

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039843.D
 Acq On : 19 Jan 2024 16:44
 Operator : JC/MD
 Sample : P1184-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-5-10-13

Quant Time: Jan 20 00:28:30 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)

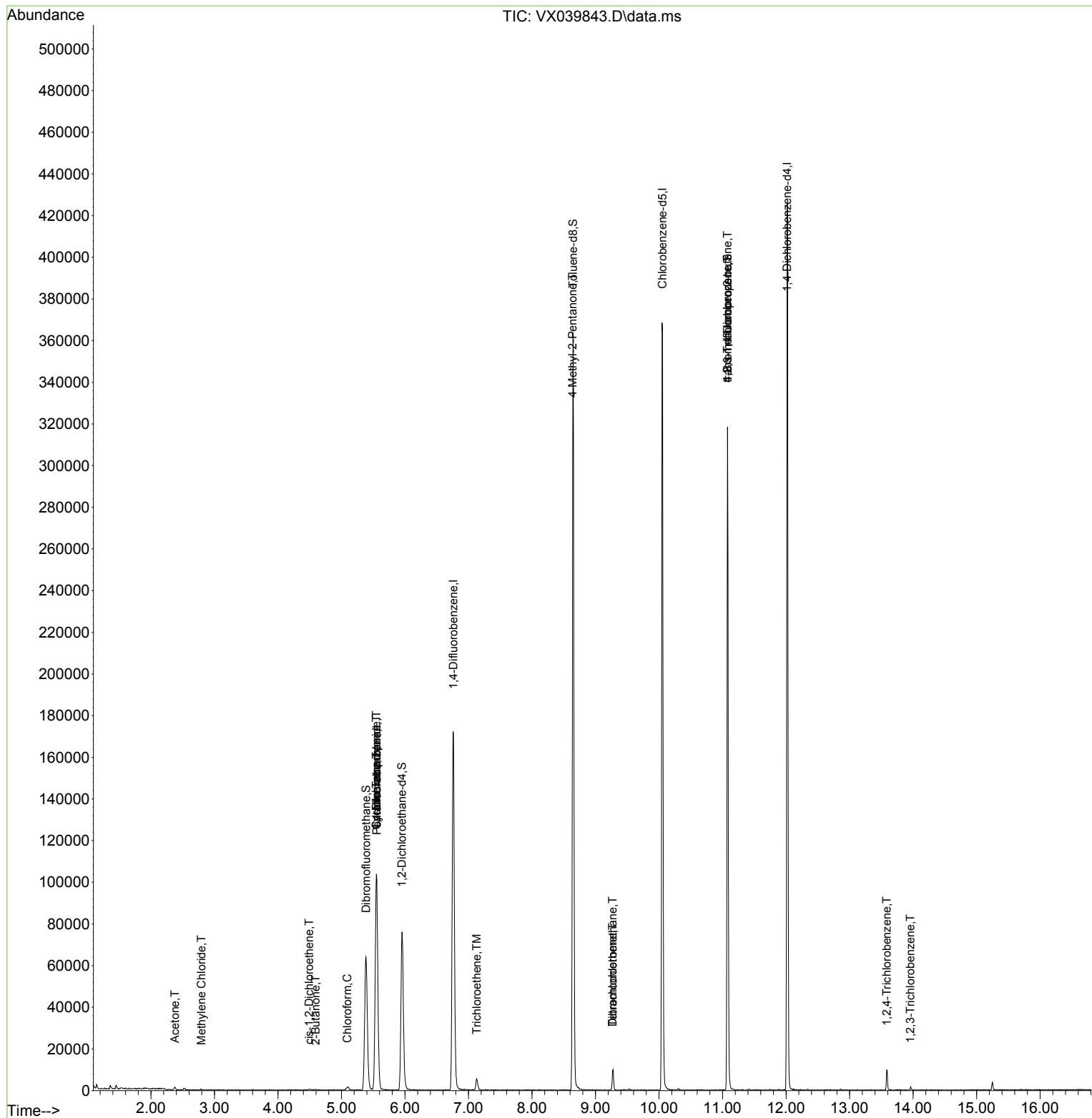
Internal Standards						
1) Pentafluorobenzene	5.556	168	92199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171325	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73918	47.860	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.720%
35) Dibromofluoromethane	5.385	113	56538	48.995	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	8.647	98	210713	48.415	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.840%
62) 4-Bromofluorobenzene	11.079	95	84858	49.860	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.720%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	24	Below Cal	#	14
16) Acetone	2.380	43	1463	1.684	ug/l	100
20) Methylene Chloride	2.794	84	270	0.206	ug/l #	62
25) 2-Butanone	4.593	43	666	0.534	ug/l #	51
27) cis-1,2-Dichloroethene	4.489	96	371	0.277	ug/l	47
30) Chloroform	5.093	83	2020	0.892	ug/l	98
31) Cyclohexane	5.550	56	2368	1.162	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8264	4.601	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10375	6.307	ug/l #	17
44) Trichloroethene	7.129	130	2149	1.724	ug/l	81
51) 4-Methyl-2-Pentanone	8.641	43	1142	0.472	ug/l #	1
60) Dibromochloromethane	9.269	129	1849	1.516	ug/l #	11
64) Tetrachloroethene	9.269	164	1655	1.557	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	46534	21.843	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	46534	63.441	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	2278	1.350	ug/l	96
96) 1,2,3-Trichlorobenzene	13.957	180	473	0.278	ug/l	90

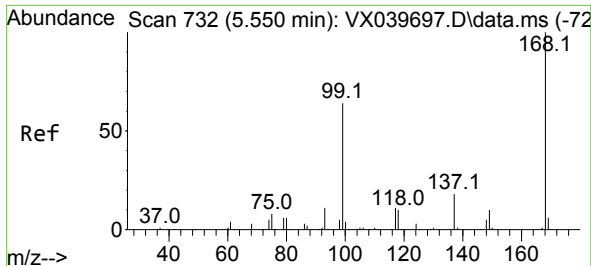
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

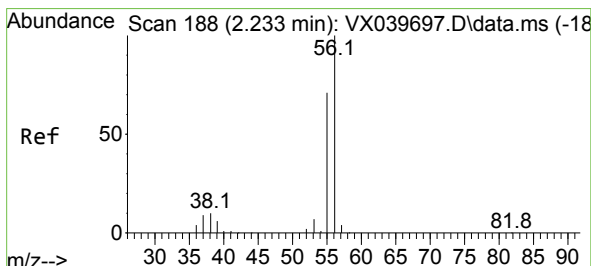
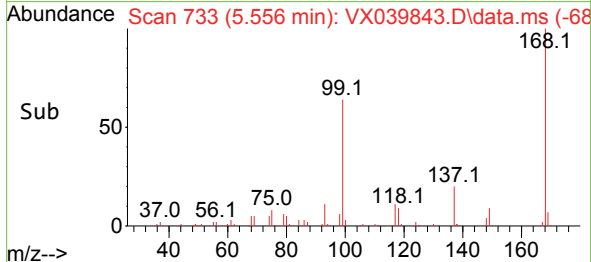
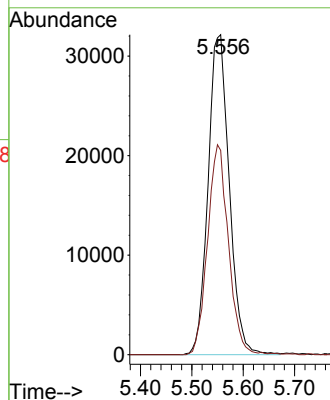
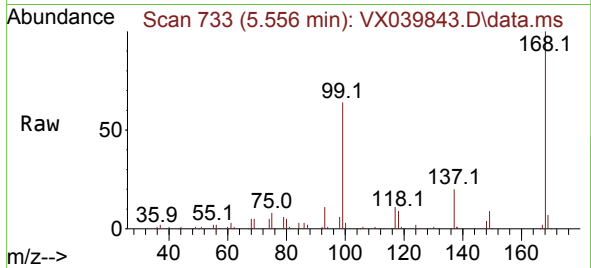




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

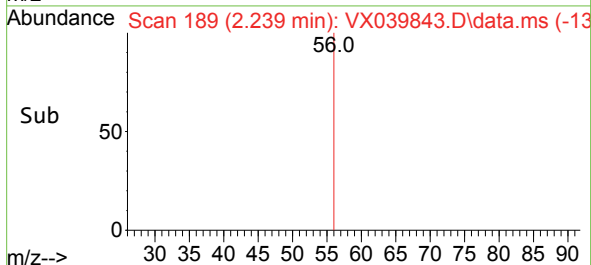
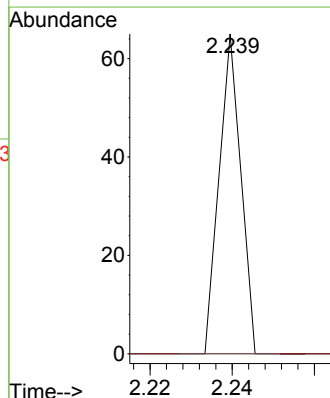
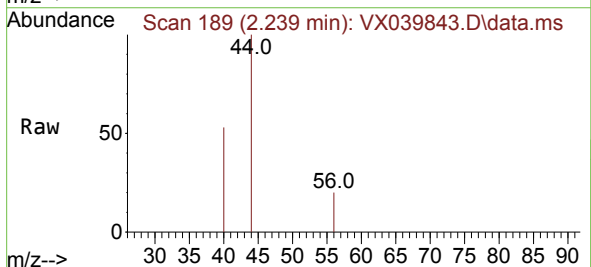
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

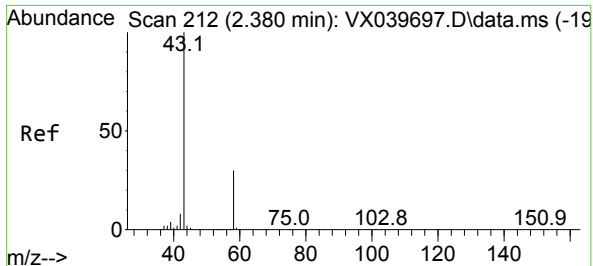
Tgt Ion:168 Resp: 92199
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

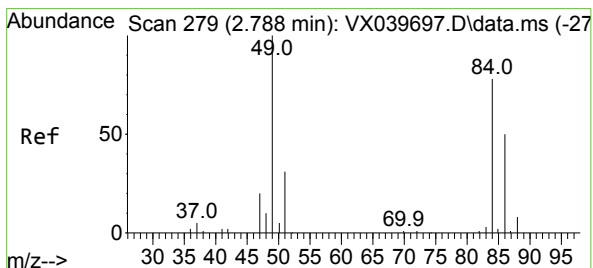
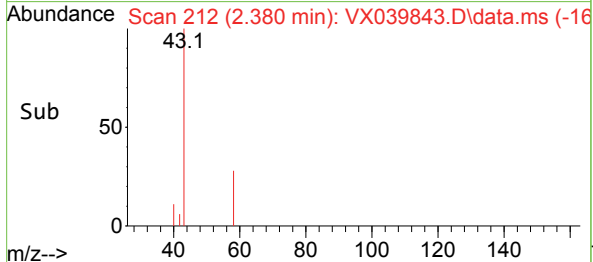
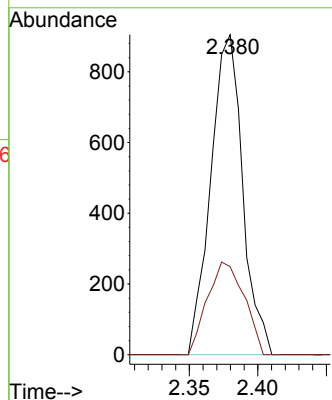
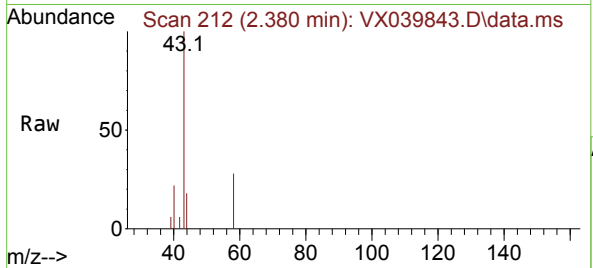




#16
Acetone
Concen: 1.684 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

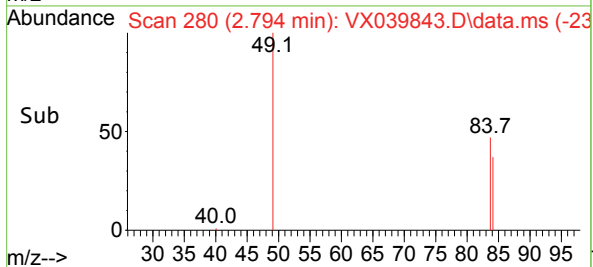
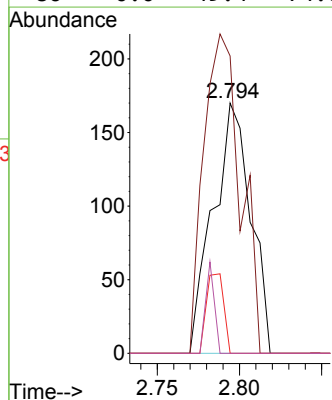
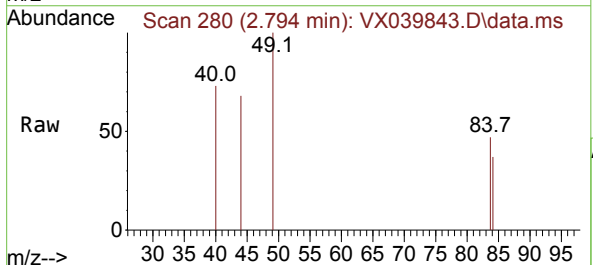
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

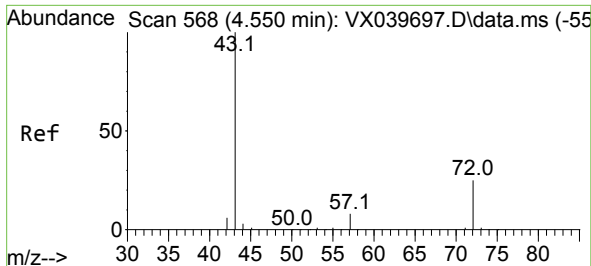
Tgt Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.206 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

Tgt Ion: 84 Resp: 270
Ion Ratio Lower Upper
84 100
49 118.8 103.6 155.4
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#

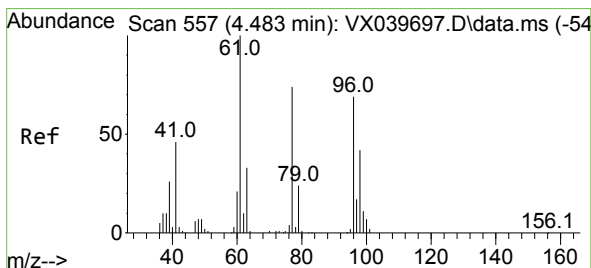
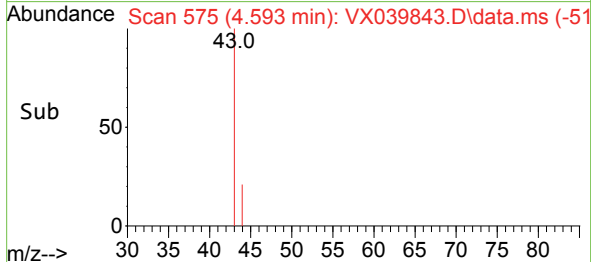
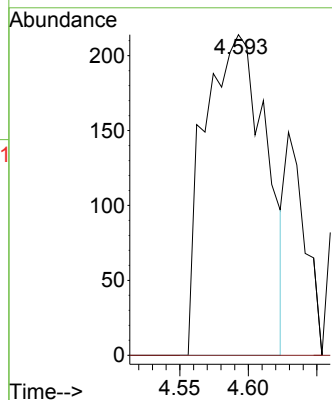
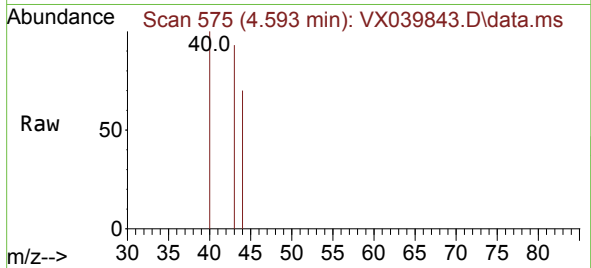




#25
2-Butanone
Concen: 0.534 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

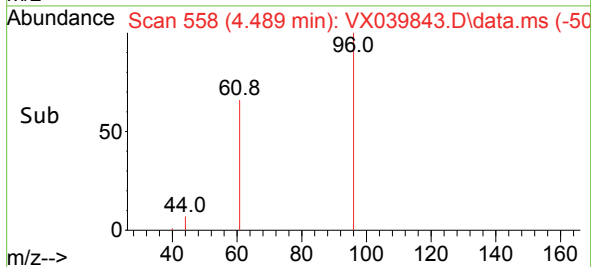
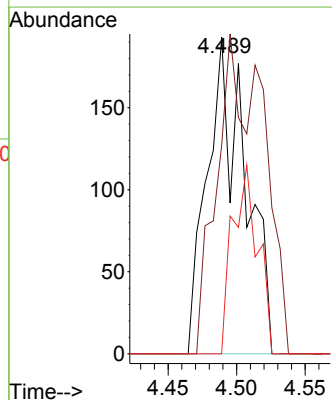
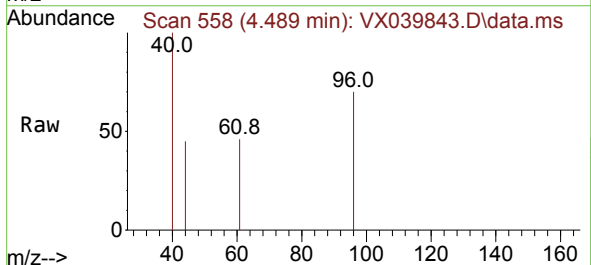
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

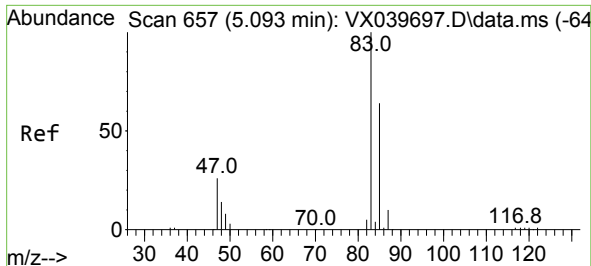
Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 0.277 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

Tgt Ion: 96 Resp: 371
Ion Ratio Lower Upper
96 100
61 74.9 0.0 312.2
98 39.6 0.0 129.0





#30

Chloroform

Concen: 0.892 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX039843.D

Acq: 19 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

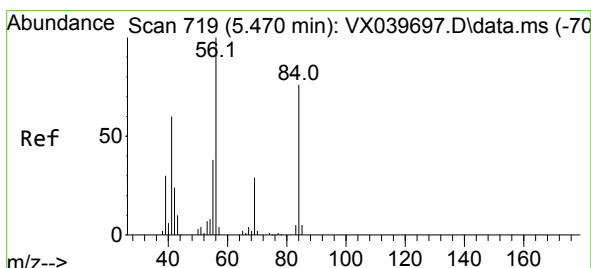
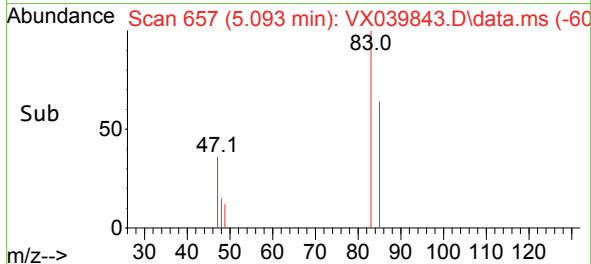
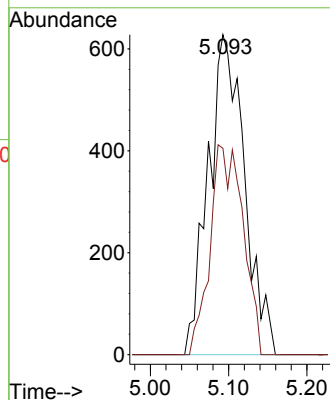
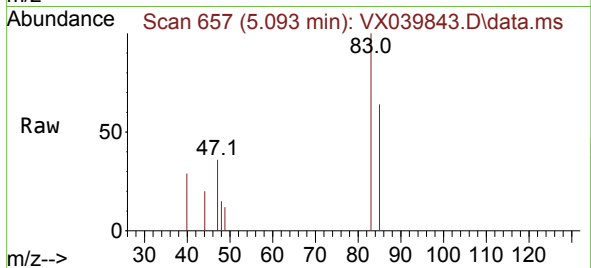
SUMOGW-5-10-13

Tgt Ion: 83 Resp: 2020

Ion Ratio Lower Upper

83 100

85 64.5 50.3 75.5



#31

Cyclohexane

Concen: 1.162 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX039843.D

Acq: 19 Jan 2024 16:44

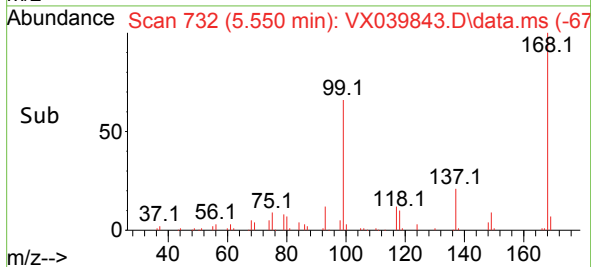
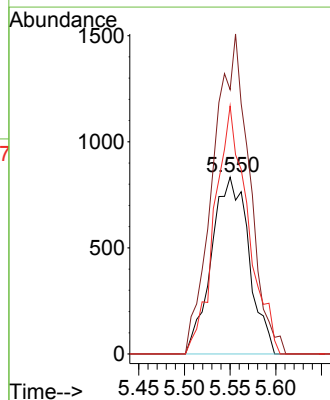
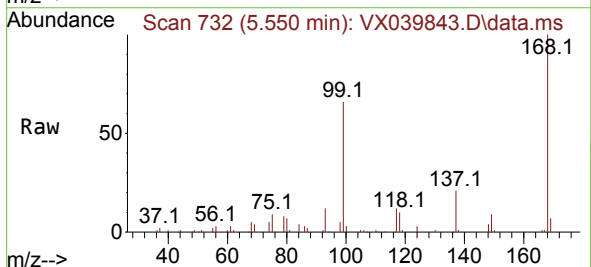
Tgt Ion: 56 Resp: 2368

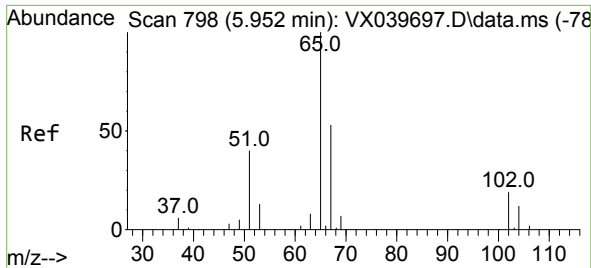
Ion Ratio Lower Upper

56 100

69 149.6 23.4 35.2#

84 140.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.860 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039843.D

Acq: 19 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

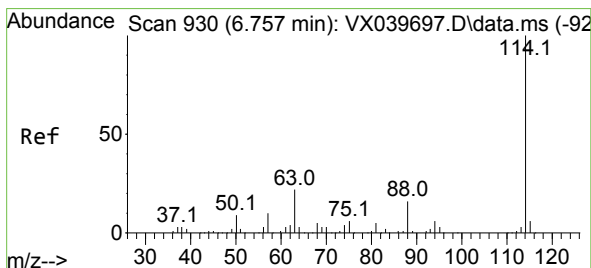
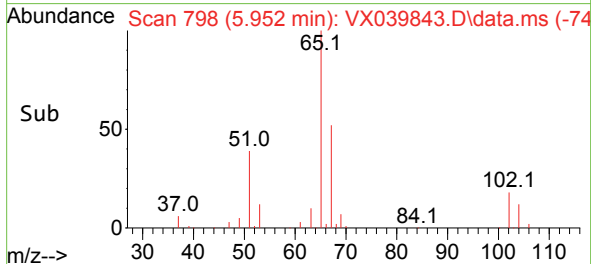
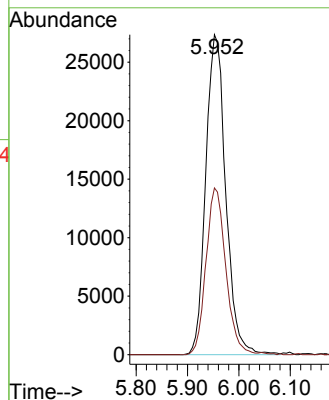
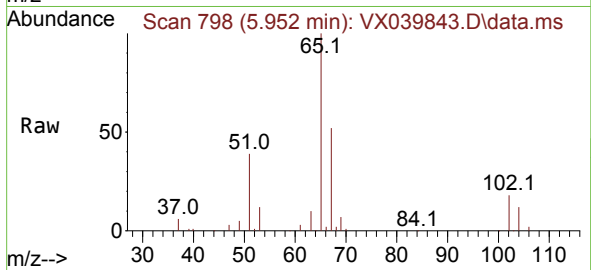
SUMOGW-5-10-13

Tgt Ion: 65 Resp: 73918

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039843.D

Acq: 19 Jan 2024 16:44

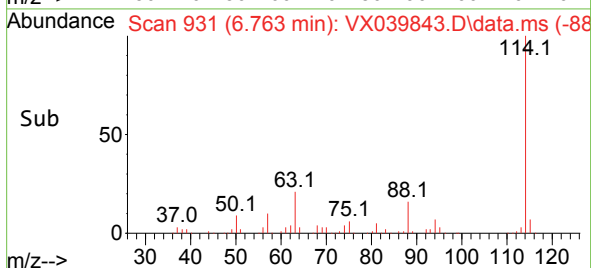
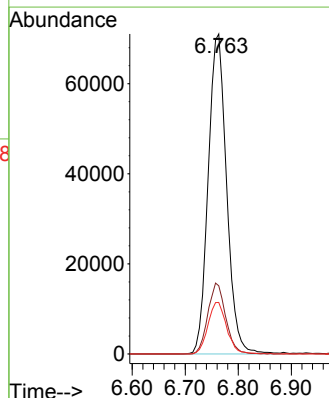
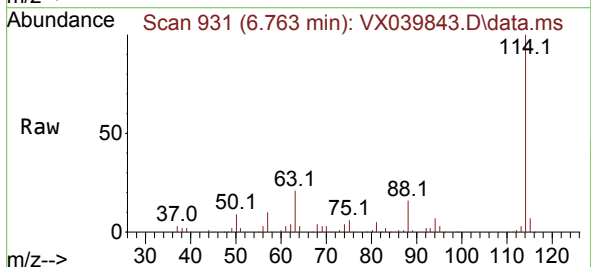
Tgt Ion: 114 Resp: 171325

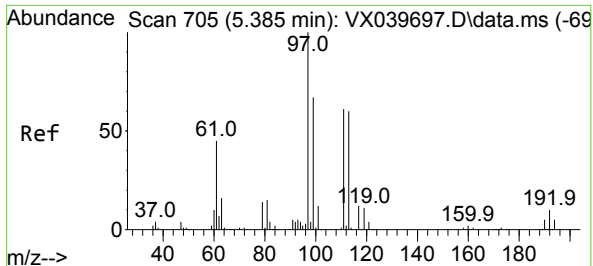
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

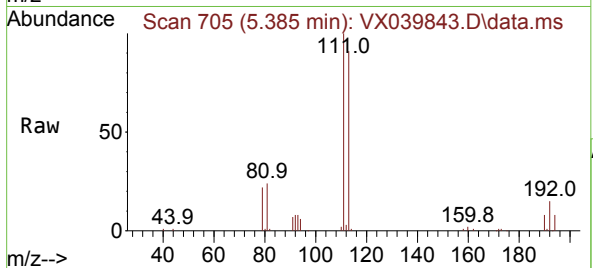
88 16.1 0.0 36.6



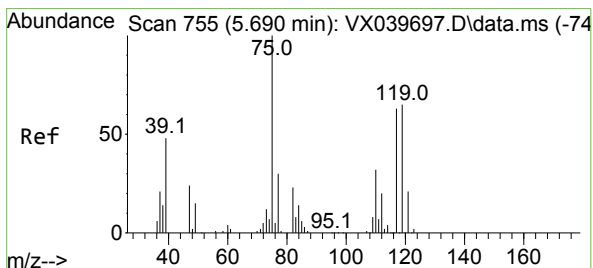
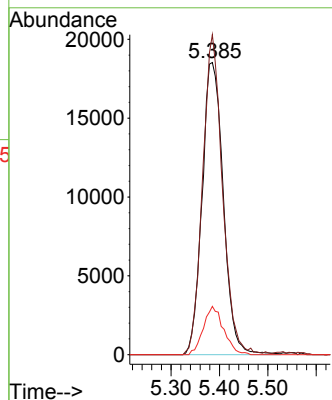
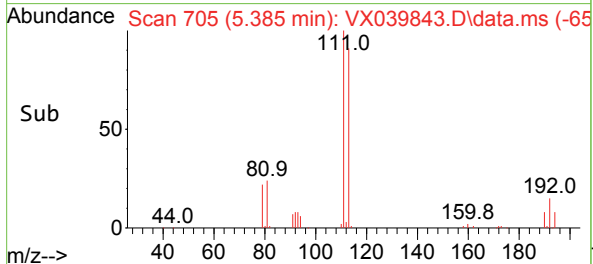


#35
Dibromofluoromethane
Concen: 48.995 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

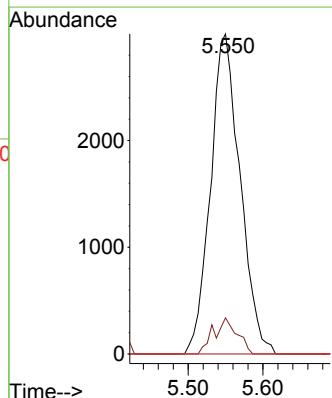
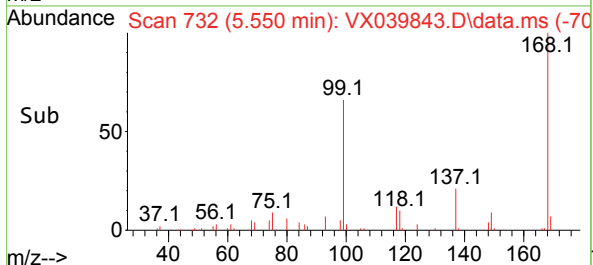
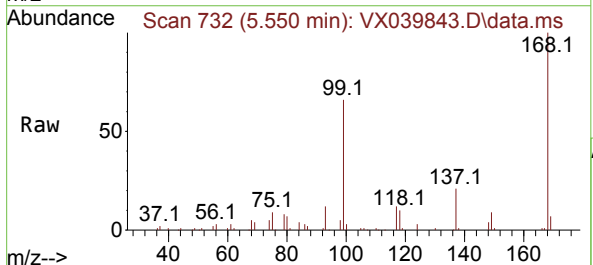


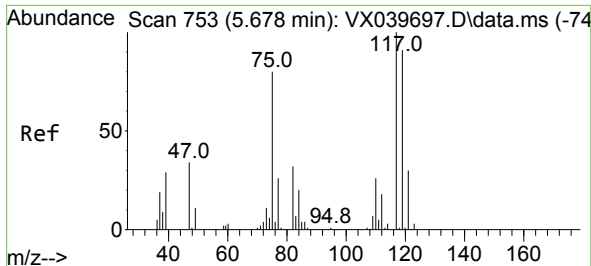
Tgt Ion:113 Resp: 56538
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 15.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

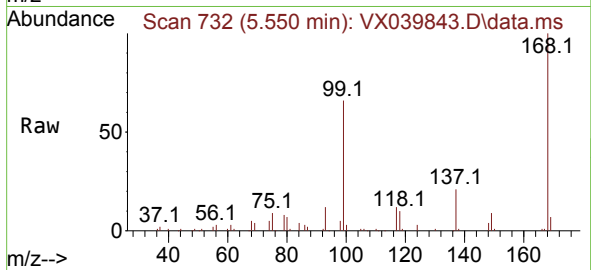
Tgt Ion: 75 Resp: 8264
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



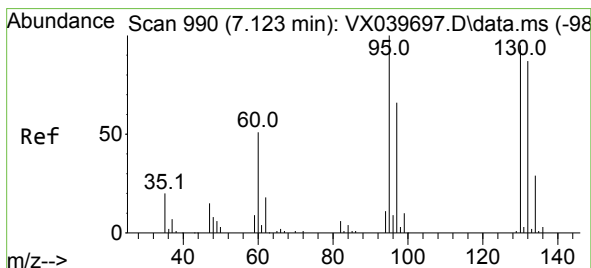
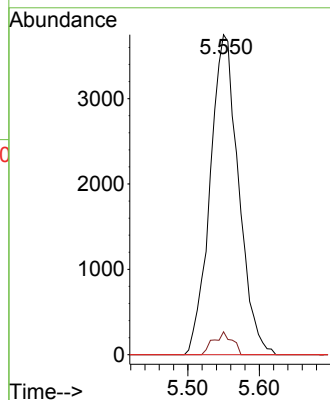
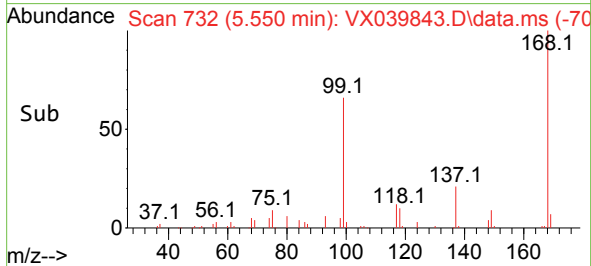


#38
Carbon Tetrachloride
Concen: 6.307 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

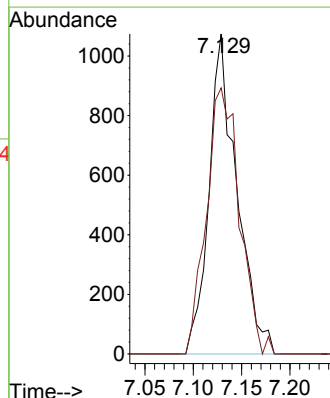
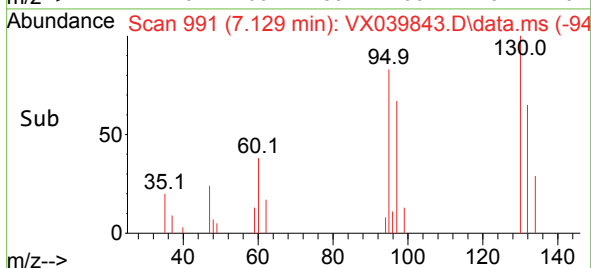
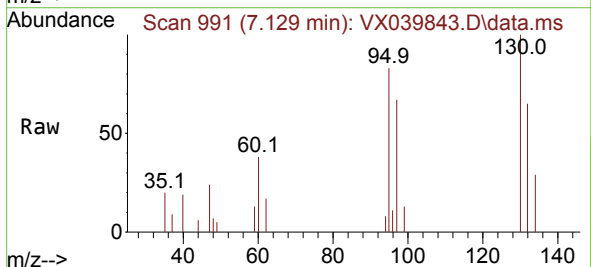


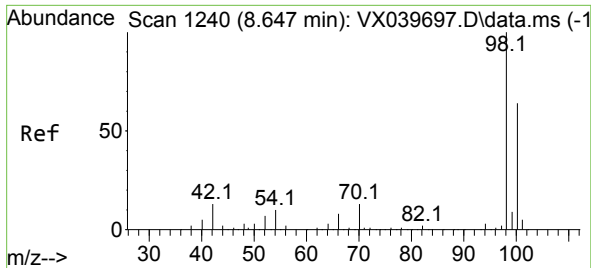
Tgt Ion:117 Resp: 10375
Ion Ratio Lower Upper
117 100
119 7.2 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.724 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

Tgt Ion:130 Resp: 2149
Ion Ratio Lower Upper
130 100
95 83.1 0.0 204.4

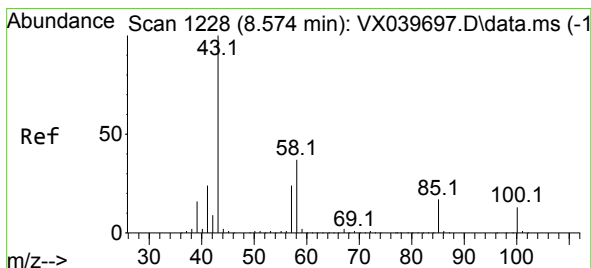
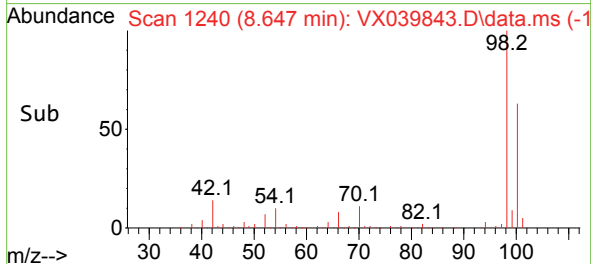
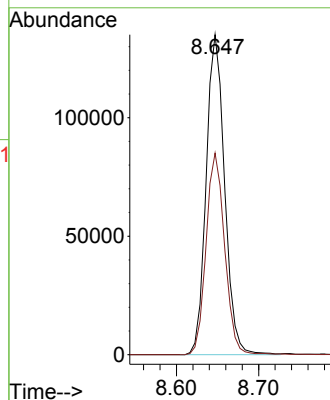
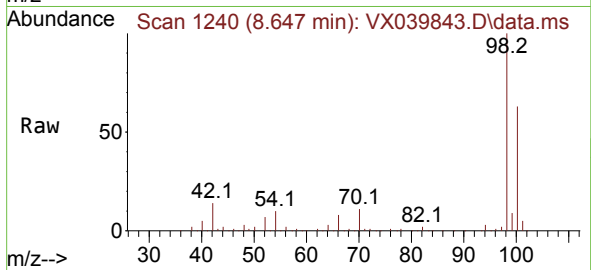




#50
Toluene-d8
Concen: 48.415 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

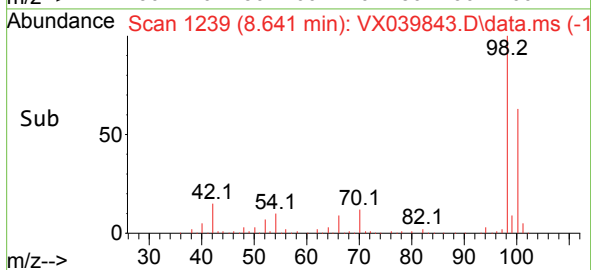
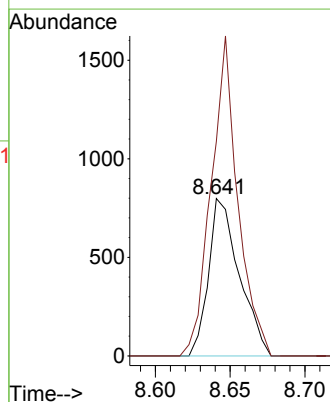
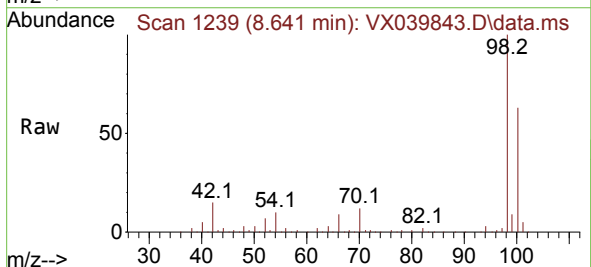
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

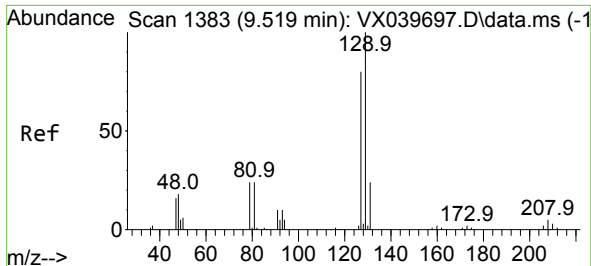
Tgt Ion: 98 Resp: 210713
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 176.5 30.4 45.6#

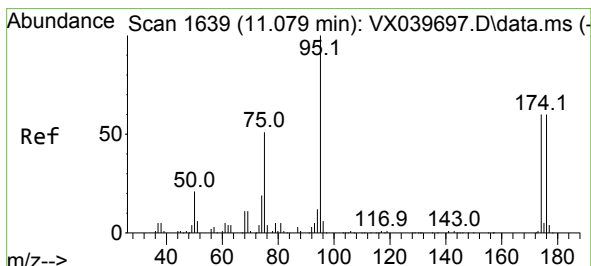
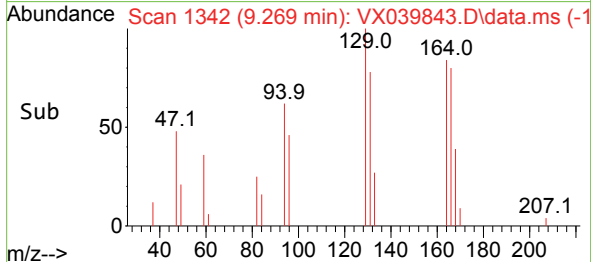
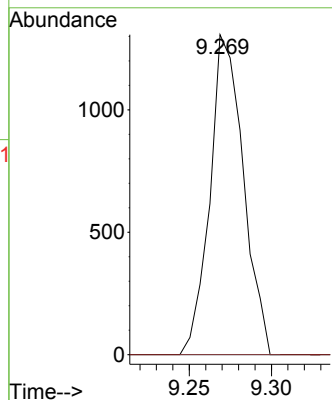
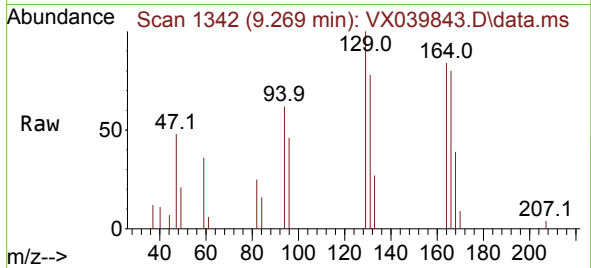




#60
Dibromochloromethane
Concen: 1.516 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

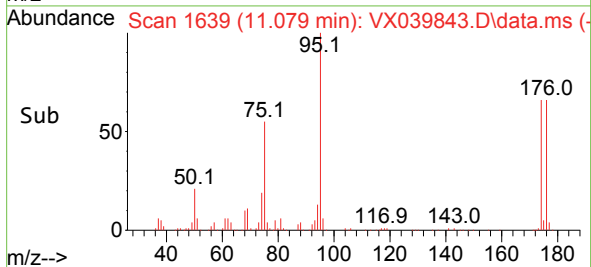
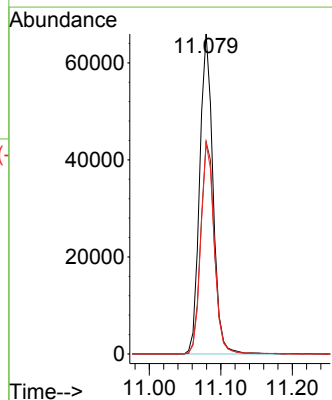
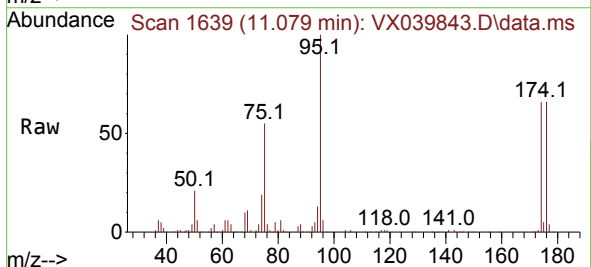
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

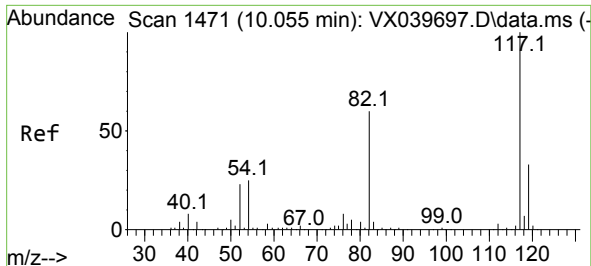
Tgt Ion:129 Resp: 1849
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

Tgt Ion: 95 Resp: 84858
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.6
176 66.4 0.0 131.0

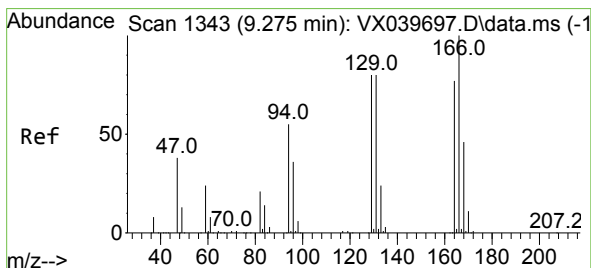
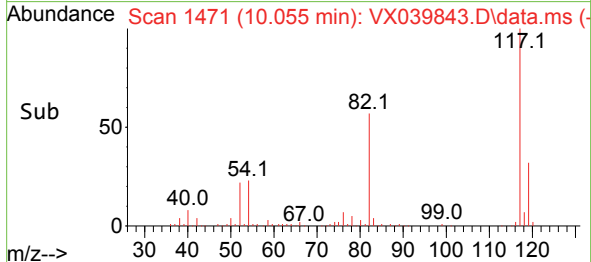
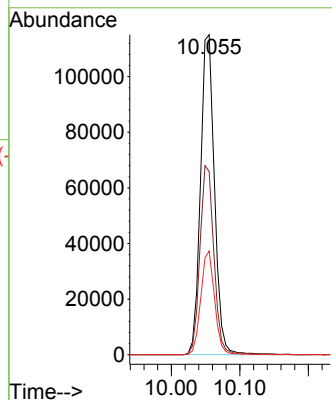
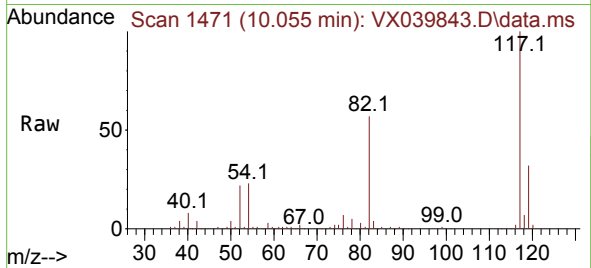




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

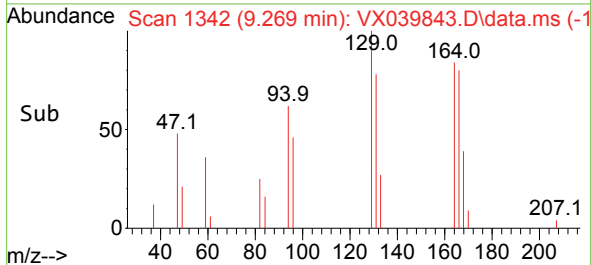
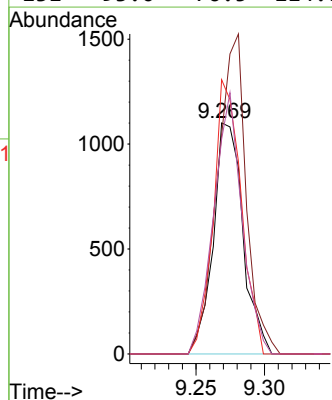
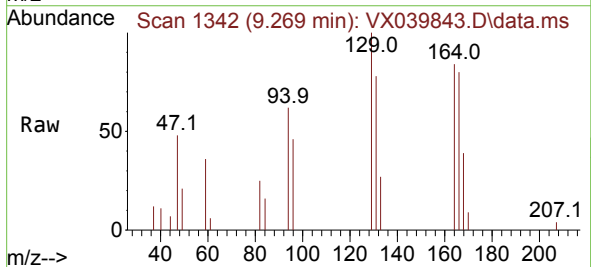
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

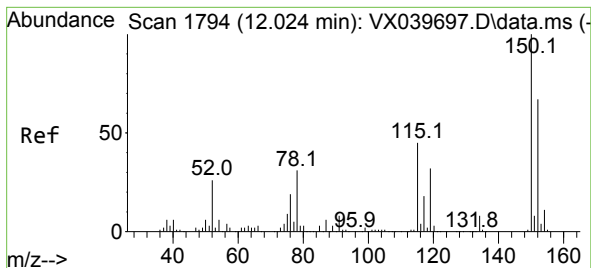
Tgt Ion:117 Resp: 163502
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 1.557 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

Tgt Ion:164 Resp: 1655
Ion Ratio Lower Upper
164 100
166 94.7 102.7 154.1#
129 118.7 80.4 120.6
131 93.0 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX039843.D

Acq: 19 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-5-10-13

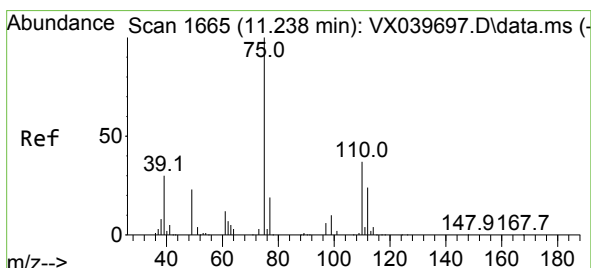
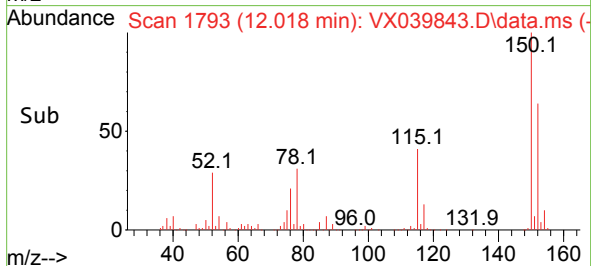
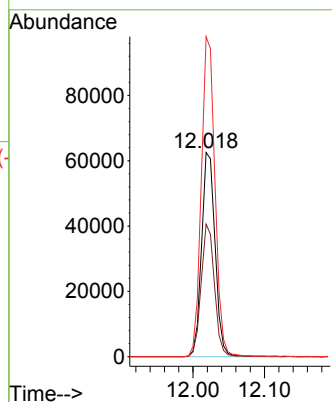
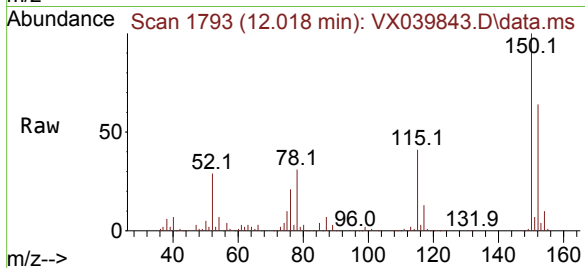
Tgt Ion:152 Resp: 82171

Ion Ratio Lower Upper

152 100

115 63.9 43.3 129.9

150 158.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.843 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039843.D

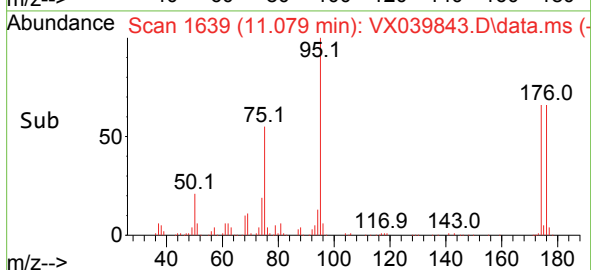
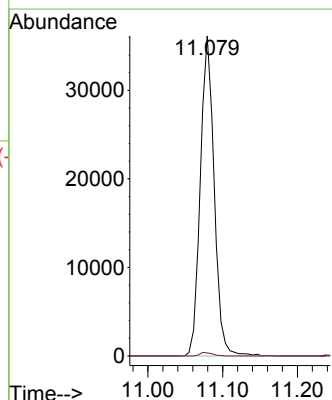
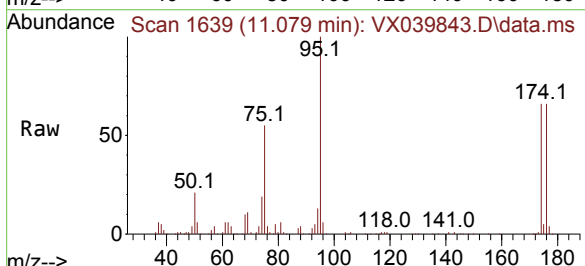
Acq: 19 Jan 2024 16:44

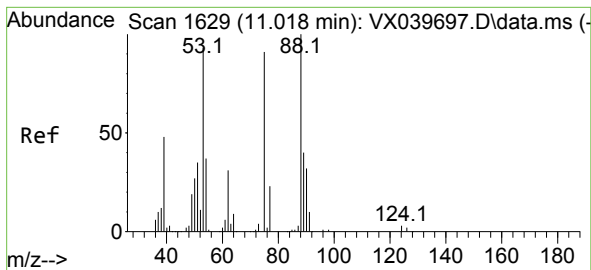
Tgt Ion: 75 Resp: 46534

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

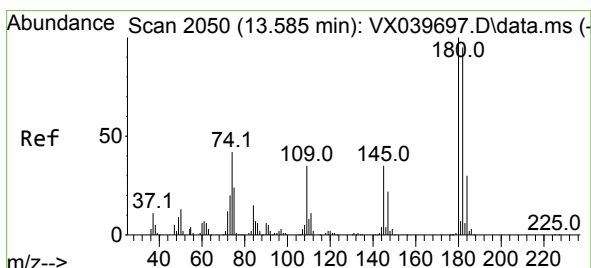
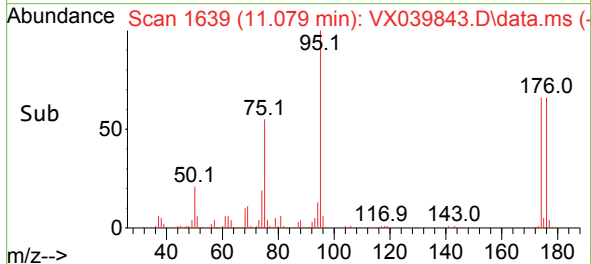
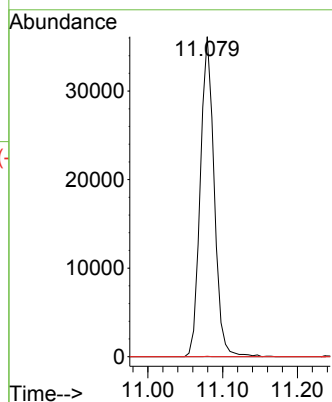
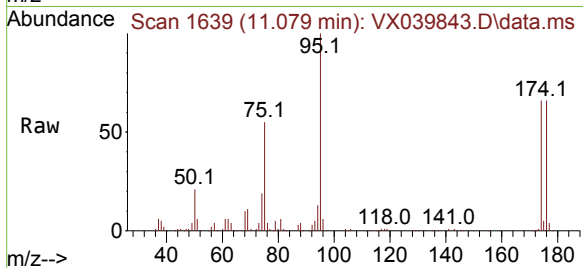




#81
trans-1,4-Dichloro-2-butene
Concen: 63.441 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

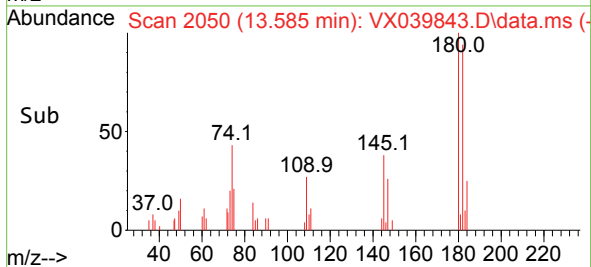
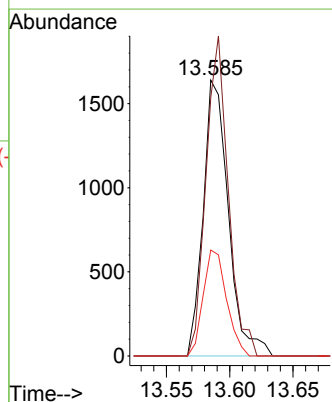
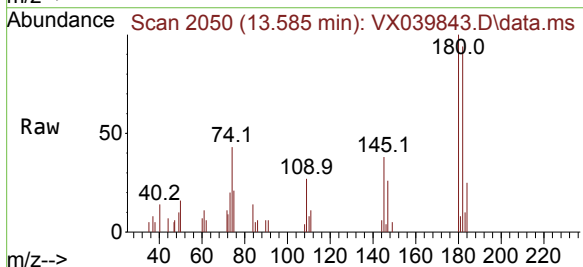
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

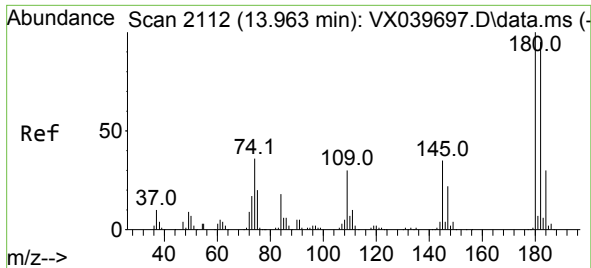
Tgt Ion: 75 Resp: 46534
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 1.350 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039843.D
Acq: 19 Jan 2024 16:44

Tgt Ion: 180 Resp: 2278
Ion Ratio Lower Upper
180 100
182 102.3 48.3 144.8
145 35.6 18.0 54.0





#96

1,2,3-Trichlorobenzene

Concen: 0.278 ug/l

RT: 13.957 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039843.D

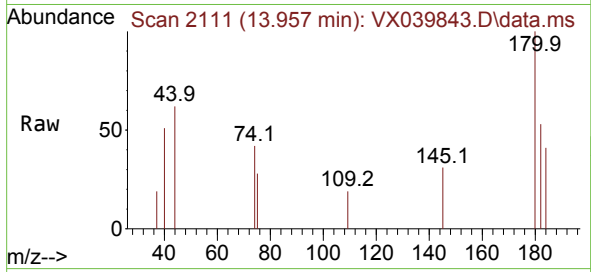
Acq: 19 Jan 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-5-10-13



Tgt Ion:180 Resp: 473

Ion Ratio Lower Upper

180 100

182 101.1 46.9 140.6

145 26.2 17.8 53.5

