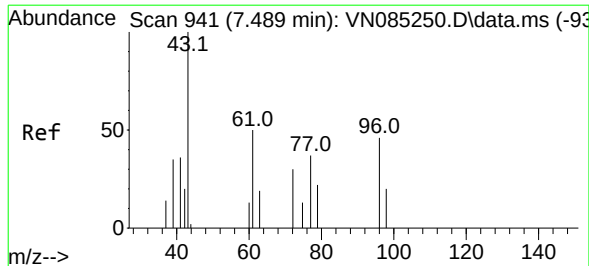
Tgt Ion:168 Resp: 149548
Ion Ratio Lower Upper
168 100
99 66.0 50.7 76.1



#16
Acetone
Concen: 23.520 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085317.D
Acq: 26 Dec 2024 15:00

Tgt Ion: 43 Resp: 21221
Ion Ratio Lower Upper
43 100
58 25.3 20.8 31.2





#27

cis-1,2-Dichloroethene

Concen: 5.432 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.000 min

Lab File: VN085317.D

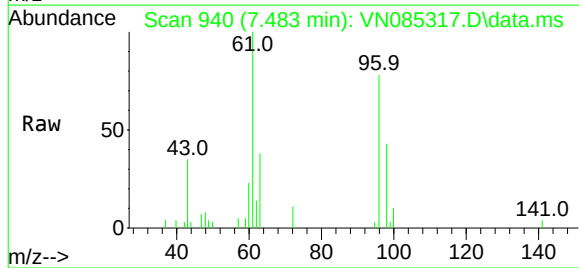
Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-2-MRE



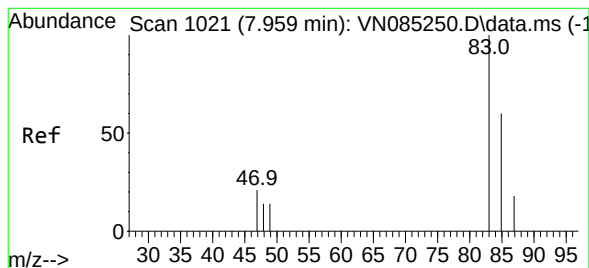
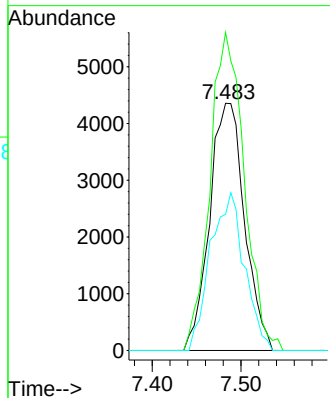
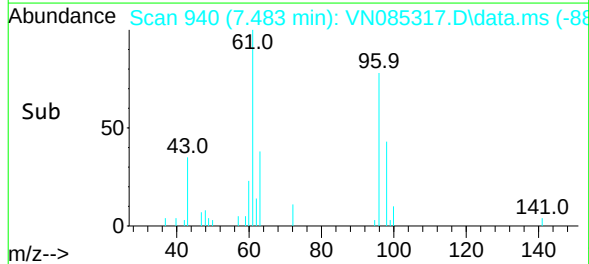
Tgt Ion: 96 Resp: 11902

Ion Ratio Lower Upper

96 100

61 126.2 0.0 316.4

98 62.2 0.0 125.4



#30

Chloroform

Concen: 3.202 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN085317.D

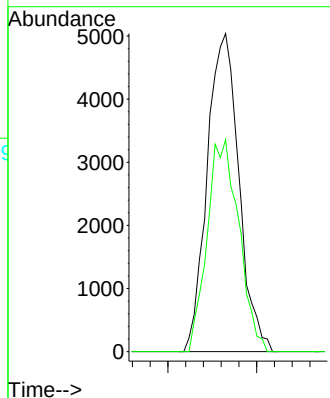
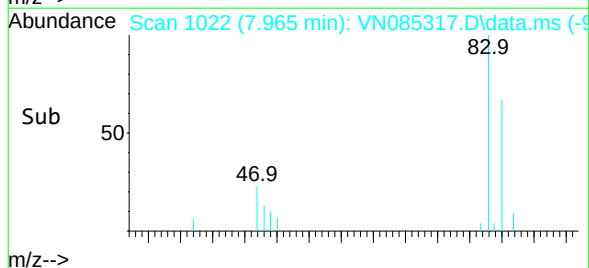
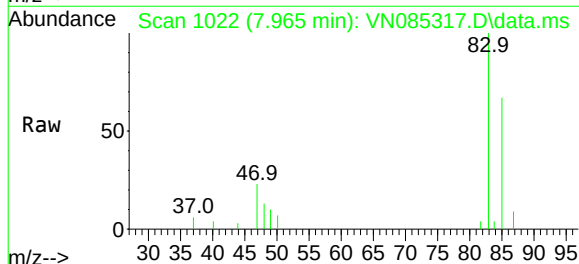
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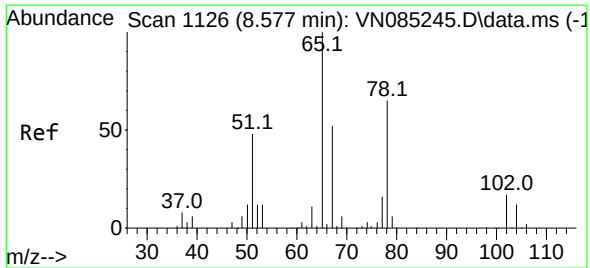
Tgt Ion: 83 Resp: 12491

Ion Ratio Lower Upper

83 100

85 66.7 51.4 77.0

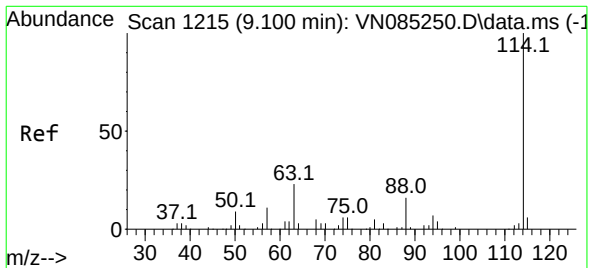
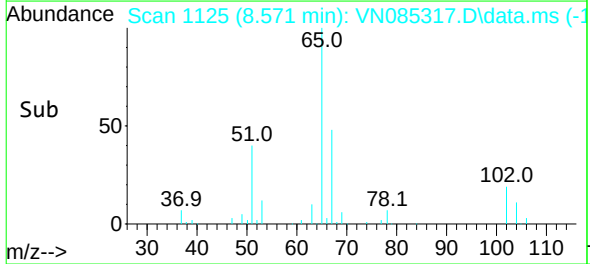
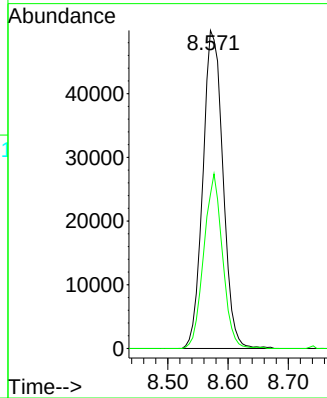
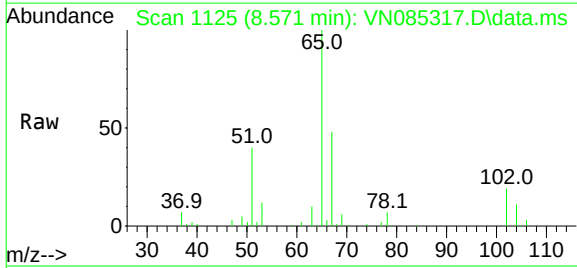




#33
1,2-Dichloroethane-d4
Concen: 44.218 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085317.D
Acq: 26 Dec 2024 15:00

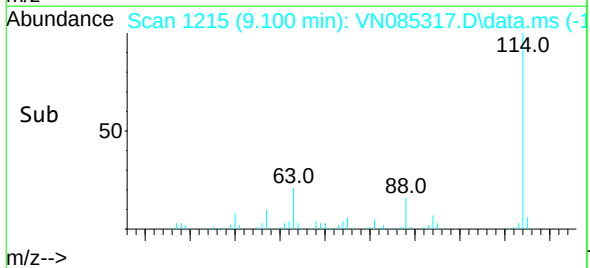
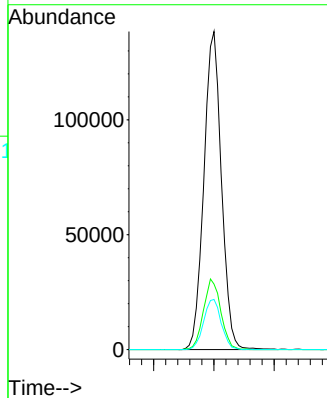
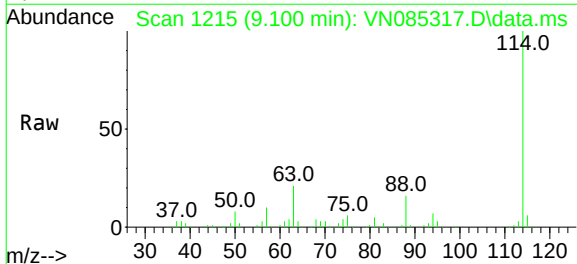
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-MRE

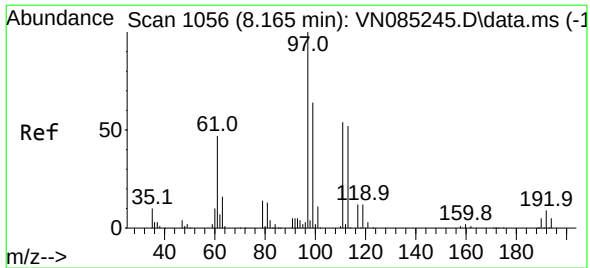
Tgt Ion: 65 Resp: 115581
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085317.D
Acq: 26 Dec 2024 15:00

Tgt Ion: 114 Resp: 279987
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.2
88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 30.452 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085317.D

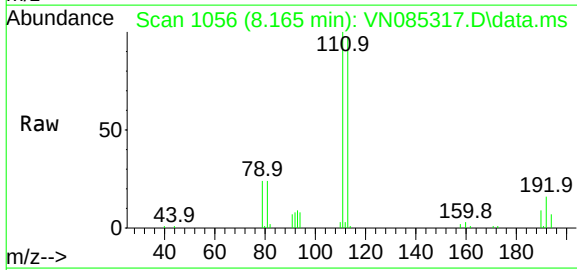
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Instrument :

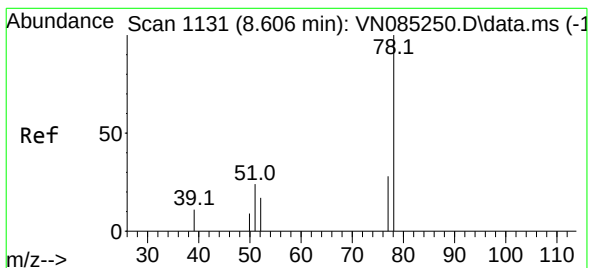
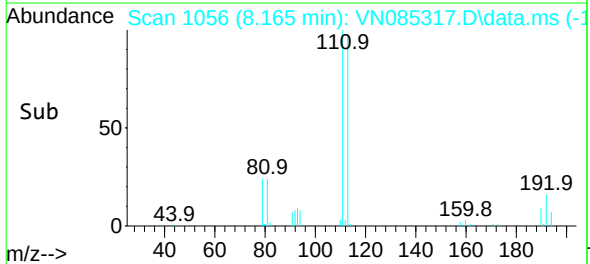
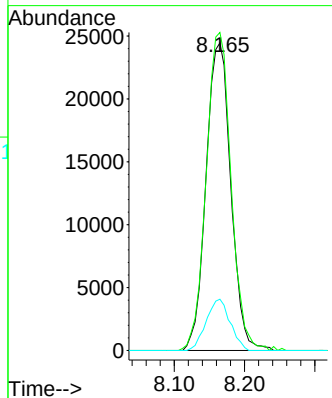
MSVOA_N

ClientSampleId :

SPLP-C12-2-MRE



Tgt Ion:	113	Resp:	59944
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.1	123.1
192	16.1	13.4	20.0



#40

Benzene

Concen: 9.421 ug/l

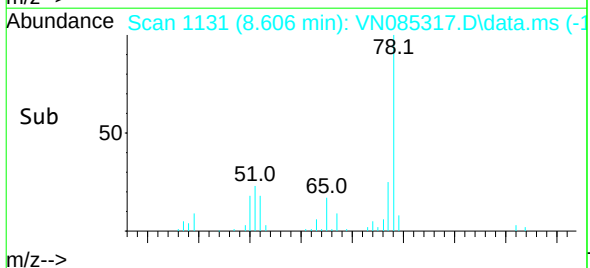
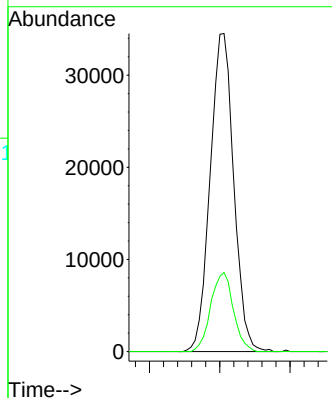
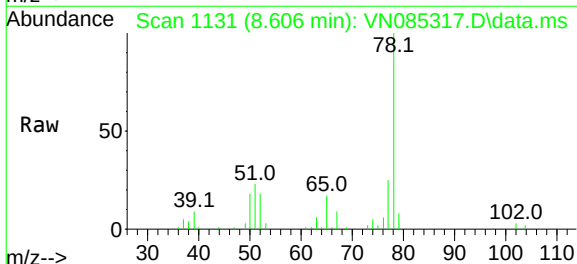
RT: 8.606 min Scan# 1131

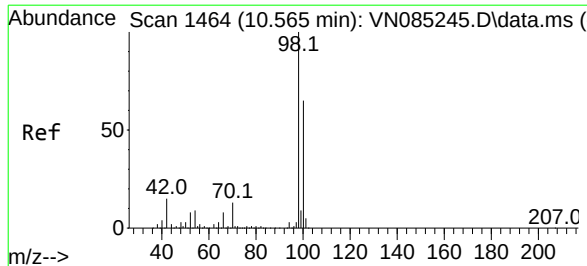
Delta R.T. 0.006 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

Tgt Ion:	78	Resp:	80335
Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.9	28.3





#50

Toluene-d8

Concen: 47.687 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :

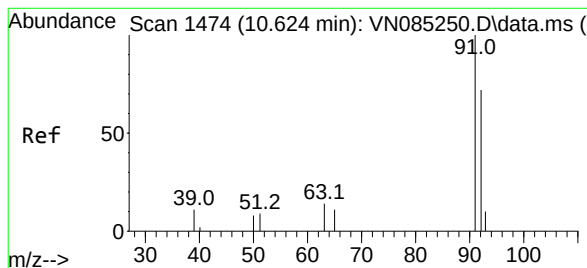
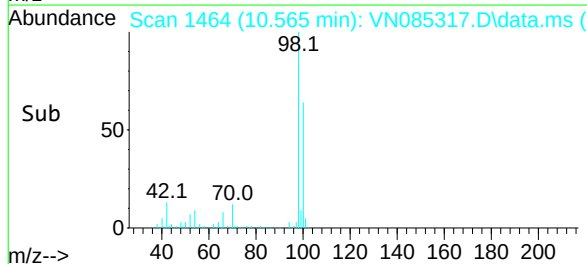
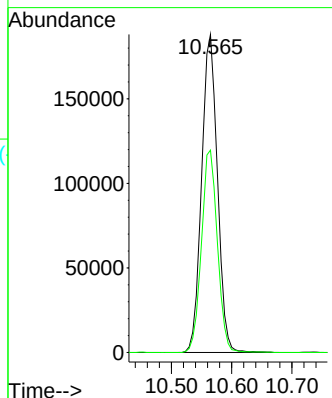
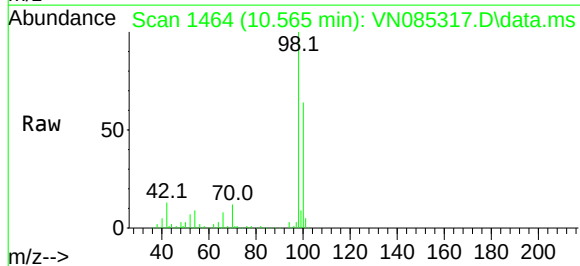
SPLP-C12-2-MRE

Tgt Ion: 98 Resp: 343094

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#52

Toluene

Concen: 14.665 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN085317.D

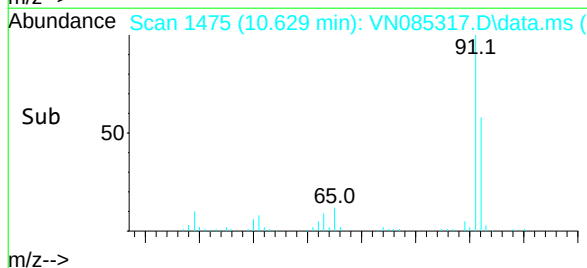
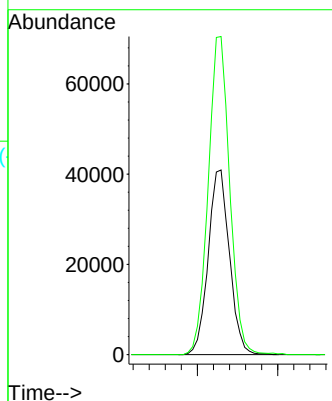
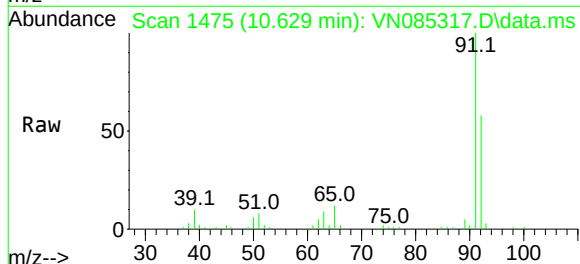
Acq: 26 Dec 2024 15:00

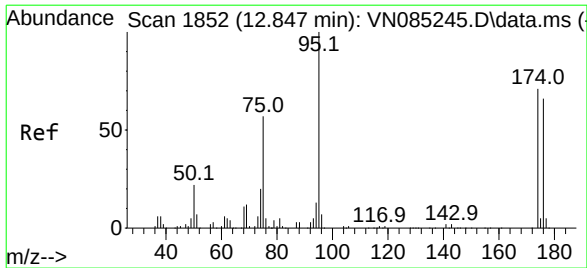
Tgt Ion: 92 Resp: 75193

Ion Ratio Lower Upper

92 100

91 174.5 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 49.805 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085317.D

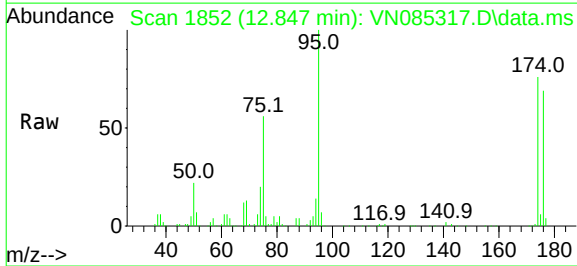
Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-2-MRE



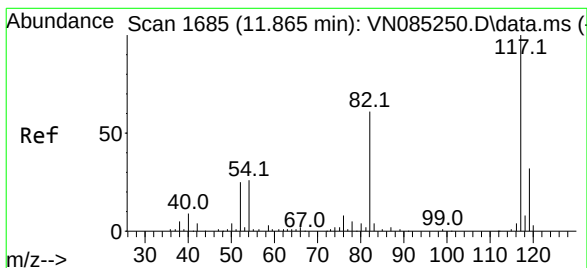
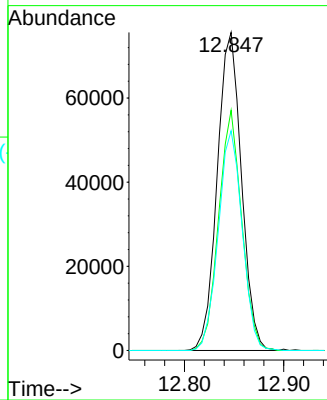
Tgt Ion: 95 Resp: 127986

Ion Ratio Lower Upper

95 100

174 72.1 0.0 144.4

176 68.3 0.0 136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

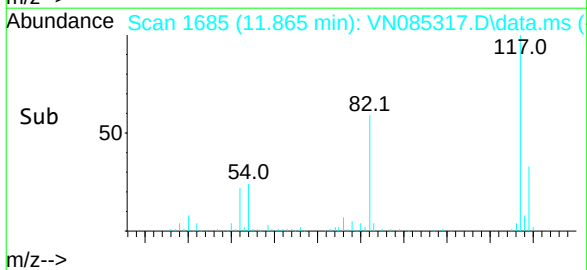
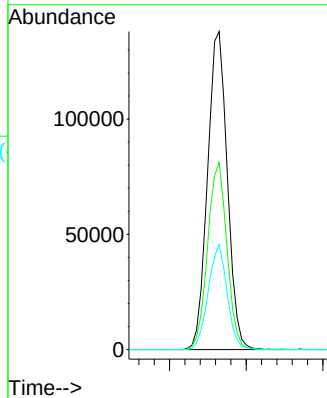
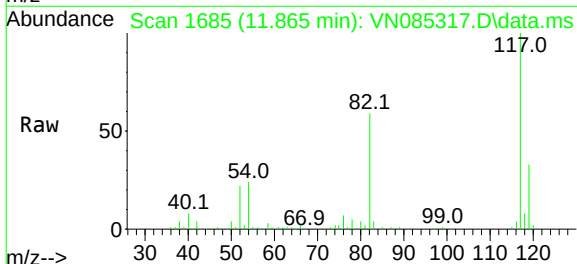
Tgt Ion: 117 Resp: 247264

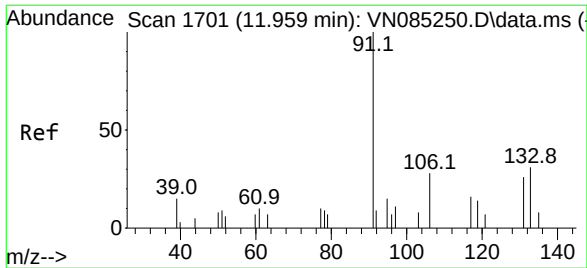
Ion Ratio Lower Upper

117 100

82 58.8 47.4 71.2

119 33.1 25.6 38.4





#67

Ethyl Benzene

Concen: 72.732 ug/l

RT: 11.959 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN085317.D

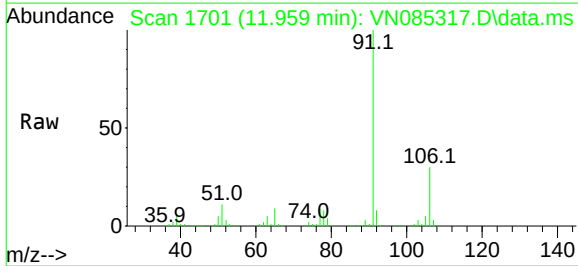
Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-2-MRE

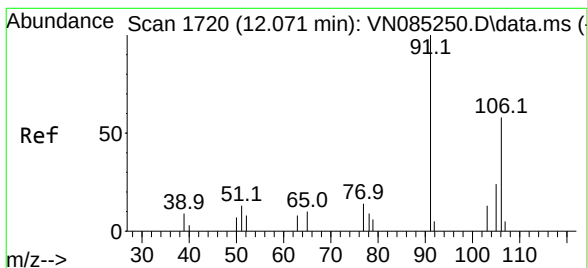
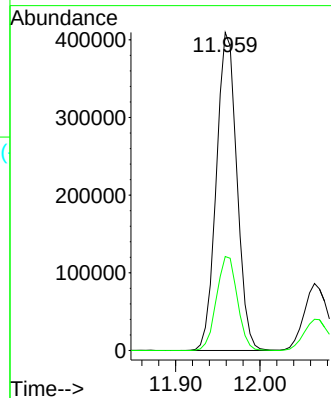
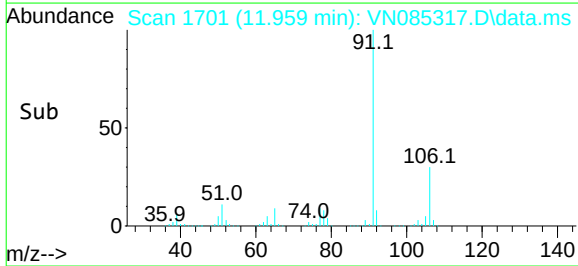


Tgt Ion: 91 Resp: 692900

Ion Ratio Lower Upper

91 100

106 29.5 23.5 35.3



#68

m/p-Xylenes

Concen: 22.573 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085317.D

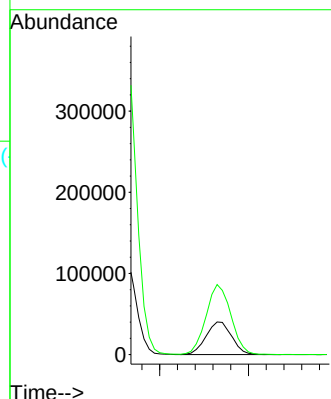
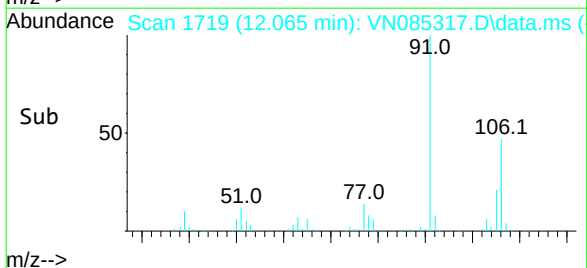
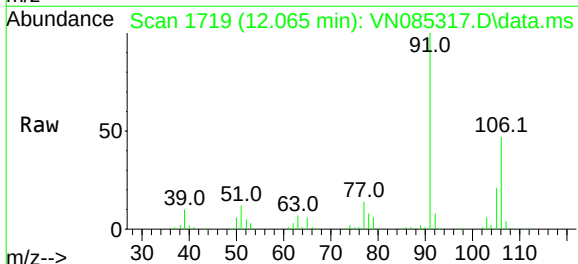
Acq: 26 Dec 2024 15:00

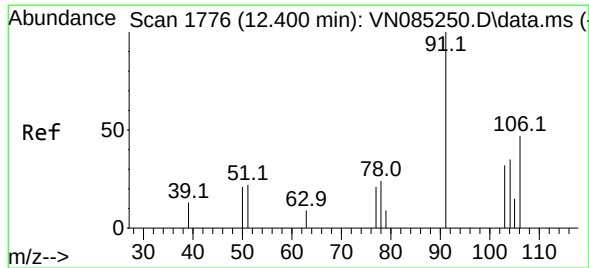
Tgt Ion: 106 Resp: 80429

Ion Ratio Lower Upper

106 100

91 208.9 168.3 252.5





#69

o-Xylene

Concen: 20.825 ug/l

RT: 12.394 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :

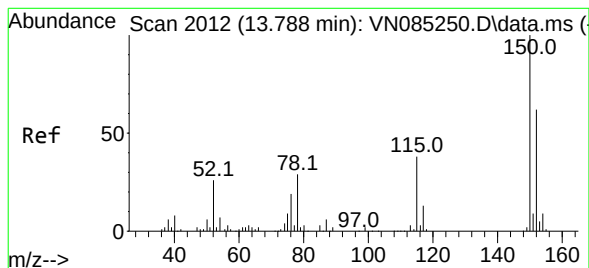
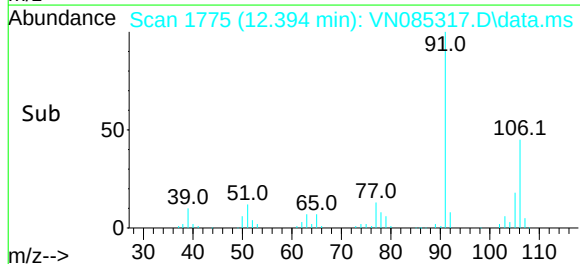
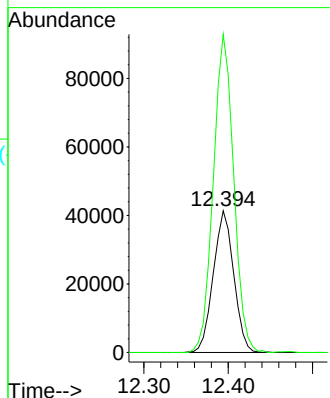
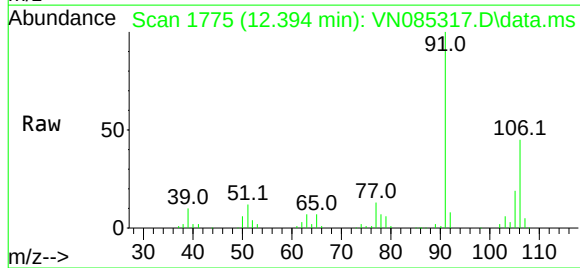
SPLP-C12-2-MRE

Tgt Ion:106 Resp: 69746

Ion Ratio Lower Upper

106 100

91 223.6 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

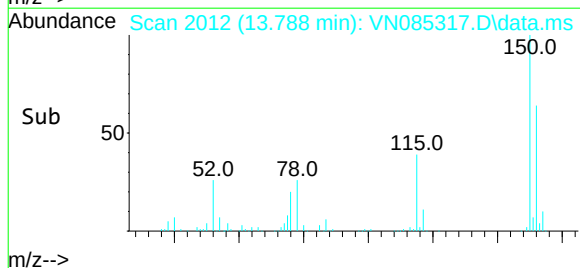
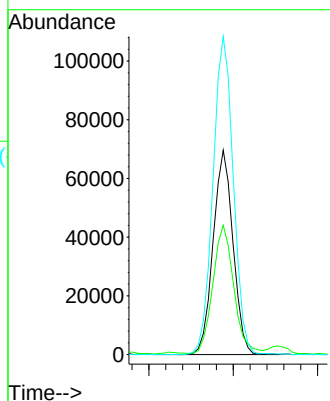
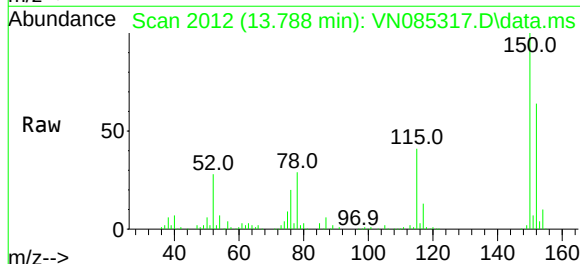
Tgt Ion:152 Resp: 114087

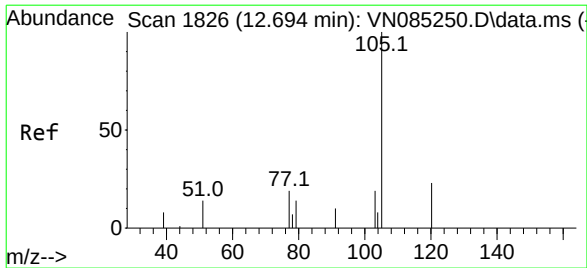
Ion Ratio Lower Upper

152 100

115 65.5 32.1 96.3

150 159.3 0.0 354.6





#73

Isopropylbenzene

Concen: 5.992 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :

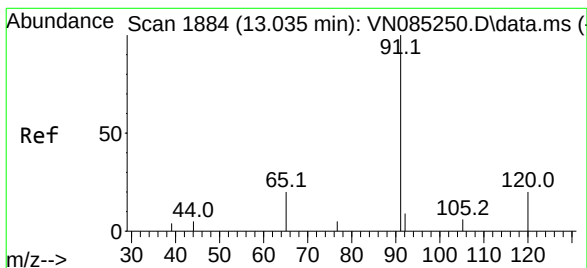
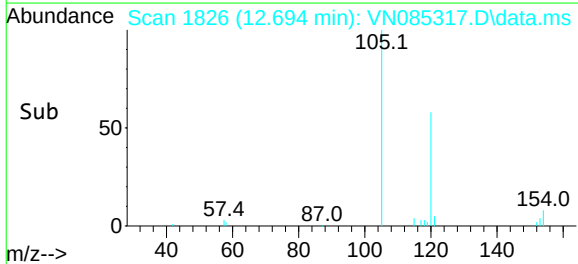
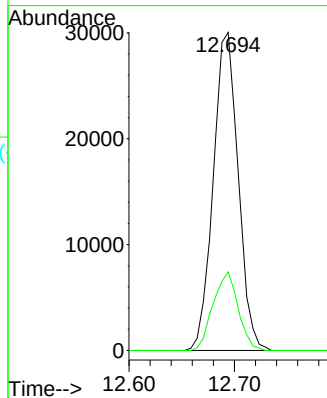
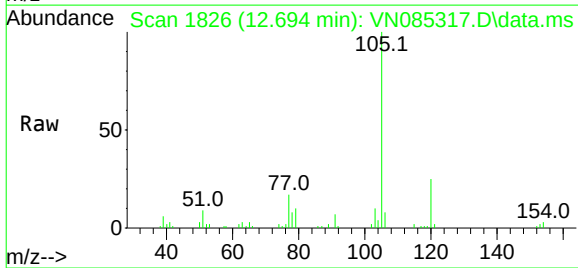
SPLP-C12-2-MRE

Tgt Ion:105 Resp: 49316

Ion Ratio Lower Upper

105 100

120 24.8 13.0 38.9



#78

n-propylbenzene

Concen: 2.056 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN085317.D

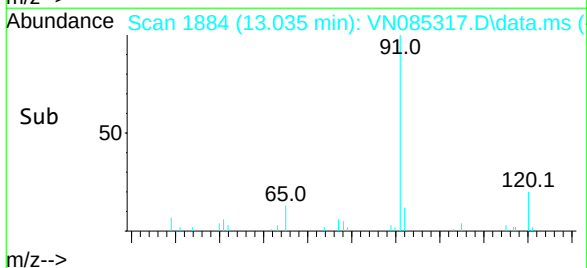
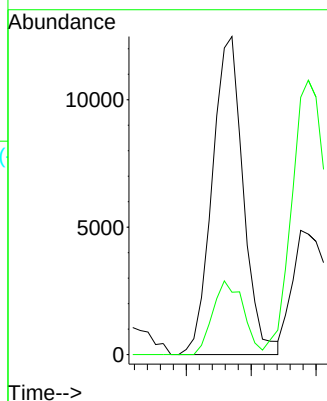
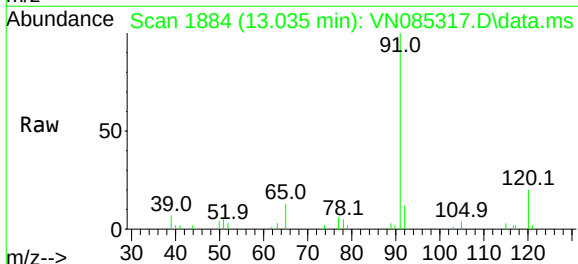
Acq: 26 Dec 2024 15:00

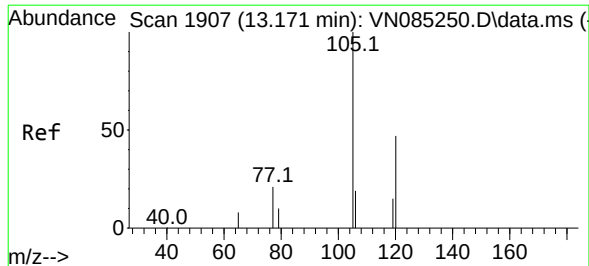
Tgt Ion: 91 Resp: 20753

Ion Ratio Lower Upper

91 100

120 22.9 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 5.675 ug/l

RT: 13.170 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :

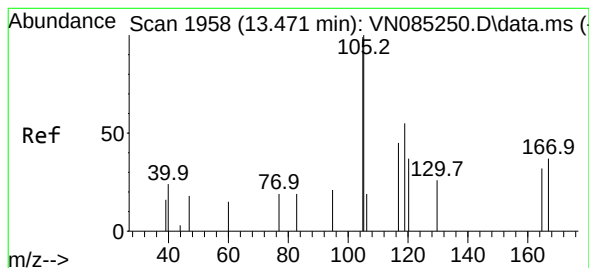
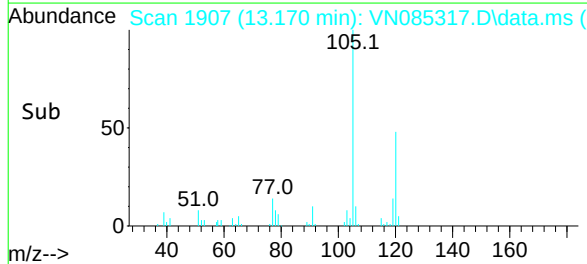
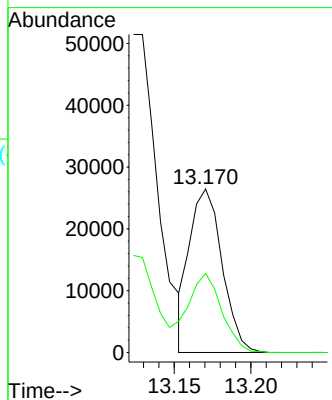
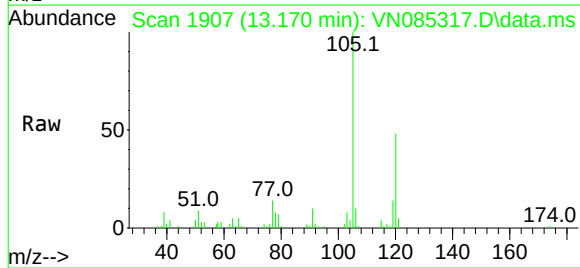
SPLP-C12-2-MRE

Tgt Ion:105 Resp: 38955

Ion Ratio Lower Upper

105 100

120 51.5 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 21.430 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085317.D

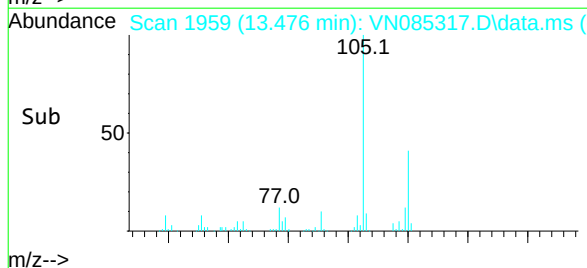
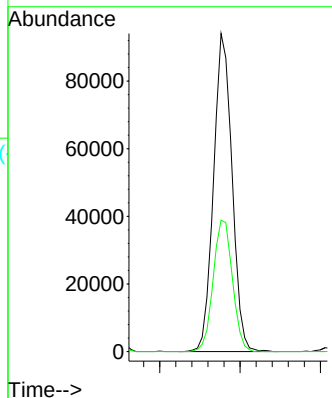
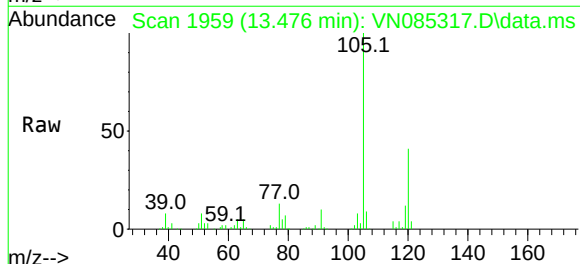
Acq: 26 Dec 2024 15:00

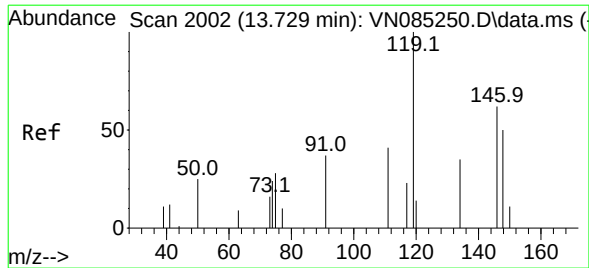
Tgt Ion:105 Resp: 150370

Ion Ratio Lower Upper

105 100

120 43.1 21.8 65.3





#86

p-Isopropyltoluene

Concen: 2.899 ug/l

RT: 13.723 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN085317.D

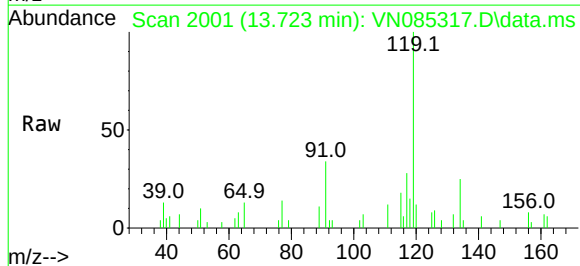
Acq: 26 Dec 2024 15:00

Instrument :

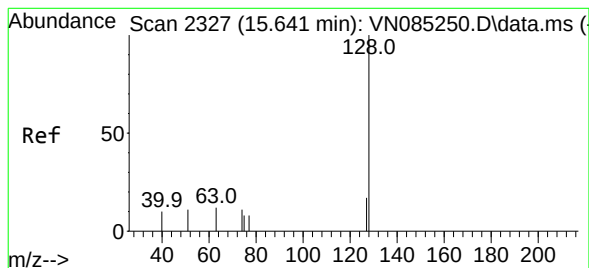
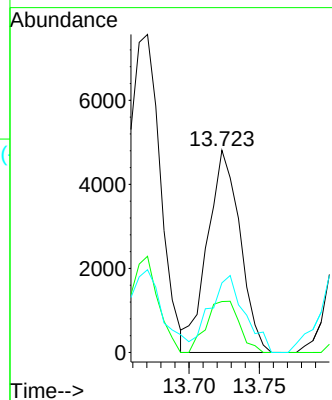
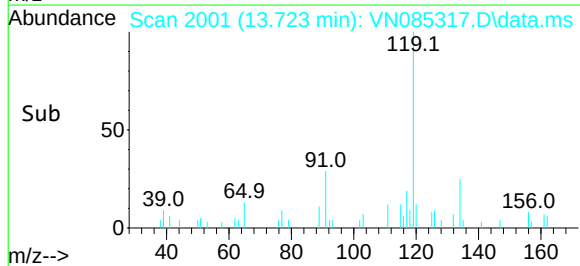
MSVOA_N

ClientSampleId :

SPLP-C12-2-MRE



Tgt Ion:	119	Resp:	7784
Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.5	37.5
91	0.0	13.0	38.9#



#95

Naphthalene

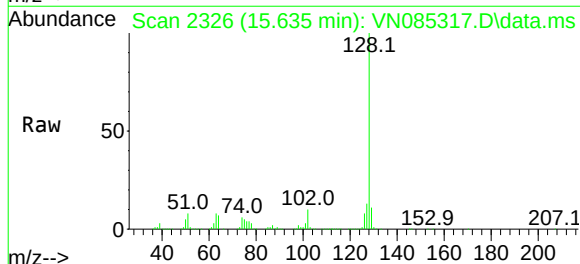
Concen: 1299.069 ug/l

RT: 15.635 min Scan# 2326

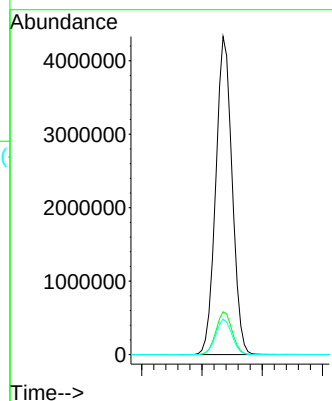
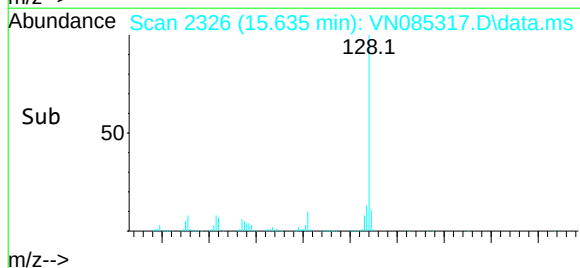
Delta R.T. -0.006 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00



Tgt Ion:	128	Resp:	8150573
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.1	8.6	13.0



Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C12-3-M	SDG No.:	P5371
Lab Sample ID:	P5371-09	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085301.D	1		12/23/24 18:00	VN122324

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	21.3	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	4.60	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	5.30		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	9.00		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	15.7		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C12-3-M	SDG No.:	P5371
Lab Sample ID:	P5371-09	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085301.D	1		12/23/24 18:00	VN122324

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	81.3		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	25.8		0.31	10.0	ug/L
95-47-6	o-Xylene	23.9		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	6.80		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	42.7		70 (74) - 130 (125)	85%	SPK: 50
1868-53-7	Dibromofluoromethane	31.8	*	70 (75) - 130 (124)	64%	SPK: 50
2037-26-5	Toluene-d8	47.3		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	160000	8.224			
540-36-3	1,4-Difluorobenzene	295000	9.094			
3114-55-4	Chlorobenzene-d5	258000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	121000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C12-3-M		SDG No.:	P5371	
Lab Sample ID:	P5371-09		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085301.D	1		12/23/24 18:00	VN122324

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_N\Data\VN122324\
 Data File : VN085301.D
 Acq On : 23 Dec 2024 18:00
 Operator : JC\MD
 Sample : P5371-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C12-3-M

Quant Time: Dec 24 04:14:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

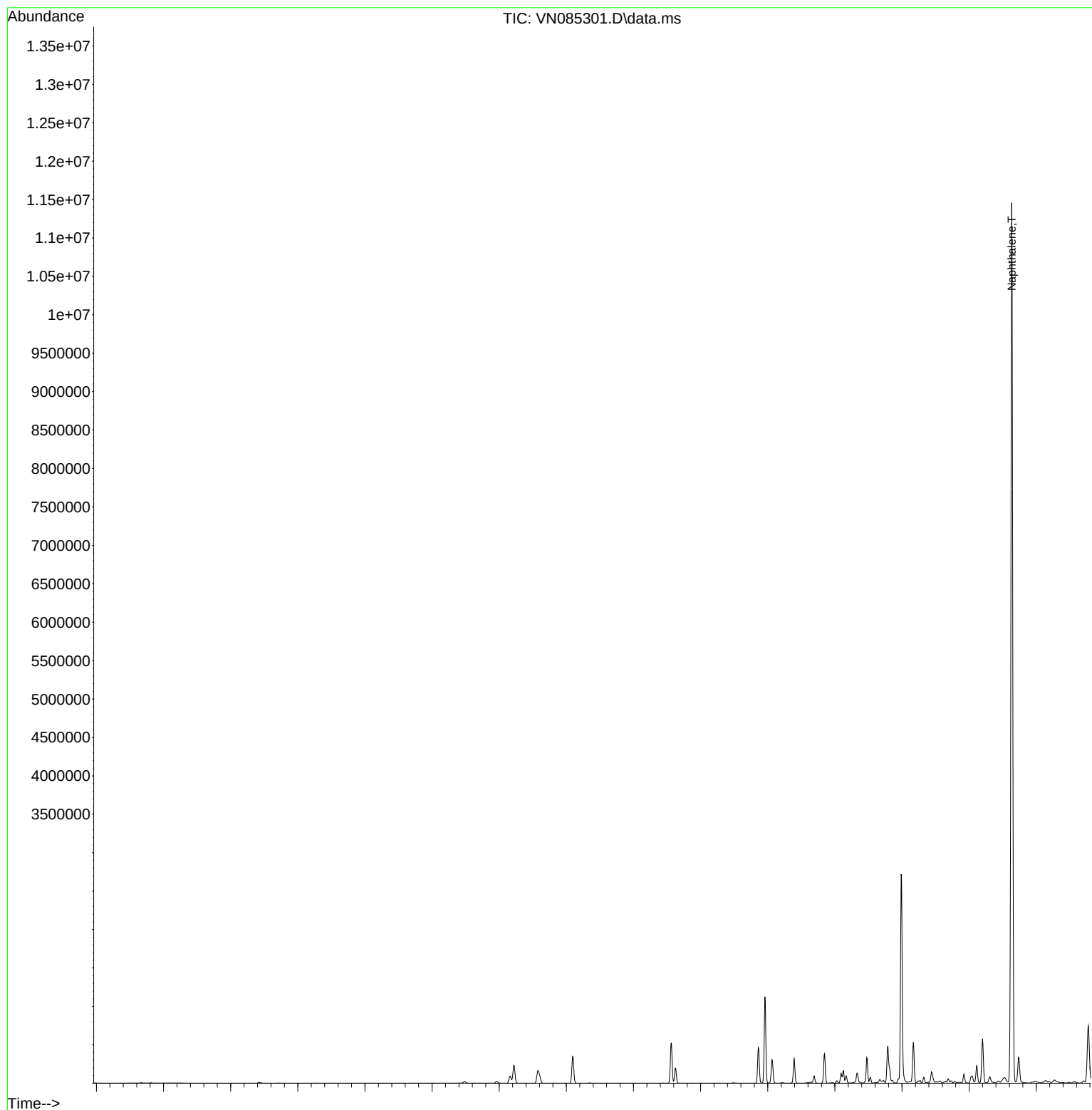
Internal Standards						
1) Pentafluorobenzene	8.224	168	160117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	295060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	257975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	119462	42.686	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.380%		
35) Dibromofluoromethane	8.165	113	65954	31.794	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	63.580%#		
50) Toluene-d8	10.565	98	358746	47.316	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.640%		
62) 4-Bromofluorobenzene	12.847	95	132488	48.923	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.840%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	20555	21.278	ug/l	93
27) cis-1,2-Dichloroethene	7.488	96	10713	4.567	ug/l	87
30) Chloroform	7.959	83	22213	5.318	ug/l	97
40) Benzene	8.600	78	80849	8.997	ug/l	99
52) Toluene	10.624	92	84793	15.693	ug/l	98
67) Ethyl Benzene	11.959	91	807585	81.250	ug/l	98
68) m/p-Xylenes	12.065	106	95902	25.798	ug/l	96
69) o-Xylene	12.394	106	83544	23.909	ug/l	98
73) Isopropylbenzene	12.694	105	59506	6.807	ug/l	99
78) n-propylbenzene	13.029	91	24596	2.294	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	47539	6.520	ug/l	93
84) 1,2,4-Trimethylbenzene	13.476	105	181356	24.334	ug/l	99
86) p-Isopropyltoluene	13.729	119	9927	3.091	ug/l #	74
95) Naphthalene	15.635	128	9862396	1479.947	ug/l	99

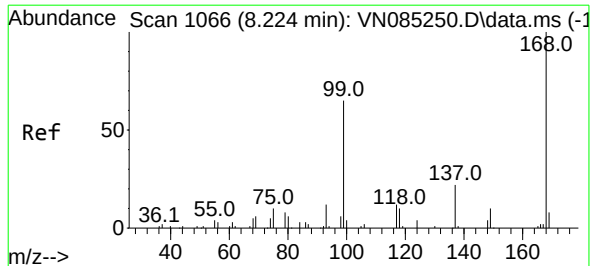
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085301.D
Acq On : 23 Dec 2024 18:00
Operator : JC\MD
Sample : P5371-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-3-M

Quant Time: Dec 24 04:14:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

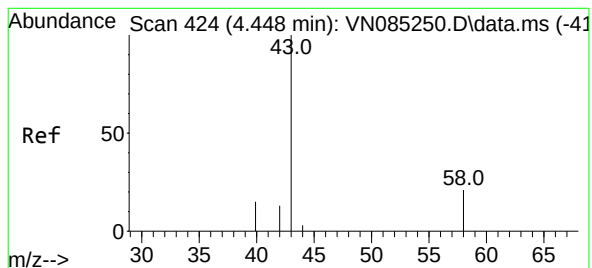
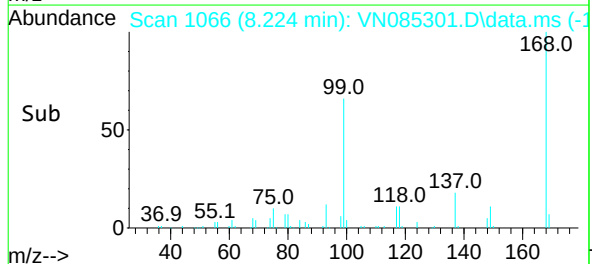
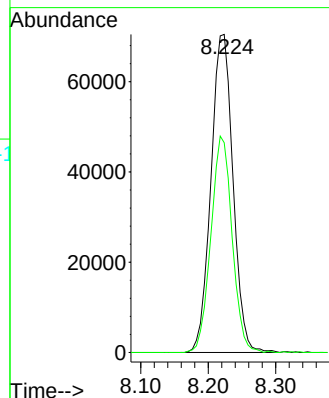
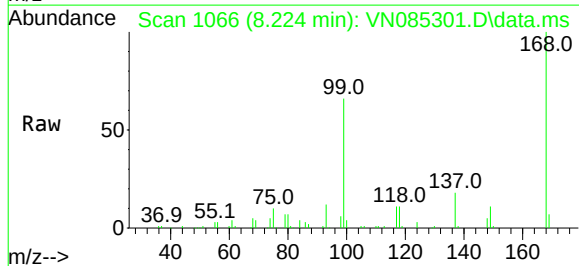




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085301.D
Acq: 23 Dec 2024 18:00

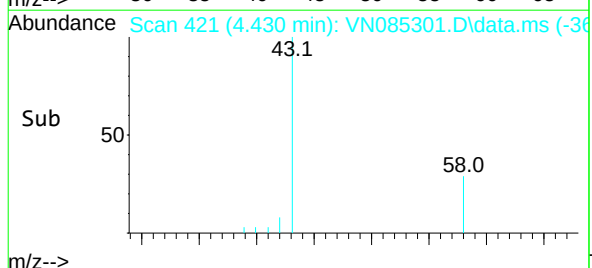
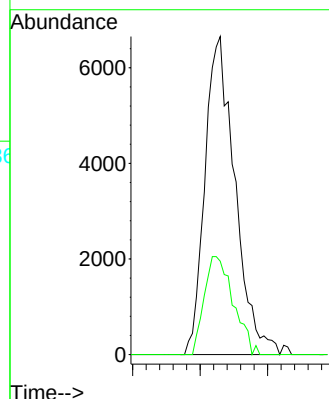
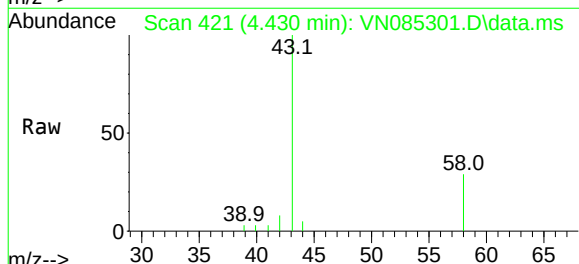
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-3-M

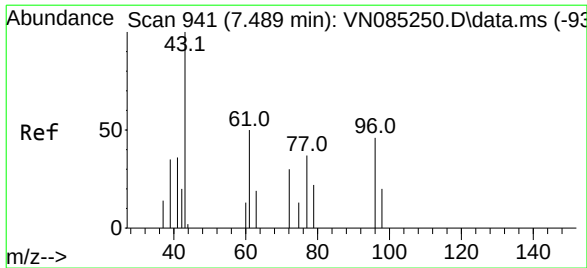
Tgt Ion:168 Resp: 160117
Ion Ratio Lower Upper
168 100
99 65.9 50.7 76.1



#16
Acetone
Concen: 21.278 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085301.D
Acq: 23 Dec 2024 18:00

Tgt Ion: 43 Resp: 20555
Ion Ratio Lower Upper
43 100
58 29.4 20.8 31.2

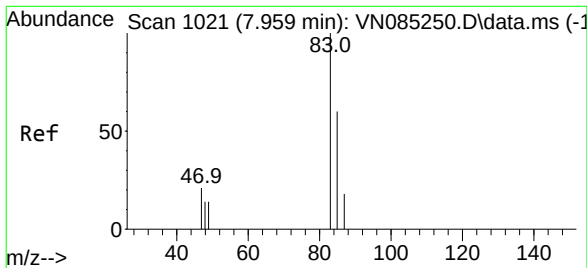
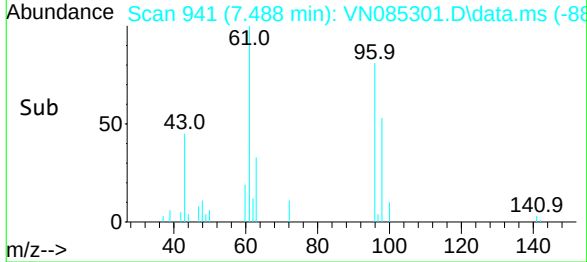
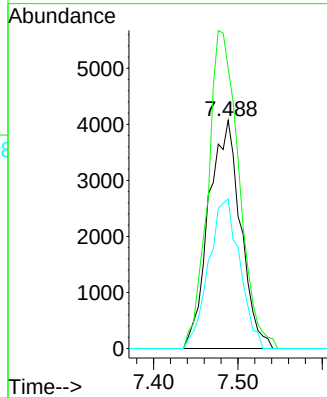
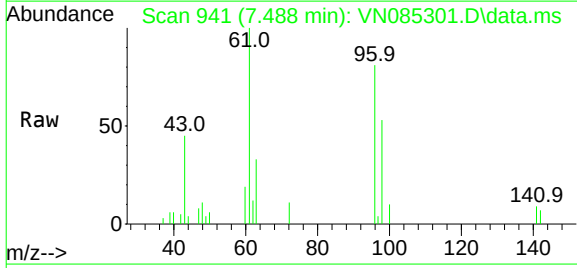




#27
cis-1,2-Dichloroethene
Concen: 4.567 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085301.D
Acq: 23 Dec 2024 18:00

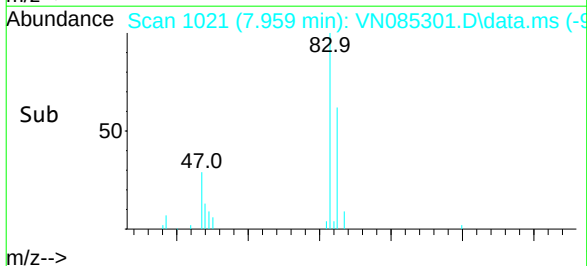
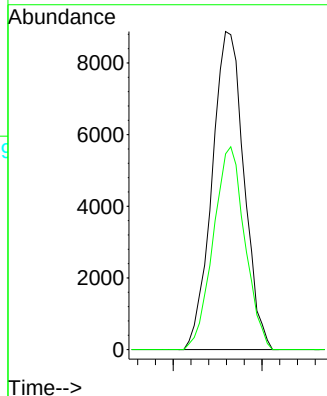
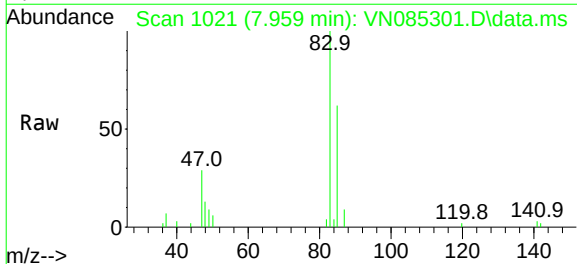
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-3-M

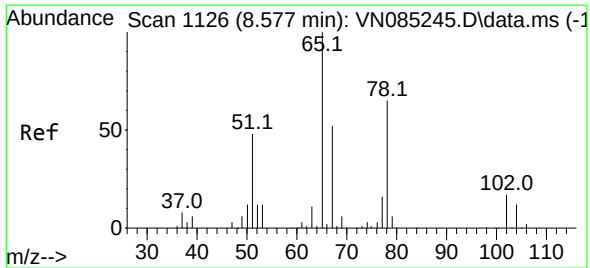
Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	316.4
98	63.9	0.0	125.4



#30
Chloroform
Concen: 5.318 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085301.D
Acq: 23 Dec 2024 18:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.4	77.0

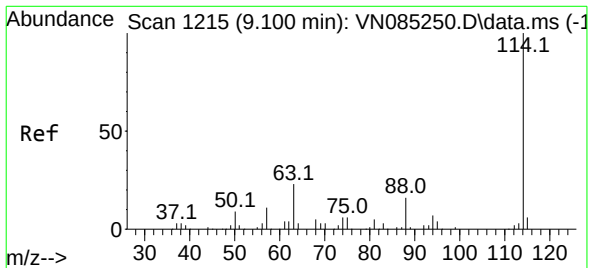
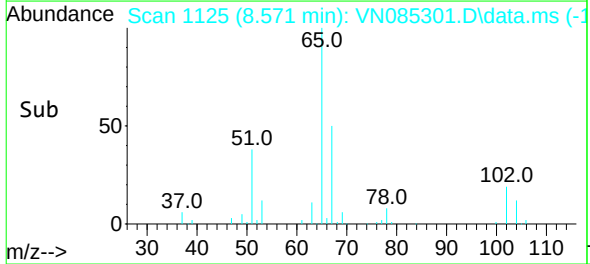
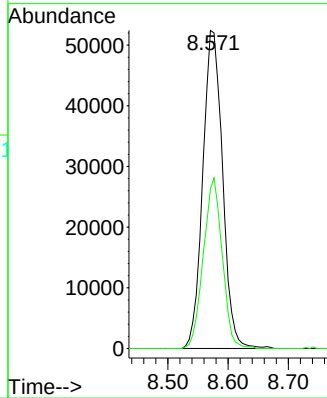
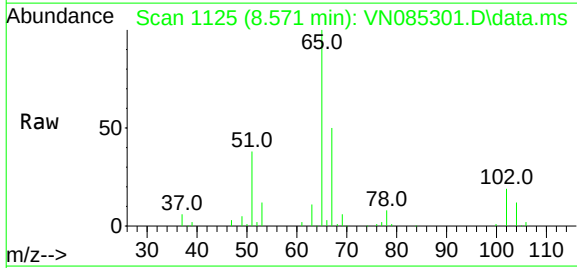




#33
1,2-Dichloroethane-d4
Concen: 42.686 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085301.D
Acq: 23 Dec 2024 18:00

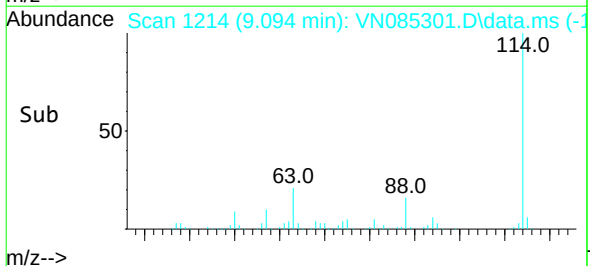
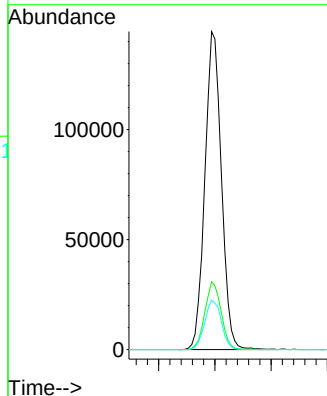
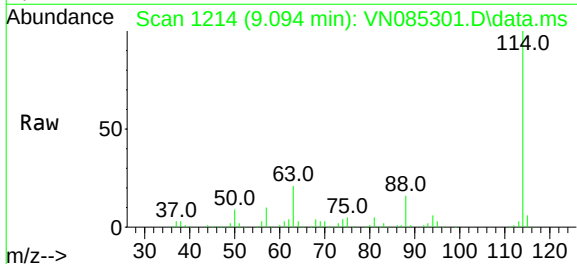
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-3-M

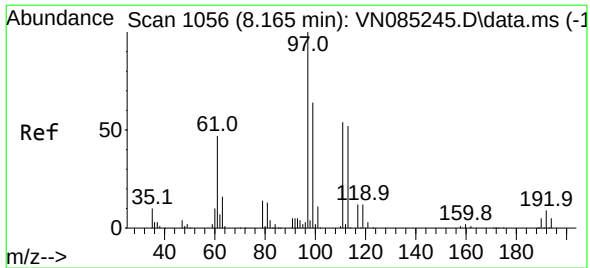
Tgt Ion: 65 Resp: 119462
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085301.D
Acq: 23 Dec 2024 18:00

Tgt Ion: 114 Resp: 295060
Ion Ratio Lower Upper
114 100
63 21.3 0.0 46.2
88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 31.794 ug/l

RT: 8.165 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN085301.D

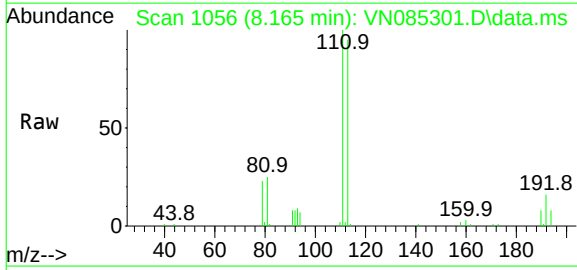
Acq: 23 Dec 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-3-M



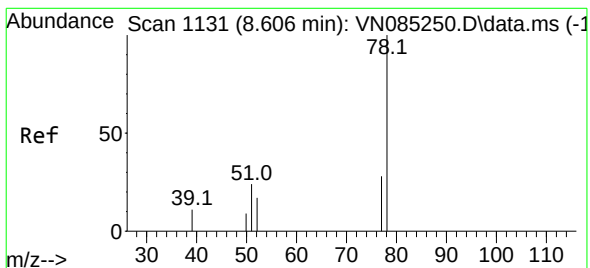
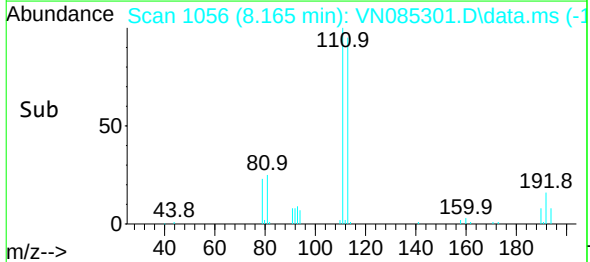
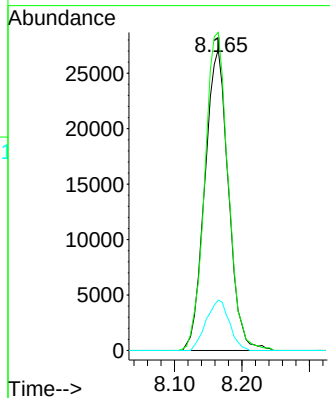
Tgt Ion:113 Resp: 65954

Ion Ratio Lower Upper

113 100

111 104.9 82.1 123.1

192 16.4 13.4 20.0



#40

Benzene

Concen: 8.997 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085301.D

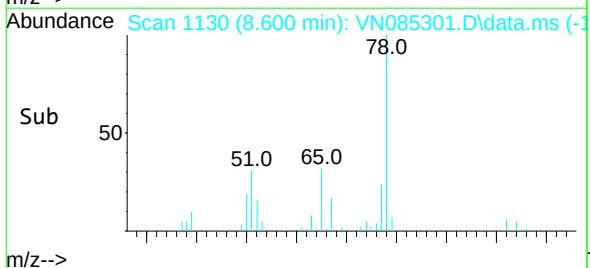
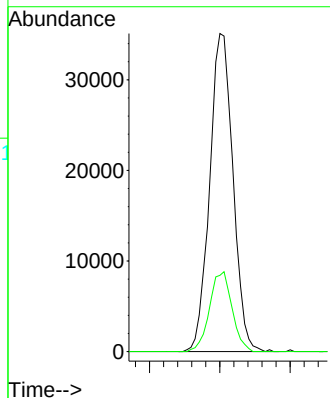
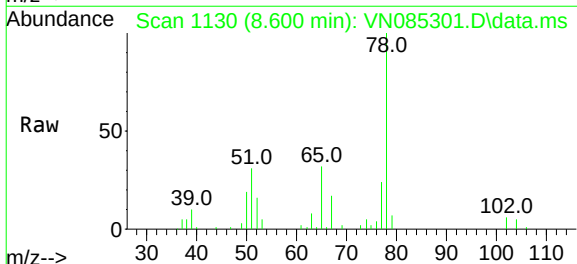
Acq: 23 Dec 2024 18:00

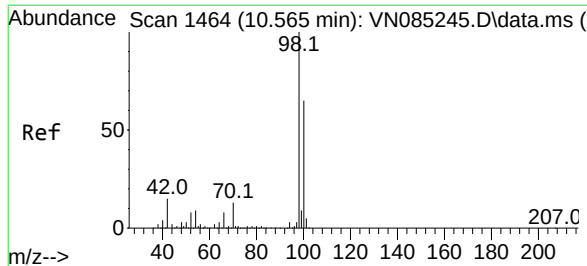
Tgt Ion: 78 Resp: 80849

Ion Ratio Lower Upper

78 100

77 24.0 18.9 28.3





#50

Toluene-d8

Concen: 47.316 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085301.D

Acq: 23 Dec 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

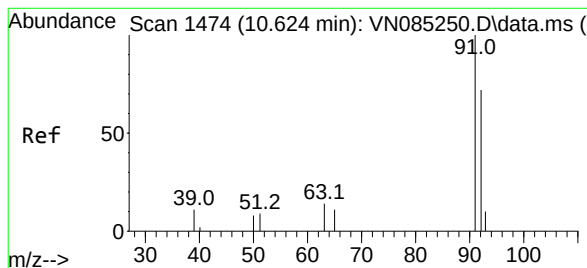
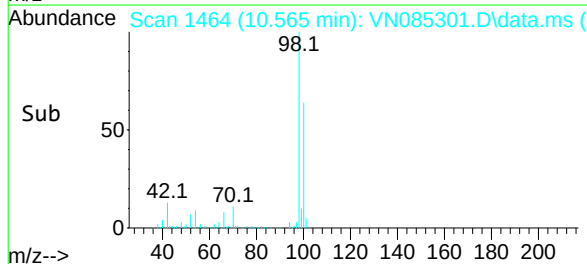
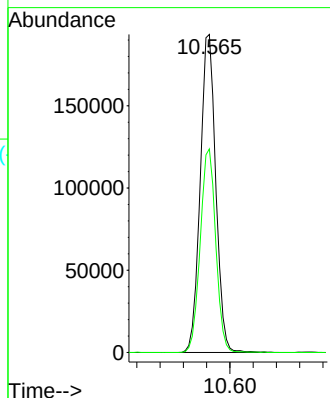
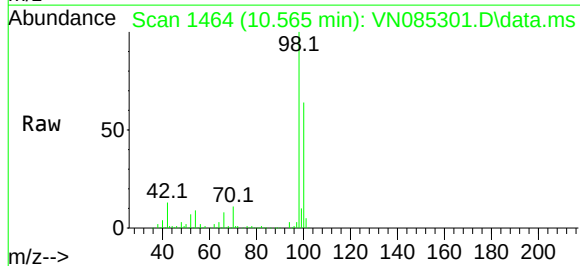
SPLP-C12-3-M

Tgt Ion: 98 Resp: 358746

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#52

Toluene

Concen: 15.693 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085301.D

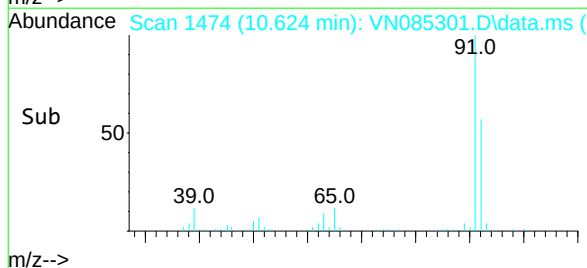
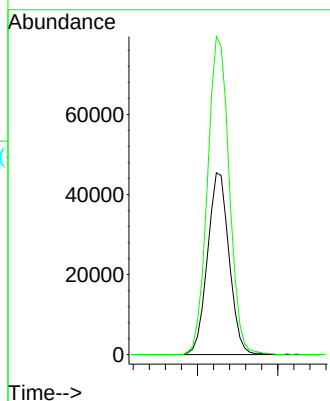
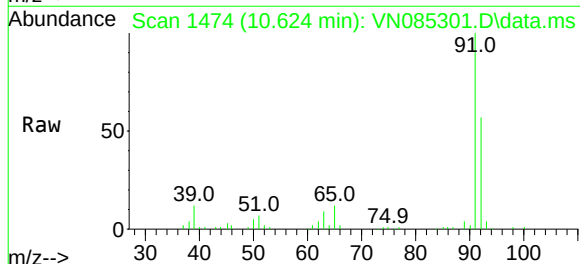
Acq: 23 Dec 2024 18:00

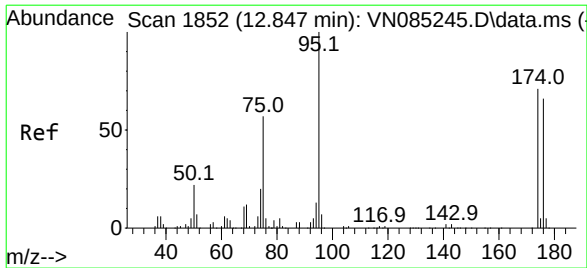
Tgt Ion: 92 Resp: 84793

Ion Ratio Lower Upper

92 100

91 176.5 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 48.923 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085301.D

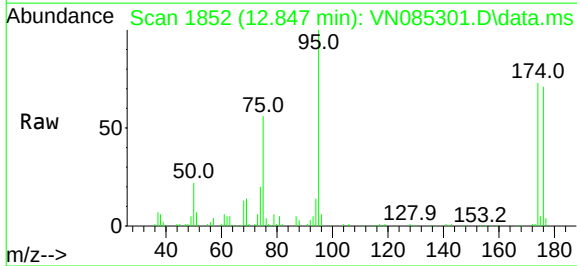
Acq: 23 Dec 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-3-M



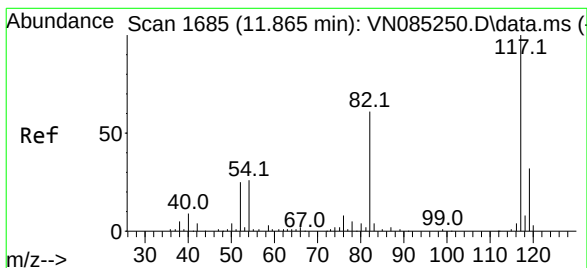
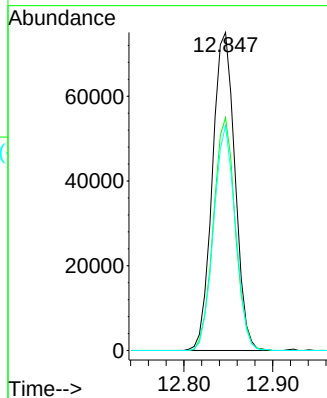
Tgt Ion: 95 Resp: 132488

Ion Ratio Lower Upper

95 100

174 70.8 0.0 144.4

176 68.1 0.0 136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VN085301.D

Acq: 23 Dec 2024 18:00

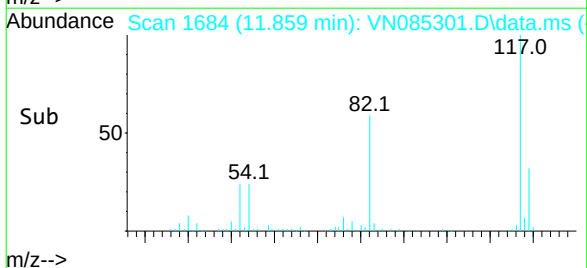
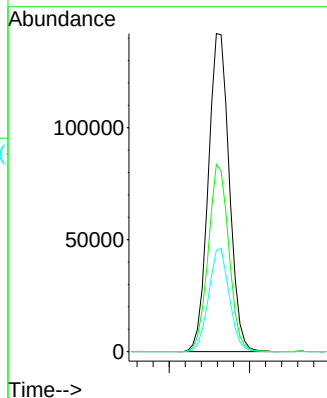
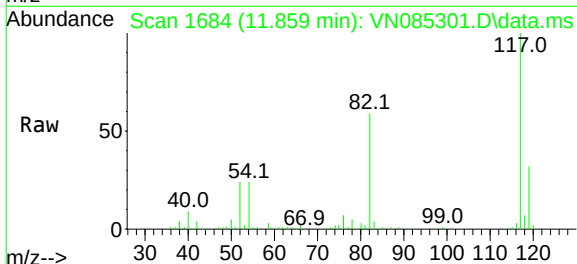
Tgt Ion: 117 Resp: 257975

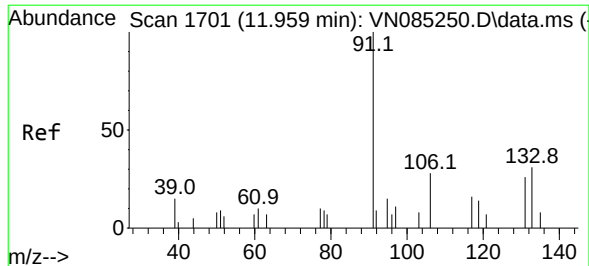
Ion Ratio Lower Upper

117 100

82 58.8 47.4 71.2

119 31.8 25.6 38.4





#67

Ethyl Benzene

Concen: 81.250 ug/l

RT: 11.959 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN085301.D

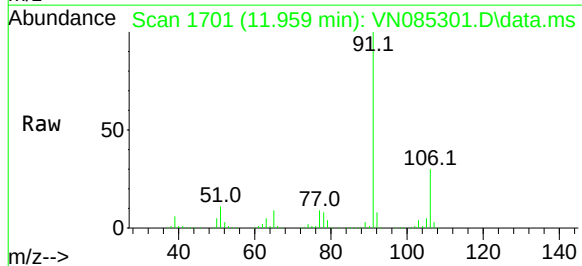
Acq: 23 Dec 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-3-M

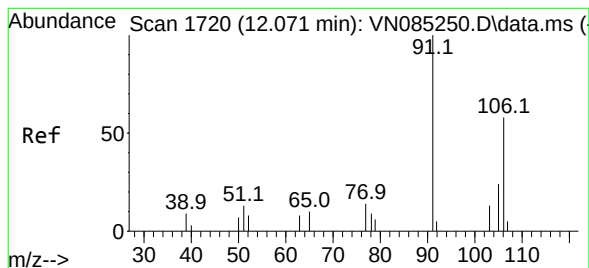
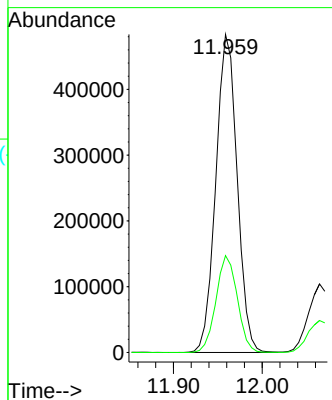
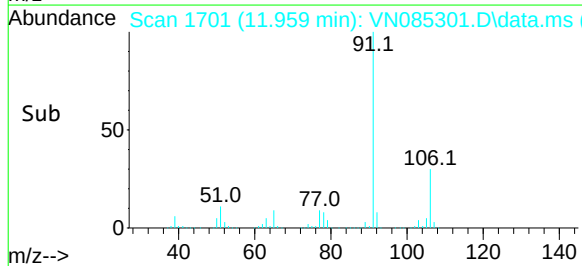


Tgt Ion: 91 Resp: 807585

Ion Ratio Lower Upper

91 100

106 30.5 23.5 35.3



#68

m/p-Xylenes

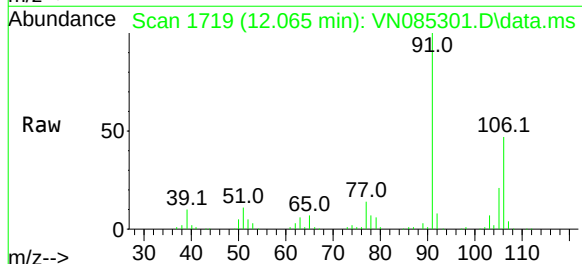
Concen: 25.798 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085301.D

Acq: 23 Dec 2024 18:00

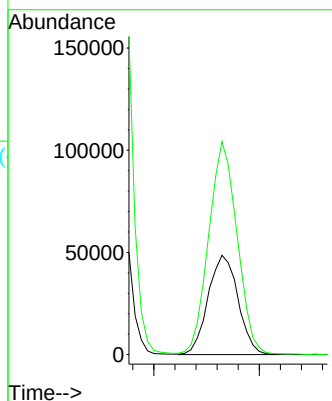
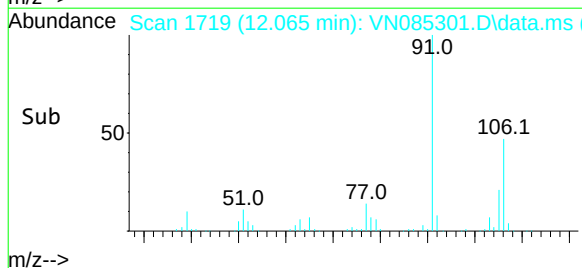


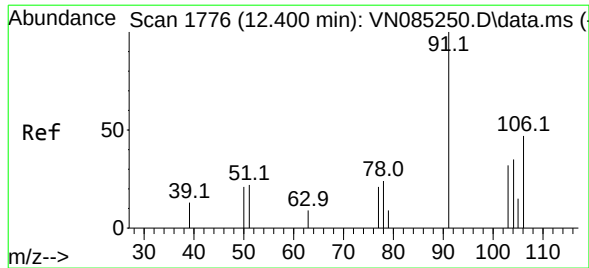
Tgt Ion: 106 Resp: 95902

Ion Ratio Lower Upper

106 100

91 204.9 168.3 252.5





#69

o-Xylene

Concen: 23.909 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085301.D

Acq: 23 Dec 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

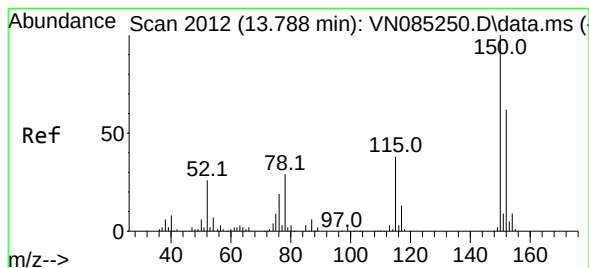
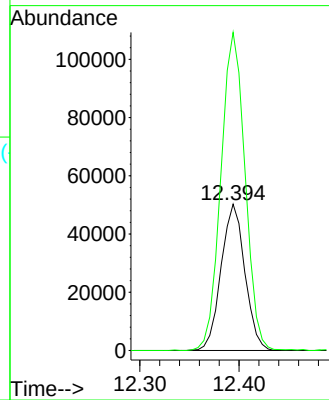
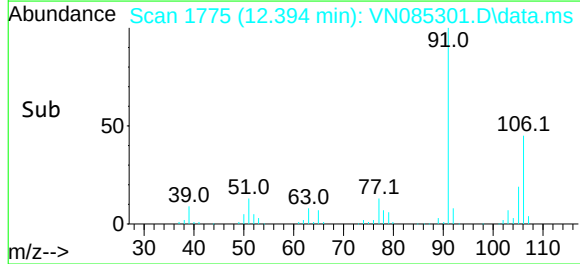
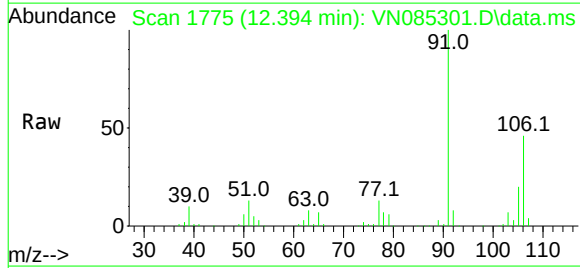
SPLP-C12-3-M

Tgt Ion:106 Resp: 83544

Ion Ratio Lower Upper

106 100

91 221.6 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085301.D

Acq: 23 Dec 2024 18:00

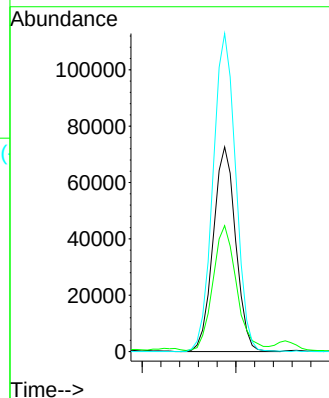
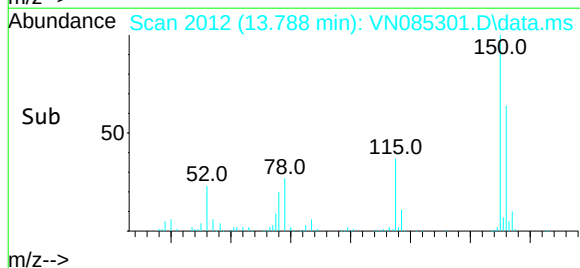
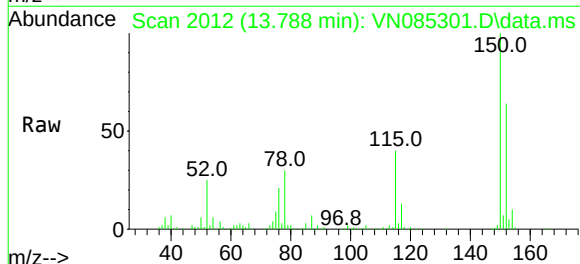
Tgt Ion:152 Resp: 121176

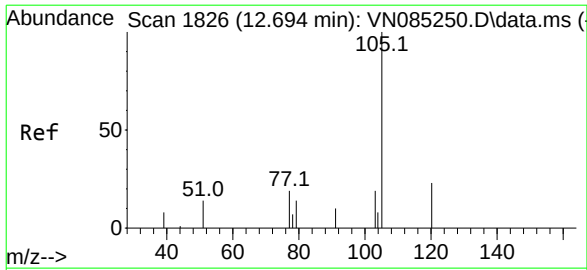
Ion Ratio Lower Upper

152 100

115 64.3 32.1 96.3

150 156.9 0.0 354.6





#73

Isopropylbenzene

Concen: 6.807 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085301.D

Acq: 23 Dec 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

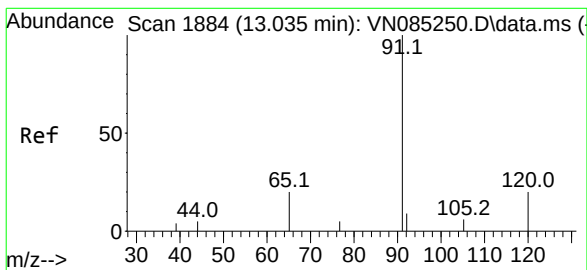
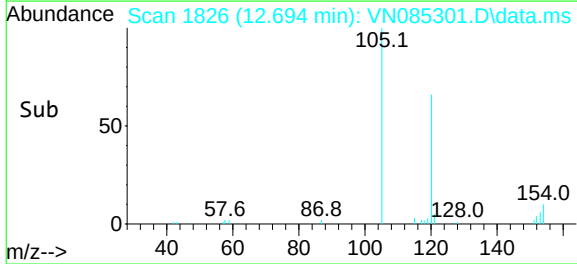
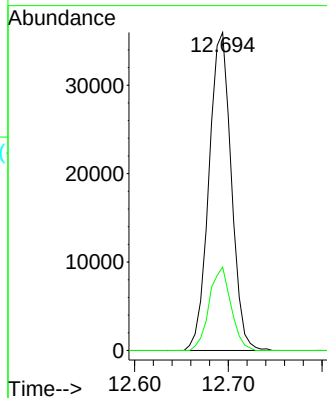
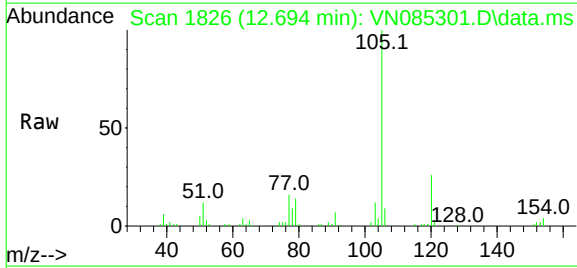
SPLP-C12-3-M

Tgt Ion:105 Resp: 59506

Ion Ratio Lower Upper

105 100

120 25.6 13.0 38.9



#78

n-propylbenzene

Concen: 2.294 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN085301.D

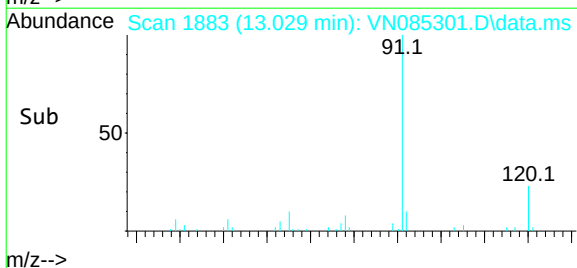
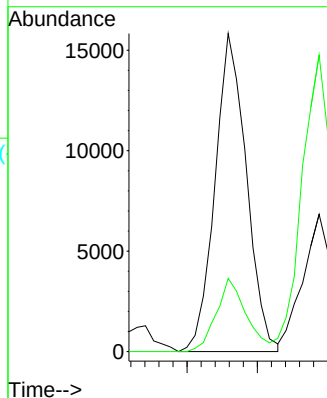
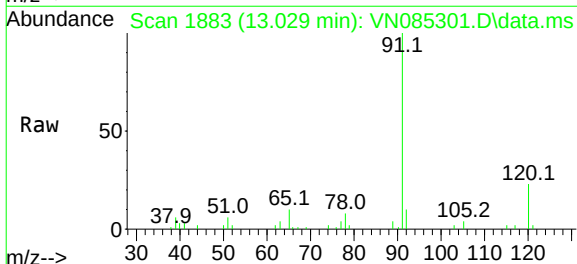
Acq: 23 Dec 2024 18:00

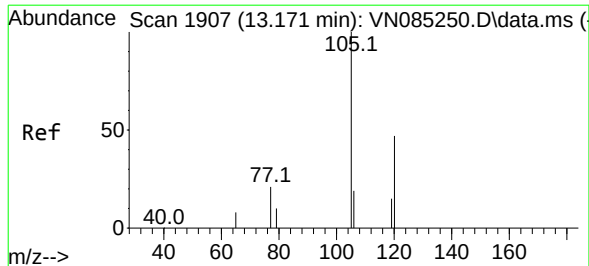
Tgt Ion: 91 Resp: 24596

Ion Ratio Lower Upper

91 100

120 21.9 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 6.520 ug/l

RT: 13.170 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085301.D

Acq: 23 Dec 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

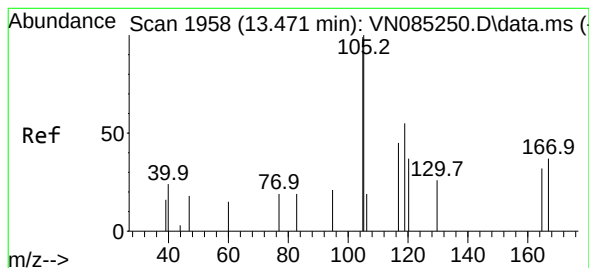
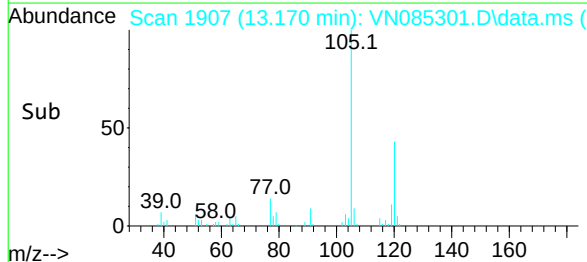
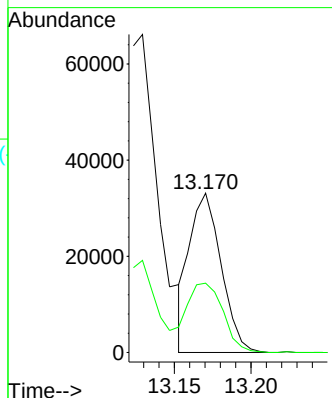
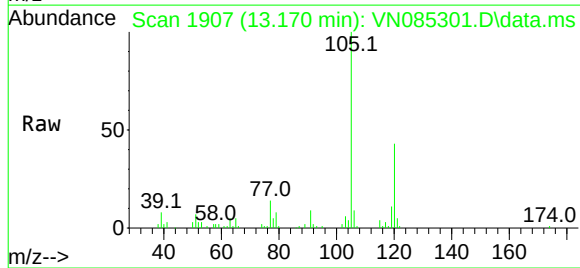
SPLP-C12-3-M

Tgt Ion:105 Resp: 47539

Ion Ratio Lower Upper

105 100

120 51.7 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 24.334 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085301.D

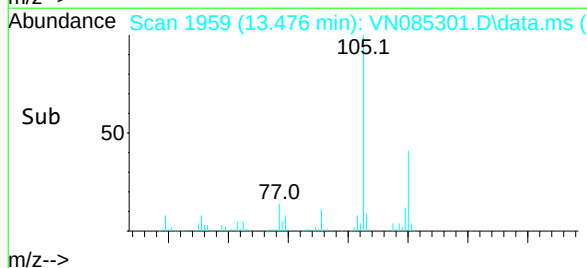
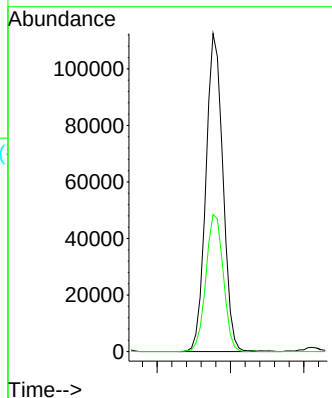
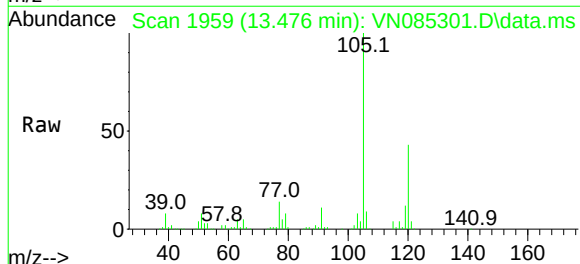
Acq: 23 Dec 2024 18:00

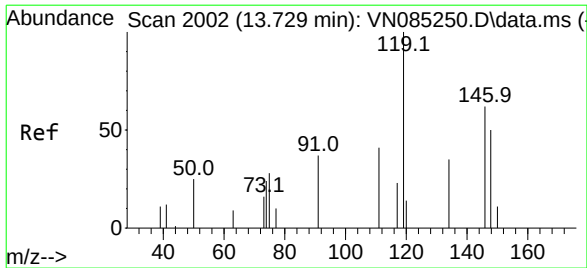
Tgt Ion:105 Resp: 181356

Ion Ratio Lower Upper

105 100

120 44.0 21.8 65.3





#86

p-Isopropyltoluene

Concen: 3.091 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085301.D

Acq: 23 Dec 2024 18:00

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-3-M

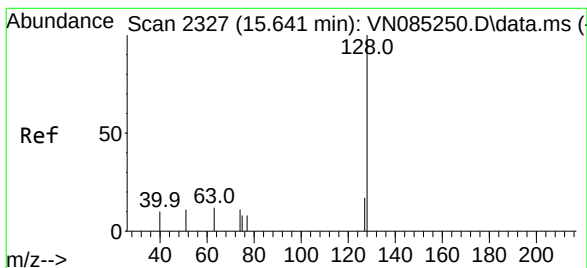
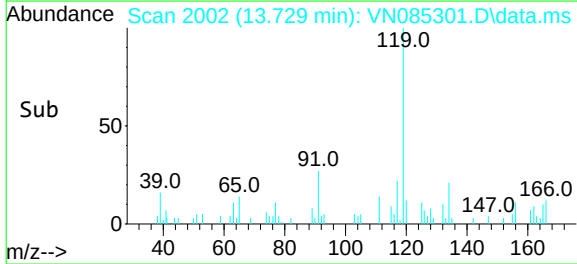
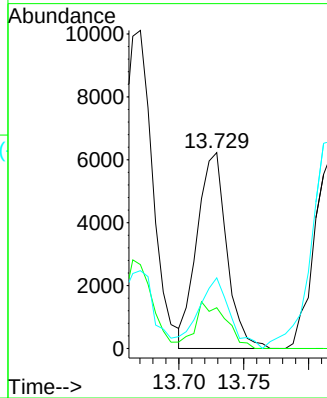
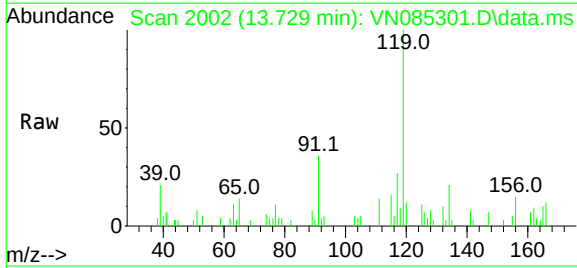
Tgt Ion:119 Resp: 9927

Ion Ratio Lower Upper

119 100

134 24.4 12.5 37.5

91 0.0 13.0 38.9#



#95

Naphthalene

Concen: 1479.947 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085301.D

Acq: 23 Dec 2024 18:00

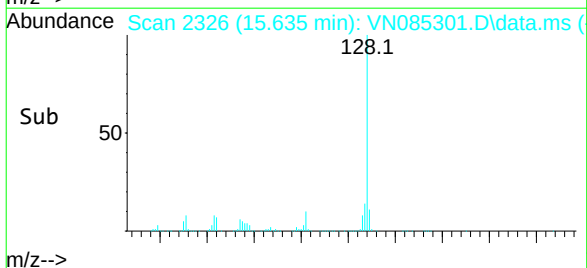
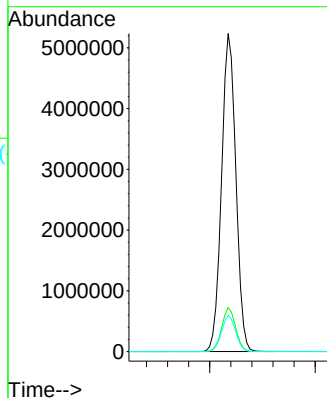
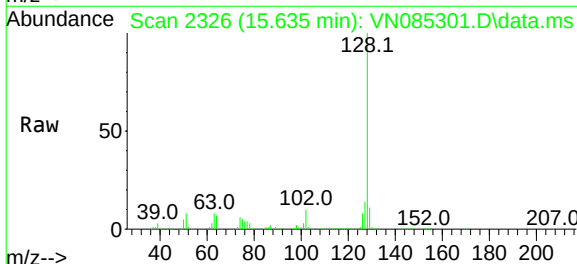
Tgt Ion:128 Resp: 9862396

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.2 8.6 13.0



Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C12-3-MRE		SDG No.:	P5371	
Lab Sample ID:	P5371-09RE		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085318.D	1		12/26/24 15:24	VN122624

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	24.8	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	4.80	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	5.40		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	9.50		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	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	16.8		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	12/20/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	12/20/24
Client Sample ID:	SPLP-C12-3-MRE	SDG No.:	P5371
Lab Sample ID:	P5371-09RE	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085318.D	1		12/26/24 15:24	VN122624

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	83.9		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	26.4		0.31	10.0	ug/L
95-47-6	o-Xylene	25.4		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	7.00		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	43.4		70 (74) - 130 (125)	87%	SPK: 50
1868-53-7	Dibromofluoromethane	32.4	*	70 (75) - 130 (124)	65%	SPK: 50
2037-26-5	Toluene-d8	47.6		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	149000	8.218			
540-36-3	1,4-Difluorobenzene	273000	9.1			
3114-55-4	Chlorobenzene-d5	240000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	111000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	12/20/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	12/20/24	
Client Sample ID:	SPLP-C12-3-MRE		SDG No.:	P5371	
Lab Sample ID:	P5371-09RE		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085318.D	1		12/26/24 15:24	VN122624

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_N\Data\VN122624\
 Data File : VN085318.D
 Acq On : 26 Dec 2024 15:24
 Operator : JC\MD
 Sample : P5371-09RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C12-3-MRE

Quant Time: Dec 27 00:47:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

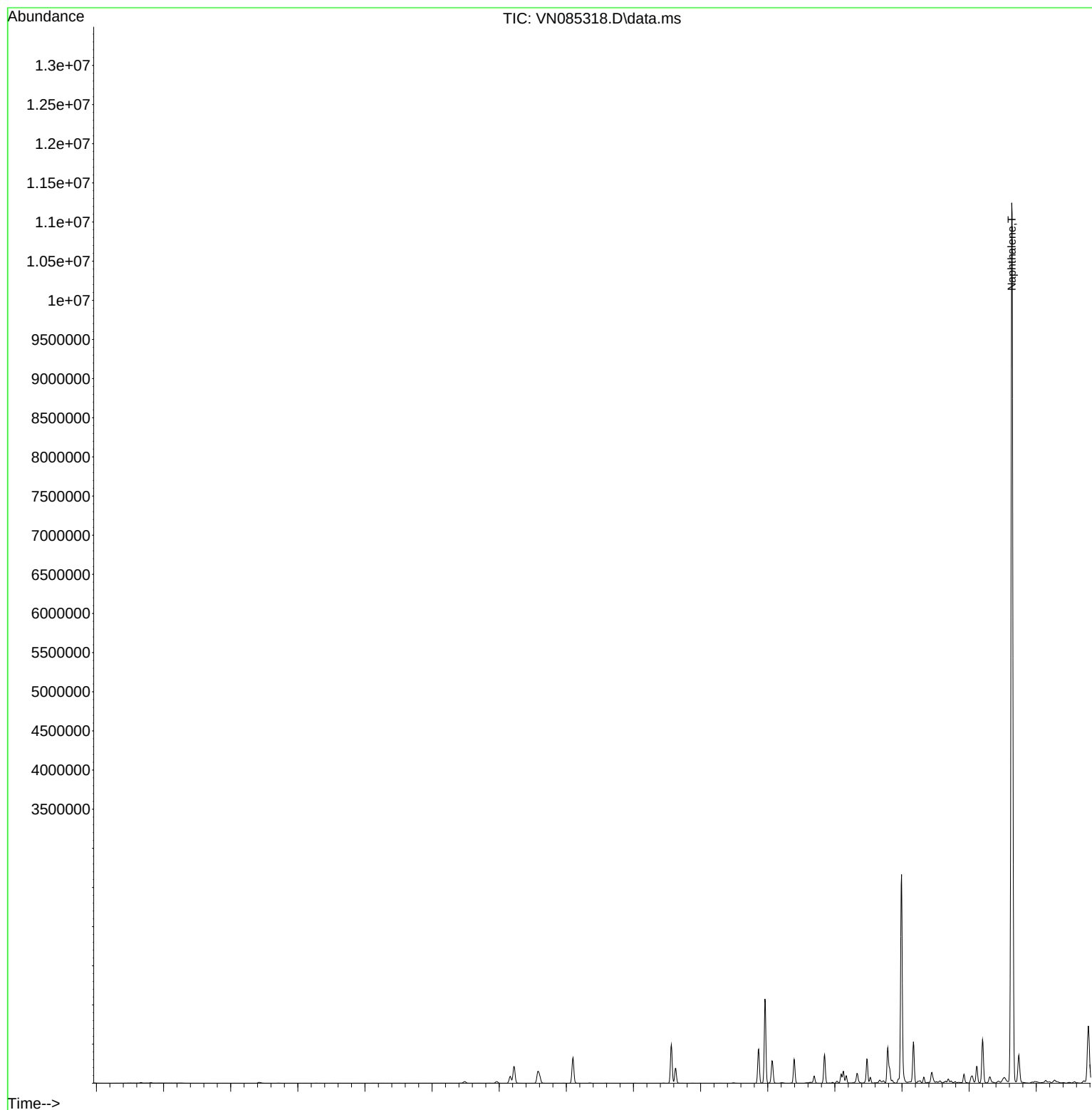
Internal Standards						
1) Pentafluorobenzene	8.218	168	149058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112978	43.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.720%		
35) Dibromofluoromethane	8.165	113	62259	32.426	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	64.860%#		
50) Toluene-d8	10.565	98	333732	47.556	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.120%		
62) 4-Bromofluorobenzene	12.847	95	122388	48.828	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.660%		
Target Compounds					Qvalue	
16) Acetone	4.424	43	22328	24.828	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	10503	4.809	ug/l	83
30) Chloroform	7.959	83	21136	5.436	ug/l	95
40) Benzene	8.606	78	79231	9.526	ug/l	98
52) Toluene	10.623	92	84012	16.799	ug/l	100
67) Ethyl Benzene	11.959	91	775384	83.904	ug/l	97
68) m/p-Xylenes	12.065	106	91281	26.410	ug/l	98
69) o-Xylene	12.394	106	82573	25.417	ug/l	96
73) Isopropylbenzene	12.694	105	56079	7.024	ug/l	99
78) n-propylbenzene	13.029	91	23138	2.363	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	45334	6.808	ug/l	92
84) 1,2,4-Trimethylbenzene	13.476	105	174575	25.647	ug/l	99
86) p-Isopropyltoluene	13.723	119	9385	3.131	ug/l #	73
95) Naphthalene	15.635	128	9995820	1642.332	ug/l	99

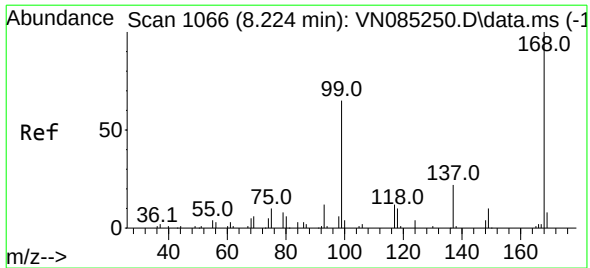
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085318.D
Acq On : 26 Dec 2024 15:24
Operator : JC\MD
Sample : P5371-09RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-3-MRE

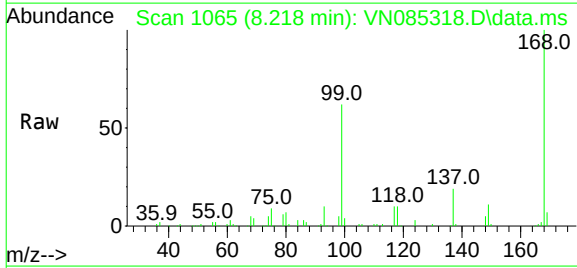
Quant Time: Dec 27 00:47:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



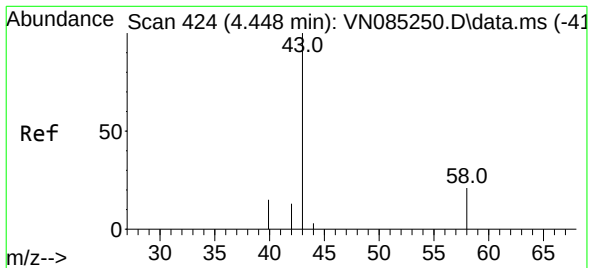
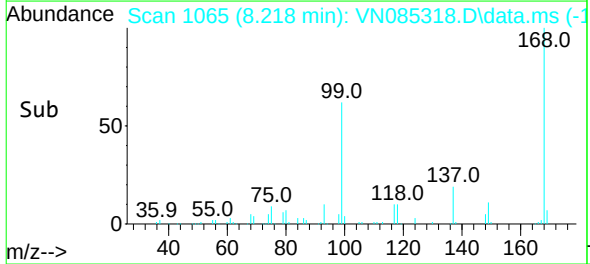
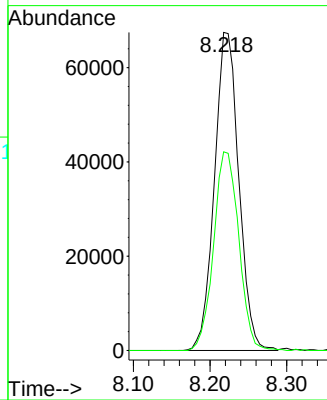


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-3-MRE

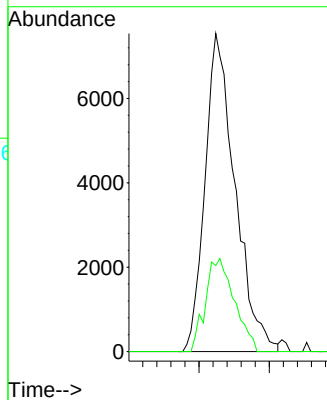
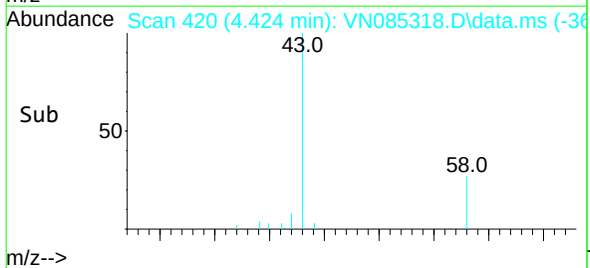
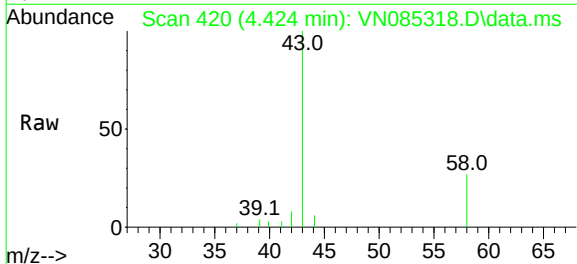


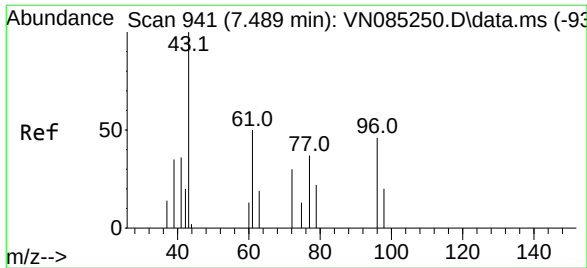
Tgt Ion:168 Resp: 149058
Ion Ratio Lower Upper
168 100
99 62.5 50.7 76.1



#16
Acetone
Concen: 24.828 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 43 Resp: 22328
Ion Ratio Lower Upper
43 100
58 27.1 20.8 31.2





#27

cis-1,2-Dichloroethene

Concen: 4.809 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN085318.D

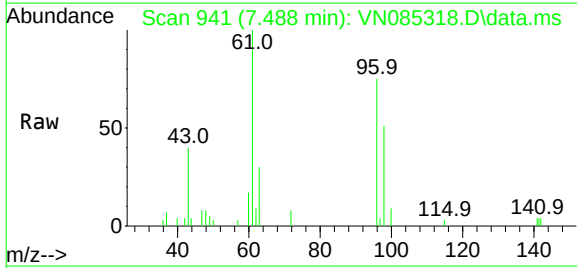
Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-3-MRE



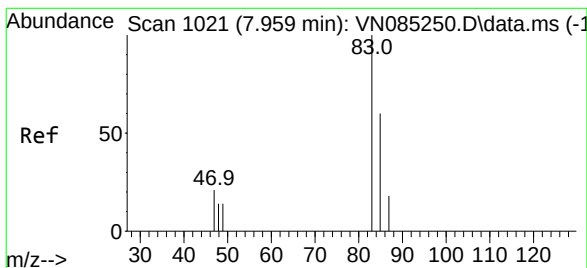
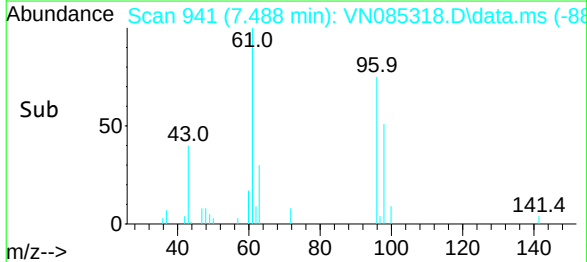
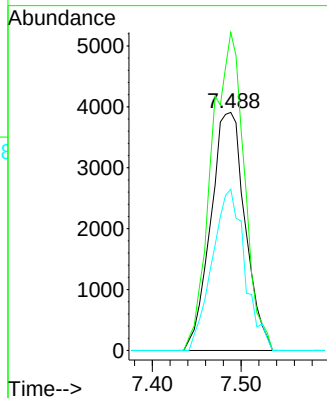
Tgt Ion: 96 Resp: 10503

Ion Ratio Lower Upper

96 100

61 127.5 0.0 316.4

98 64.4 0.0 125.4



#30

Chloroform

Concen: 5.436 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN085318.D

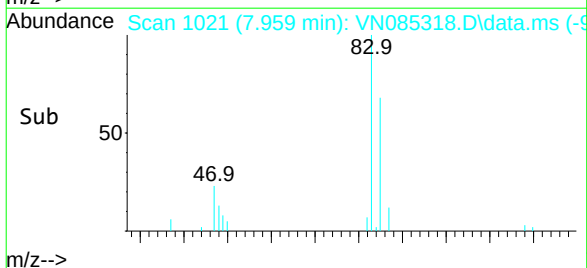
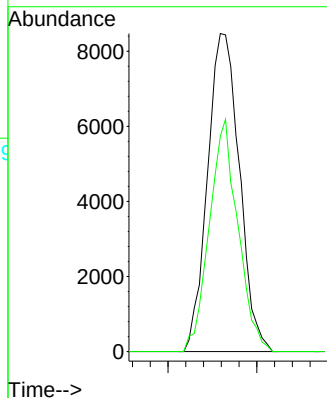
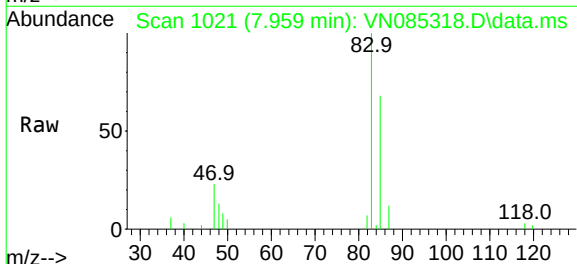
Acq: 26 Dec 2024 15:24

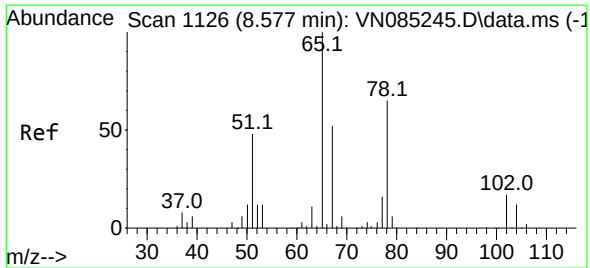
Tgt Ion: 83 Resp: 21136

Ion Ratio Lower Upper

83 100

85 67.7 51.4 77.0

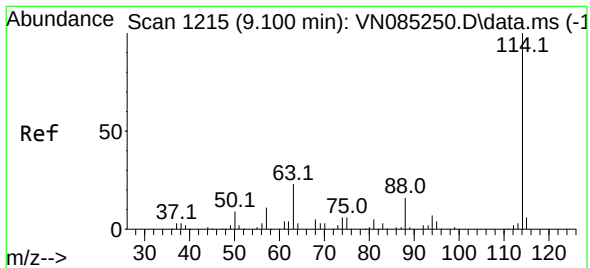
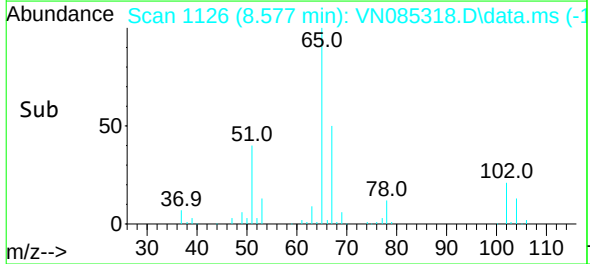
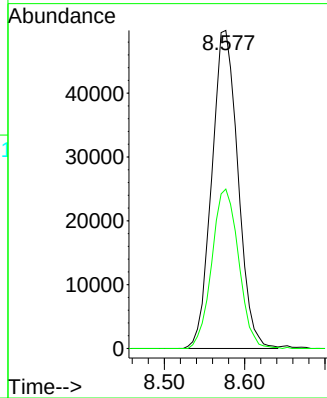
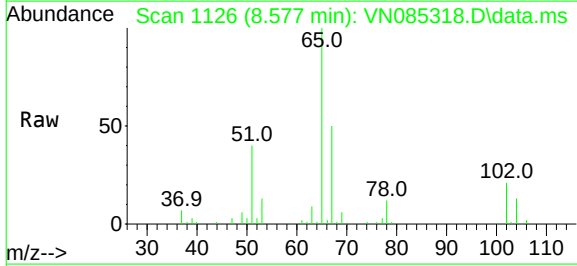




#33
1,2-Dichloroethane-d4
Concen: 43.365 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

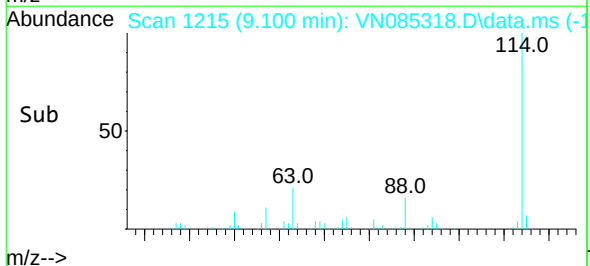
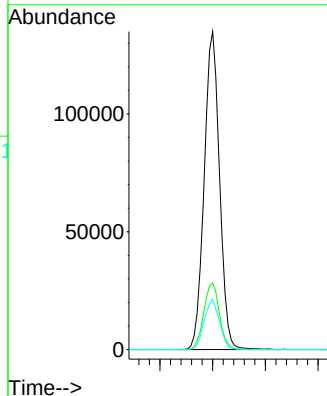
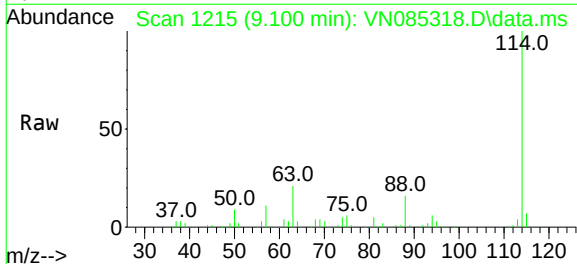
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-3-MRE

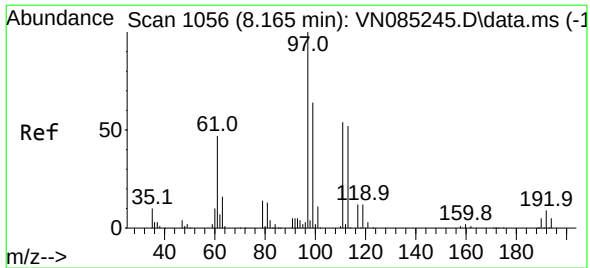
Tgt Ion: 65 Resp: 112978
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 114 Resp: 273099
Ion Ratio Lower Upper
114 100
63 21.0 0.0 46.2
88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 32.426 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085318.D

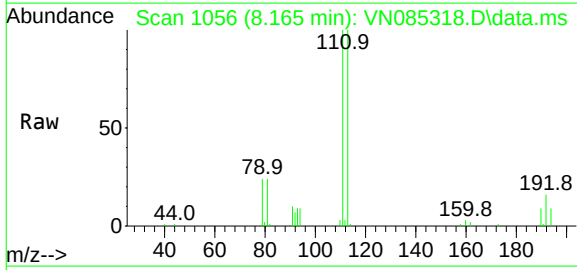
Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-3-MRE



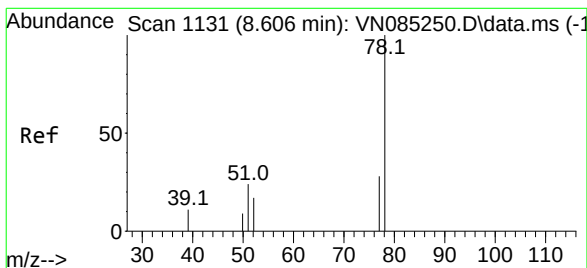
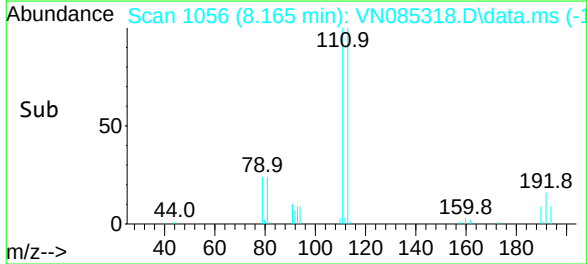
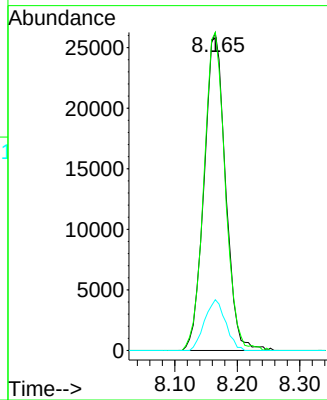
Tgt Ion:113 Resp: 62259

Ion Ratio Lower Upper

113 100

111 99.7 82.1 123.1

192 15.7 13.4 20.0



#40

Benzene

Concen: 9.526 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085318.D

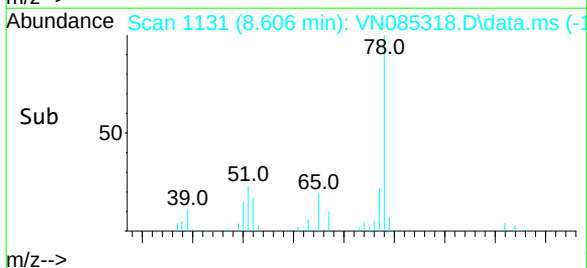
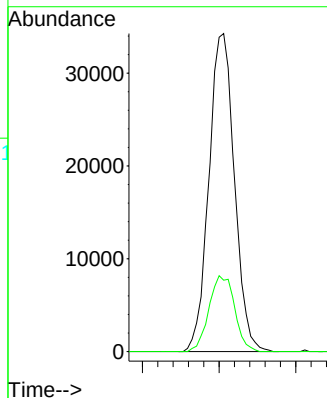
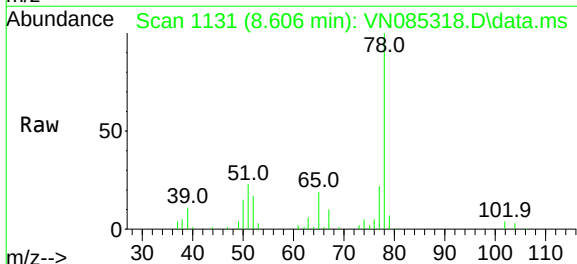
Acq: 26 Dec 2024 15:24

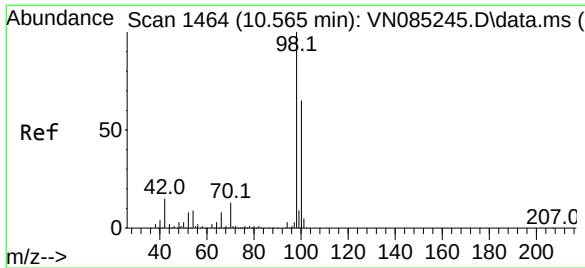
Tgt Ion: 78 Resp: 79231

Ion Ratio Lower Upper

78 100

77 22.4 18.9 28.3





#50

Toluene-d8

Concen: 47.556 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

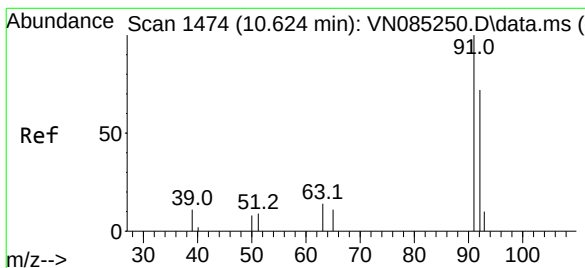
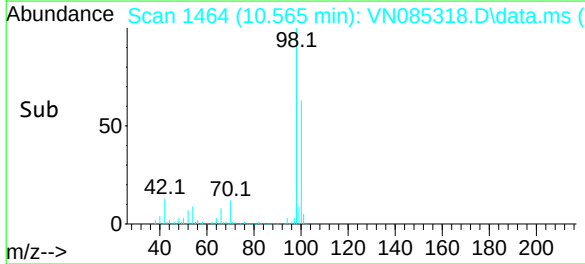
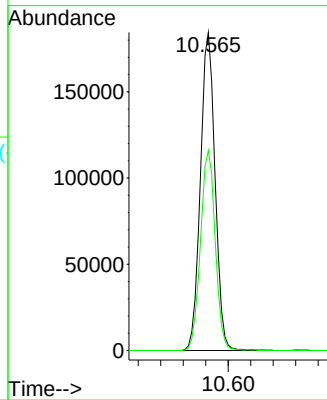
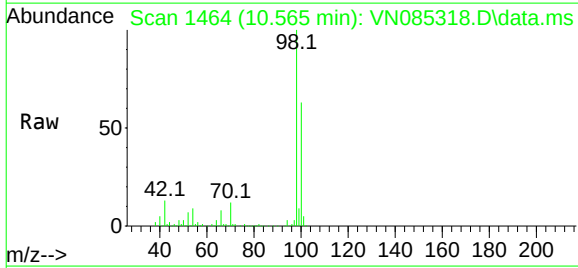
SPLP-C12-3-MRE

Tgt Ion: 98 Resp: 333732

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



#52

Toluene

Concen: 16.799 ug/l

RT: 10.623 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085318.D

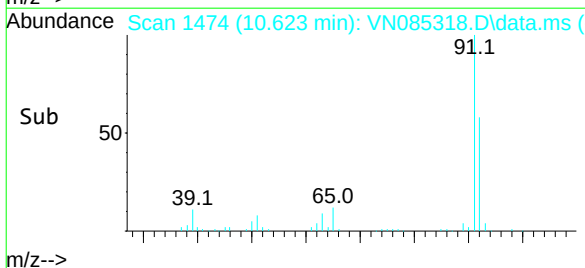
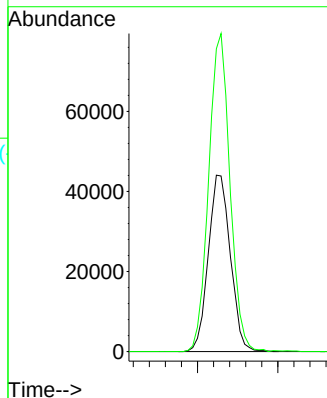
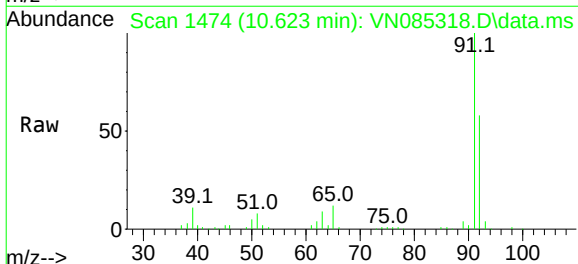
Acq: 26 Dec 2024 15:24

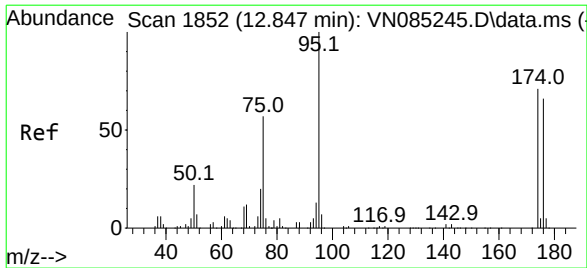
Tgt Ion: 92 Resp: 84012

Ion Ratio Lower Upper

92 100

91 173.7 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 48.828 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085318.D

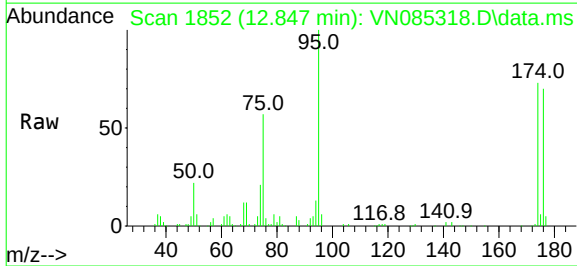
Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-3-MRE



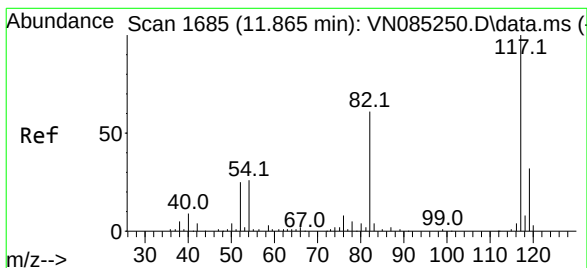
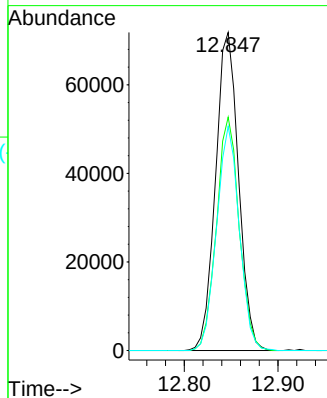
Tgt Ion: 95 Resp: 122388

Ion Ratio Lower Upper

95 100

174 72.4 0.0 144.4

176 69.4 0.0 136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

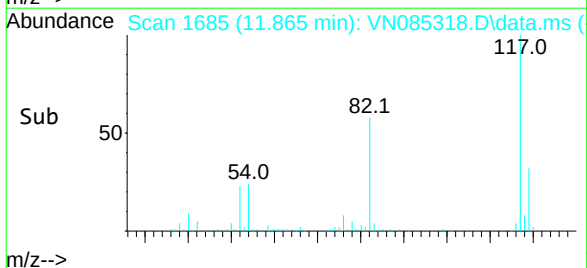
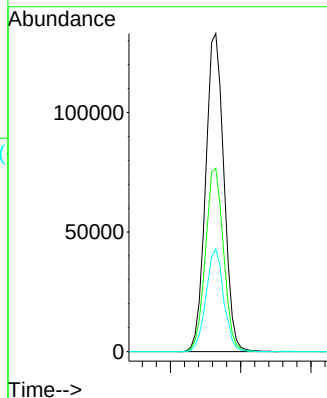
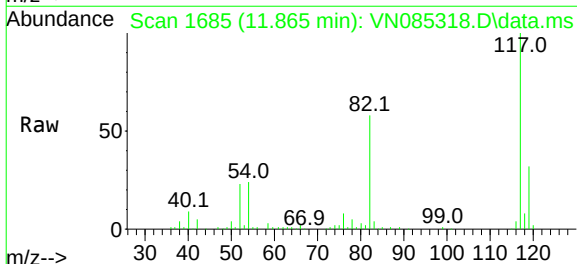
Tgt Ion: 117 Resp: 239856

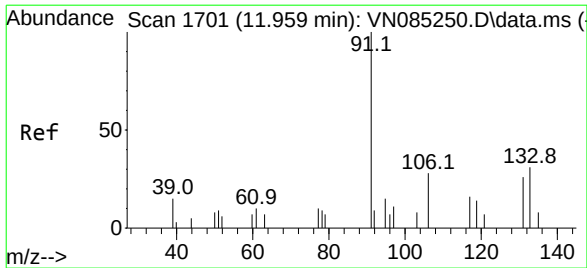
Ion Ratio Lower Upper

117 100

82 57.7 47.4 71.2

119 32.2 25.6 38.4





#67

Ethyl Benzene

Concen: 83.904 ug/l

RT: 11.959 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

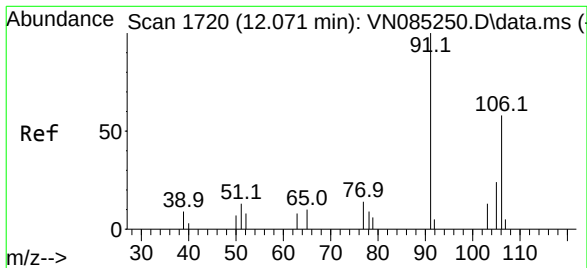
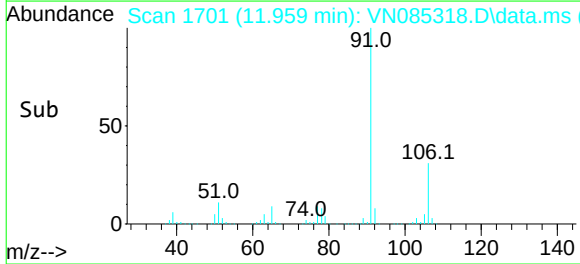
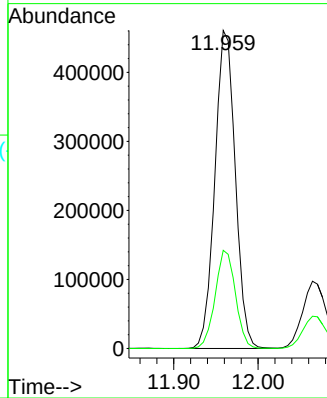
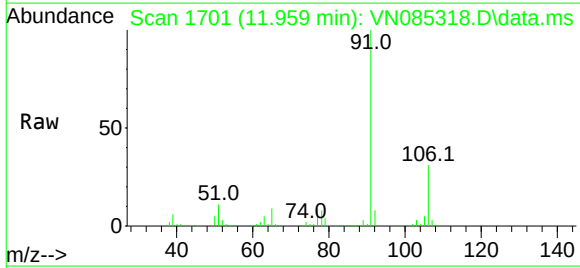
SPLP-C12-3-MRE

Tgt Ion: 91 Resp: 775384

Ion Ratio Lower Upper

91 100

106 30.9 23.5 35.3



#68

m/p-Xylenes

Concen: 26.410 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085318.D

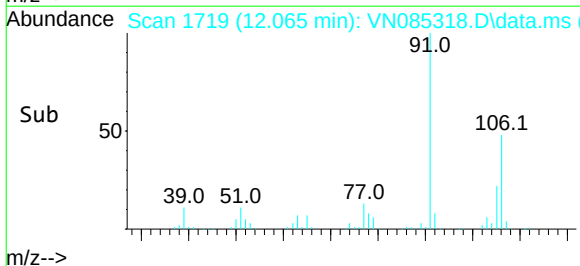
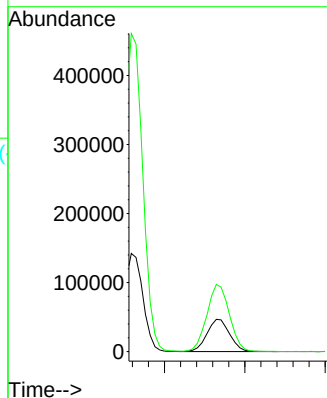
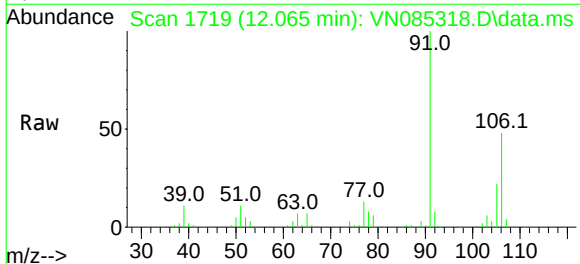
Acq: 26 Dec 2024 15:24

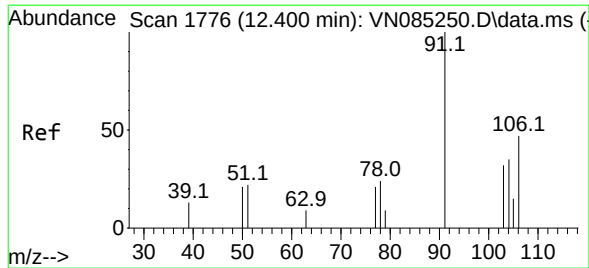
Tgt Ion: 106 Resp: 91281

Ion Ratio Lower Upper

106 100

91 207.8 168.3 252.5





#69

o-Xylene

Concen: 25.417 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

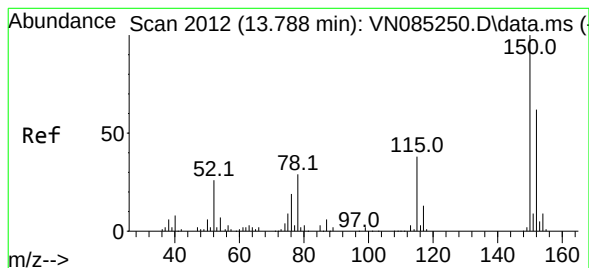
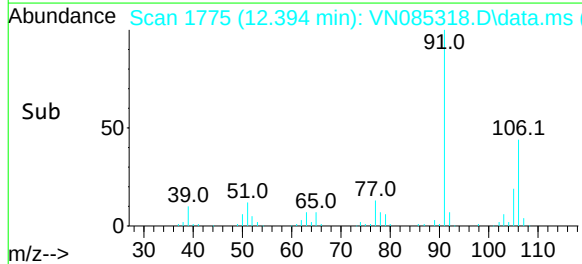
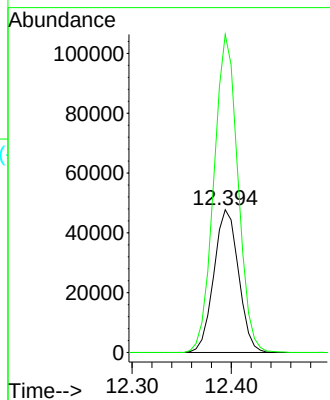
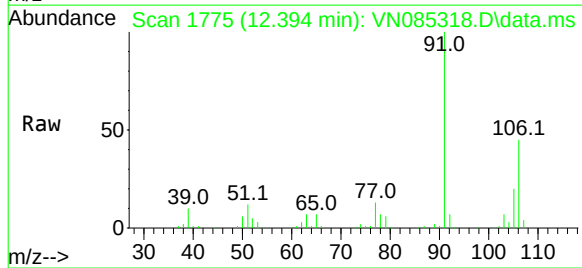
SPLP-C12-3-MRE

Tgt Ion:106 Resp: 82573

Ion Ratio Lower Upper

106 100

91 216.9 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

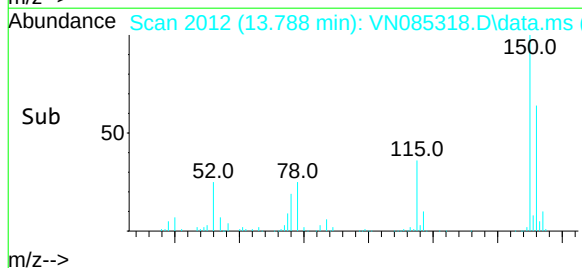
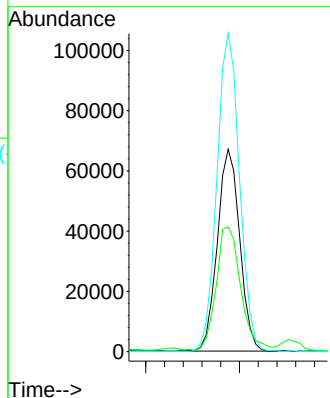
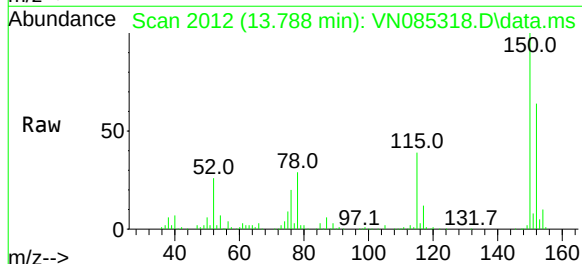
Tgt Ion:152 Resp: 110672

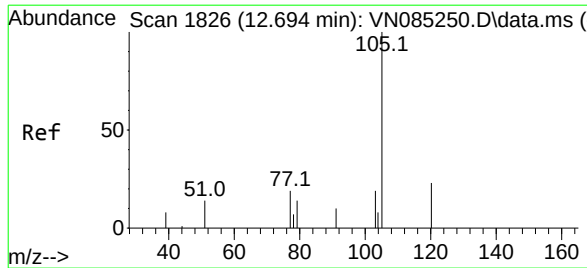
Ion Ratio Lower Upper

152 100

115 66.5 32.1 96.3

150 159.5 0.0 354.6





#73

Isopropylbenzene

Concen: 7.024 ug/l

RT: 12.694 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

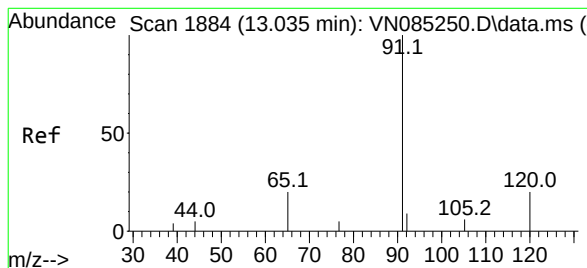
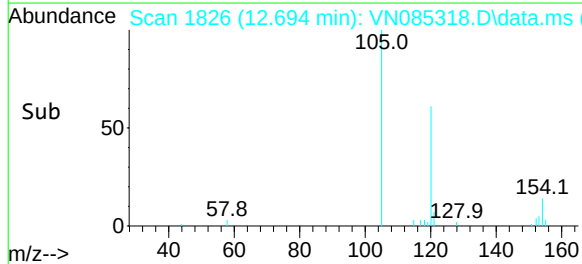
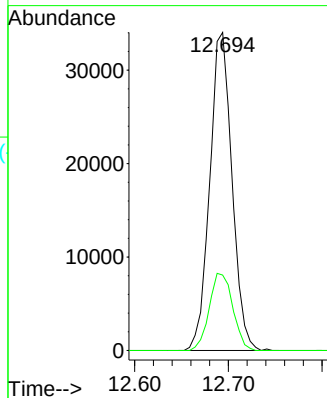
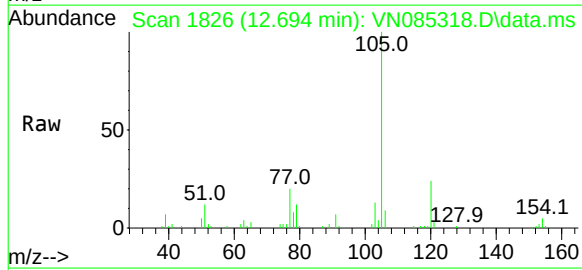
SPLP-C12-3-MRE

Tgt Ion:105 Resp: 56079

Ion Ratio Lower Upper

105 100

120 25.6 13.0 38.9



#78

n-propylbenzene

Concen: 2.363 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN085318.D

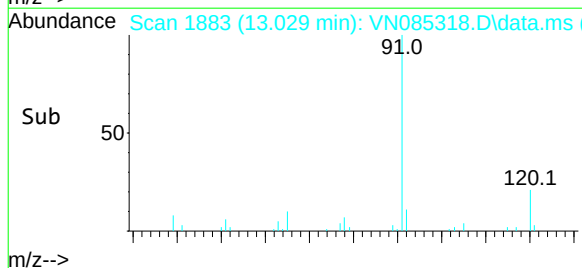
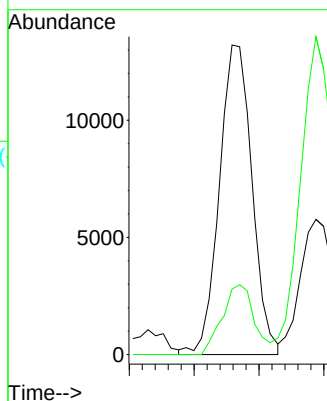
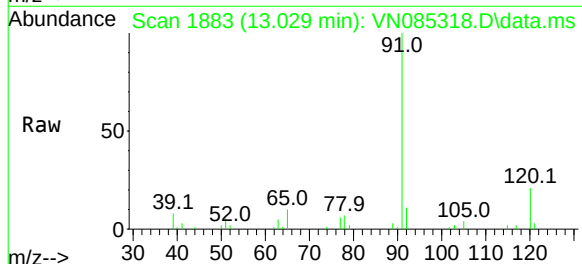
Acq: 26 Dec 2024 15:24

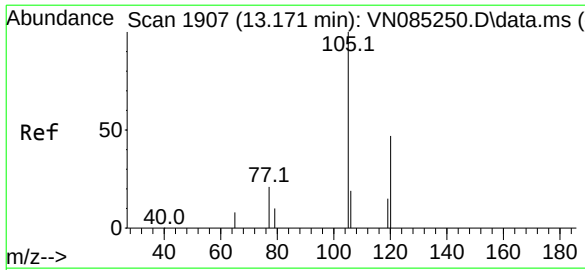
Tgt Ion: 91 Resp: 23138

Ion Ratio Lower Upper

91 100

120 22.0 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 6.808 ug/l

RT: 13.170 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

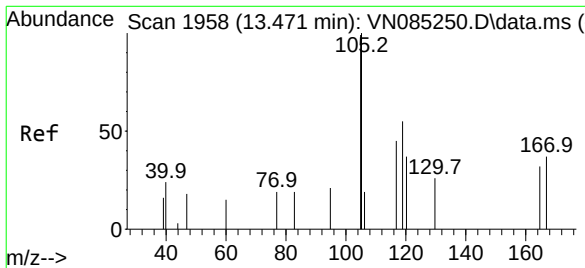
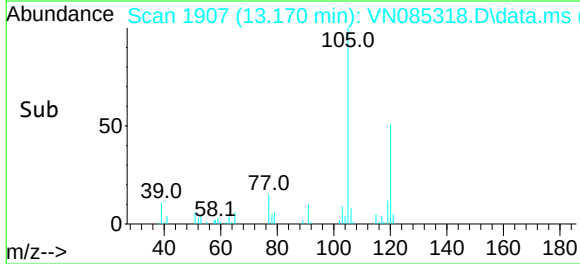
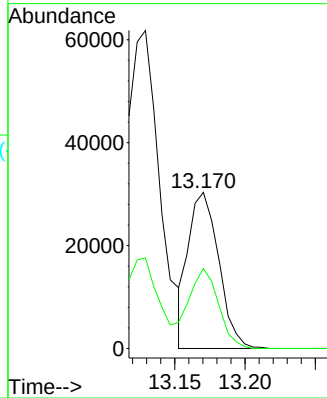
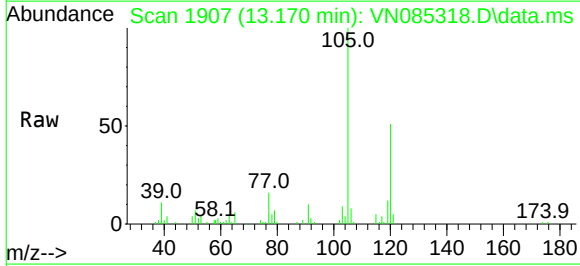
SPLP-C12-3-MRE

Tgt Ion:105 Resp: 45334

Ion Ratio Lower Upper

105 100

120 52.4 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 25.647 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085318.D

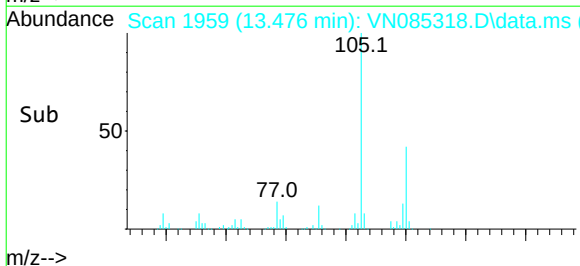
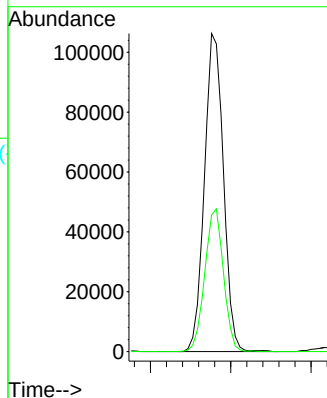
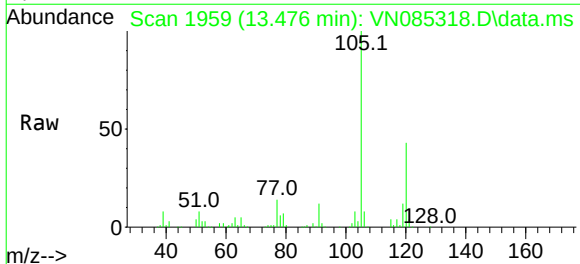
Acq: 26 Dec 2024 15:24

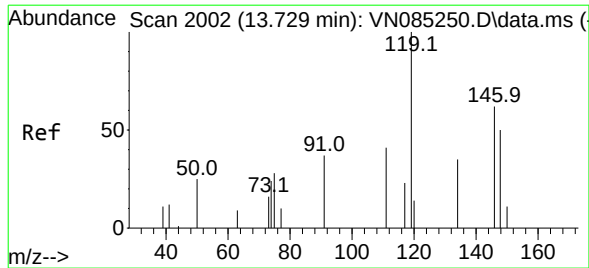
Tgt Ion:105 Resp: 174575

Ion Ratio Lower Upper

105 100

120 44.2 21.8 65.3





#86

p-Isopropyltoluene

Concen: 3.131 ug/l

RT: 13.723 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-3-MRE

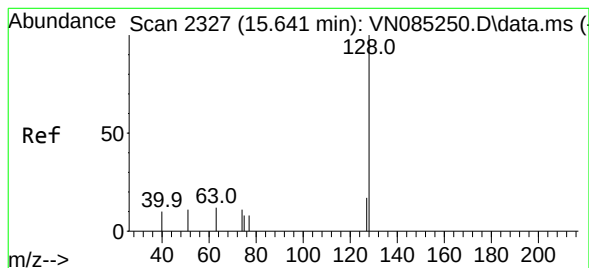
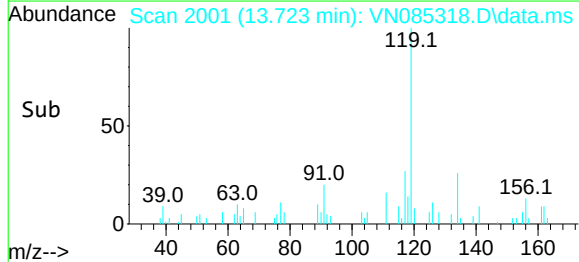
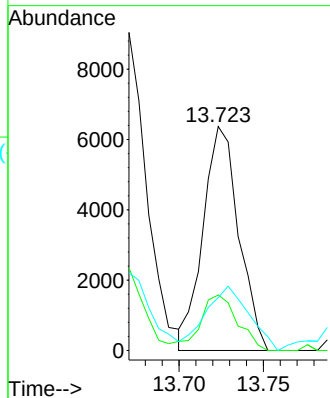
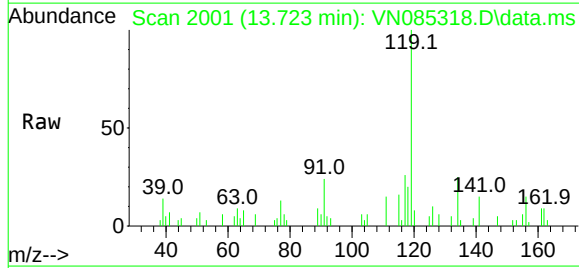
Tgt Ion:119 Resp: 9385

Ion Ratio Lower Upper

119 100

134 26.2 12.5 37.5

91 0.0 13.0 38.9#



#95

Naphthalene

Concen: 1642.332 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

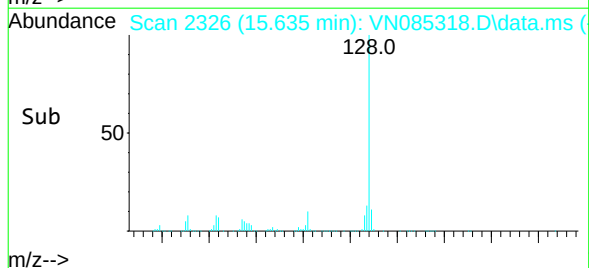
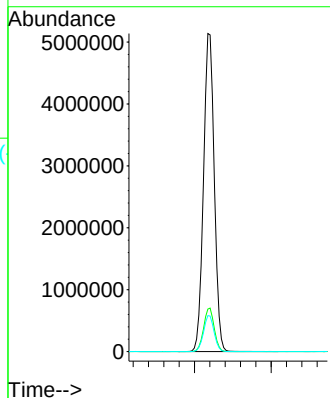
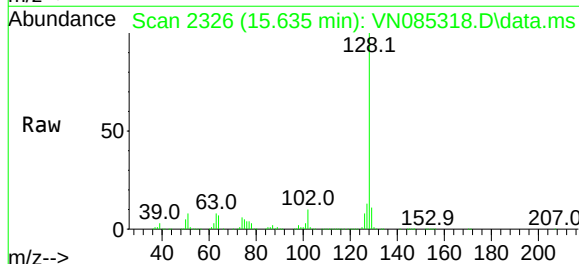
Tgt Ion:128 Resp: 9995820

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.1 8.6 13.0





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.: P5371 SAS No.: P5371 SDG No.: P5371
 Instrument ID: MSVOA_N Calibration Date(s): 12/18/2024 12/18/2024
 Heated Purge: (Y/N) N Calibration Time(s): 11:56 13:57
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF100 = VN085245.D		RRF050 = VN085246.D		RRF020 = VN085247.D			
		RRF010 = VN085248.D		RRF005 = VN085249.D		RRF001 = VN085250.D			
COMPOUND	RRF100	RRF050	RRF020	RRF010	RRF005	RRF001	RRF	% RSD	
Dichlorodifluoromethane	0.842	0.859	0.703	0.854	0.724	0.797	0.797	8.6	
Chloromethane	0.697	0.751	0.693	0.784	0.675	0.956	0.759	13.8	
Vinyl Chloride	0.698	0.732	0.669	0.731	0.670	0.769	0.711	5.6	
Bromomethane	0.428	0.472	0.446	0.498	0.490		0.467	6.3	
Chloroethane	0.430	0.458	0.430	0.459	0.435	0.867	0.513	33.8	
Trichlorofluoromethane	1.101	1.221	1.077	1.232	1.181	1.081	1.149	6.2	
1,1,2-Trichlorotrifluoroethane	0.628	0.621	0.581	0.650	0.603	0.614	0.616	3.8	
1,1-Dichloroethene	0.587	0.595	0.550	0.588	0.578	0.526	0.571	4.8	
Acetone	0.273	0.292	0.290	0.321	0.289	0.346	0.302	8.8	
Carbon Disulfide	1.801	1.824	1.716	1.919	1.854	2.572	1.948	16.1	
Methyl tert-butyl Ether	2.095	2.080	1.902	1.978	1.871	1.811	1.956	5.9	
Methyl Acetate	0.784	0.831	0.820	0.881	0.860	0.949	0.854	6.7	
Methylene Chloride	0.647	0.665	0.645	0.668	0.653	0.681	0.660	2.1	
trans-1,2-Dichloroethene	0.622	0.615	0.587	0.598	0.633	0.721	0.629	7.6	
1,1-Dichloroethane	1.225	1.237	1.202	1.271	1.200	1.193	1.221	2.4	
Cyclohexane	1.105	1.107	1.039	1.178	1.223		1.131	6.3	
2-Butanone	0.454	0.467	0.448	0.487	0.450	0.466	0.462	3.1	
Carbon Tetrachloride	0.629	0.595	0.550	0.587	0.571	0.620	0.592	5	
cis-1,2-Dichloroethene	0.749	0.745	0.680	0.757	0.679	0.786	0.733	5.9	
Bromochloromethane	0.601	0.615	0.584	0.630	0.584	0.681	0.616	5.9	
Chloroform	1.288	1.281	1.212	1.306	1.250	1.488	1.304	7.4	
1,1,1-Trichloroethane	1.184	1.180	1.123	1.182	1.095	1.211	1.162	3.8	
Methylcyclohexane	0.623	0.564	0.487	0.495	0.434	0.453	0.509	14	
Benzene	1.652	1.576	1.493	1.530	1.472	1.413	1.523	5.5	
1,2-Dichloroethane	0.620	0.592	0.548	0.614	0.567	0.539	0.580	5.9	
Trichloroethene	0.367	0.343	0.325	0.338	0.327	0.334	0.339	4.4	
1,2-Dichloropropane	0.406	0.392	0.355	0.373	0.370	0.365	0.377	5	
Bromodichloromethane	0.631	0.602	0.569	0.582	0.543	0.533	0.577	6.3	
4-Methyl-2-Pentanone	0.591	0.583	0.545	0.579	0.515	0.442	0.543	10.5	
Toluene	1.041	0.985	0.867	0.907	0.841	0.852	0.916	8.8	

* 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.



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Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5371 SAS No.: P5371 SDG No.: P5371
 Instrument ID: MSVOA_N Calibration Date(s): 12/18/2024 12/18/2024
 Heated Purge: (Y/N) N Calibration Time(s): 11:56 13:57
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF100 = VN085245.D		RRF050 = VN085246.D		RRF020 = VN085247.D			
		RRF010 = VN085248.D		RRF005 = VN085249.D		RRF001 = VN085250.D			
COMPOUND	RRF100	RRF050	RRF020	RRF010	RRF005	RRF001	RRF	% RSD	
t-1,3-Dichloropropene	0.676	0.618	0.559	0.559	0.532	0.428	0.562	14.8	
cis-1,3-Dichloropropene	0.692	0.647	0.575	0.613	0.554	0.504	0.598	11.3	
1,1,2-Trichloroethane	0.375	0.352	0.340	0.350	0.328	0.312	0.343	6.3	
2-Hexanone	0.434	0.426	0.406	0.418	0.353	0.283	0.387	15.1	
Dibromochloromethane	0.459	0.435	0.397	0.410	0.387	0.350	0.406	9.4	
1,2-Dibromoethane	0.384	0.369	0.336	0.371	0.338	0.320	0.353	7.1	
Tetrachloroethene	0.352	0.341	0.319	0.348	0.341	0.319	0.336	4.3	
Chlorobenzene	1.201	1.139	1.070	1.109	1.098	1.127	1.124	4	
Ethyl Benzene	2.263	2.137	1.893	1.905	1.721	1.639	1.926	12.4	
m/p-Xylenes	0.841	0.807	0.731	0.704	0.642	0.598	0.721	13	
o-Xylene	0.816	0.761	0.673	0.703	0.578	0.533	0.677	15.9	
Styrene	1.414	1.306	1.166	1.085	0.947	0.866	1.131	18.5	
Bromoform	0.343	0.322	0.302	0.304	0.308	0.265	0.307	8.4	
Isopropylbenzene	4.181	3.980	3.636	3.835	3.331	2.678	3.607	15	
1,1,2,2-Tetrachloroethane	1.225	1.258	1.233	1.363	1.283	1.349	1.285	4.6	
1,3-Dichlorobenzene	1.825	1.768	1.634	1.822	1.616	1.799	1.744	5.4	
1,4-Dichlorobenzene	1.784	1.765	1.652	1.789	1.721	2.116	1.805	8.9	
1,2-Dichlorobenzene	1.702	1.708	1.598	1.686	1.539	1.499	1.622	5.5	
1,2-Dibromo-3-Chloropropane	0.254	0.267	0.247	0.289	0.251	0.171	0.246	16.3	
1,2,4-Trichlorobenzene	0.892	0.860	0.755	0.785	0.719	0.970	0.830	11.3	
1,2,3-Trichlorobenzene	0.848	0.840	0.754	0.827	0.753	0.954	0.829	8.9	
1,2-Dichloroethane-d4	0.837	0.816	0.811	1.033	0.872		0.874	10.6	
Dibromofluoromethane	0.358	0.339	0.331	0.397	0.332		0.352	7.9	
Toluene-d8	1.386	1.284	1.190	1.395	1.169		1.285	8.3	
4-Bromofluorobenzene	0.520	0.468	0.425	0.486	0.396		0.459	10.7	

* 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_N\methods\
 Method File : 82N121824W.M
 Title : SW846 8260
 Last Update : Thu Dec 19 06:31:00 2024
 Response Via : Initial Calibration

Calibration Files

1 =VN085250.D 5 =VN085249.D 10 =VN085248.D 20 =VN085247.D 50 =VN085246.D 100 =VN085245.

D

Compound		1	5	10	20	50	100	Avg	%RSD

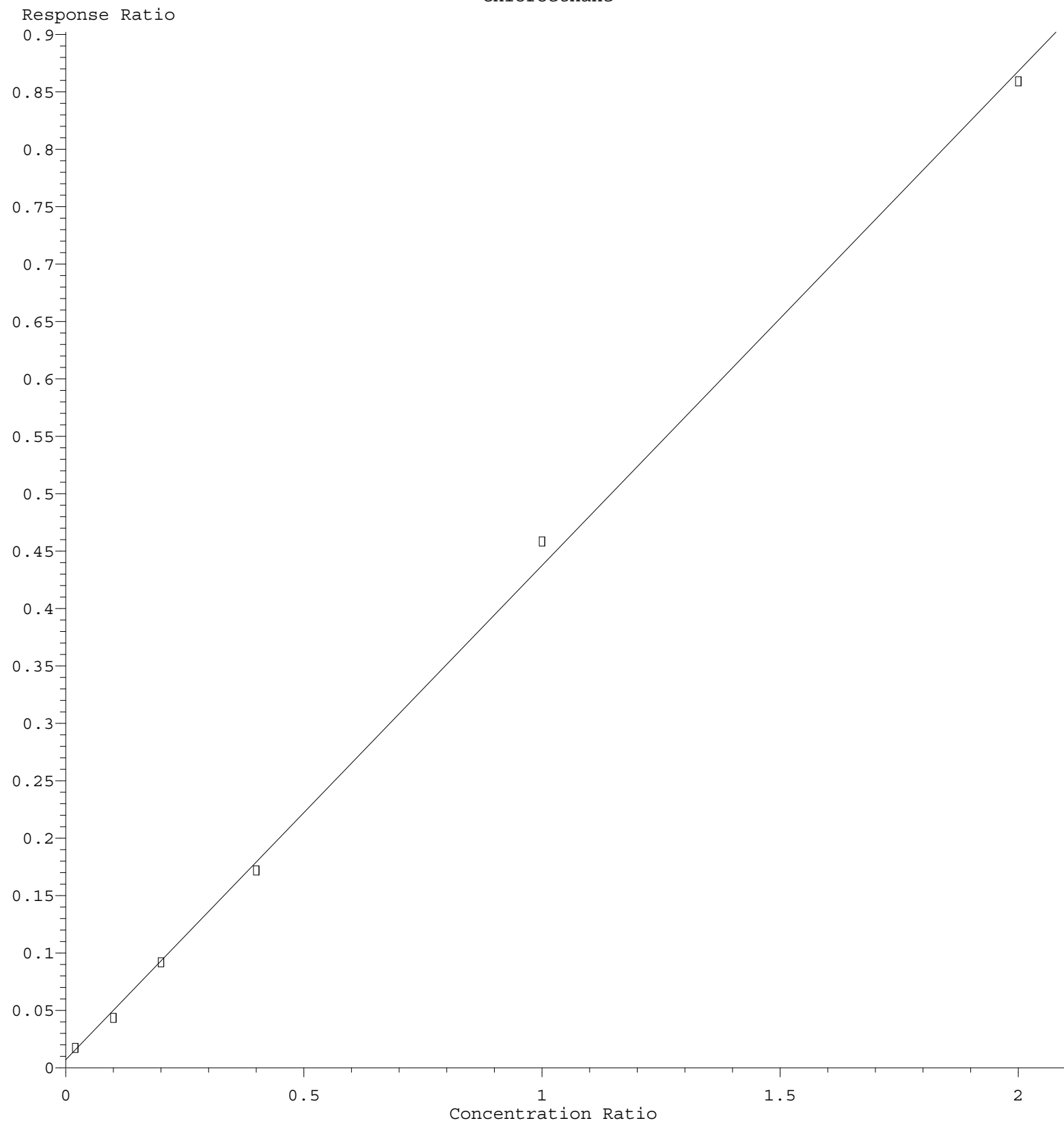
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.797	0.724	0.854	0.703	0.859	0.842	0.797	8.58
3) P	Chloromethane	0.956	0.675	0.784	0.693	0.751	0.697	0.759	13.78
4) C	Vinyl Chloride	0.769	0.670	0.731	0.669	0.732	0.698	0.711	5.55#
5) T	Bromomethane	0.490	0.498	0.446	0.472	0.428	0.467	0.467	6.34
6) T	Chloroethane	0.867	0.435	0.459	0.430	0.458	0.430	0.513	33.85
7) T	Trichlorofluor...	1.081	1.181	1.232	1.077	1.221	1.101	1.149	6.19
8) T	Diethyl Ether	0.307	0.343	0.394	0.354	0.388	0.378	0.361	9.09
9) T	1,1,2-Trichlor...	0.614	0.603	0.650	0.581	0.621	0.628	0.616	3.78
10) T	Methyl Iodide	0.649	0.724	0.667	0.737	0.735	0.702	0.702	5.91
11) T	Tert butyl alc...	0.134	0.125	0.121	0.116	0.110	0.121	0.121	7.60
12) CM	1,1-Dichloroet...	0.526	0.578	0.588	0.550	0.595	0.587	0.571	4.76#
13) T	Acrolein	0.154	0.149	0.127	0.134	0.135	0.140	0.140	8.08
14) T	Allyl chloride	1.003	0.975	0.958	0.960	1.007	1.028	0.988	2.89
15) T	Acrylonitrile	0.322	0.336	0.351	0.317	0.335	0.323	0.331	3.83
16) T	Acetone	0.346	0.289	0.321	0.290	0.292	0.273	0.302	8.82
17) T	Carbon Disulfide	2.572	1.854	1.919	1.716	1.824	1.801	1.948	16.08
18) T	Methyl Acetate	0.949	0.860	0.881	0.820	0.831	0.784	0.854	6.67
19) T	Methyl tert-bu...	1.811	1.871	1.978	1.902	2.080	2.095	1.956	5.89
20) T	Methylene Chlo...	0.681	0.653	0.668	0.645	0.665	0.647	0.660	2.11
21) T	trans-1,2-Dich...	0.721	0.633	0.598	0.587	0.615	0.622	0.629	7.61
22) T	Diisopropyl ether	1.651	2.037	2.271	2.096	2.291	2.304	2.108	11.85
23) T	Vinyl Acetate	1.377	1.479	1.650	1.648	1.788	1.832	1.629	10.74
24) P	1,1-Dichloroet...	1.193	1.200	1.271	1.202	1.237	1.225	1.221	2.42
25) T	2-Butanone	0.466	0.450	0.487	0.448	0.467	0.454	0.462	3.13
26) T	2,2-Dichloropr...	1.123	1.086	1.211	1.056	1.156	1.153	1.131	4.88
27) T	cis-1,2-Dichlo...	0.786	0.679	0.757	0.680	0.745	0.749	0.733	5.95
28) T	Bromochloromet...	0.681	0.584	0.630	0.584	0.615	0.601	0.616	5.93
29) T	Tetrahydrofuran	0.283	0.277	0.315	0.296	0.315	0.301	0.298	5.25
30) C	Chloroform	1.488	1.250	1.306	1.212	1.281	1.288	1.304	7.36#
31) T	Cyclohexane	1.223	1.178	1.039	1.107	1.105	1.131	1.131	6.30
32) T	1,1,1-Trichlor...	1.211	1.095	1.182	1.123	1.180	1.184	1.162	3.77
33) S	1,2-Dichloroet...	0.872	1.033	0.811	0.816	0.837	0.874	0.874	10.57

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.332	0.397	0.331	0.339	0.358	0.352	0.352	7.89
36) T	1,1-Dichloropr...	0.450	0.427	0.505	0.478	0.521	0.556	0.489	9.73
37) T	Ethyl Acetate	0.538	0.593	0.589	0.529	0.568	0.571	0.565	4.65
38) T	Carbon Tetrach...	0.620	0.571	0.587	0.550	0.595	0.629	0.592	4.98
39) T	Methylcyclohexane	0.453	0.434	0.495	0.487	0.564	0.623	0.509	14.01
40) TM	Benzene	1.413	1.472	1.530	1.493	1.576	1.652	1.523	5.51
41) T	Methacrylonitrile	0.249	0.269	0.299	0.288	0.300	0.322	0.288	8.90
42) TM	1,2-Dichloroet...	0.539	0.567	0.614	0.548	0.592	0.620	0.580	5.86
43) T	Isopropyl Acetate	1.307	0.934	1.031	0.923	0.982	1.018	1.033	13.68
44) TM	Trichloroethene	0.334	0.327	0.338	0.325	0.343	0.367	0.339	4.41
45) C	1,2-Dichloropr...	0.365	0.370	0.373	0.355	0.392	0.406	0.377	4.96#
46) T	Dibromomethane	0.251	0.264	0.276	0.257	0.276	0.291	0.269	5.42
47) T	Bromodichlorom...	0.533	0.543	0.582	0.569	0.602	0.631	0.577	6.33
48) T	Methyl methacr...	0.367	0.380	0.427	0.420	0.460	0.486	0.423	10.77
49) T	1,4-Dioxane	0.005	0.006	0.008	0.007	0.007	0.007	0.007	15.97
50) S	Toluene-d8	1.169	1.395	1.190	1.284	1.386	1.285	1.285	8.26
51) T	4-Methyl-2-Pen...	0.442	0.515	0.579	0.545	0.583	0.591	0.543	10.52
52) CM	Toluene	0.852	0.841	0.907	0.867	0.985	1.041	0.916	8.81#
53) T	t-1,3-Dichloro...	0.428	0.532	0.559	0.559	0.618	0.676	0.562	14.85
54) T	cis-1,3-Dichlo...	0.504	0.554	0.613	0.575	0.647	0.692	0.598	11.26
55) T	1,1,2-Trichlor...	0.312	0.328	0.350	0.340	0.352	0.375	0.343	6.28

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\										
Method File : 82N121824W.M										
56)	T	Ethyl methacry...	0.380	0.456	0.539	0.530	0.634	0.674	0.535	20.39
57)	T	1,3-Dichloropr...	0.560	0.576	0.600	0.581	0.636	0.668	0.603	6.77
58)	T	2-Chloroethyl ...	0.152	0.200	0.221	0.234	0.292	0.325	0.237	26.45
59)	T	2-Hexanone	0.283	0.353	0.418	0.406	0.426	0.434	0.387	15.09
60)	T	Dibromochlorom...	0.350	0.387	0.410	0.397	0.435	0.459	0.406	9.40
61)	T	1,2-Dibromoethane	0.320	0.338	0.371	0.336	0.369	0.384	0.353	7.10
62)	S	4-Bromofluorob...	0.396	0.486	0.425	0.468	0.520	0.459		10.73
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.319	0.341	0.348	0.319	0.341	0.352	0.336	4.25
65)	PM	Chlorobenzene	1.127	1.098	1.109	1.070	1.139	1.201	1.124	3.99
66)	T	1,1,1,2-Tetrac...	0.339	0.384	0.414	0.384	0.403	0.429	0.392	7.95
67)	C	Ethyl Benzene	1.639	1.721	1.905	1.893	2.137	2.263	1.926	12.37#
68)	T	m/p-Xylenes	0.598	0.642	0.704	0.731	0.807	0.841	0.721	12.96
69)	T	o-Xylene	0.533	0.578	0.703	0.673	0.761	0.816	0.677	15.86
70)	T	Styrene	0.866	0.947	1.085	1.166	1.306	1.414	1.131	18.49
71)	P	Bromoform	0.265	0.308	0.304	0.302	0.322	0.343	0.307	8.40
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	2.678	3.331	3.835	3.636	3.980	4.181	3.607	14.98
74)	T	N-amyl acetate	1.406	1.554	1.900	1.818	2.043	2.089	1.801	15.08
75)	P	1,1,2,2-Tetrac...	1.349	1.283	1.363	1.233	1.258	1.225	1.285	4.56
76)	T	1,2,3-Trichlor...	1.170	1.093	1.178	1.634	1.061	1.015	1.192	18.92
77)	T	Bromobenzene	1.070	0.893	0.955	0.869	0.940	0.955	0.947	7.35
78)	T	n-propylbenzene	3.784	3.730	4.544	4.457	4.892	5.134	4.424	12.91
79)	T	2-Chlorotoluene	2.486	2.611	2.975	2.739	3.007	3.032	2.809	8.20
80)	T	1,3,5-Trimethy...	2.259	2.496	3.207	3.113	3.448	3.528	3.008	17.20
81)	T	trans-1,4-Dich...	0.371	0.488	0.429	0.463	0.494	0.449		11.22
82)	T	4-Chlorotoluene	2.446	2.655	2.925	2.815	3.071	3.140	2.842	9.18
83)	T	tert-Butylbenzene	2.210	2.278	2.608	2.492	2.821	2.899	2.551	10.97
84)	T	1,2,4-Trimethy...	2.459	2.651	3.166	3.119	3.479	3.578	3.075	14.43
85)	T	sec-Butylbenzene	2.712	3.004	3.678	3.638	4.094	4.217	3.557	16.70
86)	T	p-Isopropyltol...	1.942	2.339	2.854	2.967	3.382	3.536	2.837	21.45
87)	T	1,3-Dichlorobe...	1.799	1.616	1.822	1.634	1.768	1.825	1.744	5.42
88)	T	1,4-Dichlorobe...	2.116	1.721	1.789	1.652	1.765	1.784	1.805	8.92
89)	T	n-Butylbenzene	2.330	2.101	2.510	2.562	2.975	3.217	2.616	15.78
90)	T	Hexachloroethane	0.677	0.588	0.692	0.608	0.669	0.687	0.653	6.80
91)	T	1,2-Dichlorobe...	1.499	1.539	1.686	1.598	1.708	1.702	1.622	5.54
92)	T	1,2-Dibromo-3-...	0.171	0.251	0.289	0.247	0.267	0.254	0.246	16.35
93)	T	1,2,4-Trichlor...	0.970	0.719	0.785	0.755	0.860	0.892	0.830	11.31
94)	T	Hexachlorobuta...	0.541	0.461	0.414	0.385	0.389	0.399	0.432	14.01
95)	T	Naphthalene	3.182	2.259	2.619	2.558	2.910	2.969	2.750	12.12
96)	T	1,2,3-Trichlor...	0.954	0.753	0.827	0.754	0.840	0.848	0.829	8.93

(#) = Out of Range

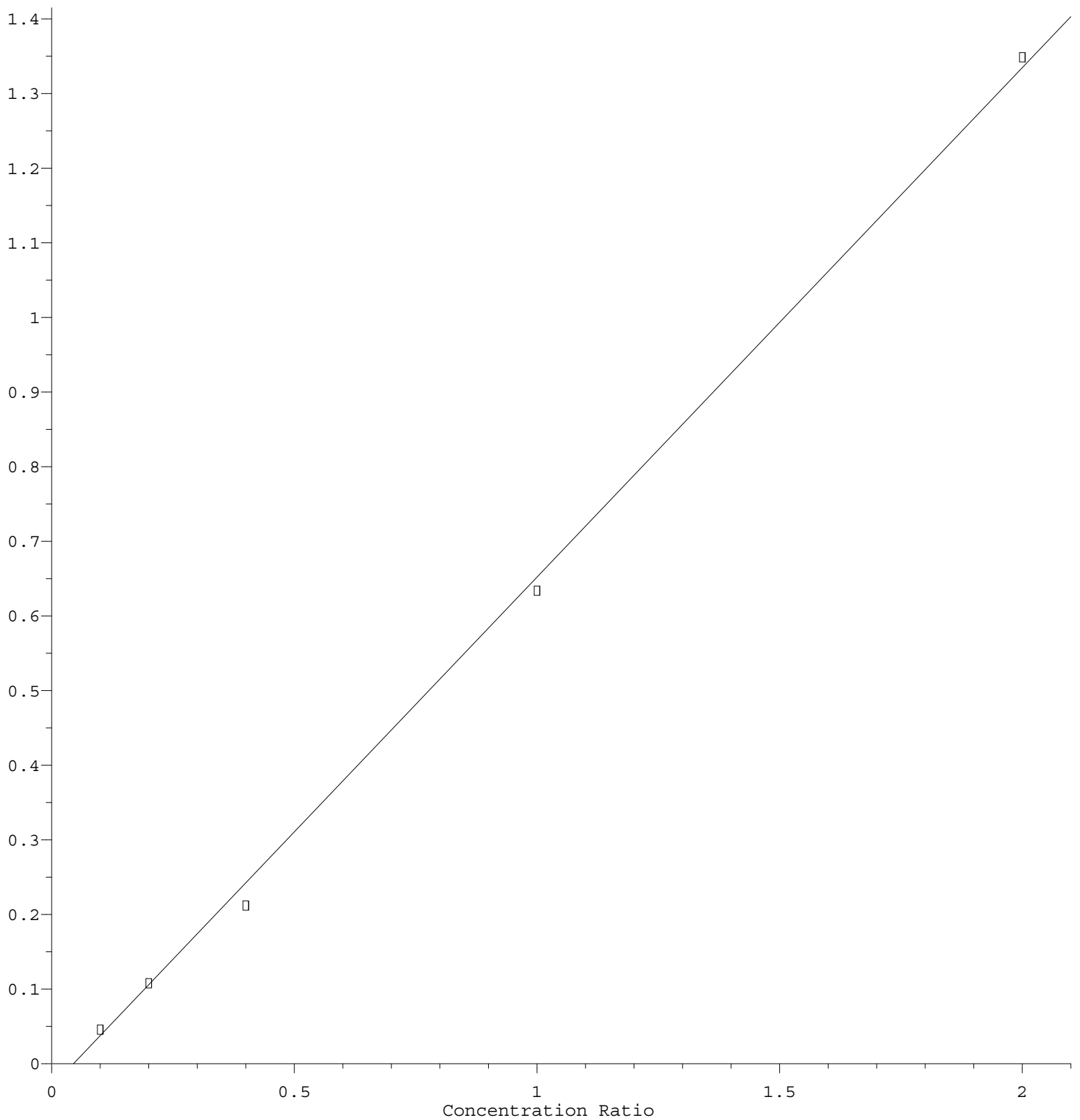
Chloroethane



Response = $4.306 \times 10^{-1} \times \text{Amt} + 6.741 \times 10^{-3}$
Coef of Det (r^2) = 0.998857 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N121824W.M
Calibration Table Last Updated: Thu Dec 19 06:31:00 2024

Ethyl methacrylate

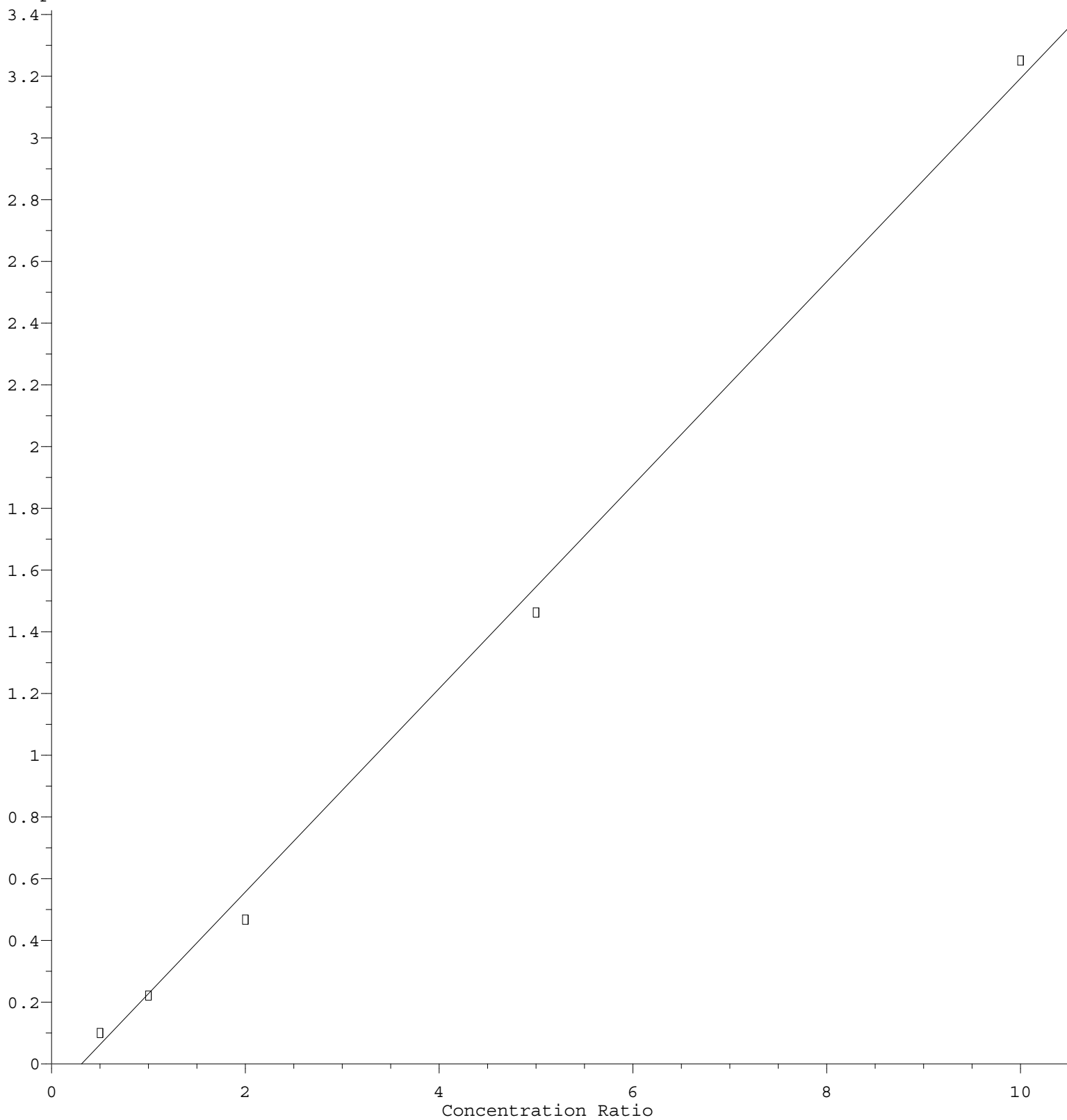
Response Ratio



Response = $6.824 \times 10^{-1} \times \text{Amt} - 3.052 \times 10^{-2}$
Coef of Det (r^2) = 0.998432 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N121824W.M
Calibration Table Last Updated: Thu Dec 19 06:31:00 2024

2-Chloroethyl Vinyl ether

Response Ratio



$$\text{Response} = 3.296\text{e-}001 * \text{Amt} - 1.021\text{e-}001$$

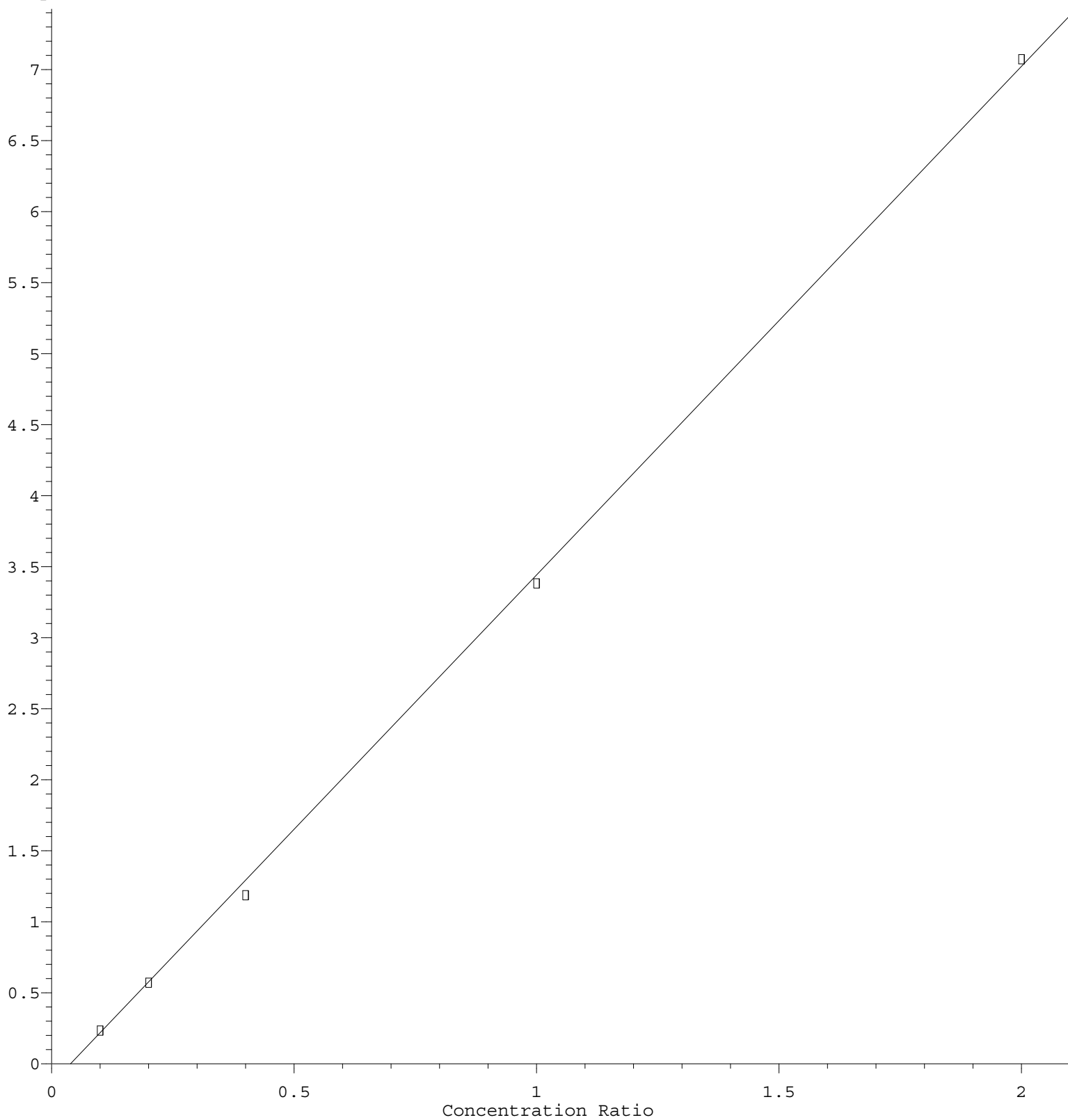
Coef of Det (r^2) = 0.996612 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N121824W.M

Calibration Table Last Updated: Thu Dec 19 06:31:00 2024

p-Isopropyltoluene

Response Ratio



$$\text{Response} = 3.581\text{e}+000 * \text{Amt} - 1.394\text{e}-001$$

Coef of Det (r^2) = 0.999224 Curve Fit: Linear

Method Name: Z:\voasrv\HPCHEM1\MSVOA N\methods\82N121824W.M

Calibration Table Last Updated: Thu Dec 19 06:31:00 2024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085245.D
 Acq On : 18 Dec 2024 11:56
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:17:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	132793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	218841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	197737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	222397	95.819	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	191.640%#
35) Dibromofluoromethane	8.165	113	156776	101.898	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	203.800%#
50) Toluene-d8	10.565	98	606787	107.904	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	215.800%#
62) 4-Bromofluorobenzene	12.847	95	227599	113.316	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	226.640%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	223683	105.738	ug/l	95
3) Chloromethane	2.359	50	185155	91.824	ug/l	96
4) Vinyl Chloride	2.512	62	185482	98.177	ug/l	98
5) Bromomethane	2.936	94	113603	91.664	ug/l	95
6) Chloroethane	3.106	64	114090	98.985	ug/l	100
7) Trichlorofluoromethane	3.489	101	292297	95.808	ug/l	98
8) Diethyl Ether	3.953	74	100508	104.885	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	166774	101.922	ug/l	97
10) Methyl Iodide	4.583	142	195301	104.680	ug/l	99
11) Tert butyl alcohol	5.524	59	146115	453.197	ug/l	99
12) 1,1-Dichloroethene	4.336	96	155868	102.836	ug/l	96
13) Acrolein	4.177	56	179663	483.889	ug/l	97
14) Allyl chloride	5.018	41	273080	103.792	ug/l	98
15) Acrylonitrile	5.712	53	429271	488.837	ug/l	99
16) Acetone	4.424	43	362573	452.555	ug/l	95
17) Carbon Disulfide	4.706	76	478256	92.463	ug/l	98
18) Methyl Acetate	5.018	43	208325	91.848	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	556328	107.088	ug/l	100
20) Methylene Chloride	5.271	84	171870	98.070	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	165308	98.924	ug/l	97
22) Diisopropyl ether	6.671	45	611946	109.283	ug/l	99
23) Vinyl Acetate	6.600	43	2433128	562.326	ug/l	100
24) 1,1-Dichloroethane	6.559	63	325296	100.286	ug/l	98
25) 2-Butanone	7.477	43	603062	491.528	ug/l	99
26) 2,2-Dichloropropane	7.489	77	306120	101.918	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	198818	102.187	ug/l	97
28) Bromochloromethane	7.806	49	159647	97.592	ug/l	100
29) Tetrahydrofuran	7.836	42	399494	505.120	ug/l	99
30) Chloroform	7.965	83	342072	98.751	ug/l	99
31) Cyclohexane	8.253	56	293535	97.753	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	314505	101.867	ug/l	98
36) 1,1-Dichloropropene	8.371	75	243421	113.623	ug/l	100
37) Ethyl Acetate	7.559	43	250127	101.201	ug/l	100
38) Carbon Tetrachloride	8.359	117	275109	106.208	ug/l	97
39) Methylcyclohexane	9.600	83	272682	122.315	ug/l	96
40) Benzene	8.600	78	723096	108.494	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085245.D
 Acq On : 18 Dec 2024 11:56
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 19 05:17:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	140799	111.781	ug/l	98
42) 1,2-Dichloroethane	8.671	62	271246	106.846	ug/l	100
43) Isopropyl Acetate	8.683	43	445560	98.577	ug/l	99
44) Trichloroethene	9.347	130	160437	108.123	ug/l	100
45) 1,2-Dichloropropane	9.618	63	177783	107.734	ug/l	95
46) Dibromomethane	9.706	93	127276	108.042	ug/l	99
47) Bromodichloromethane	9.888	83	276180	109.425	ug/l	99
48) Methyl methacrylate	9.677	41	212686	114.790	ug/l	99
49) 1,4-Dioxane	9.694	88	60135	2058.510	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	1293909	544.828	ug/l	99
52) Toluene	10.630	92	455835	113.746	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	295735	120.209	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	302770	115.753	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	163965	109.268	ug/l	98
56) Ethyl methacrylate	10.871	69	295118	101.047	ug/l	99
57) 1,3-Dichloropropane	11.159	76	292297	110.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	711429	508.718	ug/l	100
59) 2-Hexanone	11.194	43	950121	561.236	ug/l	100
60) Dibromochloromethane	11.359	129	200867	112.947	ug/l	99
61) 1,2-Dibromoethane	11.471	107	168121	108.774	ug/l	98
64) Tetrachloroethene	11.106	164	139187	104.604	ug/l	98
65) Chlorobenzene	11.888	112	475067	106.880	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	169624	109.383	ug/l	97
67) Ethyl Benzene	11.959	91	894979	117.473	ug/l	100
68) m/p-Xylenes	12.071	106	665022	233.390	ug/l	99
69) o-Xylene	12.394	106	322554	120.433	ug/l	99
70) Styrene	12.412	104	559256	125.079	ug/l	99
71) Bromoform	12.576	173	135696	111.633	ug/l #	98
73) Isopropylbenzene	12.694	105	840297	115.905	ug/l	99
74) N-ethyl acetate	12.494	43	419855	115.949	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	246135	95.286	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	204020m	93.049	ug/l	
77) Bromobenzene	12.976	156	192007	100.869	ug/l	100
78) n-propylbenzene	13.035	91	1031914	116.058	ug/l	100
79) 2-Chlorotoluene	13.123	91	609507	107.968	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	709159	117.272	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	99248	110.007	ug/l	96
82) 4-Chlorotoluene	13.218	91	631208	110.493	ug/l	99
83) tert-Butylbenzene	13.435	119	582784	113.640	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	719106	116.337	ug/l	100
85) sec-Butylbenzene	13.612	105	847632	118.555	ug/l	99
86) p-Isopropyltoluene	13.729	119	710842	100.694	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	366762	104.626	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	358619	98.872	ug/l	99
89) n-Butylbenzene	14.053	91	646693	122.994	ug/l	98
90) Hexachloroethane	14.329	117	138100	105.146	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	342103	104.926	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	51018	102.989	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	179196	107.368	ug/l	98
94) Hexachlorobutadiene	15.500	225	80258	92.524	ug/l	94
95) Naphthalene	15.635	128	596784	107.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	170435	102.240	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085245.D
Acq On : 18 Dec 2024 11:56
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:17:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 05:12:29 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_N\Data\VN121824\
Data File : VN085245.D
Acq On : 18 Dec 2024 11:56
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

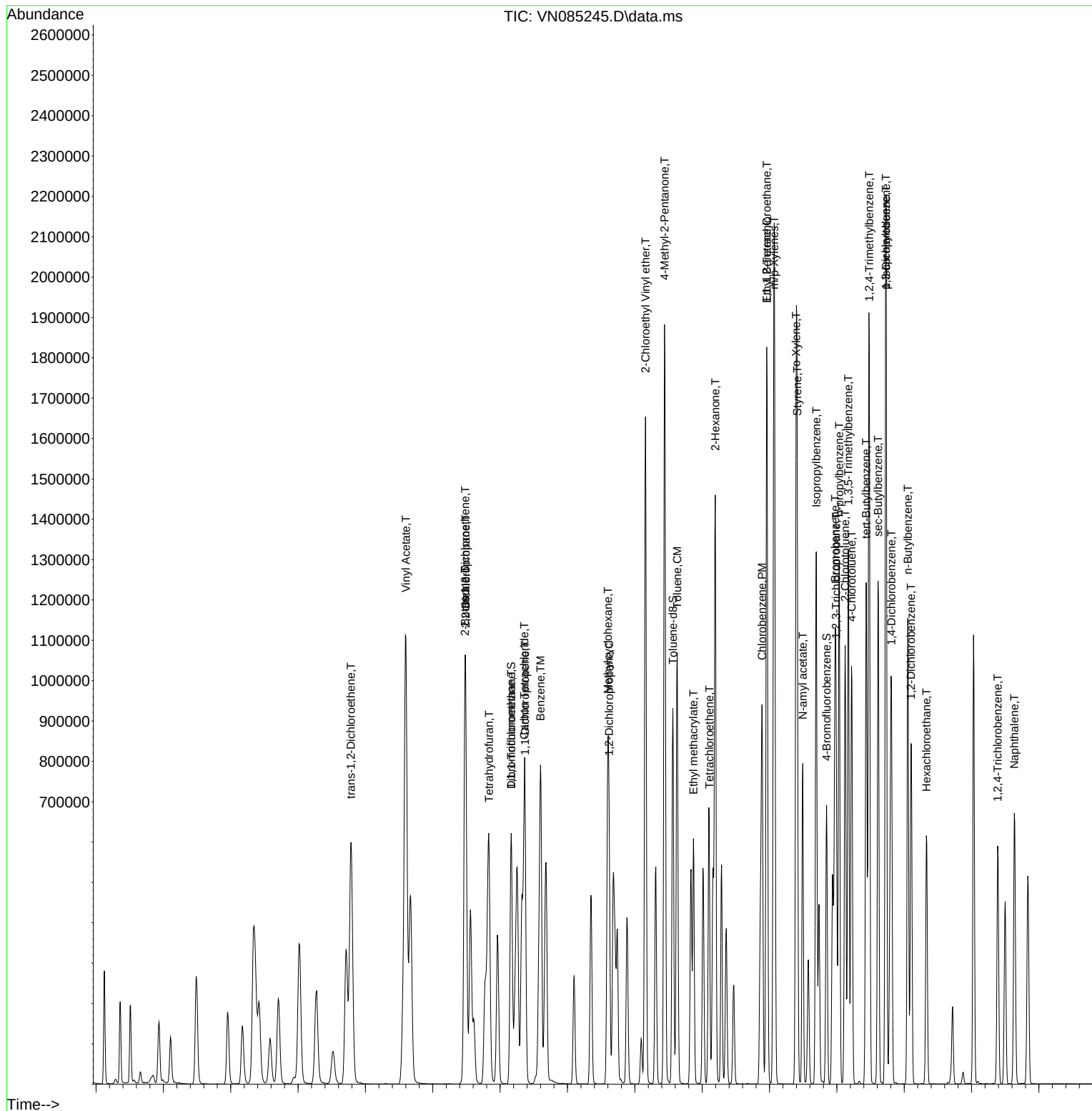
Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:17:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 05:12:29 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085246.D
 Acq On : 18 Dec 2024 12:20
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:17:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	130776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	226121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	202175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106671	46.668	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.340%
35) Dibromofluoromethane	8.165	113	76633	48.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	10.565	98	290413	49.981	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.847	95	105807	50.983	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.960%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	112357	53.932	ug/l	100
3) Chloromethane	2.359	50	98202	49.453	ug/l	100
4) Vinyl Chloride	2.512	62	95687	51.429	ug/l	100
5) Bromomethane	2.948	94	61747	50.591	ug/l	100
6) Chloroethane	3.112	64	59950	52.450	ug/l	100
7) Trichlorofluoromethane	3.495	101	159703	53.154	ug/l	100
8) Diethyl Ether	3.953	74	50744	53.771	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	81240	50.415	ug/l	100
10) Methyl Iodide	4.589	142	96420	52.478	ug/l	100
11) Tert butyl alcohol	5.518	59	75947	239.194	ug/l	100
12) 1,1-Dichloroethene	4.336	96	77860	52.162	ug/l	100
13) Acrolein	4.177	56	87320	238.807	ug/l	100
14) Allyl chloride	5.018	41	131650	50.809	ug/l	100
15) Acrylonitrile	5.712	53	219108	253.360	ug/l	100
16) Acetone	4.424	43	190678	241.671	ug/l	100
17) Carbon Disulfide	4.712	76	238489	46.819	ug/l	100
18) Methyl Acetate	5.018	43	108674	48.652	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	272038	53.173	ug/l	100
20) Methylene Chloride	5.277	84	86992	50.403	ug/l	100
21) trans-1,2-Dichloroethene	5.777	96	80363	48.833	ug/l	100
22) Diisopropyl ether	6.671	45	299652	54.338	ug/l	100
23) Vinyl Acetate	6.600	43	1169229	274.391	ug/l	100
24) 1,1-Dichloroethane	6.565	63	161717	50.625	ug/l	100
25) 2-Butanone	7.483	43	305214	252.603	ug/l	100
26) 2,2-Dichloropropane	7.489	77	151231	51.127	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	97457	50.863	ug/l	100
28) Bromochloromethane	7.812	49	80429	49.924	ug/l	100
29) Tetrahydrofuran	7.836	42	206011	264.498	ug/l	100
30) Chloroform	7.965	83	167564	49.119	ug/l	100
31) Cyclohexane	8.253	56	144815	48.970	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	154270	50.738	ug/l	100
36) 1,1-Dichloropropene	8.365	75	117851	53.239	ug/l	100
37) Ethyl Acetate	7.559	43	128415	50.284	ug/l	100
38) Carbon Tetrachloride	8.359	117	134463	50.239	ug/l	100
39) Methylcyclohexane	9.600	83	127487	55.345	ug/l	100
40) Benzene	8.600	78	356428	51.757	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085246.D
 Acq On : 18 Dec 2024 12:20
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:17:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	67891	52.164	ug/l	100
42) 1,2-Dichloroethane	8.665	62	133901	51.047	ug/l	100
43) Isopropyl Acetate	8.683	43	222131	47.563	ug/l	100
44) Trichloroethene	9.347	130	77472	50.530	ug/l	100
45) 1,2-Dichloropropane	9.618	63	88662	51.998	ug/l	100
46) Dibromomethane	9.706	93	62433	51.292	ug/l	100
47) Bromodichloromethane	9.888	83	136033	52.162	ug/l	100
48) Methyl methacrylate	9.677	41	104091	54.371	ug/l	100
49) 1,4-Dioxane	9.688	88	32375	1072.564	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	659177	268.625	ug/l	100
52) Toluene	10.630	92	222639	53.767	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	139692	54.953	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	146338	54.146	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	79593	51.334	ug/l	100
56) Ethyl methacrylate	10.871	69	143324	48.679	ug/l	100
57) 1,3-Dichloropropane	11.159	76	143772	52.685	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	330686	237.370	ug/l	100
59) 2-Hexanone	11.194	43	481438	275.229	ug/l	100
60) Dibromochloromethane	11.359	129	98456	53.579	ug/l	100
61) 1,2-Dibromoethane	11.465	107	83433	52.243	ug/l	100
64) Tetrachloroethene	11.100	164	68884	50.633	ug/l	100
65) Chlorobenzene	11.888	112	230185	50.650	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	81411	51.346	ug/l	100
67) Ethyl Benzene	11.959	91	432126	55.475	ug/l	100
68) m/p-Xylenes	12.071	106	326353	112.019	ug/l	100
69) o-Xylene	12.394	106	153932	56.212	ug/l	100
70) Styrene	12.412	104	264043	57.757	ug/l	100
71) Bromoform	12.576	173	65175	52.440	ug/l #	100
73) Isopropylbenzene	12.694	105	392326	55.168	ug/l	100
74) N-amyl acetate	12.494	43	201427	56.710	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	124004	48.940	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	104619m	48.643	ug/l	
77) Bromobenzene	12.976	156	92703	49.649	ug/l	100
78) n-propylbenzene	13.035	91	482260	55.295	ug/l	100
79) 2-Chlorotoluene	13.123	91	296469	53.539	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	339950	57.311	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	45606	51.534	ug/l	100
82) 4-Chlorotoluene	13.218	91	302755	54.029	ug/l	100
83) tert-Butylbenzene	13.435	119	278102	55.284	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	342945	56.562	ug/l	100
85) sec-Butylbenzene	13.612	105	403570	57.544	ug/l	100
86) p-Isopropyltoluene	13.729	119	333452	49.170	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	174288	50.687	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	173955	48.893	ug/l	100
89) n-Butylbenzene	14.053	91	293263	56.861	ug/l	100
90) Hexachloroethane	14.335	117	65949	51.190	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	168371	52.646	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26335	54.197	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	84825	51.814	ug/l	100
94) Hexachlorobutadiene	15.494	225	38359	45.082	ug/l	100
95) Naphthalene	15.641	128	286912	52.921	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	82767	50.616	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085246.D
Acq On : 18 Dec 2024 12:20
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:17:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 05:12:29 2024
Response via : Initial Calibration

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

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

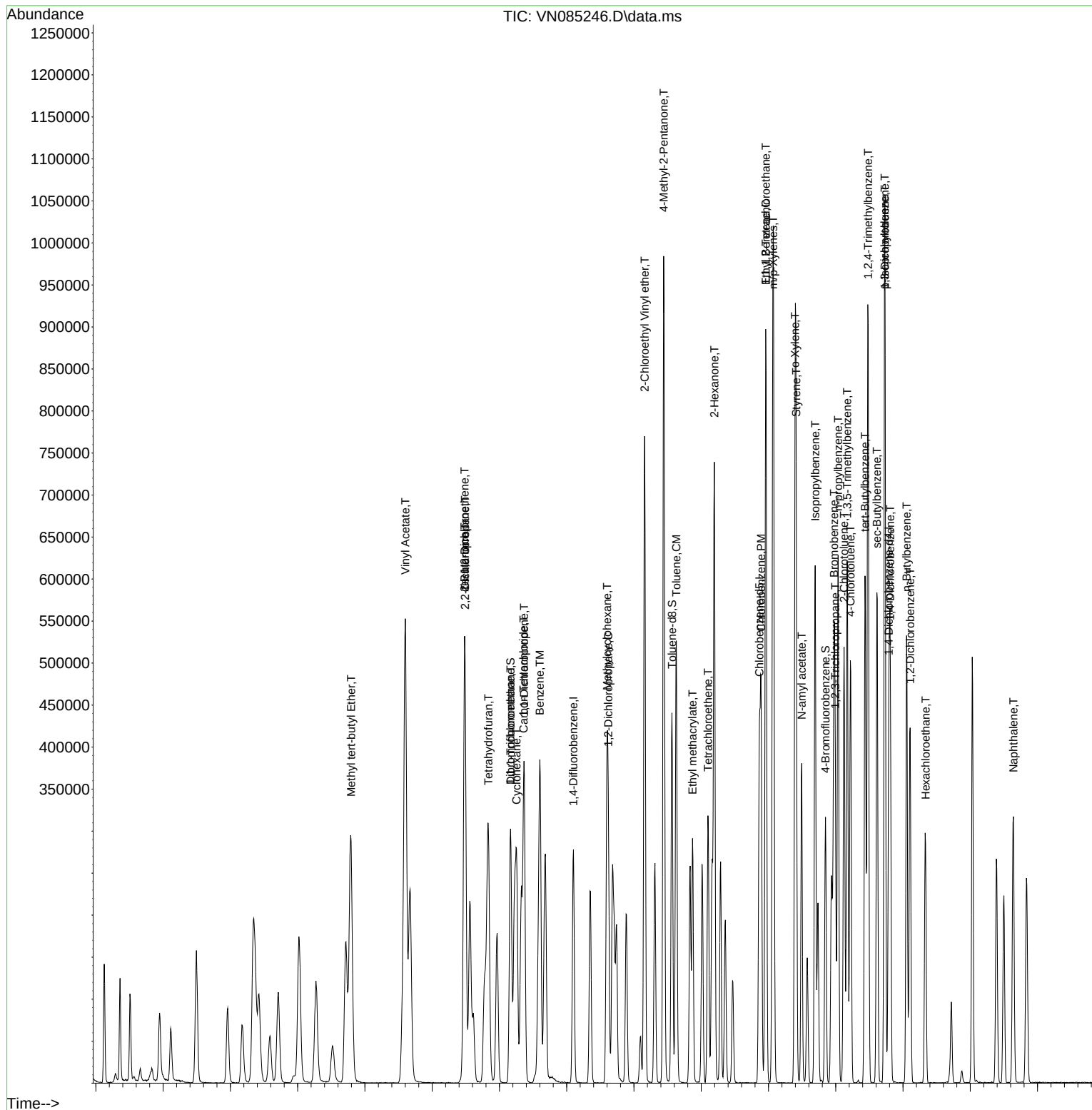
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085246.D
Acq On : 18 Dec 2024 12:20
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Dec 19 05:17:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 05:12:29 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085247.D
 Acq On : 18 Dec 2024 12:44
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 19 05:18:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	130848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	230166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97814	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	42467	18.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	37.140%#
35) Dibromofluoromethane	8.165	113	30464	18.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	37.660%#
50) Toluene-d8	10.565	98	109520	18.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	37.040%#
62) 4-Bromofluorobenzene	12.847	95	39138	18.527	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	37.060%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36793	17.651	ug/l	93
3) Chloromethane	2.359	50	36255	18.247	ug/l	99
4) Vinyl Chloride	2.507	62	35012	18.808	ug/l	95
5) Bromomethane	2.936	94	23319	19.095	ug/l	93
6) Chloroethane	3.118	64	22491	19.177	ug/l	95
7) Trichlorofluoromethane	3.495	101	56384	18.756	ug/l	100
8) Diethyl Ether	3.959	74	18535	19.630	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	30387	18.847	ug/l	98
10) Methyl Iodide	4.583	142	34886	18.977	ug/l	97
11) Tert butyl alcohol	5.518	59	31707	99.806	ug/l	98
12) 1,1-Dichloroethene	4.336	96	28796	19.281	ug/l	94
13) Acrolein	4.183	56	33238	90.851	ug/l	96
14) Allyl chloride	5.024	41	50227	19.374	ug/l	93
15) Acrylonitrile	5.712	53	82870	95.772	ug/l	97
16) Acetone	4.424	43	75866	96.102	ug/l	98
17) Carbon Disulfide	4.712	76	89817	17.623	ug/l	99
18) Methyl Acetate	5.024	43	42905	19.198	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	99531	19.444	ug/l	97
20) Methylene Chloride	5.271	84	33765	19.553	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	30715	18.654	ug/l	92
22) Diisopropyl ether	6.671	45	109701	19.882	ug/l	98
23) Vinyl Acetate	6.600	43	431157	101.127	ug/l	97
24) 1,1-Dichloroethane	6.559	63	62918	19.685	ug/l	96
25) 2-Butanone	7.483	43	117321	97.044	ug/l	98
26) 2,2-Dichloropropane	7.489	77	55260	18.671	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	35581	18.560	ug/l	95
28) Bromochloromethane	7.812	49	30562	18.960	ug/l	99
29) Tetrahydrofuran	7.836	42	77380	99.294	ug/l	99
30) Chloroform	7.965	83	63439	18.586	ug/l	97
31) Cyclohexane	8.253	56	54406	18.388	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	58796	19.327	ug/l	95
36) 1,1-Dichloropropene	8.371	75	44017	19.535	ug/l	98
37) Ethyl Acetate	7.553	43	48687	18.729	ug/l	98
38) Carbon Tetrachloride	8.359	117	50634	18.586	ug/l	96
39) Methylcyclohexane	9.600	83	44865	19.134	ug/l	94
40) Benzene	8.600	78	137494	19.615	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085247.D
 Acq On : 18 Dec 2024 12:44
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 19 05:18:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26500	20.003	ug/l	94
42) 1,2-Dichloroethane	8.671	62	50473	18.903	ug/l	99
43) Isopropyl Acetate	8.688	43	85017	17.884	ug/l	99
44) Trichloroethene	9.347	130	29954	19.194	ug/l	95
45) 1,2-Dichloropropane	9.618	63	32728	18.857	ug/l	96
46) Dibromomethane	9.706	93	23677	19.110	ug/l	98
47) Bromodichloromethane	9.883	83	52414	19.745	ug/l	92
48) Methyl methacrylate	9.677	41	38703	19.861	ug/l	100
49) 1,4-Dioxane	9.694	88	12769	415.595	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	250961	100.473	ug/l	99
52) Toluene	10.630	92	79828	18.940	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	51490	19.900	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	52973	19.256	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	31277	19.818	ug/l	99
56) Ethyl methacrylate	10.871	69	48783	17.766	ug/l	96
57) 1,3-Dichloropropane	11.159	76	53527	19.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	107576	86.401	ug/l	99
59) 2-Hexanone	11.194	43	187121	105.094	ug/l	97
60) Dibromochloromethane	11.359	129	36581	19.557	ug/l	99
61) 1,2-Dibromoethane	11.465	107	30969	19.051	ug/l	99
64) Tetrachloroethene	11.100	164	25942	18.969	ug/l	96
65) Chlorobenzene	11.888	112	86945	19.032	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	31216	19.585	ug/l	98
67) Ethyl Benzene	11.965	91	153907	19.655	ug/l	99
68) m/p-Xylenes	12.071	106	118927	40.609	ug/l	99
69) o-Xylene	12.400	106	54751	19.890	ug/l	97
70) Styrene	12.412	104	94774	20.623	ug/l	98
71) Bromoform	12.576	173	24556	19.655	ug/l #	96
73) Isopropylbenzene	12.694	105	142250	20.160	ug/l	100
74) N-amyl acetate	12.494	43	71120	20.180	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	48258	19.195	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	63927	29.957	ug/l	49
77) Bromobenzene	12.982	156	34019	18.363	ug/l	97
78) n-propylbenzene	13.035	91	174396	20.153	ug/l	99
79) 2-Chlorotoluene	13.123	91	107177	19.507	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	121797	20.695	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	16783	19.113	ug/l	96
82) 4-Chlorotoluene	13.218	91	110140	19.810	ug/l	99
83) tert-Butylbenzene	13.435	119	97483	19.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	122033	20.285	ug/l	100
85) sec-Butylbenzene	13.618	105	142338	20.455	ug/l	100
86) p-Isopropyltoluene	13.729	119	116092	18.517	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	63937	18.740	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	64631	18.308	ug/l	99
89) n-Butylbenzene	14.053	91	100250	19.590	ug/l	98
90) Hexachloroethane	14.329	117	23775	18.599	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	62512	19.700	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9658	20.032	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	29546	18.189	ug/l	96
94) Hexachlorobutadiene	15.500	225	15050	17.827	ug/l	97
95) Naphthalene	15.641	128	100101	18.609	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	29506	18.186	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085247.D
Acq On : 18 Dec 2024 12:44
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Quant Time: Dec 19 05:18:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 05:12:29 2024
Response via : Initial Calibration

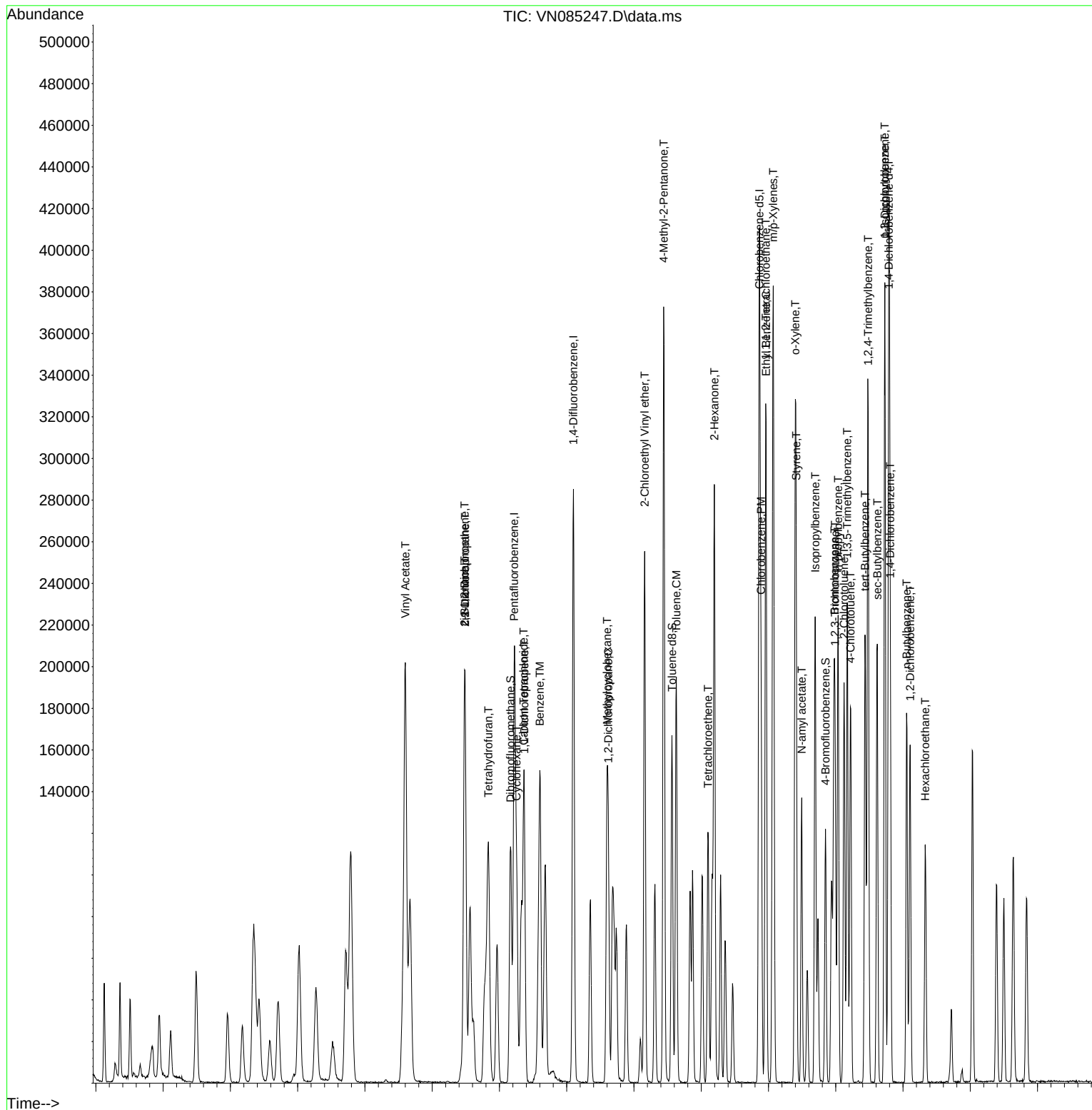
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085247.D
Acq On : 18 Dec 2024 12:44
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Quant Time: Dec 19 05:18:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 05:12:29 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085248.D
 Acq On : 18 Dec 2024 13:08
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 19 05:19:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	117786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	181577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	80359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	24346	11.826	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	23.660%#		
35) Dibromofluoromethane	8.165	113	16477	11.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	22.600%#		
50) Toluene-d8	10.565	98	57873	10.858	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	21.720%#		
62) 4-Bromofluorobenzene	12.847	95	20157	10.589	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	21.180%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	20121	10.723	ug/l	98
3) Chloromethane	2.359	50	18468	10.326	ug/l	95
4) Vinyl Chloride	2.512	62	17209	10.269	ug/l	95
5) Bromomethane	2.959	94	11730	10.671	ug/l	91
6) Chloroethane	3.124	64	10824	9.888	ug/l	90
7) Trichlorofluoromethane	3.495	101	29016	10.722	ug/l	95
8) Diethyl Ether	3.959	74	9280	10.918	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	15303	10.544	ug/l	98
10) Methyl Iodide	4.594	142	17056	10.307	ug/l	99
11) Tert butyl alcohol	5.524	59	14752	51.585	ug/l	98
12) 1,1-Dichloroethene	4.342	96	13848	10.301	ug/l	93
13) Acrolein	4.183	56	17587	53.402	ug/l	97
14) Allyl chloride	5.024	41	22563m	9.668	ug/l	
15) Acrylonitrile	5.718	53	41388	53.136	ug/l	96
16) Acetone	4.430	43	37764	53.142	ug/l	97
17) Carbon Disulfide	4.712	76	45201	9.852	ug/l	98
18) Methyl Acetate	5.024	43	20752	10.315	ug/l #	74
19) Methyl tert-butyl Ether	5.800	73	46591	10.111	ug/l	99
20) Methylene Chloride	5.271	84	15729	10.119	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	14076	9.497	ug/l	98
22) Diisopropyl ether	6.671	45	53490	10.769	ug/l #	95
23) Vinyl Acetate	6.606	43	194389	50.650	ug/l	98
24) 1,1-Dichloroethane	6.565	63	29952	10.410	ug/l	97
25) 2-Butanone	7.483	43	57348	52.697	ug/l	99
26) 2,2-Dichloropropane	7.483	77	28531	10.709	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	17823	10.328	ug/l	99
28) Bromochloromethane	7.812	49	14843	10.230	ug/l #	99
29) Tetrahydrofuran	7.841	42	37051	52.816	ug/l	98
30) Chloroform	7.959	83	30771	10.015	ug/l	98
31) Cyclohexane	8.253	56	27749	10.418	ug/l	87
32) 1,1,1-Trichloroethane	8.159	97	27840	10.166	ug/l	93
36) 1,1-Dichloropropene	8.371	75	20950	10.318	ug/l	99
37) Ethyl Acetate	7.559	43	24425	10.427	ug/l	95
38) Carbon Tetrachloride	8.365	117	24341	9.915	ug/l	94
39) Methylcyclohexane	9.600	83	20554	9.728	ug/l	98
40) Benzene	8.606	78	63473	10.048	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085248.D
 Acq On : 18 Dec 2024 13:08
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:19:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	12395	10.383	ug/l	97
42) 1,2-Dichloroethane	8.671	62	25475	10.588	ug/l	99
43) Isopropyl Acetate	8.688	43	42779	9.986	ug/l	97
44) Trichloroethene	9.347	130	14020	9.969	ug/l	98
45) 1,2-Dichloropropane	9.624	63	15480	9.897	ug/l	94
46) Dibromomethane	9.706	93	11455	10.260	ug/l	95
47) Bromodichloromethane	9.888	83	24133	10.088	ug/l	99
48) Methyl methacrylate	9.677	41	17700	10.079	ug/l	98
49) 1,4-Dioxane	9.694	88	6576	237.509	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	120183	53.394	ug/l	98
52) Toluene	10.624	92	37618	9.904	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	23203	9.951	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	25423	10.255	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	14536	10.221	ug/l	97
56) Ethyl methacrylate	10.871	69	22363	10.136	ug/l	97
57) 1,3-Dichloropropane	11.165	76	24872	9.936	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	45895	49.061	ug/l	98
59) 2-Hexanone	11.194	43	86680	54.023	ug/l	97
60) Dibromochloromethane	11.359	129	16999	10.085	ug/l	97
61) 1,2-Dibromoethane	11.465	107	15403	10.515	ug/l	97
64) Tetrachloroethene	11.100	164	12623	10.331	ug/l	94
65) Chlorobenzene	11.888	112	40267	9.865	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	15029	10.554	ug/l	98
67) Ethyl Benzene	11.965	91	69173	9.888	ug/l	98
68) m/p-Xylenes	12.070	106	51109	19.533	ug/l	97
69) o-Xylene	12.400	106	25515	10.374	ug/l	96
70) Styrene	12.412	104	39408	9.598	ug/l	98
71) Bromoform	12.576	173	11037	9.888	ug/l #	96
73) Isopropylbenzene	12.694	105	61642	10.634	ug/l	100
74) N-amyl acetate	12.488	43	30530	10.545	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	21900	10.603	ug/l	95
76) 1,2,3-Trichloropropane	12.988	75	18928m	10.796	ug/l	
77) Bromobenzene	12.982	156	15342	10.080	ug/l	94
78) n-propylbenzene	13.035	91	73038	10.273	ug/l	99
79) 2-Chlorotoluene	13.123	91	47815	10.593	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	51541	10.660	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	7838	10.865	ug/l	98
82) 4-Chlorotoluene	13.217	91	47005	10.291	ug/l	98
83) tert-Butylbenzene	13.435	119	41913	10.221	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	50877	10.294	ug/l	99
85) sec-Butylbenzene	13.617	105	59105	10.339	ug/l	99
86) p-Isopropyltoluene	13.729	119	45874	9.917	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	29285	10.448	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	28760	9.917	ug/l	98
89) n-Butylbenzene	14.053	91	40341	9.596	ug/l	99
90) Hexachloroethane	14.329	117	11123	10.592	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	27102	10.396	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	4652	11.745	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	12623	9.459	ug/l	95
94) Hexachlorobutadiene	15.500	225	6652	9.591	ug/l	93
95) Naphthalene	15.641	128	42098	9.526	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	13297	9.976	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085248.D
Acq On : 18 Dec 2024 13:08
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:19:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 05:12:29 2024
Response via : Initial Calibration

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

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

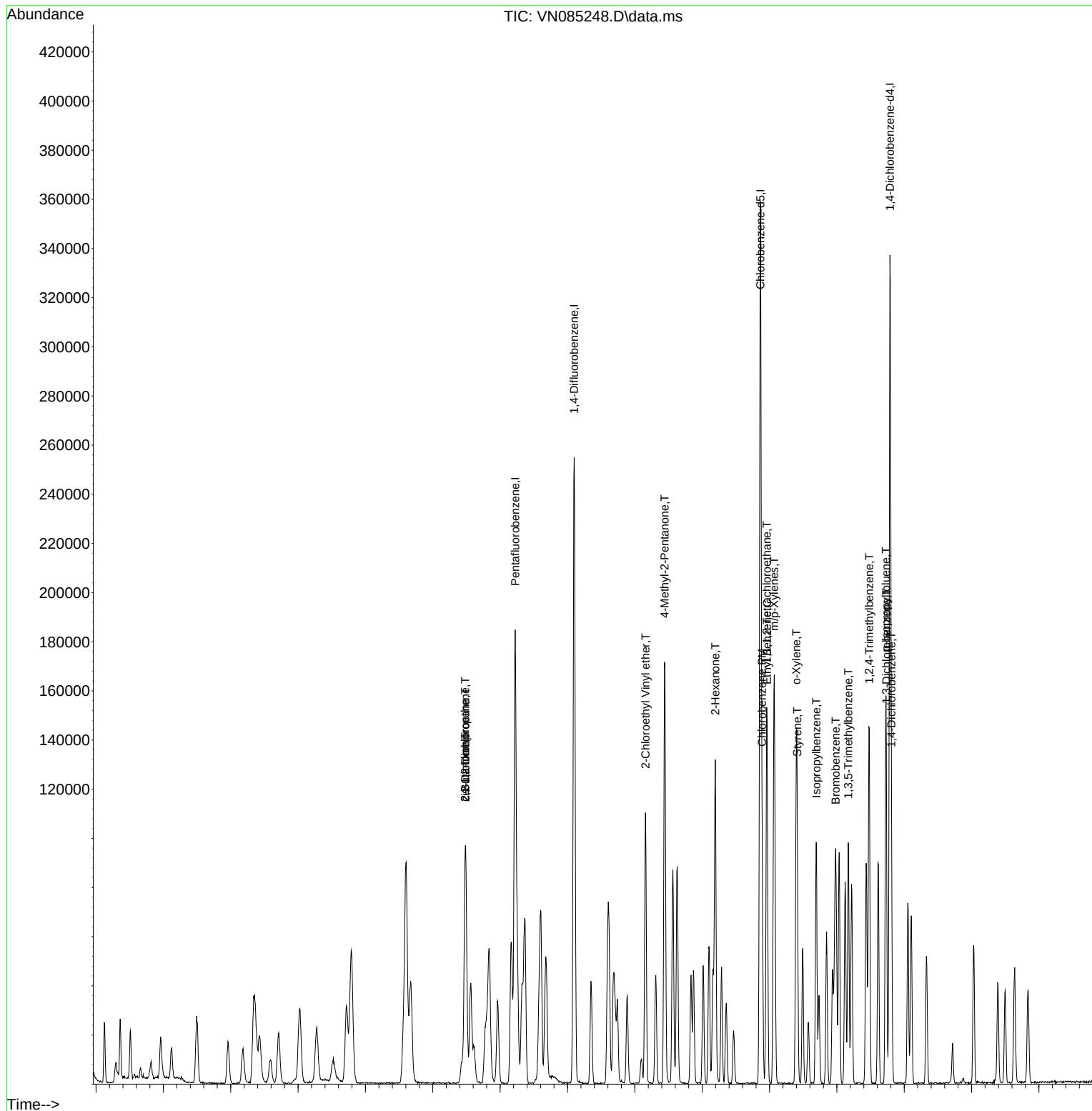

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\  
Data File : VN085248.D  
Acq On    : 18 Dec 2024 13:08  
Operator  : JC\MD  
Sample    : VSTDICC010  
Misc      : 5.0mL/MSVOA_N/WATER  
ALS Vial  : 6 Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:19:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 05:12:29 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085249.D
 Acq On : 18 Dec 2024 13:33
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:20:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	118161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	208462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	179857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	81812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	10300	4.987	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.980%#		
35) Dibromofluoromethane	8.165	113	6930	4.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.460%#		
50) Toluene-d8	10.565	98	24363	4.548	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.100%#		
62) 4-Bromofluorobenzene	12.847	95	8246	4.310	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	8.620%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	8552	4.543	ug/l	94
3) Chloromethane	2.359	50	7973	4.444	ug/l #	80
4) Vinyl Chloride	2.507	62	7913	4.707	ug/l	91
5) Bromomethane	2.942	94	5788	5.249	ug/l	82
6) Chloroethane	3.112	64	5141	4.270	ug/l	99
7) Trichlorofluoromethane	3.495	101	13956	5.141	ug/l	87
8) Diethyl Ether	3.959	74	4055	4.756	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	7130	4.897	ug/l	96
10) Methyl Iodide	4.589	142	7671	4.621	ug/l #	90
11) Tert butyl alcohol	5.524	59	7940	27.677	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	6834	5.067	ug/l	81
13) Acrolein	4.183	56	9089	27.511	ug/l	95
14) Allyl chloride	5.018	41	11517m	4.919	ug/l	
15) Acrylonitrile	5.718	53	19826	25.373	ug/l	94
16) Acetone	4.430	43	17066	23.939	ug/l	92
17) Carbon Disulfide	4.706	76	21904	4.759	ug/l	100
18) Methyl Acetate	5.024	43	10156	5.032	ug/l #	74
19) Methyl tert-butyl Ether	5.789	73	22107	4.782	ug/l	99
20) Methylene Chloride	5.277	84	7716	4.948	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	7480	5.031	ug/l	86
22) Diisopropyl ether	6.671	45	24072	4.831	ug/l #	87
23) Vinyl Acetate	6.600	43	87406	22.702	ug/l	97
24) 1,1-Dichloroethane	6.565	63	14175	4.911	ug/l	98
25) 2-Butanone	7.489	43	26587	24.353	ug/l	94
26) 2,2-Dichloropropane	7.489	77	12837	4.803	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	8025	4.635	ug/l	95
28) Bromochloromethane	7.818	49	6906	4.744	ug/l #	98
29) Tetrahydrofuran	7.841	42	16381	23.277	ug/l	98
30) Chloroform	7.965	83	14768	4.791	ug/l	97
31) Cyclohexane	8.247	56	14453	5.409	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	12937	4.709	ug/l	91
36) 1,1-Dichloropropene	8.365	75	8898	4.360	ug/l	98
37) Ethyl Acetate	7.559	43	12366	5.252	ug/l #	95
38) Carbon Tetrachloride	8.365	117	11905	4.825	ug/l	85
39) Methylcyclohexane	9.594	83	9043	4.258	ug/l	94
40) Benzene	8.600	78	30681	4.833	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085249.D
 Acq On : 18 Dec 2024 13:33
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:20:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	5611	4.676	ug/l	93
42) 1,2-Dichloroethane	8.671	62	11828	4.891	ug/l	99
43) Isopropyl Acetate	8.688	43	19471	4.522	ug/l	98
44) Trichloroethene	9.347	130	6824	4.828	ug/l	86
45) 1,2-Dichloropropane	9.624	63	7717	4.909	ug/l	91
46) Dibromomethane	9.706	93	5495	4.897	ug/l	98
47) Bromodichloromethane	9.888	83	11320	4.708	ug/l	94
48) Methyl methacrylate	9.683	41	7921	4.488	ug/l	99
49) 1,4-Dioxane	9.700	88	2671	95.985	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	53682	23.729	ug/l	100
52) Toluene	10.630	92	17541	4.595	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	11095	4.734	ug/l	91
54) cis-1,3-Dichloropropene	10.306	75	11559	4.639	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	6841	4.786	ug/l	99
56) Ethyl methacrylate	10.871	69	9510	5.579	ug/l	97
57) 1,3-Dichloropropane	11.159	76	12003	4.771	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	20838	30.655	ug/l	97
59) 2-Hexanone	11.194	43	36841	22.845	ug/l	95
60) Dibromochloromethane	11.353	129	8061	4.758	ug/l	98
61) 1,2-Dibromoethane	11.465	107	7045	4.785	ug/l	100
64) Tetrachloroethene	11.100	164	6130	5.065	ug/l #	87
65) Chlorobenzene	11.888	112	19753	4.886	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	6906	4.896	ug/l	97
67) Ethyl Benzene	11.965	91	30951	4.466	ug/l	100
68) m/p-Xylenes	12.065	106	23102	8.914	ug/l	100
69) o-Xylene	12.394	106	10391	4.265	ug/l	97
70) Styrene	12.412	104	17024	4.186	ug/l	98
71) Bromoform	12.576	173	5534	5.005	ug/l #	95
73) Isopropylbenzene	12.694	105	27255	4.618	ug/l	98
74) N-amyl acetate	12.494	43	12710	4.312	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	10500	4.993	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	8941m	5.009	ug/l	
77) Bromobenzene	12.976	156	7303	4.713	ug/l	95
78) n-propylbenzene	13.035	91	30515	4.216	ug/l	99
79) 2-Chlorotoluene	13.124	91	21362	4.648	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	20420	4.148	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	3037	4.135	ug/l	92
82) 4-Chlorotoluene	13.223	91	21725	4.672	ug/l	100
83) tert-Butylbenzene	13.435	119	18639	4.465	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	21692	4.311	ug/l	97
85) sec-Butylbenzene	13.618	105	24574	4.222	ug/l	97
86) p-Isopropyltoluene	13.729	119	19136	5.212	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	13219	4.632	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	14078	4.768	ug/l	96
89) n-Butylbenzene	14.059	91	17185	4.015	ug/l	99
90) Hexachloroethane	14.329	117	4807	4.496	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	12593	4.745	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2053	5.091	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	5886	4.332	ug/l	97
94) Hexachlorobutadiene	15.500	225	3772	5.342	ug/l	88
95) Naphthalene	15.635	128	18483	4.108	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	6162	4.541	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085249.D
Acq On : 18 Dec 2024 13:33
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:20:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 05:12:29 2024
Response via : Initial Calibration

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

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

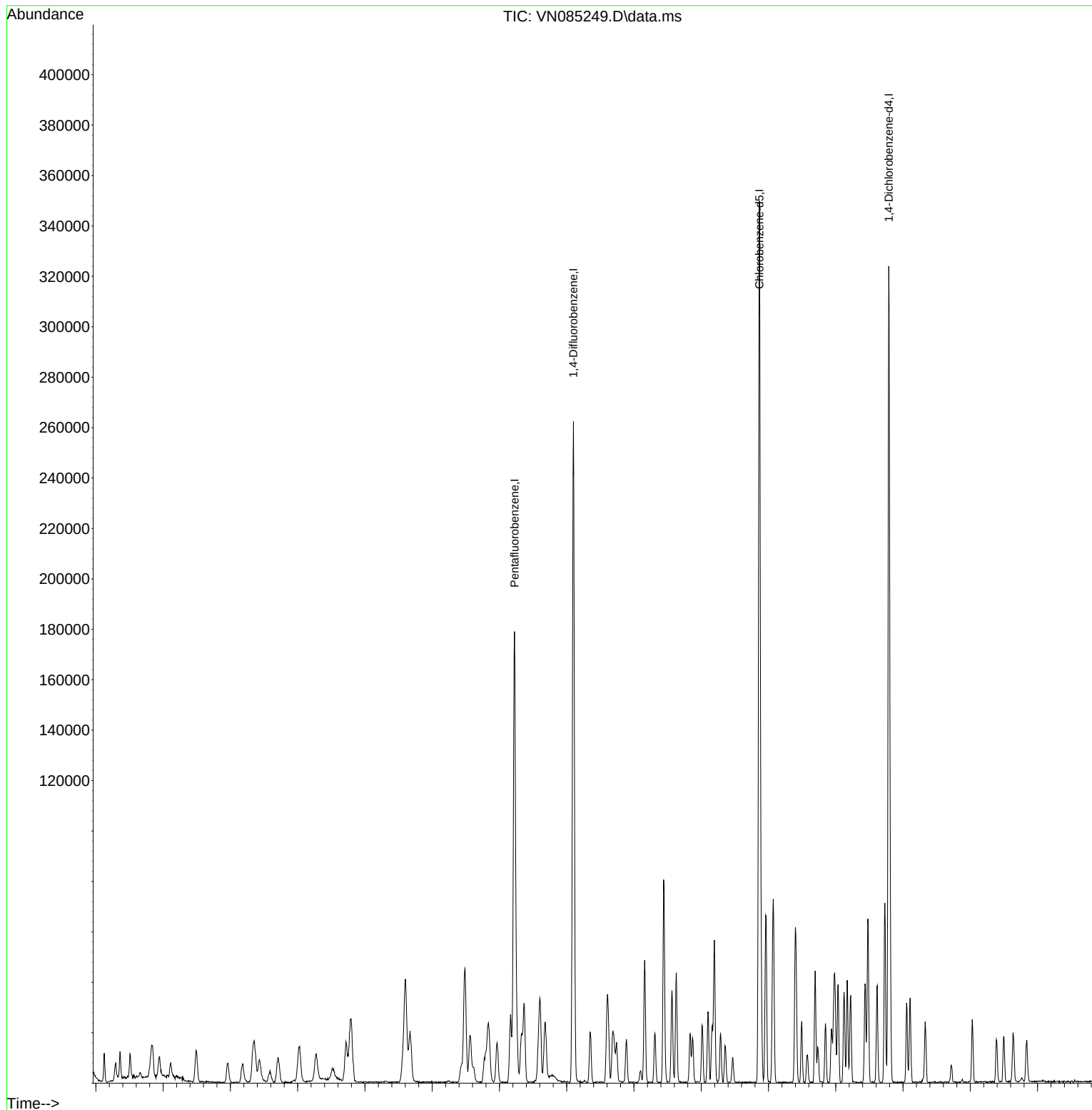
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Data File : VN085249.D
Acq On : 18 Dec 2024 13:33
Operator : JC\MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:20:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 05:12:29 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085250.D
 Acq On : 18 Dec 2024 13:57
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 06:25:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:19:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	101896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	189964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	158846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	62164	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	2.124	85	1624	1.000	ug/l	84
3) Chloromethane	2.359	50	1948	1.259	ug/l #	87
4) Vinyl Chloride	2.512	62	1567	1.081	ug/l #	79
6) Chloroethane	3.118	64	1766	1.131	ug/l #	83
7) Trichlorofluoromethane	3.495	101	2202	0.941	ug/l #	62
8) Diethyl Ether	3.959	74	626	0.851	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	1251	0.996	ug/l #	82
12) 1,1-Dichloroethene	4.342	96	1071	0.921	ug/l #	60
14) Allyl chloride	5.024	41	2044	1.015	ug/l #	22
15) Acrylonitrile	5.718	53	3280	4.868	ug/l	94
16) Acetone	4.448	43	3525	5.734	ug/l #	89
17) Carbon Disulfide	4.712	76	5242	1.321	ug/l #	93
18) Methyl Acetate	5.036	43	1933	1.111	ug/l #	69
19) Methyl tert-butyl Ether	5.812	73	3691	0.926	ug/l	99
20) Methylene Chloride	5.277	84	1388	1.032	ug/l #	88
21) trans-1,2-Dichloroethene	5.783	96	1469	1.146	ug/l #	68
22) Diisopropyl ether	6.671	45	3365	0.783	ug/l #	84
23) Vinyl Acetate	6.606	43	14035	4.227	ug/l	97
24) 1,1-Dichloroethane	6.571	63	2432	0.977	ug/l #	85
25) 2-Butanone	7.494	43	4745	5.040	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	2289	0.993	ug/l	80
27) cis-1,2-Dichloroethene	7.489	96	1602	1.073	ug/l	89
28) Bromochloromethane	7.812	49	1388	1.106	ug/l #	87
29) Tetrahydrofuran	7.836	42	2887	4.757	ug/l #	84
30) Chloroform	7.959	83	3033	1.141	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	2468	1.042	ug/l #	47
36) 1,1-Dichloropropene	8.371	75	1708	0.918	ug/l #	83
37) Ethyl Acetate	7.565	43	2044	0.953	ug/l #	71
38) Carbon Tetrachloride	8.359	117	2355	1.047	ug/l #	90
39) Methylcyclohexane	9.588	83	1720	0.889	ug/l #	81
40) Benzene	8.606	78	5368	0.928	ug/l	90
41) Methacrylonitrile	7.777	41	946	0.865	ug/l #	74
42) 1,2-Dichloroethane	8.671	62	2046	0.928	ug/l #	77
43) Isopropyl Acetate	8.694	43	4966	1.266	ug/l #	82
44) Trichloroethene	9.347	130	1270	0.986	ug/l	65
45) 1,2-Dichloropropane	9.612	63	1387	0.968	ug/l #	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085250.D
 Acq On : 18 Dec 2024 13:57
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 06:25:26 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M

Quant Title : SW846 8260

QLast Update : Thu Dec 19 06:19:00 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	954	0.933	ug/l #	78
47) Bromodichloromethane	9.883	83	2026	0.925	ug/l #	89
48) Methyl methacrylate	9.683	41	1393	0.866	ug/l	92
49) 1,4-Dioxane	9.700	88	361	14.236	ug/l #	40
51) 4-Methyl-2-Pentanone	10.447	43	8391	4.070	ug/l	97
52) Toluene	10.624	92	3238	0.931	ug/l	89
53) t-1,3-Dichloropropene	10.841	75	1627	0.762	ug/l #	84
54) cis-1,3-Dichloropropene	10.312	75	1915	0.843	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	1186	0.911	ug/l #	67
56) Ethyl methacrylate	10.871	69	1442	2.793	ug/l	97
57) 1,3-Dichloropropane	11.165	76	2128	0.928	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	2886	17.794	ug/l	97
59) 2-Hexanone	11.194	43	5374	3.657	ug/l	94
60) Dibromochloromethane	11.359	129	1329	0.861	ug/l	98
61) 1,2-Dibromoethane	11.471	107	1216	0.906	ug/l	93
64) Tetrachloroethene	11.100	164	1012	0.947	ug/l #	73
65) Chlorobenzene	11.888	112	3581	1.003	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	1078	0.865	ug/l #	58
67) Ethyl Benzene	11.959	91	5208	0.851	ug/l	97
68) m/p-Xylenes	12.071	106	3798	1.659	ug/l	99
69) o-Xylene	12.400	106	1692	0.786	ug/l	95
70) Styrene	12.418	104	2751	0.766	ug/l	95
71) Bromoform	12.576	173	842	0.862	ug/l #	99
73) Isopropylbenzene	12.694	105	3330	0.743	ug/l	97
74) N-amyl acetate	12.488	43	1748	0.780	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.929	83	1677	1.050	ug/l #	91
76) 1,2,3-Trichloropropane	12.994	75	1455m	0.982	ug/l	
77) Bromobenzene	12.976	156	1330	1.130	ug/l	92
78) n-propylbenzene	13.035	91	4704	0.855	ug/l	93
79) 2-Chlorotoluene	13.118	91	3091	0.885	ug/l	95
80) 1,3,5-Trimethylbenzene	13.171	105	2808	0.751	ug/l	99
82) 4-Chlorotoluene	13.229	91	3041	0.861	ug/l	96
83) tert-Butylbenzene	13.435	119	2748	0.866	ug/l	85
84) 1,2,4-Trimethylbenzene	13.471	105	3057	0.800	ug/l	92
85) sec-Butylbenzene	13.612	105	3372	0.762	ug/l	92
86) p-Isopropyltoluene	13.729	119	2415	2.489	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	2237	1.032	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	2631m	1.173	ug/l	
89) n-Butylbenzene	14.053	91	2897	0.891	ug/l	92
90) Hexachloroethane	14.329	117	842	1.036	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	1864	0.924	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.712	75	212	0.692	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	1206	1.168	ug/l #	82
94) Hexachlorobutadiene	15.494	225	673	1.254	ug/l	79
95) Naphthalene	15.641	128	3956	1.157	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.841	180	1186	1.150	ug/l	89

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

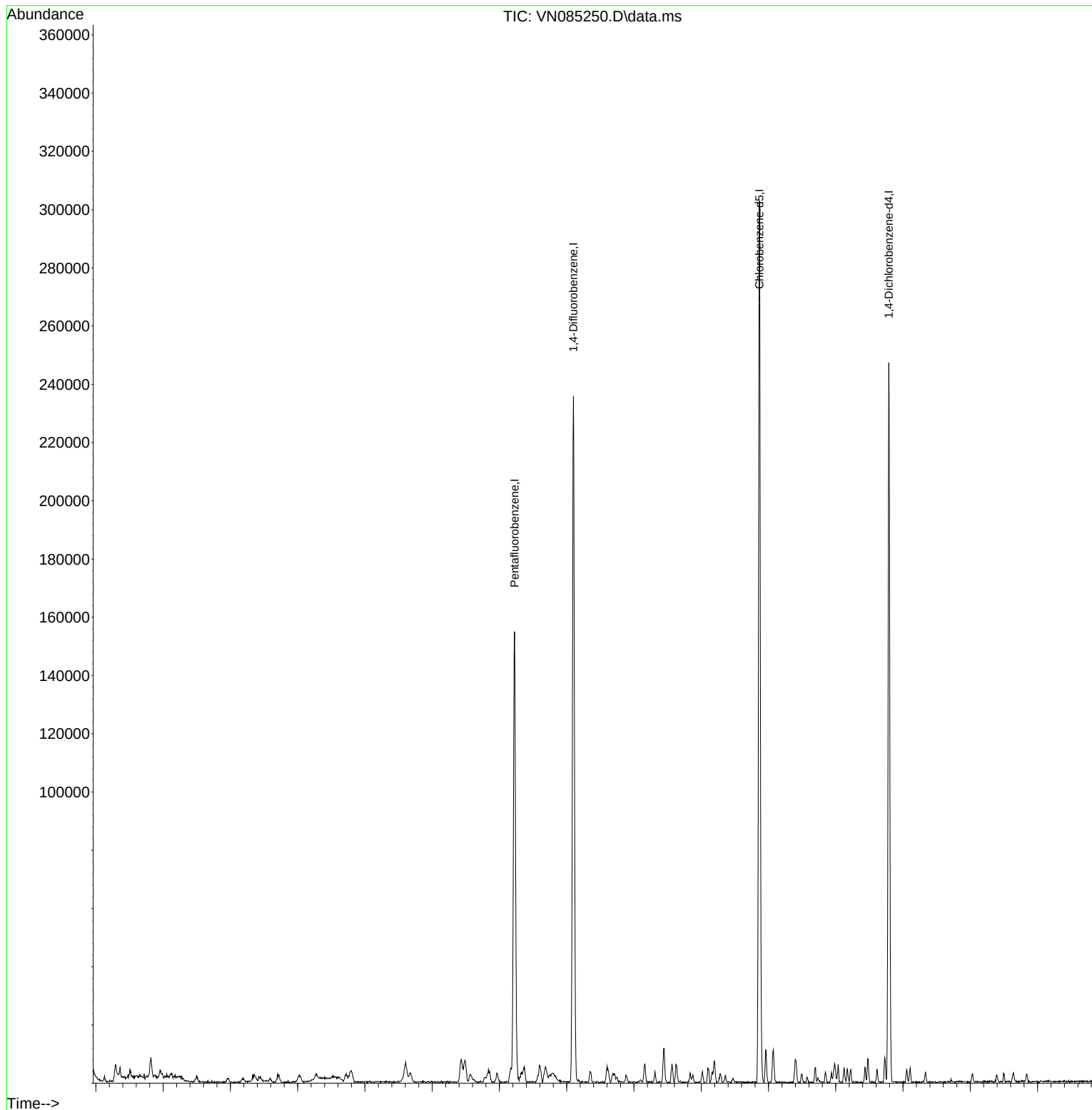
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085250.D
Acq On : 18 Dec 2024 13:57
Operator : JC\MD
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 06:25:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:19:00 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085252.D
 Acq On : 18 Dec 2024 15:28
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN121824

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 06:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	118913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	201330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	186269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100452	48.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.660%
35) Dibromofluoromethane	8.165	113	70873	50.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.140%
50) Toluene-d8	10.565	98	277928	53.722	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.440%
62) 4-Bromofluorobenzene	12.847	95	101431	54.892	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	100635	53.124	ug/l	96
3) Chloromethane	2.359	50	86111	47.690	ug/l	98
4) Vinyl Chloride	2.506	62	87289	51.596	ug/l	98
5) Bromomethane	2.947	94	52053	46.903	ug/l	94
6) Chloroethane	3.112	64	53840	51.794	ug/l	98
7) Trichlorofluoromethane	3.489	101	133014	48.688	ug/l	97
8) Diethyl Ether	3.959	74	43768	51.005	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	73015	49.831	ug/l	99
10) Methyl Iodide	4.583	142	84032	50.298	ug/l	98
11) Tert butyl alcohol	5.524	59	70102	242.811	ug/l	98
12) 1,1-Dichloroethene	4.341	96	68199	50.247	ug/l	90
13) Acrolein	4.177	56	80247	241.358	ug/l	95
14) Allyl chloride	5.024	41	117898	50.158	ug/l	96
15) Acrylonitrile	5.718	53	201679	256.471	ug/l	99
16) Acetone	4.424	43	180678	251.841	ug/l	93
17) Carbon Disulfide	4.706	76	213424	46.079	ug/l	96
18) Methyl Acetate	5.024	43	98726	48.608	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	243754	52.397	ug/l	96
20) Methylene Chloride	5.265	84	78743	50.176	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	73555	49.155	ug/l	93
22) Diisopropyl ether	6.671	45	269936	53.833	ug/l	98
23) Vinyl Acetate	6.600	43	1052093	271.533	ug/l	99
24) 1,1-Dichloroethane	6.565	63	144468	49.737	ug/l	99
25) 2-Butanone	7.482	43	291500	265.320	ug/l	98
26) 2,2-Dichloropropane	7.488	77	136132	50.613	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	87010	49.941	ug/l	98
28) Bromochloromethane	7.812	49	68849	47.000	ug/l	99
29) Tetrahydrofuran	7.835	42	192364	271.615	ug/l	98
30) Chloroform	7.965	83	154690	49.869	ug/l	99
31) Cyclohexane	8.253	56	132384	49.233	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	139048	50.294	ug/l	100
36) 1,1-Dichloropropene	8.371	75	107913	54.752	ug/l	100
37) Ethyl Acetate	7.559	43	115253	50.687	ug/l	99
38) Carbon Tetrachloride	8.359	117	122741	51.507	ug/l	98
39) Methylcyclohexane	9.600	83	116519	56.812	ug/l	96
40) Benzene	8.606	78	323372	52.739	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085252.D
 Acq On : 18 Dec 2024 15:28
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121824

Quant Time: Dec 19 06:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	65451	56.481	ug/l	96
42) 1,2-Dichloroethane	8.671	62	121250	51.915	ug/l	98
43) Isopropyl Acetate	8.688	43	198852	47.821	ug/l	99
44) Trichloroethene	9.347	130	70123	51.368	ug/l	97
45) 1,2-Dichloropropane	9.618	63	80814	53.231	ug/l	94
46) Dibromomethane	9.706	93	58019	53.535	ug/l	97
47) Bromodichloromethane	9.888	83	123021	52.981	ug/l	99
48) Methyl methacrylate	9.676	41	96934	56.867	ug/l	99
49) 1,4-Dioxane	9.688	88	32106	1194.626	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	615797	281.847	ug/l	100
52) Toluene	10.629	92	206579	56.032	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	128008	56.558	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	132334	54.993	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	73831	53.481	ug/l	97
56) Ethyl methacrylate	10.870	69	128963	49.171	ug/l	98
57) 1,3-Dichloropropane	11.159	76	132887	54.692	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	278019	225.002	ug/l	99
59) 2-Hexanone	11.194	43	463104	297.348	ug/l	100
60) Dibromochloromethane	11.359	129	92524	56.551	ug/l	98
61) 1,2-Dibromoethane	11.470	107	75923	53.395	ug/l	99
64) Tetrachloroethene	11.106	164	63660	50.789	ug/l	98
65) Chlorobenzene	11.888	112	219513	52.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	78102	53.465	ug/l	98
67) Ethyl Benzene	11.965	91	402467	56.080	ug/l	99
68) m/p-Xylenes	12.070	106	307924	114.719	ug/l	98
69) o-Xylene	12.400	106	143866	57.023	ug/l	100
70) Styrene	12.412	104	252729	60.003	ug/l	98
71) Bromoform	12.576	173	63048	55.061	ug/l #	97
73) Isopropylbenzene	12.694	105	376220	54.303	ug/l	99
74) N-ethyl acetate	12.494	43	187408	54.159	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	118555	48.027	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	115241m	50.339	ug/l	
77) Bromobenzene	12.976	156	87301	47.993	ug/l	97
78) n-propylbenzene	13.035	91	466664	54.923	ug/l	100
79) 2-Chlorotoluene	13.123	91	281525	52.185	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	322948	55.885	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	44319	51.405	ug/l	97
82) 4-Chlorotoluene	13.223	91	286287	52.442	ug/l	100
83) tert-Butylbenzene	13.435	119	270071	55.108	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	328162	55.555	ug/l	99
85) sec-Butylbenzene	13.617	105	382146	55.931	ug/l	99
86) p-Isopropyltoluene	13.729	119	319260	48.357	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	164519	49.112	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	165750	47.820	ug/l	99
89) n-Butylbenzene	14.059	91	280501	55.826	ug/l	99
90) Hexachloroethane	14.335	117	62380	49.700	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	161855	51.948	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25480	53.825	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	75818	47.537	ug/l	97
94) Hexachlorobutadiene	15.500	225	37092	44.747	ug/l	94
95) Naphthalene	15.641	128	249960	47.325	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	74756	46.927	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085252.D
Acq On : 18 Dec 2024 15:28
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 06:44:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

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

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

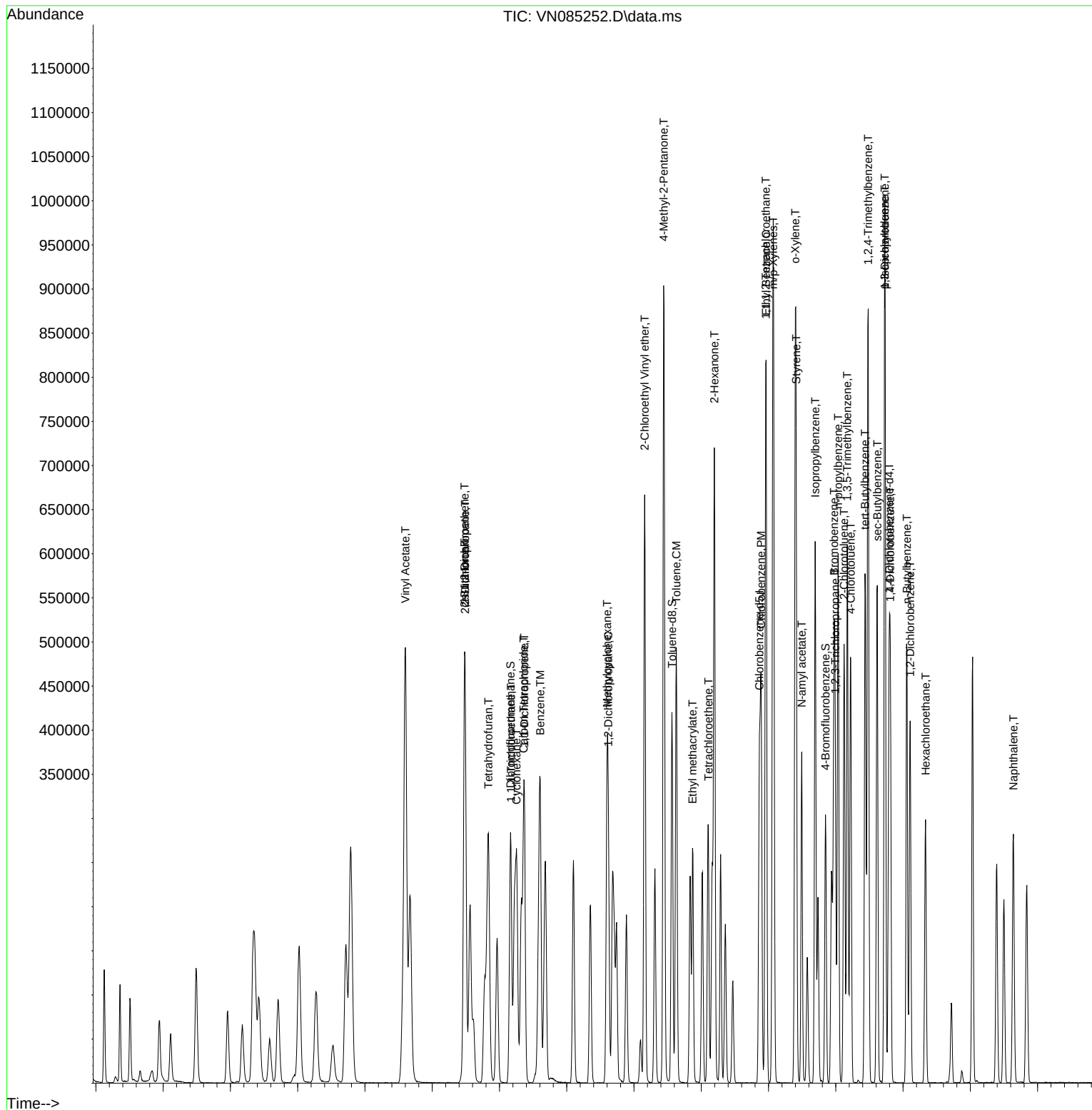
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\  
Data File : VN085252.D  
Acq On    : 18 Dec 2024   15:28  
Operator  : JC\MD  
Sample    : VSTDICV050  
Misc      : 5.0mL/MSVOA_N/WATER  
ALS Vial  : 11   Sample Multiplier: 1
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Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824

Manual Integrations APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 06:44:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085252.D
 Acq On : 18 Dec 2024 15:28
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121824

Quant Time: Dec 19 06:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 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	91	0.00
2 T	Dichlorodifluoromethane	0.797	0.846	-6.1	90	0.00
3 P	Chloromethane	0.759	0.724	4.6	88	0.00
4 C	Vinyl Chloride	0.711	0.734	-3.2#	91	0.00
5 T	Bromomethane	0.467	0.438	6.2	84	0.00
6 T	Chloroethane	0.513	0.453	11.7	90	0.00
7 T	Trichlorofluoromethane	1.149	1.119	2.6	83	0.00
8 T	Diethyl Ether	0.361	0.368	-1.9	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.616	0.614	0.3	90	0.00
10 T	Methyl Iodide	0.702	0.707	-0.7	87	0.00
11 T	Tert butyl alcohol	0.121	0.118	2.5	92	0.00
12 CM	1,1-Dichloroethene	0.571	0.574	-0.5#	88	0.00
13 T	Acrolein	0.140	0.135	3.6	92	0.00
14 T	Allyl chloride	0.988	0.991	-0.3	90	0.00
15 T	Acrylonitrile	0.331	0.339	-2.4	92	0.00
16 T	Acetone	0.302	0.304	-0.7	95	0.00
17 T	Carbon Disulfide	1.948	1.795	7.9	89	0.00
18 T	Methyl Acetate	0.854	0.830	2.8	91	0.00
19 T	Methyl tert-butyl Ether	1.956	2.050	-4.8	90	0.00
20 T	Methylene Chloride	0.660	0.662	-0.3	91	-0.01
21 T	trans-1,2-Dichloroethene	0.629	0.619	1.6	92	0.00
22 T	Diisopropyl ether	2.108	2.270	-7.7	90	0.00
23 T	Vinyl Acetate	1.629	1.770	-8.7	90	0.00
24 P	1,1-Dichloroethane	1.221	1.215	0.5	89	0.00
25 T	2-Butanone	0.462	0.490	-6.1	96	0.00
26 T	2,2-Dichloropropane	1.131	1.145	-1.2	90	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.732	0.1	89	0.00
28 T	Bromochloromethane	0.616	0.579	6.0	86	0.00
29 T	Tetrahydrofuran	0.298	0.324	-8.7	93	0.00
30 C	Chloroform	1.304	1.301	0.2#	92	0.00
31 T	Cyclohexane	1.131	1.113	1.6	91	0.00
32 T	1,1,1-Trichloroethane	1.162	1.169	-0.6	90	0.00
33 S	1,2-Dichloroethane-d4	0.874	0.845	3.3	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.352	0.352	0.0	92	0.00
36 T	1,1-Dichloropropene	0.489	0.536	-9.6	92	0.00
37 T	Ethyl Acetate	0.565	0.572	-1.2	90	0.00
38 T	Carbon Tetrachloride	0.592	0.610	-3.0	91	0.00
39 T	Methylcyclohexane	0.509	0.579	-13.8	91	0.00
40 TM	Benzene	1.523	1.606	-5.4	91	0.00
41 T	Methacrylonitrile	0.288	0.325	-12.8	96	0.00
42 TM	1,2-Dichloroethane	0.580	0.602	-3.8	91	0.00
43 T	Isopropyl Acetate	1.033	0.988	4.4	90	0.00
44 TM	Trichloroethene	0.339	0.348	-2.7	91	0.00
45 C	1,2-Dichloropropane	0.377	0.401	-6.4#	91	0.00
46 T	Dibromomethane	0.269	0.288	-7.1	93	0.00
47 T	Bromodichloromethane	0.577	0.611	-5.9	90	0.00
48 T	Methyl methacrylate	0.423	0.481	-13.7	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085252.D
 Acq On : 18 Dec 2024 15:28
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121824

Quant Time: Dec 19 06:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 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	0.007	0.008	-14.3	99	0.00
50 S	Toluene-d8	1.285	1.380	-7.4	96	0.00
51 T	4-Methyl-2-Pentanone	0.543	0.612	-12.7	93	0.00
52 CM	Toluene	0.916	1.026	-12.0#	93	0.00
53 T	t-1,3-Dichloropropene	0.562	0.636	-13.2	92	0.00
54 T	cis-1,3-Dichloropropene	0.598	0.657	-9.9	90	0.00
55 T	1,1,2-Trichloroethane	0.343	0.367	-7.0	93	0.00
56 T	Ethyl methacrylate	0.535	0.641	-19.8	90	0.00
57 T	1,3-Dichloropropane	0.603	0.660	-9.5	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.237	0.276	-16.5	84	0.00
59 T	2-Hexanone	0.387	0.460	-18.9	96	0.00
60 T	Dibromochloromethane	0.406	0.460	-13.3	94	0.00
61 T	1,2-Dibromoethane	0.353	0.377	-6.8	91	0.00
62 S	4-Bromofluorobenzene	0.459	0.504	-9.8	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.336	0.342	-1.8	92	0.00
65 PM	Chlorobenzene	1.124	1.178	-4.8	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.392	0.419	-6.9	96	0.00
67 C	Ethyl Benzene	1.926	2.161	-12.2#	93	0.00
68 T	m/p-Xylenes	0.721	0.827	-14.7	94	0.00
69 T	o-Xylene	0.677	0.772	-14.0	93	0.00
70 T	Styrene	1.131	1.357	-20.0	96	0.00
71 P	Bromoform	0.307	0.338	-10.1	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.607	3.917	-8.6	96	0.00
74 T	N-amyl acetate	1.801	1.951	-8.3	93	0.00
75 P	1,1,2,2-Tetrachloroethane	1.285	1.234	4.0	96	0.00
76 T	1,2,3-Trichloropropane	1.192	1.200	-0.7	110	0.00
77 T	Bromobenzene	0.947	0.909	4.0	94	0.00
78 T	n-propylbenzene	4.424	4.859	-9.8	97	0.00
79 T	2-Chlorotoluene	2.809	2.931	-4.3	95	0.00
80 T	1,3,5-Trimethylbenzene	3.008	3.363	-11.8	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.449	0.461	-2.7	97	0.00
82 T	4-Chlorotoluene	2.842	2.981	-4.9	95	0.00
83 T	tert-Butylbenzene	2.551	2.812	-10.2	97	0.00
84 T	1,2,4-Trimethylbenzene	3.075	3.417	-11.1	96	0.00
85 T	sec-Butylbenzene	3.557	3.979	-11.9	95	0.00
86 T	p-Isopropyltoluene	2.837	3.324	-17.2	96	0.00
87 T	1,3-Dichlorobenzene	1.744	1.713	1.8	94	0.00
88 T	1,4-Dichlorobenzene	1.805	1.726	4.4	95	0.00
89 T	n-Butylbenzene	2.616	2.921	-11.7	96	0.00
90 T	Hexachloroethane	0.653	0.650	0.5	95	0.00
91 T	1,2-Dichlorobenzene	1.622	1.685	-3.9	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.246	0.265	-7.7	97	0.00
93 T	1,2,4-Trichlorobenzene	0.830	0.789	4.9	89	0.00
94 T	Hexachlorobutadiene	0.432	0.386	10.6	97	0.00
95 T	Naphthalene	2.750	2.603	5.3	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085252.D
Acq On : 18 Dec 2024 15:28
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824

Quant Time: Dec 19 06:44:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 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	0.829	0.778	6.2	90	0.00

(#) = Out of Range

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085252.D
 Acq On : 18 Dec 2024 15:28
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121824

Quant Time: Dec 19 06:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	53.124	-6.2	90	0.00
3 P	Chloromethane	50.000	47.690	4.6	88	0.00
4 C	Vinyl Chloride	50.000	51.596	-3.2#	91	0.00
5 T	Bromomethane	50.000	46.903	6.2	84	0.00
6 T	Chloroethane	50.000	51.794	-3.6	90	0.00
7 T	Trichlorofluoromethane	50.000	48.688	2.6	83	0.00
8 T	Diethyl Ether	50.000	51.005	-2.0	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.831	0.3	90	0.00
10 T	Methyl Iodide	50.000	50.298	-0.6	87	0.00
11 T	Tert butyl alcohol	250.000	242.811	2.9	92	0.00
12 CM	1,1-Dichloroethene	50.000	50.247	-0.5#	88	0.00
13 T	Acrolein	250.000	241.358	3.5	92	0.00
14 T	Allyl chloride	50.000	50.158	-0.3	90	0.00
15 T	Acrylonitrile	250.000	256.471	-2.6	92	0.00
16 T	Acetone	250.000	251.841	-0.7	95	0.00
17 T	Carbon Disulfide	50.000	46.079	7.8	89	0.00
18 T	Methyl Acetate	50.000	48.608	2.8	91	0.00
19 T	Methyl tert-butyl Ether	50.000	52.397	-4.8	90	0.00
20 T	Methylene Chloride	50.000	50.176	-0.4	91	-0.01
21 T	trans-1,2-Dichloroethene	50.000	49.155	1.7	92	0.00
22 T	Diisopropyl ether	50.000	53.833	-7.7	90	0.00
23 T	Vinyl Acetate	250.000	271.533	-8.6	90	0.00
24 P	1,1-Dichloroethane	50.000	49.737	0.5	89	0.00
25 T	2-Butanone	250.000	265.320	-6.1	96	0.00
26 T	2,2-Dichloropropane	50.000	50.613	-1.2	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.941	0.1	89	0.00
28 T	Bromochloromethane	50.000	47.000	6.0	86	0.00
29 T	Tetrahydrofuran	250.000	271.615	-8.6	93	0.00
30 C	Chloroform	50.000	49.869	0.3#	92	0.00
31 T	Cyclohexane	50.000	49.233	1.5	91	0.00
32 T	1,1,1-Trichloroethane	50.000	50.294	-0.6	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.331	3.3	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	50.071	-0.1	92	0.00
36 T	1,1-Dichloropropene	50.000	54.752	-9.5	92	0.00
37 T	Ethyl Acetate	50.000	50.687	-1.4	90	0.00
38 T	Carbon Tetrachloride	50.000	51.507	-3.0	91	0.00
39 T	Methylcyclohexane	50.000	56.812	-13.6	91	0.00
40 TM	Benzene	50.000	52.739	-5.5	91	0.00
41 T	Methacrylonitrile	50.000	56.481	-13.0	96	0.00
42 TM	1,2-Dichloroethane	50.000	51.915	-3.8	91	0.00
43 T	Isopropyl Acetate	50.000	47.821	4.4	90	0.00
44 TM	Trichloroethene	50.000	51.368	-2.7	91	0.00
45 C	1,2-Dichloropropane	50.000	53.231	-6.5#	91	0.00
46 T	Dibromomethane	50.000	53.535	-7.1	93	0.00
47 T	Bromodichloromethane	50.000	52.981	-6.0	90	0.00
48 T	Methyl methacrylate	50.000	56.867	-13.7	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085252.D
 Acq On : 18 Dec 2024 15:28
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121824

Quant Time: Dec 19 06:44:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 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	1194.626	-19.5	99	0.00
50 S	Toluene-d8	50.000	53.722	-7.4	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	281.847	-12.7	93	0.00
52 CM	Toluene	50.000	56.032	-12.1#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	56.558	-13.1	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.993	-10.0	90	0.00
55 T	1,1,2-Trichloroethane	50.000	53.481	-7.0	93	0.00
56 T	Ethyl methacrylate	50.000	49.171	1.7	90	0.00
57 T	1,3-Dichloropropane	50.000	54.692	-9.4	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	225.002	10.0	84	0.00
59 T	2-Hexanone	250.000	297.348	-18.9	96	0.00
60 T	Dibromochloromethane	50.000	56.551	-13.1	94	0.00
61 T	1,2-Dibromoethane	50.000	53.395	-6.8	91	0.00
62 S	4-Bromofluorobenzene	50.000	54.892	-9.8	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	50.789	-1.6	92	0.00
65 PM	Chlorobenzene	50.000	52.426	-4.9	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.465	-6.9	96	0.00
67 C	Ethyl Benzene	50.000	56.080	-12.2#	93	0.00
68 T	m/p-Xylenes	100.000	114.719	-14.7	94	0.00
69 T	o-Xylene	50.000	57.023	-14.0	93	0.00
70 T	Styrene	50.000	60.003	-20.0	96	0.00
71 P	Bromoform	50.000	55.061	-10.1	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	54.303	-8.6	96	0.00
74 T	N-amyl acetate	50.000	54.159	-8.3	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.027	3.9	96	0.00
76 T	1,2,3-Trichloropropane	50.000	50.339	-0.7	110	0.00
77 T	Bromobenzene	50.000	47.993	4.0	94	0.00
78 T	n-propylbenzene	50.000	54.923	-9.8	97	0.00
79 T	2-Chlorotoluene	50.000	52.185	-4.4	95	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.885	-11.8	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.405	-2.8	97	0.00
82 T	4-Chlorotoluene	50.000	52.442	-4.9	95	0.00
83 T	tert-Butylbenzene	50.000	55.108	-10.2	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.555	-11.1	96	0.00
85 T	sec-Butylbenzene	50.000	55.931	-11.9	95	0.00
86 T	p-Isopropyltoluene	50.000	48.357	3.3	96	0.00
87 T	1,3-Dichlorobenzene	50.000	49.112	1.8	94	0.00
88 T	1,4-Dichlorobenzene	50.000	47.820	4.4	95	0.00
89 T	n-Butylbenzene	50.000	55.826	-11.7	96	0.00
90 T	Hexachloroethane	50.000	49.700	0.6	95	0.00
91 T	1,2-Dichlorobenzene	50.000	51.948	-3.9	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.825	-7.7	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.537	4.9	89	0.00
94 T	Hexachlorobutadiene	50.000	44.747	10.5	97	0.00
95 T	Naphthalene	50.000	47.325	5.3	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085252.D
Acq On : 18 Dec 2024 15:28
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121824

Quant Time: Dec 19 06:44:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 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	46.927	6.1	90	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.: P5371 SAS No.: P5371 SDG No.: P5371

Instrument ID: MSVOA_N Calibration Date/Time: 12/23/2024 11:25

Lab File ID: VN085286.D Init. Calib. Date(s): 12/18/2024 12/18/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:56 13:57

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.797	0.836		4.89	20
Chloromethane	0.759	0.805	0.1	6.06	20
Vinyl Chloride	0.711	0.810		13.92	20
Bromomethane	0.467	0.469		0.43	20
Chloroethane	0.513	0.476		-7.21	20
Trichlorofluoromethane	1.149	1.150		0.09	20
1,1,2-Trichlorotrifluoroethane	0.616	0.665		7.95	20
1,1-Dichloroethene	0.571	0.610		6.83	20
Acetone	0.302	0.247		-18.21	20
Carbon Disulfide	1.948	1.877		-3.64	20
Methyl tert-butyl Ether	1.956	1.915		-2.1	20
Methyl Acetate	0.854	0.695		-18.62	20
Methylene Chloride	0.660	0.672		1.82	20
trans-1,2-Dichloroethene	0.629	0.631		0.32	20
1,1-Dichloroethane	1.221	1.284	0.1	5.16	20
Cyclohexane	1.131	1.102		-2.56	20
2-Butanone	0.462	0.359		-22.29	20
Carbon Tetrachloride	0.592	0.592		0	20
cis-1,2-Dichloroethene	0.733	0.742		1.23	20
Bromochloromethane	0.616	0.633		2.76	20
Chloroform	1.304	1.269		-2.68	20
1,1,1-Trichloroethane	1.162	1.127		-3.01	20
Methylcyclohexane	0.509	0.611		20.04	20
Benzene	1.523	1.661		9.06	20
1,2-Dichloroethane	0.580	0.567		-2.24	20
Trichloroethene	0.339	0.379		11.8	20
1,2-Dichloropropane	0.377	0.414		9.81	20
Bromodichloromethane	0.577	0.589		2.08	20
4-Methyl-2-Pentanone	0.543	0.443		-18.42	20
Toluene	0.916	0.994		8.52	20
t-1,3-Dichloropropene	0.562	0.595		5.87	20
cis-1,3-Dichloropropene	0.598	0.653		9.2	20
1,1,2-Trichloroethane	0.343	0.351		2.33	20
2-Hexanone	0.387	0.312		-19.38	20
Dibromochloromethane	0.406	0.412		1.48	20
1,2-Dibromoethane	0.353	0.342		-3.12	20
Tetrachloroethene	0.336	0.384		14.29	20
Chlorobenzene	1.124	1.200	0.3	6.76	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.: P5371 SAS No.: P5371 SDG No.: P5371

Instrument ID: MSVOA_N Calibration Date/Time: 12/23/2024 11:25

Lab File ID: VN085286.D Init. Calib. Date(s): 12/18/2024 12/18/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:56 13:57

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.926	2.142		11.22	20
m/p-Xylenes	0.721	0.819		13.59	20
o-Xylene	0.677	0.764		12.85	20
Styrene	1.131	1.293		14.32	20
Bromoform	0.307	0.284	0.1	-7.49	20
Isopropylbenzene	3.607	4.148		15	20
1,1,2,2-Tetrachloroethane	1.285	1.113	0.3	-13.39	20
1,3-Dichlorobenzene	1.744	1.836		5.28	20
1,4-Dichlorobenzene	1.805	1.821		0.89	20
1,2-Dichlorobenzene	1.622	1.742		7.4	20
1,2-Dibromo-3-Chloropropane	0.246	0.199		-19.11	20
1,2,4-Trichlorobenzene	0.830	0.915		10.24	20
1,2,3-Trichlorobenzene	0.829	0.849		2.41	20
1,2-Dichloroethane-d4	0.874	0.769		-12.01	20
Dibromofluoromethane	0.352	0.344		-2.27	20
Toluene-d8	1.285	1.305		1.56	20
4-Bromofluorobenzene	0.459	0.428		-6.75	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_N\Data\VN122324\
 Data File : VN085286.D
 Acq On : 23 Dec 2024 11:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:05:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	177949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	299262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	263260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	136855	44.001	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.000%
35) Dibromofluoromethane	8.159	113	102925	48.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	10.559	98	390622	50.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.841	95	128196	46.674	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	148754	52.474	ug/l	97
3) Chloromethane	2.359	50	143161	52.982	ug/l	100
4) Vinyl Chloride	2.518	62	144088	56.913	ug/l	96
5) Bromomethane	2.965	94	83486	50.269	ug/l	100
6) Chloroethane	3.124	64	84721	54.503	ug/l	99
7) Trichlorofluoromethane	3.506	101	204715	50.073	ug/l	96
8) Diethyl Ether	3.959	74	66993	52.170	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	118284	53.944	ug/l	96
10) Methyl Iodide	4.589	142	135435	54.171	ug/l	94
11) Tert butyl alcohol	5.500	59	64006	148.147	ug/l	99
12) 1,1-Dichloroethene	4.342	96	108470	53.405	ug/l	91
13) Acrolein	4.171	56	93965	188.857	ug/l	97
14) Allyl chloride	5.024	41	174466	49.600	ug/l	95
15) Acrylonitrile	5.706	53	249358	211.902	ug/l	98
16) Acetone	4.418	43	219530	204.479	ug/l	90
17) Carbon Disulfide	4.712	76	334089	48.200	ug/l	97
18) Methyl Acetate	5.012	43	123666	40.687	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	340801	48.954	ug/l	96
20) Methylene Chloride	5.271	84	119518	50.892	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	112358	50.176	ug/l	96
22) Diisopropyl ether	6.665	45	396246	52.806	ug/l	99
23) Vinyl Acetate	6.594	43	1388842	239.528	ug/l	99
24) 1,1-Dichloroethane	6.559	63	228459	52.559	ug/l	99
25) 2-Butanone	7.471	43	319752	194.482	ug/l	97
26) 2,2-Dichloropropane	7.483	77	203099	50.460	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	131988	50.624	ug/l	98
28) Bromochloromethane	7.806	49	112718	51.419	ug/l	100
29) Tetrahydrofuran	7.830	42	210125	198.263	ug/l	99
30) Chloroform	7.959	83	225810	48.646	ug/l	99
31) Cyclohexane	8.253	56	196056	48.723	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	200479	48.457	ug/l	99
36) 1,1-Dichloropropene	8.365	75	165797	56.593	ug/l	100
37) Ethyl Acetate	7.553	43	136456	40.373	ug/l	99
38) Carbon Tetrachloride	8.359	117	177201	50.026	ug/l	99
39) Methylcyclohexane	9.594	83	182731	59.939	ug/l	97
40) Benzene	8.600	78	497041	54.535	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085286.D
 Acq On : 23 Dec 2024 11:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:05:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	78573	45.616	ug/l	98
42) 1,2-Dichloroethane	8.665	62	169550	48.839	ug/l	98
43) Isopropyl Acetate	8.683	43	239753	38.789	ug/l	97
44) Trichloroethene	9.347	130	113351	55.862	ug/l	98
45) 1,2-Dichloropropane	9.612	63	124017	54.957	ug/l	99
46) Dibromomethane	9.700	93	81916	50.850	ug/l	99
47) Bromodichloromethane	9.882	83	176138	51.033	ug/l	99
48) Methyl methacrylate	9.677	41	116159	45.845	ug/l	98
49) 1,4-Dioxane	9.688	88	28702	718.480	ug/l #	78
51) 4-Methyl-2-Pentanone	10.435	43	663472	204.294	ug/l	98
52) Toluene	10.624	92	297568	54.299	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	177969	52.900	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	195399	54.628	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	104925	51.133	ug/l	99
56) Ethyl methacrylate	10.871	69	160848	41.619	ug/l	97
57) 1,3-Dichloropropane	11.159	76	187798	51.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	341576	188.663	ug/l	99
59) 2-Hexanone	11.188	43	467432	201.912	ug/l	98
60) Dibromochloromethane	11.353	129	123280	50.692	ug/l	99
61) 1,2-Dibromoethane	11.465	107	102205	48.356	ug/l	99
64) Tetrachloroethene	11.100	164	100988	57.006	ug/l	96
65) Chlorobenzene	11.888	112	315810	53.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.953	131	109534	53.054	ug/l	98
67) Ethyl Benzene	11.959	91	563867	55.591	ug/l	99
68) m/p-Xylenes	12.065	106	431125	113.645	ug/l	97
69) o-Xylene	12.394	106	201102	56.398	ug/l	98
70) Styrene	12.406	104	340375	57.179	ug/l	98
71) Bromoform	12.571	173	74748	46.188	ug/l #	99
73) Isopropylbenzene	12.688	105	517095	57.504	ug/l	99
74) N-ethyl acetate	12.488	43	206248	45.922	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	138728	43.299	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	122019m	41.065	ug/l	
77) Bromobenzene	12.976	156	120739	51.139	ug/l	95
78) n-propylbenzene	13.029	91	629889	57.116	ug/l	99
79) 2-Chlorotoluene	13.118	91	371796	53.098	ug/l	97
80) 1,3,5-Trimethylbenzene	13.165	105	433427	57.787	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	49892	44.585	ug/l	96
82) 4-Chlorotoluene	13.218	91	382718	54.013	ug/l	98
83) tert-Butylbenzene	13.435	119	362480	56.986	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	445880	58.157	ug/l	100
85) sec-Butylbenzene	13.612	105	529651	59.726	ug/l	100
86) p-Isopropyltoluene	13.723	119	441568	51.402	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	228855	52.635	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	227045	50.468	ug/l	99
89) n-Butylbenzene	14.053	91	396027	60.725	ug/l	99
90) Hexachloroethane	14.329	117	82072	50.380	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	217109	53.687	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24843	40.433	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	114090	55.113	ug/l	99
94) Hexachlorobutadiene	15.494	225	53165	49.414	ug/l	95
95) Naphthalene	15.635	128	309579	45.159	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	105846	51.191	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085286.D
Acq On : 23 Dec 2024 11:25
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:05:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

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

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

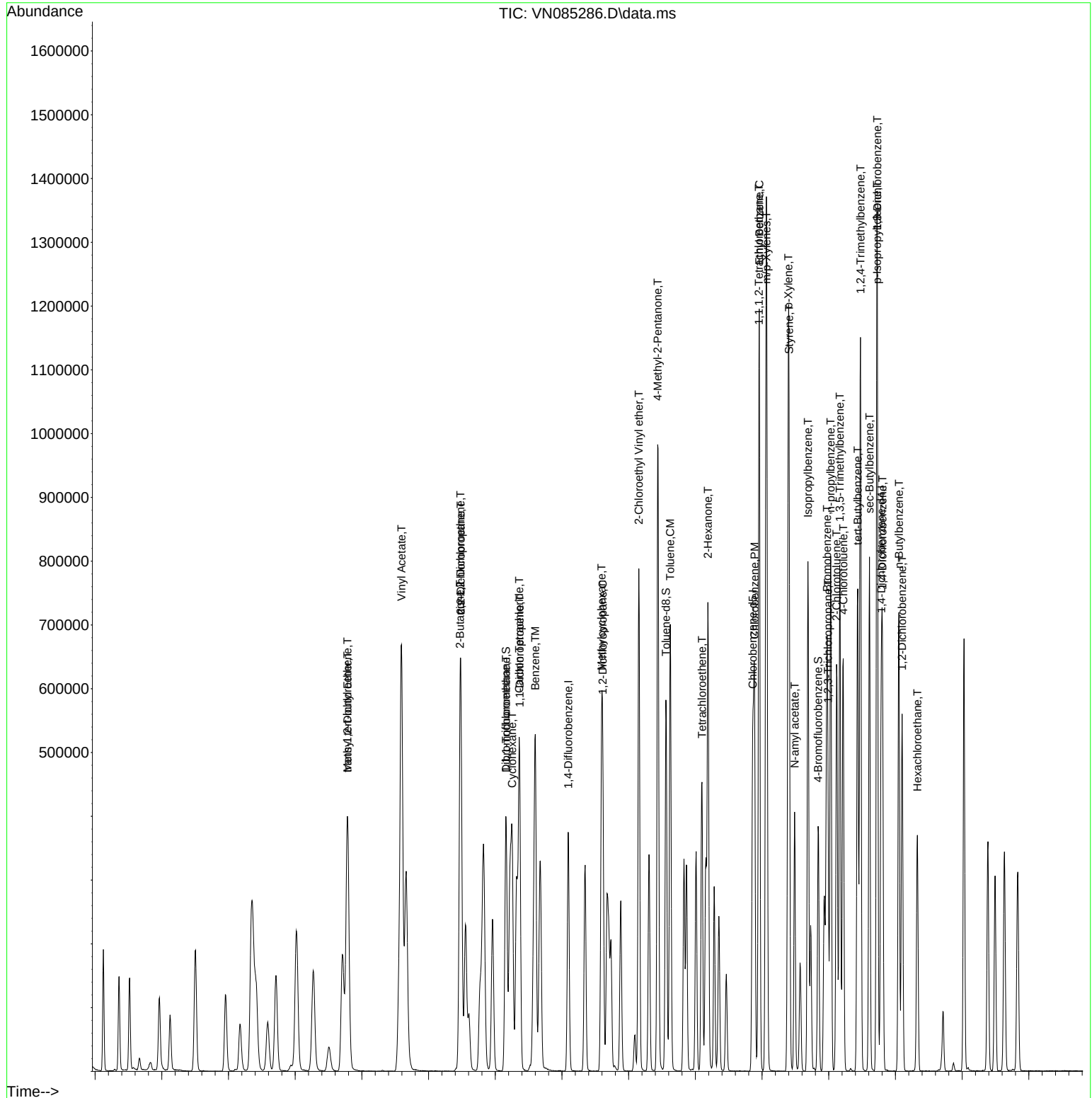
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\  
Data File : VN085286.D  
Acq On    : 23 Dec 2024  11:25  
Operator  : JC\MD  
Sample    : VSTDCC050  
Misc      : 5.0mL/MSVOA_N/WATER  
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:05:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085286.D
 Acq On : 23 Dec 2024 11:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
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Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 24 04:05:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 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	136	0.00
2 T	Dichlorodifluoromethane	0.797	0.836	-4.9	132	0.00
3 P	Chloromethane	0.759	0.805	-6.1	146	0.00
4 C	Vinyl Chloride	0.711	0.810	-13.9#	151#	0.00
5 T	Bromomethane	0.467	0.469	-0.4	135	0.02
6 T	Chloroethane	0.513	0.476	7.2	141	0.01
7 T	Trichlorofluoromethane	1.149	1.150	-0.1	128	0.01
8 T	Diethyl Ether	0.361	0.376	-4.2	132	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.616	0.665	-8.0	146	0.00
10 T	Methyl Iodide	0.702	0.761	-8.4	140	0.00
11 T	Tert butyl alcohol	0.121	0.072	40.5#	84	-0.02
12 CM	1,1-Dichloroethene	0.571	0.610	-6.8#	139	0.00
13 T	Acrolein	0.140	0.106	24.3	108	0.00
14 T	Allyl chloride	0.988	0.980	0.8	133	0.00
15 T	Acrylonitrile	0.331	0.280	15.4	114	0.00
16 T	Acetone	0.302	0.247	18.2	115	0.00
17 T	Carbon Disulfide	1.948	1.877	3.6	140	0.00
18 T	Methyl Acetate	0.854	0.695	18.6	114	0.00
19 T	Methyl tert-butyl Ether	1.956	1.915	2.1	125	-0.01
20 T	Methylene Chloride	0.660	0.672	-1.8	137	0.00
21 T	trans-1,2-Dichloroethene	0.629	0.631	-0.3	140	0.00
22 T	Diisopropyl ether	2.108	2.227	-5.6	132	0.00
23 T	Vinyl Acetate	1.629	1.561	4.2	119	0.00
24 P	1,1-Dichloroethane	1.221	1.284	-5.2	141	0.00
25 T	2-Butanone	0.462	0.359	22.3	105	-0.01
26 T	2,2-Dichloropropane	1.131	1.141	-0.9	134	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.742	-1.2	135	0.00
28 T	Bromochloromethane	0.616	0.633	-2.8	140	0.00
29 T	Tetrahydrofuran	0.298	0.236	20.8	102	0.00
30 C	Chloroform	1.304	1.269	2.7#	135	0.00
31 T	Cyclohexane	1.131	1.102	2.6	135	0.00
32 T	1,1,1-Trichloroethane	1.162	1.127	3.0	130	0.00
33 S	1,2-Dichloroethane-d4	0.874	0.769	12.0	128	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	132	0.00
35 S	Dibromofluoromethane	0.352	0.344	2.3	134	0.00
36 T	1,1-Dichloropropene	0.489	0.554	-13.3	141	0.00
37 T	Ethyl Acetate	0.565	0.456	19.3	106	0.00
38 T	Carbon Tetrachloride	0.592	0.592	0.0	132	0.00
39 T	Methylcyclohexane	0.509	0.611	-20.0	143	0.00
40 TM	Benzene	1.523	1.661	-9.1	139	0.00
41 T	Methacrylonitrile	0.288	0.263	8.7	116	0.00
42 TM	1,2-Dichloroethane	0.580	0.567	2.2	127	0.00
43 T	Isopropyl Acetate	1.033	0.801	22.5	108	0.00
44 TM	Trichloroethene	0.339	0.379	-11.8	146	0.00
45 C	1,2-Dichloropropane	0.377	0.414	-9.8#	140	0.00
46 T	Dibromomethane	0.269	0.274	-1.9	131	0.00
47 T	Bromodichloromethane	0.577	0.589	-2.1	129	0.00
48 T	Methyl methacrylate	0.423	0.388	8.3	112	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085286.D
 Acq On : 23 Dec 2024 11:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 24 04:05:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 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	0.007	0.005	28.6#	89	0.00
50 S	Toluene-d8	1.285	1.305	-1.6	135	0.00
51 T	4-Methyl-2-Pentanone	0.543	0.443	18.4	101	0.00
52 CM	Toluene	0.916	0.994	-8.5#	134	0.00
53 T	t-1,3-Dichloropropene	0.562	0.595	-5.9	127	0.00
54 T	cis-1,3-Dichloropropene	0.598	0.653	-9.2	134	0.00
55 T	1,1,2-Trichloroethane	0.343	0.351	-2.3	132	0.00
56 T	Ethyl methacrylate	0.535	0.537	-0.4	112	0.00
57 T	1,3-Dichloropropane	0.603	0.628	-4.1	131	0.00
58 T	2-Chloroethyl Vinyl ether	0.237	0.228	3.8	103	0.00
59 T	2-Hexanone	0.387	0.312	19.4	97	0.00
60 T	Dibromochloromethane	0.406	0.412	-1.5	125	0.00
61 T	1,2-Dibromoethane	0.353	0.342	3.1	122	0.00
62 S	4-Bromofluorobenzene	0.459	0.428	6.8	121	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	130	0.00
64 T	Tetrachloroethene	0.336	0.384	-14.3	147	0.00
65 PM	Chlorobenzene	1.124	1.200	-6.8	137	0.00
66 T	1,1,1,2-Tetrachloroethane	0.392	0.416	-6.1	135	0.00
67 C	Ethyl Benzene	1.926	2.142	-11.2#	130	0.00
68 T	m/p-Xylenes	0.721	0.819	-13.6	132	0.00
69 T	o-Xylene	0.677	0.764	-12.9	131	0.00
70 T	Styrene	1.131	1.293	-14.3	129	0.00
71 P	Bromoform	0.307	0.284	7.5	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	126	0.00
73 T	Isopropylbenzene	3.607	4.148	-15.0	132	0.00
74 T	N-amyl acetate	1.801	1.655	8.1	102	0.00
75 P	1,1,2,2-Tetrachloroethane	1.285	1.113	13.4	112	0.00
76 T	1,2,3-Trichloropropane	1.192	0.979	17.9	117	0.00
77 T	Bromobenzene	0.947	0.969	-2.3	130	0.00
78 T	n-propylbenzene	4.424	5.053	-14.2	131	0.00
79 T	2-Chlorotoluene	2.809	2.983	-6.2	125	0.00
80 T	1,3,5-Trimethylbenzene	3.008	3.477	-15.6	127	0.00
81 T	trans-1,4-Dichloro-2-butene	0.449	0.400	10.9	109	0.00
82 T	4-Chlorotoluene	2.842	3.070	-8.0	126	0.00
83 T	tert-Butylbenzene	2.551	2.908	-14.0	130	0.00
84 T	1,2,4-Trimethylbenzene	3.075	3.577	-16.3	130	0.00
85 T	sec-Butylbenzene	3.557	4.249	-19.5	131	0.00
86 T	p-Isopropyltoluene	2.837	3.542	-24.9	132	0.00
87 T	1,3-Dichlorobenzene	1.744	1.836	-5.3	131	0.00
88 T	1,4-Dichlorobenzene	1.805	1.821	-0.9	131	0.00
89 T	n-Butylbenzene	2.616	3.177	-21.4	135	0.00
90 T	Hexachloroethane	0.653	0.658	-0.8	124	0.00
91 T	1,2-Dichlorobenzene	1.622	1.742	-7.4	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.246	0.199	19.1	94	0.00
93 T	1,2,4-Trichlorobenzene	0.830	0.915	-10.2	135	0.00
94 T	Hexachlorobutadiene	0.432	0.426	1.4	139	0.00
95 T	Naphthalene	2.750	2.483	9.7	108	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085286.D
Acq On : 23 Dec 2024 11:25
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 24 04:05:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 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	0.829	0.849	-2.4	128	0.00

(#) = Out of Range

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085286.D
 Acq On : 23 Dec 2024 11:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 24 04:05:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 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	136	0.00
2 T	Dichlorodifluoromethane	50.000	52.474	-4.9	132	0.00
3 P	Chloromethane	50.000	52.982	-6.0	146	0.00
4 C	Vinyl Chloride	50.000	56.913	-13.8#	151	0.00
5 T	Bromomethane	50.000	50.269	-0.5	135	0.02
6 T	Chloroethane	50.000	54.503	-9.0	141	0.01
7 T	Trichlorofluoromethane	50.000	50.073	-0.1	128	0.01
8 T	Diethyl Ether	50.000	52.170	-4.3	132	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.944	-7.9	146	0.00
10 T	Methyl Iodide	50.000	54.171	-8.3	140	0.00
11 T	Tert butyl alcohol	250.000	148.147	40.7#	84	-0.02
12 CM	1,1-Dichloroethene	50.000	53.405	-6.8#	139	0.00
13 T	Acrolein	250.000	188.857	24.5	108	0.00
14 T	Allyl chloride	50.000	49.600	0.8	133	0.00
15 T	Acrylonitrile	250.000	211.902	15.2	114	0.00
16 T	Acetone	250.000	204.479	18.2	115	0.00
17 T	Carbon Disulfide	50.000	48.200	3.6	140	0.00
18 T	Methyl Acetate	50.000	40.687	18.6	114	0.00
19 T	Methyl tert-butyl Ether	50.000	48.954	2.1	125	-0.01
20 T	Methylene Chloride	50.000	50.892	-1.8	137	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.176	-0.4	140	0.00
22 T	Diisopropyl ether	50.000	52.806	-5.6	132	0.00
23 T	Vinyl Acetate	250.000	239.528	4.2	119	0.00
24 P	1,1-Dichloroethane	50.000	52.559	-5.1	141	0.00
25 T	2-Butanone	250.000	194.482	22.2	105	-0.01
26 T	2,2-Dichloropropane	50.000	50.460	-0.9	134	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.624	-1.2	135	0.00
28 T	Bromochloromethane	50.000	51.419	-2.8	140	0.00
29 T	Tetrahydrofuran	250.000	198.263	20.7	102	0.00
30 C	Chloroform	50.000	48.646	2.7#	135	0.00
31 T	Cyclohexane	50.000	48.723	2.6	135	0.00
32 T	1,1,1-Trichloroethane	50.000	48.457	3.1	130	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.001	12.0	128	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	132	0.00
35 S	Dibromofluoromethane	50.000	48.920	2.2	134	0.00
36 T	1,1-Dichloropropene	50.000	56.593	-13.2	141	0.00
37 T	Ethyl Acetate	50.000	40.373	19.3	106	0.00
38 T	Carbon Tetrachloride	50.000	50.026	-0.1	132	0.00
39 T	Methylcyclohexane	50.000	59.939	-19.9	143	0.00
40 TM	Benzene	50.000	54.535	-9.1	139	0.00
41 T	Methacrylonitrile	50.000	45.616	8.8	116	0.00
42 TM	1,2-Dichloroethane	50.000	48.839	2.3	127	0.00
43 T	Isopropyl Acetate	50.000	38.789	22.4	108	0.00
44 TM	Trichloroethene	50.000	55.862	-11.7	146	0.00
45 C	1,2-Dichloropropane	50.000	54.957	-9.9#	140	0.00
46 T	Dibromomethane	50.000	50.850	-1.7	131	0.00
47 T	Bromodichloromethane	50.000	51.033	-2.1	129	0.00
48 T	Methyl methacrylate	50.000	45.845	8.3	112	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085286.D
 Acq On : 23 Dec 2024 11:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 24 04:05:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 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	718.480	28.2#	89	0.00
50 S	Toluene-d8	50.000	50.797	-1.6	135	0.00
51 T	4-Methyl-2-Pentanone	250.000	204.294	18.3	101	0.00
52 CM	Toluene	50.000	54.299	-8.6#	134	0.00
53 T	t-1,3-Dichloropropene	50.000	52.900	-5.8	127	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.628	-9.3	134	0.00
55 T	1,1,2-Trichloroethane	50.000	51.133	-2.3	132	0.00
56 T	Ethyl methacrylate	50.000	41.619	16.8	112	0.00
57 T	1,3-Dichloropropane	50.000	51.998	-4.0	131	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	188.663	24.5	103	0.00
59 T	2-Hexanone	250.000	201.912	19.2	97	0.00
60 T	Dibromochloromethane	50.000	50.692	-1.4	125	0.00
61 T	1,2-Dibromoethane	50.000	48.356	3.3	122	0.00
62 S	4-Bromofluorobenzene	50.000	46.674	6.7	121	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	130	0.00
64 T	Tetrachloroethene	50.000	57.006	-14.0	147	0.00
65 PM	Chlorobenzene	50.000	53.367	-6.7	137	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.054	-6.1	135	0.00
67 C	Ethyl Benzene	50.000	55.591	-11.2#	130	0.00
68 T	m/p-Xylenes	100.000	113.645	-13.6	132	0.00
69 T	o-Xylene	50.000	56.398	-12.8	131	0.00
70 T	Styrene	50.000	57.179	-14.4	129	0.00
71 P	Bromoform	50.000	46.188	7.6	115	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	126	0.00
73 T	Isopropylbenzene	50.000	57.504	-15.0	132	0.00
74 T	N-amyl acetate	50.000	45.922	8.2	102	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.299	13.4	112	0.00
76 T	1,2,3-Trichloropropane	50.000	41.065	17.9	117	0.00
77 T	Bromobenzene	50.000	51.139	-2.3	130	0.00
78 T	n-propylbenzene	50.000	57.116	-14.2	131	0.00
79 T	2-Chlorotoluene	50.000	53.098	-6.2	125	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.787	-15.6	127	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.585	10.8	109	0.00
82 T	4-Chlorotoluene	50.000	54.013	-8.0	126	0.00
83 T	tert-Butylbenzene	50.000	56.986	-14.0	130	0.00
84 T	1,2,4-Trimethylbenzene	50.000	58.157	-16.3	130	0.00
85 T	sec-Butylbenzene	50.000	59.726	-19.5	131	0.00
86 T	p-Isopropyltoluene	50.000	51.402	-2.8	132	0.00
87 T	1,3-Dichlorobenzene	50.000	52.635	-5.3	131	0.00
88 T	1,4-Dichlorobenzene	50.000	50.468	-0.9	131	0.00
89 T	n-Butylbenzene	50.000	60.725	-21.5	135	0.00
90 T	Hexachloroethane	50.000	50.380	-0.8	124	0.00
91 T	1,2-Dichlorobenzene	50.000	53.687	-7.4	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.433	19.1	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.113	-10.2	135	0.00
94 T	Hexachlorobutadiene	50.000	49.414	1.2	139	0.00
95 T	Naphthalene	50.000	45.159	9.7	108	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085286.D
Acq On : 23 Dec 2024 11:25
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 24 04:05:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 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	51.191	-2.4	128	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.: P5371 SAS No.: P5371 SDG No.: P5371

Instrument ID: MSVOA_N Calibration Date/Time: 12/26/2024 10:10

Lab File ID: VN085309.D Init. Calib. Date(s): 12/18/2024 12/18/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:56 13:57

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.797	0.752		-5.65	20
Chloromethane	0.759	0.735	0.1	-3.16	20
Vinyl Chloride	0.711	0.837		17.72	20
Bromomethane	0.467	0.530		13.49	20
Chloroethane	0.513	0.527		2.73	20
Trichlorofluoromethane	1.149	1.094		-4.79	20
1,1,2-Trichlorotrifluoroethane	0.616	0.637		3.41	20
1,1-Dichloroethene	0.571	0.597		4.55	20
Acetone	0.302	0.229		-24.17	20
Carbon Disulfide	1.948	1.724		-11.5	20
Methyl tert-butyl Ether	1.956	1.986		1.53	20
Methyl Acetate	0.854	0.691		-19.09	20
Methylene Chloride	0.660	0.653		-1.06	20
trans-1,2-Dichloroethene	0.629	0.613		-2.54	20
1,1-Dichloroethane	1.221	1.193	0.1	-2.29	20
Cyclohexane	1.131	1.079		-4.6	20
2-Butanone	0.462	0.358		-22.51	20
Carbon Tetrachloride	0.592	0.556		-6.08	20
cis-1,2-Dichloroethene	0.733	0.737		0.55	20
Bromochloromethane	0.616	0.567		-7.95	20
Chloroform	1.304	1.234		-5.37	20
1,1,1-Trichloroethane	1.162	1.113		-4.22	20
Methylcyclohexane	0.509	0.585		14.93	20
Benzene	1.523	1.523		0	20
1,2-Dichloroethane	0.580	0.529		-8.79	20
Trichloroethene	0.339	0.355		4.72	20
1,2-Dichloropropane	0.377	0.374		-0.8	20
Bromodichloromethane	0.577	0.555		-3.81	20
4-Methyl-2-Pentanone	0.543	0.440		-18.97	20
Toluene	0.916	0.946		3.28	20
t-1,3-Dichloropropene	0.562	0.573		1.96	20
cis-1,3-Dichloropropene	0.598	0.629		5.18	20
1,1,2-Trichloroethane	0.343	0.336		-2.04	20
2-Hexanone	0.387	0.312		-19.38	20
Dibromochloromethane	0.406	0.407		0.25	20
1,2-Dibromoethane	0.353	0.332		-5.95	20
Tetrachloroethene	0.336	0.365		8.63	20
Chlorobenzene	1.124	1.167	0.3	3.83	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.: P5371 SAS No.: P5371 SDG No.: P5371

Instrument ID: MSVOA_N Calibration Date/Time: 12/26/2024 10:10

Lab File ID: VN085309.D Init. Calib. Date(s): 12/18/2024 12/18/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:56 13:57

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.926	2.113		9.71	20
m/p-Xylenes	0.721	0.804		11.51	20
o-Xylene	0.677	0.762		12.56	20
Styrene	1.131	1.287		13.79	20
Bromoform	0.307	0.281	0.1	-8.47	20
Isopropylbenzene	3.607	4.238		17.49	20
1,1,2,2-Tetrachloroethane	1.285	1.137	0.3	-11.52	20
1,3-Dichlorobenzene	1.744	1.784		2.29	20
1,4-Dichlorobenzene	1.805	1.770		-1.94	20
1,2-Dichlorobenzene	1.622	1.661		2.4	20
1,2-Dibromo-3-Chloropropane	0.246	0.200		-18.7	20
1,2,4-Trichlorobenzene	0.830	0.869		4.7	20
1,2,3-Trichlorobenzene	0.829	0.830		0.12	20
1,2-Dichloroethane-d4	0.874	0.788		-9.84	20
Dibromofluoromethane	0.352	0.344		-2.27	20
Toluene-d8	1.285	1.324		3.04	20
4-Bromofluorobenzene	0.459	0.444		-3.27	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_N\Data\VN122624\
 Data File : VN085309.D
 Acq On : 26 Dec 2024 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2024
 Supervised By : Mahesh Dadoda 12/27/2024

Quant Time: Dec 27 00:40:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	159033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	279635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	241438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111930	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	125245	45.058	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.120%
35) Dibromofluoromethane	8.159	113	96250	48.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	10.559	98	370335	51.539	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.080%
62) 4-Bromofluorobenzene	12.841	95	124254	48.414	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.820%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	119615	47.214	ug/l	96
3) Chloromethane	2.359	50	116840	48.384	ug/l	100
4) Vinyl Chloride	2.512	62	133075	58.816	ug/l	96
5) Bromomethane	2.953	94	84270	56.777	ug/l	95
6) Chloroethane	3.124	64	83735	60.359	ug/l	98
7) Trichlorofluoromethane	3.500	101	174050	47.636	ug/l	99
8) Diethyl Ether	3.959	74	60444	52.669	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	101261	51.674	ug/l	96
10) Methyl Iodide	4.589	142	121109	54.203	ug/l	94
11) Tert butyl alcohol	5.506	59	66637	172.582	ug/l	98
12) 1,1-Dichloroethene	4.342	96	95001	52.337	ug/l	88
13) Acrolein	4.171	56	135824	305.458	ug/l	98
14) Allyl chloride	5.024	41	144798	46.062	ug/l	97
15) Acrylonitrile	5.712	53	217435	206.752	ug/l	99
16) Acetone	4.418	43	181788	189.465	ug/l	93
17) Carbon Disulfide	4.712	76	274215	44.268	ug/l	98
18) Methyl Acetate	5.018	43	109918	40.466	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	315772	50.754	ug/l	99
20) Methylene Chloride	5.271	84	103862	49.486	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	97481	48.710	ug/l	92
22) Diisopropyl ether	6.665	45	331040	49.364	ug/l	99
23) Vinyl Acetate	6.594	43	1195028	230.616	ug/l	98
24) 1,1-Dichloroethane	6.559	63	189788	48.856	ug/l	98
25) 2-Butanone	7.477	43	284277	193.471	ug/l	94
26) 2,2-Dichloropropane	7.488	77	176849	49.164	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	117206	50.301	ug/l	96
28) Bromochloromethane	7.806	49	90129	46.005	ug/l	95
29) Tetrahydrofuran	7.830	42	188808	199.339	ug/l	96
30) Chloroform	7.959	83	196237	47.303	ug/l	98
31) Cyclohexane	8.253	56	171529	47.698	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	177034	47.880	ug/l	98
36) 1,1-Dichloropropene	8.365	75	142130	51.919	ug/l	98
37) Ethyl Acetate	7.553	43	123431	39.083	ug/l	98
38) Carbon Tetrachloride	8.359	117	155442	46.963	ug/l	96
39) Methylcyclohexane	9.594	83	163719	57.472	ug/l	92
40) Benzene	8.600	78	425769	49.994	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085309.D
 Acq On : 26 Dec 2024 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2024
 Supervised By : Mahesh Dadoda 12/27/2024

Quant Time: Dec 27 00:40:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	71034	44.134	ug/l	99
42) 1,2-Dichloroethane	8.665	62	148011	45.627	ug/l	97
43) Isopropyl Acetate	8.682	43	219162	37.947	ug/l	96
44) Trichloroethene	9.347	130	99243	52.342	ug/l	97
45) 1,2-Dichloropropane	9.618	63	104472	49.545	ug/l	95
46) Dibromomethane	9.700	93	72471	48.144	ug/l	97
47) Bromodichloromethane	9.882	83	155292	48.151	ug/l	98
48) Methyl methacrylate	9.676	41	99802	42.154	ug/l	93
49) 1,4-Dioxane	9.688	88	27157	727.519	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	615206	202.728	ug/l	97
52) Toluene	10.623	92	264403	51.633	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	160338	51.005	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	175970	52.650	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	94026	49.037	ug/l	99
56) Ethyl methacrylate	10.871	69	153330	42.413	ug/l	94
57) 1,3-Dichloropropane	11.159	76	166606	49.369	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.153	63	410710	238.327	ug/l	98
59) 2-Hexanone	11.188	43	436734	201.893	ug/l	98
60) Dibromochloromethane	11.353	129	113772	50.066	ug/l	98
61) 1,2-Dibromoethane	11.465	107	92920	47.049	ug/l	97
64) Tetrachloroethene	11.100	164	88224	54.303	ug/l	98
65) Chlorobenzene	11.888	112	281721	51.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	96963	51.210	ug/l	98
67) Ethyl Benzene	11.959	91	510160	54.842	ug/l	97
68) m/p-Xylenes	12.065	106	388331	111.617	ug/l	97
69) o-Xylene	12.394	106	184048	56.280	ug/l	96
70) Styrene	12.406	104	310676	56.907	ug/l	98
71) Bromoform	12.570	173	67945	45.779	ug/l #	99
73) Isopropylbenzene	12.688	105	474356	58.749	ug/l	100
74) N-amyl acetate	12.488	43	190639	47.272	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	127300	44.249	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	113798m	42.652	ug/l	
77) Bromobenzene	12.976	156	107445	50.682	ug/l	94
78) n-propylbenzene	13.029	91	566348	57.193	ug/l	99
79) 2-Chlorotoluene	13.117	91	332767	52.927	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	389966	57.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	48094	47.865	ug/l	92
82) 4-Chlorotoluene	13.217	91	334154	52.521	ug/l	98
83) tert-Butylbenzene	13.435	119	332785	58.265	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	392088	56.955	ug/l	97
85) sec-Butylbenzene	13.612	105	481860	60.514	ug/l	100
86) p-Isopropyltoluene	13.723	119	403276	52.248	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	199704	51.152	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	198118	49.044	ug/l	99
89) n-Butylbenzene	14.053	91	355074	60.636	ug/l	99
90) Hexachloroethane	14.329	117	73807	50.457	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	185896	51.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22428	40.652	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	97216	52.301	ug/l	97
94) Hexachlorobutadiene	15.494	225	44067	45.615	ug/l	95
95) Naphthalene	15.635	128	303294	49.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	92900	50.038	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085309.D
Acq On : 26 Dec 2024 10:10
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

Quant Time: Dec 27 00:40:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

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

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

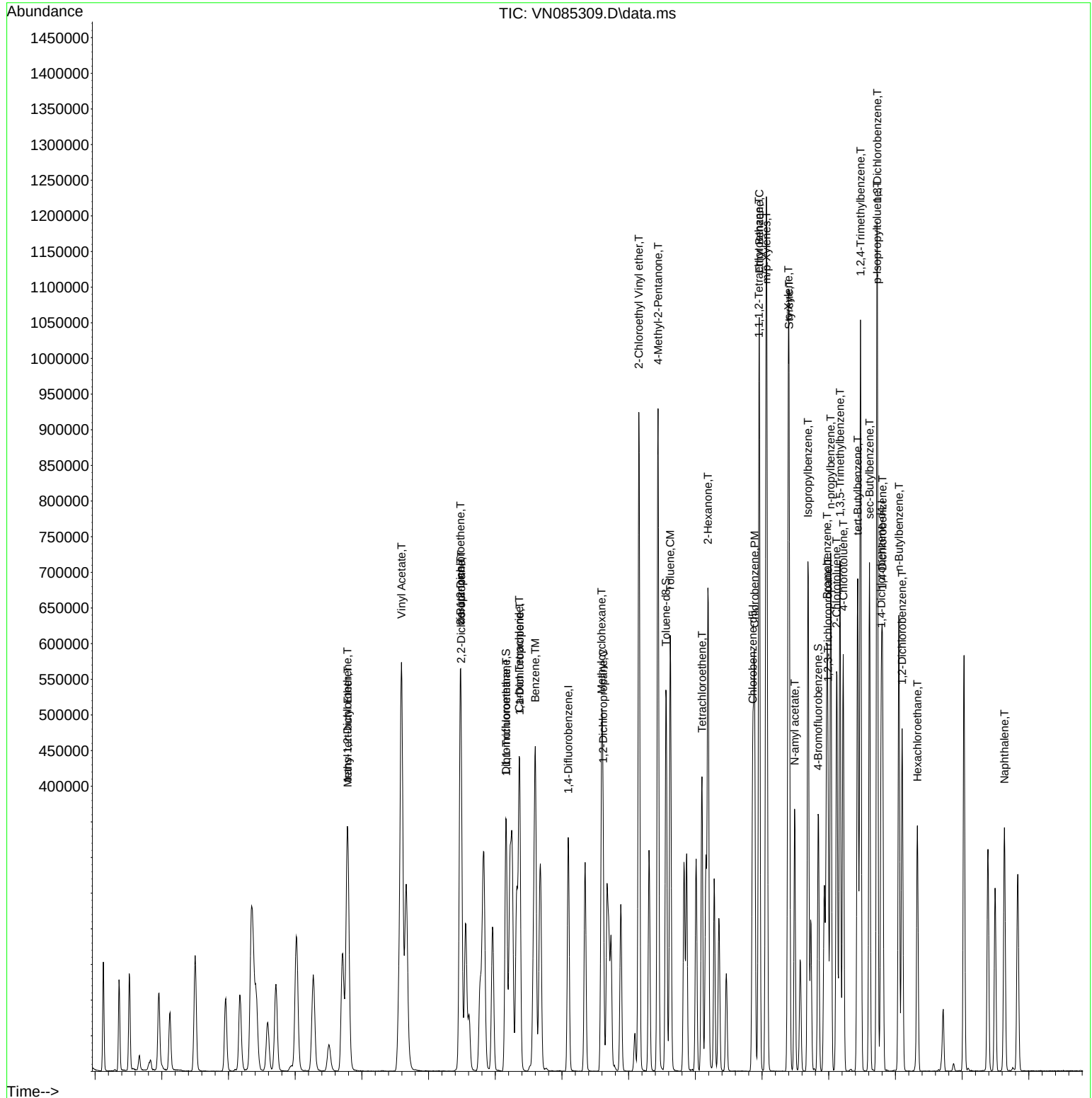
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085309.D
Acq On : 26 Dec 2024 10:10
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/27/2024
Supervised By : Mahesh Dadoda 12/27/2024

Quant Time: Dec 27 00:40:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085309.D
 Acq On : 26 Dec 2024 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 27 00:40:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 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	122	0.00
2 T	Dichlorodifluoromethane	0.797	0.752	5.6	106	0.00
3 P	Chloromethane	0.759	0.735	3.2	119	0.00
4 C	Vinyl Chloride	0.711	0.837	-17.7#	139	0.00
5 T	Bromomethane	0.467	0.530	-13.5	136	0.00
6 T	Chloroethane	0.513	0.527	-2.7	140	0.01
7 T	Trichlorofluoromethane	1.149	1.094	4.8	109	0.00
8 T	Diethyl Ether	0.361	0.380	-5.3	119	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.616	0.637	-3.4	125	0.01
10 T	Methyl Iodide	0.702	0.762	-8.5	126	0.00
11 T	Tert butyl alcohol	0.121	0.084	30.6#	88	-0.01
12 CM	1,1-Dichloroethene	0.571	0.597	-4.6#	122	0.00
13 T	Acrolein	0.140	0.171	-22.1	156#	0.00
14 T	Allyl chloride	0.988	0.910	7.9	110	0.00
15 T	Acrylonitrile	0.331	0.273	17.5	99	0.00
16 T	Acetone	0.302	0.229	24.2	95	0.00
17 T	Carbon Disulfide	1.948	1.724	11.5	115	0.00
18 T	Methyl Acetate	0.854	0.691	19.1	101	0.00
19 T	Methyl tert-butyl Ether	1.956	1.986	-1.5	116	0.00
20 T	Methylene Chloride	0.660	0.653	1.1	119	0.00
21 T	trans-1,2-Dichloroethene	0.629	0.613	2.5	121	0.00
22 T	Diisopropyl ether	2.108	2.082	1.2	110	0.00
23 T	Vinyl Acetate	1.629	1.503	7.7	102	0.00
24 P	1,1-Dichloroethane	1.221	1.193	2.3	117	0.00
25 T	2-Butanone	0.462	0.358	22.5	93	0.00
26 T	2,2-Dichloropropane	1.131	1.112	1.7	117	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.737	-0.5	120	0.00
28 T	Bromochloromethane	0.616	0.567	8.0	112	0.00
29 T	Tetrahydrofuran	0.298	0.237	20.5	92	0.00
30 C	Chloroform	1.304	1.234	5.4#	117	0.00
31 T	Cyclohexane	1.131	1.079	4.6	118	0.00
32 T	1,1,1-Trichloroethane	1.162	1.113	4.2	115	0.00
33 S	1,2-Dichloroethane-d4	0.874	0.788	9.8	117	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	124	0.00
35 S	Dibromofluoromethane	0.352	0.344	2.3	126	0.00
36 T	1,1-Dichloropropene	0.489	0.508	-3.9	121	0.00
37 T	Ethyl Acetate	0.565	0.441	21.9	96	0.00
38 T	Carbon Tetrachloride	0.592	0.556	6.1	116	0.00
39 T	Methylcyclohexane	0.509	0.585	-14.9	128	0.00
40 TM	Benzene	1.523	1.523	0.0	119	0.00
41 T	Methacrylonitrile	0.288	0.254	11.8	105	0.00
42 TM	1,2-Dichloroethane	0.580	0.529	8.8	111	0.00
43 T	Isopropyl Acetate	1.033	0.784	24.1	99	0.00
44 TM	Trichloroethene	0.339	0.355	-4.7	128	0.00
45 C	1,2-Dichloropropane	0.377	0.374	0.8#	118	0.00
46 T	Dibromomethane	0.269	0.259	3.7	116	0.00
47 T	Bromodichloromethane	0.577	0.555	3.8	114	0.00
48 T	Methyl methacrylate	0.423	0.357	15.6	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085309.D
 Acq On : 26 Dec 2024 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 27 00:40:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 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	0.007	0.005	28.6#	84	0.00
50 S	Toluene-d8	1.285	1.324	-3.0	128	0.00
51 T	4-Methyl-2-Pentanone	0.543	0.440	19.0	93	0.00
52 CM	Toluene	0.916	0.946	-3.3#	119	0.00
53 T	t-1,3-Dichloropropene	0.562	0.573	-2.0	115	0.00
54 T	cis-1,3-Dichloropropene	0.598	0.629	-5.2	120	0.00
55 T	1,1,2-Trichloroethane	0.343	0.336	2.0	118	0.00
56 T	Ethyl methacrylate	0.535	0.548	-2.4	107	0.00
57 T	1,3-Dichloropropane	0.603	0.596	1.2	116	0.00
58 T	2-Chloroethyl Vinyl ether	0.237	0.294	-24.1	124	0.00
59 T	2-Hexanone	0.387	0.312	19.4	91	0.00
60 T	Dibromochloromethane	0.406	0.407	-0.2	116	0.00
61 T	1,2-Dibromoethane	0.353	0.332	5.9	111	0.00
62 S	4-Bromofluorobenzene	0.459	0.444	3.3	117	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	119	0.00
64 T	Tetrachloroethene	0.336	0.365	-8.6	128	0.00
65 PM	Chlorobenzene	1.124	1.167	-3.8	122	0.00
66 T	1,1,1,2-Tetrachloroethane	0.392	0.402	-2.6	119	0.00
67 C	Ethyl Benzene	1.926	2.113	-9.7#	118	0.00
68 T	m/p-Xylenes	0.721	0.804	-11.5	119	0.00
69 T	o-Xylene	0.677	0.762	-12.6	120	0.00
70 T	Styrene	1.131	1.287	-13.8	118	0.00
71 P	Bromoform	0.307	0.281	8.5	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
73 T	Isopropylbenzene	3.607	4.238	-17.5	121	0.00
74 T	N-amyl acetate	1.801	1.703	5.4	95	0.00
75 P	1,1,2,2-Tetrachloroethane	1.285	1.137	11.5	103	0.00
76 T	1,2,3-Trichloropropane	1.192	1.017	14.7	109	0.00
77 T	Bromobenzene	0.947	0.960	-1.4	116	0.00
78 T	n-propylbenzene	4.424	5.060	-14.4	117	0.00
79 T	2-Chlorotoluene	2.809	2.973	-5.8	112	0.00
80 T	1,3,5-Trimethylbenzene	3.008	3.484	-15.8	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.449	0.430	4.2	105	0.00
82 T	4-Chlorotoluene	2.842	2.985	-5.0	110	0.00
83 T	tert-Butylbenzene	2.551	2.973	-16.5	120	0.00
84 T	1,2,4-Trimethylbenzene	3.075	3.503	-13.9	114	0.00
85 T	sec-Butylbenzene	3.557	4.305	-21.0	119	0.00
86 T	p-Isopropyltoluene	2.837	3.603	-27.0#	121	0.00
87 T	1,3-Dichlorobenzene	1.744	1.784	-2.3	115	0.00
88 T	1,4-Dichlorobenzene	1.805	1.770	1.9	114	0.00
89 T	n-Butylbenzene	2.616	3.172	-21.3	121	0.00
90 T	Hexachloroethane	0.653	0.659	-0.9	112	0.00
91 T	1,2-Dichlorobenzene	1.622	1.661	-2.4	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.246	0.200	18.7	85	0.00
93 T	1,2,4-Trichlorobenzene	0.830	0.869	-4.7	115	0.00
94 T	Hexachlorobutadiene	0.432	0.394	8.8	115	0.00
95 T	Naphthalene	2.750	2.710	1.5	106	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085309.D
Acq On : 26 Dec 2024 10:10
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 27 00:40:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 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	0.829	0.830	-0.1	112	0.00

(#) = Out of Range

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085309.D
 Acq On : 26 Dec 2024 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 27 00:40:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 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	122	0.00
2 T	Dichlorodifluoromethane	50.000	47.214	5.6	106	0.00
3 P	Chloromethane	50.000	48.384	3.2	119	0.00
4 C	Vinyl Chloride	50.000	58.816	-17.6#	139	0.00
5 T	Bromomethane	50.000	56.777	-13.6	136	0.00
6 T	Chloroethane	50.000	60.359	-20.7	140	0.01
7 T	Trichlorofluoromethane	50.000	47.636	4.7	109	0.00
8 T	Diethyl Ether	50.000	52.669	-5.3	119	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.674	-3.3	125	0.01
10 T	Methyl Iodide	50.000	54.203	-8.4	126	0.00
11 T	Tert butyl alcohol	250.000	172.582	31.0#	88	-0.01
12 CM	1,1-Dichloroethene	50.000	52.337	-4.7#	122	0.00
13 T	Acrolein	250.000	305.458	-22.2	156	0.00
14 T	Allyl chloride	50.000	46.062	7.9	110	0.00
15 T	Acrylonitrile	250.000	206.752	17.3	99	0.00
16 T	Acetone	250.000	189.465	24.2	95	0.00
17 T	Carbon Disulfide	50.000	44.268	11.5	115	0.00
18 T	Methyl Acetate	50.000	40.466	19.1	101	0.00
19 T	Methyl tert-butyl Ether	50.000	50.754	-1.5	116	0.00
20 T	Methylene Chloride	50.000	49.486	1.0	119	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.710	2.6	121	0.00
22 T	Diisopropyl ether	50.000	49.364	1.3	110	0.00
23 T	Vinyl Acetate	250.000	230.616	7.8	102	0.00
24 P	1,1-Dichloroethane	50.000	48.856	2.3	117	0.00
25 T	2-Butanone	250.000	193.471	22.6	93	0.00
26 T	2,2-Dichloropropane	50.000	49.164	1.7	117	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.301	-0.6	120	0.00
28 T	Bromochloromethane	50.000	46.005	8.0	112	0.00
29 T	Tetrahydrofuran	250.000	199.339	20.3	92	0.00
30 C	Chloroform	50.000	47.303	5.4#	117	0.00
31 T	Cyclohexane	50.000	47.698	4.6	118	0.00
32 T	1,1,1-Trichloroethane	50.000	47.880	4.2	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.058	9.9	117	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	124	0.00
35 S	Dibromofluoromethane	50.000	48.958	2.1	126	0.00
36 T	1,1-Dichloropropene	50.000	51.919	-3.8	121	0.00
37 T	Ethyl Acetate	50.000	39.083	21.8	96	0.00
38 T	Carbon Tetrachloride	50.000	46.963	6.1	116	0.00
39 T	Methylcyclohexane	50.000	57.472	-14.9	128	0.00
40 TM	Benzene	50.000	49.994	0.0	119	0.00
41 T	Methacrylonitrile	50.000	44.134	11.7	105	0.00
42 TM	1,2-Dichloroethane	50.000	45.627	8.7	111	0.00
43 T	Isopropyl Acetate	50.000	37.947	24.1	99	0.00
44 TM	Trichloroethene	50.000	52.342	-4.7	128	0.00
45 C	1,2-Dichloropropane	50.000	49.545	0.9#	118	0.00
46 T	Dibromomethane	50.000	48.144	3.7	116	0.00
47 T	Bromodichloromethane	50.000	48.151	3.7	114	0.00
48 T	Methyl methacrylate	50.000	42.154	15.7	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085309.D
 Acq On : 26 Dec 2024 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 27 00:40:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 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	727.519	27.2#	84	0.00
50 S	Toluene-d8	50.000	51.539	-3.1	128	0.00
51 T	4-Methyl-2-Pentanone	250.000	202.728	18.9	93	0.00
52 CM	Toluene	50.000	51.633	-3.3#	119	0.00
53 T	t-1,3-Dichloropropene	50.000	51.005	-2.0	115	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.650	-5.3	120	0.00
55 T	1,1,2-Trichloroethane	50.000	49.037	1.9	118	0.00
56 T	Ethyl methacrylate	50.000	42.413	15.2	107	0.00
57 T	1,3-Dichloropropane	50.000	49.369	1.3	116	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.327	4.7	124	0.00
59 T	2-Hexanone	250.000	201.893	19.2	91	0.00
60 T	Dibromochloromethane	50.000	50.066	-0.1	116	0.00
61 T	1,2-Dibromoethane	50.000	47.049	5.9	111	0.00
62 S	4-Bromofluorobenzene	50.000	48.414	3.2	117	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	119	0.00
64 T	Tetrachloroethene	50.000	54.303	-8.6	128	0.00
65 PM	Chlorobenzene	50.000	51.909	-3.8	122	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.210	-2.4	119	0.00
67 C	Ethyl Benzene	50.000	54.842	-9.7#	118	0.00
68 T	m/p-Xylenes	100.000	111.617	-11.6	119	0.00
69 T	o-Xylene	50.000	56.280	-12.6	120	0.00
70 T	Styrene	50.000	56.907	-13.8	118	0.00
71 P	Bromoform	50.000	45.779	8.4	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	114	0.00
73 T	Isopropylbenzene	50.000	58.749	-17.5	121	0.00
74 T	N-amyl acetate	50.000	47.272	5.5	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.249	11.5	103	0.00
76 T	1,2,3-Trichloropropane	50.000	42.652	14.7	109	0.00
77 T	Bromobenzene	50.000	50.682	-1.4	116	0.00
78 T	n-propylbenzene	50.000	57.193	-14.4	117	0.00
79 T	2-Chlorotoluene	50.000	52.927	-5.9	112	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.903	-15.8	115	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.865	4.3	105	0.00
82 T	4-Chlorotoluene	50.000	52.521	-5.0	110	0.00
83 T	tert-Butylbenzene	50.000	58.265	-16.5	120	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.955	-13.9	114	0.00
85 T	sec-Butylbenzene	50.000	60.514	-21.0	119	0.00
86 T	p-Isopropyltoluene	50.000	52.248	-4.5	121	0.00
87 T	1,3-Dichlorobenzene	50.000	51.152	-2.3	115	0.00
88 T	1,4-Dichlorobenzene	50.000	49.044	1.9	114	0.00
89 T	n-Butylbenzene	50.000	60.636	-21.3	121	0.00
90 T	Hexachloroethane	50.000	50.457	-0.9	112	0.00
91 T	1,2-Dichlorobenzene	50.000	51.194	-2.4	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.652	18.7	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.301	-4.6	115	0.00
94 T	Hexachlorobutadiene	50.000	45.615	8.8	115	0.00
95 T	Naphthalene	50.000	49.272	1.5	106	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085309.D
Acq On : 26 Dec 2024 10:10
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: Dec 27 00:40:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 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	50.038	-0.1	112	0.00

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



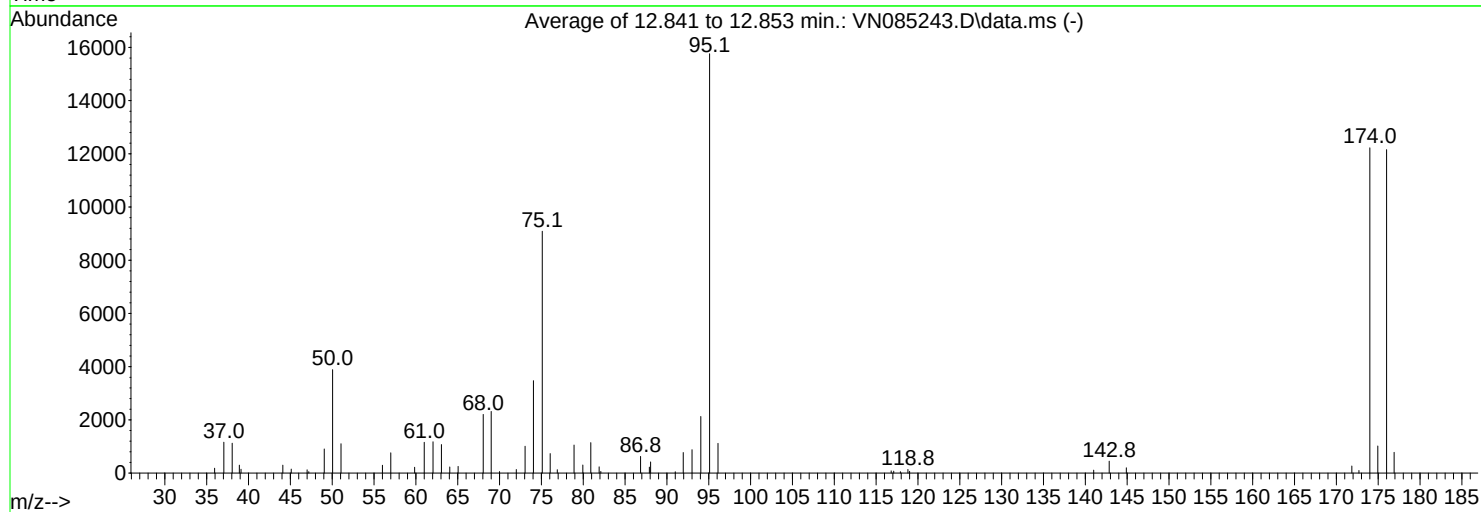
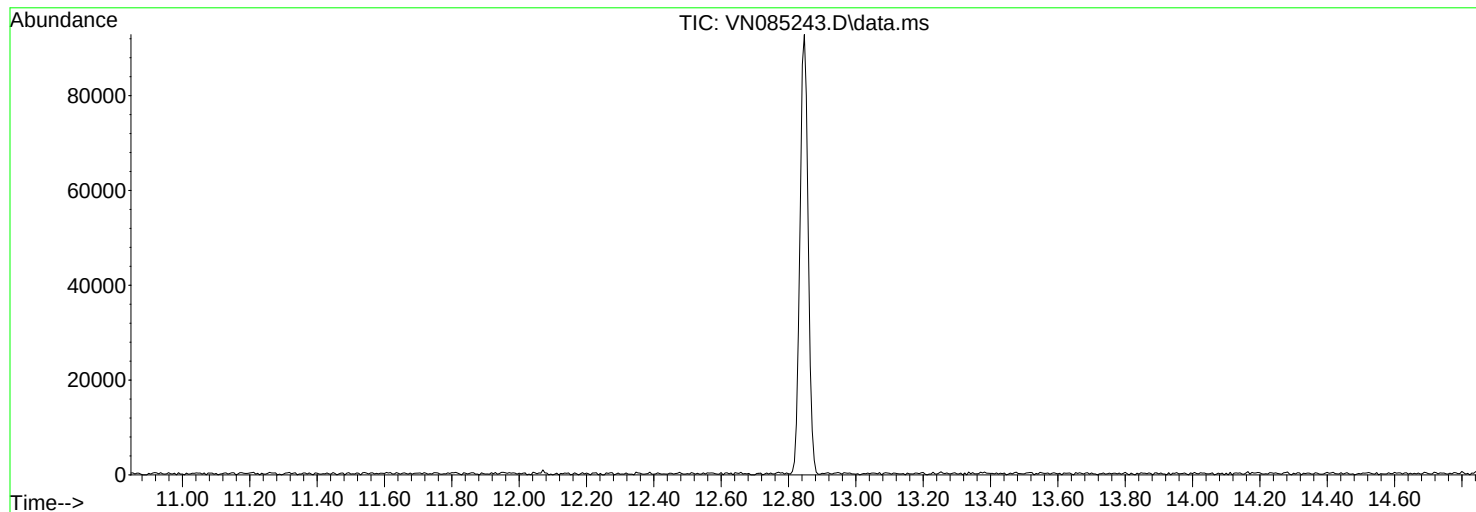
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085243.D
Acq On : 18 Dec 2024 08:37
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Title : SW846 8260
Last Update : Thu Dec 19 06:31:00 2024



AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1844

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.7	3887	PASS
75	95	30	60	57.7	9090	PASS
95	95	100	100	100.0	15762	PASS
96	95	5	9	7.1	1117	PASS
173	174	0.00	2	0.8	97	PASS
174	95	50	100	77.6	12225	PASS
175	174	5	9	8.3	1018	PASS
176	174	95	101	99.4	12157	PASS
177	176	5	9	6.4	780	PASS

BFB

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	183	51.05	1103	70.00	57	82.10	62
37.05	1160	56.00	295	72.00	134	86.85	627
38.05	1122	57.00	762	73.05	1008	87.90	225
38.90	298	59.85	218	74.05	3473	88.05	418
39.10	144	61.00	1157	75.10	9090	91.00	50
44.10	297	62.05	1176	76.05	733	91.95	772
45.10	149	63.05	1071	76.90	126	93.00	879
47.00	123	64.05	229	78.90	1054	94.05	2127
47.20	52	65.05	250	79.95	303	95.10	15762
49.05	906	68.05	2205	80.90	1144	96.10	1117
50.05	3887	69.00	2317	81.90	235	116.80	83

Average of 12.841 to 12.853 min.: VN085243.D\data.ms

BFB

Modified:subtracted

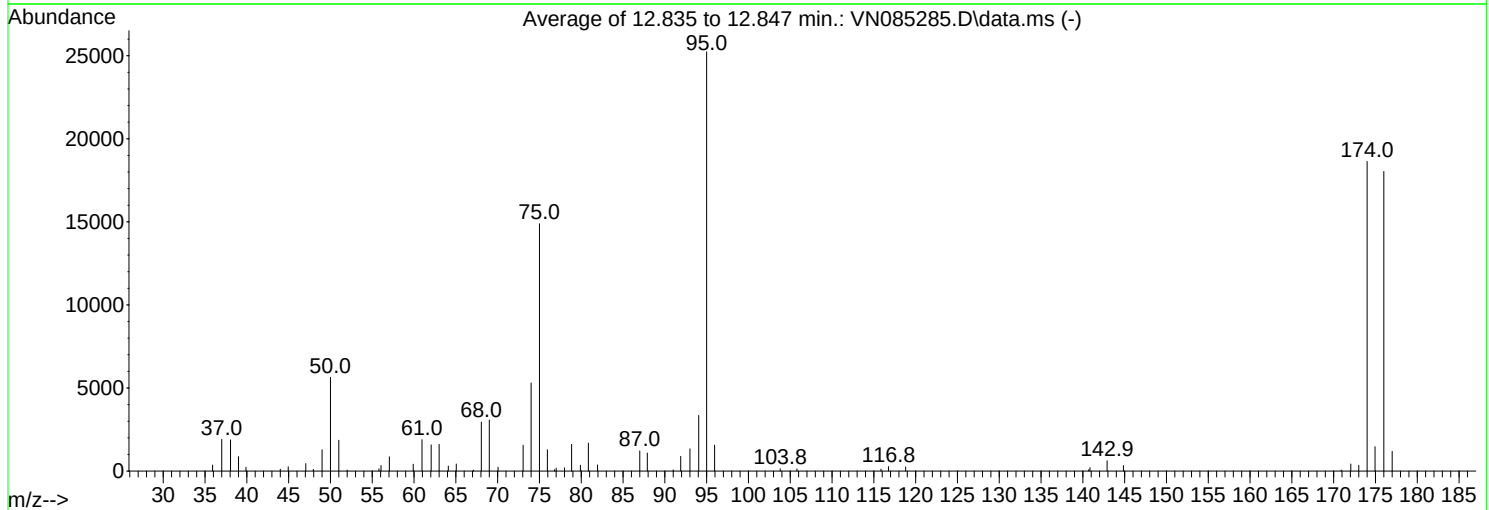
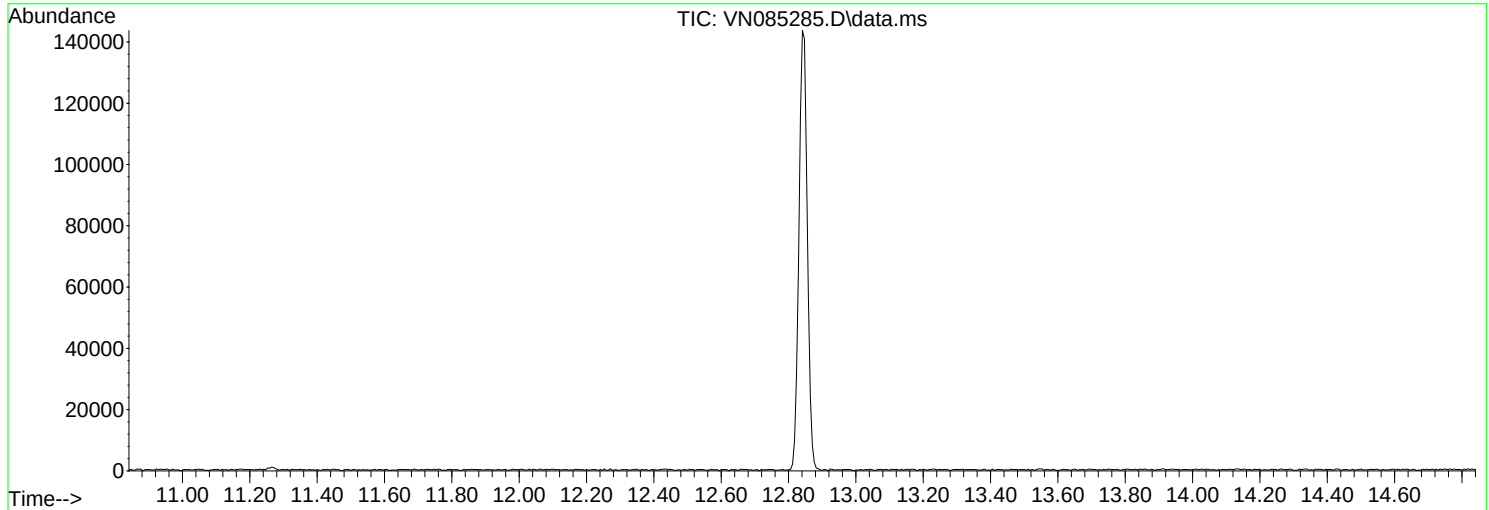
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
117.10	72	176.00	12157				
117.90	53	176.90	780				
118.80	138						
119.00	65						
141.00	111						
142.85	447						
144.90	198						
171.85	266						
172.70	97						
174.00	12225						
174.95	1018						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085285.D
Acq On : 23 Dec 2024 10:14
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Title : SW846 8260
Last Update : Thu Dec 19 06:31:00 2024



AutoFind: Scans 1850, 1851, 1852; Background Corrected with Scan 1843

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.3	5640	PASS
75	95	30	60	59.0	14888	PASS
95	95	100	100	100.0	25240	PASS
96	95	5	9	6.2	1562	PASS
173	174	0.00	2	1.9	348	PASS
174	95	50	100	73.8	18638	PASS
175	174	5	9	7.9	1468	PASS
176	174	95	101	96.8	18033	PASS
177	176	5	9	6.6	1188	PASS

BFB

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	362	51.00	1855	67.10	57	78.85	1609
37.00	1910	52.00	62	68.05	2954	79.90	354
38.05	1877	55.80	140	69.00	3077	80.85	1685
39.00	870	56.05	335	70.05	231	81.95	371
39.90	232	57.05	858	73.05	1557	87.00	1213
44.00	110	59.90	412	74.00	5305	87.90	1086
44.95	261	60.95	1889	75.00	14888	91.00	71
47.05	455	62.05	1578	75.95	1282	91.90	887
47.95	103	63.00	1611	76.80	86	93.00	1337
49.00	1283	64.10	300	77.00	178	94.05	3350
50.00	5640	65.05	428	78.00	193	95.00	25240

Average of 12.835 to 12.847 min.: VN085285.D\data.ms

BFB

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.95	1562	172.05	426				
103.80	140	173.00	348				
105.80	135	174.00	18638				
115.85	117	174.95	1468				
116.75	268	176.00	18033				
118.80	251	177.00	1188				
140.70	83						
140.85	207						
142.90	623						
144.85	336						
170.90	58						

Instrument :

MSVOA_N

ClientSampleId :

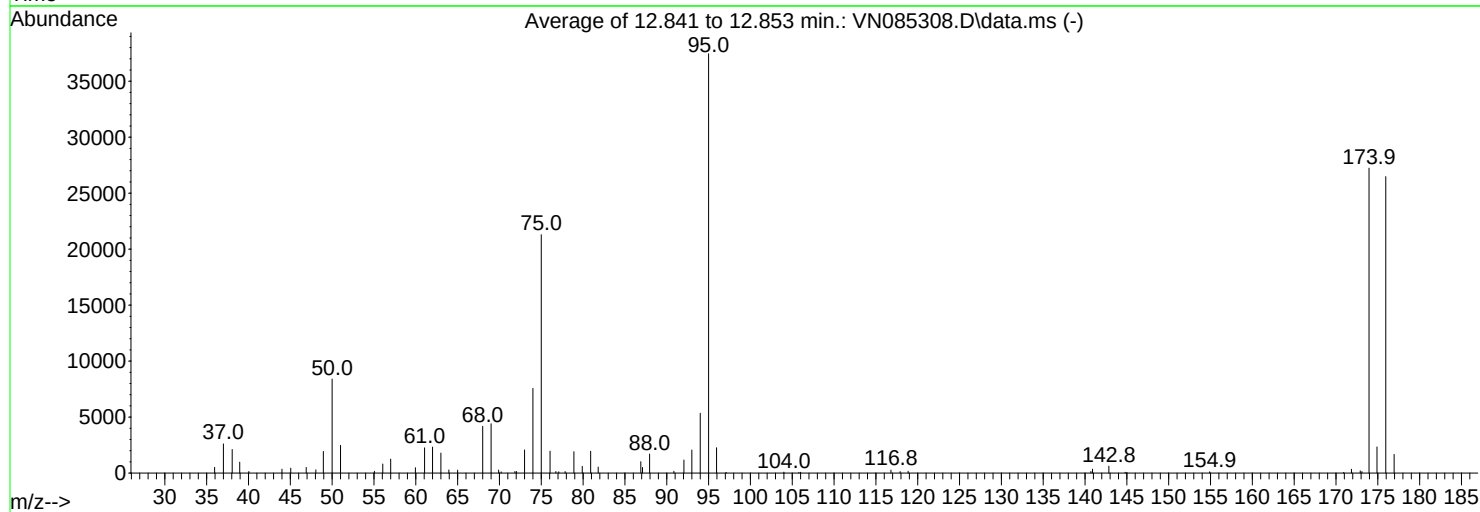
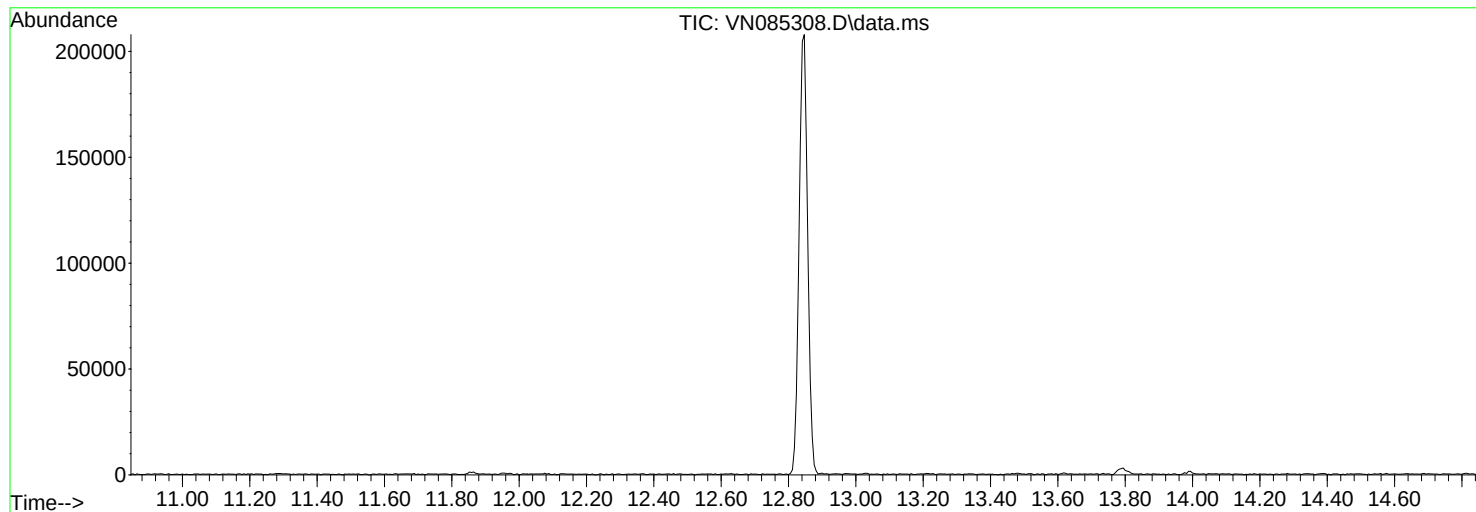
BFB

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085308.D
Acq On : 26 Dec 2024 08:41
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Title : SW846 8260
Last Update : Thu Dec 19 06:31:00 2024



AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1842

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.4	8398	PASS
75	95	30	60	56.8	21291	PASS
95	95	100	100	100.0	37453	PASS
96	95	5	9	6.0	2262	PASS
173	174	0.00	2	0.7	197	PASS
174	95	50	100	72.7	27237	PASS
175	174	5	9	8.6	2338	PASS
176	174	95	101	97.2	26483	PASS
177	176	5	9	6.3	1666	PASS

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.95	516	51.00	2472	69.00	4408	77.85	142
37.00	2608	55.05	165	69.90	272	78.90	1913
38.05	2111	56.05	810	70.20	106	79.90	600
38.95	978	57.00	1250	71.85	144	80.90	1953
40.05	149	59.95	482	72.05	147	81.80	535
44.00	351	61.05	2257	73.00	2068	86.90	1021
45.05	443	62.00	2324	74.00	7571	87.10	509
46.90	504	63.00	1789	75.00	21291	87.95	1700
48.05	292	63.95	284	76.05	1960	90.85	170
48.95	1939	65.00	266	76.75	140	92.05	1168
50.00	8398	68.00	4176	77.10	117	93.00	2063

Average of 12.841 to 12.853 min.: VN085308.D\data.ms
BFB

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.00	5342	140.90	352	175.95	26483		
95.00	37453	142.85	623	176.95	1666		
95.95	2262	144.80	73				
97.10	60	145.00	58				
104.00	86	154.90	119				
105.80	57	170.90	51				
106.00	74	171.85	345				
116.80	274	172.90	197				
117.90	136	173.10	137				
118.85	162	173.95	27237				
140.70	151	174.90	2338				

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:		
Client Sample ID:	VN1223WBL01		SDG No.:	P5371	
Lab Sample ID:	VN1223WBL01		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085288.D	1		12/23/24 12:26	VN122324

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	1.40	U	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	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	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:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VN1223WBL01	SDG No.:	P5371
Lab Sample ID:	VN1223WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085288.D	1		12/23/24 12:26	VN122324

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	0.16	U	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	49.2		70 (74) - 130 (125)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	47.6		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.0		70 (77) - 130 (121)	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	174000	8.218			
540-36-3	1,4-Difluorobenzene	325000	9.094			
3114-55-4	Chlorobenzene-d5	277000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	116000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VN1223WBL01		SDG No.:	P5371
Lab Sample ID:	VN1223WBL01		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085288.D	1		12/23/24 12:26	VN122324

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_N\Data\VN122324\
Data File : VN085288.D
Acq On : 23 Dec 2024 12:26
Operator : JC\MD
Sample : VN1223WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBL01

Quant Time: Dec 24 04:06:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	174137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	324722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	277455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116189	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	149659	49.171	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.340%
35) Dibromofluoromethane	8.159	113	112526	49.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.580%
50) Toluene-d8	10.559	98	396960	47.573	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.841	95	128030	42.958	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.920%

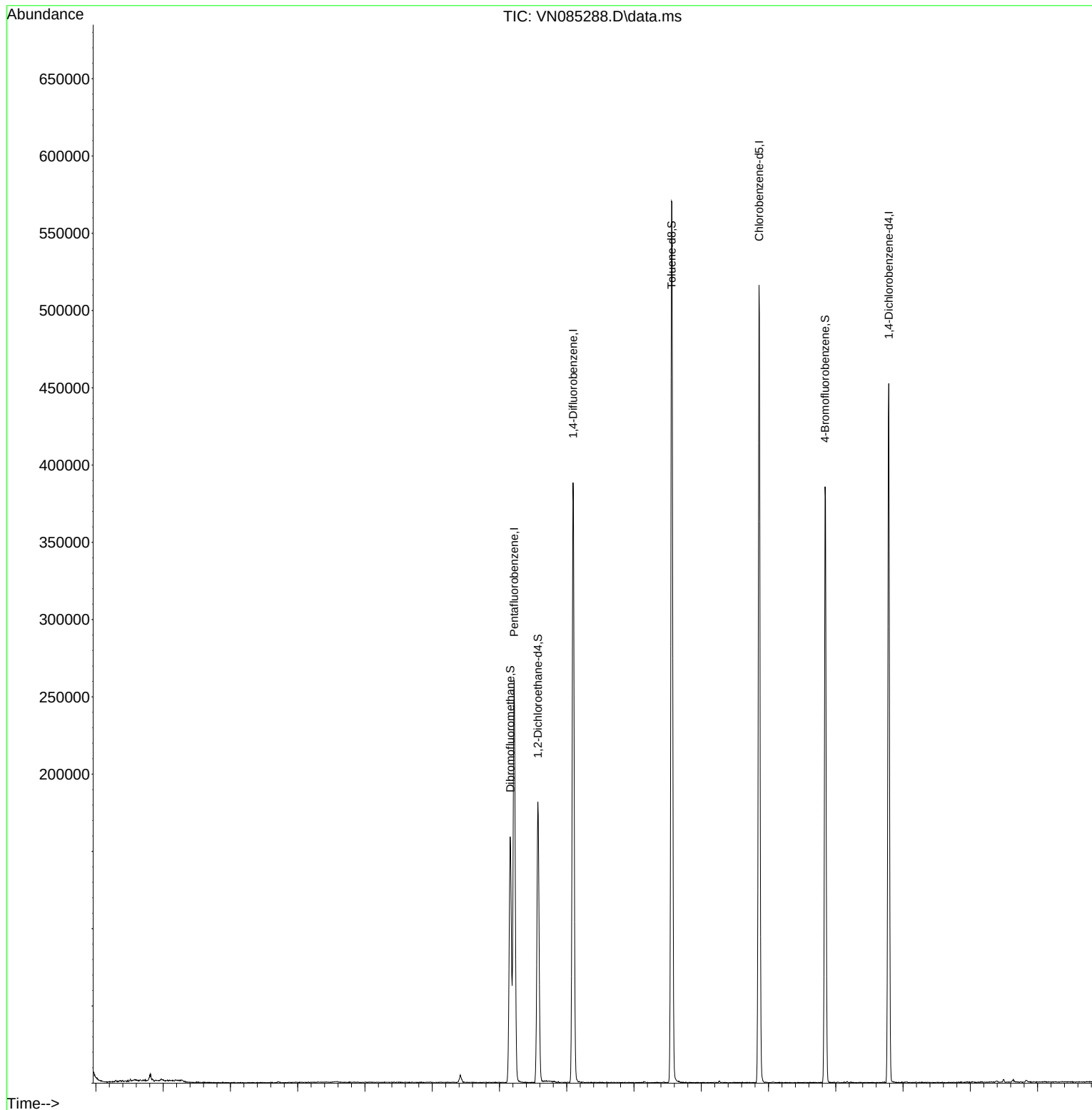
Target Compounds	Qvalue

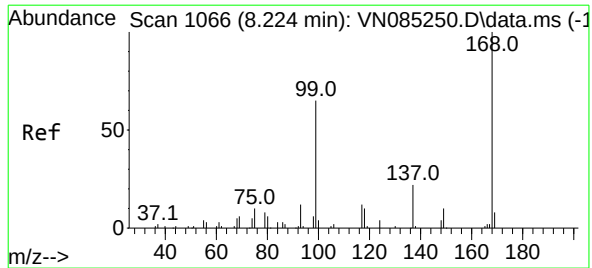
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085288.D
Acq On : 23 Dec 2024 12:26
Operator : JC\MD
Sample : VN1223WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBL01

Quant Time: Dec 24 04:06:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

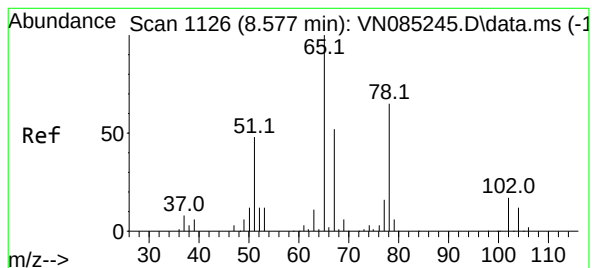
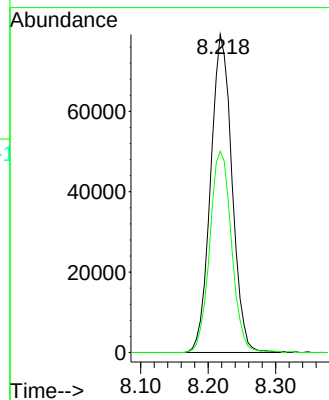
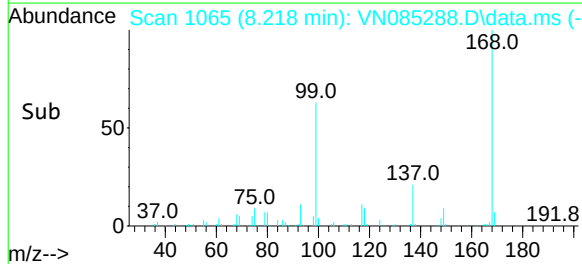
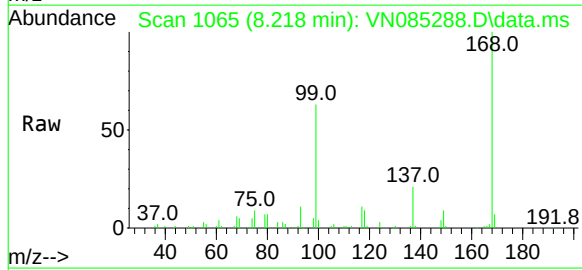




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085288.D
Acq: 23 Dec 2024 12:26

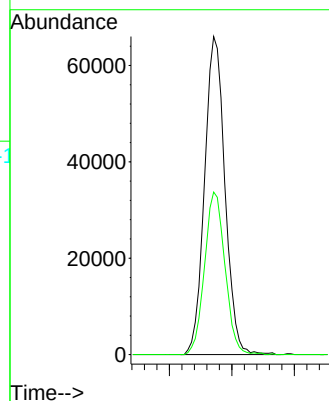
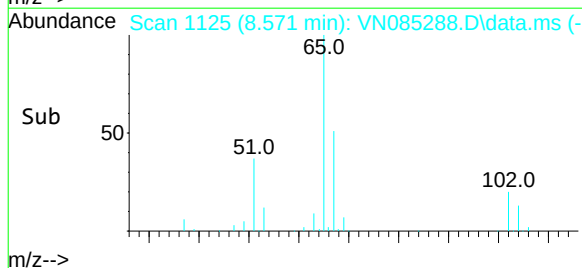
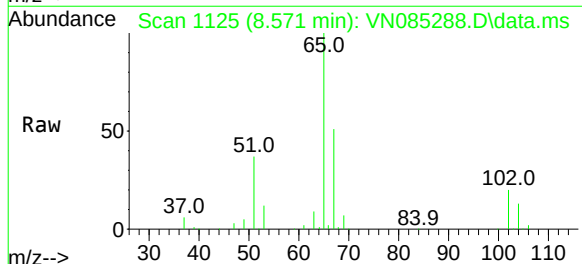
Instrument :
MSVOA_N
ClientSampleId :
VN1223WBL01

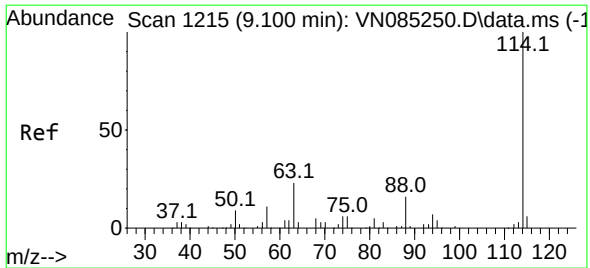
Tgt Ion:168 Resp: 174137
Ion Ratio Lower Upper
168 100
99 63.3 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 49.171 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085288.D
Acq: 23 Dec 2024 12:26

Tgt Ion: 65 Resp: 149659
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN085288.D

Acq: 23 Dec 2024 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBL01

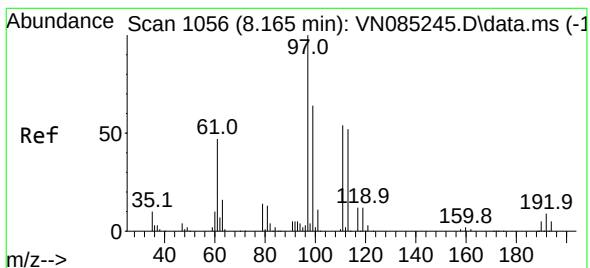
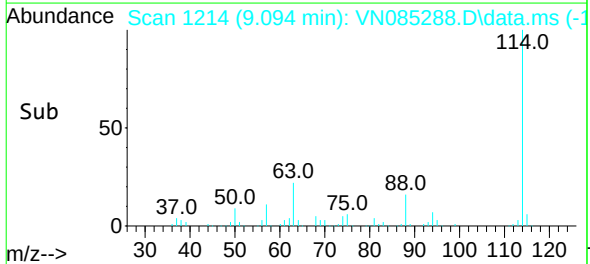
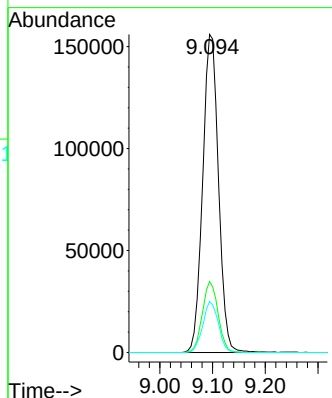
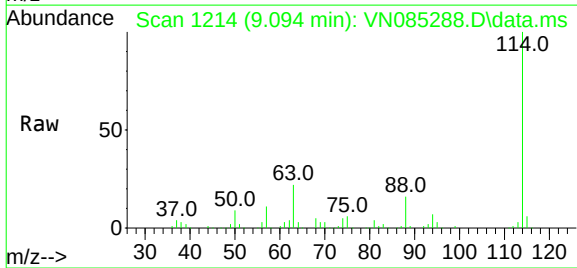
Tgt Ion:114 Resp: 324722

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.289 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN085288.D

Acq: 23 Dec 2024 12:26

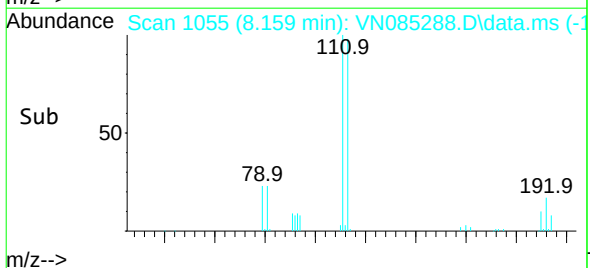
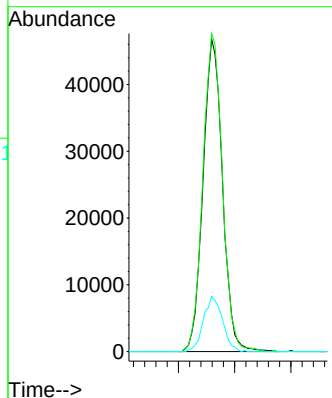
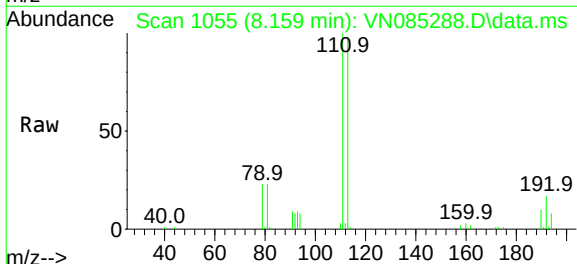
Tgt Ion:113 Resp: 112526

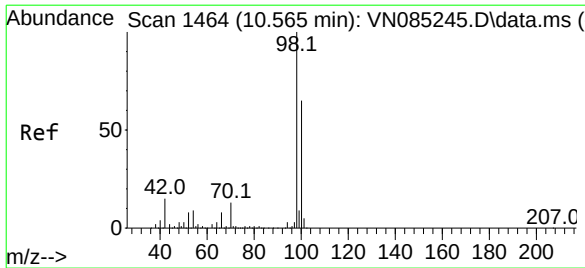
Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

192 17.3 13.4 20.0





#50

Toluene-d8

Concen: 47.573 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085288.D

Acq: 23 Dec 2024 12:26

Instrument :

MSVOA_N

ClientSampleId :

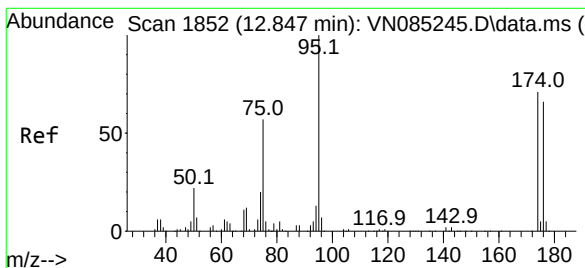
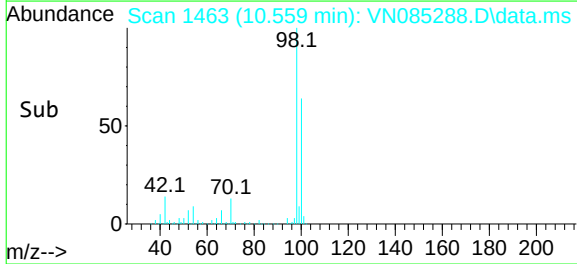
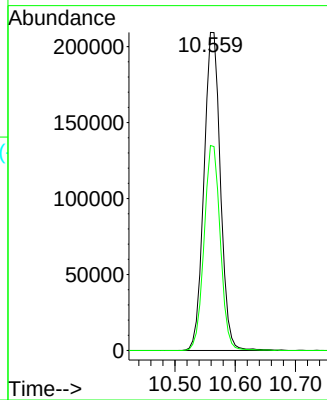
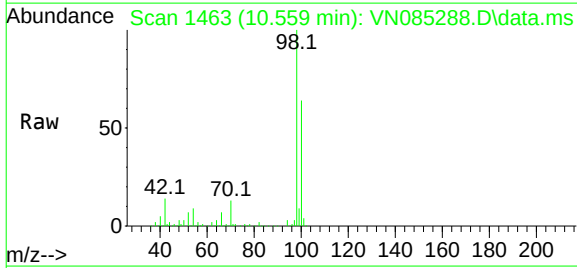
VN1223WBL01

Tgt Ion: 98 Resp: 396960

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 42.958 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN085288.D

Acq: 23 Dec 2024 12:26

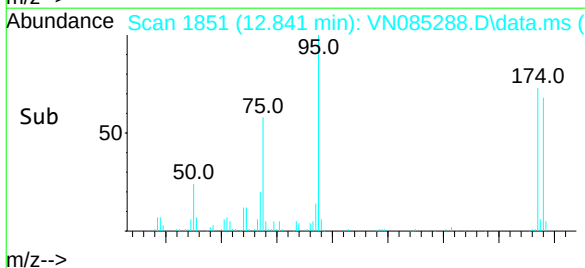
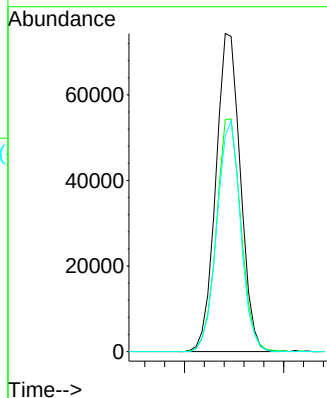
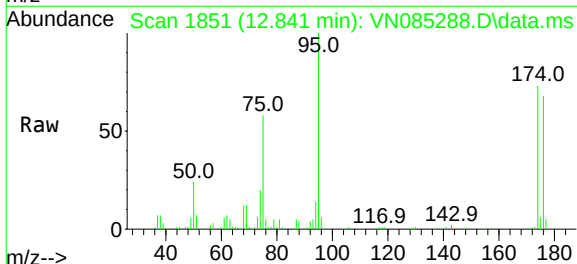
Tgt Ion: 95 Resp: 128030

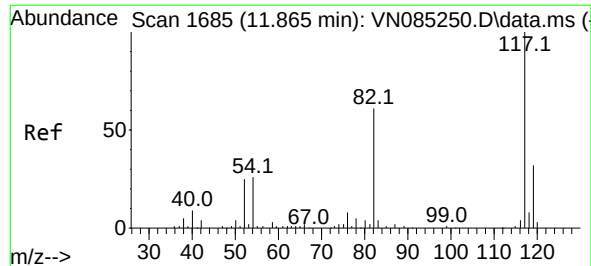
Ion Ratio Lower Upper

95 100

174 73.2 0.0 144.4

176 69.7 0.0 136.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 16

Delta R.T. -0.006 min

Lab File: VN085288.D

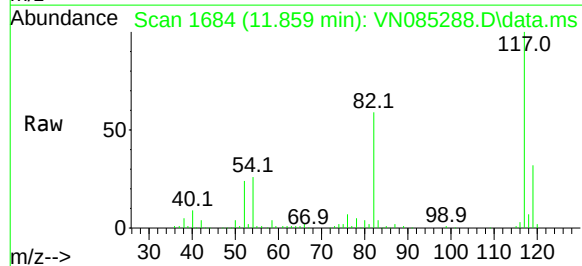
Acq: 23 Dec 2024 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1223WBL01



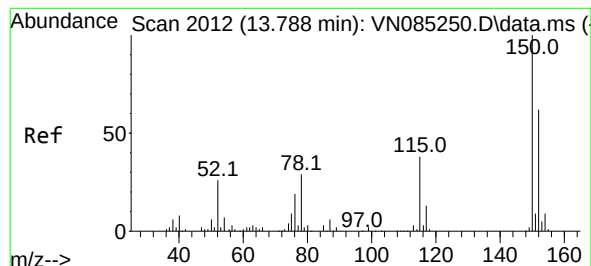
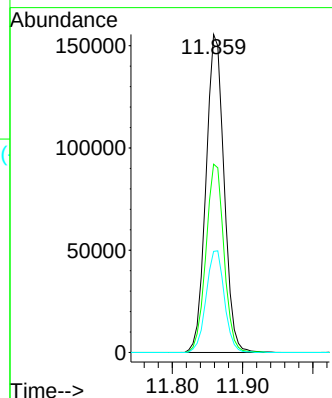
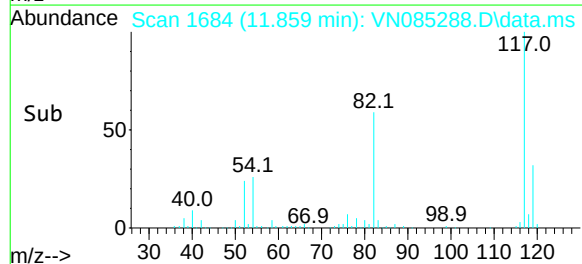
Tgt Ion:117 Resp: 277455

Ion Ratio Lower Upper

117 100

82 59.2 47.4 71.2

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085288.D

Acq: 23 Dec 2024 12:26

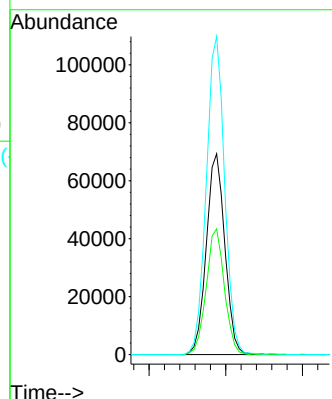
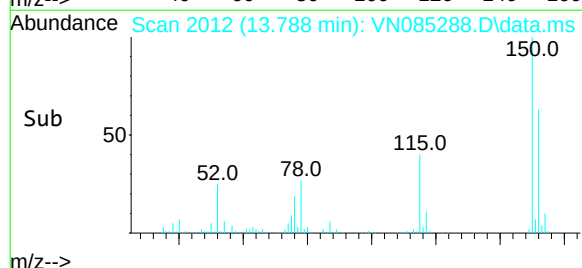
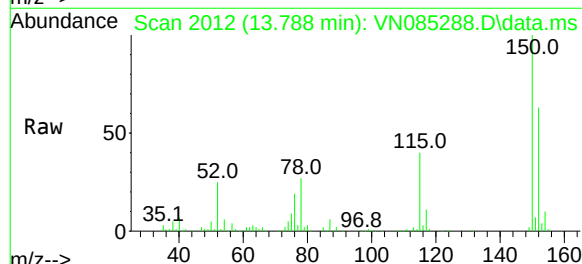
Tgt Ion:152 Resp: 116189

Ion Ratio Lower Upper

152 100

115 61.5 32.1 96.3

150 156.7 0.0 354.6



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VN1226WBL01	SDG No.:	P5371
Lab Sample ID:	VN1226WBL01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085311.D	1		12/26/24 11:13	VN122624

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:	VN1226WBL01		SDG No.:	P5371	
Lab Sample ID:	VN1226WBL01		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:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085311.D	1		12/26/24 11:13	VN122624

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	44.5		70 (74) - 130 (125)	89%	SPK: 50
1868-53-7	Dibromofluoromethane	46.0		70 (75) - 130 (124)	92%	SPK: 50
2037-26-5	Toluene-d8	47.3		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.9		70 (77) - 130 (121)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	159000	8.218			
540-36-3	1,4-Difluorobenzene	295000	9.094			
3114-55-4	Chlorobenzene-d5	252000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	102000	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VN1226WBL01		SDG No.:	P5371
Lab Sample ID:	VN1226WBL01		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085311.D	1		12/26/24 11:13	VN122624

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_N\Data\VN122624\
Data File : VN085311.D
Acq On : 26 Dec 2024 11:13
Operator : JC\MD
Sample : VN1226WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBL01

Quant Time: Dec 27 00:42:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	159396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	294503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	251735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102404	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	123859	44.458	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.920%
35) Dibromofluoromethane	8.165	113	95259	46.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.020%
50) Toluene-d8	10.559	98	357973	47.303	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.600%
62) 4-Bromofluorobenzene	12.847	95	118525	43.850	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.700%

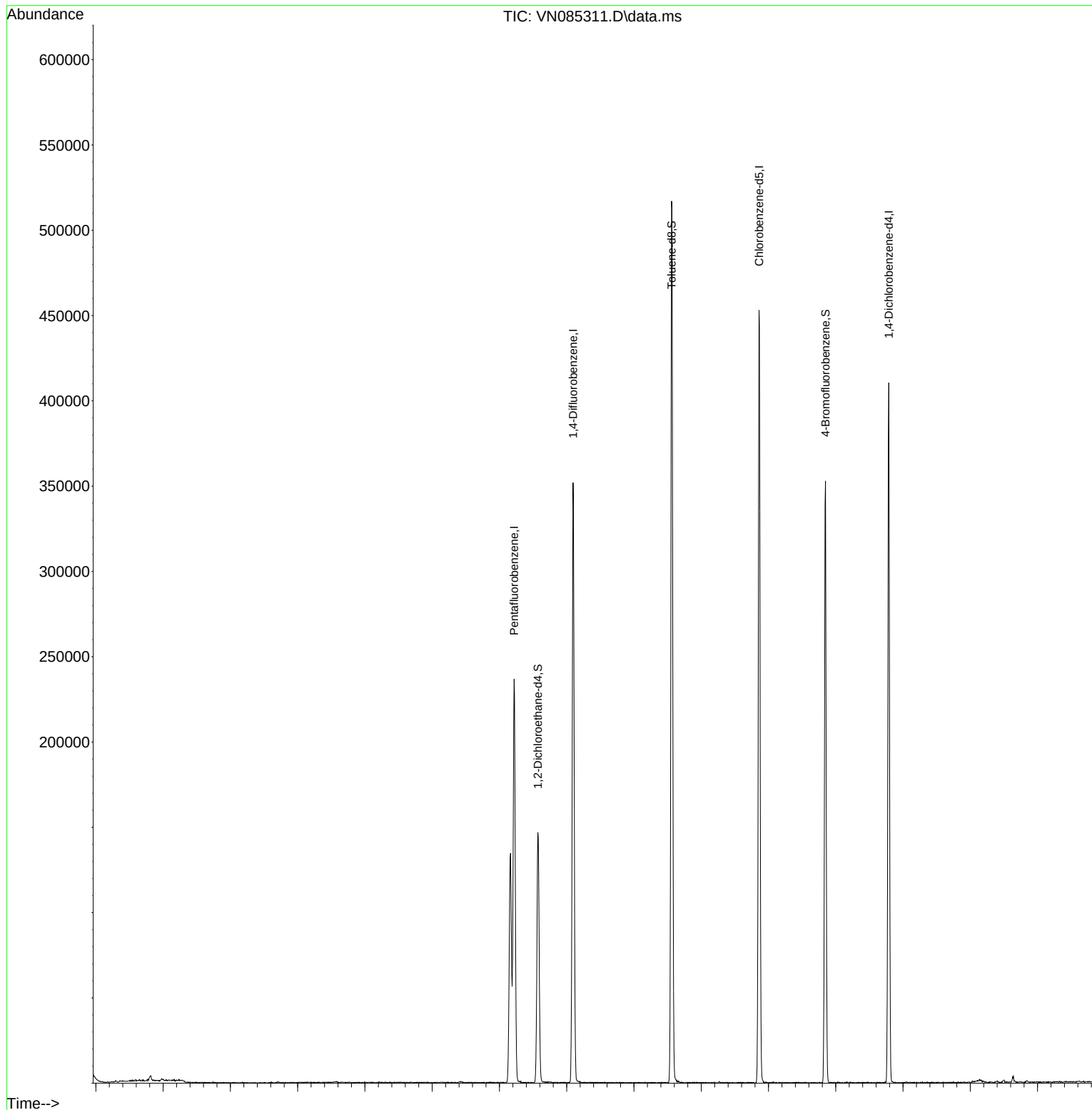
Target Compounds	Qvalue

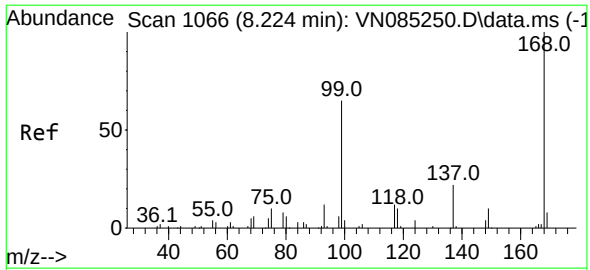
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085311.D
Acq On : 26 Dec 2024 11:13
Operator : JC\MD
Sample : VN1226WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBL01

Quant Time: Dec 27 00:42:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

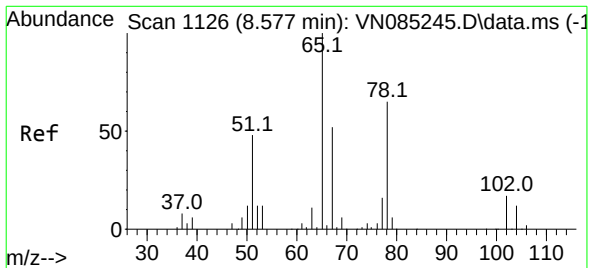
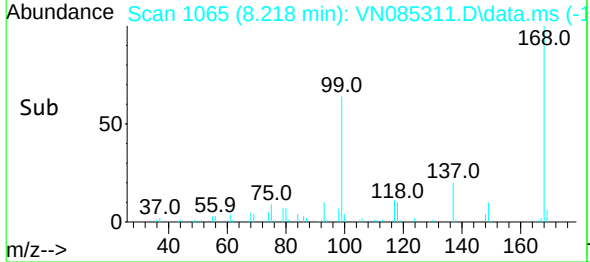
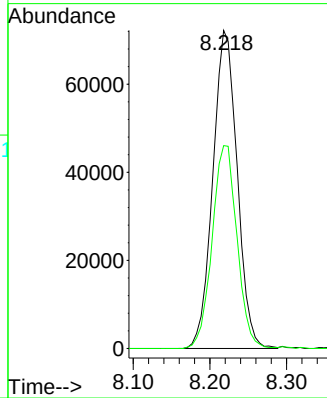
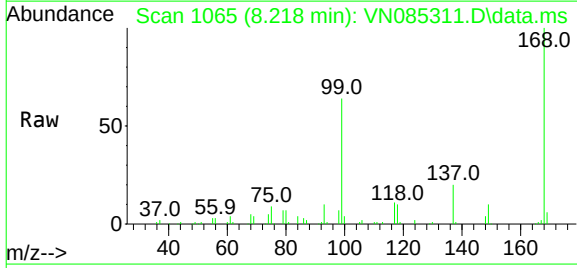




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085311.D
Acq: 26 Dec 2024 11:13

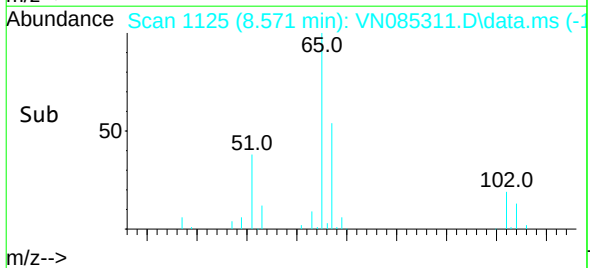
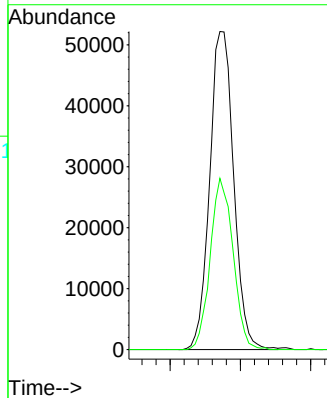
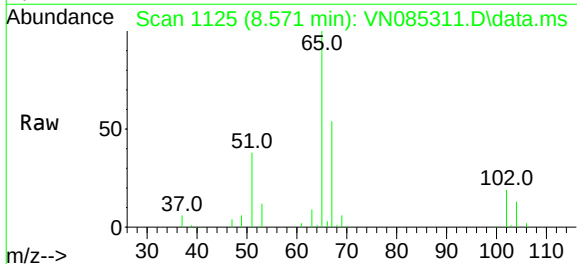
Instrument :
MSVOA_N
ClientSampleId :
VN1226WBL01

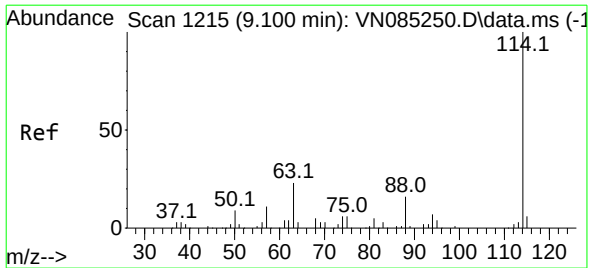
Tgt Ion:168 Resp: 159396
Ion Ratio Lower Upper
168 100
99 63.8 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 44.458 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085311.D
Acq: 26 Dec 2024 11:13

Tgt Ion: 65 Resp: 123859
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN085311.D

Acq: 26 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBL01

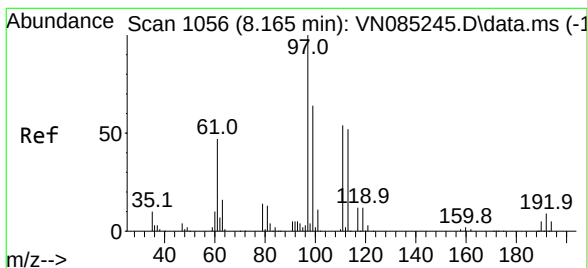
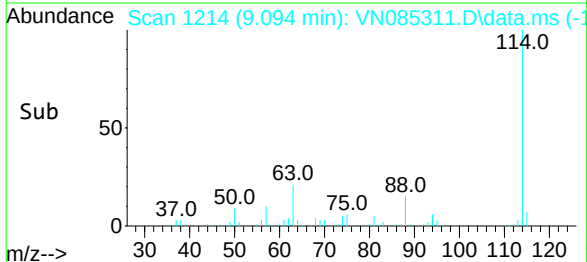
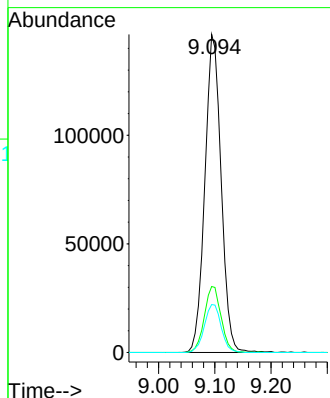
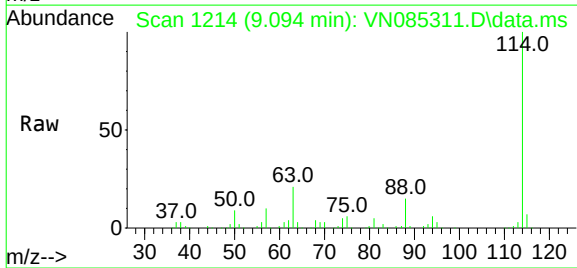
Tgt Ion:114 Resp: 294503

Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.2

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.008 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085311.D

Acq: 26 Dec 2024 11:13

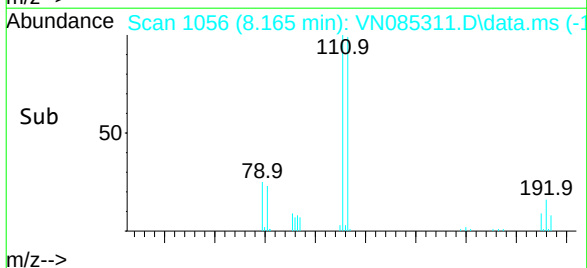
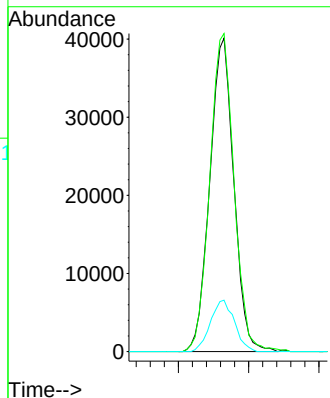
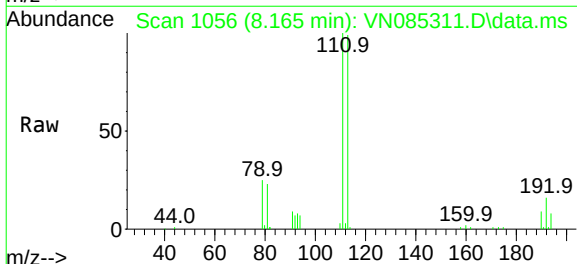
Tgt Ion:113 Resp: 95259

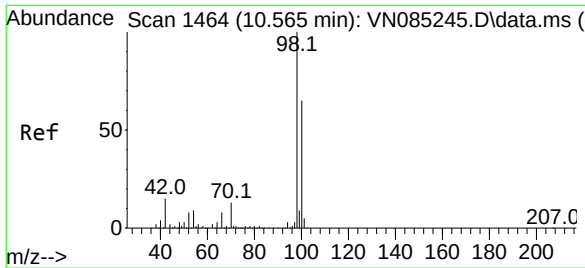
Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 16.5 13.4 20.0





#50

Toluene-d8

Concen: 47.303 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085311.D

Acq: 26 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

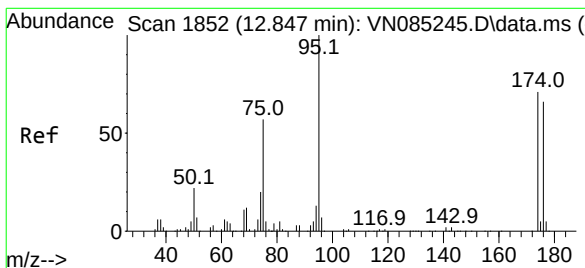
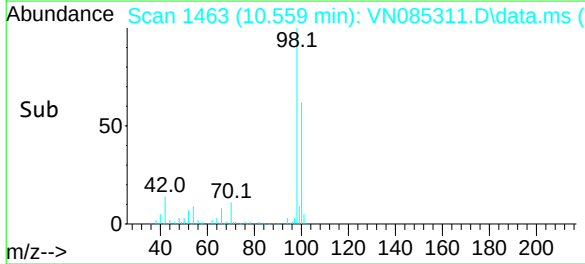
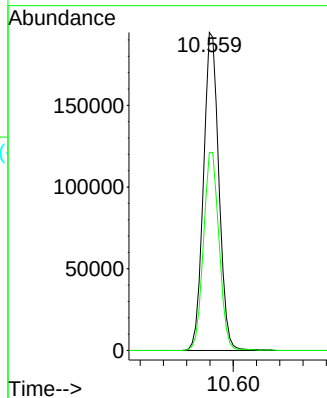
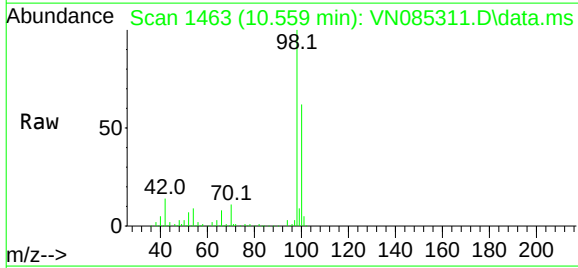
VN1226WBL01

Tgt Ion: 98 Resp: 357973

Ion Ratio Lower Upper

98 100

100 63.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 43.850 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085311.D

Acq: 26 Dec 2024 11:13

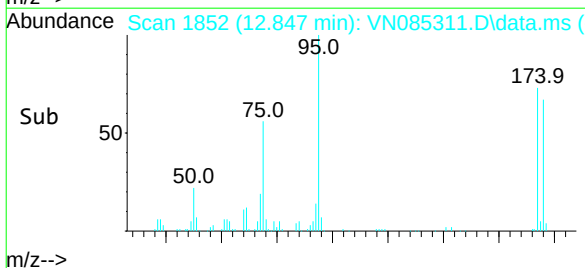
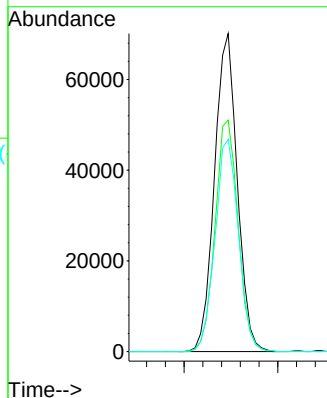
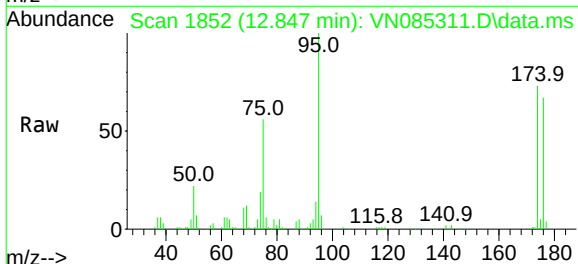
Tgt Ion: 95 Resp: 118525

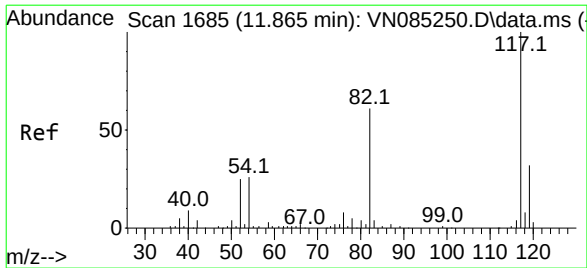
Ion Ratio Lower Upper

95 100

174 73.4 0.0 144.4

176 68.8 0.0 136.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 16

Delta R.T. -0.006 min

Lab File: VN085311.D

Acq: 26 Dec 2024 11:13

Instrument :

MSVOA_N

ClientSampleId :

VN1226WBL01

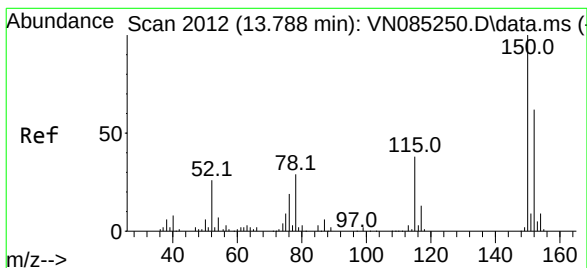
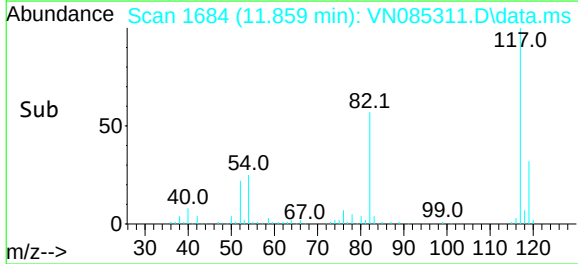
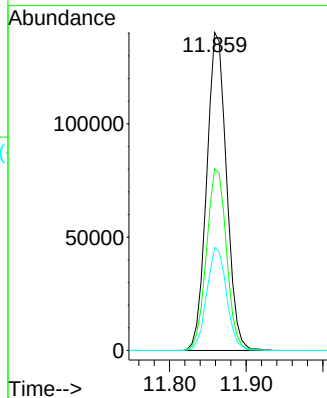
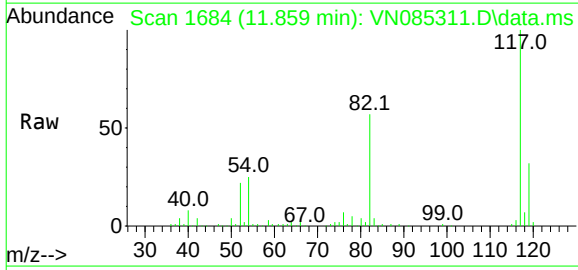
Tgt Ion:117 Resp: 251735

Ion Ratio Lower Upper

117 100

82 57.2 47.4 71.2

119 32.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085311.D

Acq: 26 Dec 2024 11:13

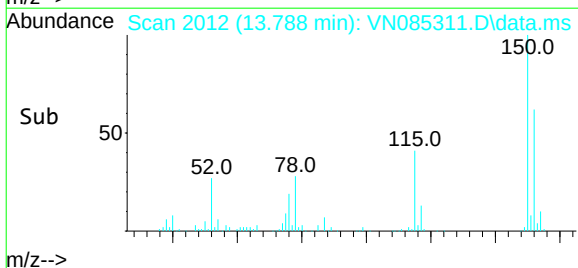
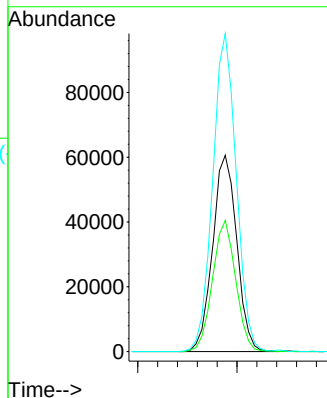
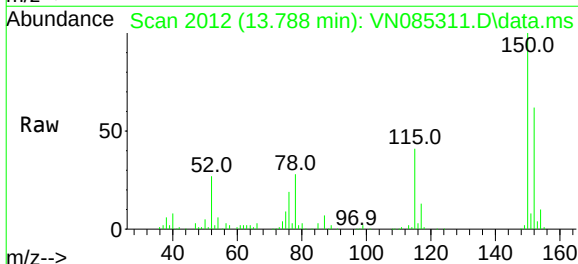
Tgt Ion:152 Resp: 102404

Ion Ratio Lower Upper

152 100

115 64.1 32.1 96.3

150 158.0 0.0 354.6



Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VN1223WBS02		SDG No.:	P5371
Lab Sample ID:	VN1223WBS02		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085290.D	1		12/23/24 13:29	VN122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.6		0.21	5.00	ug/L
74-87-3	Chloromethane	19.9		0.35	5.00	ug/L
75-01-4	Vinyl Chloride	21.4		0.34	5.00	ug/L
74-83-9	Bromomethane	18.9		1.40	5.00	ug/L
75-00-3	Chloroethane	20.3		0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	18.7		0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	19.1		0.26	5.00	ug/L
67-64-1	Acetone	82.0		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	17.8		0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.6		0.16	5.00	ug/L
79-20-9	Methyl Acetate	15.8		0.60	5.00	ug/L
75-09-2	Methylene Chloride	19.5		0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.4		0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	19.4		0.23	5.00	ug/L
110-82-7	Cyclohexane	19.4		1.60	5.00	ug/L
78-93-3	2-Butanone	74.2		1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	18.1		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.5		0.25	5.00	ug/L
74-97-5	Bromochloromethane	22.5		0.18	5.00	ug/L
67-66-3	Chloroform	17.4		0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.8		0.19	5.00	ug/L
108-87-2	Methylcyclohexane	20.2		0.19	5.00	ug/L
71-43-2	Benzene	19.8		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	18.4		0.24	5.00	ug/L
79-01-6	Trichloroethene	20.3		0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	20.0		0.19	5.00	ug/L
75-27-4	Bromodichloromethane	18.5		0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	77.7		0.75	25.0	ug/L
108-88-3	Toluene	19.7		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VN1223WBS02	SDG No.:	P5371
Lab Sample ID:	VN1223WBS02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085290.D	1		12/23/24 13:29	VN122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.3		0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.5		0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.3		0.21	5.00	ug/L
591-78-6	2-Hexanone	75.8		1.10	25.0	ug/L
124-48-1	Dibromochloromethane	18.5		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	17.8		0.16	5.00	ug/L
127-18-4	Tetrachloroethene	21.3		0.25	5.00	ug/L
108-90-7	Chlorobenzene	19.8		0.13	5.00	ug/L
100-41-4	Ethyl Benzene	19.8		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	40.5		0.31	10.0	ug/L
95-47-6	o-Xylene	19.9		0.14	5.00	ug/L
100-42-5	Styrene	20.2		0.16	5.00	ug/L
75-25-2	Bromoform	17.5		0.21	5.00	ug/L
98-82-8	Isopropylbenzene	20.3		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	16.8		0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.0		0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.7		0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.2		0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	14.8		0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.1		0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.8		0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.9		70 (74) - 130 (125)	90%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	51.0		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.0		70 (77) - 130 (121)	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	189000	8.218			
540-36-3	1,4-Difluorobenzene	321000	9.094			
3114-55-4	Chlorobenzene-d5	275000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	130000	13.788			

Report of Analysis

Client:	ENTACT			Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	
Client Sample ID:	VN1223WBS02			SDG No.:	P5371
Lab Sample ID:	VN1223WBS02			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:	RXI-624	ID :	0.25	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085290.D	1		12/23/24 13:29	VN122324

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_N\Data\VN122324\
 Data File : VN085290.D
 Acq On : 23 Dec 2024 13:29
 Operator : JC\MD
 Sample : VN1223WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:07:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	188847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	320551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	275426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	148175	44.891	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.780%
35) Dibromofluoromethane	8.159	113	109977	48.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	10.559	98	419960	50.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.847	95	135323	45.996	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	58963	19.599	ug/l	96
3) Chloromethane	2.360	50	57182	19.941	ug/l	100
4) Vinyl Chloride	2.518	62	57603	21.440	ug/l	96
5) Bromomethane	2.965	94	33376	18.937	ug/l	98
6) Chloroethane	3.124	64	34238	20.270	ug/l	98
7) Trichlorofluoromethane	3.501	101	81125	18.698	ug/l	99
8) Diethyl Ether	3.954	74	25143	18.450	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	47435	20.385	ug/l	95
10) Methyl Iodide	4.589	142	50933	19.197	ug/l #	94
11) Tert butyl alcohol	5.512	59	28833	62.885	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	41252	19.138	ug/l	89
13) Acrolein	4.177	56	63502	120.265	ug/l	100
14) Allyl chloride	5.024	41	67258	18.018	ug/l	99
15) Acrylonitrile	5.712	53	97079	77.736	ug/l	98
16) Acetone	4.418	43	93406	81.982	ug/l #	88
17) Carbon Disulfide	4.712	76	130726	17.772	ug/l	99
18) Methyl Acetate	5.018	43	50915	15.785	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	129776	17.566	ug/l	94
20) Methylene Chloride	5.271	84	48594	19.498	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	43681	18.381	ug/l #	88
22) Diisopropyl ether	6.665	45	154225	19.367	ug/l	96
23) Vinyl Acetate	6.595	43	530549	86.221	ug/l	99
24) 1,1-Dichloroethane	6.559	63	89383	19.377	ug/l	99
25) 2-Butanone	7.477	43	129517	74.230	ug/l	96
26) 2,2-Dichloropropane	7.483	77	76460	17.900	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	51069	18.457	ug/l	99
28) Bromochloromethane	7.806	49	52307	22.484	ug/l	100
29) Tetrahydrofuran	7.836	42	84644	75.257	ug/l	99
30) Chloroform	7.959	83	85809	17.419	ug/l	100
31) Cyclohexane	8.247	56	82810	19.392	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	78172	17.804	ug/l	98
36) 1,1-Dichloropropene	8.365	75	63501	20.236	ug/l	99
37) Ethyl Acetate	7.553	43	55458	15.319	ug/l	98
38) Carbon Tetrachloride	8.359	117	68614	18.084	ug/l	97
39) Methylcyclohexane	9.594	83	66110	20.245	ug/l	89
40) Benzene	8.600	78	192862	19.755	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085290.D
 Acq On : 23 Dec 2024 13:29
 Operator : JC\MD
 Sample : VN1223WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBS02

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:07:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	31789	17.230	ug/l	95
42) 1,2-Dichloroethane	8.665	62	68577	18.442	ug/l	100
43) Isopropyl Acetate	8.683	43	96403	14.561	ug/l	98
44) Trichloroethene	9.347	130	44066	20.275	ug/l	100
45) 1,2-Dichloropropane	9.618	63	48275	19.972	ug/l	99
46) Dibromomethane	9.706	93	31619	18.324	ug/l	98
47) Bromodichloromethane	9.883	83	68387	18.498	ug/l	99
48) Methyl methacrylate	9.677	41	43875	16.166	ug/l	98
49) 1,4-Dioxane	9.688	88	12827	299.766	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	270176	77.667	ug/l	99
52) Toluene	10.624	92	115723	19.714	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	65798	18.259	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	74722	19.503	ug/l	92
55) 1,1,2-Trichloroethane	11.006	97	40329	18.348	ug/l	99
56) Ethyl methacrylate	10.871	69	59474	15.831	ug/l	98
57) 1,3-Dichloropropane	11.159	76	74343	19.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	136825	80.250	ug/l	97
59) 2-Hexanone	11.188	43	188068	75.843	ug/l	100
60) Dibromochloromethane	11.353	129	48137	18.479	ug/l	98
61) 1,2-Dibromoethane	11.465	107	40390	17.841	ug/l	100
64) Tetrachloroethene	11.100	164	39505	21.315	ug/l	95
65) Chlorobenzene	11.888	112	122354	19.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	42174	19.525	ug/l	98
67) Ethyl Benzene	11.959	91	209712	19.762	ug/l	98
68) m/p-Xylenes	12.065	106	160625	40.471	ug/l	99
69) o-Xylene	12.394	106	74155	19.878	ug/l	98
70) Styrene	12.406	104	126079	20.244	ug/l	97
71) Bromoform	12.576	173	29550	17.453	ug/l #	98
73) Isopropylbenzene	12.688	105	189553	20.257	ug/l	99
74) N-amyl acetate	12.488	43	77386	16.558	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	56121	16.832	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	56011m	18.114	ug/l	
77) Bromobenzene	12.976	156	45578	18.551	ug/l	97
78) n-propylbenzene	13.029	91	235109	20.487	ug/l	100
79) 2-Chlorotoluene	13.124	91	141206	19.379	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	161603	20.705	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	18263	15.683	ug/l	94
82) 4-Chlorotoluene	13.218	91	143530	19.466	ug/l	99
83) tert-Butylbenzene	13.435	119	133152	20.116	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	162165	20.326	ug/l	100
85) sec-Butylbenzene	13.612	105	191643	20.767	ug/l	100
86) p-Isopropyltoluene	13.723	119	157665	18.916	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	85893	18.984	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	87598	18.711	ug/l	99
89) n-Butylbenzene	14.053	91	139104	20.497	ug/l	99
90) Hexachloroethane	14.329	117	30896	18.225	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	80840	19.210	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	9437	14.759	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	38967	18.089	ug/l	97
94) Hexachlorobutadiene	15.494	225	20391	18.213	ug/l	95
95) Naphthalene	15.635	128	104278	14.617	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	38220	17.763	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085290.D
Acq On : 23 Dec 2024 13:29
Operator : JC\MD
Sample : VN1223WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:07:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

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

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

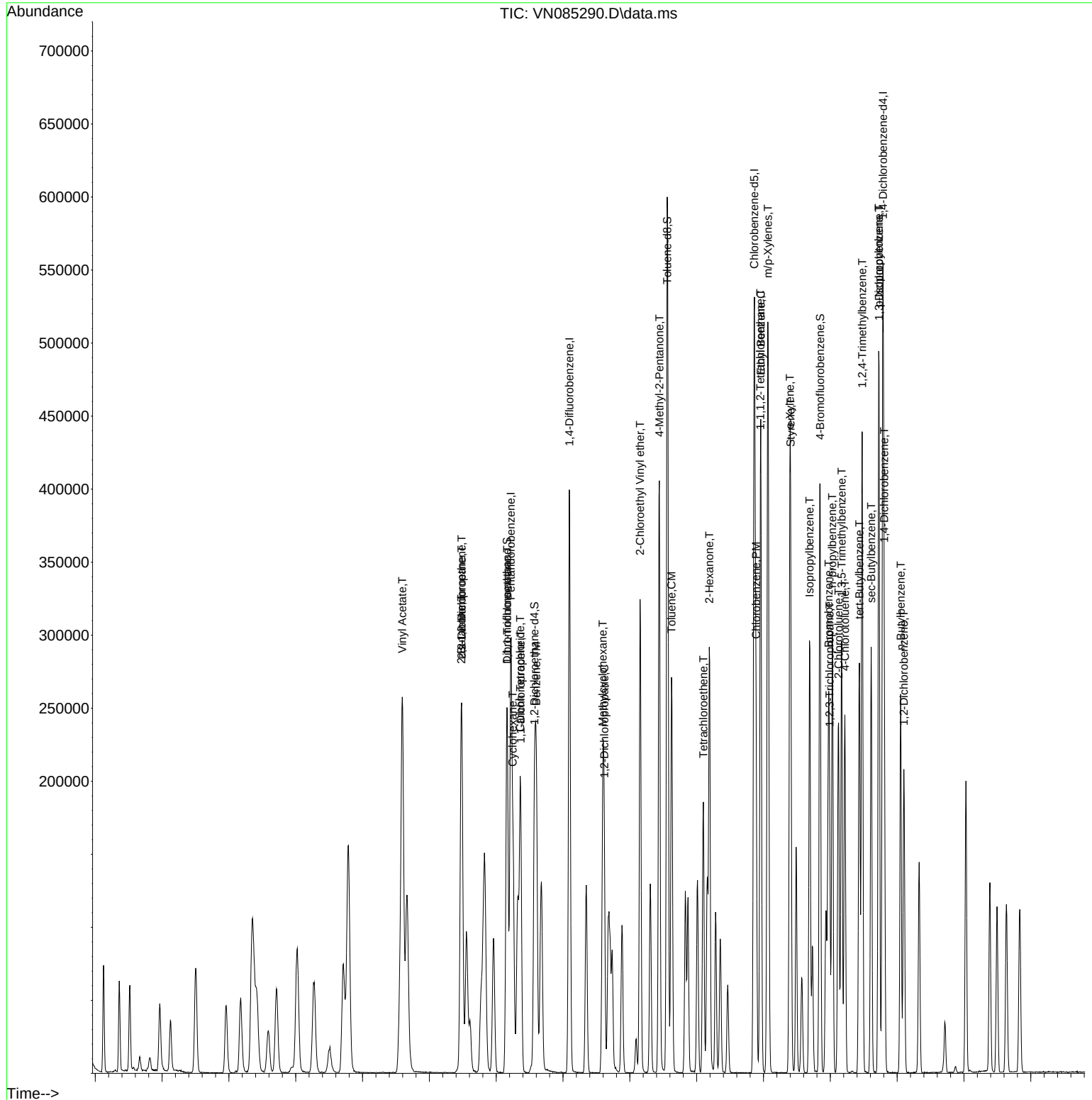
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\  
Data File : VN085290.D  
Acq On    : 23 Dec 2024 13:29  
Operator  : JC\MD  
Sample    : VN1223WBS02  
Misc      : 5.0mL/MSVOA_N/WATER  
ALS Vial  : 6 Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBS02

Manual Integrations

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:07:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VN1226WBS01		SDG No.:	P5371
Lab Sample ID:	VN1226WBS01		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085312.D	1		12/26/24 12:49	VN122624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.4		0.21	1.00	ug/L
74-87-3	Chloromethane	18.9		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	22.4		0.34	1.00	ug/L
74-83-9	Bromomethane	21.9		1.40	5.00	ug/L
75-00-3	Chloroethane	22.9		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.8		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.1		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.3		0.26	1.00	ug/L
67-64-1	Acetone	75.2		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	16.4		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	15.4		0.60	1.00	ug/L
75-09-2	Methylene Chloride	19.2		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.0		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.3		1.60	5.00	ug/L
78-93-3	2-Butanone	74.7		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	16.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.25	1.00	ug/L
74-97-5	Bromochloromethane	21.4		0.18	1.00	ug/L
67-66-3	Chloroform	17.4		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.0		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	19.9		0.19	1.00	ug/L
71-43-2	Benzene	18.5		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	16.7		0.24	1.00	ug/L
79-01-6	Trichloroethene	19.4		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.5		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	17.9		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	75.1		0.75	5.00	ug/L
108-88-3	Toluene	18.9		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:	VN1226WBS01	SDG No.:	P5371
Lab Sample ID:	VN1226WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085312.D	1		12/26/24 12:49	VN122624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.6		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.6		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	74.9		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	17.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	16.9		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.4		0.25	1.00	ug/L
108-90-7	Chlorobenzene	19.1		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.3		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	39.0		0.31	2.00	ug/L
95-47-6	o-Xylene	19.3		0.14	1.00	ug/L
100-42-5	Styrene	19.1		0.16	1.00	ug/L
75-25-2	Bromoform	16.1		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	21.1		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.2		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.5		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	19.4		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	15.3		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.4		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.9		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.1		70 (74) - 130 (125)	88%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		70 (75) - 130 (124)	93%	SPK: 50
2037-26-5	Toluene-d8	49.7		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.6		70 (77) - 130 (121)	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	145000	8.224			
540-36-3	1,4-Difluorobenzene	259000	9.1			
3114-55-4	Chlorobenzene-d5	223000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	98900	13.788			

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VN1226WBS01	SDG No.:	P5371
Lab Sample ID:	VN1226WBS01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085312.D	1		12/26/24 12:49	VN122624

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_N\Data\VN122624\
 Data File : VN085312.D
 Acq On : 26 Dec 2024 12:49
 Operator : JC\MD
 Sample : VN1226WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1226WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2024
 Supervised By : Mahesh Dadoda 12/27/2024

Quant Time: Dec 27 00:42:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	222802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98856	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	112080	44.121	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.240%
35) Dibromofluoromethane	8.165	113	84552	46.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	10.565	98	330518	49.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.847	95	108209	45.558	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.120%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	40234	17.377	ug/l	97
3) Chloromethane	2.359	50	41643	18.870	ug/l	96
4) Vinyl Chloride	2.512	62	46377	22.429	ug/l	94
5) Bromomethane	2.965	94	29760	21.940	ug/l	99
6) Chloroethane	3.124	64	29648	22.906	ug/l	94
7) Trichlorofluoromethane	3.500	101	59525	17.827	ug/l	89
8) Diethyl Ether	3.953	74	20904	19.931	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	34242	19.120	ug/l	95
10) Methyl Iodide	4.595	142	39377	19.284	ug/l #	94
11) Tert butyl alcohol	5.512	59	23106	65.481	ug/l	99
12) 1,1-Dichloroethene	4.342	96	31967	19.270	ug/l	93
13) Acrolein	4.177	56	43683	107.497	ug/l	96
14) Allyl chloride	5.024	41	48332	16.824	ug/l	98
15) Acrylonitrile	5.712	53	76006	79.082	ug/l	99
16) Acetone	4.424	43	65981	75.247	ug/l	96
17) Carbon Disulfide	4.718	76	92870	16.405	ug/l	98
18) Methyl Acetate	5.024	43	38206	15.391	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	105615	18.575	ug/l	98
20) Methylene Chloride	5.271	84	36761	19.165	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	32937	18.009	ug/l	85
22) Diisopropyl ether	6.665	45	112818	18.408	ug/l #	97
23) Vinyl Acetate	6.600	43	403675	85.241	ug/l	98
24) 1,1-Dichloroethane	6.565	63	64518	18.173	ug/l	99
25) 2-Butanone	7.477	43	100283	74.681	ug/l	94
26) 2,2-Dichloropropane	7.488	77	58350	17.750	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	39691	18.639	ug/l	97
28) Bromochloromethane	7.806	49	38324	21.405	ug/l	97
29) Tetrahydrofuran	7.830	42	65960	76.201	ug/l	97
30) Chloroform	7.965	83	65941	17.393	ug/l	96
31) Cyclohexane	8.253	56	60213	18.321	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	60873	18.015	ug/l	94
36) 1,1-Dichloropropene	8.371	75	47264	18.656	ug/l	100
37) Ethyl Acetate	7.553	43	42963	14.699	ug/l	99
38) Carbon Tetrachloride	8.359	117	51343	16.762	ug/l	99
39) Methylcyclohexane	9.600	83	52404	19.878	ug/l	90
40) Benzene	8.600	78	145422	18.451	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085312.D
 Acq On : 26 Dec 2024 12:49
 Operator : JC\MD
 Sample : VN1226WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1226WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/27/2024
 Supervised By :Mahesh Dadoda 12/27/2024

Quant Time: Dec 27 00:42:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	23272	15.624	ug/l	98
42) 1,2-Dichloroethane	8.671	62	50216	16.727	ug/l	97
43) Isopropyl Acetate	8.682	43	76621	14.335	ug/l	97
44) Trichloroethene	9.347	130	33968	19.358	ug/l	96
45) 1,2-Dichloropropane	9.618	63	36059	18.478	ug/l	98
46) Dibromomethane	9.706	93	25085	18.007	ug/l	97
47) Bromodichloromethane	9.882	83	53354	17.876	ug/l #	96
48) Methyl methacrylate	9.677	41	33274	15.186	ug/l	94
49) 1,4-Dioxane	9.688	88	10148	293.754	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	210852	75.078	ug/l	98
52) Toluene	10.624	92	89504	18.886	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	54107	18.598	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	57636	18.633	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	31688	17.857	ug/l	94
56) Ethyl methacrylate	10.871	69	48550	15.982	ug/l	99
57) 1,3-Dichloropropane	11.159	76	56604	18.124	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	126138	89.440	ug/l	100
59) 2-Hexanone	11.188	43	149924	74.889	ug/l	98
60) Dibromochloromethane	11.359	129	37192	17.685	ug/l	99
61) 1,2-Dibromoethane	11.465	107	30971	16.945	ug/l	99
64) Tetrachloroethene	11.100	164	29042	19.371	ug/l	93
65) Chlorobenzene	11.888	112	95678	19.104	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	32459	18.577	ug/l	98
67) Ethyl Benzene	11.959	91	165341	19.261	ug/l	100
68) m/p-Xylenes	12.070	106	125137	38.976	ug/l	96
69) o-Xylene	12.394	106	58250	19.302	ug/l	99
70) Styrene	12.406	104	96103	19.076	ug/l	98
71) Bromoform	12.576	173	22009	16.069	ug/l #	98
73) Isopropylbenzene	12.694	105	150755	21.140	ug/l	98
74) N-amyl acetate	12.488	43	60838	17.081	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	43742	17.216	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	35274m	14.969	ug/l	
77) Bromobenzene	12.976	156	34390	18.367	ug/l	98
78) n-propylbenzene	13.029	91	179119	20.481	ug/l	100
79) 2-Chlorotoluene	13.117	91	109223	19.670	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	124254	20.890	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14190	15.990	ug/l	88
82) 4-Chlorotoluene	13.217	91	109685	19.520	ug/l	98
83) tert-Butylbenzene	13.435	119	105006	20.816	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	127091	20.903	ug/l	99
85) sec-Butylbenzene	13.612	105	147081	20.914	ug/l	97
86) p-Isopropyltoluene	13.723	119	123538	19.394	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	63958	18.549	ug/l	97
88) 1,4-Dichlorobenzene	13.806	146	63301	17.743	ug/l	96
89) n-Butylbenzene	14.053	91	106521	20.596	ug/l	100
90) Hexachloroethane	14.329	117	23248	17.995	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	62341	19.439	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	7455	15.300	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	30275	18.442	ug/l	99
94) Hexachlorobutadiene	15.494	225	14534	17.034	ug/l	95
95) Naphthalene	15.635	128	92556	17.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	29283	17.858	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085312.D
Acq On : 26 Dec 2024 12:49
Operator : JC\MD
Sample : VN1226WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

Quant Time: Dec 27 00:42:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

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

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

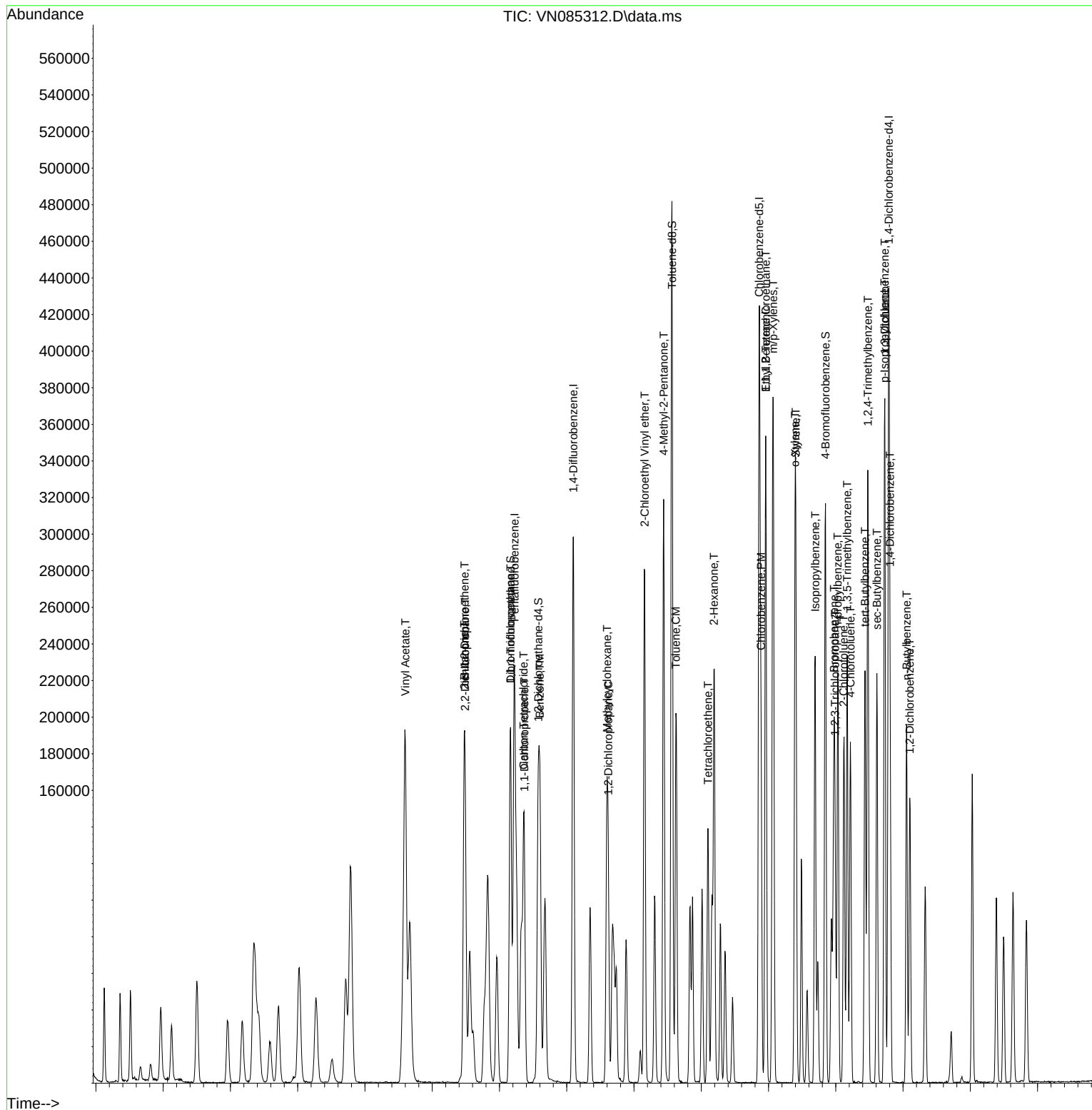

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\  
Data File : VN085312.D  
Acq On    : 26 Dec 2024 12:49  
Operator  : JC\MD  
Sample    : VN1226WBS01  
Misc      : 5.0mL/MSVOA_N/WATER  
ALS Vial  : 5 Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :
VN1226WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/27/2024
Supervised By :Mahesh Dadoda 12/27/2024

Quant Time: Dec 27 00:42:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VN1223WBSD02		SDG No.:	P5371
Lab Sample ID:	VN1223WBSD02		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085302.D	1		12/23/24 18:24	VN122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	16.2		0.21	5.00	ug/L
74-87-3	Chloromethane	17.1		0.35	5.00	ug/L
75-01-4	Vinyl Chloride	21.0		0.34	5.00	ug/L
74-83-9	Bromomethane	19.3		1.40	5.00	ug/L
75-00-3	Chloroethane	20.6		0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	17.2		0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	17.7		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	18.3		0.26	5.00	ug/L
67-64-1	Acetone	69.1		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	15.3		0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.7		0.16	5.00	ug/L
79-20-9	Methyl Acetate	15.4		0.60	5.00	ug/L
75-09-2	Methylene Chloride	17.6		0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.2		0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	17.3		0.23	5.00	ug/L
110-82-7	Cyclohexane	17.0		1.60	5.00	ug/L
78-93-3	2-Butanone	72.0		1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	15.7		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.9		0.25	5.00	ug/L
74-97-5	Bromochloromethane	18.6		0.18	5.00	ug/L
67-66-3	Chloroform	16.2		0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	16.4		0.19	5.00	ug/L
108-87-2	Methylcyclohexane	19.0		0.19	5.00	ug/L
71-43-2	Benzene	17.2		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	16.2		0.24	5.00	ug/L
79-01-6	Trichloroethene	17.8		0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	16.9		0.19	5.00	ug/L
75-27-4	Bromodichloromethane	16.4		0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	74.5		0.75	25.0	ug/L
108-88-3	Toluene	17.7		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VN1223WBSD02	SDG No.:	P5371
Lab Sample ID:	VN1223WBSD02	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085302.D	1		12/23/24 18:24	VN122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.0		0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.3		0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	17.1		0.21	5.00	ug/L
591-78-6	2-Hexanone	73.6		1.10	25.0	ug/L
124-48-1	Dibromochloromethane	16.6		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	16.6		0.16	5.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.25	5.00	ug/L
108-90-7	Chlorobenzene	18.4		0.13	5.00	ug/L
100-41-4	Ethyl Benzene	19.0		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	38.1		0.31	10.0	ug/L
95-47-6	o-Xylene	19.1		0.14	5.00	ug/L
100-42-5	Styrene	18.8		0.16	5.00	ug/L
75-25-2	Bromoform	16.3		0.21	5.00	ug/L
98-82-8	Isopropylbenzene	21.5		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	16.6		0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	17.7		0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	16.8		0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.2		0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	16.3		0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.9		0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	16.5		0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.8		70 (74) - 130 (125)	86%	SPK: 50
1868-53-7	Dibromofluoromethane	45.8		70 (75) - 130 (124)	92%	SPK: 50
2037-26-5	Toluene-d8	48.0		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.9		70 (77) - 130 (121)	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	146000	8.218			
540-36-3	1,4-Difluorobenzene	258000	9.094			
3114-55-4	Chlorobenzene-d5	218000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	95200	13.788			

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VN1223WBSD02		SDG No.:	P5371
Lab Sample ID:	VN1223WBSD02		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:	RXI-624	ID : 0.25	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085302.D	1		12/23/24 18:24	VN122324

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_N\Data\VN122324\
 Data File : VN085302.D
 Acq On : 23 Dec 2024 18:24
 Operator : JC\MD
 Sample : VN1223WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:15:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	146303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	258425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	217793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95165	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	109345	42.760	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.520%
35) Dibromofluoromethane	8.159	113	83141	45.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.520%
50) Toluene-d8	10.559	98	318974	48.034	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.847	95	101784	42.913	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.820%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	37827	16.230	ug/l	94
3) Chloromethane	2.359	50	38065	17.134	ug/l	95
4) Vinyl Chloride	2.512	62	43774	21.030	ug/l	98
5) Bromomethane	2.965	94	26383	19.322	ug/l	98
6) Chloroethane	3.124	64	26998	20.646	ug/l	97
7) Trichlorofluoromethane	3.500	101	57655	17.153	ug/l	99
8) Diethyl Ether	3.959	74	19579	18.545	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	31959	17.728	ug/l	98
10) Methyl Iodide	4.589	142	37593	18.289	ug/l #	88
11) Tert butyl alcohol	5.512	59	23070	64.947	ug/l	98
12) 1,1-Dichloroethene	4.342	96	30602	18.326	ug/l	86
13) Acrolein	4.177	56	49789	121.715	ug/l	96
14) Allyl chloride	5.024	41	47828	16.538	ug/l	97
15) Acrylonitrile	5.712	53	72142	74.566	ug/l	97
16) Acetone	4.424	43	60966	69.069	ug/l	100
17) Carbon Disulfide	4.718	76	87042	15.274	ug/l	99
18) Methyl Acetate	5.018	43	38570	15.435	ug/l	93
19) Methyl tert-butyl Ether	5.789	73	101567	17.745	ug/l	99
20) Methylene Chloride	5.277	84	33979	17.598	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	31692	17.214	ug/l	86
22) Diisopropyl ether	6.665	45	106648	17.287	ug/l #	96
23) Vinyl Acetate	6.600	43	381713	80.072	ug/l	97
24) 1,1-Dichloroethane	6.571	63	61656	17.253	ug/l	98
25) 2-Butanone	7.477	43	97280	71.967	ug/l	100
26) 2,2-Dichloropropane	7.483	77	55248	16.695	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	38310	17.872	ug/l	94
28) Bromochloromethane	7.812	49	33479	18.576	ug/l	96
29) Tetrahydrofuran	7.835	42	64199	73.677	ug/l	95
30) Chloroform	7.959	83	61891	16.217	ug/l	98
31) Cyclohexane	8.253	56	56364	17.037	ug/l #	90
32) 1,1,1-Trichloroethane	8.165	97	55653	16.361	ug/l	95
36) 1,1-Dichloropropene	8.371	75	45054	17.809	ug/l	98
37) Ethyl Acetate	7.553	43	43925	15.050	ug/l	98
38) Carbon Tetrachloride	8.359	117	47975	15.684	ug/l	96
39) Methylcyclohexane	9.600	83	50061	19.016	ug/l	88
40) Benzene	8.600	78	135415	17.206	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085302.D
 Acq On : 23 Dec 2024 18:24
 Operator : JC\MD
 Sample : VN1223WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1223WBSD02

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:15:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23266	15.642	ug/l	98
42) 1,2-Dichloroethane	8.665	62	48570	16.202	ug/l	99
43) Isopropyl Acetate	8.682	43	72730	13.626	ug/l	95
44) Trichloroethene	9.347	130	31205	17.809	ug/l	93
45) 1,2-Dichloropropane	9.618	63	32901	16.884	ug/l	100
46) Dibromomethane	9.700	93	23545	16.925	ug/l	96
47) Bromodichloromethane	9.882	83	48746	16.355	ug/l	99
48) Methyl methacrylate	9.677	41	32988	15.077	ug/l	96
49) 1,4-Dioxane	9.688	88	9822	284.721	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	209032	74.535	ug/l	98
52) Toluene	10.624	92	83610	17.668	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	49501	17.039	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	53310	17.259	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	30321	17.111	ug/l	95
56) Ethyl methacrylate	10.871	69	47226	15.627	ug/l	97
57) 1,3-Dichloropropane	11.159	76	52689	16.894	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	122531	87.427	ug/l	99
59) 2-Hexanone	11.194	43	147125	73.595	ug/l	97
60) Dibromochloromethane	11.353	129	34933	16.634	ug/l	98
61) 1,2-Dibromoethane	11.465	107	30261	16.580	ug/l	98
64) Tetrachloroethene	11.100	164	28337	19.335	ug/l	97
65) Chlorobenzene	11.888	112	90164	18.417	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	30317	17.750	ug/l	99
67) Ethyl Benzene	11.959	91	159759	19.039	ug/l	98
68) m/p-Xylenes	12.065	106	119468	38.066	ug/l	96
69) o-Xylene	12.394	106	56329	19.095	ug/l	98
70) Styrene	12.406	104	92529	18.789	ug/l	98
71) Bromoform	12.576	173	21774	16.263	ug/l #	97
73) Isopropylbenzene	12.688	105	147269	21.452	ug/l	98
74) N-amyl acetate	12.488	43	62445	18.212	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	40584	16.592	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	36622m	16.144	ug/l	
77) Bromobenzene	12.976	156	32370	17.959	ug/l	98
78) n-propylbenzene	13.029	91	165997	19.716	ug/l	99
79) 2-Chlorotoluene	13.123	91	103005	19.269	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	118173	20.638	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14677	17.180	ug/l	92
82) 4-Chlorotoluene	13.217	91	100187	18.521	ug/l	99
83) tert-Butylbenzene	13.435	119	102580	21.124	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	118825	20.301	ug/l	100
85) sec-Butylbenzene	13.612	105	140382	20.736	ug/l	100
86) p-Isopropyltoluene	13.723	119	117179	19.138	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	58601	17.654	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	57557	16.758	ug/l	97
89) n-Butylbenzene	14.053	91	101972	20.481	ug/l	98
90) Hexachloroethane	14.329	117	20850	16.765	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	56225	18.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	7630	16.266	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	28282	17.896	ug/l	99
94) Hexachlorobutadiene	15.500	225	12133	14.772	ug/l	93
95) Naphthalene	15.635	128	297260	56.799	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	26011	16.478	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085302.D
Acq On : 23 Dec 2024 18:24
Operator : JC\MD
Sample : VN1223WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:15:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

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

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

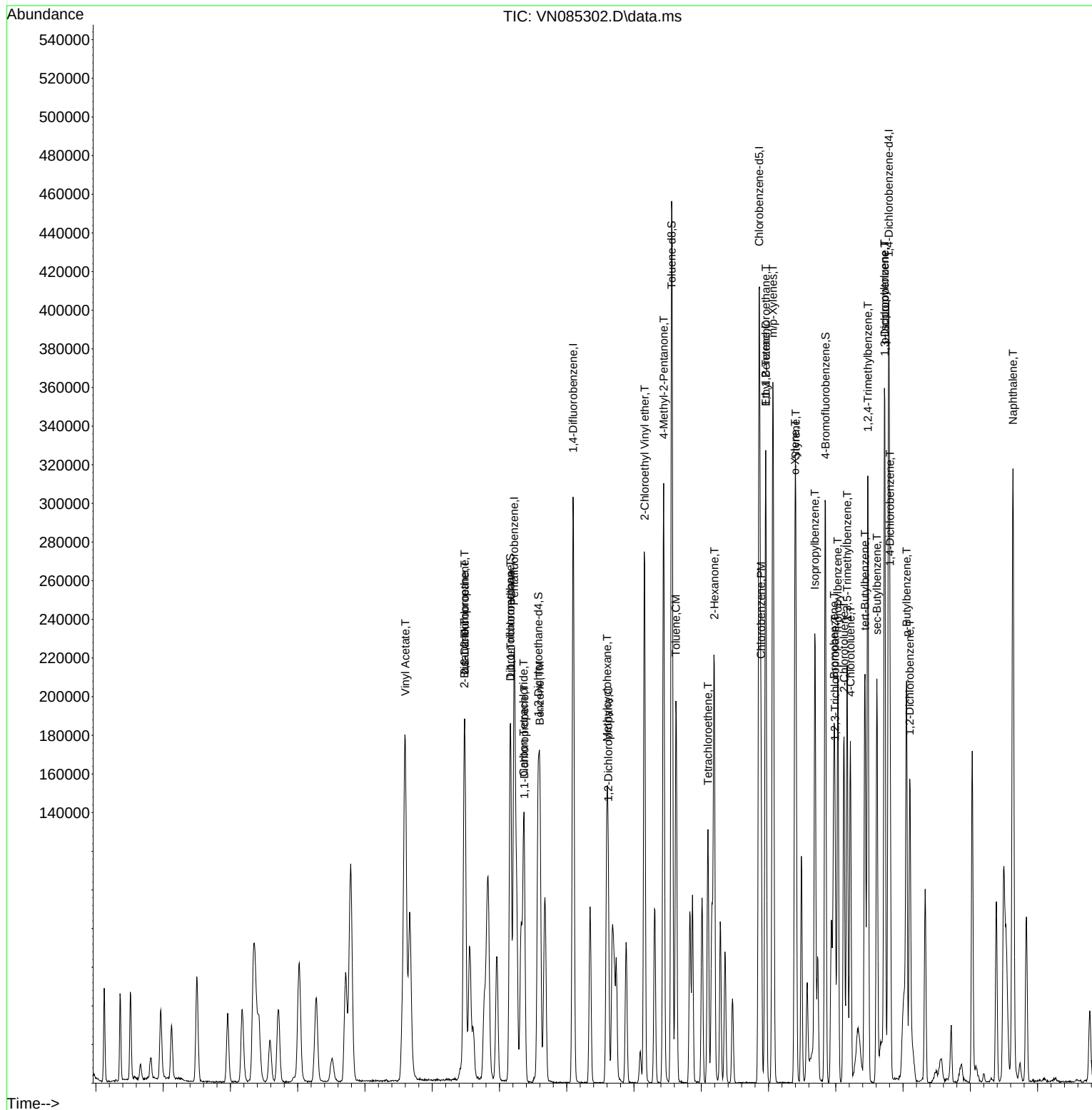
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\  
Data File : VN085302.D  
Acq On    : 23 Dec 2024   18:24  
Operator  : JC\MD  
Sample    : VN1223WBSD02  
Misc      : 5.0mL/MSVOA_N/WATER  
ALS Vial  : 18   Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :
VN1223WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:15:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



Manual Integration Report

Sequence:	VN121824	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN085245.D	1,2,3-Trichloropropane	JOHN	12/20/2024 10:05:01 AM	MMDadoda	12/20/2024 10:50:28 AM	Peak Integrated by Software
VSTDICCC050	VN085246.D	1,2,3-Trichloropropane	JOHN	12/20/2024 10:05:06 AM	MMDadoda	12/20/2024 10:50:26 AM	Peak Integrated by Software
VSTDICC010	VN085248.D	1,2,3-Trichloropropane	JOHN	12/20/2024 10:05:12 AM	MMDadoda	12/20/2024 10:50:24 AM	Peak Integrated by Software
VSTDICC010	VN085248.D	Allyl chloride	JOHN	12/20/2024 10:05:12 AM	MMDadoda	12/20/2024 10:50:24 AM	Peak Integrated by Software
VSTDICC005	VN085249.D	1,2,3-Trichloropropane	JOHN	12/20/2024 10:05:17 AM	MMDadoda	12/20/2024 10:50:22 AM	Peak Integrated by Software
VSTDICC005	VN085249.D	Allyl chloride	JOHN	12/20/2024 10:05:17 AM	MMDadoda	12/20/2024 10:50:22 AM	Peak Integrated by Software
VSTDICC001	VN085250.D	1,2,3-Trichloropropane	JOHN	12/20/2024 10:05:22 AM	MMDadoda	12/20/2024 10:50:20 AM	Peak Integrated by Software
VSTDICC001	VN085250.D	1,4-Dichlorobenzene	JOHN	12/20/2024 10:05:22 AM	MMDadoda	12/20/2024 10:50:20 AM	Peak Integrated by Software
VSTDICV050	VN085252.D	1,2,3-Trichloropropane	JOHN	12/20/2024 10:05:26 AM	MMDadoda	12/20/2024 10:50:12 AM	Peak Integrated by Software
VSTDCCC050	VN085262.D	1,2,3-Trichloropropane	JOHN	12/20/2024 10:05:47 AM	MMDadoda	12/20/2024 10:49:36 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

VN122324

Instrument

MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN085286.D	1,2,3-Trichloropropane	JOHN	12/26/2024 9:20:54 AM	MMDadoda	12/26/2024 12:31:03 PM	Peak Integrated by Software
VN1223WBS02	VN085290.D	1,2,3-Trichloropropane	JOHN	12/26/2024 9:21:02 AM	MMDadoda	12/26/2024 12:31:06 PM	Peak Integrated by Software
P5371-02	VN085294.D	Naphthalene	JOHN	12/26/2024 9:21:11 AM	MMDadoda	12/26/2024 12:31:10 PM	Peak Integrated by Software
P5371-03	VN085295.D	Naphthalene	JOHN	12/26/2024 9:21:15 AM	MMDadoda	12/26/2024 12:31:11 PM	Peak Integrated by Software
VN1223WBSD0 2	VN085302.D	1,2,3-Trichloropropane	JOHN	12/26/2024 9:21:20 AM	MMDadoda	12/26/2024 12:31:13 PM	Peak Integrated by Software
VSTDCCC050	VN085307.D	1,2,3-Trichloropropane	JOHN	12/26/2024 9:21:36 AM	MMDadoda	12/26/2024 12:31:15 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

VN122624

Instrument

MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN085309.D	1,2,3-Trichloropropane	JOHN	12/27/2024 9:13:06 AM	MMDadoda	12/27/2024 9:54:49 AM	Peak Integrated by Software
VN1226WBS01	VN085312.D	1,2,3-Trichloropropane	JOHN	12/27/2024 9:13:11 AM	MMDadoda	12/27/2024 9:54:52 AM	Peak Integrated by Software
VSTDCCC050	VN085319.D	1,2,3-Trichloropropane	JOHN	12/27/2024 9:13:19 AM	MMDadoda	12/27/2024 9:54:55 AM	Peak Integrated by Software

Instrument ID: **MSVOA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # VN121824

Review By	John Carlone	Review On	12/20/2024 10:06:53 AM
Supervise By	Mahesh Dadoda	Supervise On	12/20/2024 10:50:34 AM
SubDirectory	VN121824	HP Acquire Method	HP Processing Method 82N121824W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP132213		
Initial Calibration Stds	VP132219,VP132220,VP132221,VP132222,VP132223,VP132224		
CCC	VP132214,VP132215		
Internal Standard/PEM			
ICV/I.BLK	VP132225		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN085243.D	18 Dec 2024 08:37	JC\MD	Ok
2	VSTDCCC050	VN085244.D	18 Dec 2024 11:23	JC\MD	Not Ok
3	VSTDICC100	VN085245.D	18 Dec 2024 11:56	JC\MD	Ok,M
4	VSTDICCC050	VN085246.D	18 Dec 2024 12:20	JC\MD	Ok,M
5	VSTDICC020	VN085247.D	18 Dec 2024 12:44	JC\MD	Ok
6	VSTDICC010	VN085248.D	18 Dec 2024 13:08	JC\MD	Ok,M
7	VSTDICC005	VN085249.D	18 Dec 2024 13:33	JC\MD	Ok,M
8	VSTDICC001	VN085250.D	18 Dec 2024 13:57	JC\MD	Ok,M
9	IBLK	VN085251.D	18 Dec 2024 14:45	JC\MD	Ok
10	VSTDICV050	VN085252.D	18 Dec 2024 15:28	JC\MD	Ok,M
11	VN1218MBL01	VN085253.D	18 Dec 2024 16:01	JC\MD	Ok
12	VN1218WBL01	VN085254.D	18 Dec 2024 16:26	JC\MD	Ok
13	VN1218WBS01	VN085255.D	18 Dec 2024 16:50	JC\MD	Ok,M
14	VN1218WBSD01	VN085256.D	18 Dec 2024 17:32	JC\MD	Ok,M
15	P5291-05DL	VN085257.D	18 Dec 2024 17:56	JC\MD	Ok,M
16	P5291-07DL	VN085258.D	18 Dec 2024 18:20	JC\MD	Ok
17	P5291-10DL	VN085259.D	18 Dec 2024 18:44	JC\MD	Ok
18	P5291-06DL	VN085260.D	18 Dec 2024 19:09	JC\MD	Ok,M
19	P5291-11	VN085261.D	18 Dec 2024 19:33	JC\MD	Ok
20	VSTDCCC050	VN085262.D	18 Dec 2024 19:57	JC\MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # VN122324

Review By	John Carlone	Review On	12/26/2024 9:36:08 AM
Supervise By	Maresh Dadoda	Supervise On	12/26/2024 12:31:21 PM
SubDirectory	VN122324	HP Acquire Method	HP Processing Method 82N121824W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP132284		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP132285,VP132286		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN085285.D	23 Dec 2024 10:14	JC\MD	Ok
2	VSTDCCC050	VN085286.D	23 Dec 2024 11:25	JC\MD	Ok,M
3	VN1223MBL01	VN085287.D	23 Dec 2024 12:02	JC\MD	Ok
4	VN1223WBL01	VN085288.D	23 Dec 2024 12:26	JC\MD	Ok
5	VN1223WBS01	VN085289.D	23 Dec 2024 12:49	JC\MD	Not Ok
6	VN1223WBS02	VN085290.D	23 Dec 2024 13:29	JC\MD	Ok,M
7	VN1223WBSD01	VN085291.D	23 Dec 2024 14:03	JC\MD	Not Ok
8	PB165799TB	VN085292.D	23 Dec 2024 14:26	JC\MD	Ok
9	P5371-01	VN085293.D	23 Dec 2024 14:50	JC\MD	Dilution
10	P5371-02	VN085294.D	23 Dec 2024 15:14	JC\MD	Dilution
11	P5371-03	VN085295.D	23 Dec 2024 15:37	JC\MD	Dilution
12	P5371-04	VN085296.D	23 Dec 2024 16:01	JC\MD	Dilution
13	P5371-05	VN085297.D	23 Dec 2024 16:25	JC\MD	Dilution
14	P5371-06	VN085298.D	23 Dec 2024 16:49	JC\MD	ReRun
15	P5371-07	VN085299.D	23 Dec 2024 17:13	JC\MD	ReRun
16	P5371-08	VN085300.D	23 Dec 2024 17:36	JC\MD	ReRun
17	P5371-09	VN085301.D	23 Dec 2024 18:00	JC\MD	ReRun
18	VN1223WBSD02	VN085302.D	23 Dec 2024 18:24	JC\MD	Ok,M
19	P5371-01DL	VN085303.D	23 Dec 2024 18:47	JC\MD	Ok
20	P5371-02DL	VN085304.D	23 Dec 2024 19:11	JC\MD	Ok
21	P5371-03DL	VN085305.D	23 Dec 2024 19:35	JC\MD	Ok

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN122324

Review By	John Carlone	Review On	12/26/2024 9:36:08 AM
Supervise By	Mahesh Dadoda	Supervise On	12/26/2024 12:31:21 PM
SubDirectory	VN122324	HP Acquire Method	HP Processing Method 82N121824W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP132284		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP132285,VP132286		

22	P5371-04DL	VN085306.D	23 Dec 2024 19:59	JC\MD	Ok
23	VSTDCCC050	VN085307.D	23 Dec 2024 20:23	JC\MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # VN122624

Review By	John Carlone	Review On	12/27/2024 9:28:34 AM
Supervise By	Maresh Dadoda	Supervise On	12/27/2024 9:54:46 AM
SubDirectory	VN122624	HP Acquire Method	HP Processing Method 82N121824W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP132307		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP132308,VP132309		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN085308.D	26 Dec 2024 08:41	JC\MD	Ok
2	VSTDCCC050	VN085309.D	26 Dec 2024 10:10	JC\MD	Ok,M
3	VN1226MBL01	VN085310.D	26 Dec 2024 10:49	JC\MD	Ok
4	VN1226WBL01	VN085311.D	26 Dec 2024 11:13	JC\MD	Ok
5	VN1226WBS01	VN085312.D	26 Dec 2024 12:49	JC\MD	Ok,M
6	VN1226WBSD01	VN085313.D	26 Dec 2024 13:25	JC\MD	Ok,M
7	P5371-05DL	VN085314.D	26 Dec 2024 13:49	JC\MD	Ok
8	P5371-06RE	VN085315.D	26 Dec 2024 14:12	JC\MD	Confirms
9	P5371-07RE	VN085316.D	26 Dec 2024 14:36	JC\MD	Confirms
10	P5371-08RE	VN085317.D	26 Dec 2024 15:00	JC\MD	Confirms
11	P5371-09RE	VN085318.D	26 Dec 2024 15:24	JC\MD	Confirms
12	VSTDCCC050	VN085319.D	26 Dec 2024 16:04	JC\MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN121824

Review By	John Carlone	Review On	12/20/2024 10:06:53 AM
Supervise By	Maresh Dadoda	Supervise On	12/20/2024 10:50:34 AM
SubDirectory	VN121824	HP Acquire Method	HP Processing Method 82N121824W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132213
Initial Calibration Stds	VP132219,VP132220,VP132221,VP132222,VP132223,VP132224
CCC	VP132214,VP132215
Internal Standard/PEM	
ICV/I.BLK	VP132225
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN085243.D	18 Dec 2024 08:37		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN085244.D	18 Dec 2024 11:23	Need ICAL	JC\MD	Not Ok
3	VSTDICC100	VSTDICC100	VN085245.D	18 Dec 2024 11:56		JC\MD	Ok,M
4	VSTDICCC050	VSTDICCC050	VN085246.D	18 Dec 2024 12:20		JC\MD	Ok,M
5	VSTDICC020	VSTDICC020	VN085247.D	18 Dec 2024 12:44	Comp.#6,56,58,86 is on Linear Regression	JC\MD	Ok
6	VSTDICC010	VSTDICC010	VN085248.D	18 Dec 2024 13:08		JC\MD	Ok,M
7	VSTDICC005	VSTDICC005	VN085249.D	18 Dec 2024 13:33		JC\MD	Ok,M
8	VSTDICC001	VSTDICC001	VN085250.D	18 Dec 2024 13:57		JC\MD	Ok,M
9	IBLK	IBLK	VN085251.D	18 Dec 2024 14:45		JC\MD	Ok
10	VSTDICV050	ICVVN121824	VN085252.D	18 Dec 2024 15:28		JC\MD	Ok,M
11	VN1218MBL01	VN1218MBL01	VN085253.D	18 Dec 2024 16:01		JC\MD	Ok
12	VN1218WBL01	VN1218WBL01	VN085254.D	18 Dec 2024 16:26		JC\MD	Ok
13	VN1218WBS01	VN1218WBS01	VN085255.D	18 Dec 2024 16:50		JC\MD	Ok,M
14	VN1218WBSD01	VN1218WBSD01	VN085256.D	18 Dec 2024 17:32		JC\MD	Ok,M
15	P5291-05DL	MW2-20241213DL	VN085257.D	18 Dec 2024 17:56	vial B pH<2	JC\MD	Ok,M
16	P5291-07DL	MW6-20241213DL	VN085258.D	18 Dec 2024 18:20	vial B pH<2	JC\MD	Ok
17	P5291-10DL	MW6-20241213-ADL	VN085259.D	18 Dec 2024 18:44	vial B pH<2	JC\MD	Ok

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN121824

Review By	John Carlone	Review On	12/20/2024 10:06:53 AM
Supervise By	Mahesh Dadoda	Supervise On	12/20/2024 10:50:34 AM
SubDirectory	VN121824	HP Acquire Method	HP Processing Method 82N121824W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP132213		
Initial Calibration Stds	VP132219,VP132220,VP132221,VP132222,VP132223,VP132224		
CCC	VP132214,VP132215		
Internal Standard/PEM			
ICV/I.BLK	VP132225		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	P5291-06DL	MW3-20241213DL	VN085260.D	18 Dec 2024 19:09	vial B pH<2	JC\MD	Ok,M
19	P5291-11	EQUIP-BLANK-202412	VN085261.D	18 Dec 2024 19:33	vial B pH<2	JC\MD	Ok
20	VSTDCCC050	VSTDCCC050EC	VN085262.D	18 Dec 2024 19:57		JC\MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN122324

Review By	John Carlone	Review On	12/26/2024 9:36:08 AM
Supervise By	Maresh Dadoda	Supervise On	12/26/2024 12:31:21 PM
SubDirectory	VN122324	HP Acquire Method	HP Processing Method 82N121824W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP132284
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP132285,VP132286

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN085285.D	23 Dec 2024 10:14		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN085286.D	23 Dec 2024 11:25	V13516	JC\MD	Ok,M
3	VN1223MBL01	VN1223MBL01	VN085287.D	23 Dec 2024 12:02		JC\MD	Ok
4	VN1223WBL01	VN1223WBL01	VN085288.D	23 Dec 2024 12:26		JC\MD	Ok
5	VN1223WBS01	VN1223WBS01	VN085289.D	23 Dec 2024 12:49	Not req.	JC\MD	Not Ok
6	VN1223WBS02	VN1223WBS02	VN085290.D	23 Dec 2024 13:29		JC\MD	Ok,M
7	VN1223WBSD01	VN1223WBSD01	VN085291.D	23 Dec 2024 14:03	Not req.	JC\MD	Not Ok
8	PB165799TB	PB165799TB	VN085292.D	23 Dec 2024 14:26		JC\MD	Ok
9	P5371-01	SPLP-C10-1-M	VN085293.D	23 Dec 2024 14:50	vial A pH#6.0 Need 4X	JC\MD	Dilution
10	P5371-02	SPLP-C10-2-M	VN085294.D	23 Dec 2024 15:14	vial A pH#6.0 Need 10X	JC\MD	Dilution
11	P5371-03	SPLP-C10-3-M	VN085295.D	23 Dec 2024 15:37	vial A pH#6.0 Need 20X	JC\MD	Dilution
12	P5371-04	SPLP-C11-1-M	VN085296.D	23 Dec 2024 16:01	vial A pH#6.0 Need 4X	JC\MD	Dilution
13	P5371-05	SPLP-C11-2-M	VN085297.D	23 Dec 2024 16:25	vial A pH#6.0 Need 10X	JC\MD	Dilution
14	P5371-06	SPLP-C11-3-M	VN085298.D	23 Dec 2024 16:49	vial A pH#6.0 Surrogate Fail	JC\MD	ReRun
15	P5371-07	SPLP-C12-1-M	VN085299.D	23 Dec 2024 17:13	vial A pH#6.0 Surrogate Fail	JC\MD	ReRun
16	P5371-08	SPLP-C12-2-M	VN085300.D	23 Dec 2024 17:36	vial A pH#6.0 Surrogate Fail	JC\MD	ReRun
17	P5371-09	SPLP-C12-3-M	VN085301.D	23 Dec 2024 18:00	vial A pH#6.0 Surrogate Fail	JC\MD	ReRun
18	VN1223WBSD02	VN1223WBSD02	VN085302.D	23 Dec 2024 18:24		JC\MD	Ok,M

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN122324

Review By	John Carlone	Review On	12/26/2024 9:36:08 AM
Supervise By	Maresh Dadoda	Supervise On	12/26/2024 12:31:21 PM
SubDirectory	VN122324	HP Acquire Method	HP Processing Method 82N121824W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP132284		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP132285,VP132286		

19	P5371-01DL	SPLP-C10-1-MDL	VN085303.D	23 Dec 2024 18:47	vial B pH#6.0	JC\MD	Ok
20	P5371-02DL	SPLP-C10-2-MDL	VN085304.D	23 Dec 2024 19:11	vial B pH#6.0	JC\MD	Ok
21	P5371-03DL	SPLP-C10-3-MDL	VN085305.D	23 Dec 2024 19:35	vial B pH#6.0	JC\MD	Ok
22	P5371-04DL	SPLP-C11-1-MDL	VN085306.D	23 Dec 2024 19:59	vial B pH#6.0	JC\MD	Ok
23	VSTDCCC050	VSTDCCC050EC	VN085307.D	23 Dec 2024 20:23		JC\MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QC Batch ID # VN122624

Review By	John Carlone	Review On	12/27/2024 9:28:34 AM
Supervise By	Maresh Dadoda	Supervise On	12/27/2024 9:54:46 AM
SubDirectory	VN122624	HP Acquire Method	HP Processing Method 82N121824W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP132307
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP132308,VP132309

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN085308.D	26 Dec 2024 08:41		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN085309.D	26 Dec 2024 10:10	V13516	JC\MD	Ok,M
3	VN1226MBL01	VN1226MBL01	VN085310.D	26 Dec 2024 10:49		JC\MD	Ok
4	VN1226WBL01	VN1226WBL01	VN085311.D	26 Dec 2024 11:13		JC\MD	Ok
5	VN1226WBS01	VN1226WBS01	VN085312.D	26 Dec 2024 12:49		JC\MD	Ok,M
6	VN1226WBSD01	VN1226WBSD01	VN085313.D	26 Dec 2024 13:25		JC\MD	Ok,M
7	P5371-05DL	SPLP-C11-2-MDL	VN085314.D	26 Dec 2024 13:49	vial B pH#6.0	JC\MD	Ok
8	P5371-06RE	SPLP-C11-3-MRE	VN085315.D	26 Dec 2024 14:12	vial B pH#6.0 Surrogate fail	JC\MD	Confirms
9	P5371-07RE	SPLP-C12-1-MRE	VN085316.D	26 Dec 2024 14:36	vial B pH#6.0 Surrogate fail	JC\MD	Confirms
10	P5371-08RE	SPLP-C12-2-MRE	VN085317.D	26 Dec 2024 15:00	vial B pH#6.0 Surrogate fail	JC\MD	Confirms
11	P5371-09RE	SPLP-C12-3-MRE	VN085318.D	26 Dec 2024 15:24	vial B pH#6.0 Surrogate fail	JC\MD	Confirms
12	VSTDCCC050	VSTDCCC050EC	VN085319.D	26 Dec 2024 16:04		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

Alliance Project Number:
COC Number: 2042107

PS371

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
ADDRESS: 999 Oakmont Plaza Drive, Suite 300
CITY: Westmont STATE: IL ZIP: 60559
ATTENTION: Wendy Murray
PHONE: 800-936-8228

DATA TURNAROUND INFORMATION

FAX: 5 DAYS*
HARD COPY: 5 DAYS*
EDD: 5 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ 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

ANALYSIS									
SPLP for VOCs (Modified)	1	2	3	4	5	6	7	8	9

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID PROJECT SAMPLE IDENTIFICATION

SAMPLE MATRIX

SAMPLE TYPE	SAMPLE COLLECTION		# of Bottles
	DATE	TIME	

E	B	E	E	E	E				
1	2	3	4	5	6	7	8	9	

<- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

1.	SPLP-C10-1-M	Soil	X	12/20	11:20	1	X												
2.	SPLP-C10-2-M	Soil	X	12/20	11:20	1	X												
3.	SPLP-C10-3-M	Soil	X	12/20	11:20	1	X												
4.	SPLP-C11-1-M	Soil	X	12/20	11:20	1	X												
5.	SPLP-C11-2-M	Soil	X	12/20	11:20	1	X												
6.	SPLP-C11-3-M	Soil	X	12/20	11:20	1	X												
7.	SPLP-C12-1-M	Soil	X	12/20	11:20	1	X												
8.	SPLP-C12-2-M	Soil	X	12/20	11:20	1	X												
9.	SPLP-C12-3-M	Soil	X	12/20	11:20	1	X												
10.																			

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER

DATE/TIME

RECEIVED BY

1. Jarod Stanfield

DATE/TIME 12/20 10:00

RECEIVED BY 1.

Comments:

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant

☐ Cooler Temp 2.3
☐ Ice in Cooler? Yes

RELINQUISHED BY

DATE/TIME 12-20-24

RECEIVED FOR LAB BY

3.

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SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ 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