

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039838.D
 Acq On : 19 Jan 2024 14:51
 Operator : JC/MD
 Sample : P1185-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-6-23-26

Quant Time: Jan 20 00:26:18 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)

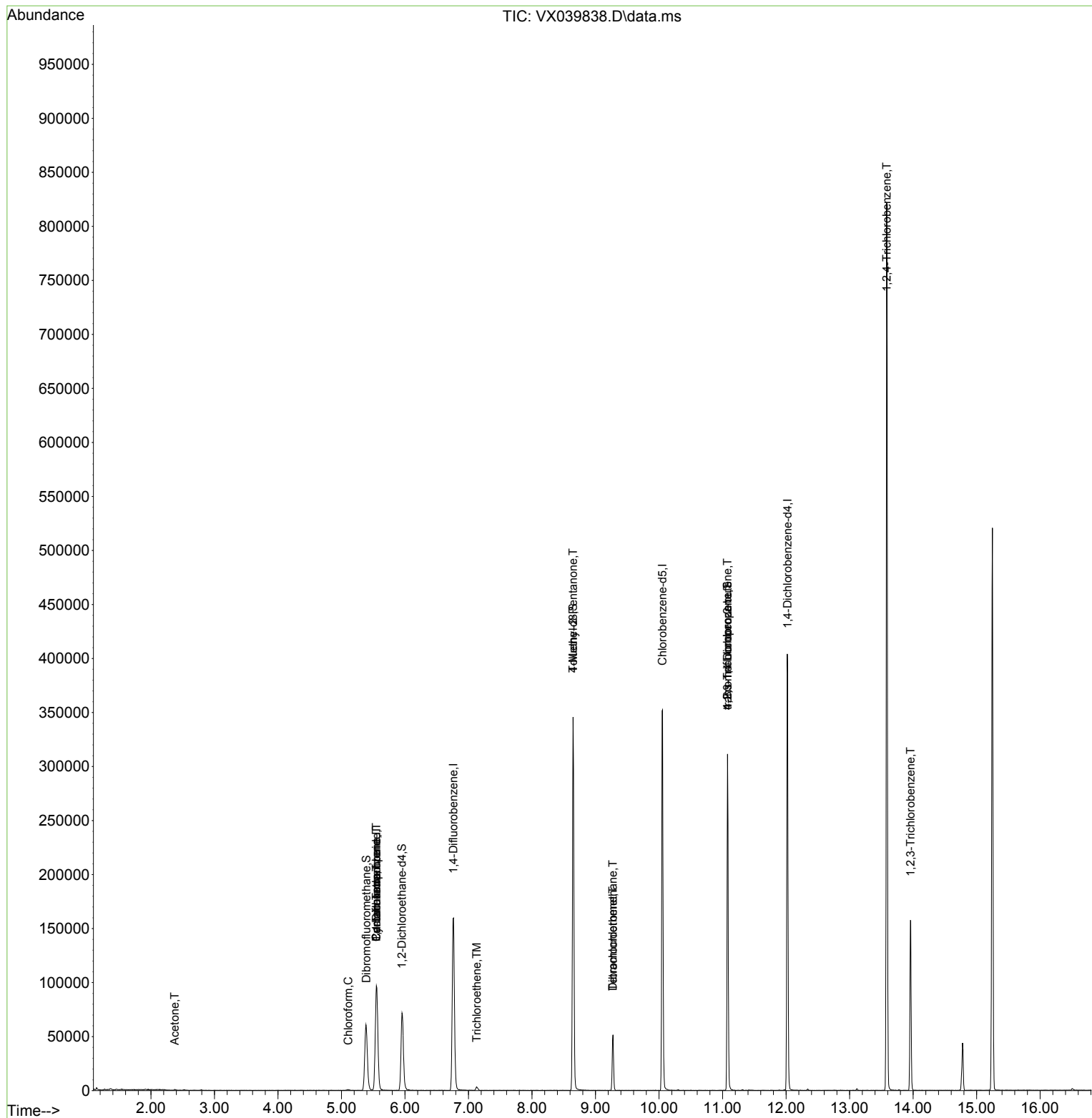
Internal Standards						
1) Pentafluorobenzene	5.549	168	86300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67895	46.965	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.920%		
35) Dibromofluoromethane	5.391	113	51784	47.656	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.320%		
50) Toluene-d8	8.646	98	198763	48.499	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.000%		
62) 4-Bromofluorobenzene	11.079	95	79942	49.882	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.760%		
Target Compounds					Qvalue	
16) Acetone	2.373	43	757	0.931	ug/l	97
30) Chloroform	5.104	83	914	0.431	ug/l	93
31) Cyclohexane	5.549	56	2323	1.218	ug/l #	14
36) 1,1-Dichloropropene	5.549	75	7903	4.672	ug/l #	50
38) Carbon Tetrachloride	5.549	117	10015	6.465	ug/l #	16
44) Trichloroethene	7.128	130	1268	1.080	ug/l	89
51) 4-Methyl-2-Pentanone	8.646	43	894	0.392	ug/l #	1
60) Dibromochloromethane	9.274	129	8818	7.677	ug/l #	11
64) Tetrachloroethene	9.274	164	8888	8.752	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	43966	21.723	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	43966	63.129	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	164840	102.852	ug/l	98
96) 1,2,3-Trichlorobenzene	13.962	180	34911	21.583	ug/l	99

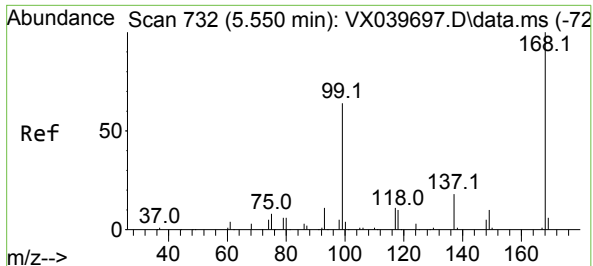
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-23-26

Quant Time: Jan 20 00:26:18 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

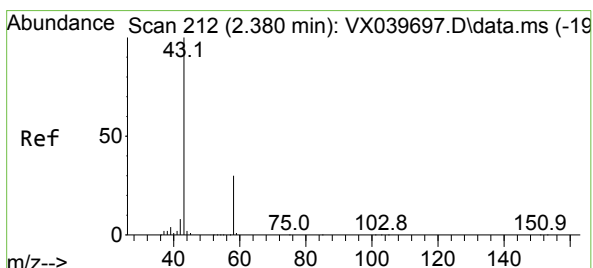
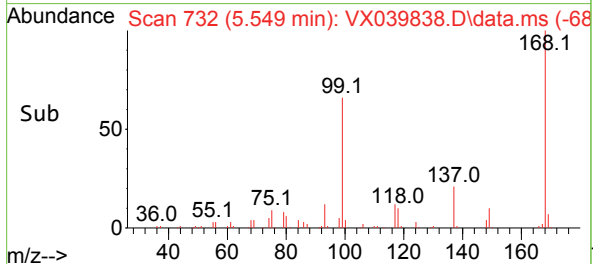
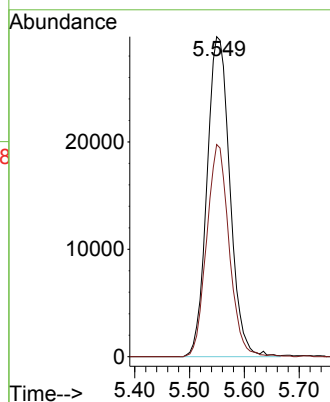
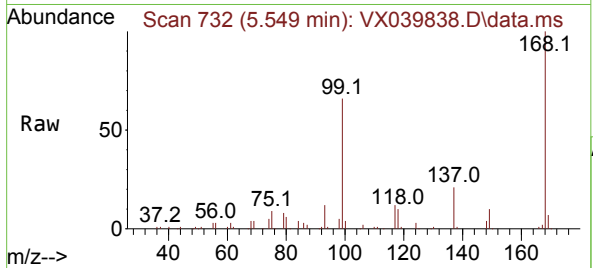




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

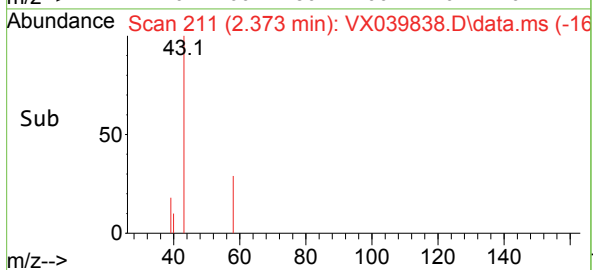
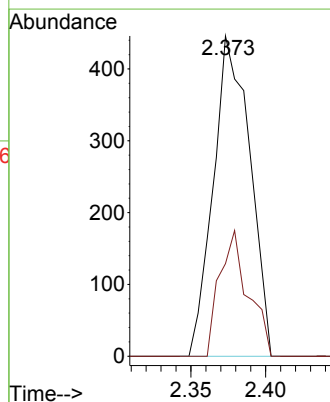
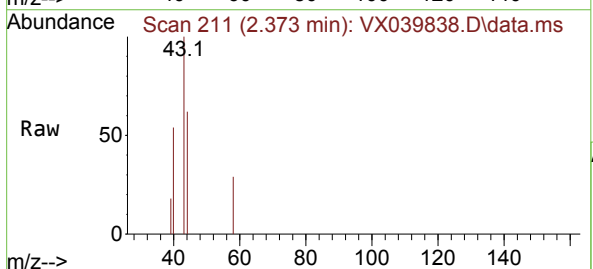
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-23-26

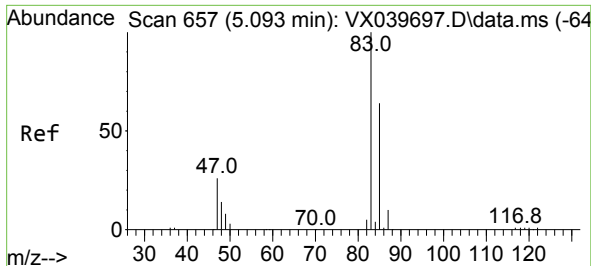
Tgt Ion:168 Resp: 86300
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#16
Acetone
Concen: 0.931 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9

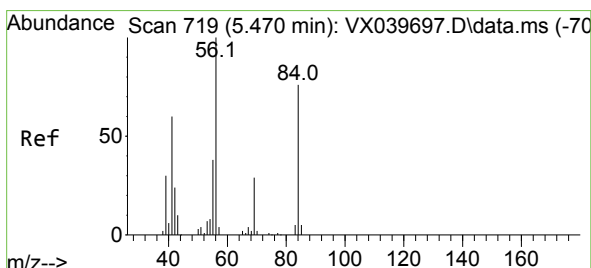
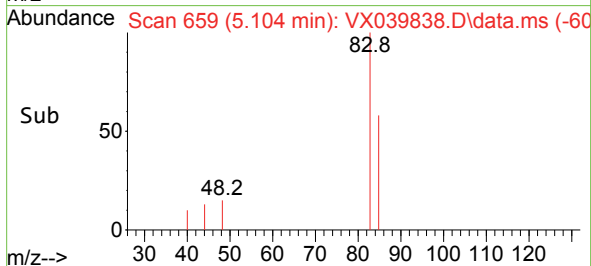
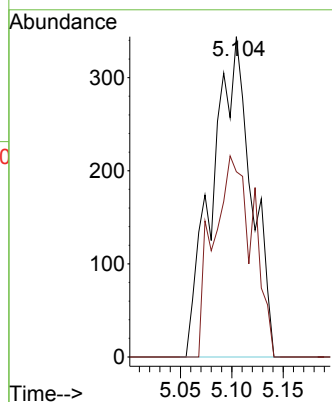
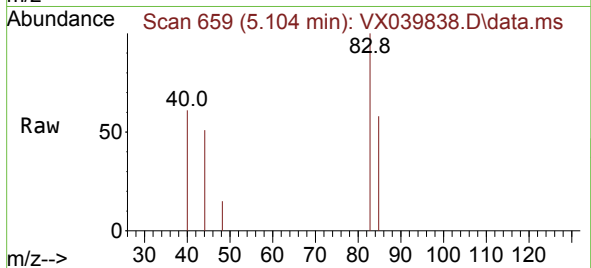




#30
Chloroform
Concen: 0.431 ug/l
RT: 5.104 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

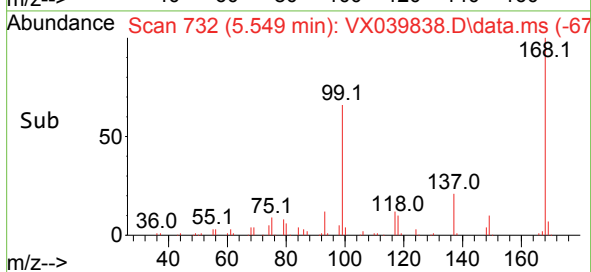
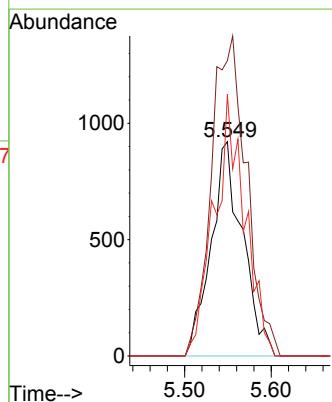
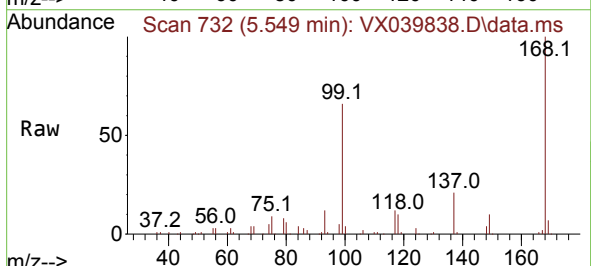
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-23-26

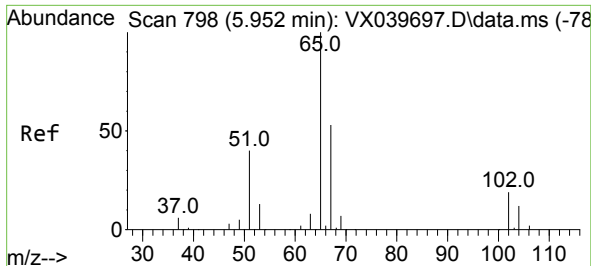
Tgt Ion: 83 Resp: 914
Ion Ratio Lower Upper
83 100
85 57.8 50.3 75.5



#31
Cyclohexane
Concen: 1.218 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

Tgt Ion: 56 Resp: 2323
Ion Ratio Lower Upper
56 100
69 137.8 23.4 35.2#
84 122.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.965 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039838.D

Acq: 19 Jan 2024 14:51

Instrument :

MSVOA_X

ClientSampleId :

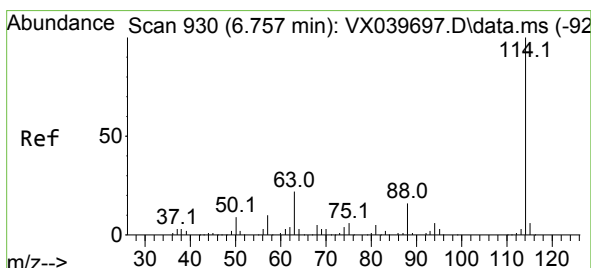
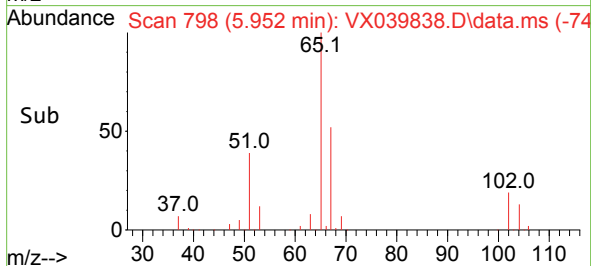
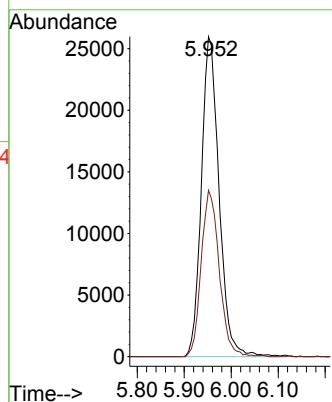
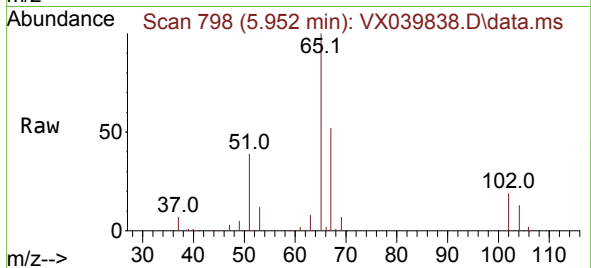
SUMOGW-6-23-26

Tgt Ion: 65 Resp: 67895

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# 931

Delta R.T. 0.006 min

Lab File: VX039838.D

Acq: 19 Jan 2024 14:51

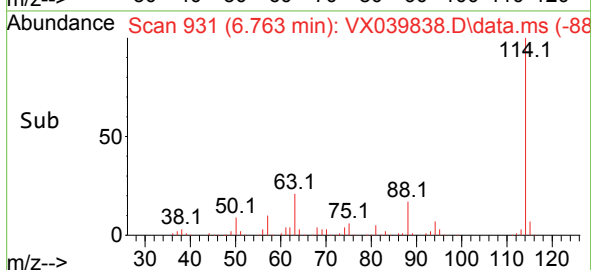
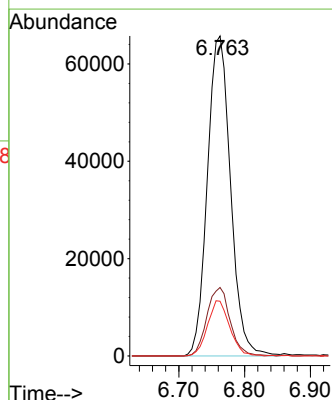
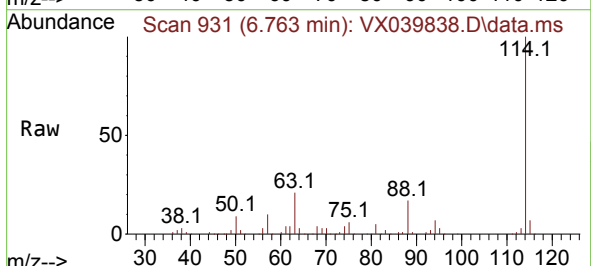
Tgt Ion: 114 Resp: 161330

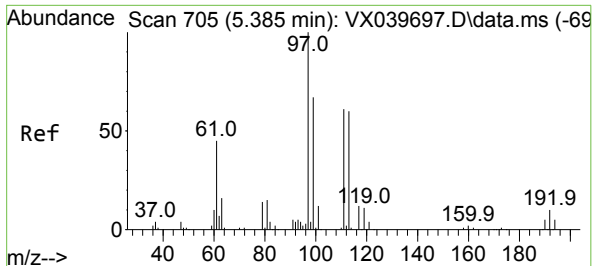
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 17.1 0.0 36.6

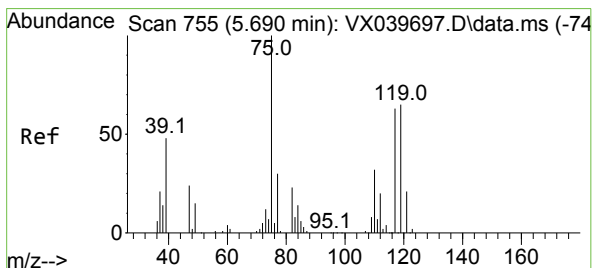
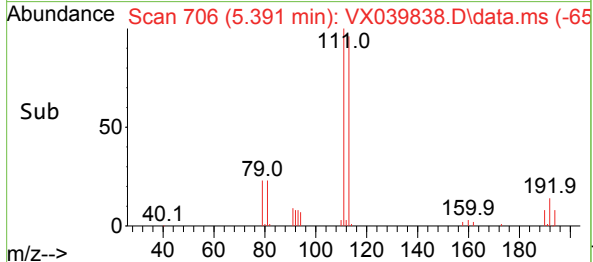
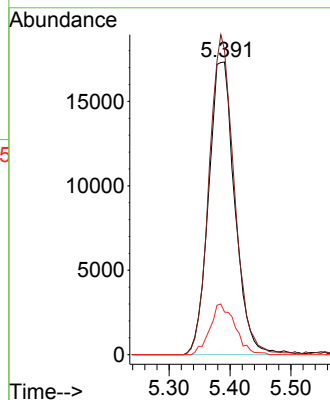
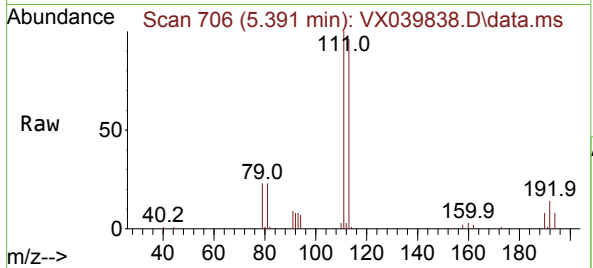




#35
Dibromofluoromethane
Concen: 47.656 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

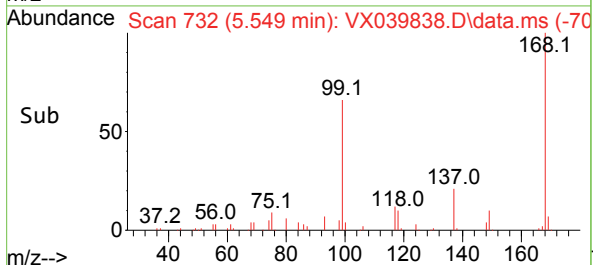
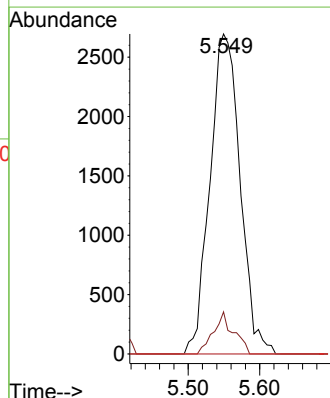
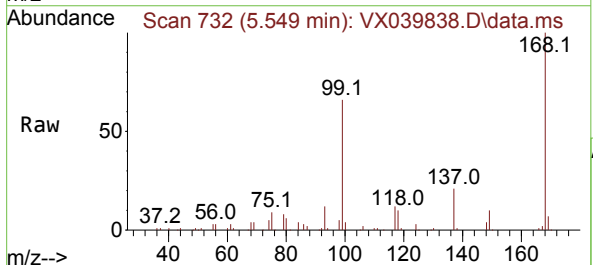
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-23-26

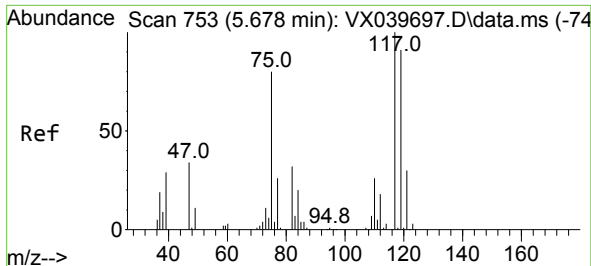
Tgt Ion:113 Resp: 51784
Ion Ratio Lower Upper
113 100
111 104.8 82.9 124.3
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.672 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

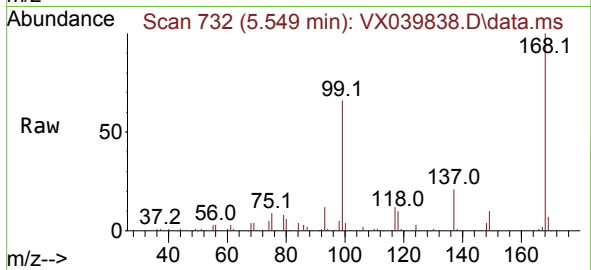
Tgt Ion: 75 Resp: 7903
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



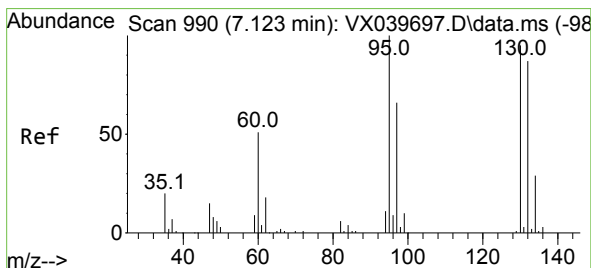
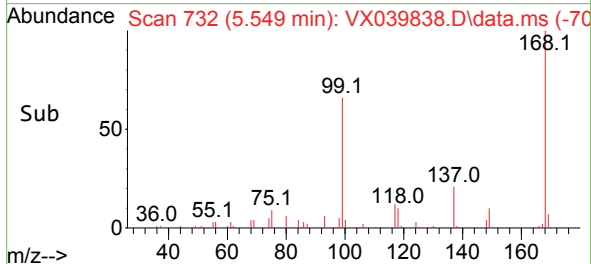
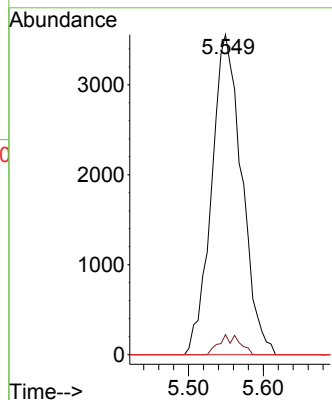


#38
Carbon Tetrachloride
Concen: 6.465 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-23-26

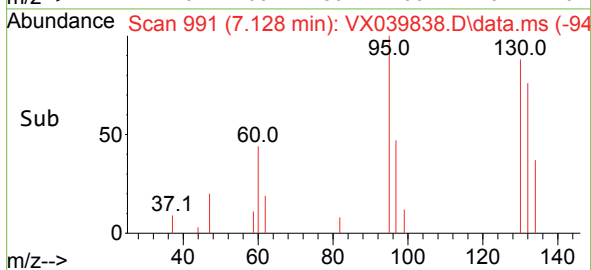
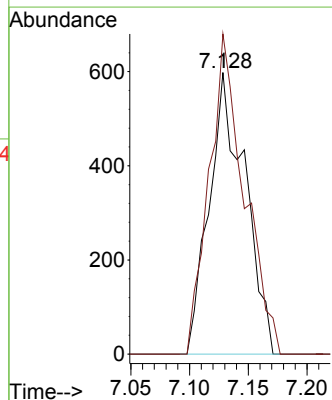
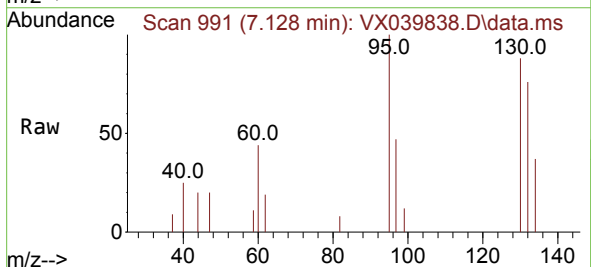


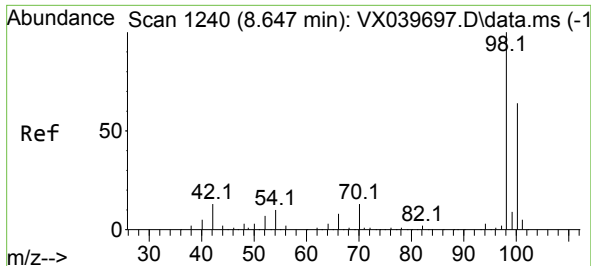
Tgt Ion:117 Resp: 10015
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.080 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

Tgt Ion:130 Resp: 1268
Ion Ratio Lower Upper
130 100
95 113.7 0.0 204.4

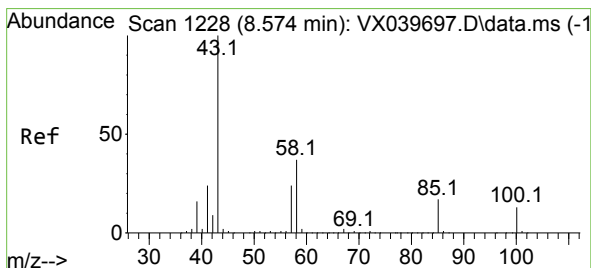
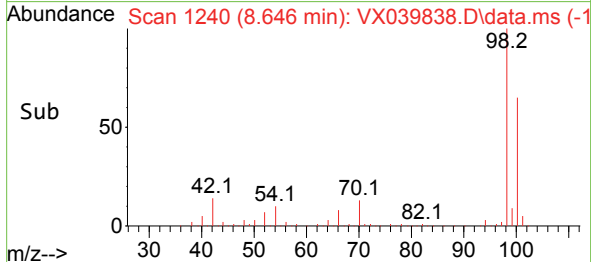
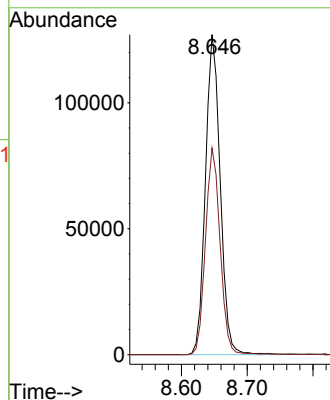
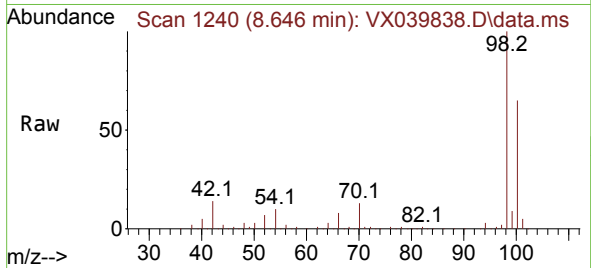




#50
Toluene-d8
Concen: 48.499 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

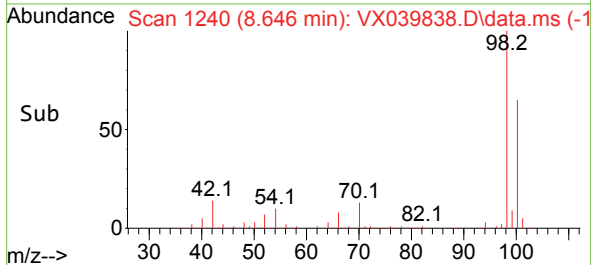
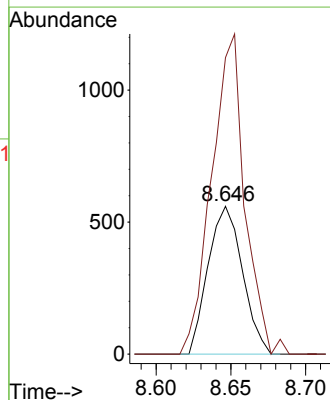
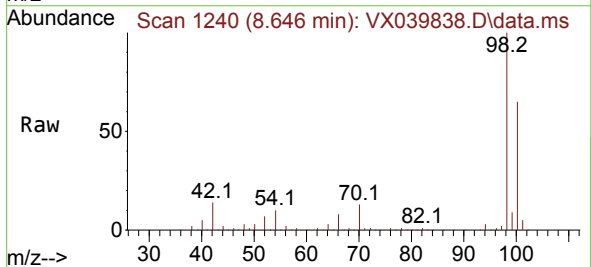
Instrument :
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SUMOGW-6-23-26

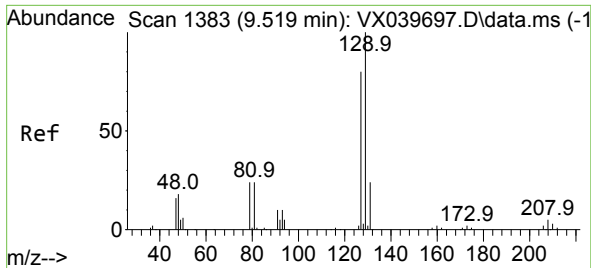
Tgt Ion: 98 Resp: 198763
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.392 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 209.8 30.4 45.6#

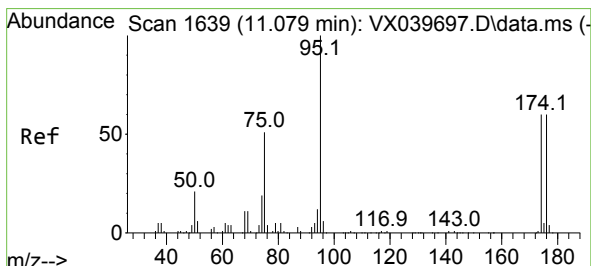
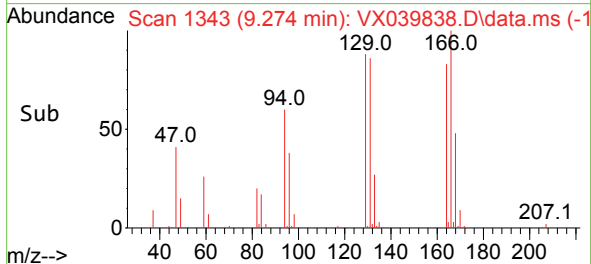
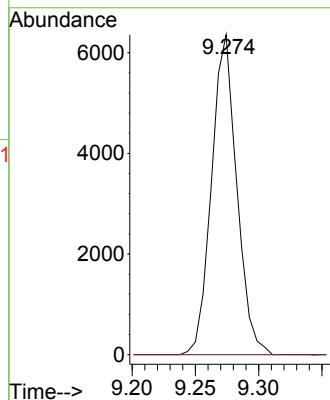
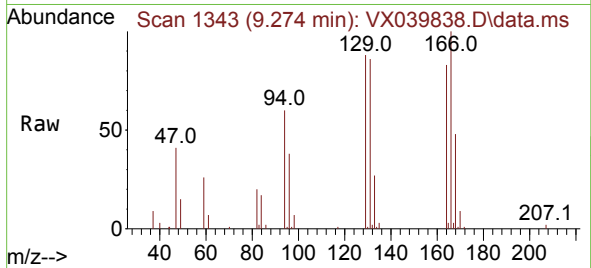




#60
Dibromochloromethane
Concen: 7.677 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

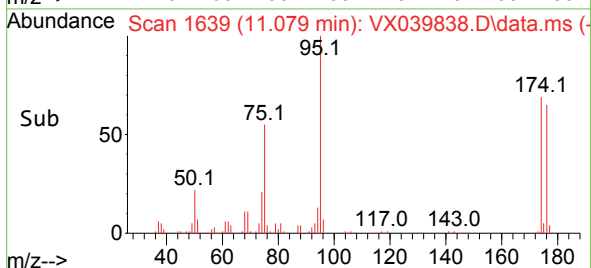
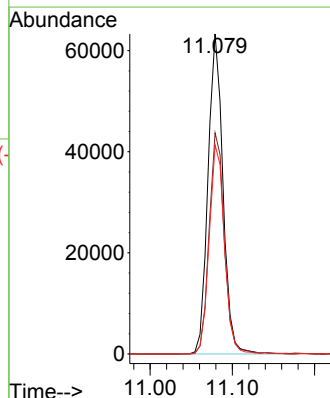
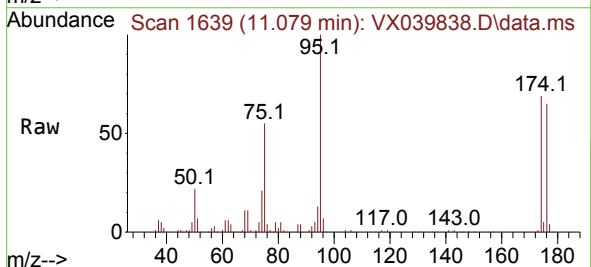
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-23-26

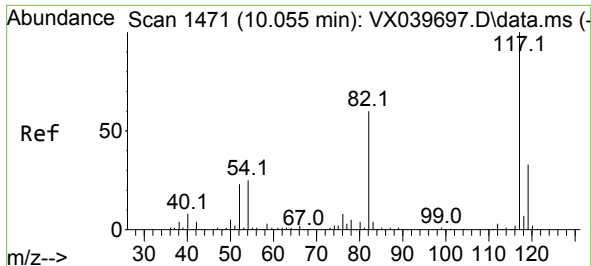
Tgt Ion:129 Resp: 8818
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.882 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

Tgt Ion: 95 Resp: 79942
Ion Ratio Lower Upper
95 100
174 70.3 0.0 135.6
176 66.7 0.0 131.0

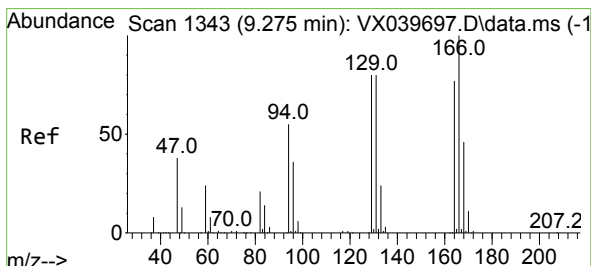
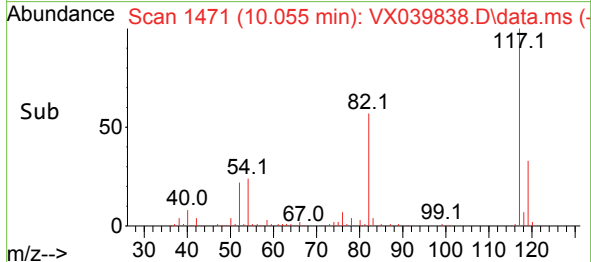
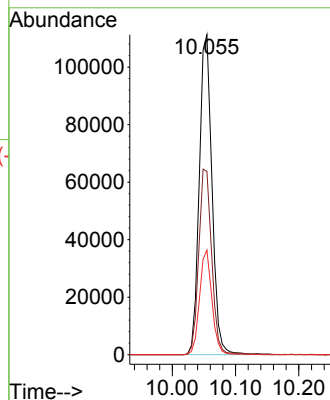
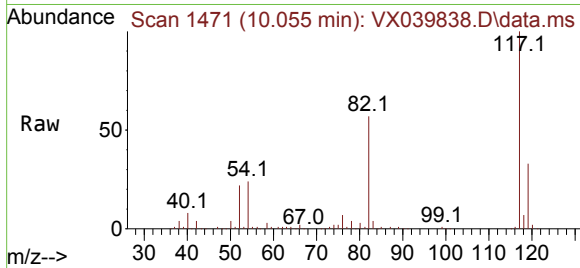




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

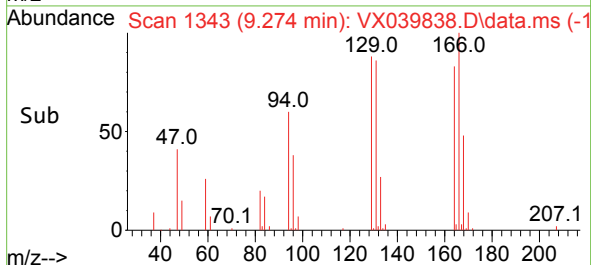
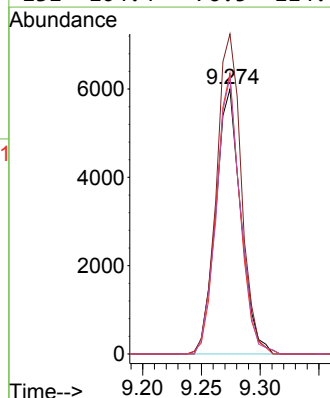
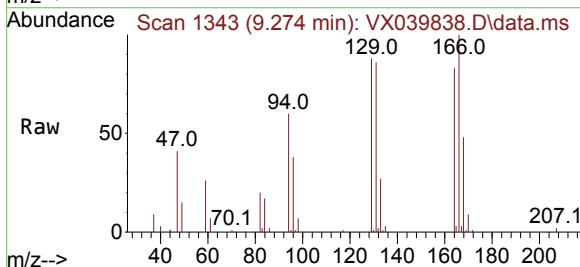
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-23-26

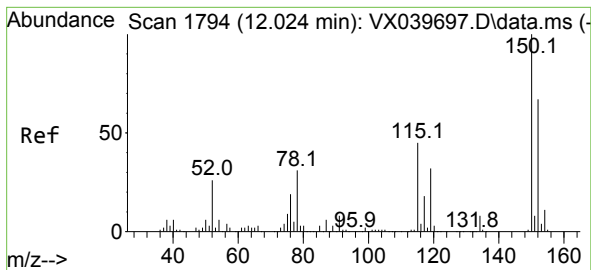
Tgt Ion:117 Resp: 156160
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 8.752 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

Tgt Ion:164 Resp: 8888
Ion Ratio Lower Upper
164 100
166 120.8 102.7 154.1
129 105.9 80.4 120.6
131 104.4 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039838.D

Acq: 19 Jan 2024 14:51

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-6-23-26

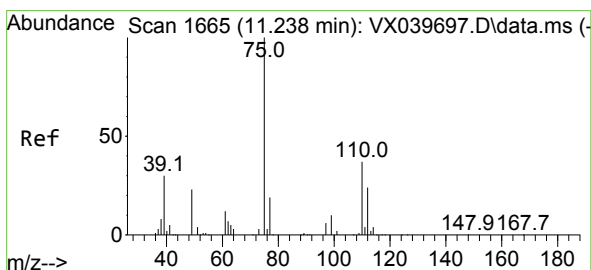
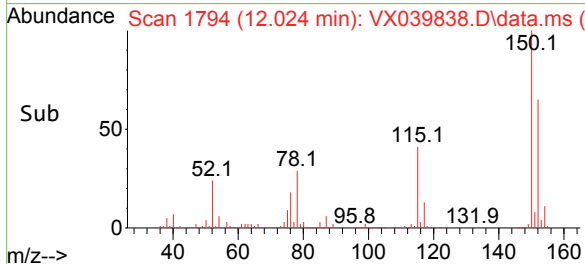
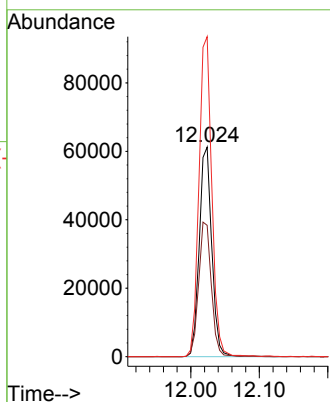
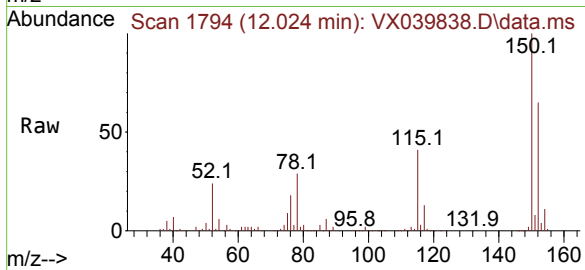
Tgt Ion:152 Resp: 78067

Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 156.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.723 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039838.D

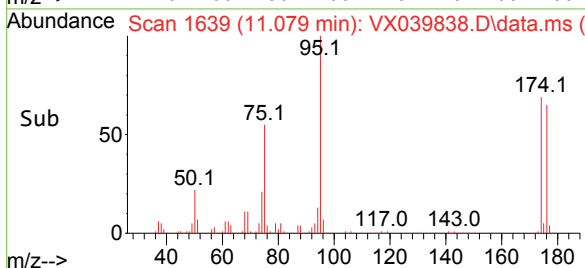
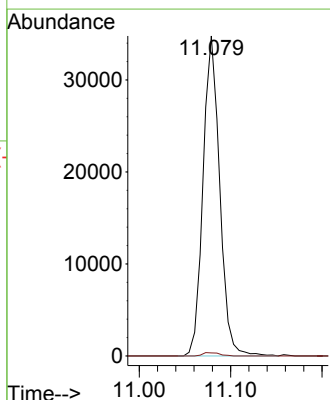
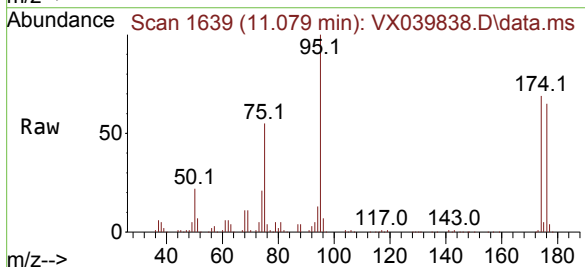
Acq: 19 Jan 2024 14:51

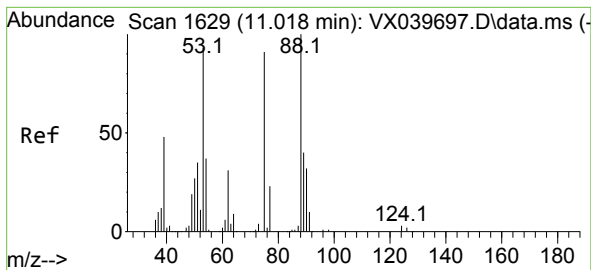
Tgt Ion: 75 Resp: 43966

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

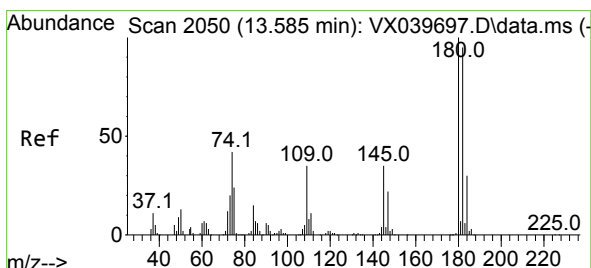
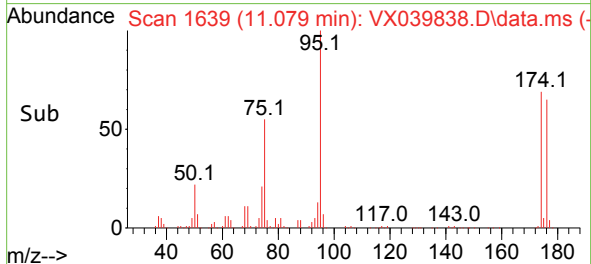
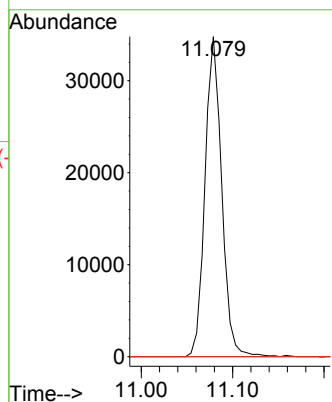
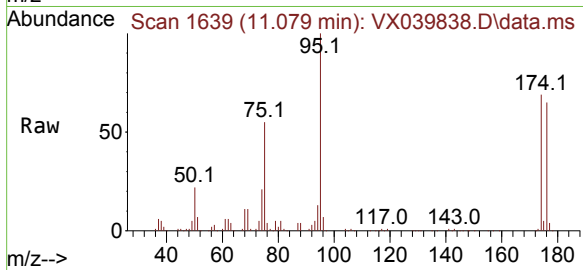




#81
trans-1,4-Dichloro-2-butene
Concen: 63.129 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

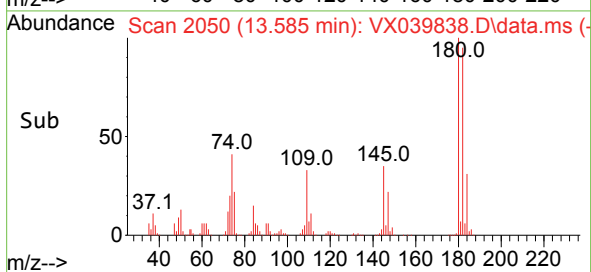
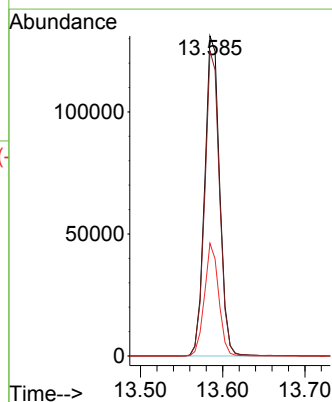
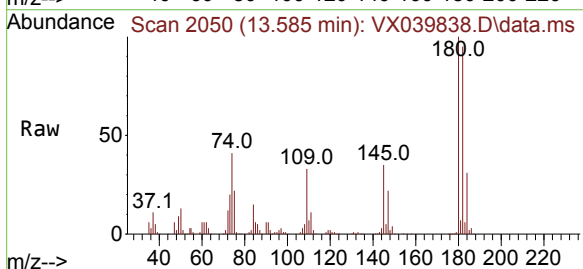
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-23-26

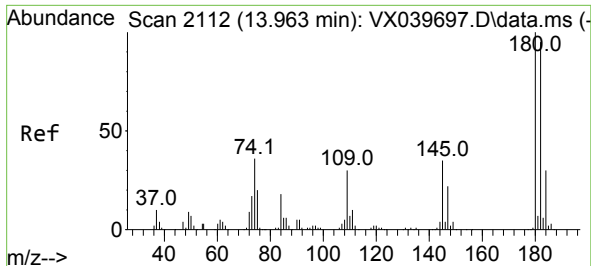
Tgt Ion: 75 Resp: 43966
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 102.852 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039838.D
Acq: 19 Jan 2024 14:51

Tgt Ion:180 Resp: 164840
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.8
145 33.6 18.0 54.0





#96

1,2,3-Trichlorobenzene

Concen: 21.583 ug/l

RT: 13.962 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039838.D

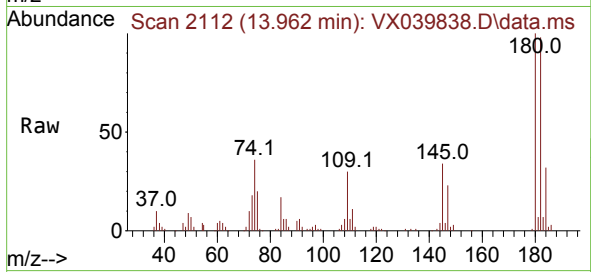
Acq: 19 Jan 2024 14:51

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-6-23-26



Tgt Ion:180 Resp: 34911

Ion Ratio Lower Upper

180 100

182 94.3 46.9 140.6

145 34.9 17.8 53.5

