

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039840.D
 Acq On : 19 Jan 2024 15:36
 Operator : JC/MD
 Sample : P1184-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-4-10-13

Quant Time: Jan 20 00:27:12 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)

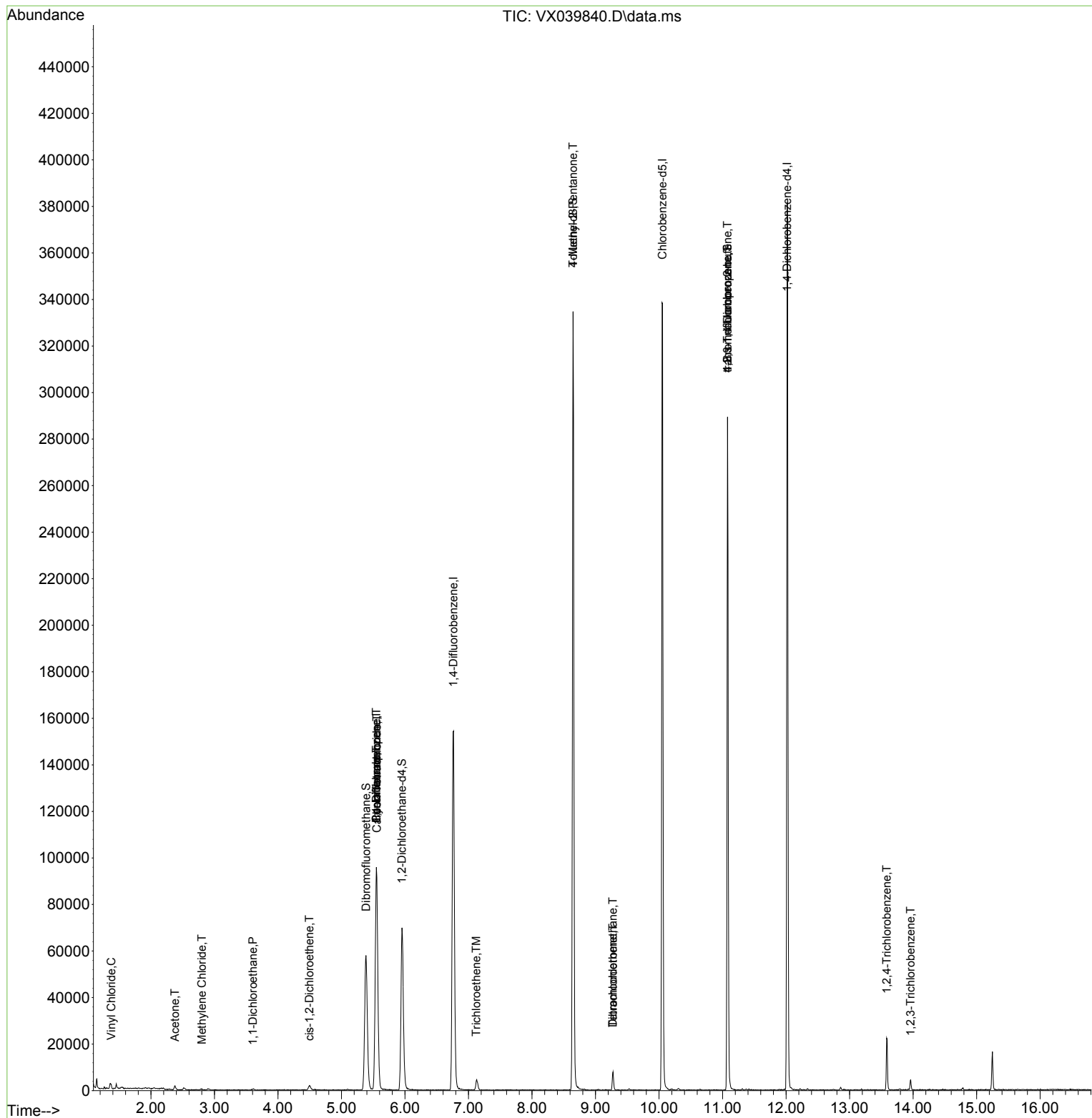
Internal Standards						
1) Pentafluorobenzene	5.550	168	83791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	154963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65882	46.937	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.880%		
35) Dibromofluoromethane	5.385	113	50852	48.721	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.647	98	191357	48.610	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.220%		
62) 4-Bromofluorobenzene	11.079	95	75046	48.751	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.500%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	423	0.362	ug/l #	73
16) Acetone	2.380	43	1982	2.511	ug/l	91
20) Methylene Chloride	2.800	84	301	0.252	ug/l #	49
24) 1,1-Dichloroethane	3.605	63	666	0.320	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	1209	0.993	ug/l	76
31) Cyclohexane	5.550	56	2220	1.198	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	7731	4.759	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9426	6.335	ug/l #	14
44) Trichloroethene	7.123	130	1758	1.559	ug/l	85
51) 4-Methyl-2-Pentanone	8.647	43	1088	0.497	ug/l #	1
60) Dibromochloromethane	9.275	129	1367	1.239	ug/l #	11
64) Tetrachloroethene	9.275	164	1383	1.419	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	41882	22.148	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41882	64.228	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	5294	3.535	ug/l	94
96) 1,2,3-Trichlorobenzene	13.963	180	1131	0.748	ug/l	95

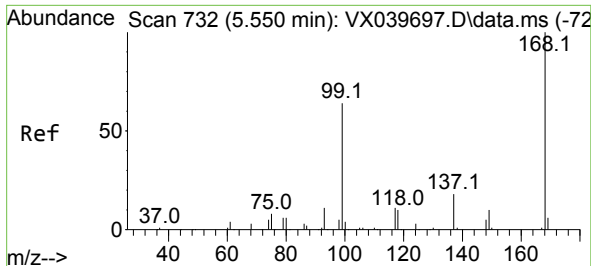
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SUMOGW-4-10-13

Quant Time: Jan 20 00:27:12 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

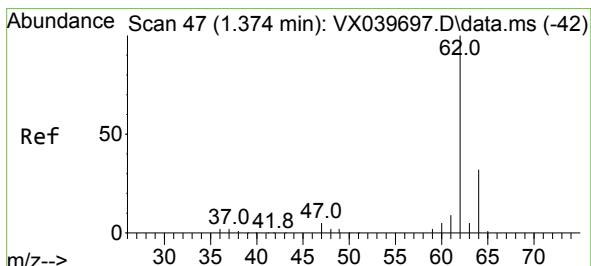
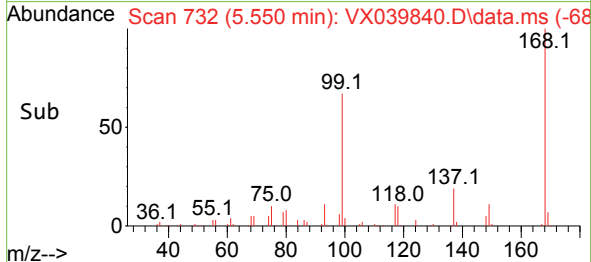
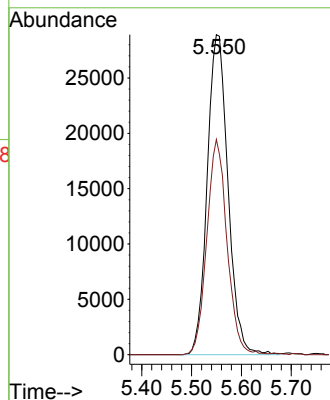
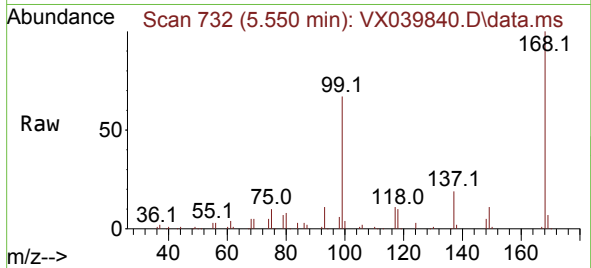




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

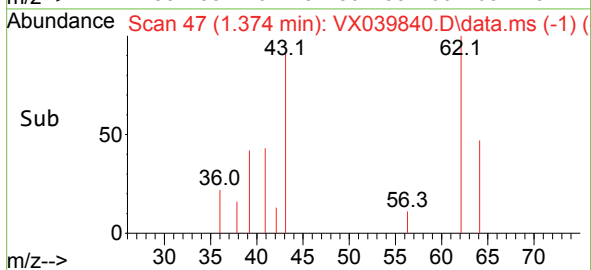
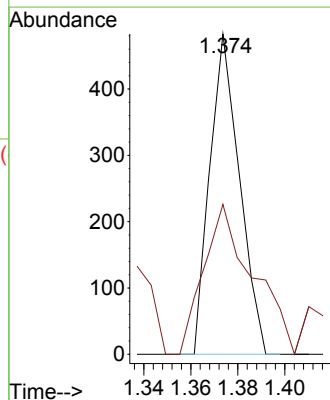
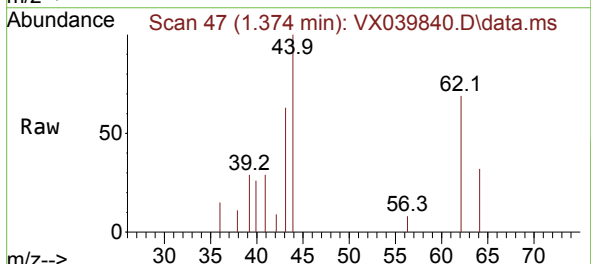
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-10-13

Tgt Ion:168 Resp: 83791
Ion Ratio Lower Upper
168 100
99 67.3 56.6 85.0



#4
Vinyl Chloride
Concen: 0.362 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

Tgt Ion: 62 Resp: 423
Ion Ratio Lower Upper
62 100
64 46.8 25.4 38.0#





#16

Acetone

Concen: 2.511 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039840.D

Acq: 19 Jan 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

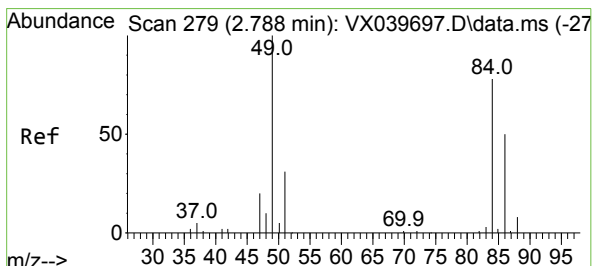
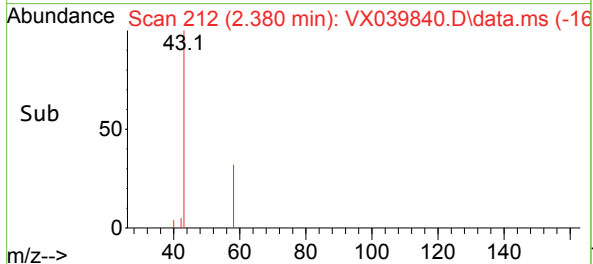
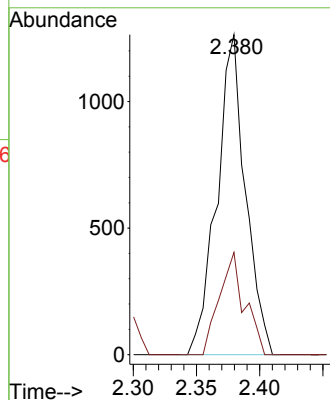
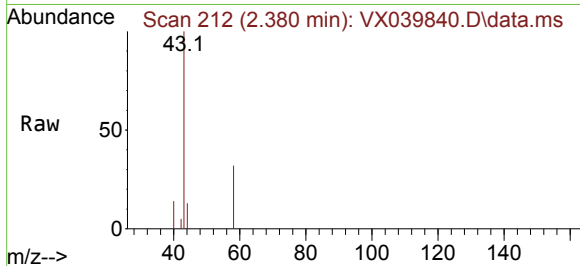
SUMOGW-4-10-13

Tgt Ion: 43 Resp: 1982

Ion Ratio Lower Upper

43 100

58 32.0 21.9 32.9



#20

Methylene Chloride

Concen: 0.252 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX039840.D

Acq: 19 Jan 2024 15:36

Tgt Ion: 84 Resp: 301

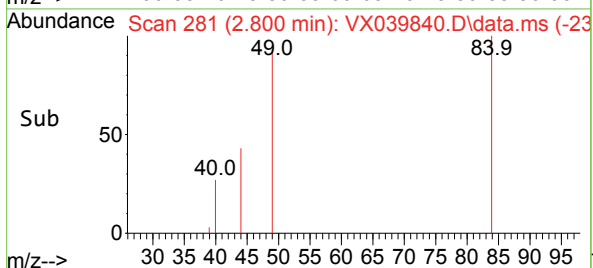
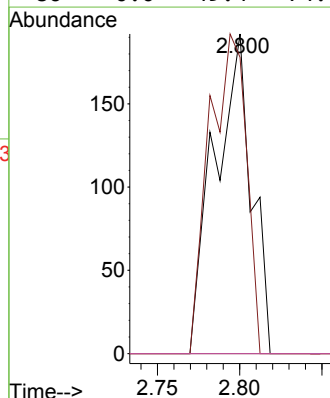
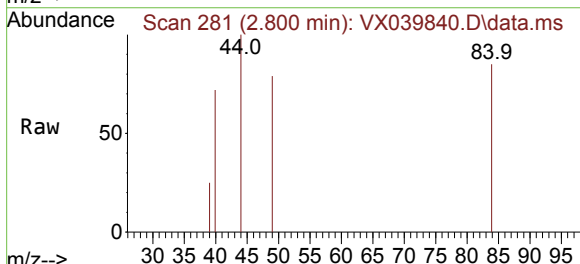
Ion Ratio Lower Upper

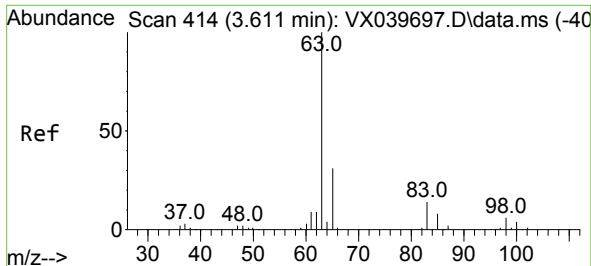
84 100

49 92.7 103.6 155.4#

51 0.0 33.8 50.6#

86 0.0 49.4 74.0#





#24

1,1-Dichloroethane

Concen: 0.320 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039840.D

Acq: 19 Jan 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-4-10-13

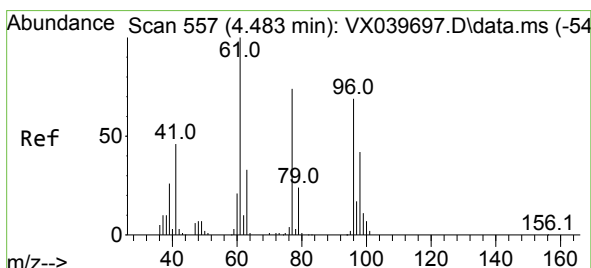
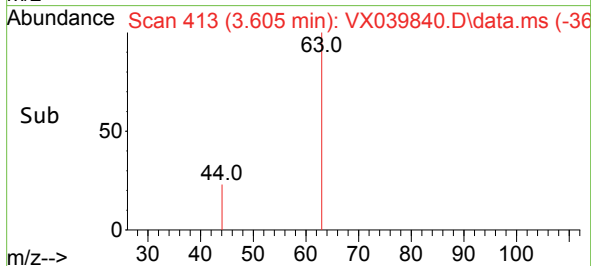
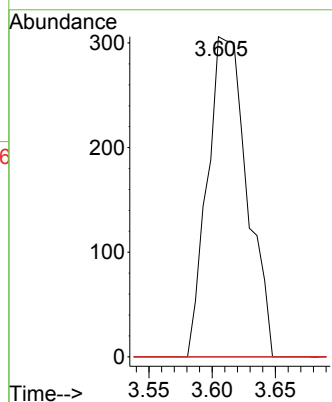
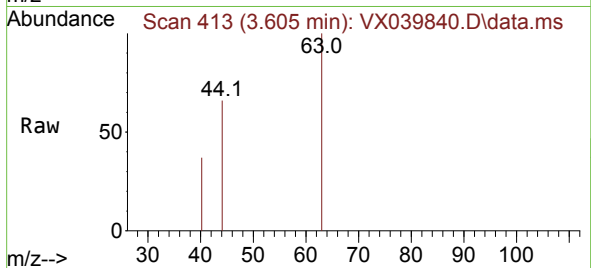
Tgt Ion: 63 Resp: 666

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.1 6.5#



#27

cis-1,2-Dichloroethene

Concen: 0.993 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.012 min

Lab File: VX039840.D

Acq: 19 Jan 2024 15:36

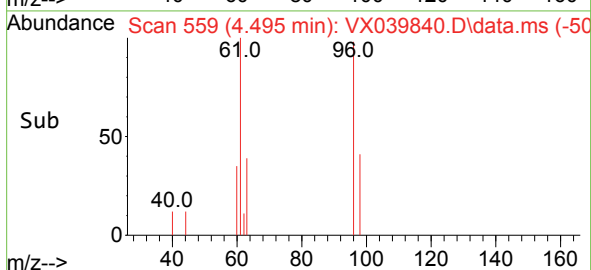
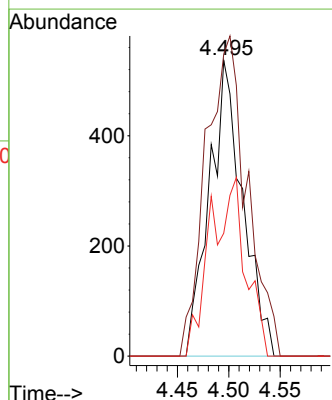
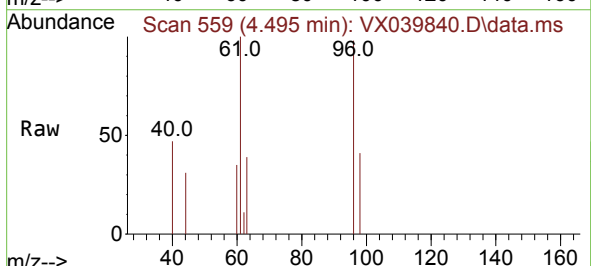
Tgt Ion: 96 Resp: 1209

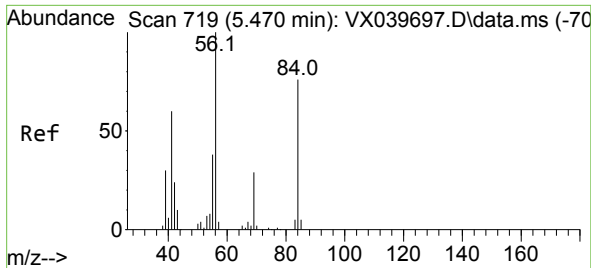
Ion Ratio Lower Upper

96 100

61 132.7 0.0 312.2

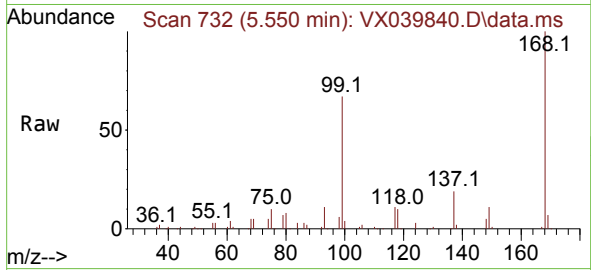
98 33.2 0.0 129.0



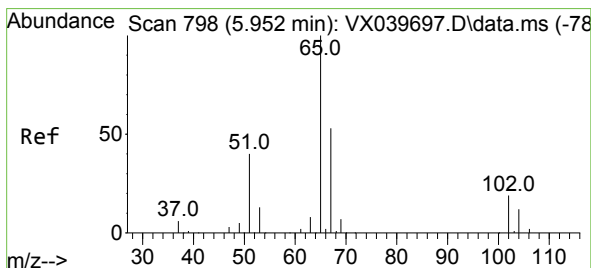
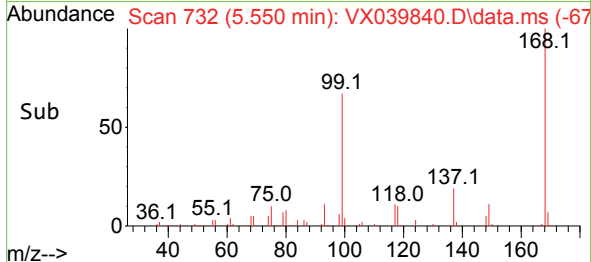
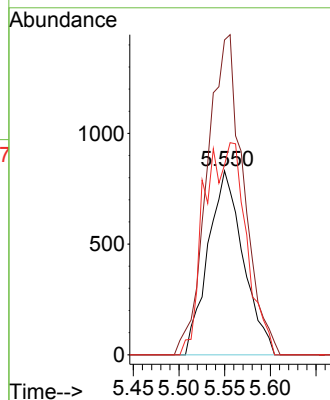


#31
Cyclohexane
Concen: 1.198 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-10-13

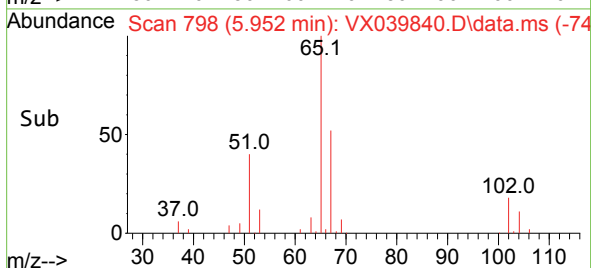
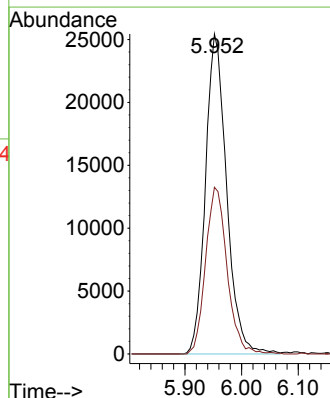
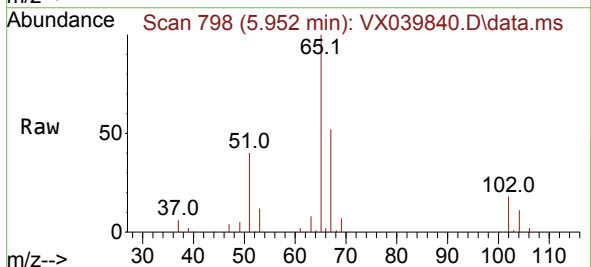


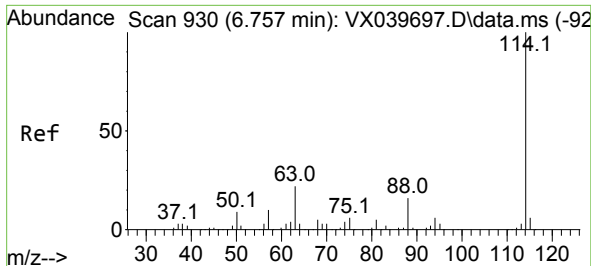
Tgt Ion: 56 Resp: 2220
Ion Ratio Lower Upper
56 100
69 171.1 23.4 35.2#
84 103.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.937 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

Tgt Ion: 65 Resp: 65882
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

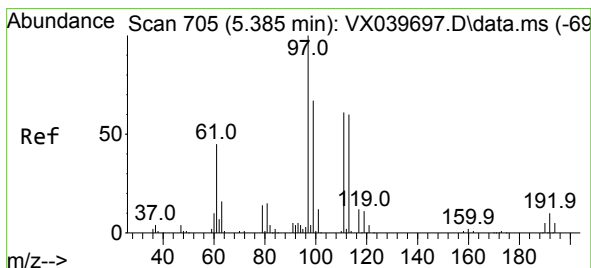
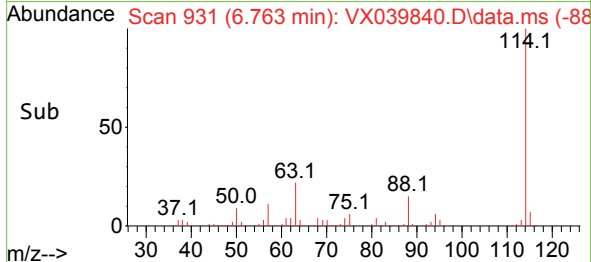
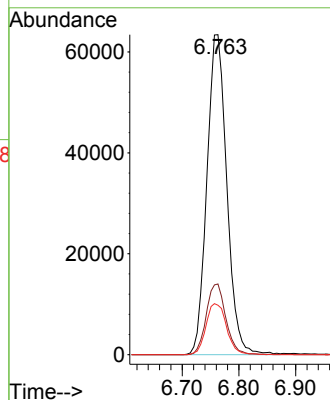
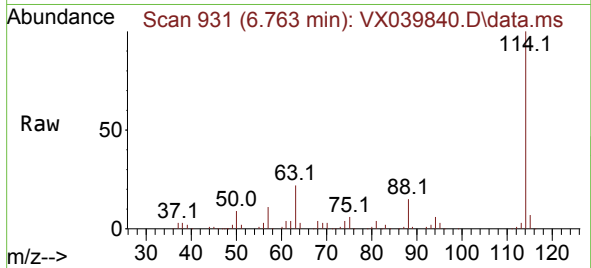




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

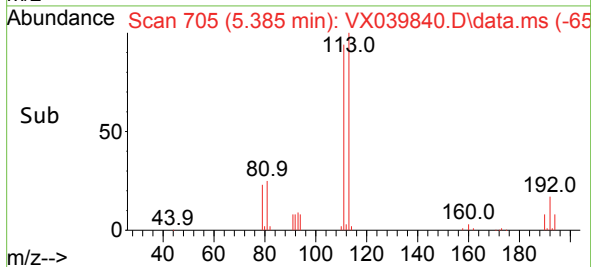
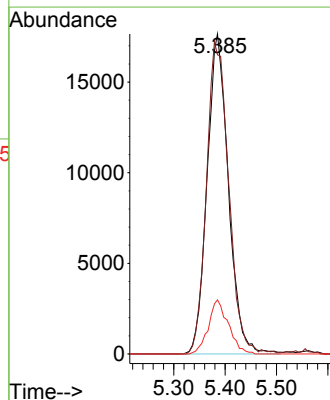
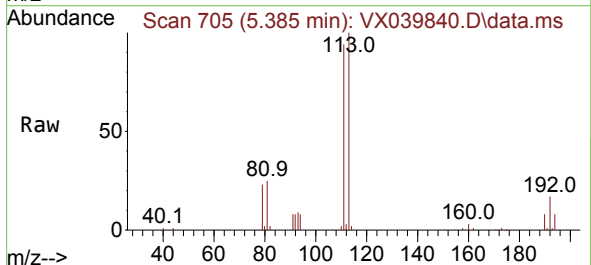
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-10-13

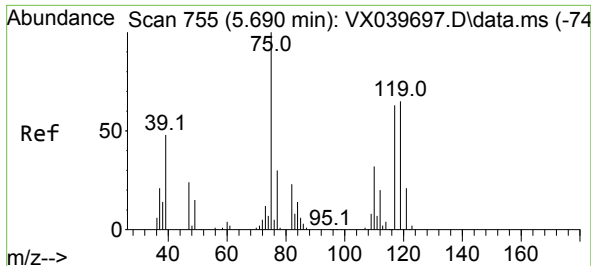
Tgt Ion:114 Resp: 154963
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.721 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

Tgt Ion:113 Resp: 50852
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 15.9 13.3 19.9

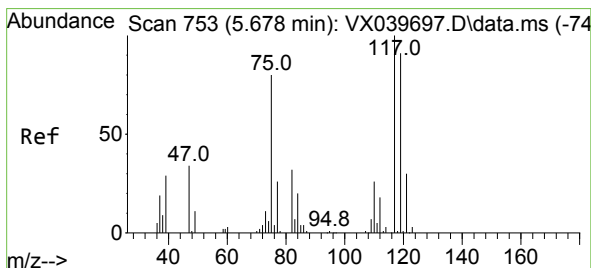
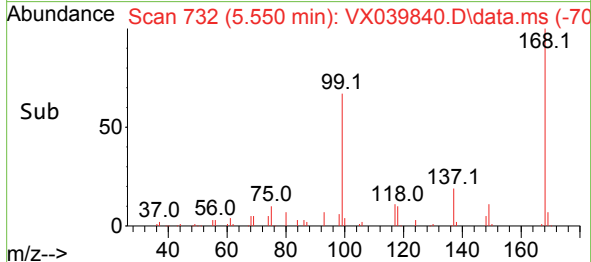
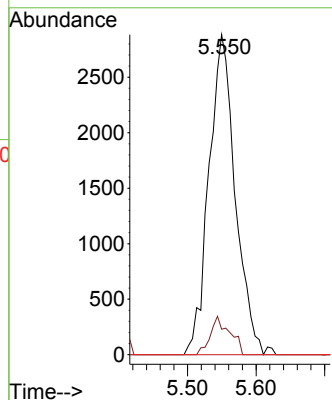
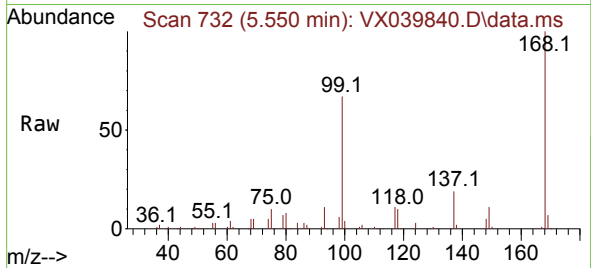




#36
1,1-Dichloropropene
Concen: 4.759 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

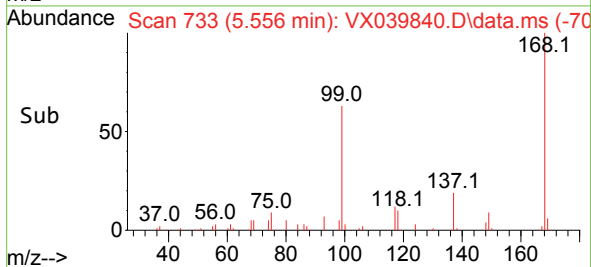
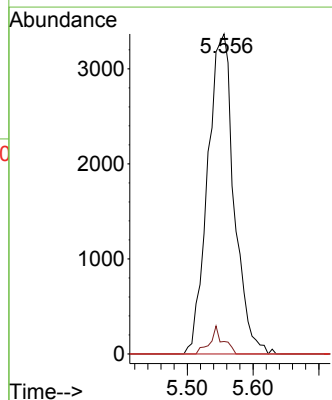
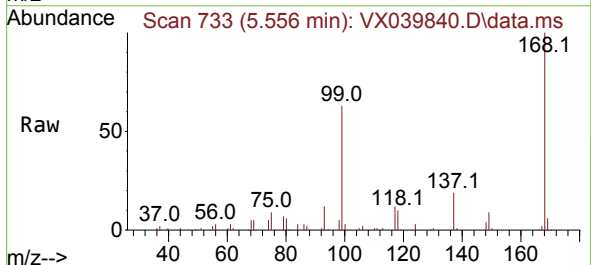
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SUMOGW-4-10-13

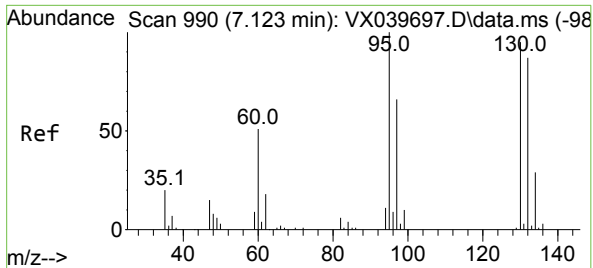
Tgt Ion: 75 Resp: 7731
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.335 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

Tgt Ion: 117 Resp: 9426
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#





#44

Trichloroethene

Concen: 1.559 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX039840.D

Acq: 19 Jan 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

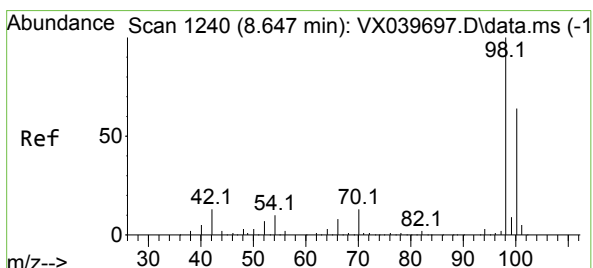
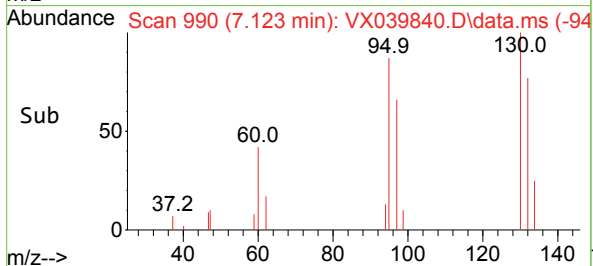
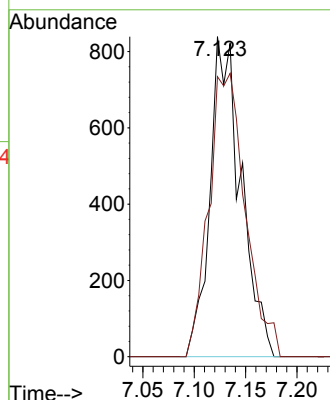
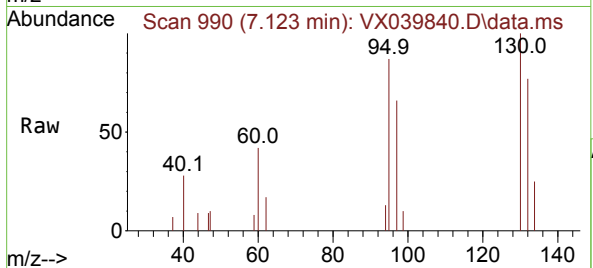
SUMOGW-4-10-13

Tgt Ion:130 Resp: 1758

Ion Ratio Lower Upper

130 100

95 87.5 0.0 204.4



#50

Toluene-d8

Concen: 48.610 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039840.D

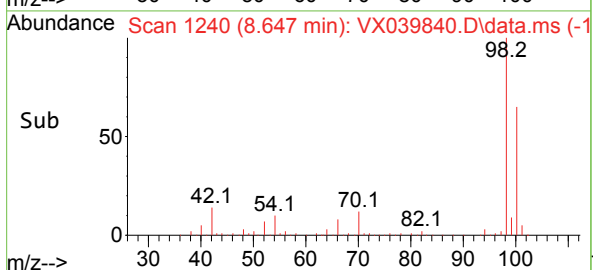
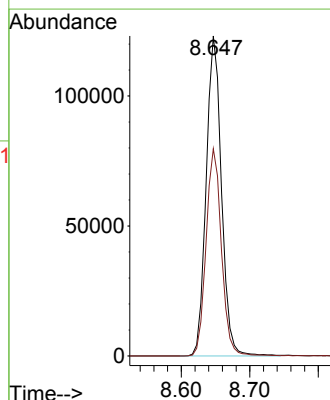
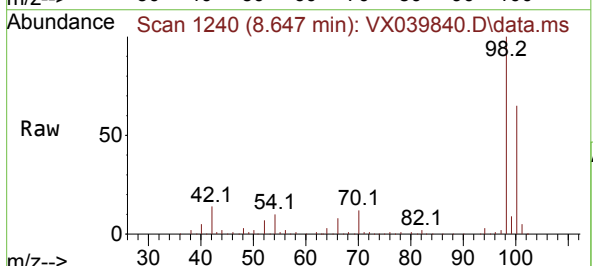
Acq: 19 Jan 2024 15:36

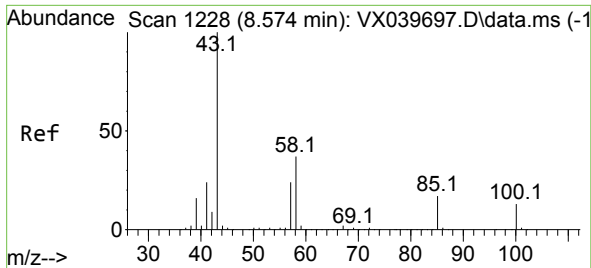
Tgt Ion: 98 Resp: 191357

Ion Ratio Lower Upper

98 100

100 65.1 53.1 79.7

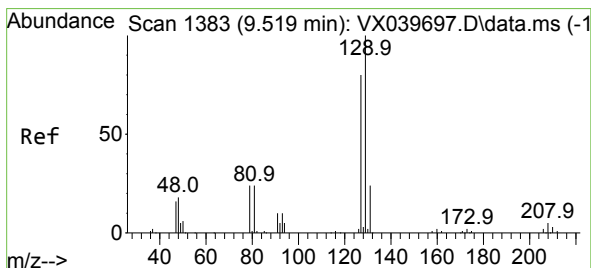
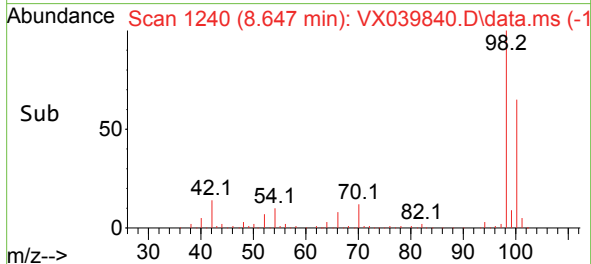
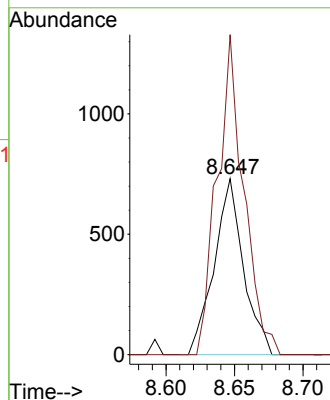
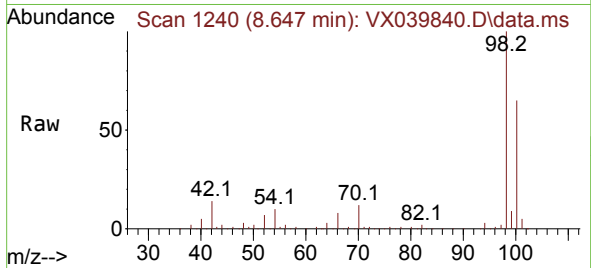




#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

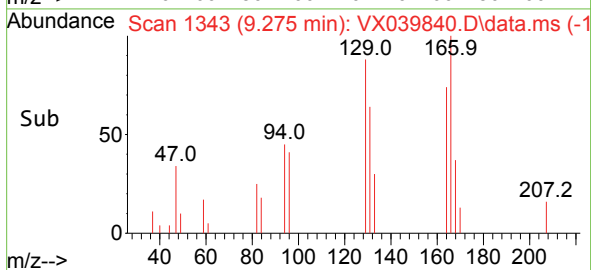
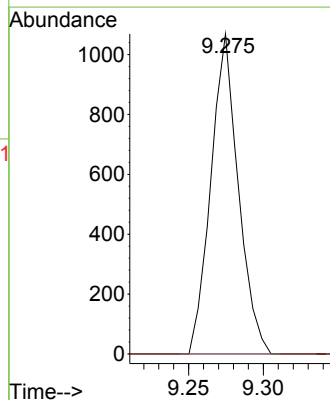
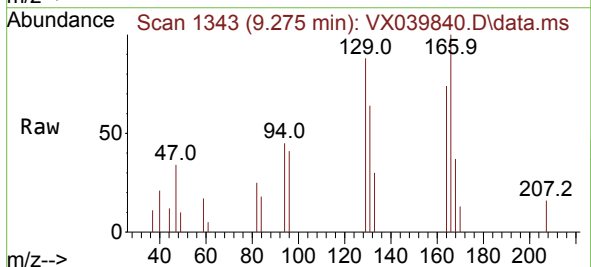
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-10-13

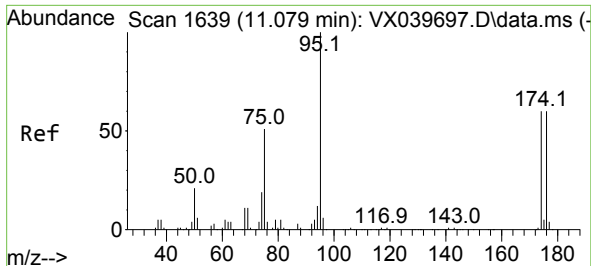
Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
58 164.9 30.4 45.6#



#60
Dibromochloromethane
Concen: 1.239 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

Tgt Ion: 129 Resp: 1367
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

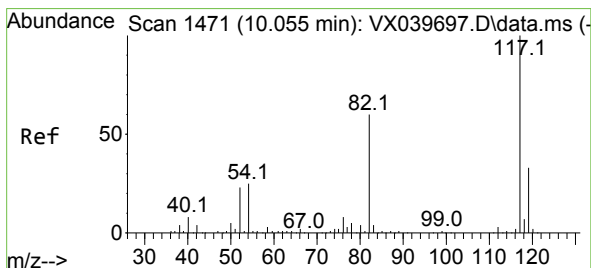
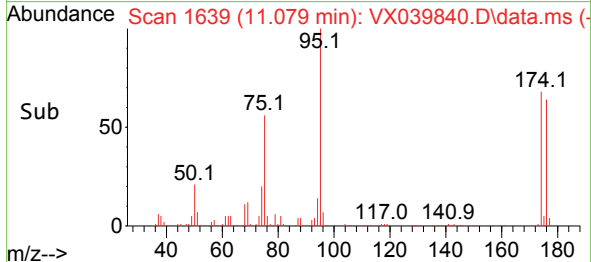
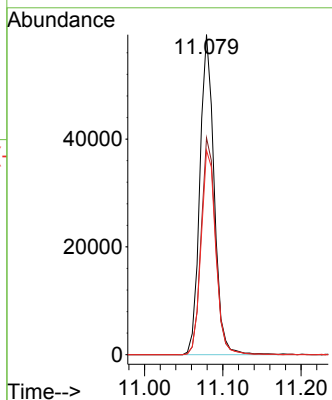
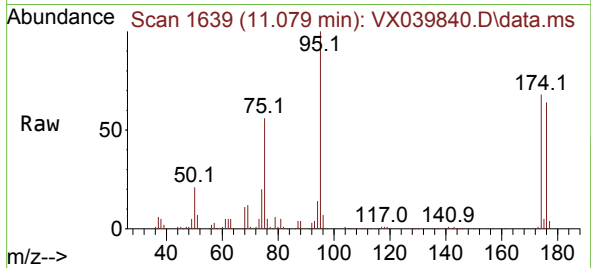




#62
4-Bromofluorobenzene
Concen: 48.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

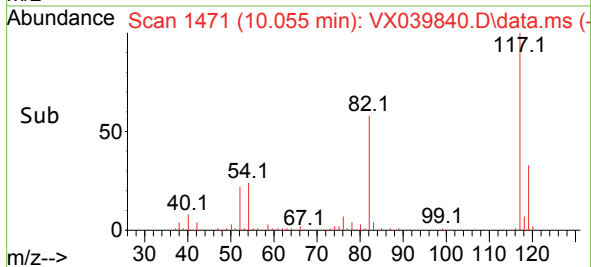
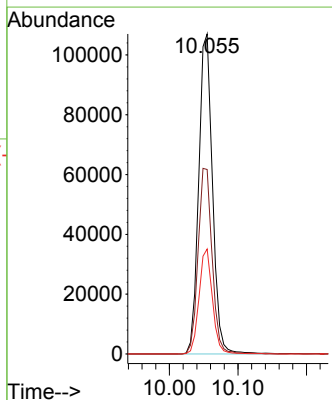
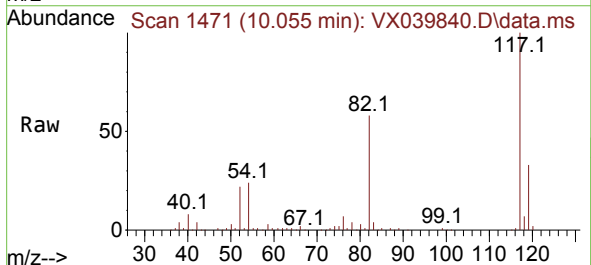
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-10-13

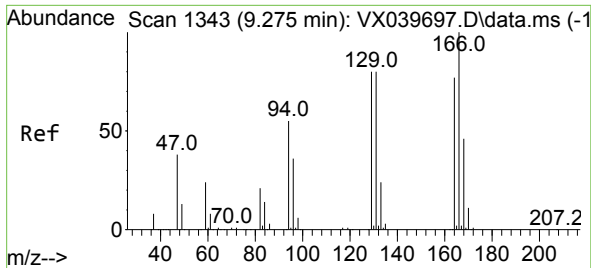
Tgt Ion: 95 Resp: 75046
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.6
176 65.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

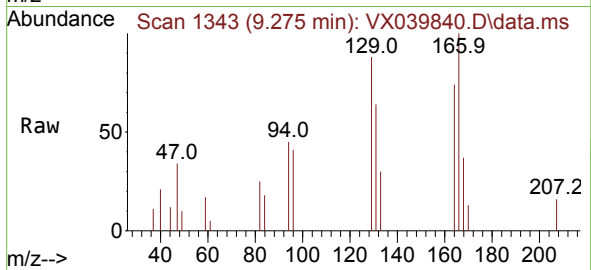
Tgt Ion: 117 Resp: 149911
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.8 25.5 38.3





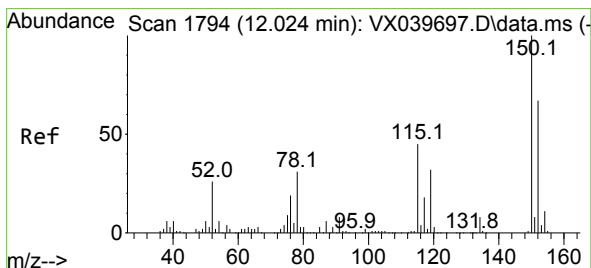
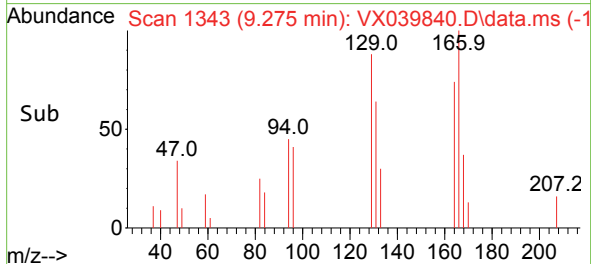
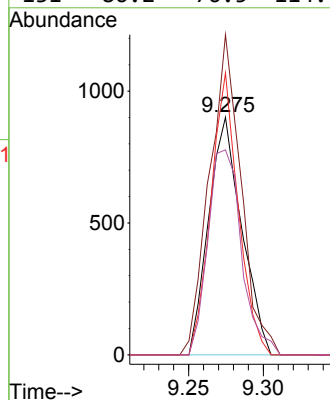
#64
Tetrachloroethene
Concen: 1.419 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-10-13



Tgt Ion:164 Resp: 1383

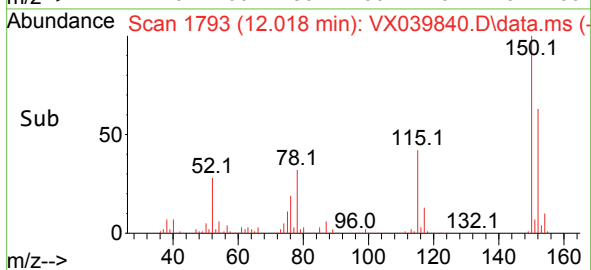
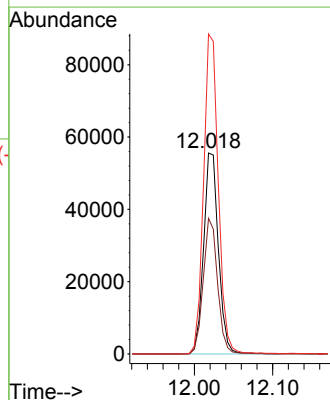
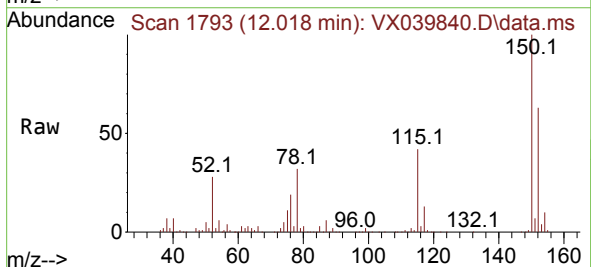
Ion	Ratio	Lower	Upper
164	100		
166	134.7	102.7	154.1
129	118.6	80.4	120.6
131	86.2	76.5	114.7

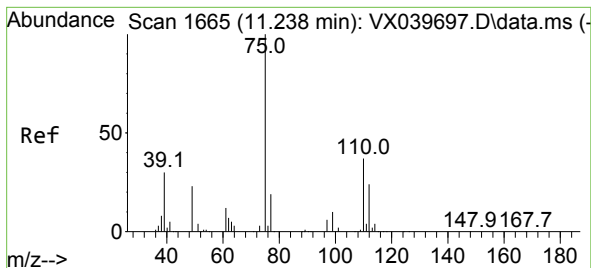


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039840.D
Acq: 19 Jan 2024 15:36

Tgt Ion:152 Resp: 72938

Ion	Ratio	Lower	Upper
152	100		
115	65.3	43.3	129.9
150	158.3	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 22.148 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX039840.D

Acq: 19 Jan 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

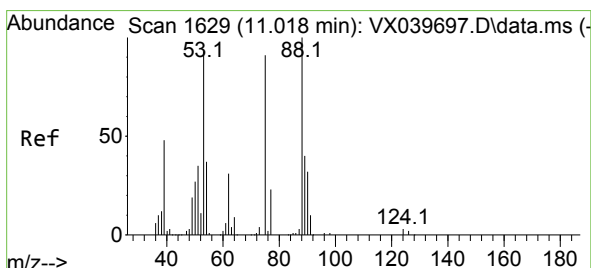
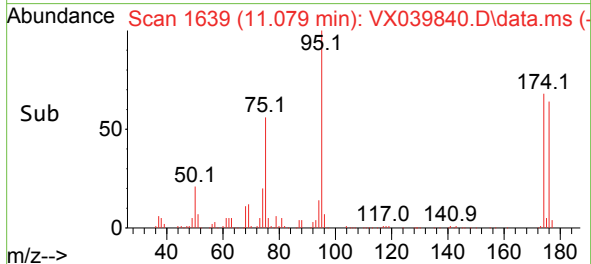
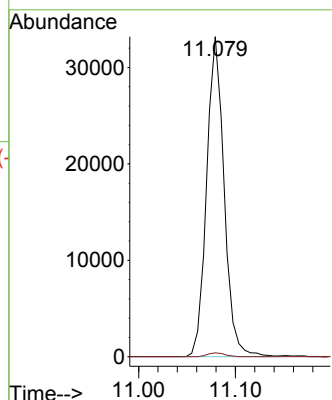
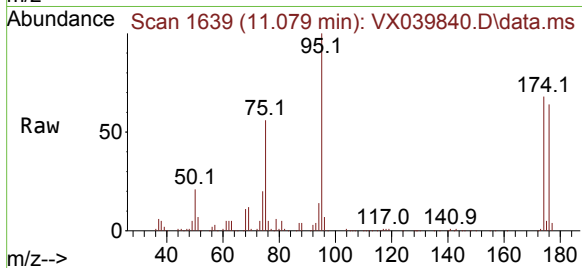
SUMOGW-4-10-13

Tgt Ion: 75 Resp: 41882

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.228 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039840.D

Acq: 19 Jan 2024 15:36

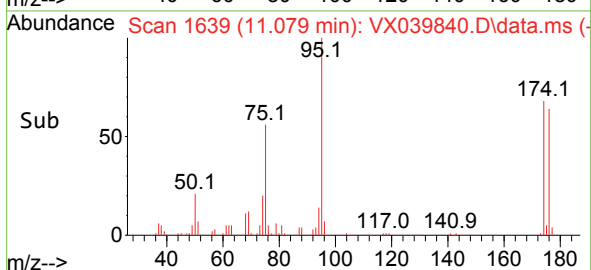
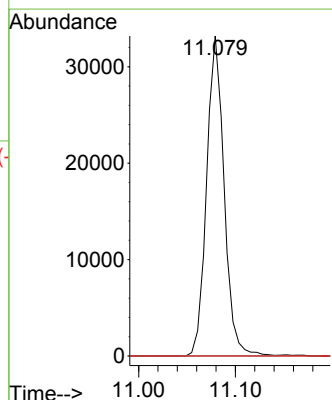
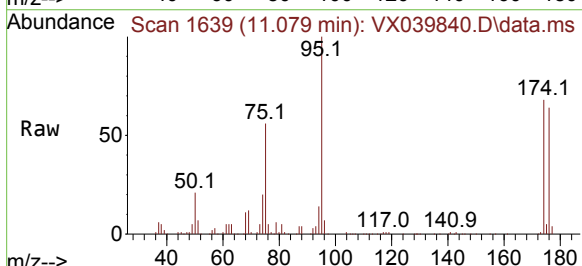
Tgt Ion: 75 Resp: 41882

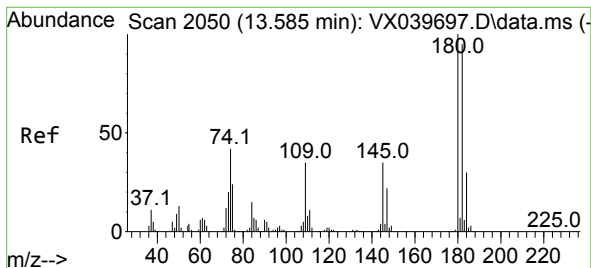
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 3.535 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039840.D

Acq: 19 Jan 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-4-10-13

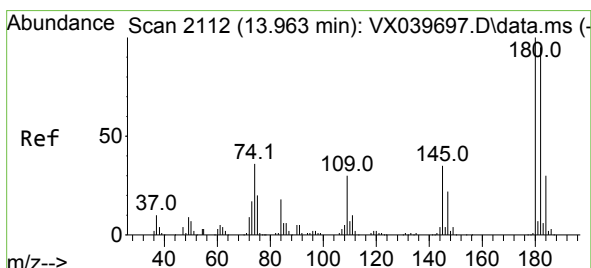
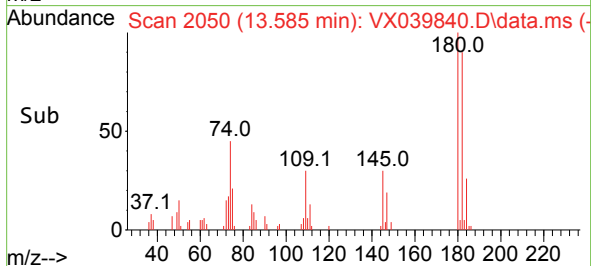
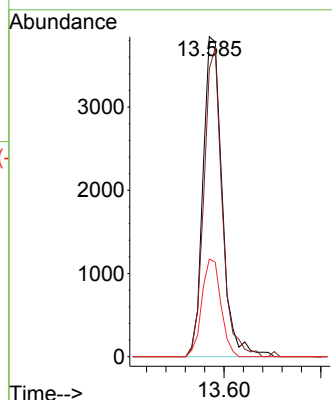
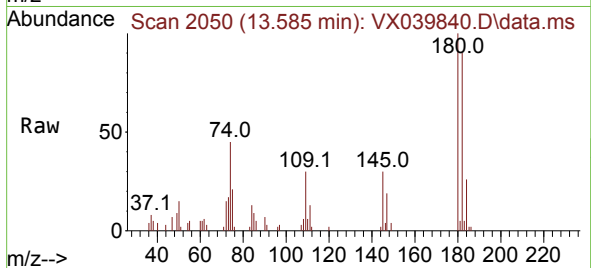
Tgt Ion:180 Resp: 5294

Ion Ratio Lower Upper

180 100

182 91.3 48.3 144.8

145 30.3 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 0.748 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039840.D

Acq: 19 Jan 2024 15:36

Tgt Ion:180 Resp: 1131

Ion Ratio Lower Upper

180 100

182 98.3 46.9 140.6

145 38.2 17.8 53.5

