

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039936.D
 Acq On : 24 Jan 2024 15:00
 Operator : JC/MD
 Sample : P1237-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-2-37-40

Quant Time: Jan 25 01:39:29 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)

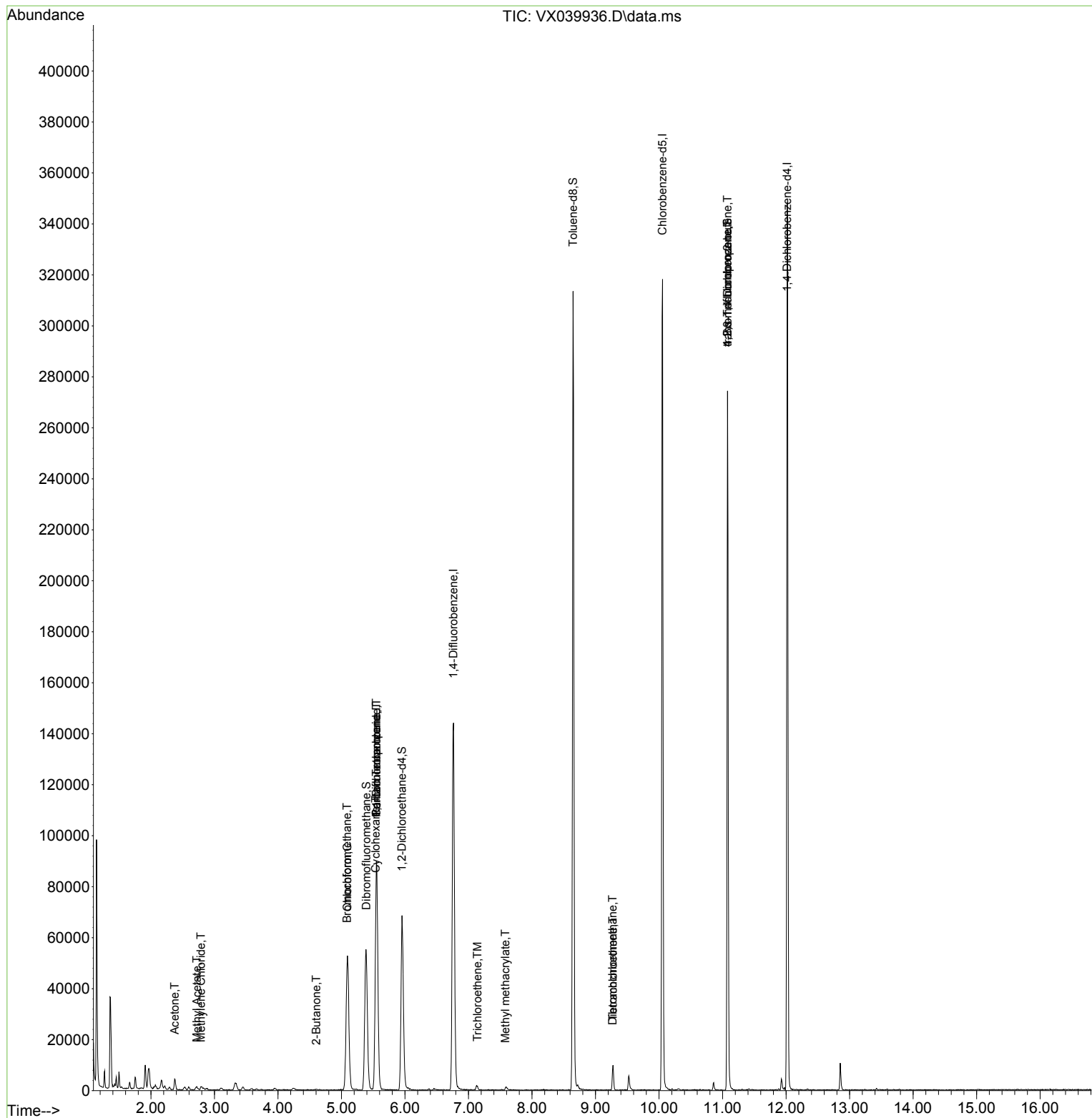
Internal Standards						
1) Pentafluorobenzene	5.550	168	76686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64890	50.514	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.020%		
35) Dibromofluoromethane	5.391	113	47979	50.019	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.040%		
50) Toluene-d8	8.647	98	175797	48.593	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.180%		
62) 4-Bromofluorobenzene	11.079	95	69551	49.163	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.320%		
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	24	Below Cal	#	1
16) Acetone	2.373	43	3887	5.380	ug/l	96
18) Methyl Acetate	2.721	43	424	0.281	ug/l #	53
20) Methylene Chloride	2.788	84	581	0.532	ug/l #	72
25) 2-Butanone	4.605	43	427	0.411	ug/l #	51
28) Bromochloromethane	5.086	49	5577	6.451	ug/l #	16
30) Chloroform	5.092	83	60924	32.360	ug/l	99
31) Cyclohexane	5.537	56	2371	1.399	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	7272	4.871	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8810	6.443	ug/l #	14
44) Trichloroethene	7.141	130	689	0.665	ug/l	86
48) Methyl methacrylate	7.580	41	509	0.354	ug/l #	25
60) Dibromochloromethane	9.268	129	1665	1.642	ug/l #	11
64) Tetrachloroethene	9.275	164	1695	1.944	ug/l #	91
76) 1,2,3-Trichloropropane	11.079	75	39859	23.003	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	39859	66.425	ug/l #	5

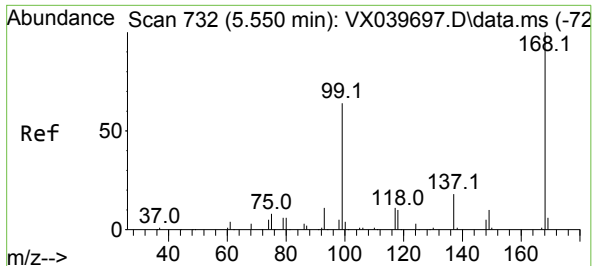
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P1237-09
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Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40

Quant Time: Jan 25 01:39:29 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

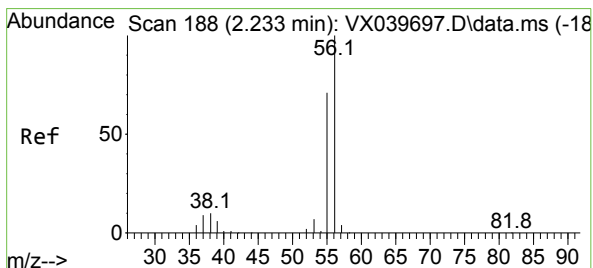
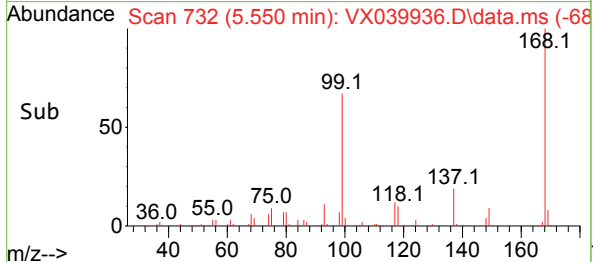
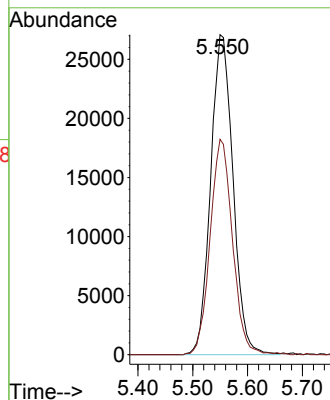
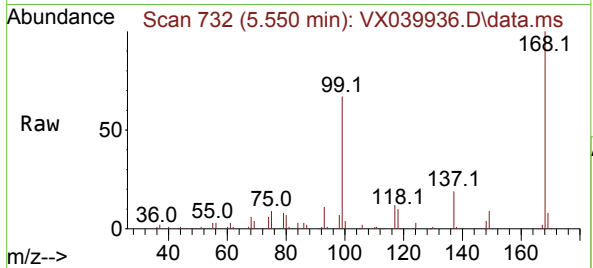




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

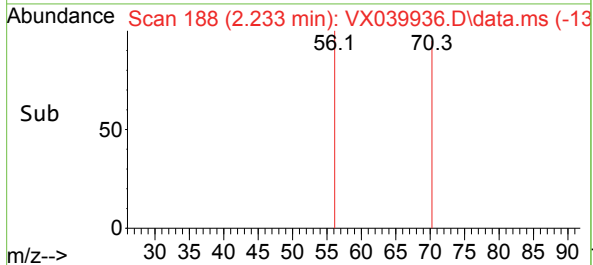
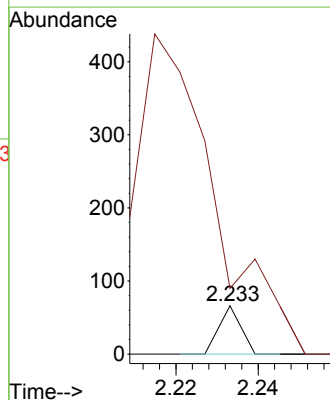
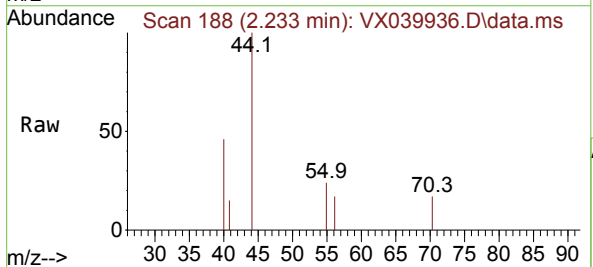
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40

Tgt Ion:168 Resp: 76686
Ion Ratio Lower Upper
168 100
99 67.3 56.6 85.0



#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 2708.3 57.1 85.7#

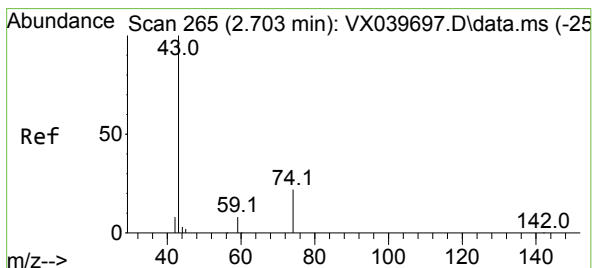
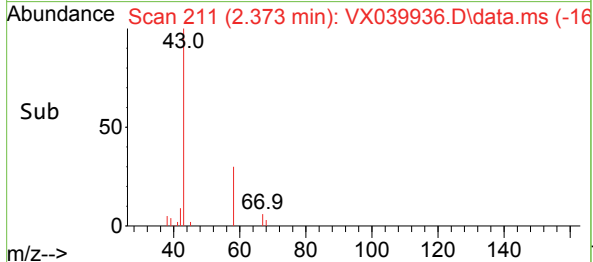
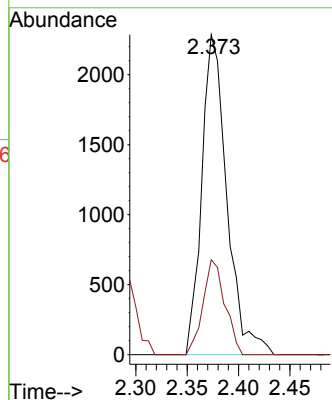
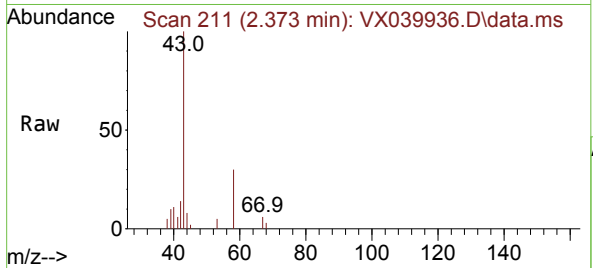




#16
Acetone
Concen: 5.380 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

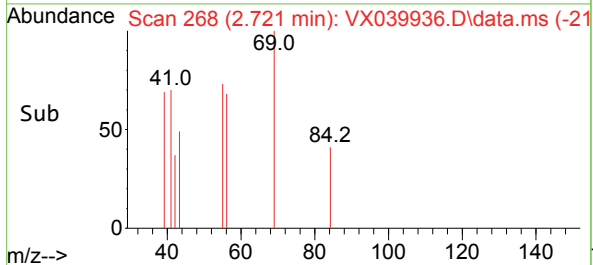
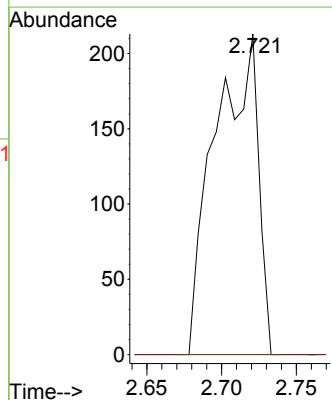
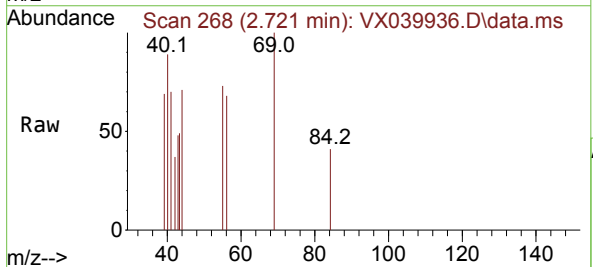
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40

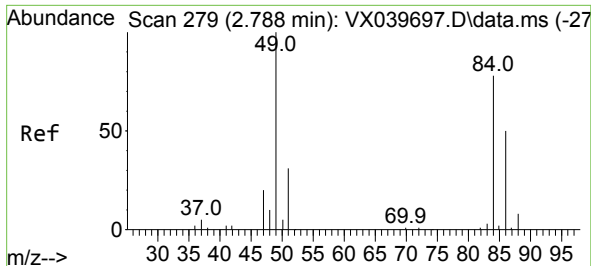
Tgt Ion: 43 Resp: 3887
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9



#18
Methyl Acetate
Concen: 0.281 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.018 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

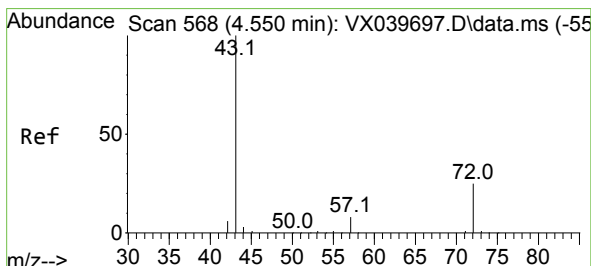
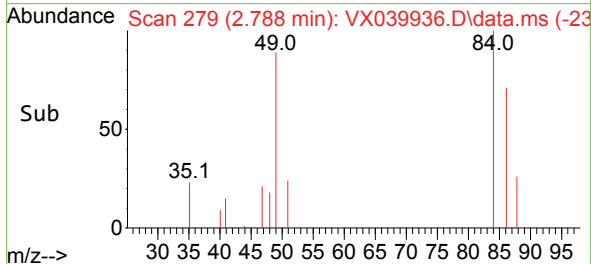
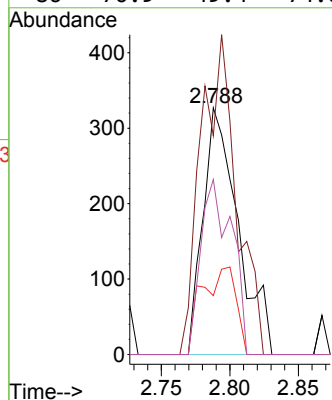
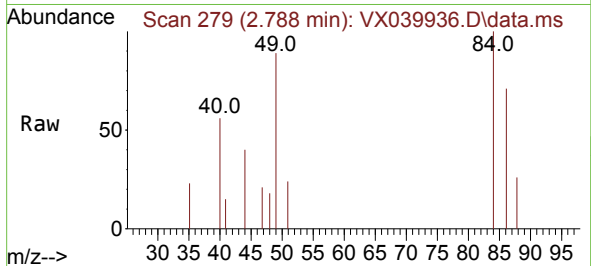




#20
Methylene Chloride
Concen: 0.532 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

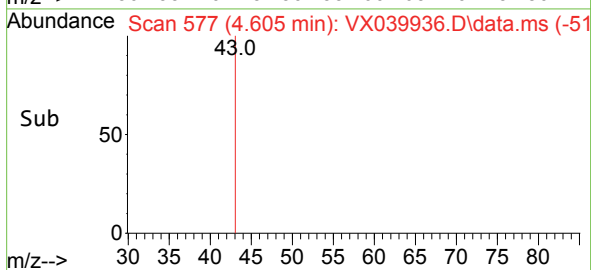
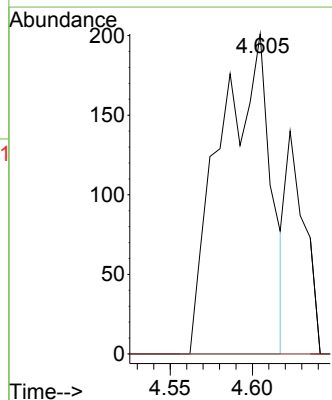
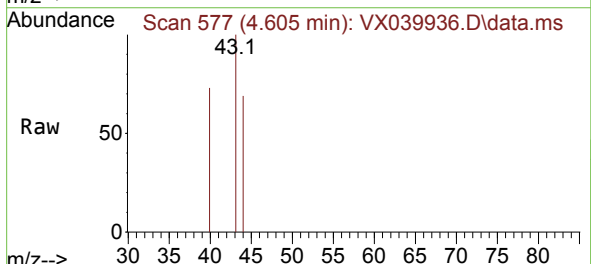
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40

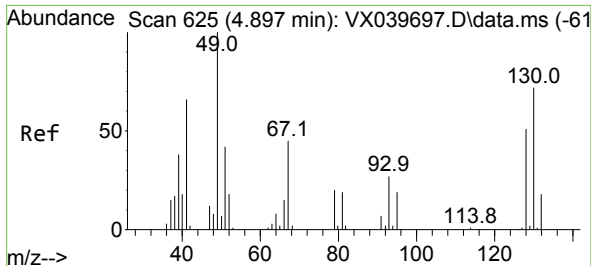
Tgt Ion:	84	Resp:	581
Ion	Ratio	Lower	Upper
84	100		
49	88.7	103.6	155.4#
51	23.9	33.8	50.6#
86	70.9	49.4	74.0



#25
2-Butanone
Concen: 0.411 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.055 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

Tgt Ion:	43	Resp:	427
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

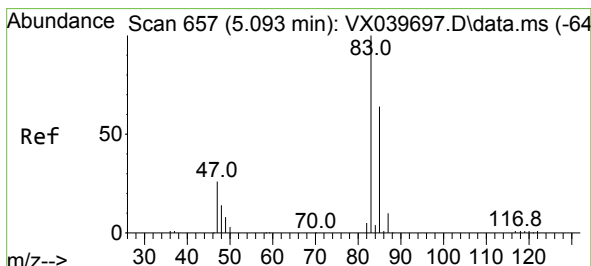
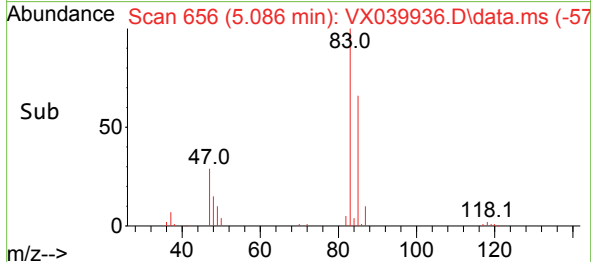
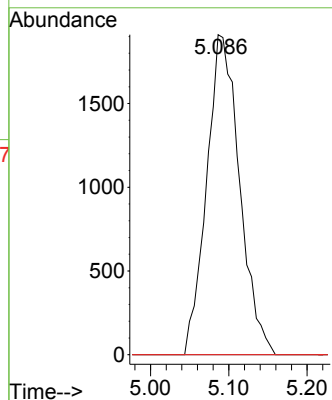
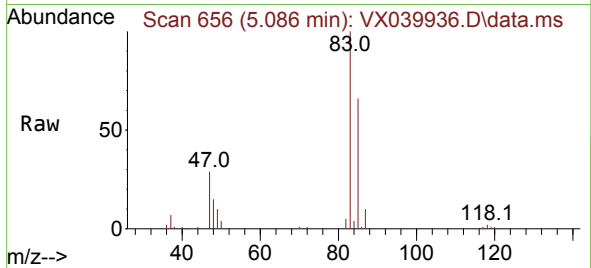




#28
Bromochloromethane
Concen: 6.451 ug/l
RT: 5.086 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

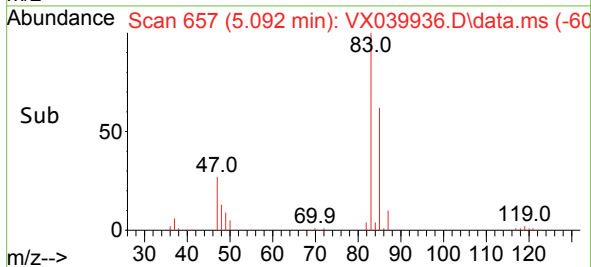
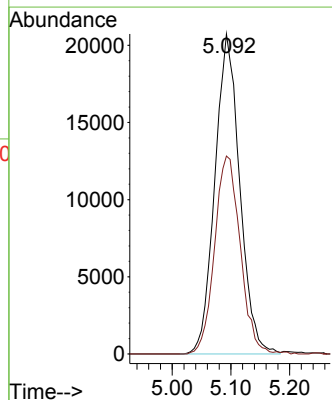
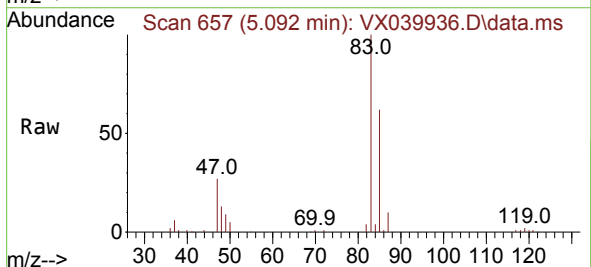
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40

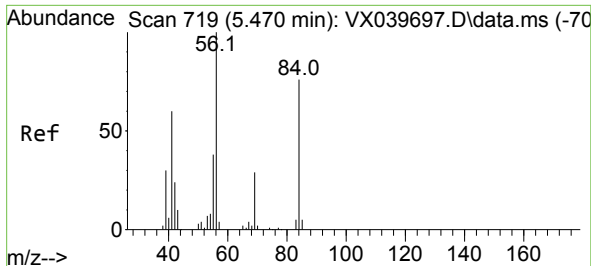
Tgt Ion: 49 Resp: 5577
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 32.360 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

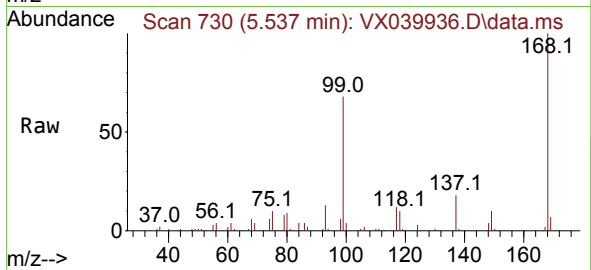
Tgt Ion: 83 Resp: 60924
Ion Ratio Lower Upper
83 100
85 61.8 50.3 75.5



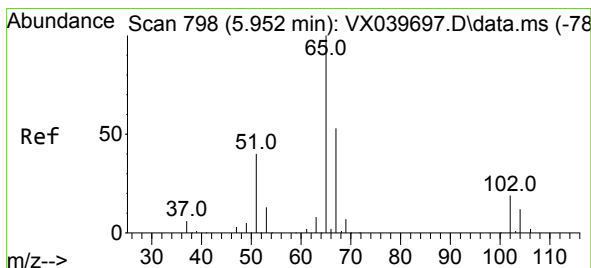
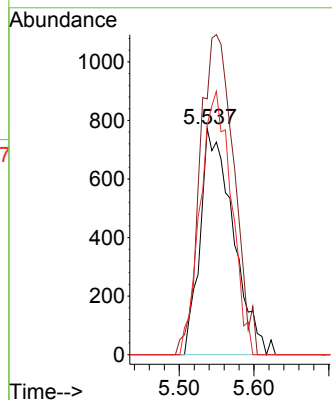
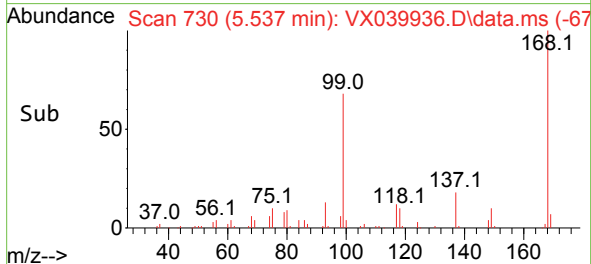


#31
Cyclohexane
Concen: 1.399 ug/l
RT: 5.537 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40

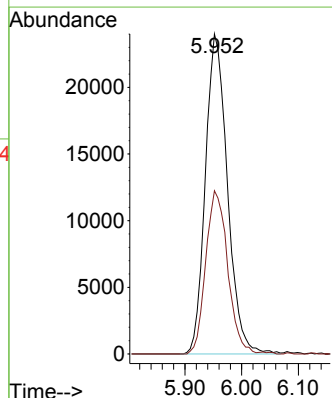
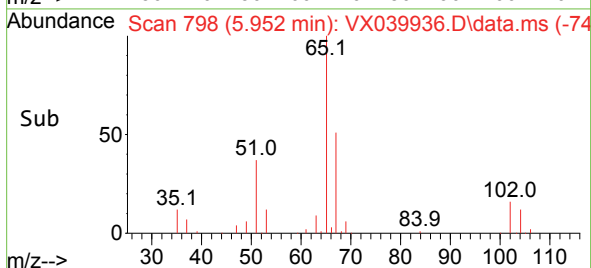
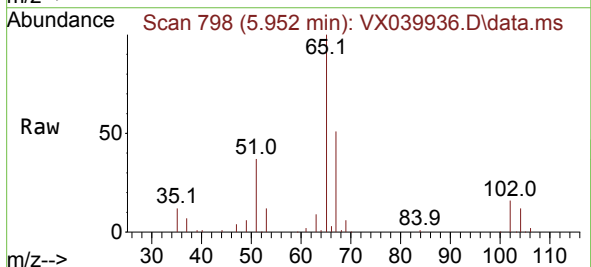


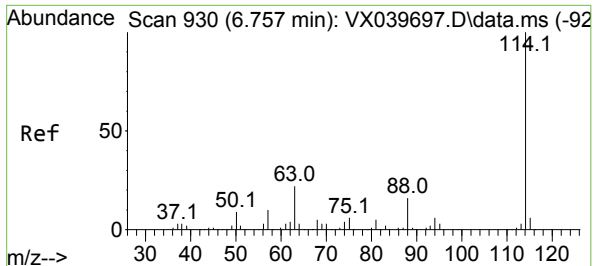
Tgt Ion: 56 Resp: 2371
Ion Ratio Lower Upper
56 100
69 113.2 23.4 35.2#
84 101.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.514 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

Tgt Ion: 65 Resp: 64890
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

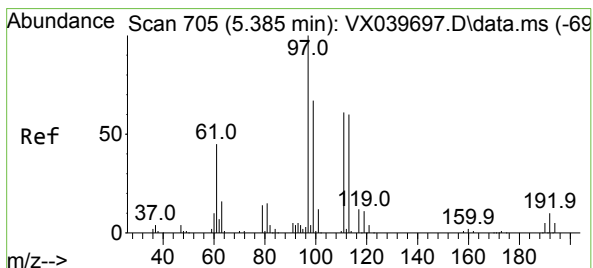
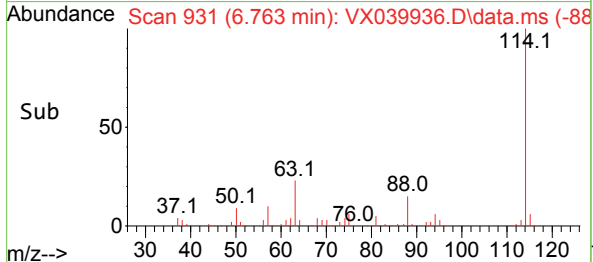
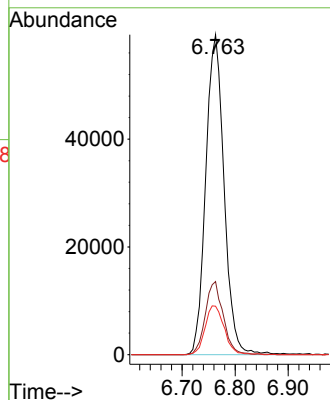
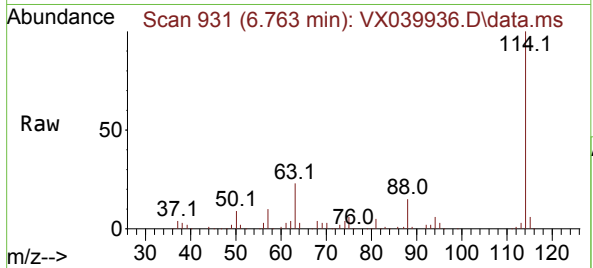




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

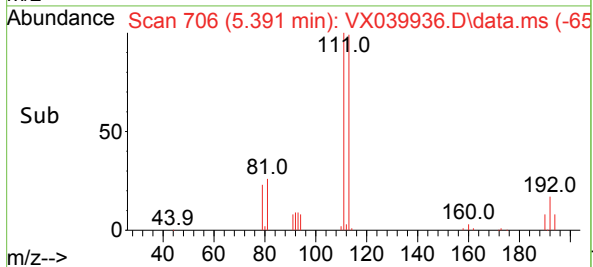
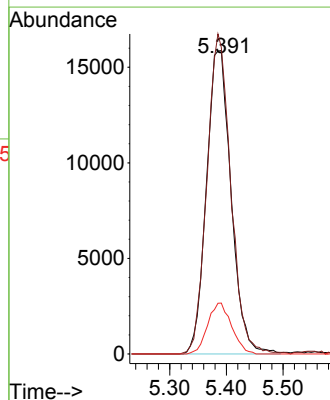
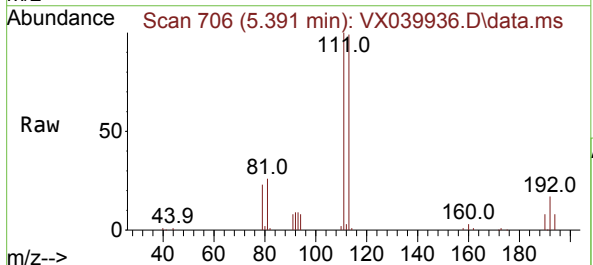
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40

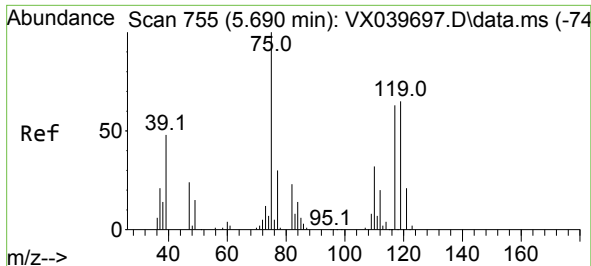
Tgt Ion:114 Resp: 142413
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.019 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

Tgt Ion:113 Resp: 47979
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 16.3 13.3 19.9

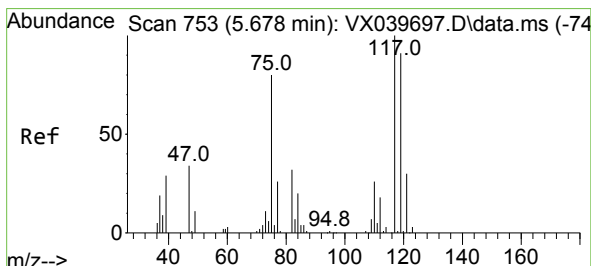
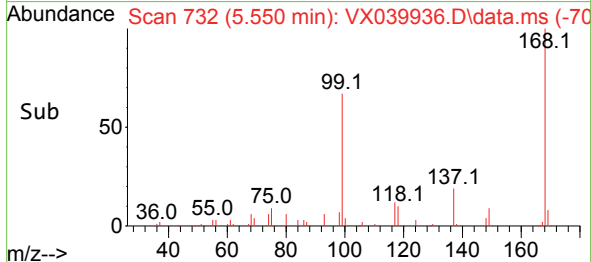
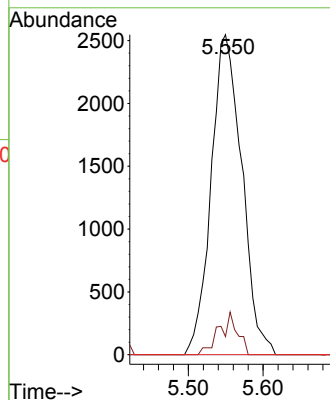
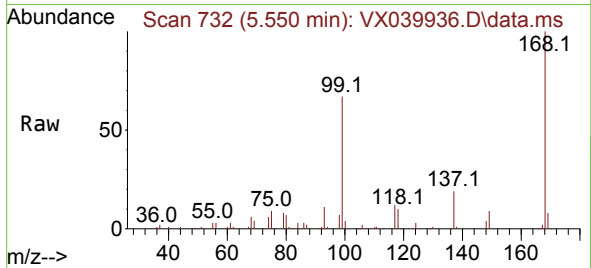




#36
1,1-Dichloropropene
Concen: 4.871 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

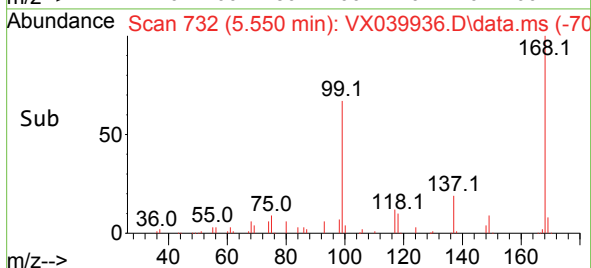
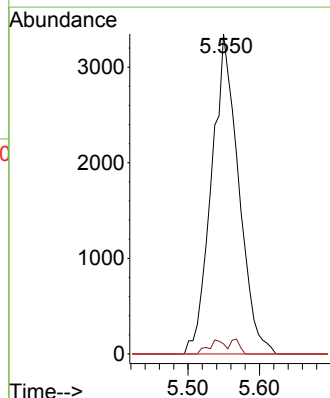
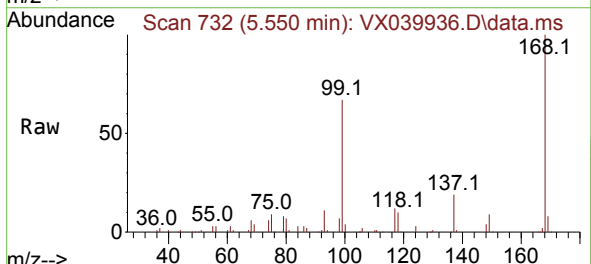
Instrument :
MSVOA_X
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SUMOGW-2-37-40

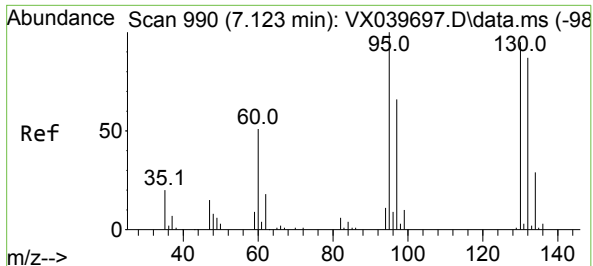
Tgt Ion: 75 Resp: 7272
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.443 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

Tgt Ion: 117 Resp: 8810
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#

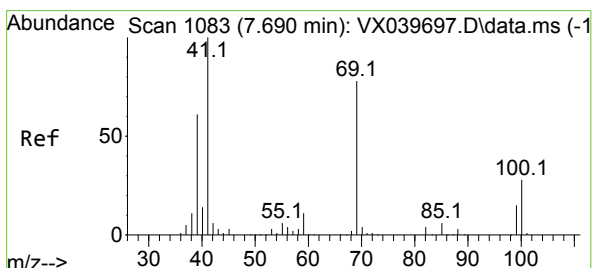
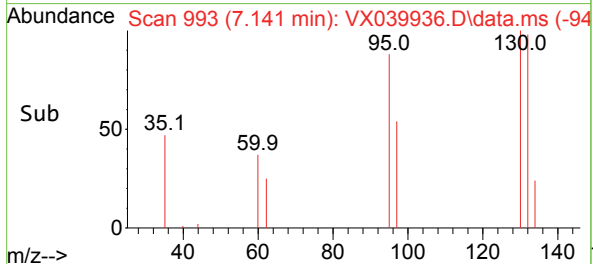
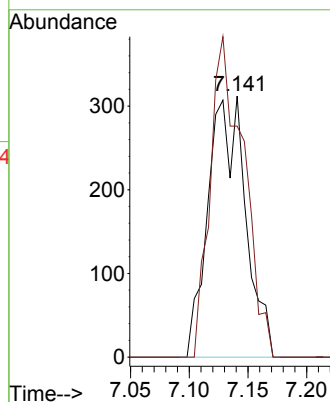
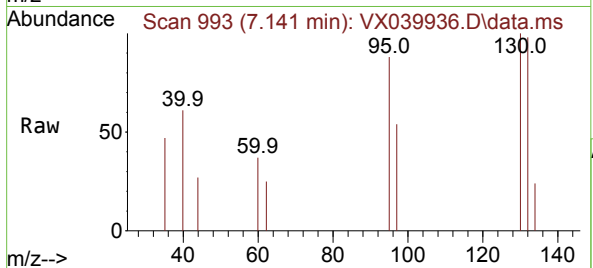




#44
Trichloroethene
Concen: 0.665 ug/l
RT: 7.141 min Scan# 990
Delta R.T. 0.018 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

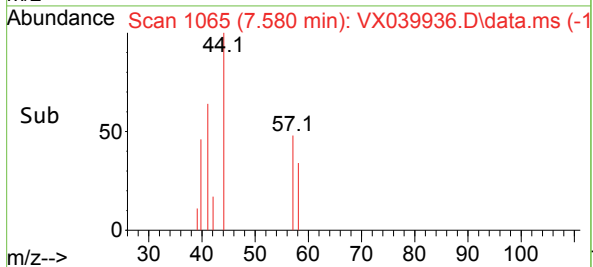
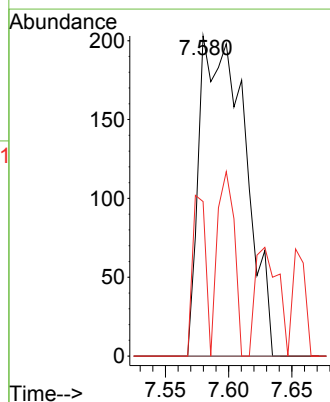
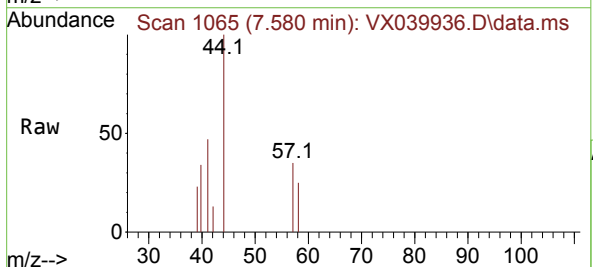
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40

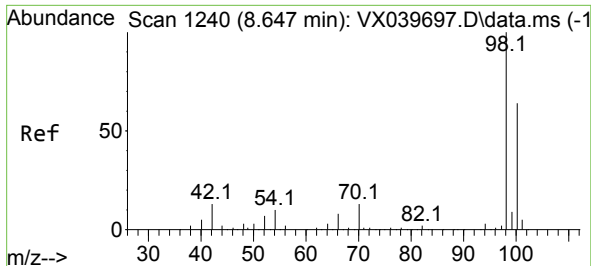
Tgt Ion:130 Resp: 689
Ion Ratio Lower Upper
130 100
95 88.5 0.0 204.4



#48
Methyl methacrylate
Concen: 0.354 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.110 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

Tgt Ion: 41 Resp: 509
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 14.3 47.7 71.5#

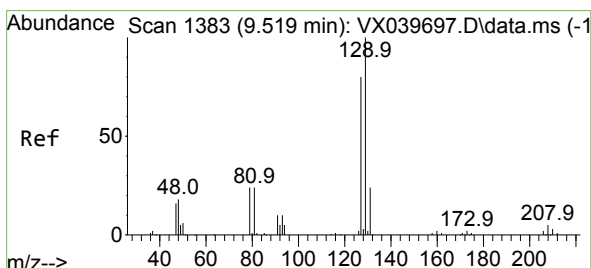
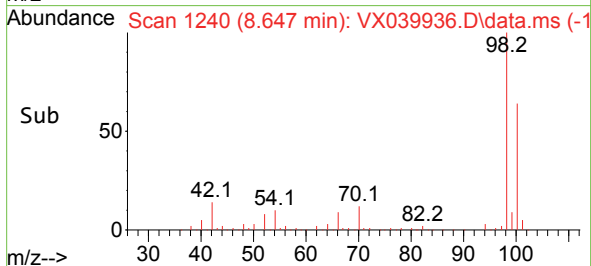
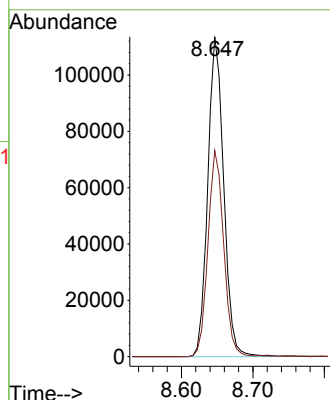
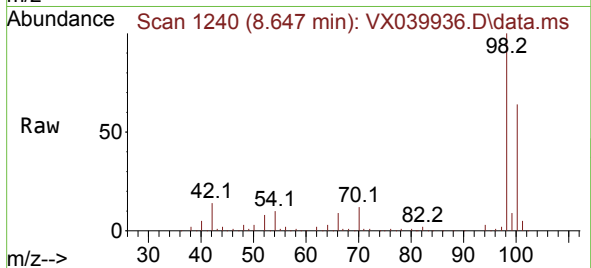




#50
Toluene-d8
Concen: 48.593 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

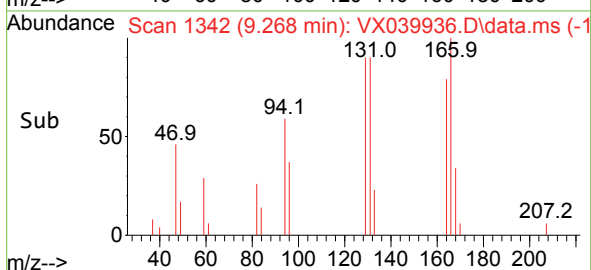
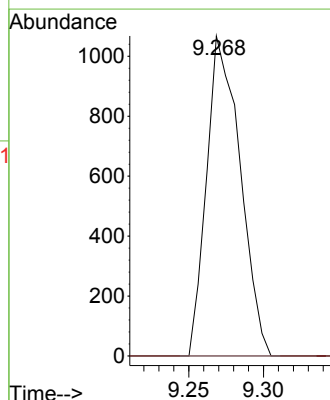
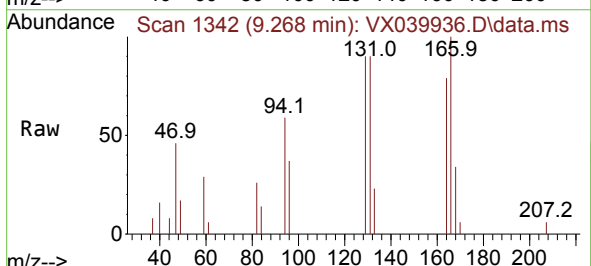
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40

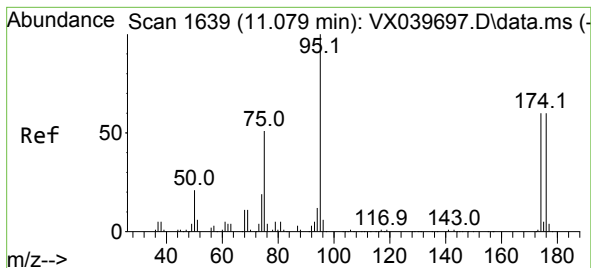
Tgt Ion: 98 Resp: 175797
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#60
Dibromochloromethane
Concen: 1.642 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

Tgt Ion: 129 Resp: 1665
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

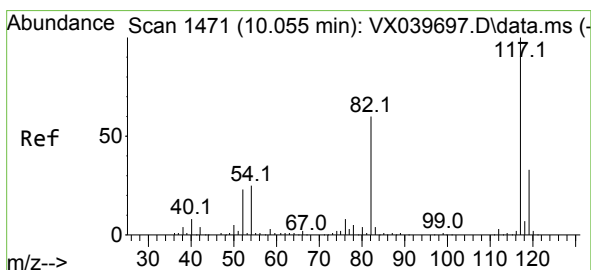
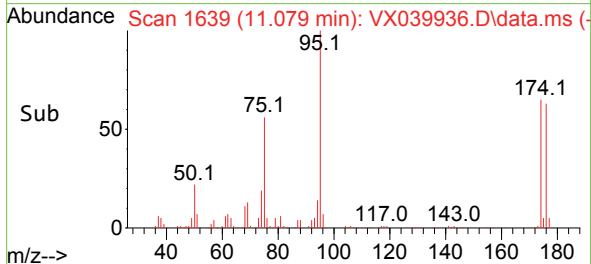
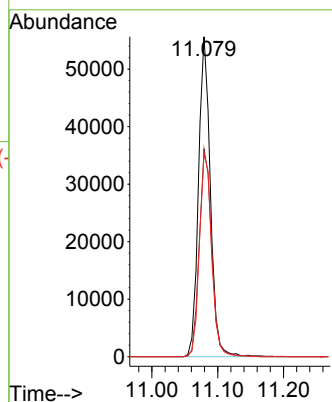
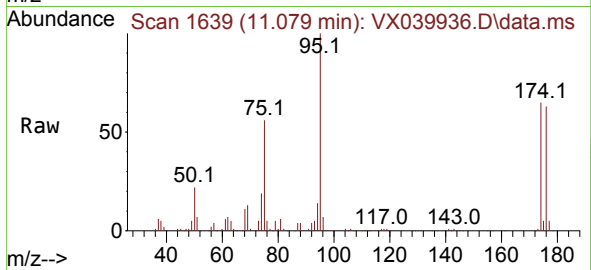




#62
4-Bromofluorobenzene
Concen: 49.163 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

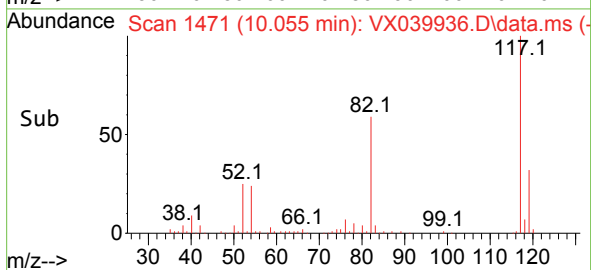
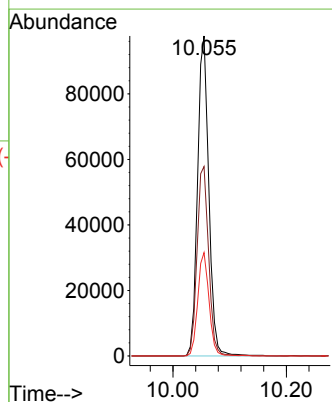
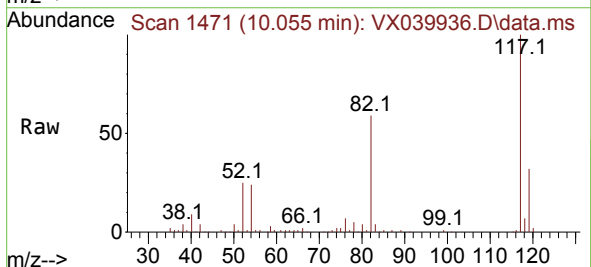
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40

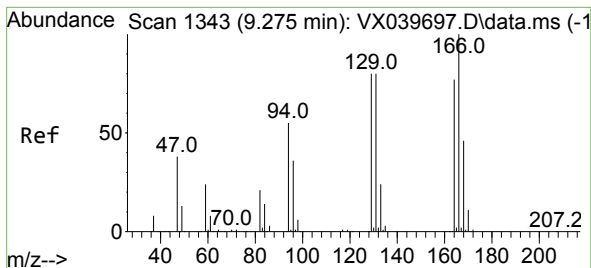
Tgt Ion: 95 Resp: 69551
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.6
176 65.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

Tgt Ion: 117 Resp: 134071
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 32.3 25.5 38.3





#64

Tetrachloroethene

Concen: 1.944 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039936.D

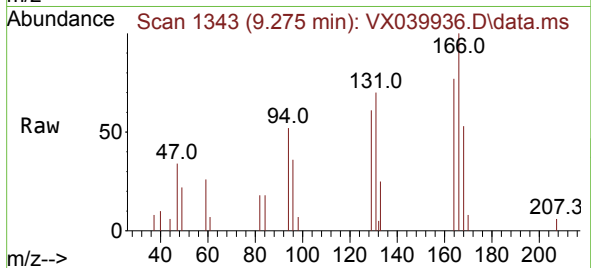
Acq: 24 Jan 2024 15:00

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-2-37-40



Tgt Ion:164 Resp: 1695

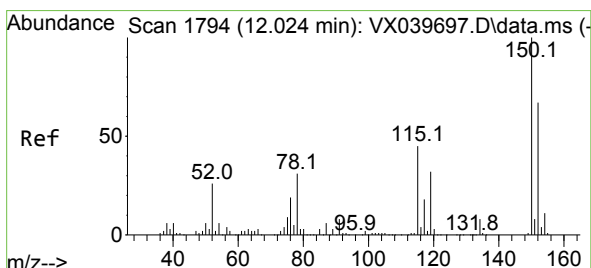
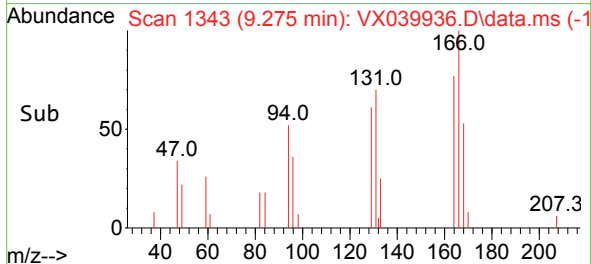
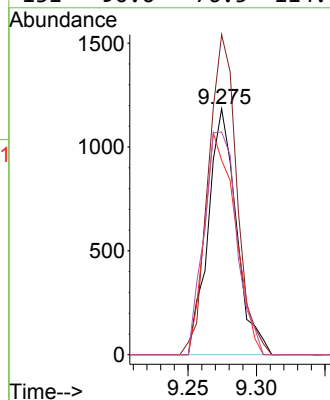
Ion Ratio Lower Upper

164 100

166 130.2 102.7 154.1

129 79.1 80.4 120.6#

131 90.6 76.5 114.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039936.D

Acq: 24 Jan 2024 15:00

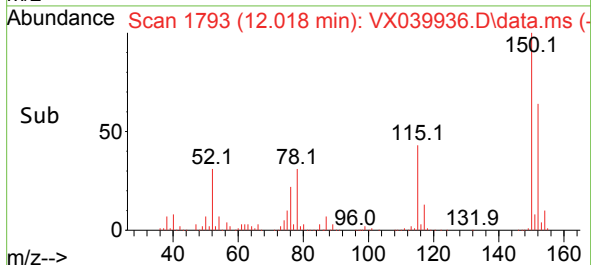
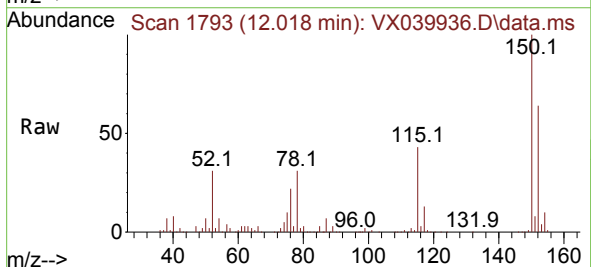
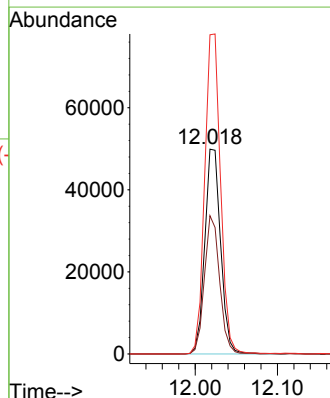
Tgt Ion:152 Resp: 66835

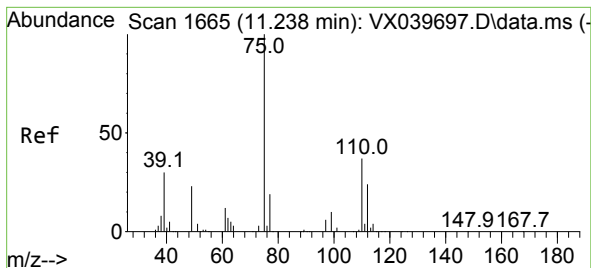
Ion Ratio Lower Upper

152 100

115 64.7 43.3 129.9

150 155.9 0.0 345.0

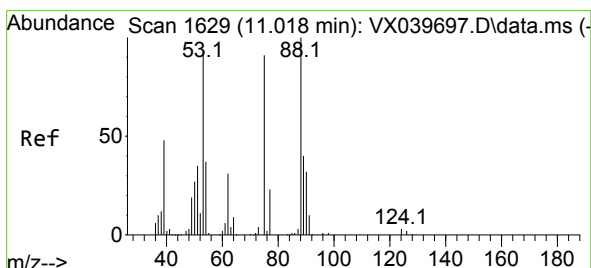
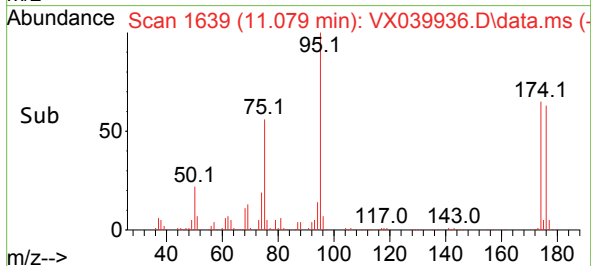
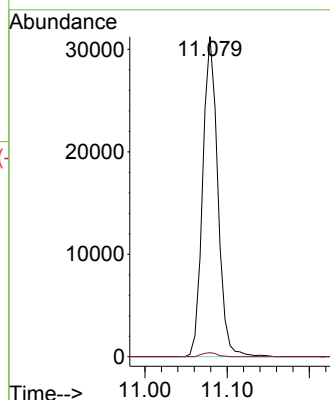
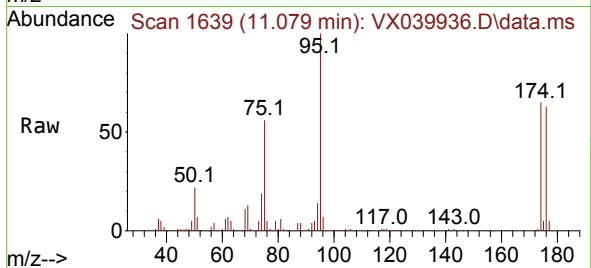




#76
1,2,3-Trichloropropane
Concen: 23.003 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-2-37-40

Tgt Ion: 75 Resp: 39859
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.425 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039936.D
Acq: 24 Jan 2024 15:00

Tgt Ion: 75 Resp: 39859
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

