

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039845.D
 Acq On : 19 Jan 2024 17:29
 Operator : JC/MD
 Sample : P1184-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-5-23-26

Quant Time: Jan 20 00:29:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

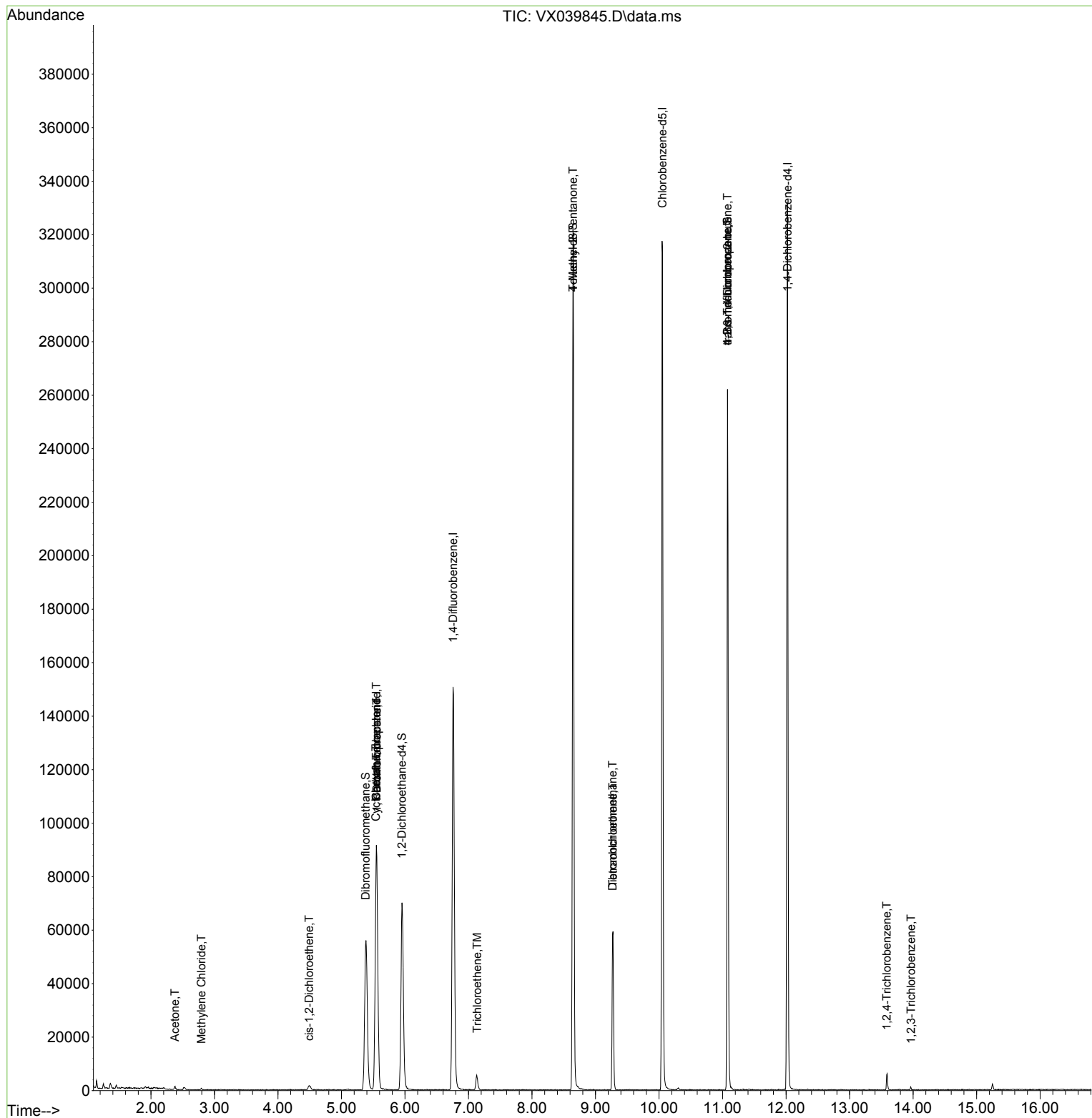
Internal Standards						
1) Pentafluorobenzene	5.550	168	79702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64012	47.945	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.880%
35) Dibromofluoromethane	5.379	113	49192	49.023	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	8.647	98	181491	47.956	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.920%
62) 4-Bromofluorobenzene	11.079	95	69893	47.227	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.460%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1233	1.642	ug/l	97
20) Methylene Chloride	2.794	84	298	0.262	ug/l #	88
27) cis-1,2-Dichloroethene	4.489	96	1078	0.931	ug/l	89
31) Cyclohexane	5.544	56	2207	1.253	ug/l #	39
36) 1,1-Dichloropropene	5.556	75	7649	4.897	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9263	6.475	ug/l #	13
44) Trichloroethene	7.135	130	2012	1.856	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	965	0.458	ug/l #	1
60) Dibromochloromethane	9.269	129	11285	10.640	ug/l #	11
64) Tetrachloroethene	9.275	164	10711	11.598	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	38269	22.317	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	38269	64.663	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	1767	1.301	ug/l	88
96) 1,2,3-Trichlorobenzene	13.969	180	354	0.258	ug/l	94

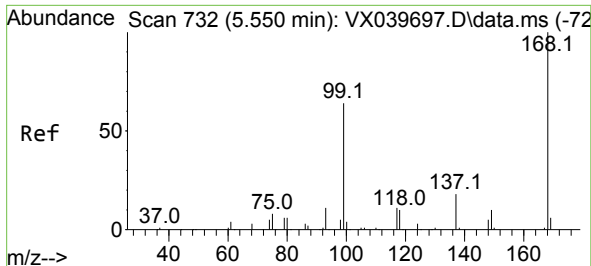
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 20 00:29:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

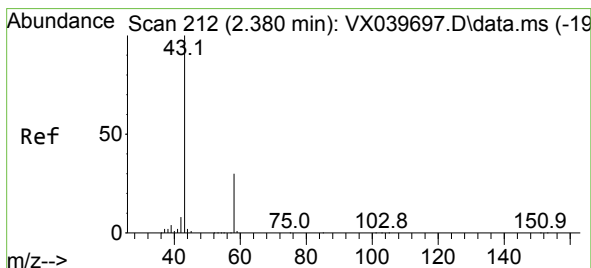
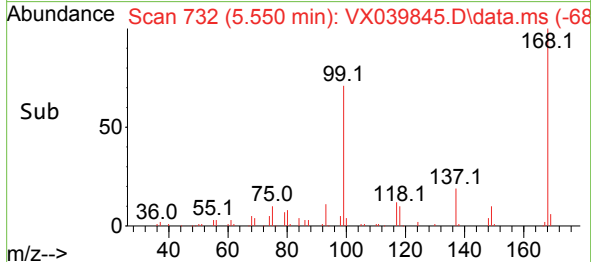
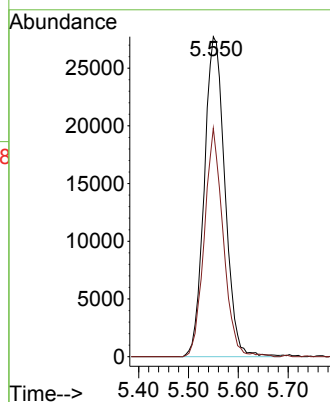
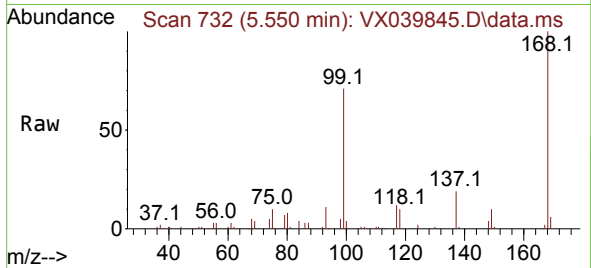




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

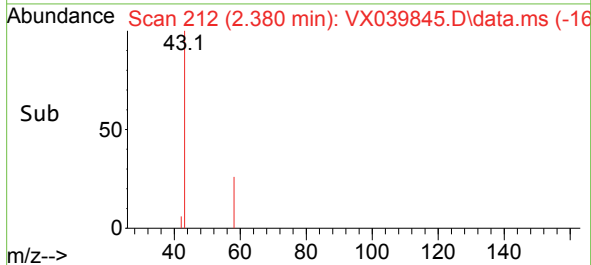
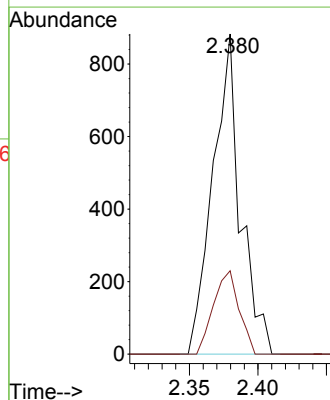
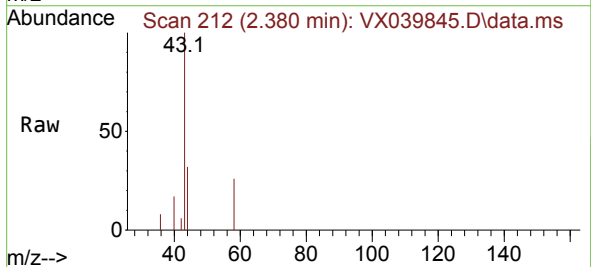
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-23-26

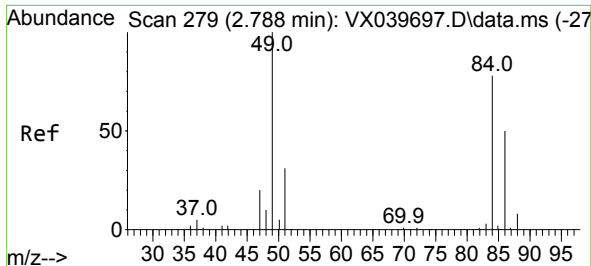
Tgt Ion:168 Resp: 79702
Ion Ratio Lower Upper
168 100
99 71.4 56.6 85.0



#16
Acetone
Concen: 1.642 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 26.0 21.9 32.9

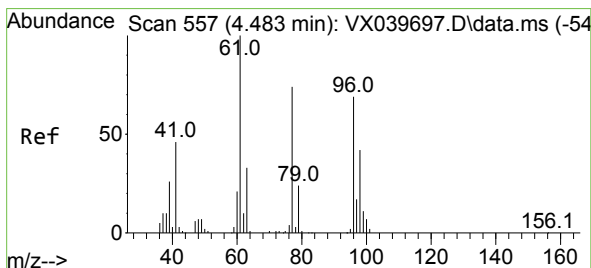
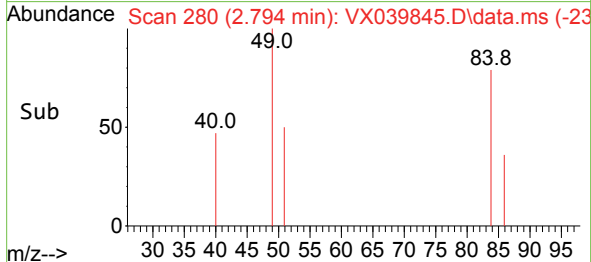
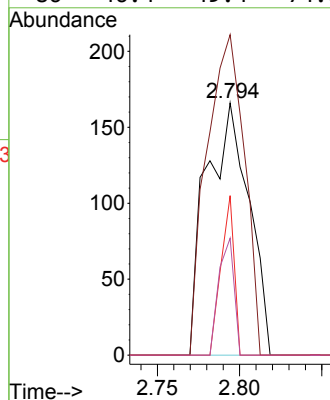
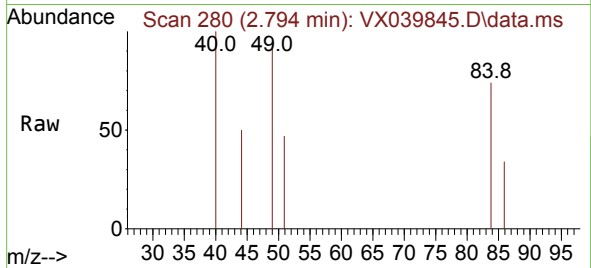




#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

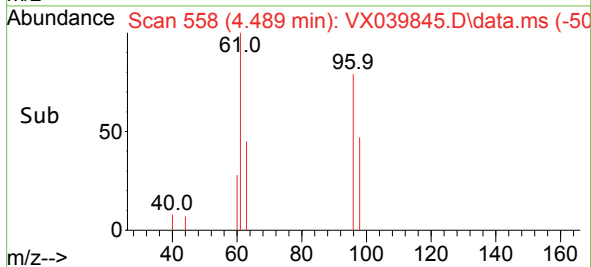
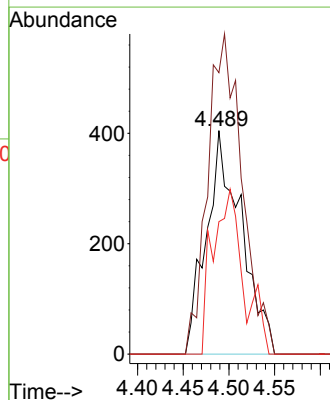
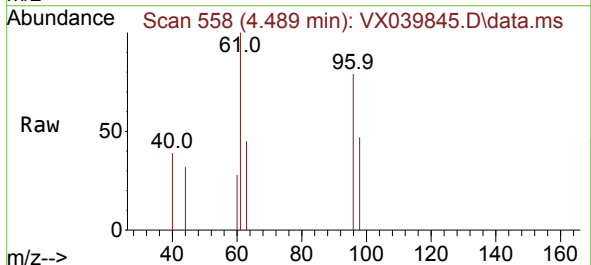
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-23-26

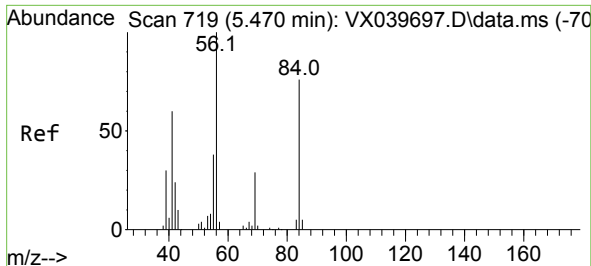
Tgt Ion: 84	Resp: 298
Ion Ratio	Lower Upper
84 100	
49 127.1	103.6 155.4
51 63.3	33.8 50.6#
86 46.4	49.4 74.0#



#27
cis-1,2-Dichloroethene
Concen: 0.931 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

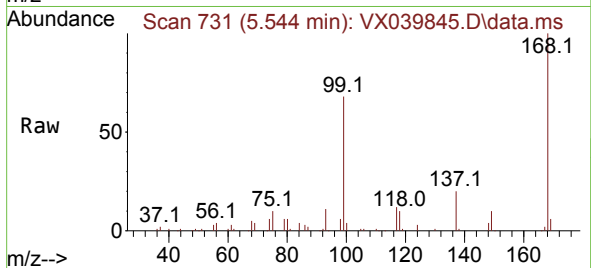
Tgt Ion: 96	Resp: 1078
Ion Ratio	Lower Upper
96 100	
61 141.4	0.0 312.2
98 55.4	0.0 129.0



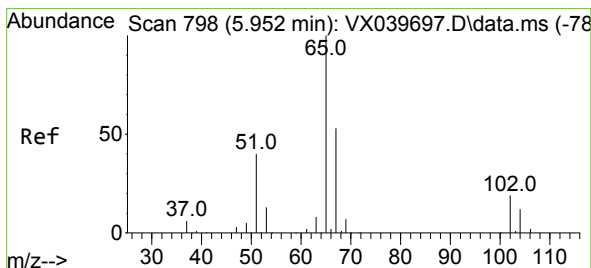
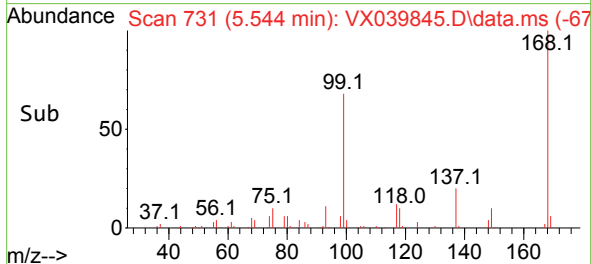
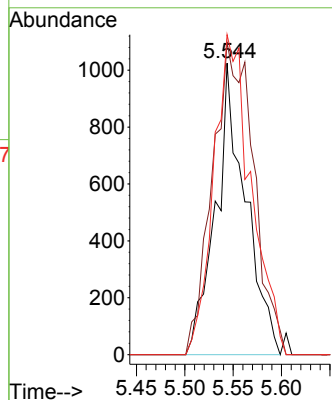


#31
Cyclohexane
Concen: 1.253 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-23-26

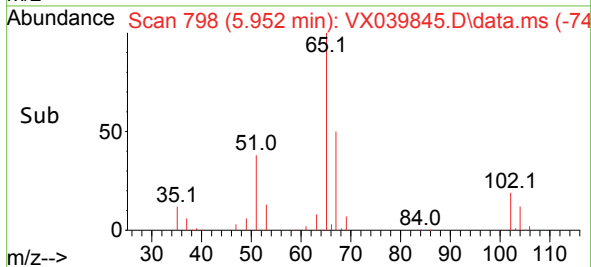
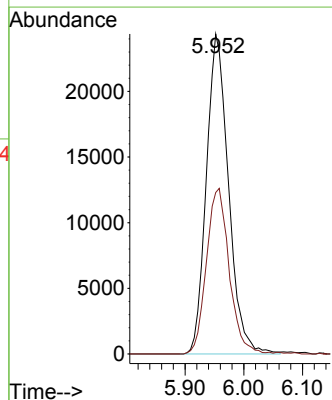
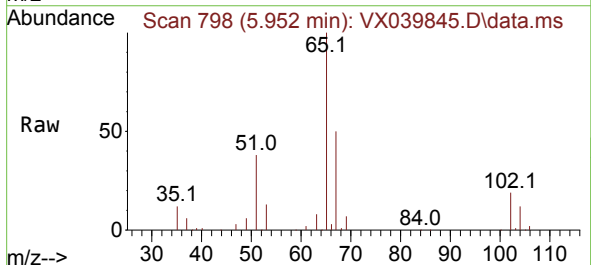


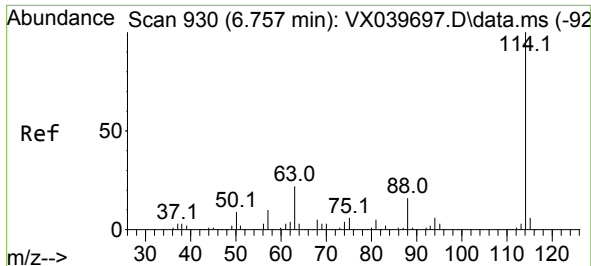
Tgt Ion: 56 Resp: 2207
Ion Ratio Lower Upper
56 100
69 107.1 23.4 35.2#
84 109.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.945 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

Tgt Ion: 65 Resp: 64012
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

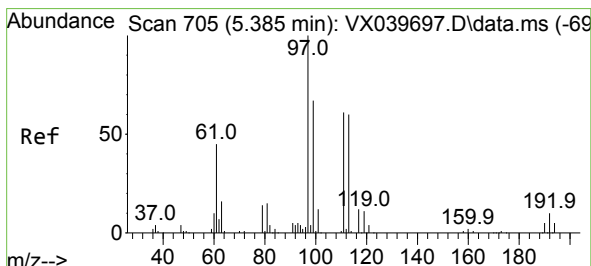
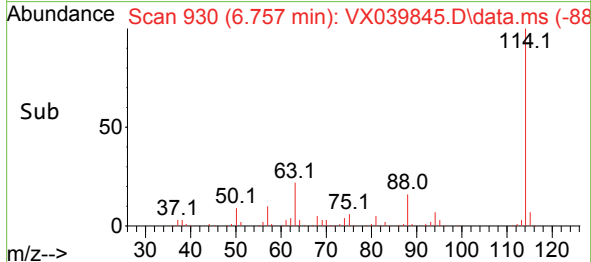
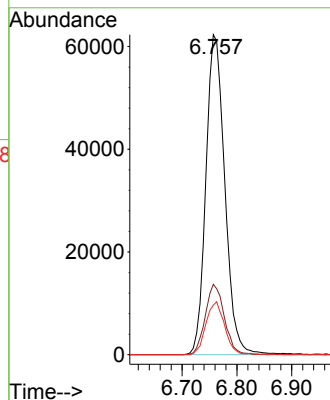
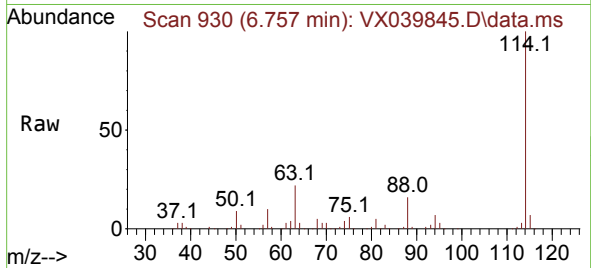




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

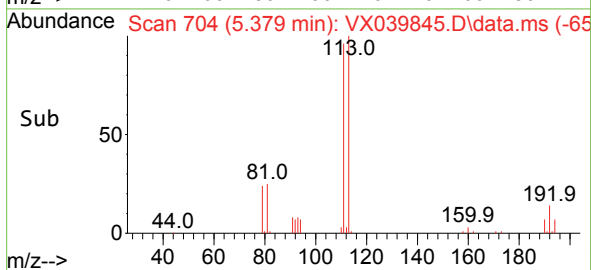
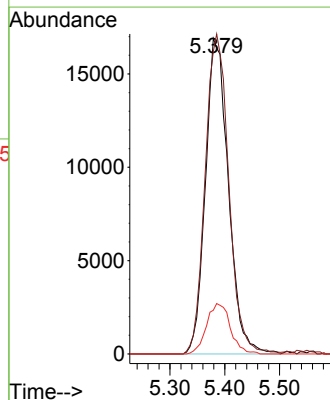
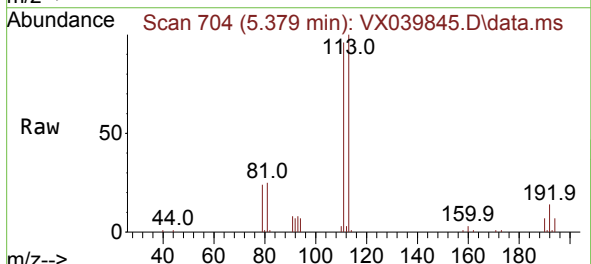
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-23-26

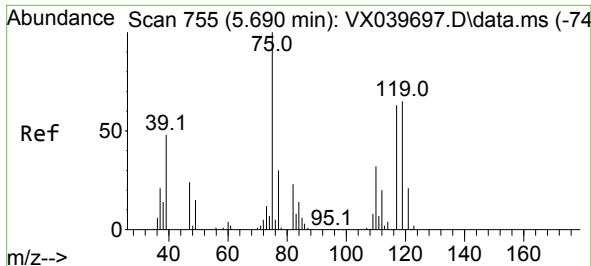
Tgt Ion:114 Resp: 148980
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.023 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

Tgt Ion:113 Resp: 49192
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 16.5 13.3 19.9

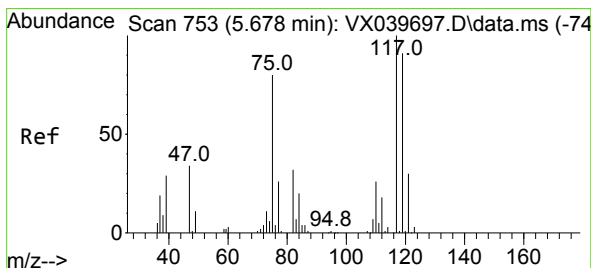
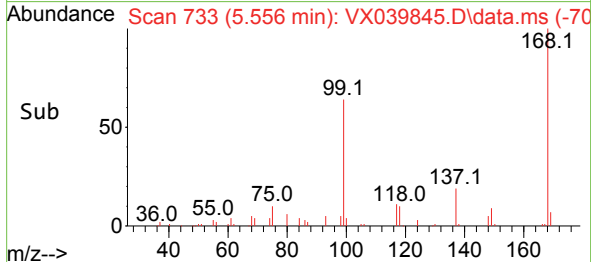
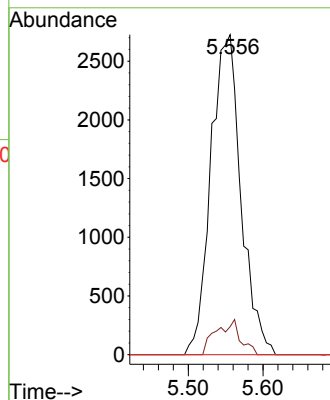
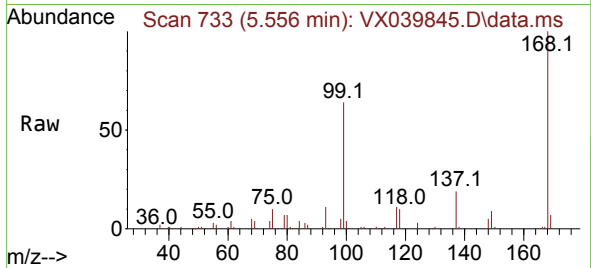




#36
 1,1-Dichloropropene
 Concen: 4.897 ug/l
 RT: 5.556 min Scan# 71
 Delta R.T. -0.134 min
 Lab File: VX039845.D
 Acq: 19 Jan 2024 17:29

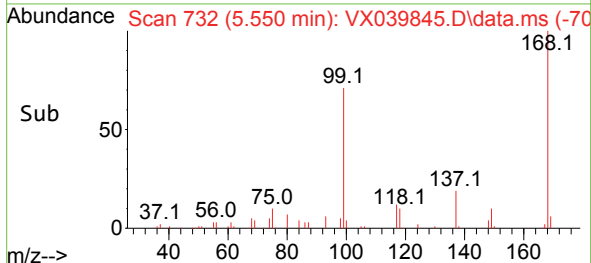
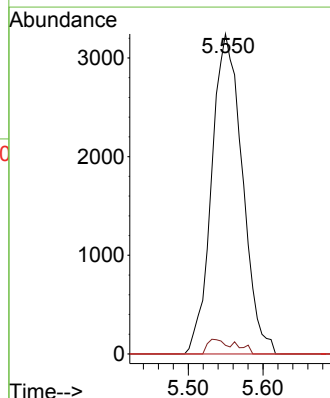
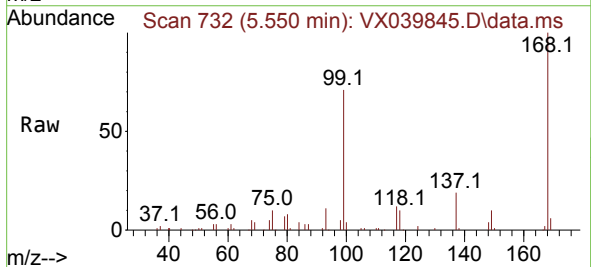
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-5-23-26

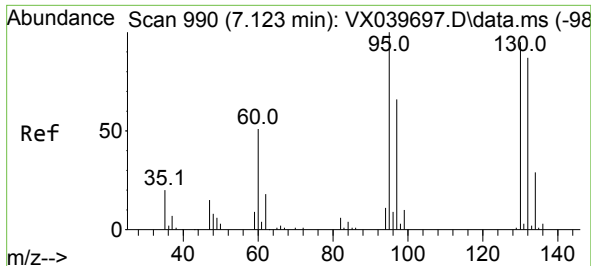
Tgt Ion: 75 Resp: 7649
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.475 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX039845.D
 Acq: 19 Jan 2024 17:29

Tgt Ion: 117 Resp: 9263
 Ion Ratio Lower Upper
 117 100
 119 2.7 78.2 117.2#
 121 0.0 24.4 36.6#

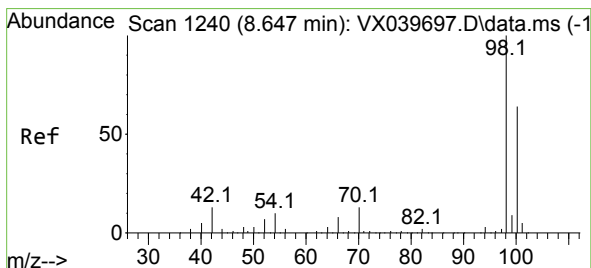
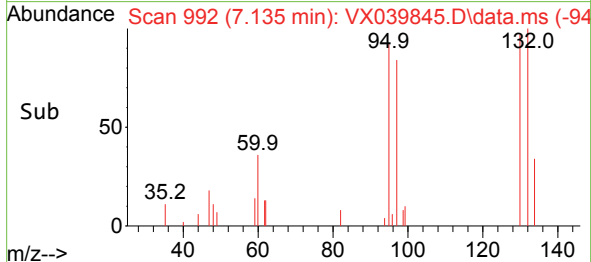
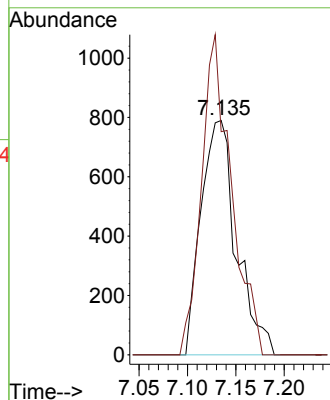
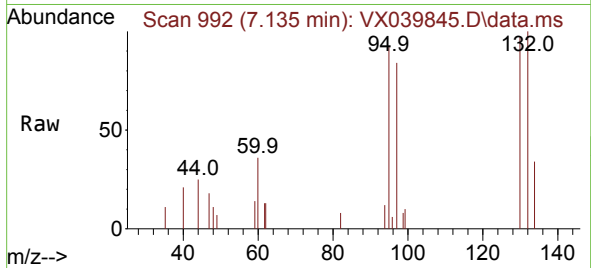




#44
Trichloroethene
Concen: 1.856 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

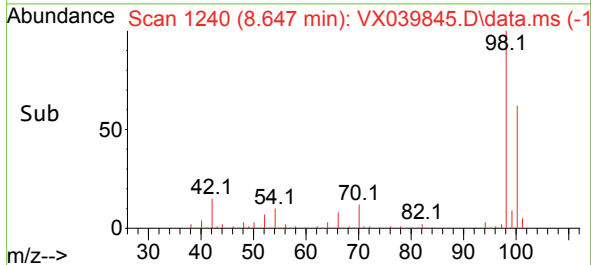
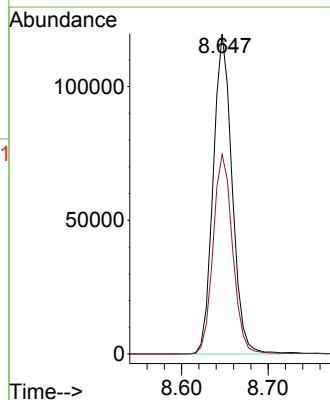
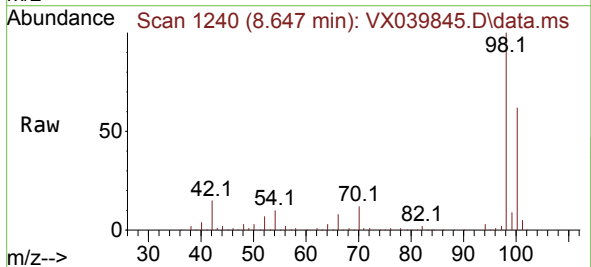
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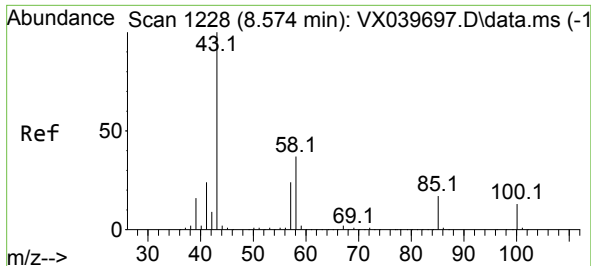
Tgt Ion:130 Resp: 2012
Ion Ratio Lower Upper
130 100
95 95.2 0.0 204.4



#50
Toluene-d8
Concen: 47.956 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

Tgt Ion: 98 Resp: 181491
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

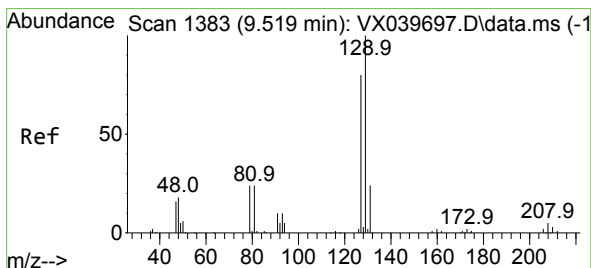
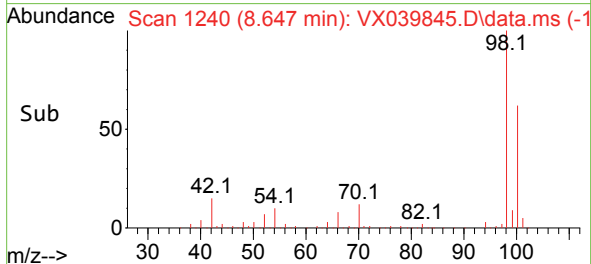
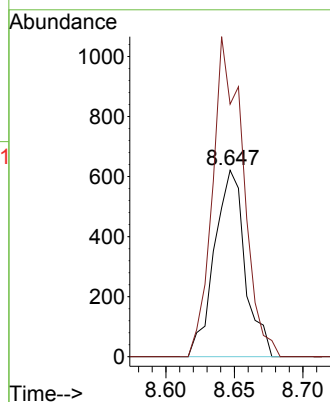
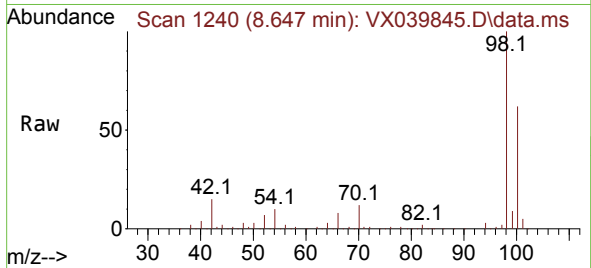




#51
4-Methyl-2-Pentanone
Concen: 0.458 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

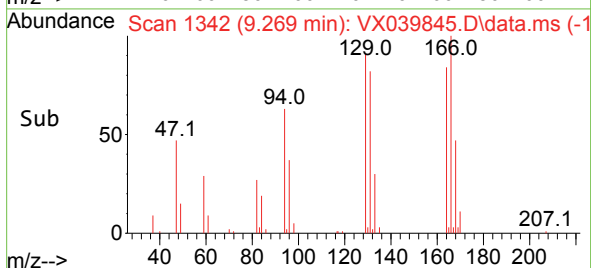
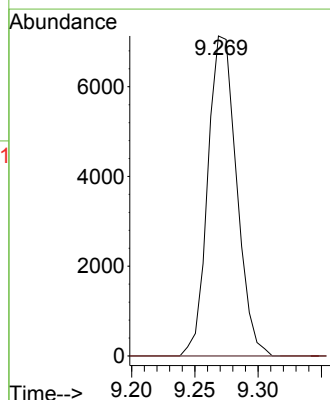
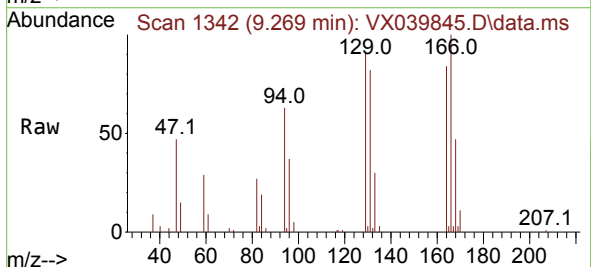
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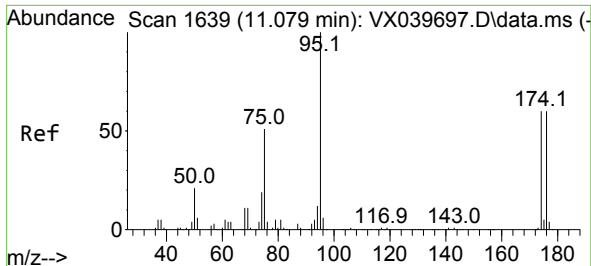
Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 169.9 30.4 45.6#



#60
Dibromochloromethane
Concen: 10.640 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

Tgt Ion: 129 Resp: 11285
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

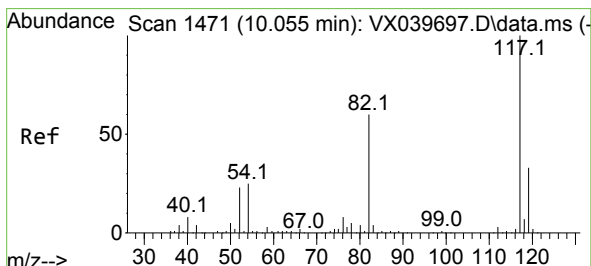
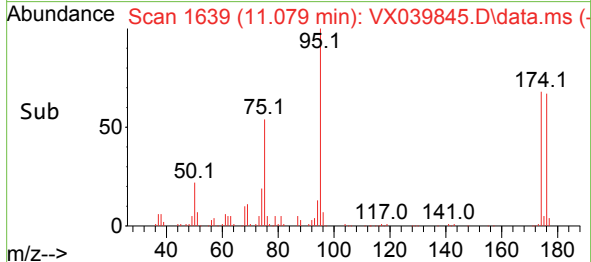
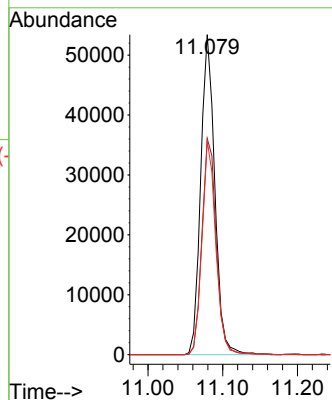
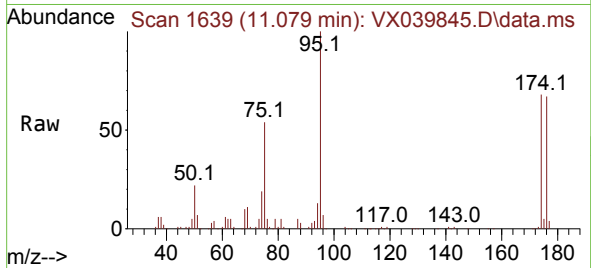




#62
4-Bromofluorobenzene
Concen: 47.227 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

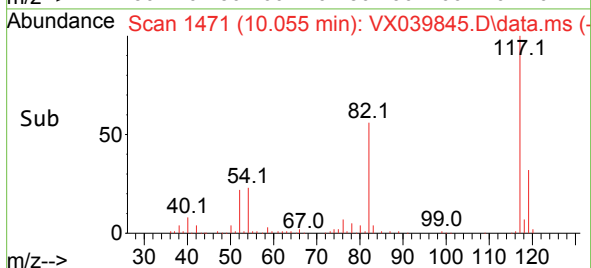
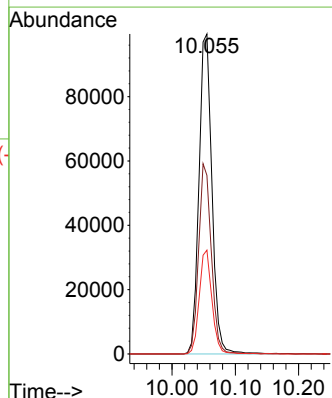
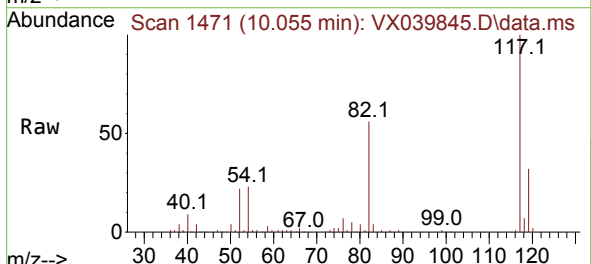
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-23-26

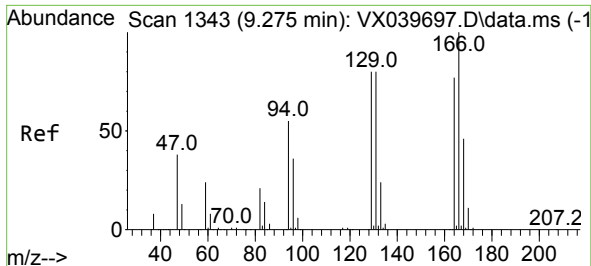
Tgt Ion: 95 Resp: 69893
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.6
176 65.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

Tgt Ion: 117 Resp: 142009
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.5 25.5 38.3

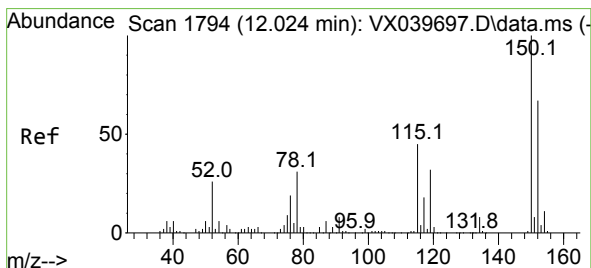
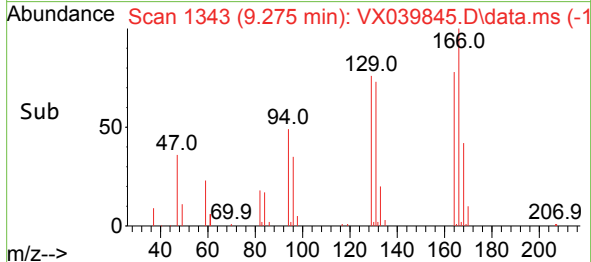
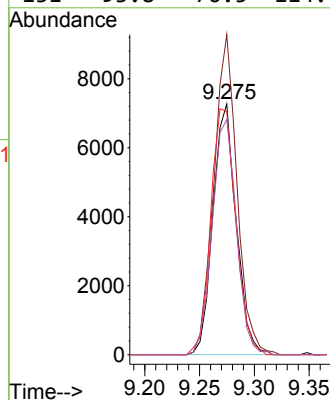
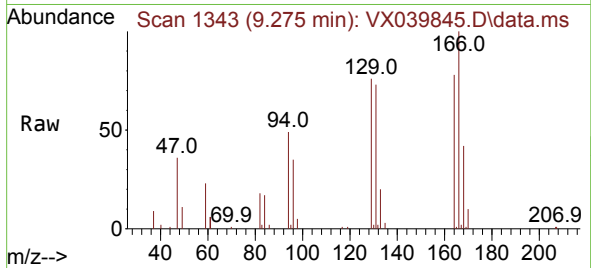




#64
Tetrachloroethene
Concen: 11.598 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

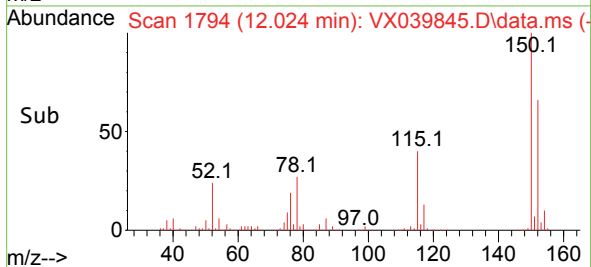
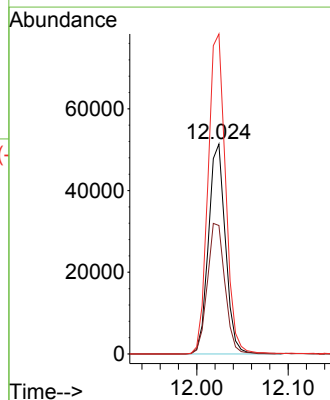
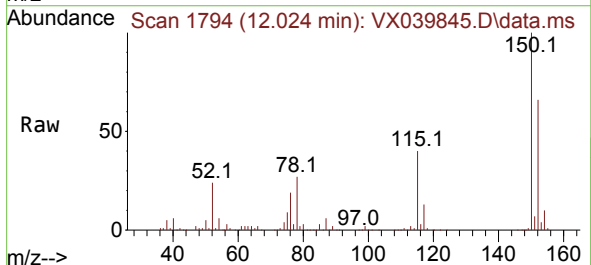
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-23-26

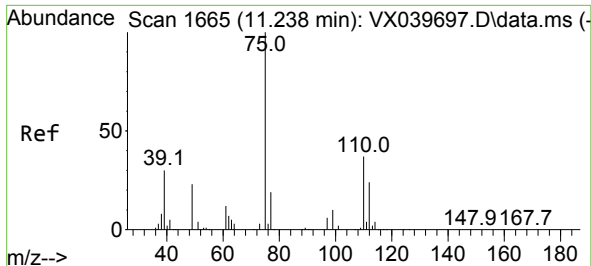
Tgt Ion:164	Resp:	10711
Ion	Ratio	Lower Upper
164	100	
166	127.6	102.7 154.1
129	97.0	80.4 120.6
131	93.8	76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

Tgt Ion:152	Resp:	66142
Ion	Ratio	Lower Upper
152	100	
115	64.5	43.3 129.9
150	157.5	0.0 345.0

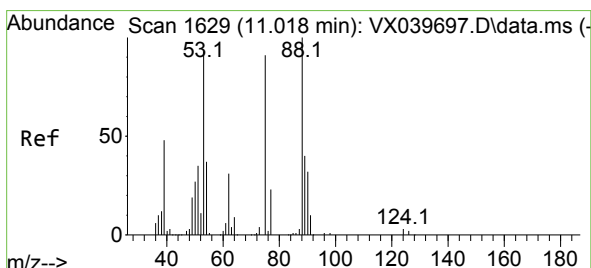
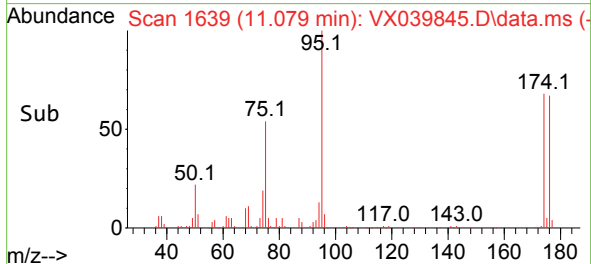
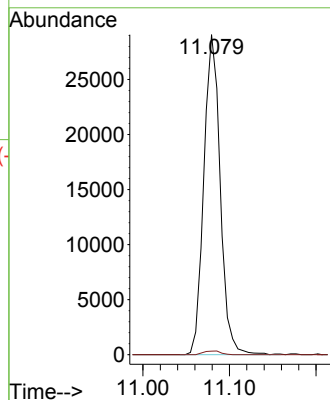
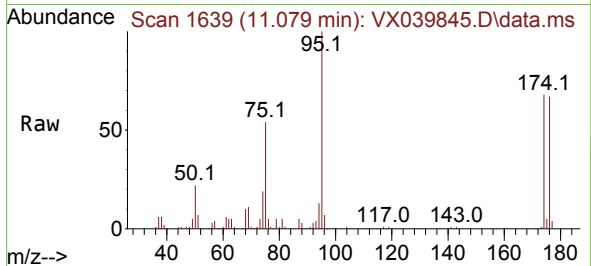




#76
1,2,3-Trichloropropane
Concen: 22.317 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

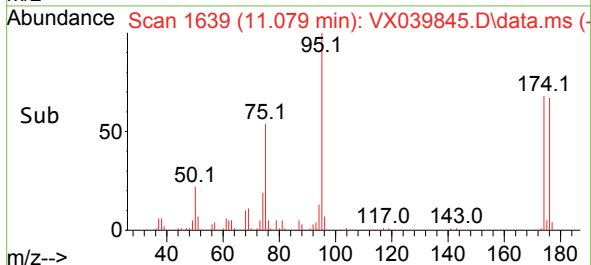
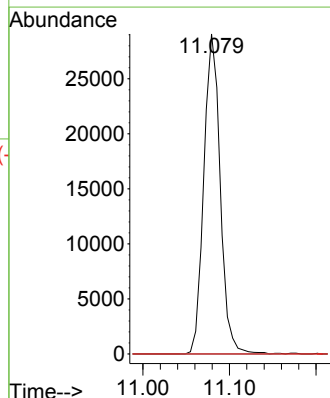
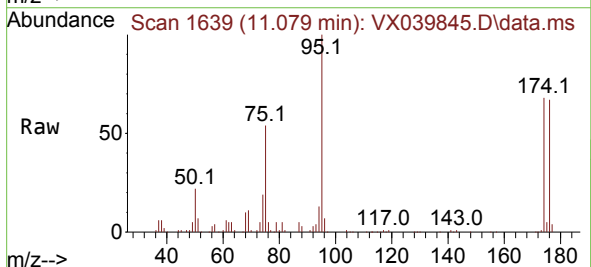
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-23-26

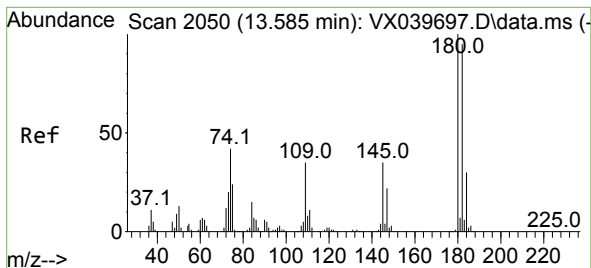
Tgt Ion: 75 Resp: 38269
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.663 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

Tgt Ion: 75 Resp: 38269
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

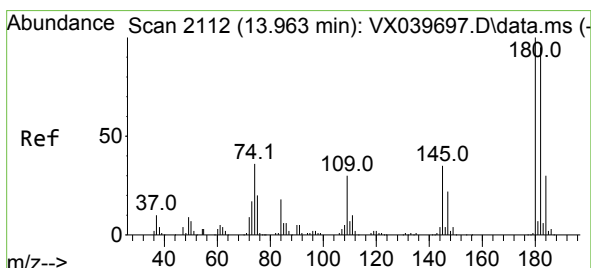
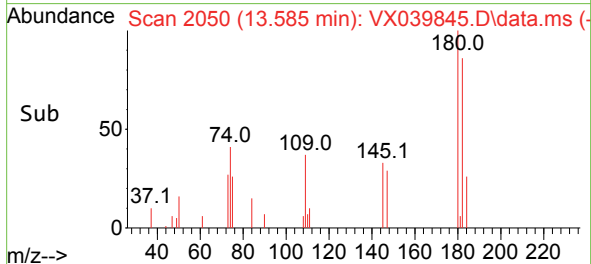
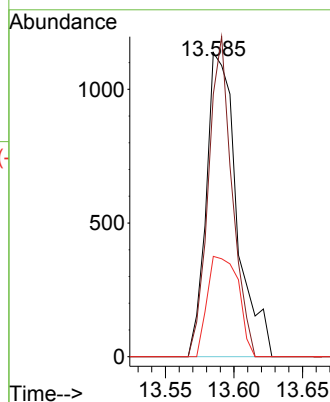
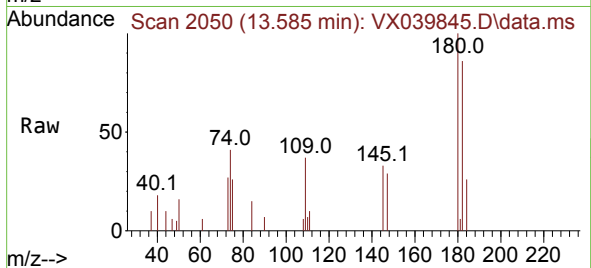




#93
1,2,4-Trichlorobenzene
Concen: 1.301 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-23-26

Tgt Ion:180 Resp: 1767
Ion Ratio Lower Upper
180 100
182 81.7 48.3 144.8
145 33.3 18.0 54.0



#96
1,2,3-Trichlorobenzene
Concen: 0.258 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX039845.D
Acq: 19 Jan 2024 17:29

Tgt Ion:180 Resp: 354
Ion Ratio Lower Upper
180 100
182 91.2 46.9 140.6
145 26.0 17.8 53.5

