

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039837.D
 Acq On : 19 Jan 2024 14:28
 Operator : JC/MD
 Sample : P1185-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-6-10-13

Quant Time: Jan 20 00:25:53 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)

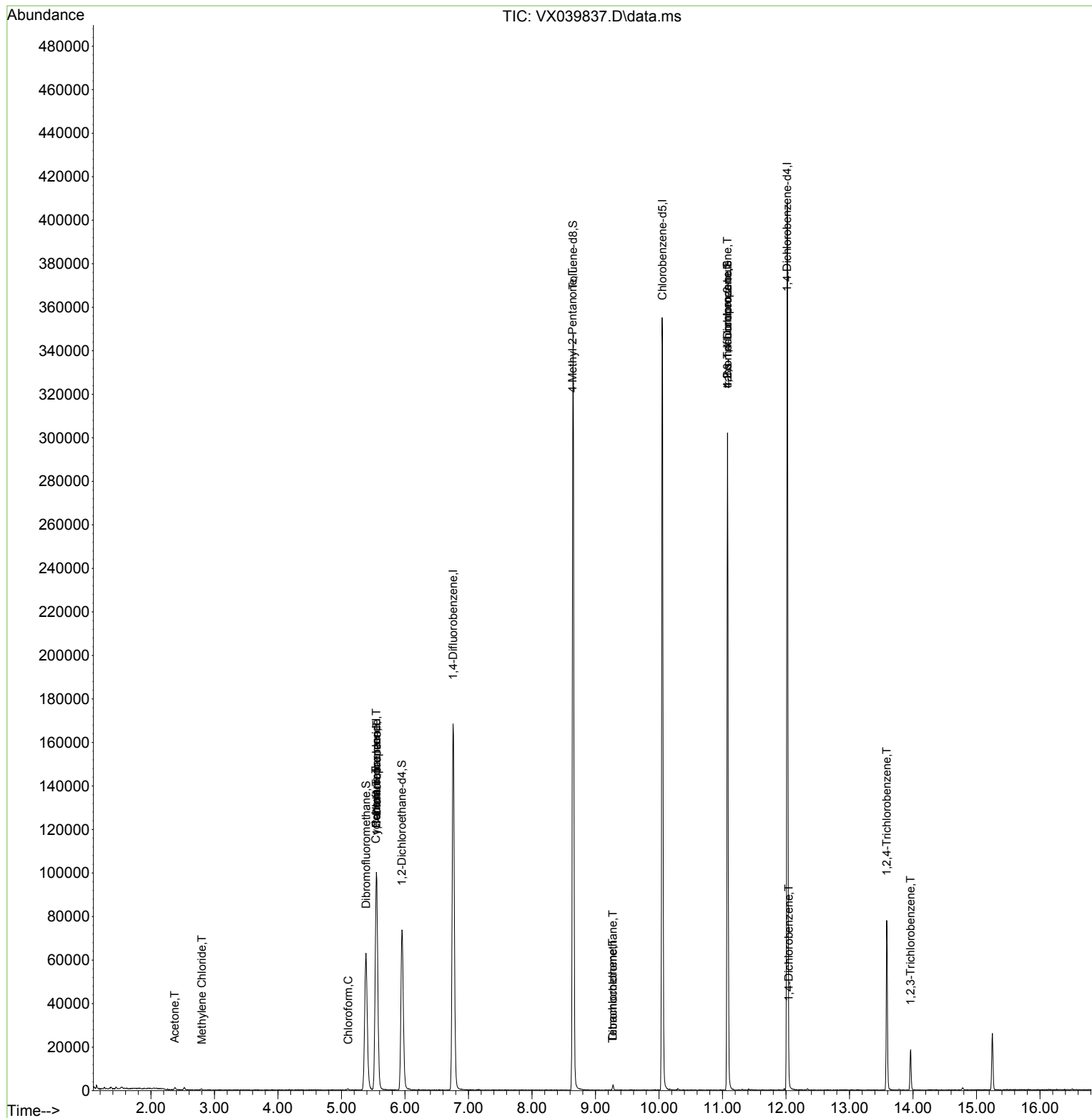
Internal Standards						
1) Pentafluorobenzene	5.550	168	88674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70560	47.502	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.000%
35) Dibromofluoromethane	5.385	113	53813	47.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	8.647	98	202430	47.839	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.680%
62) 4-Bromofluorobenzene	11.079	95	79387	47.976	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.960%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	1202	1.439	ug/l	92
20) Methylene Chloride	2.800	84	321	0.254	ug/l #	47
30) Chloroform	5.105	83	488	0.224	ug/l #	75
31) Cyclohexane	5.544	56	2403	1.226	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	8631	4.942	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9794	6.123	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1117	0.475	ug/l #	1
60) Dibromochloromethane	9.275	129	371	0.313	ug/l #	11
64) Tetrachloroethene	9.269	164	370	0.364	ug/l #	62
76) 1,2,3-Trichloropropane	11.079	75	43583	22.203	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43583	64.369	ug/l #	5
88) 1,4-Dichlorobenzene	12.043	146	668	0.251	ug/l #	53
93) 1,2,4-Trichlorobenzene	13.585	180	16574	10.663	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	4372	2.787	ug/l	94

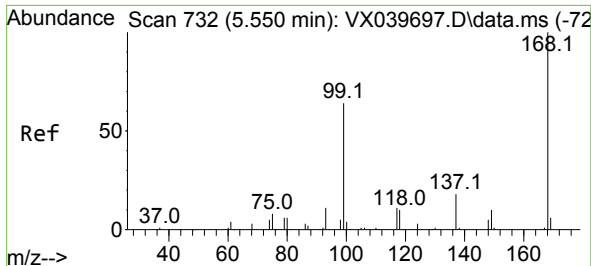
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SUMOGW-6-10-13

Quant Time: Jan 20 00:25:53 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

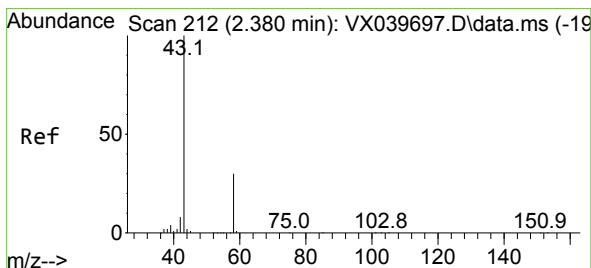
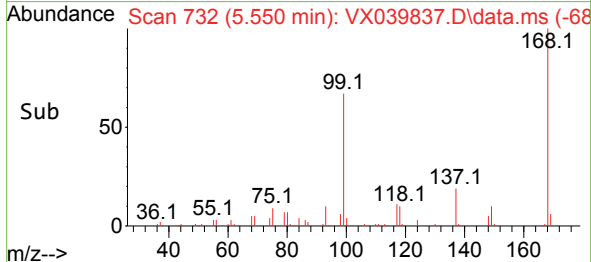
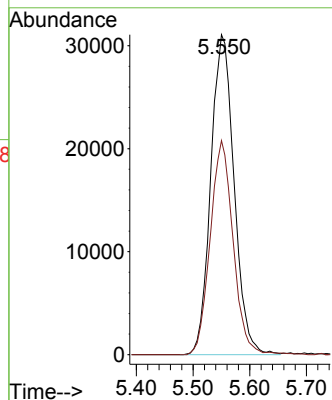
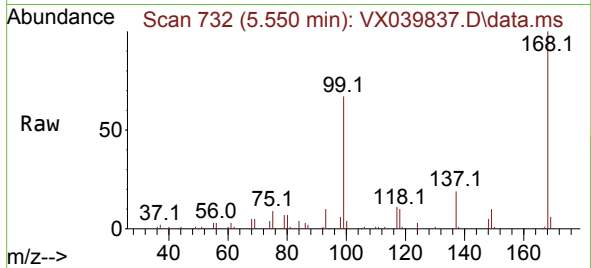




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

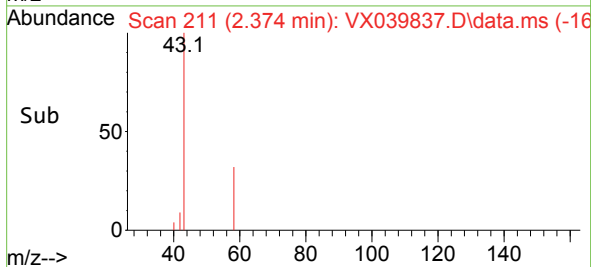
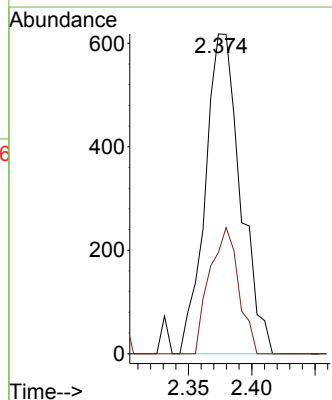
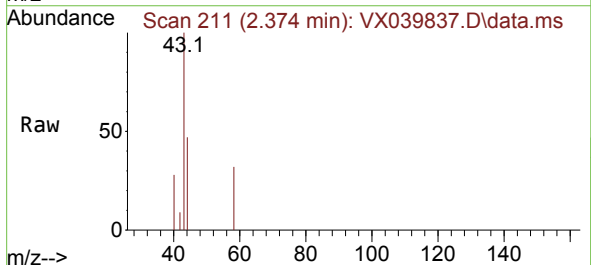
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-10-13

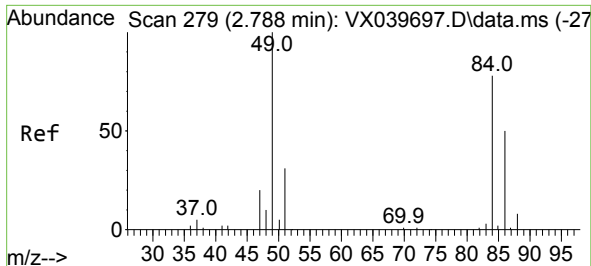
Tgt Ion:168 Resp: 88674
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0



#16
Acetone
Concen: 1.439 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9

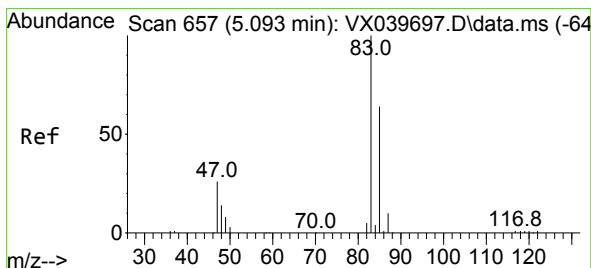
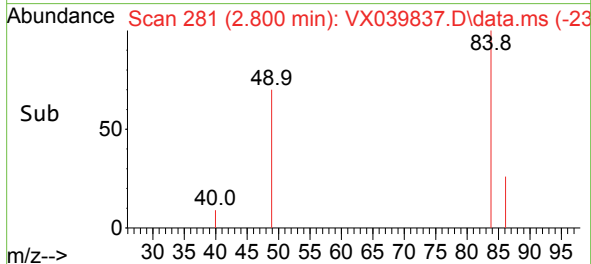
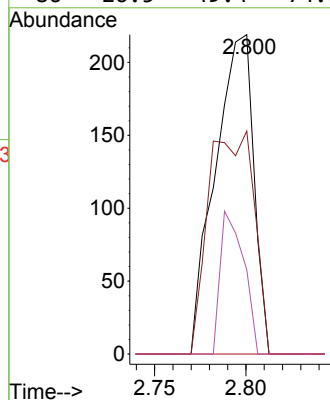
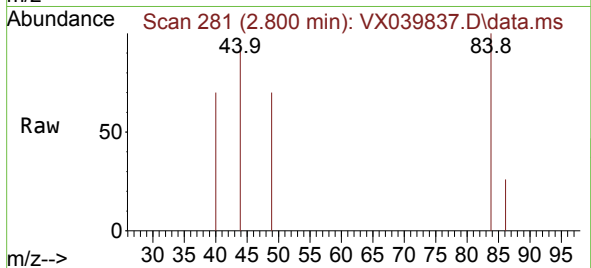




#20
Methylene Chloride
Concen: 0.254 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

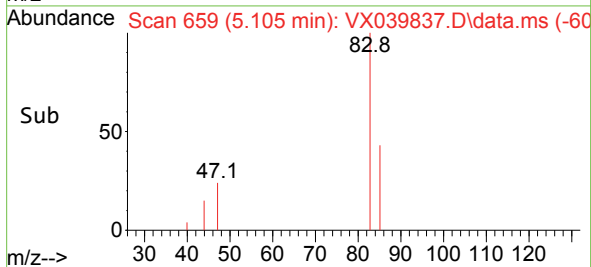
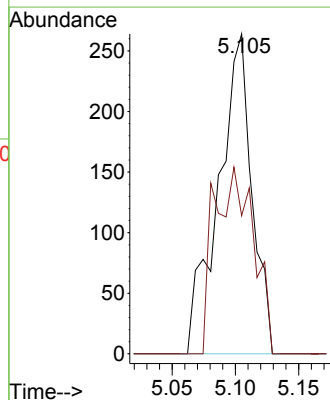
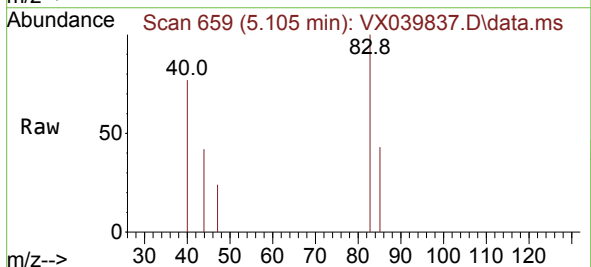
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-10-13

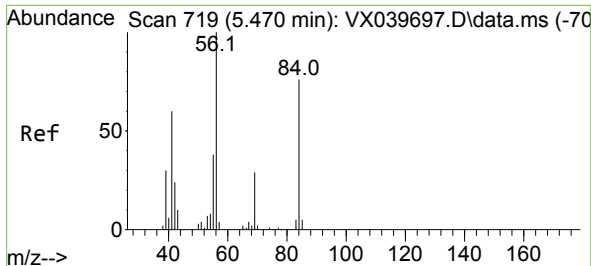
Tgt	Ion: 84	Resp:	321
Ion	Ratio	Lower	Upper
84	100		
49	69.9	103.6	155.4#
51	0.0	33.8	50.6#
86	26.5	49.4	74.0#



#30
Chloroform
Concen: 0.224 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

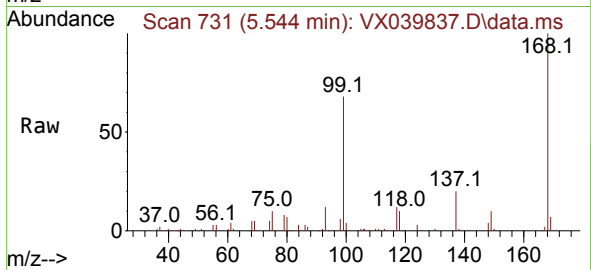
Tgt Ion: 83	Resp:	488	
Ion Ratio	Lower	Upper	
83 100			
85 43.2	50.3	75.5#	



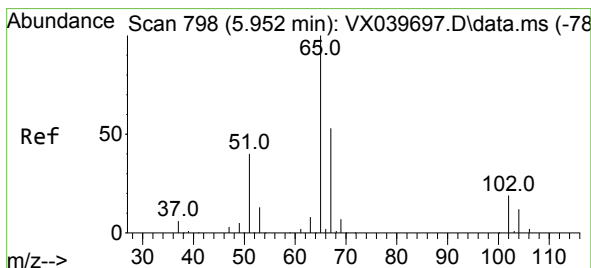
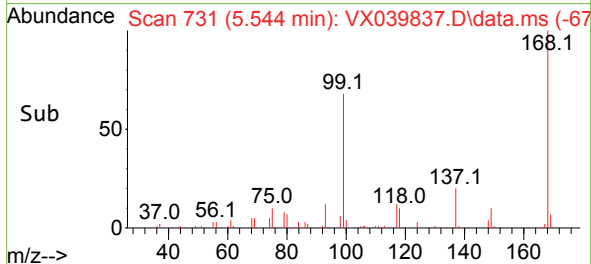
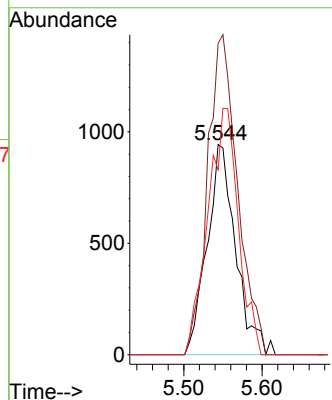


#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-10-13

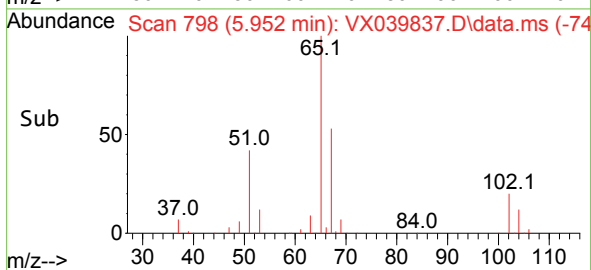
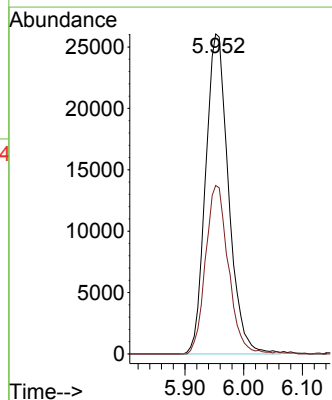
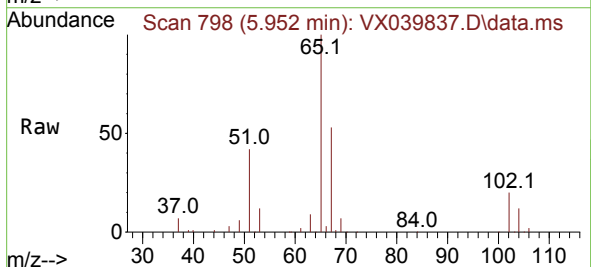


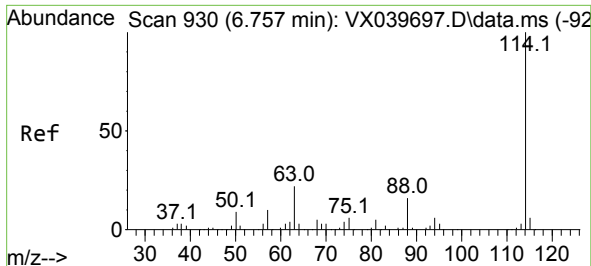
Tgt Ion: 56 Resp: 2403
Ion Ratio Lower Upper
56 100
69 148.1 23.4 35.2#
84 88.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.502 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

Tgt Ion: 65 Resp: 70560
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

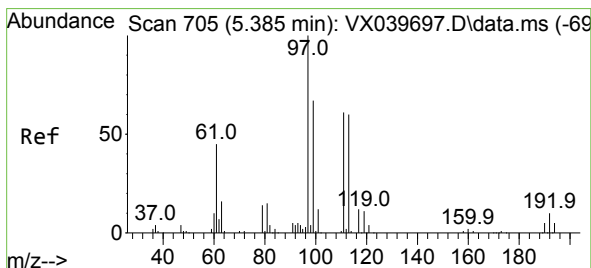
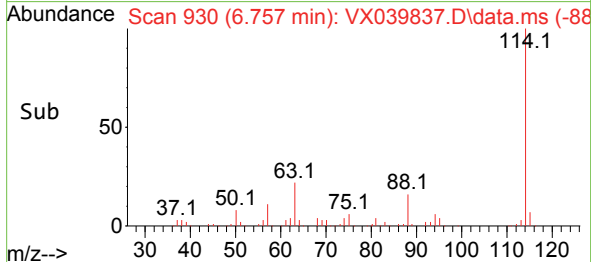
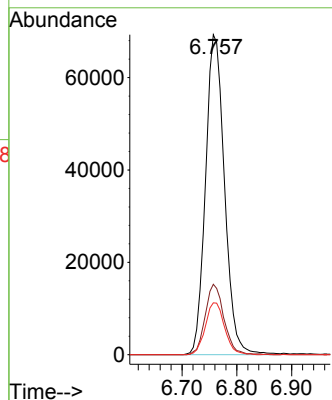
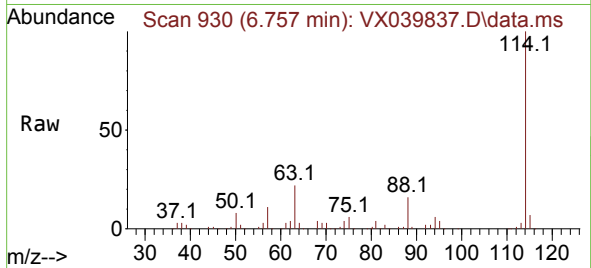




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

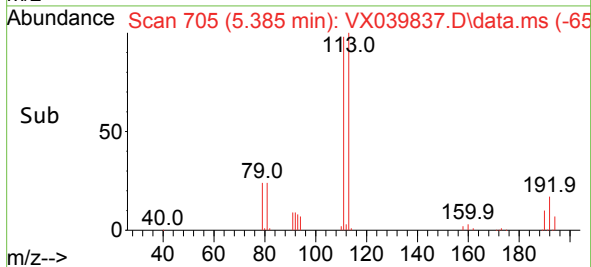
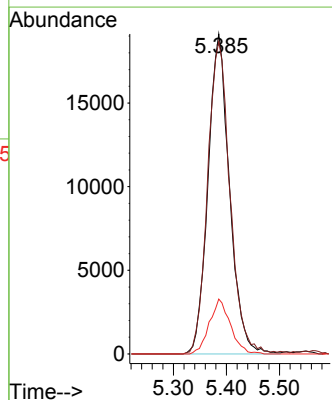
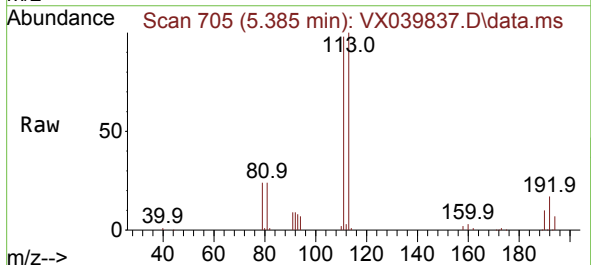
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-10-13

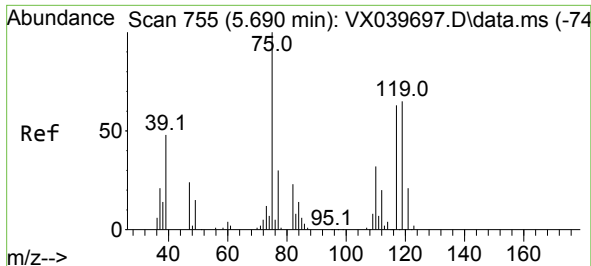
Tgt Ion:114 Resp: 166575
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.964 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

Tgt Ion:113 Resp: 53813
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 16.8 13.3 19.9

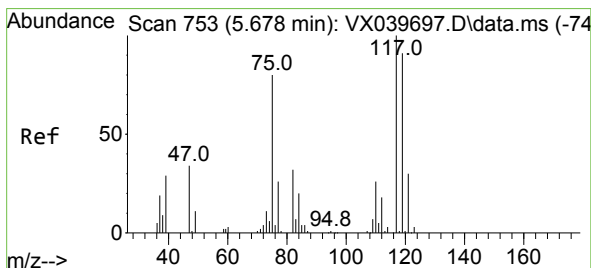
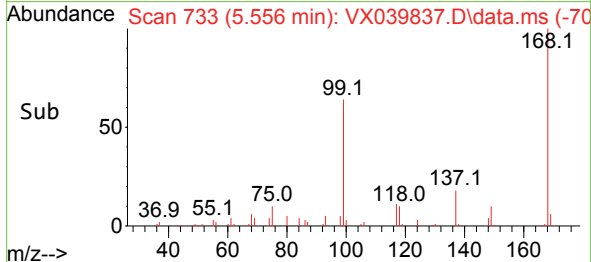
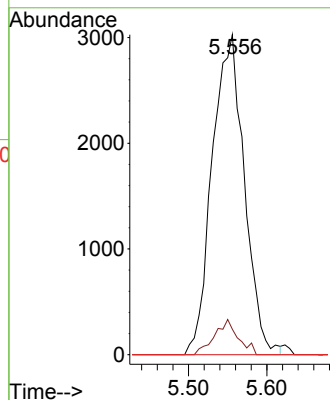
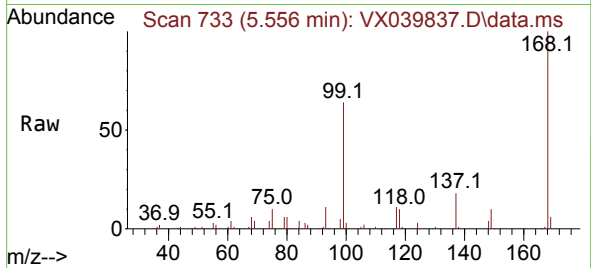




#36
1,1-Dichloropropene
Concen: 4.942 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

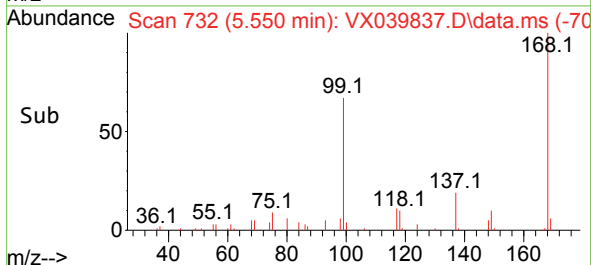
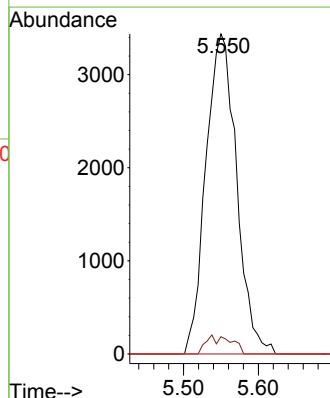
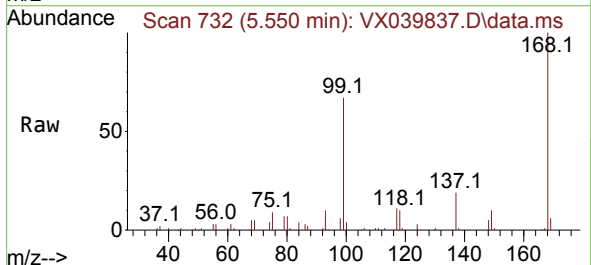
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-10-13

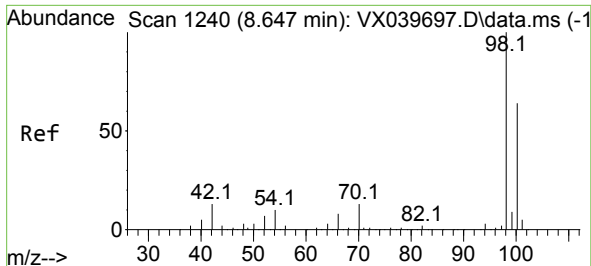
Tgt Ion: 75 Resp: 8631
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.123 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

Tgt Ion: 117 Resp: 9794
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

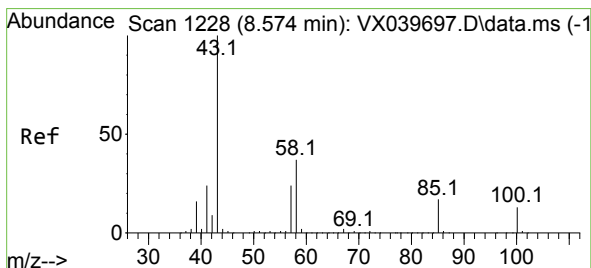
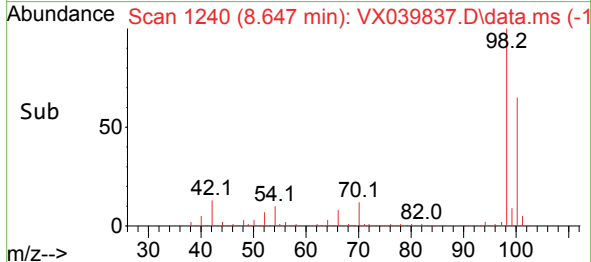
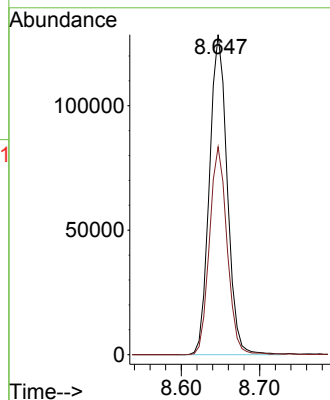
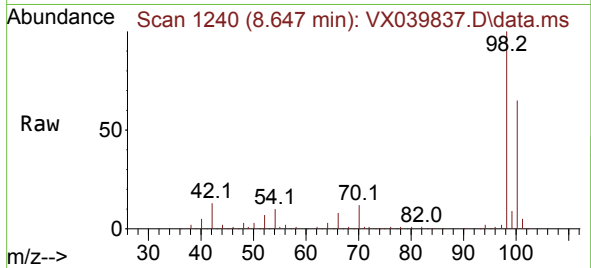




#50
Toluene-d8
Concen: 47.839 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

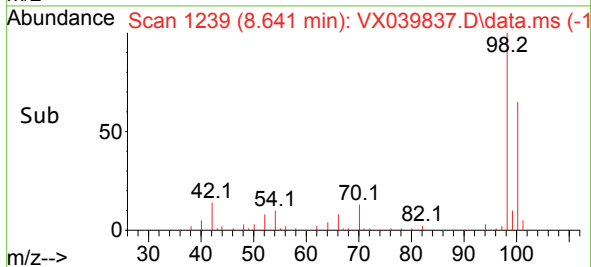
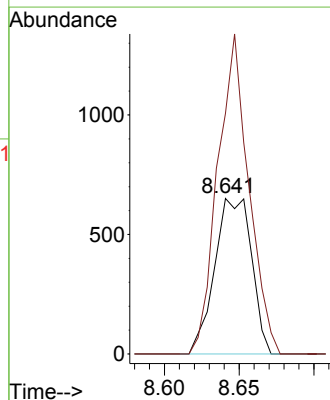
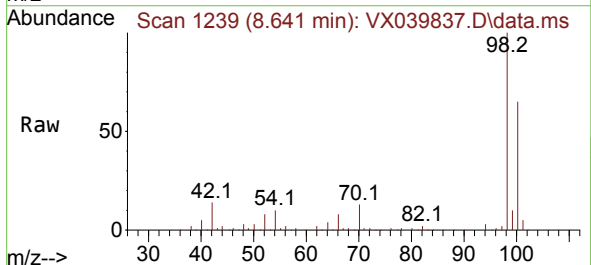
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SUMOGW-6-10-13

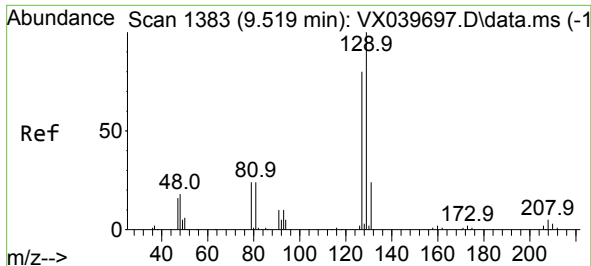
Tgt Ion: 98 Resp: 202430
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.475 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

Tgt Ion: 43 Resp: 1117
Ion Ratio Lower Upper
43 100
58 173.2 30.4 45.6#

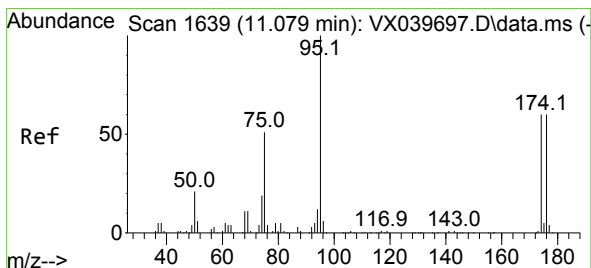
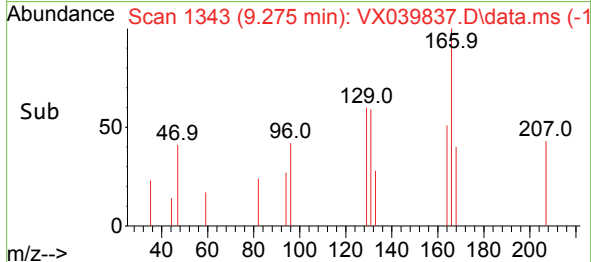
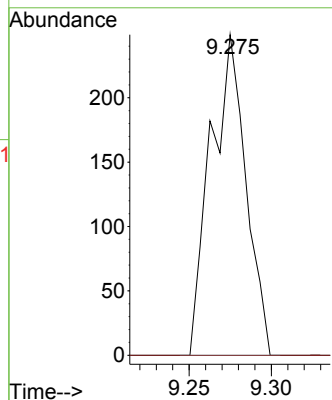
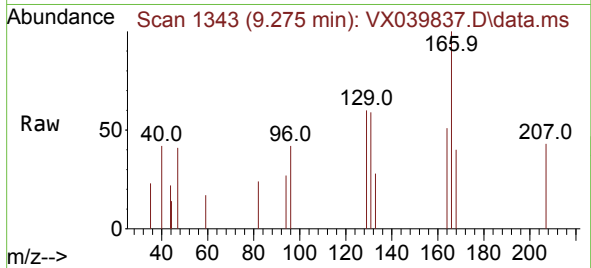




#60
Dibromochloromethane
Concen: 0.313 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

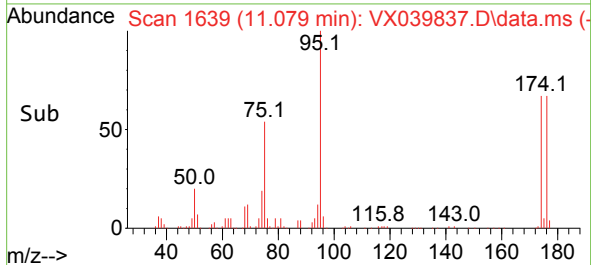
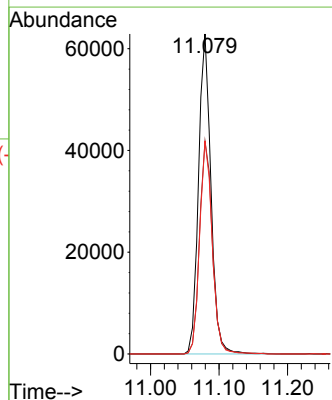
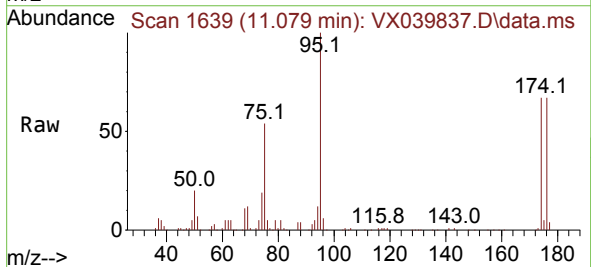
Instrument :
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SUMOGW-6-10-13

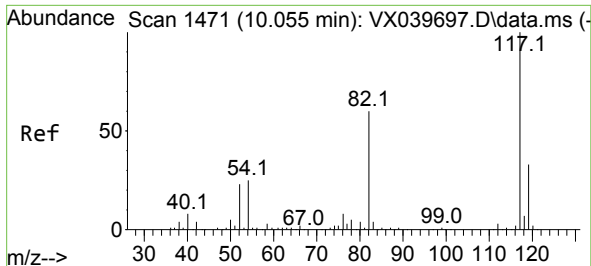
Tgt Ion:129 Resp: 371
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 47.976 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

Tgt Ion: 95 Resp: 79387
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.6
176 67.7 0.0 131.0

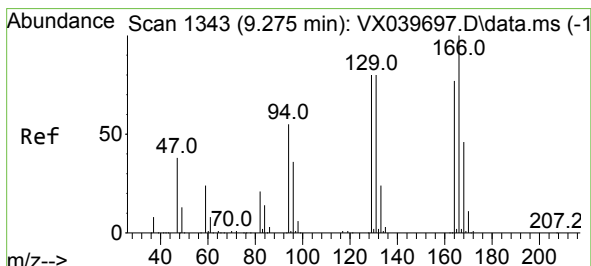
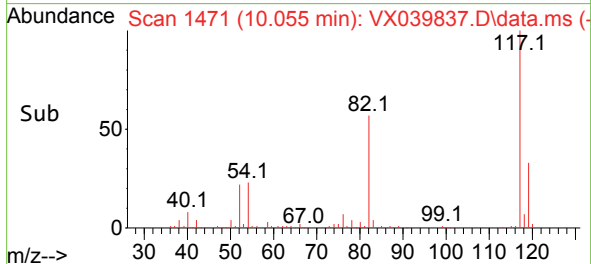
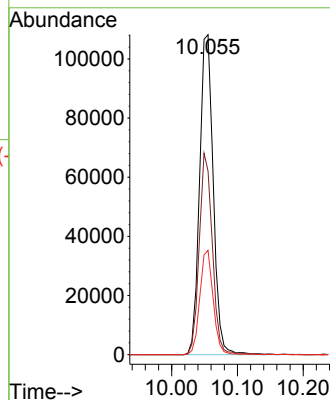
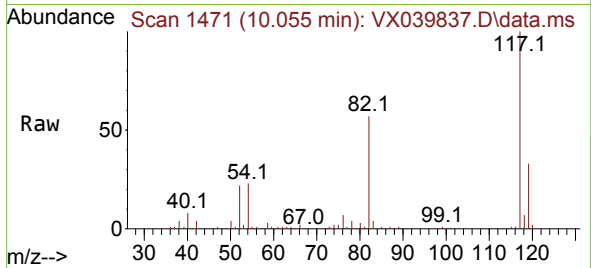




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

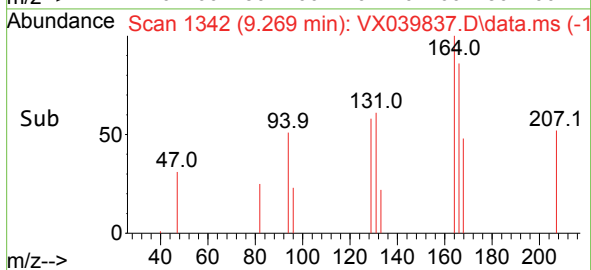
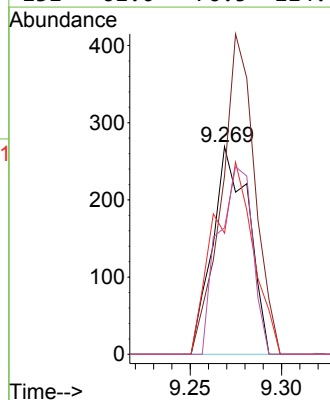
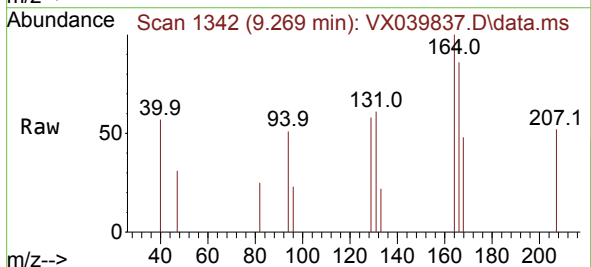
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-10-13

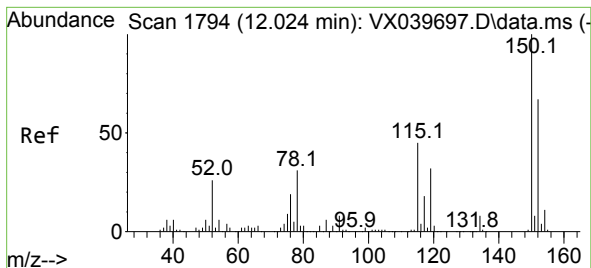
Tgt Ion:117 Resp: 156418
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.364 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

Tgt Ion:164 Resp: 370
Ion Ratio Lower Upper
164 100
166 85.9 102.7 154.1#
129 58.4 80.4 120.6#
131 61.0 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039837.D

Acq: 19 Jan 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-6-10-13

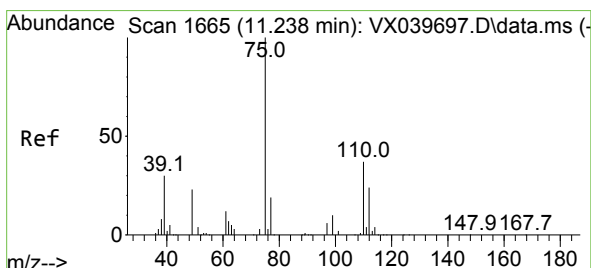
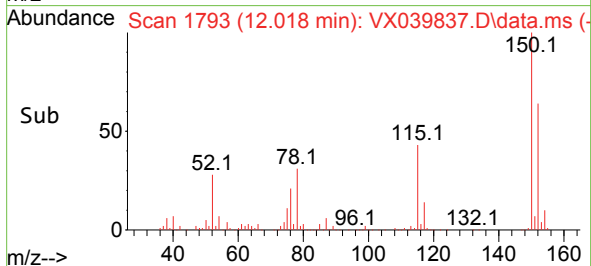
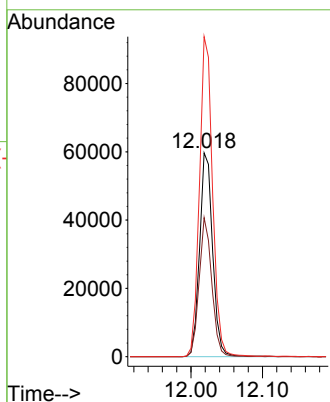
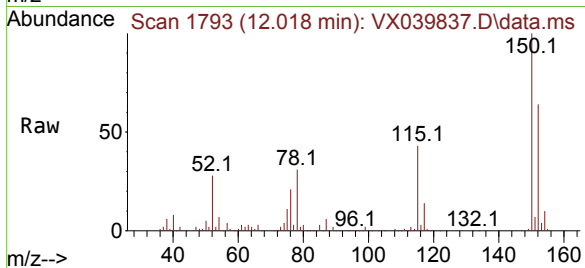
Tgt Ion:152 Resp: 75713

Ion Ratio Lower Upper

152 100

115 66.0 43.3 129.9

150 157.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.203 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039837.D

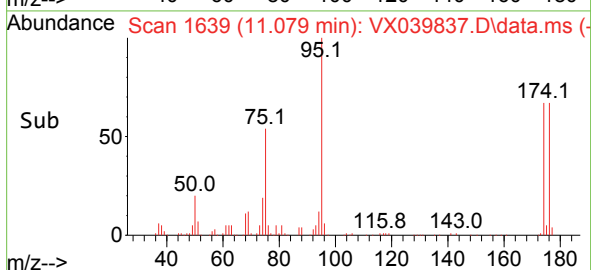
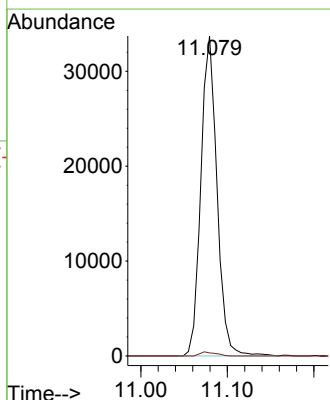
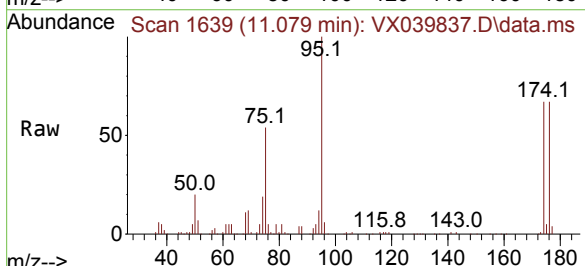
Acq: 19 Jan 2024 14:28

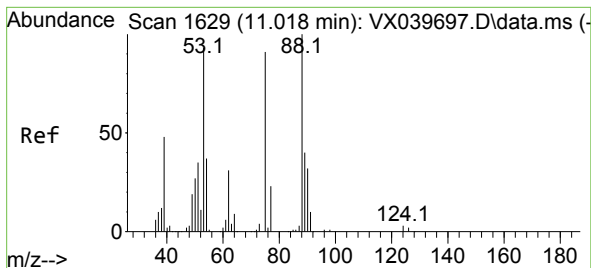
Tgt Ion: 75 Resp: 43583

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

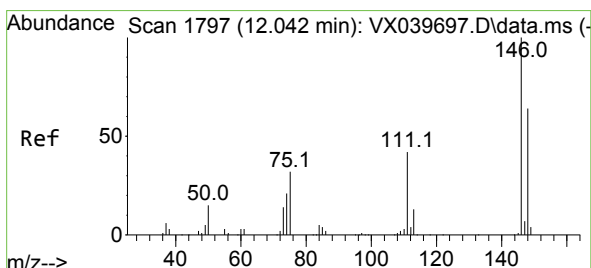
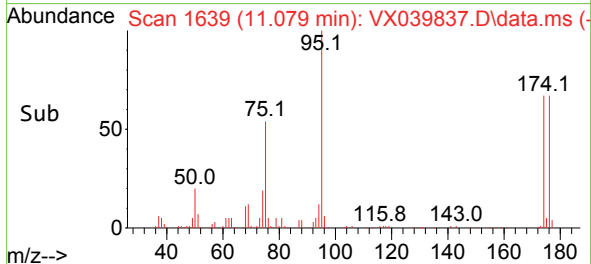
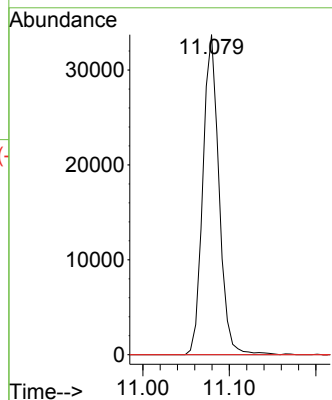
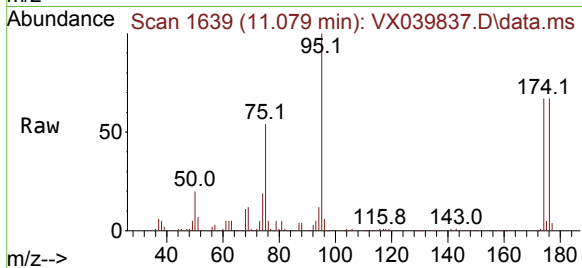




#81
trans-1,4-Dichloro-2-butene
Concen: 64.369 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

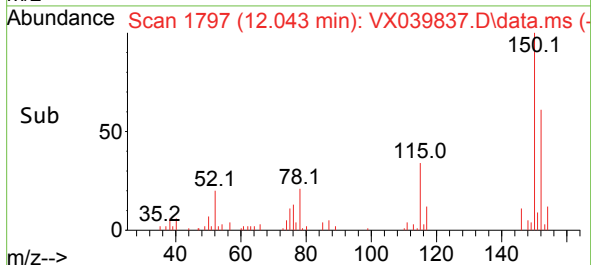
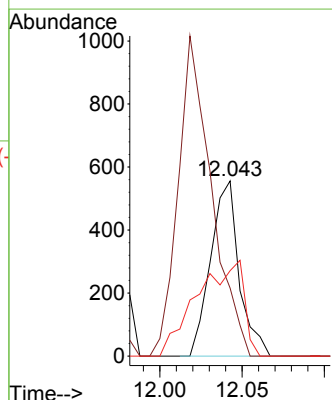
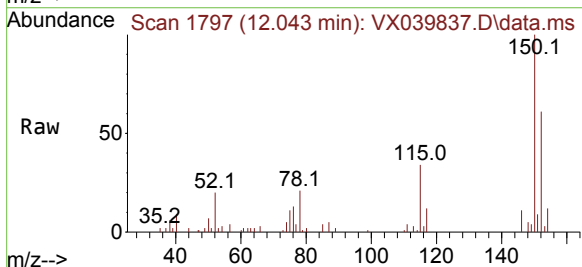
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-10-13

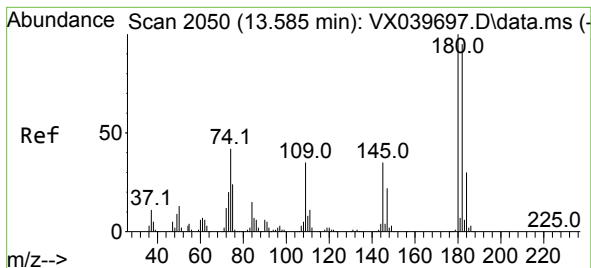
Tgt Ion: 75 Resp: 43583
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#88
1,4-Dichlorobenzene
Concen: 0.251 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039837.D
Acq: 19 Jan 2024 14:28

Tgt Ion:146 Resp: 668
Ion Ratio Lower Upper
146 100
111 0.0 21.3 63.7#
148 90.3 31.8 95.4





#93

1,2,4-Trichlorobenzene

Concen: 10.663 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039837.D

Acq: 19 Jan 2024 14:28

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-6-10-13

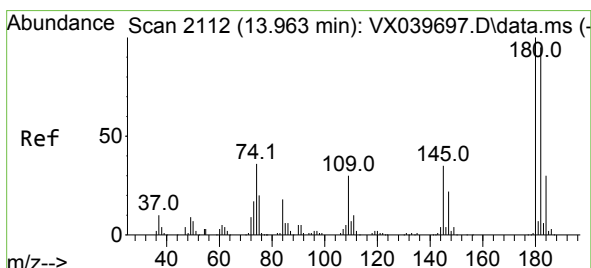
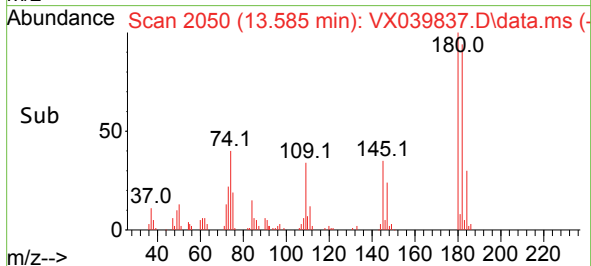
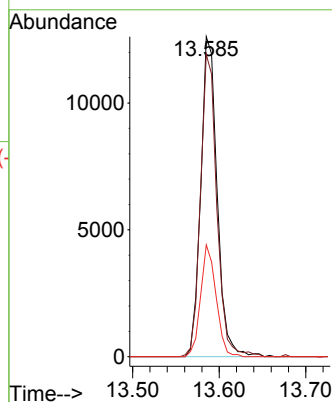
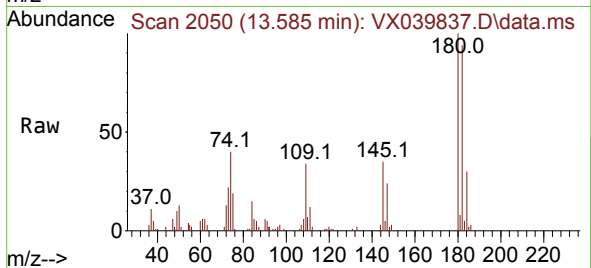
Tgt Ion:180 Resp: 16574

Ion Ratio Lower Upper

180 100

182 94.0 48.3 144.8

145 32.9 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 2.787 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039837.D

Acq: 19 Jan 2024 14:28

Tgt Ion:180 Resp: 4372

Ion Ratio Lower Upper

180 100

182 85.9 46.9 140.6

145 35.2 17.8 53.5

