

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060877.D
 Acq On : 18 Sep 2024 18:01
 Operator : MD/SY
 Sample : P3952-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 05:16:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 05:11:13 2024
 Response via : Initial Calibration

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

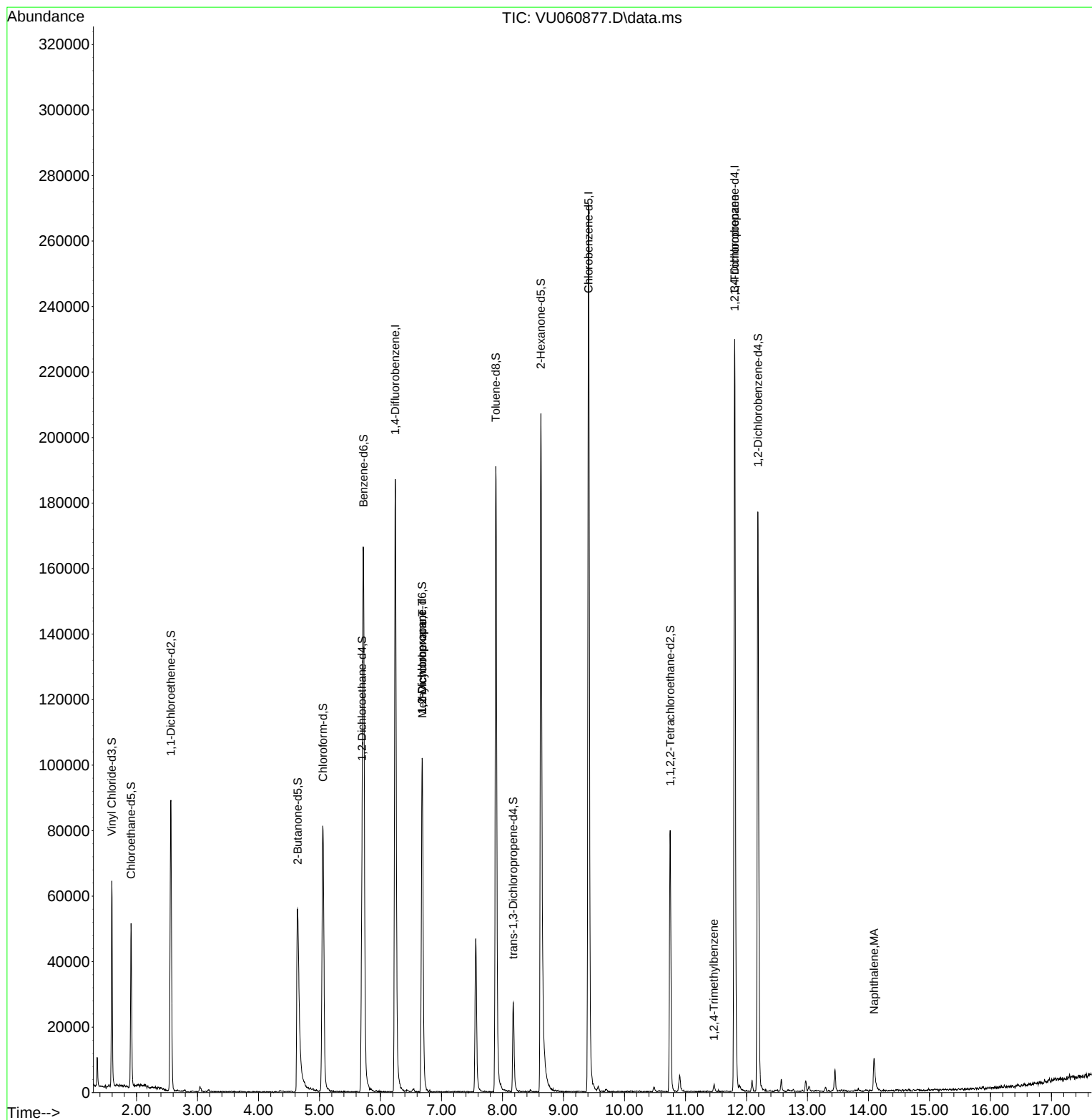
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166268	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	172049	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70699	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43414	2.903	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.000%
7) Chloroethane-d5	1.911	69	36867	3.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.563	65	16925	3.193	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	4.640	46	98227	40.915	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.820%
24) Chloroform-d	5.055	84	84643	3.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	5.698	65	40980	3.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
32) Benzene-d6	5.721	84	170371	3.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.682	67	55883	3.917	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.891	98	141740	3.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	8.174	79	18263	3.556	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.631	63	79299	39.143	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	43450	3.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	52443	4.415	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
35) Methylcyclohexane	6.685	83	13546	0.796	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5286	0.405	ug/L #	93
61) 1,2,3-Trichloropropane	11.804	75	6939	1.052	ug/L #	66
63) 1,2,4-Trimethylbenzene	11.467	105	1829	0.057	ug/L	92
71) Naphthalene	14.090	128	11770	0.804	ug/L	98

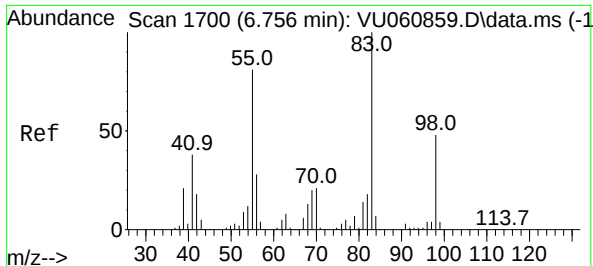
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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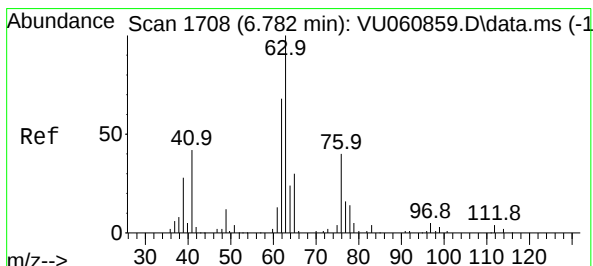
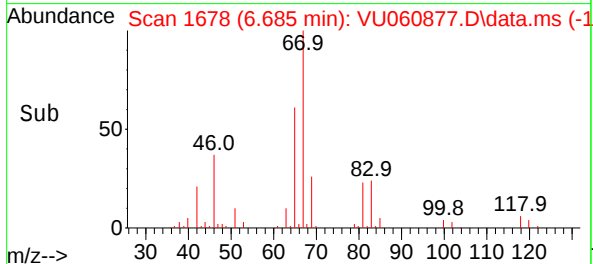
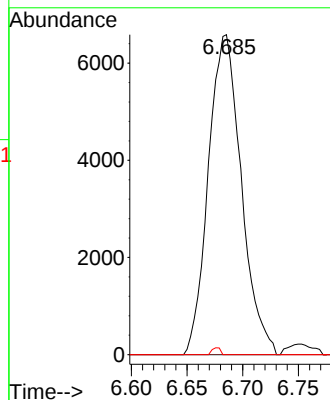
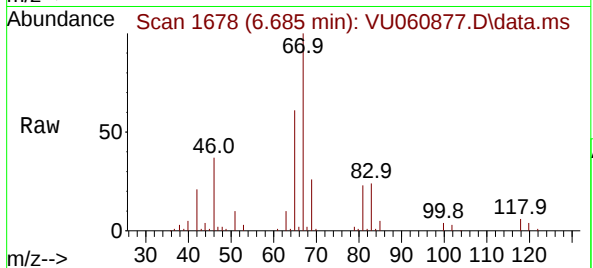




#35
Methylcyclohexane
Concen: 0.796 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU060877.D
Acq: 18 Sep 2024 18:01

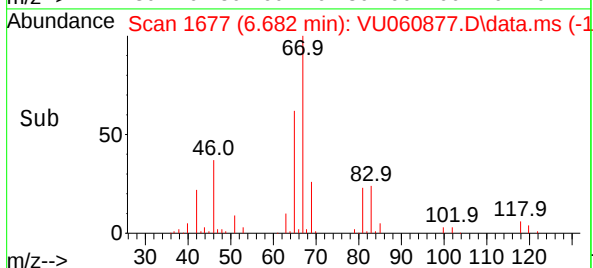
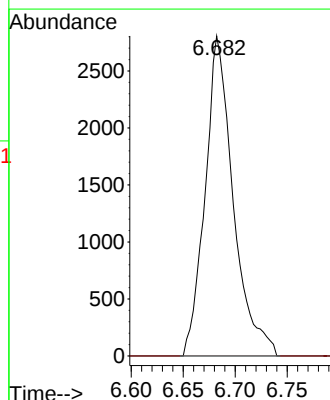
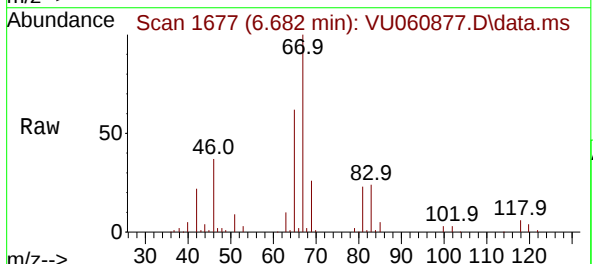
Instrument :
MSVOA_U
ClientSampleId :

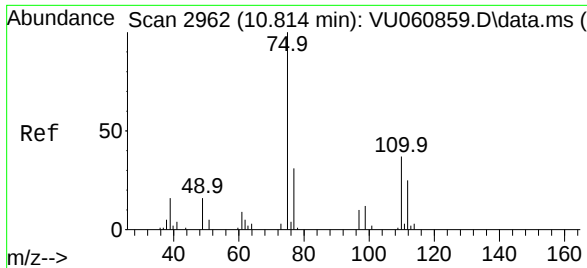
Tgt Ion: 83 Resp: 13546
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.5 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.405 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU060877.D
Acq: 18 Sep 2024 18:01

Tgt Ion: 63 Resp: 5286
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#

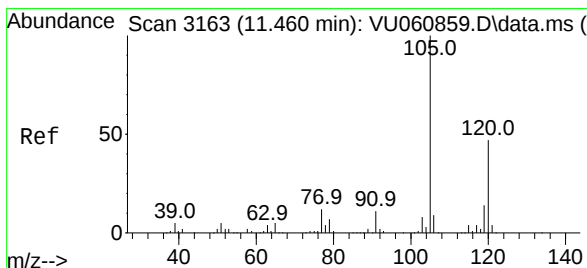
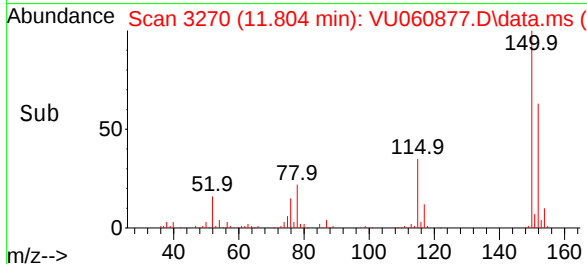
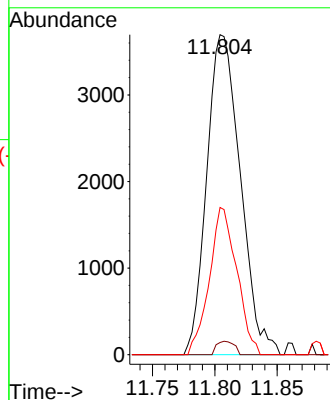
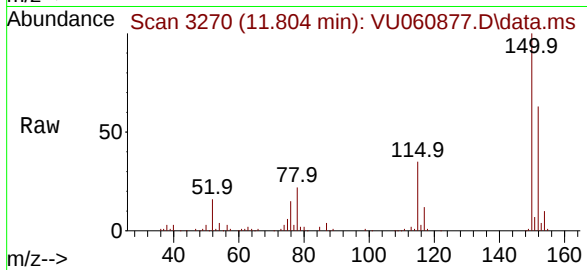




#61
1,2,3-Trichloropropane
Concen: 1.052 ug/L
RT: 11.804 min Scan# 3165
Delta R.T. 0.990 min
Lab File: VU060877.D
Acq: 18 Sep 2024 18:01

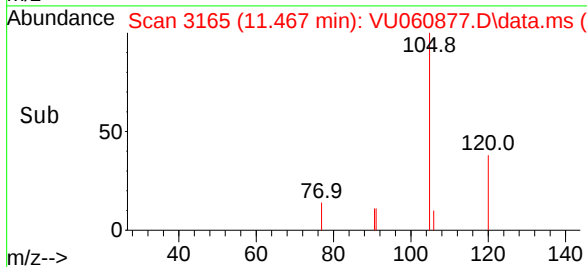
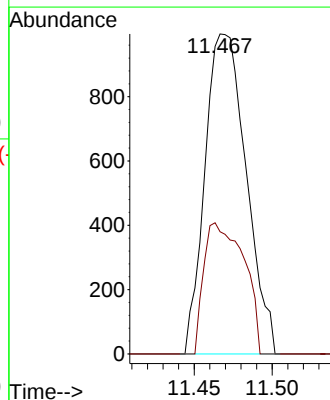
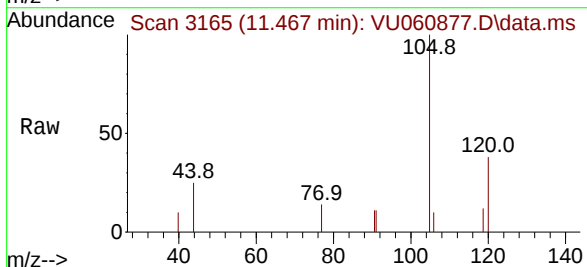
Instrument :
MSVOA_U
ClientSampleId :

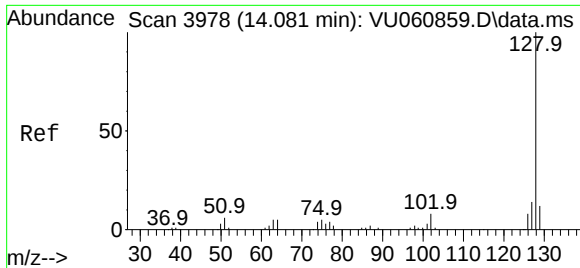
Tgt Ion: 75 Resp: 6939
Ion Ratio Lower Upper
75 100
110 2.2 28.6 43.0#
77 37.6 26.3 39.5



#63
1,2,4-Trimethylbenzene
Concen: 0.057 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU060877.D
Acq: 18 Sep 2024 18:01

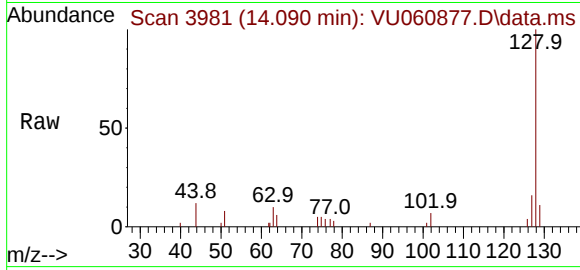
Tgt Ion: 105 Resp: 1829
Ion Ratio Lower Upper
105 100
120 39.7 36.1 54.1





#71
Naphthalene
Concen: 0.804 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.010 min
Lab File: VU060877.D
Acq: 18 Sep 2024 18:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 11770
Ion Ratio Lower Upper
128 100
129 9.2 8.3 12.5
127 13.1 10.7 16.1

