

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055953.D
 Acq On : 28 Oct 2023 04:30
 Operator : MD/SY
 Sample : 05113-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 05:28:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

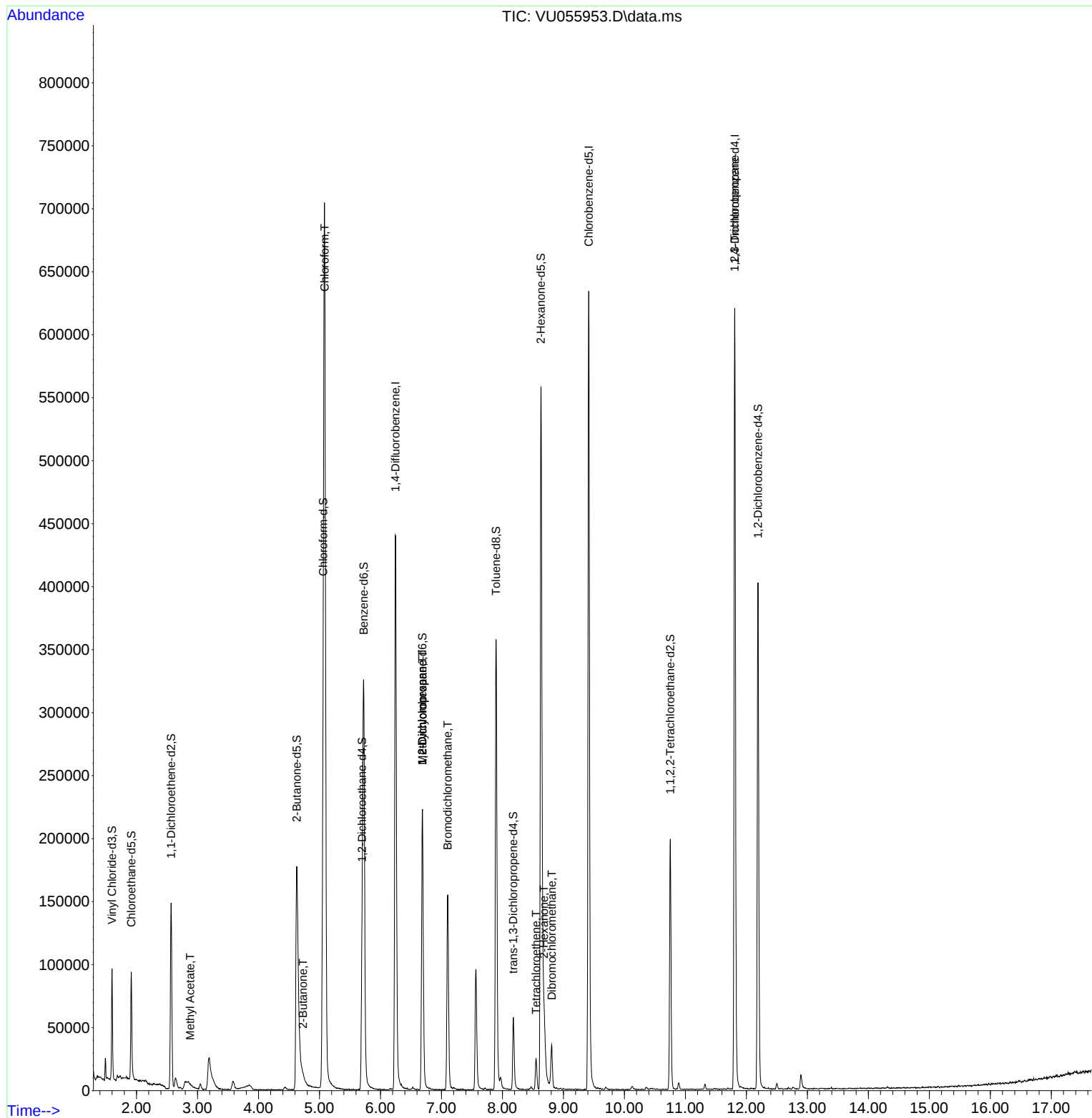
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	382819	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	381273	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	176022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	62191	2.054	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	41.000%	
7) Chloroethane-d5	1.914	69	63790	2.702	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	54.000%#	
11) 1,1-Dichloroethene-d2	2.567	65	28268	2.199	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	44.000%#	
20) 2-Butanone-d5	4.628	46	273200	50.570	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.140%	
24) Chloroform-d	5.062	84	211008	3.760	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.200%	
26) 1,2-Dichloroethane-d4	5.698	65	89712	3.282	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.600%#	
32) Benzene-d6	5.724	84	325145	2.863	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	57.200%#	
36) 1,2-Dichloropropane-d6	6.689	67	113418	3.369	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	67.400%	
41) Toluene-d8	7.894	98	261817	2.541	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	50.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	36693	2.787	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	55.800%	
46) 2-Hexanone-d5	8.631	63	200319	59.928	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	119.860%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102194	4.168	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	114285	3.480	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	69.600%#	
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.882	43	1441	0.230	ug/L #	50
21) 2-Butanone	4.730	43	9415	2.080	ug/L #	54
25) Chloroform	5.084	83	610457	15.242	ug/L	99
35) Methylcyclohexane	6.689	83	26151	0.823	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	12331	0.552	ug/L #	89
38) Bromodichloromethane	7.103	83	107341	3.827	ug/L #	99
47) Tetrachloroethene	8.553	164	5940	0.360	ug/L	91
48) 2-Hexanone	8.682	43	22578	2.666	ug/L #	74
49) Dibromochloromethane	8.807	129	17697	1.026	ug/L	95
61) 1,2,3-Trichloropropane	11.807	75	20090	1.662	ug/L #	65

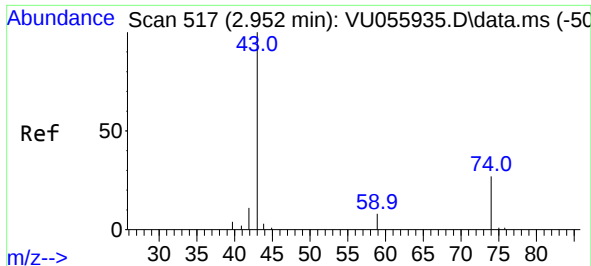
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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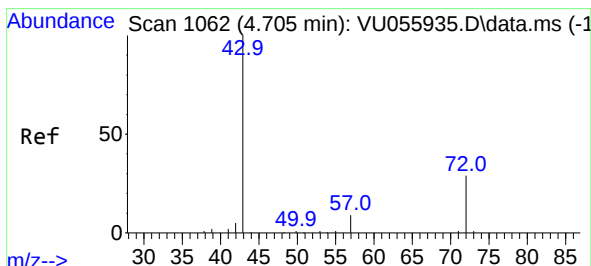
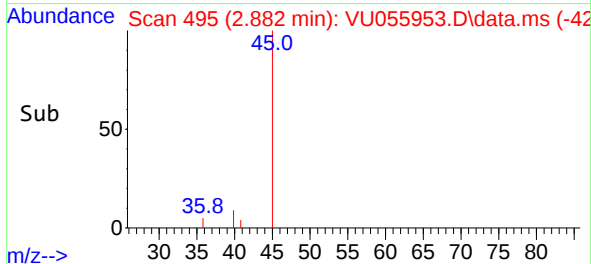
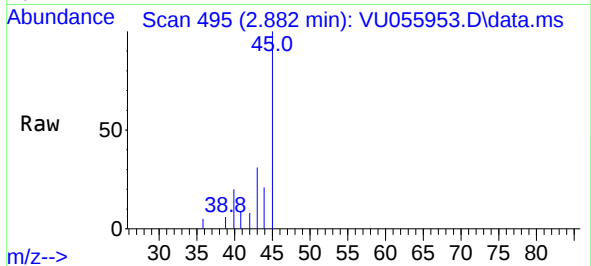




#15
Methyl Acetate
Concen: 0.230 ug/L
RT: 2.882 min Scan# 495
Delta R.T. -0.074 min
Lab File: VU055953.D
Acq: 28 Oct 2023 04:30

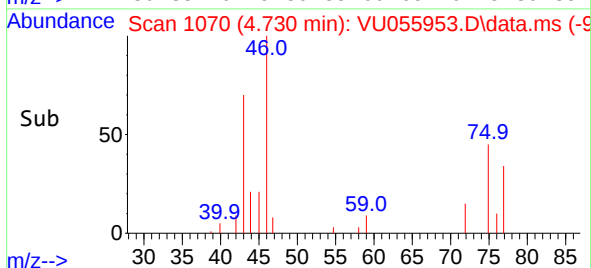
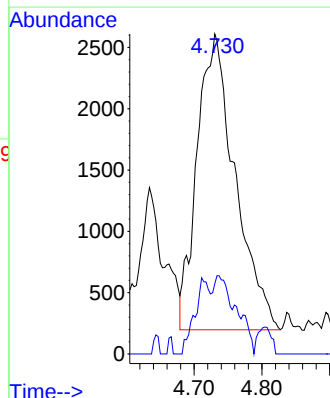
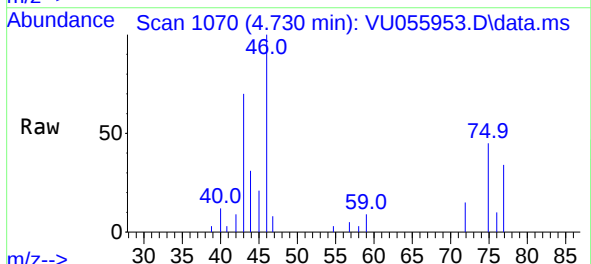
Instrument :
MSVOA_U
ClientSampleId :

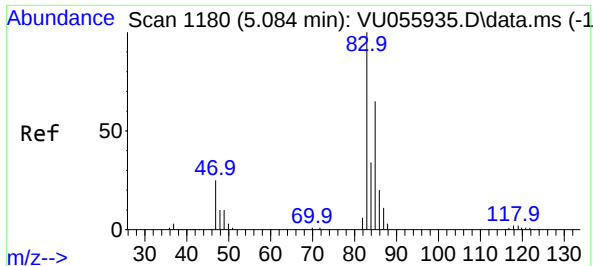
Tgt Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#21
2-Butanone
Concen: 2.080 ug/L
RT: 4.730 min Scan# 1070
Delta R.T. 0.019 min
Lab File: VU055953.D
Acq: 28 Oct 2023 04:30

Tgt Ion: 43 Resp: 9415
Ion Ratio Lower Upper
43 100
72 4.5 14.4 43.4#

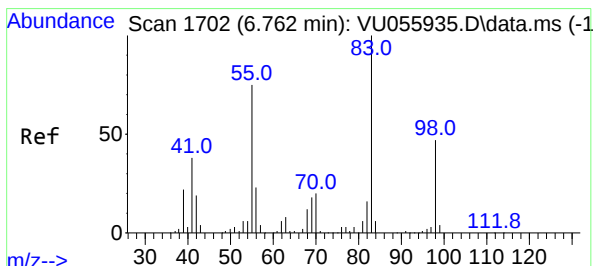
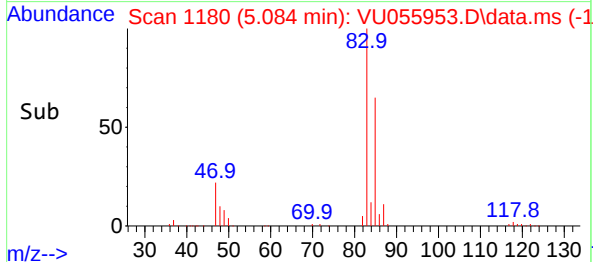
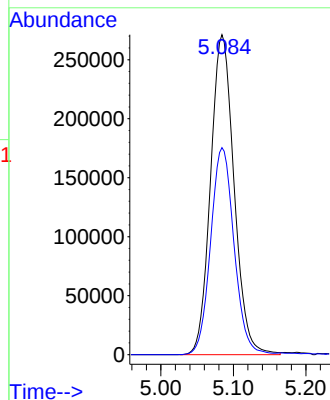
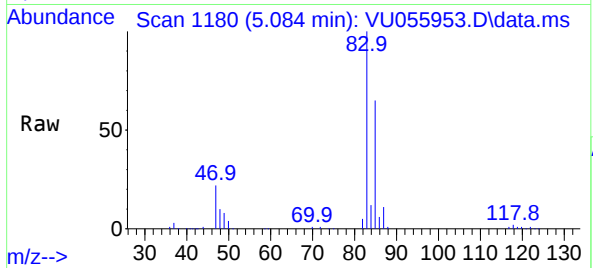




#25
Chloroform
Concen: 15.242 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU055935.D
Acq: 28 Oct 2023 04:30

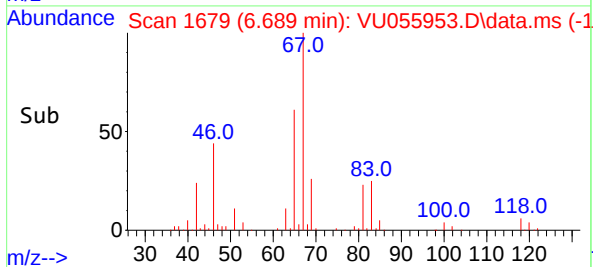
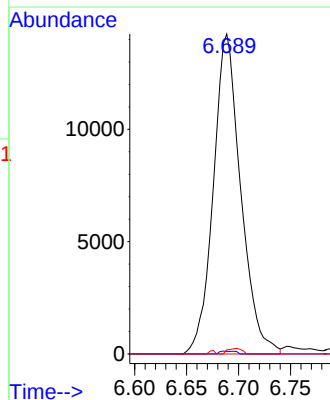
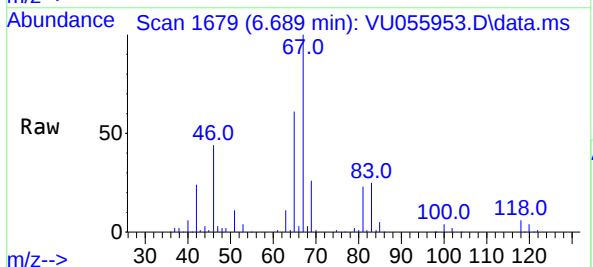
Instrument :
MSVOA_U
ClientSampleId :

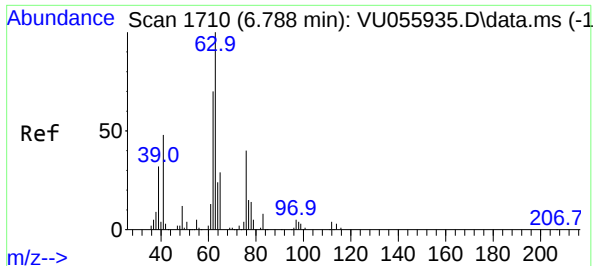
Tgt Ion: 83 Resp: 610457
Ion Ratio Lower Upper
83 100
85 64.7 45.6 84.8



#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055935.D
Acq: 28 Oct 2023 04:30

Tgt Ion: 83 Resp: 26151
Ion Ratio Lower Upper
83 100
55 0.5 62.4 93.6#
98 0.2 37.4 56.2#

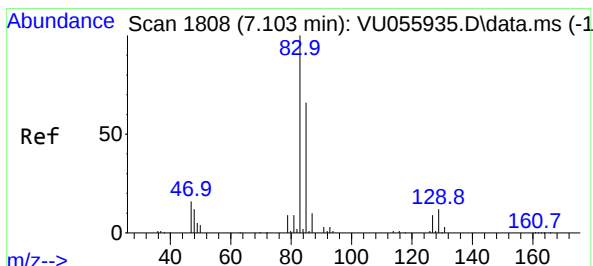
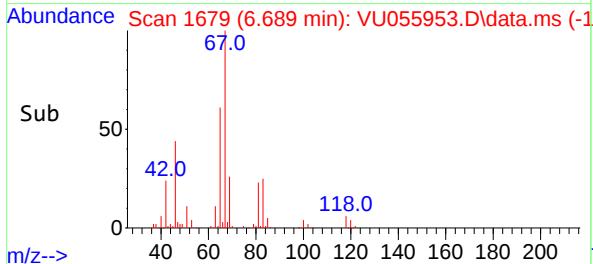
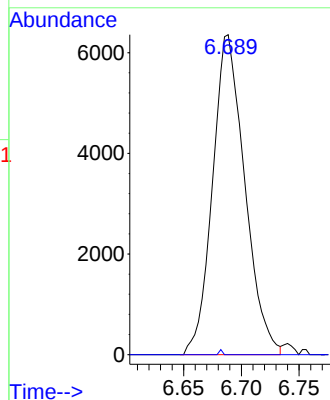
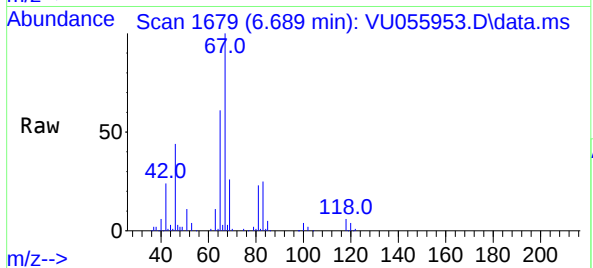




#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU055953.D
Acq: 28 Oct 2023 04:30

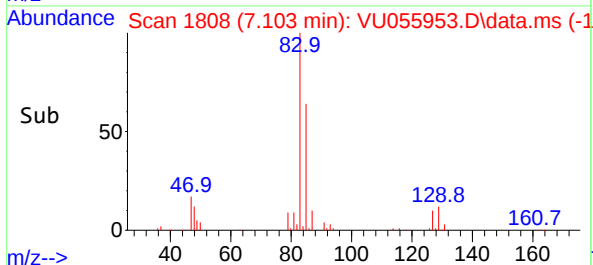
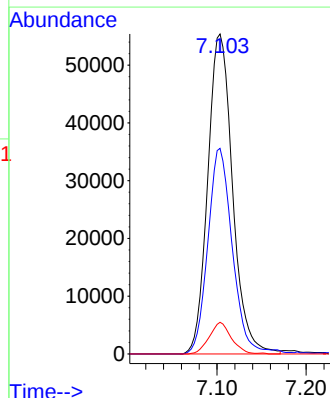
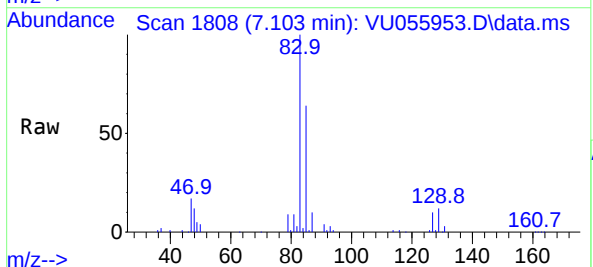
Instrument :
MSVOA_U
ClientSampleId :

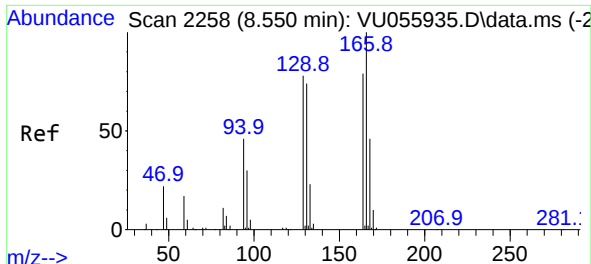
Tgt Ion: 63 Resp: 12331
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#



#38
Bromodichloromethane
Concen: 3.827 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU055953.D
Acq: 28 Oct 2023 04:30

Tgt Ion: 83 Resp: 107341
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.3
127 9.9 6.6 9.8#

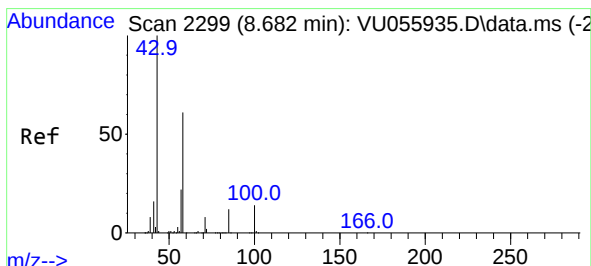
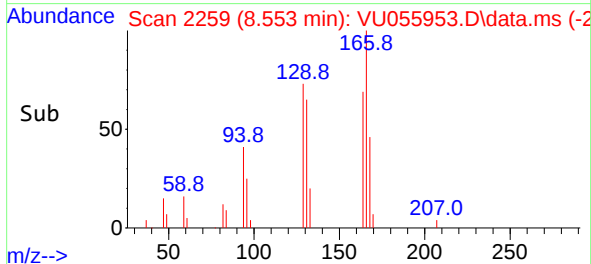
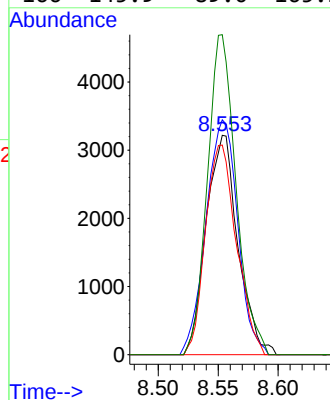
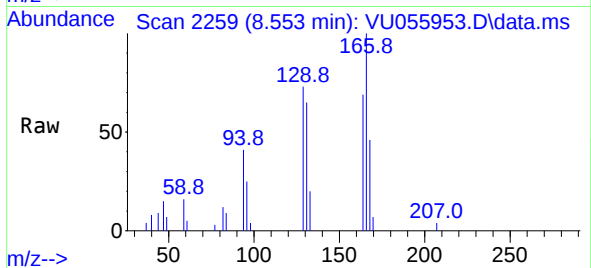




#47
Tetrachloroethene
Concen: 0.360 ug/L
RT: 8.553 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055953.D
Acq: 28 Oct 2023 04:30

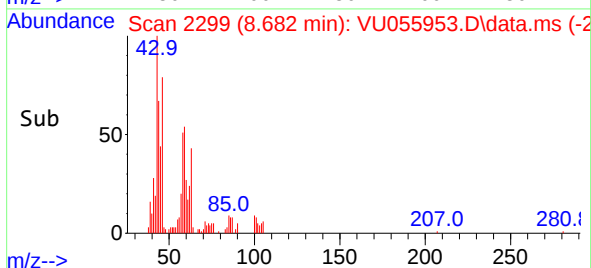
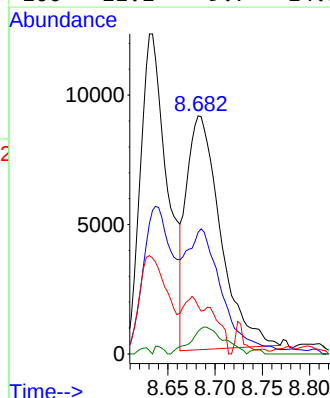
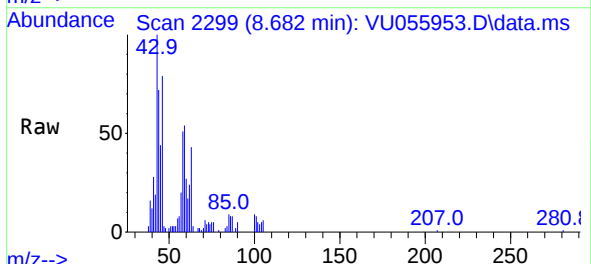
Instrument :
MSVOA_U
ClientSampleId :

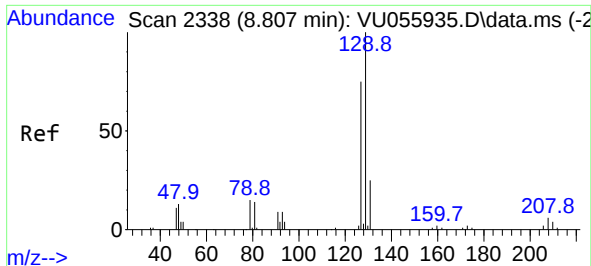
Tgt Ion:164 Resp: 5940
Ion Ratio Lower Upper
164 100
129 107.1 72.2 134.0
131 95.6 70.8 131.6
166 145.9 89.0 165.2



#48
2-Hexanone
Concen: 2.666 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055953.D
Acq: 28 Oct 2023 04:30

Tgt Ion: 43 Resp: 22578
Ion Ratio Lower Upper
43 100
58 40.7 49.5 74.3#
57 3.9 16.9 25.3#
100 11.1 9.7 14.5

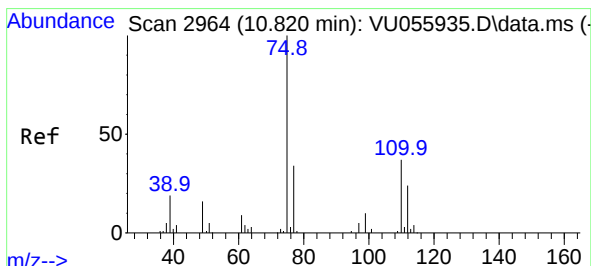
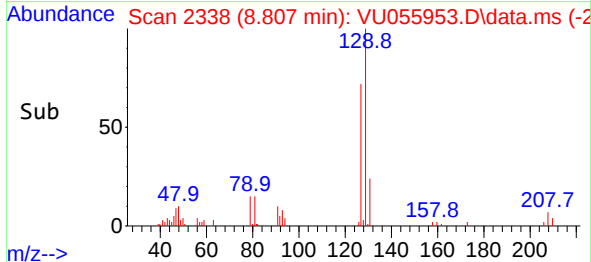
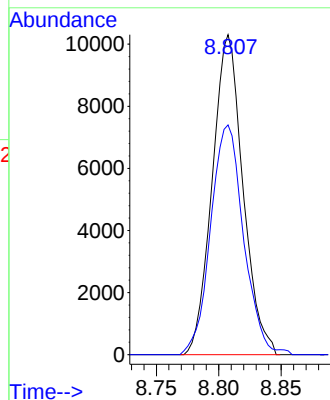
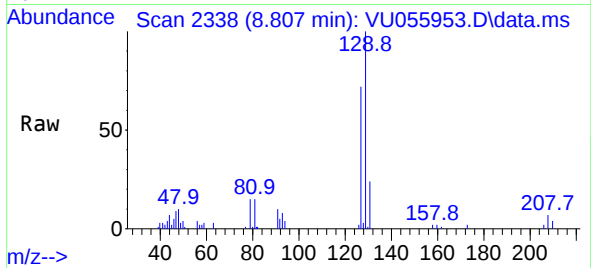




#49
Dibromochloromethane
Concen: 1.026 ug/L
RT: 8.807 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055953.D
Acq: 28 Oct 2023 04:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 17697
Ion Ratio Lower Upper
129 100
127 71.8 53.5 99.5



#61
1,2,3-Trichloropropane
Concen: 1.662 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU055953.D
Acq: 28 Oct 2023 04:30

Tgt Ion: 75 Resp: 20090
Ion Ratio Lower Upper
75 100
110 2.5 29.0 43.6#
77 35.3 24.5 36.7

