

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039878.D
 Acq On : 22 Jan 2024 13:07
 Operator : JC/MD
 Sample : P1184-12RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 23 00:15:47 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)

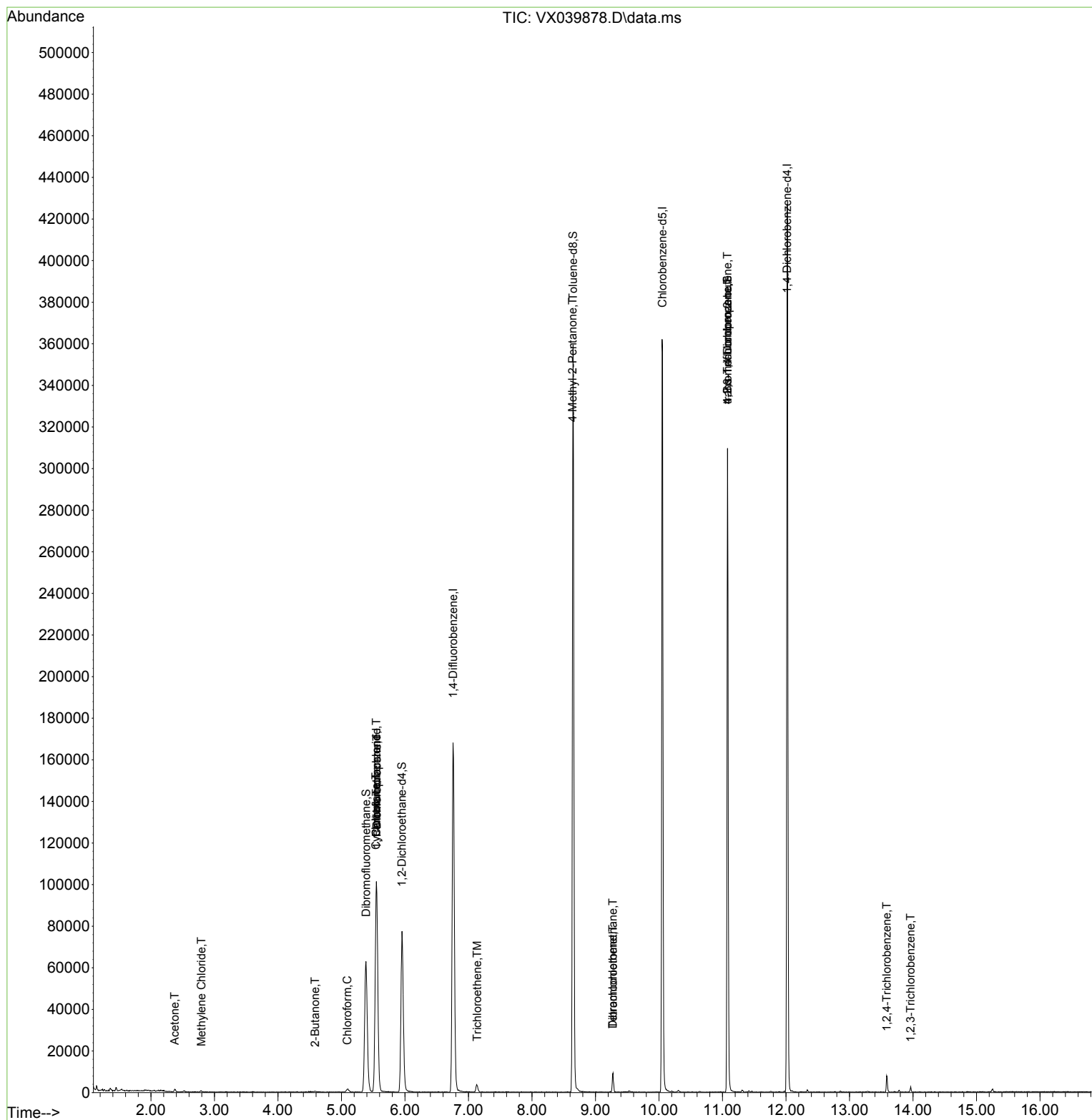
Internal Standards						
1) Pentafluorobenzene	5.550	168	91097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166550	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71156	46.629	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.260%
35) Dibromofluoromethane	5.385	113	54020	48.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.320%
50) Toluene-d8	8.647	98	204622	48.364	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.079	95	80113	48.422	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.840%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	1351	1.574	ug/l	94
20) Methylene Chloride	2.794	84	313	0.241	ug/l #	57
25) 2-Butanone	4.587	43	388	0.315	ug/l #	51
30) Chloroform	5.093	83	1928	0.862	ug/l	85
31) Cyclohexane	5.544	56	2469	1.226	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	8145	4.665	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9928	6.208	ug/l #	15
44) Trichloroethene	7.135	130	1338	1.104	ug/l	92
51) 4-Methyl-2-Pentanone	8.641	43	971	0.413	ug/l #	1
60) Dibromochloromethane	9.275	129	1511	1.274	ug/l #	11
64) Tetrachloroethene	9.275	164	1306	1.287	ug/l #	83
76) 1,2,3-Trichloropropane	11.079	75	45329	22.006	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	45329	63.861	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	1962	1.203	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	631	0.383	ug/l	86

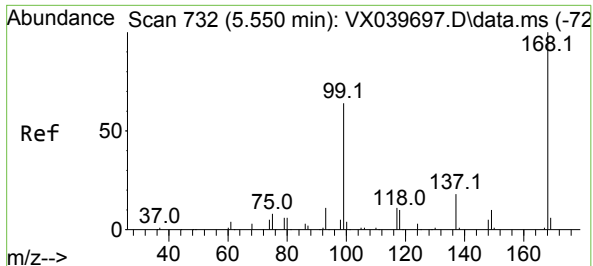
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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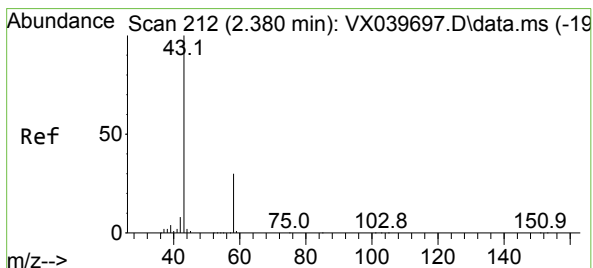
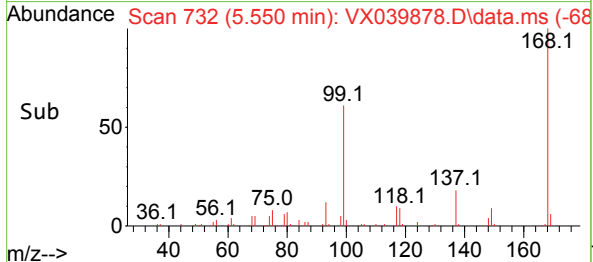
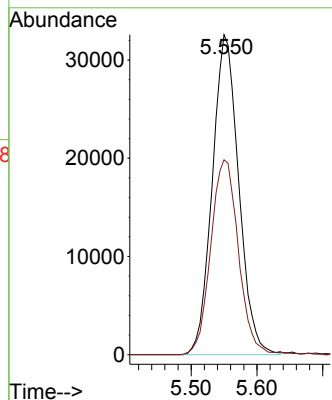
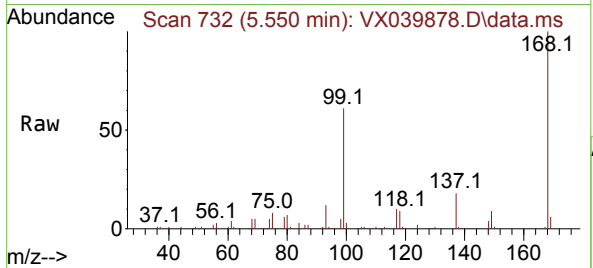




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

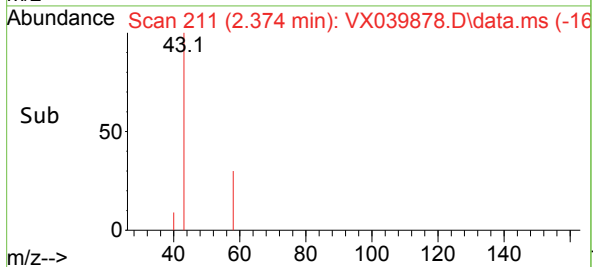
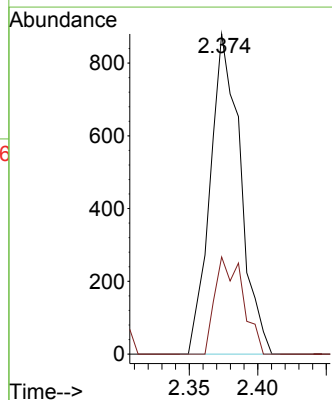
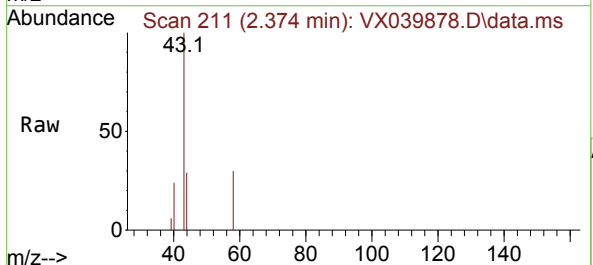
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

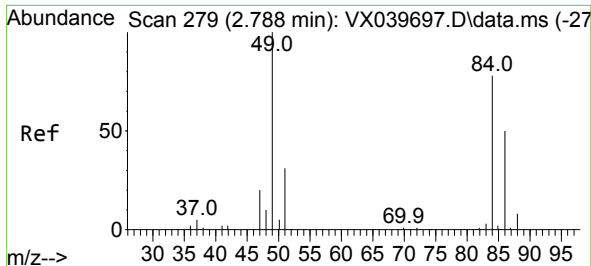
Tgt Ion:168 Resp: 91097
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#16
Acetone
Concen: 1.574 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9





#20

Methylene Chloride

Concen: 0.241 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX039878.D

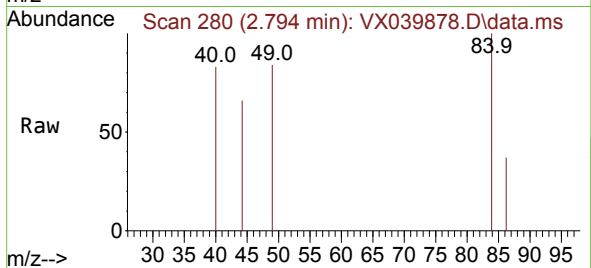
Acq: 22 Jan 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-5-10-13



Tgt Ion: 84 Resp: 313

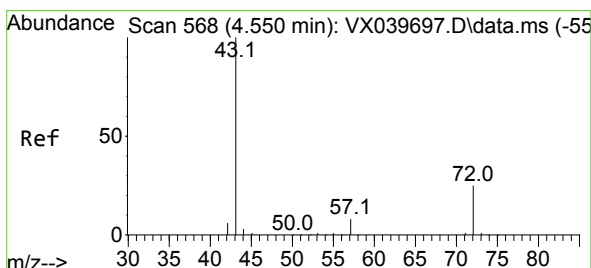
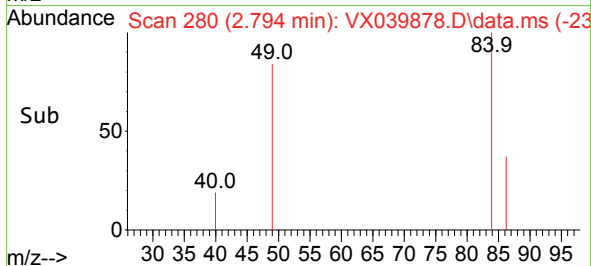
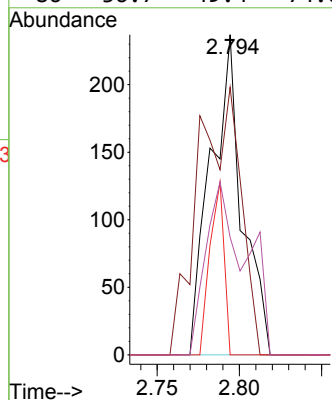
Ion Ratio Lower Upper

84 100

49 83.5 103.6 155.4#

51 0.0 33.8 50.6#

86 36.7 49.4 74.0#



#25

2-Butanone

Concen: 0.315 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.037 min

Lab File: VX039878.D

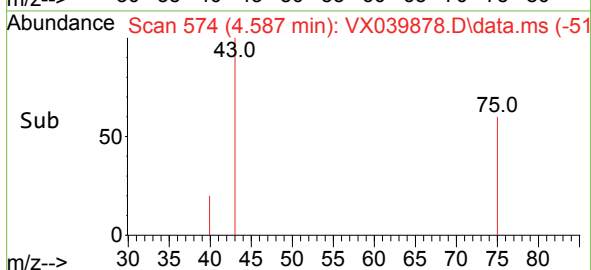
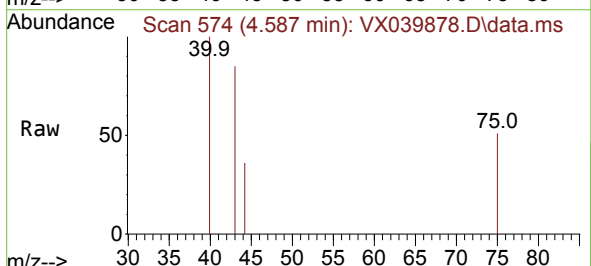
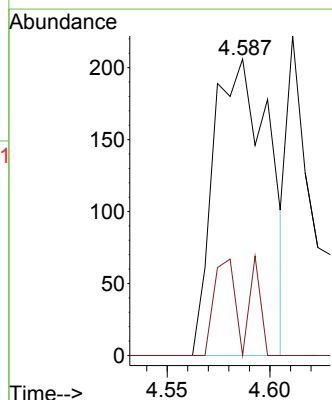
Acq: 22 Jan 2024 13:07

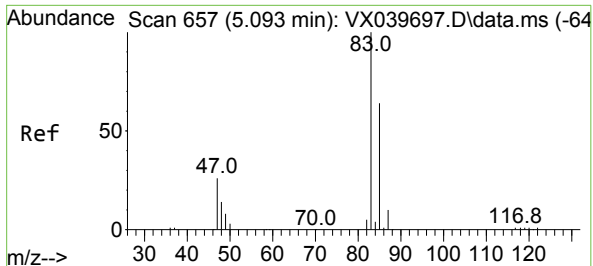
Tgt Ion: 43 Resp: 388

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#

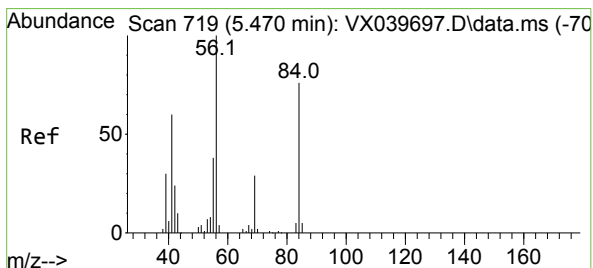
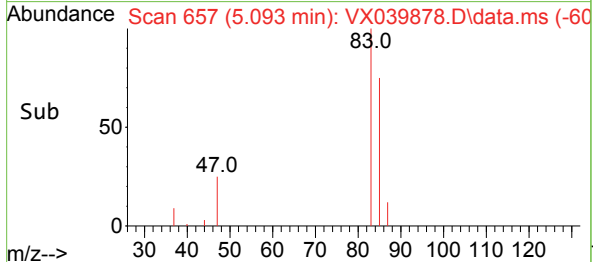
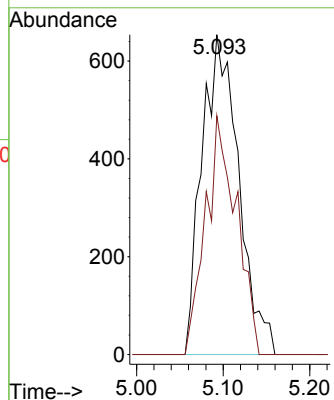
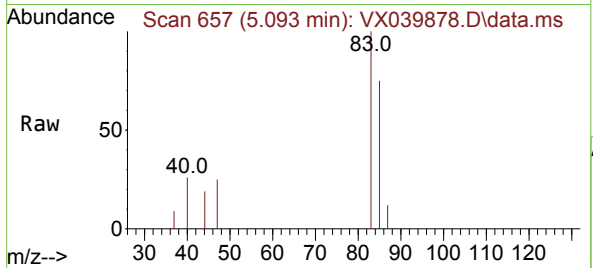




#30
Chloroform
Concen: 0.862 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

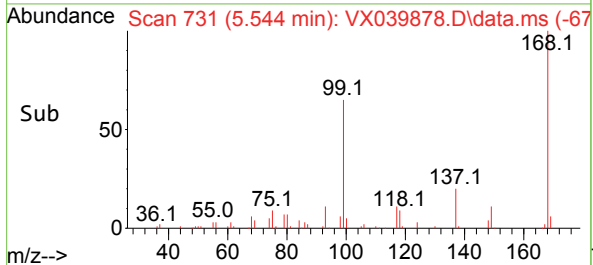
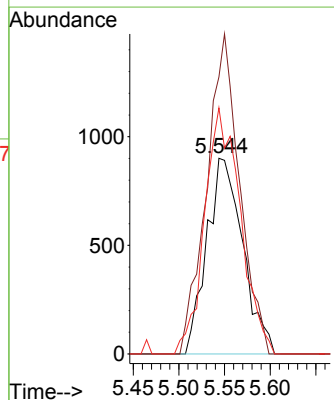
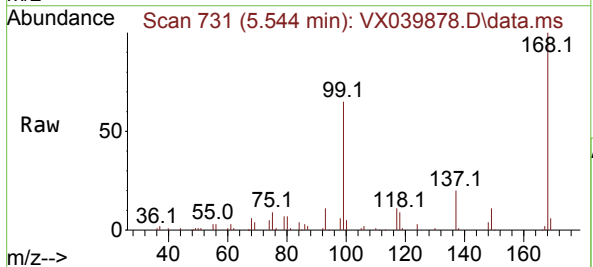
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

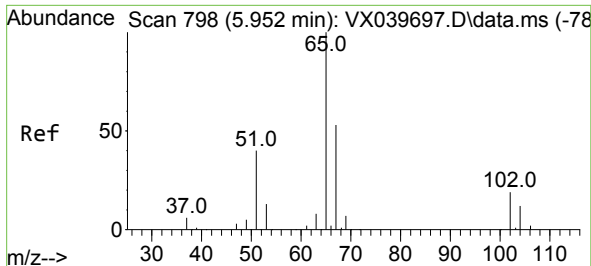
Tgt Ion: 83 Resp: 1928
Ion Ratio Lower Upper
83 100
85 74.6 50.3 75.5



#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

Tgt Ion: 56 Resp: 2469
Ion Ratio Lower Upper
56 100
69 141.5 23.4 35.2#
84 125.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.629 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039878.D

Acq: 22 Jan 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

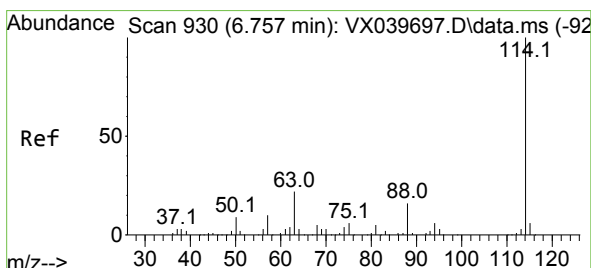
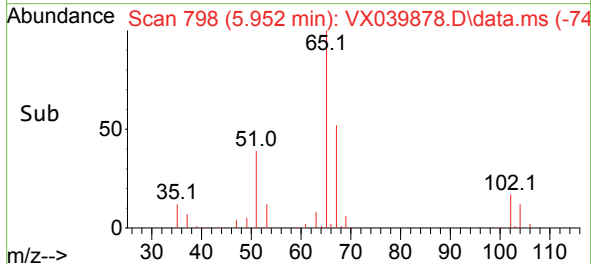
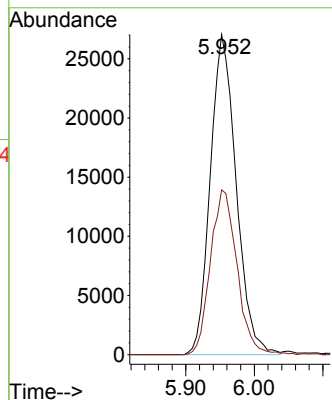
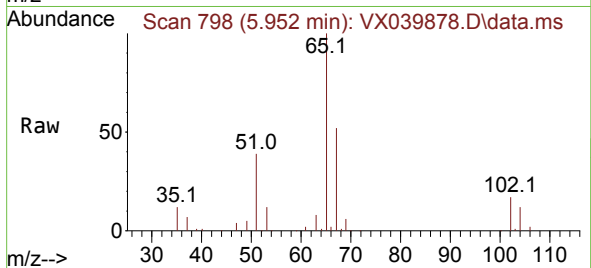
SUMOGW-5-10-13

Tgt Ion: 65 Resp: 71156

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039878.D

Acq: 22 Jan 2024 13:07

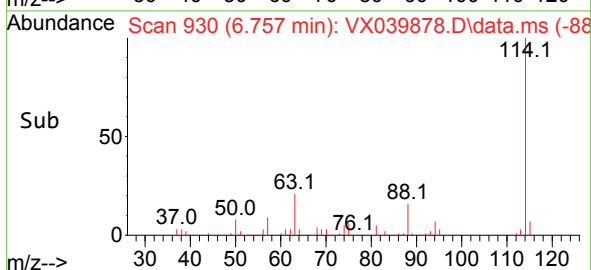
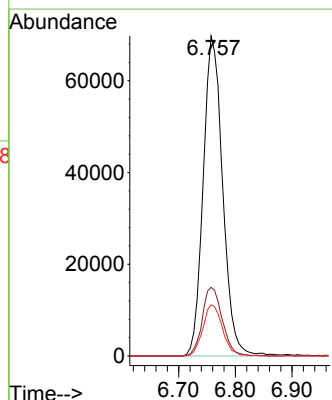
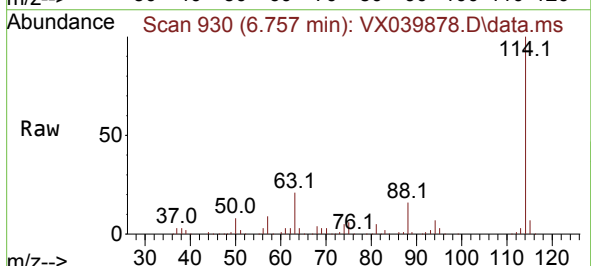
Tgt Ion: 114 Resp: 166550

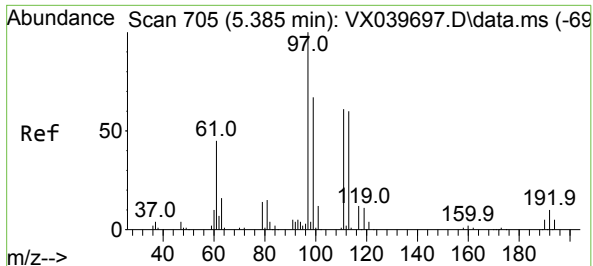
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 16.0 0.0 36.6

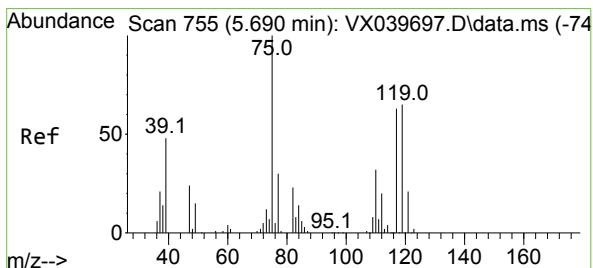
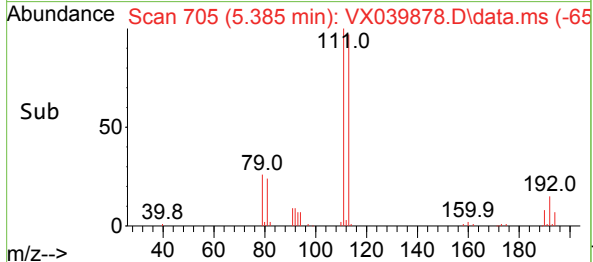
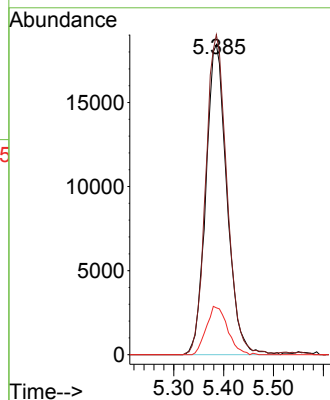
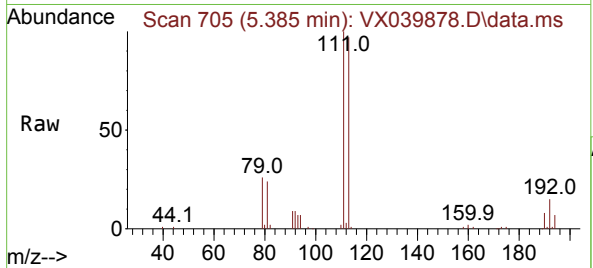




#35
Dibromofluoromethane
Concen: 48.155 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

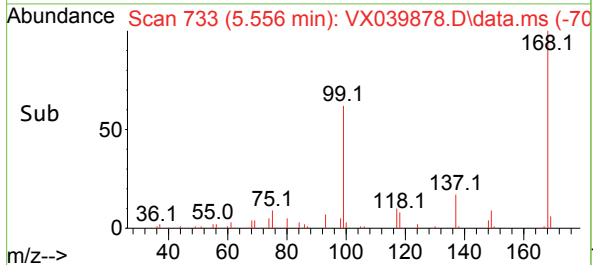
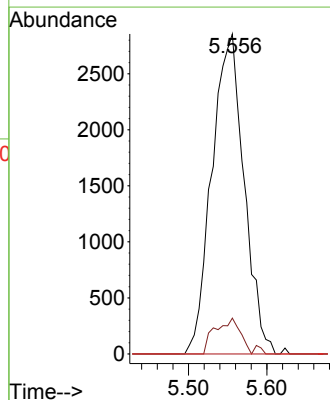
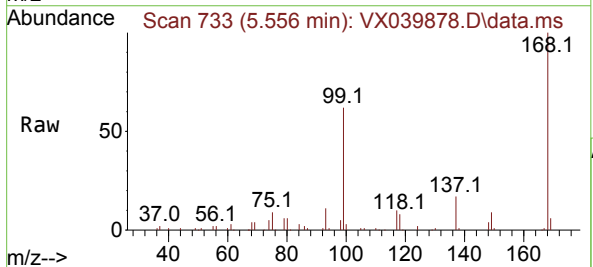
Instrument :
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SUMOGW-5-10-13

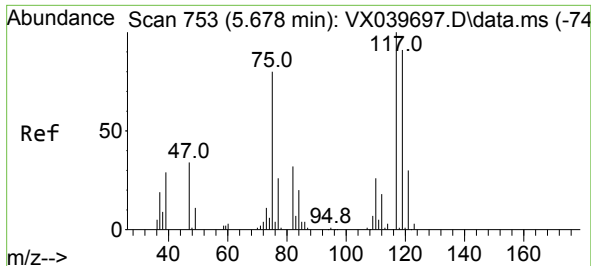
Tgt Ion:113 Resp: 54020
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 15.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

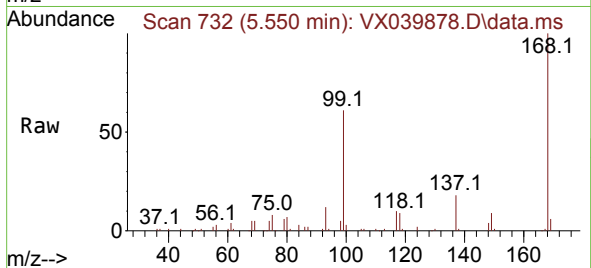
Tgt Ion: 75 Resp: 8145
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



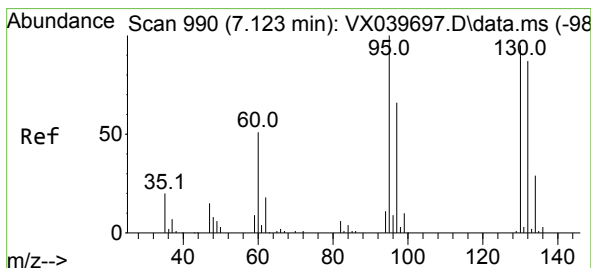
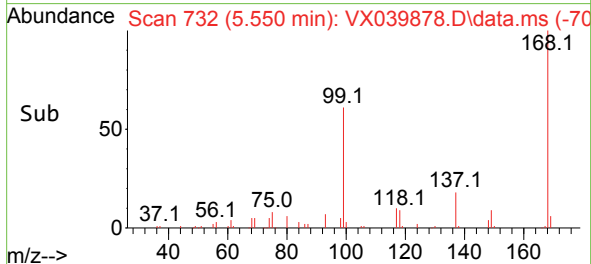
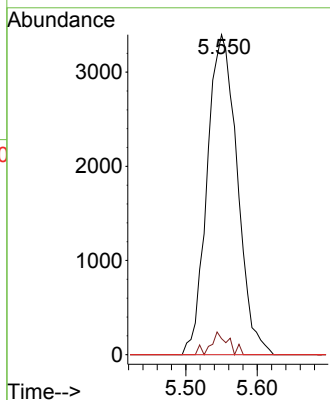


#38
Carbon Tetrachloride
Concen: 6.208 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

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

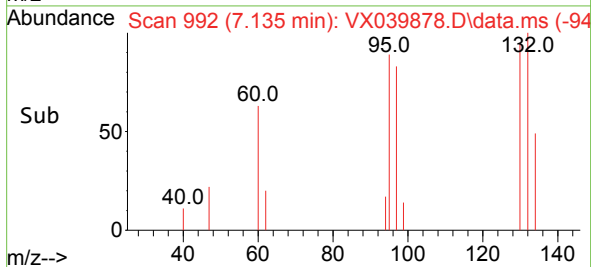
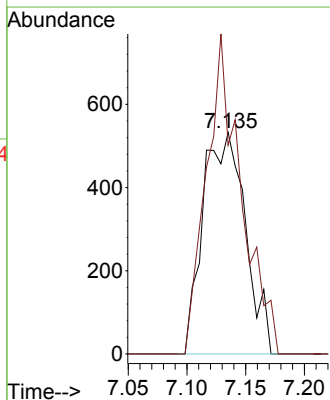
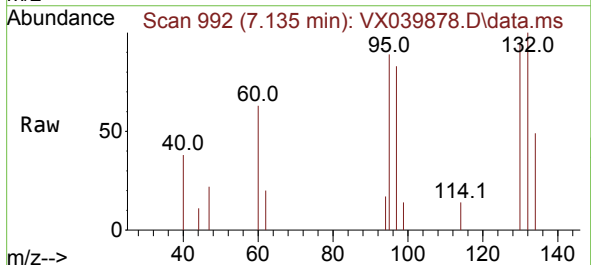


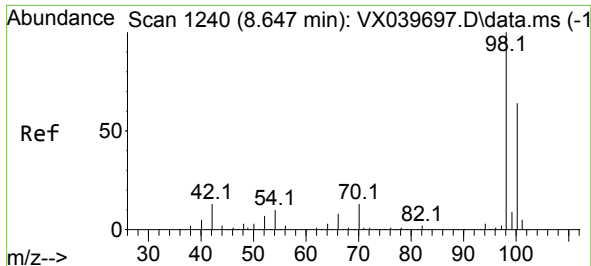
Tgt Ion:117 Resp: 9928
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.104 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

Tgt Ion:130 Resp: 1338
Ion Ratio Lower Upper
130 100
95 94.4 0.0 204.4

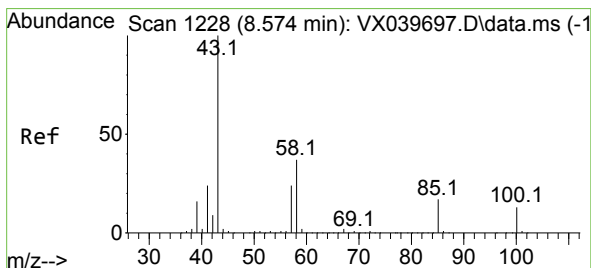
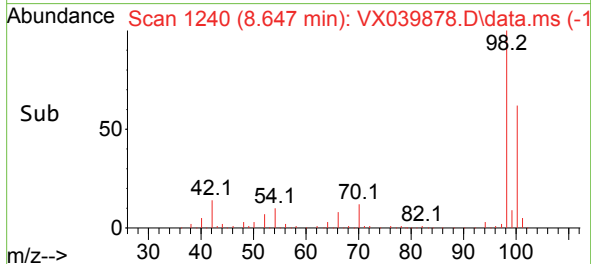
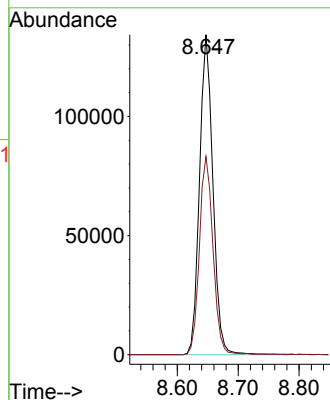
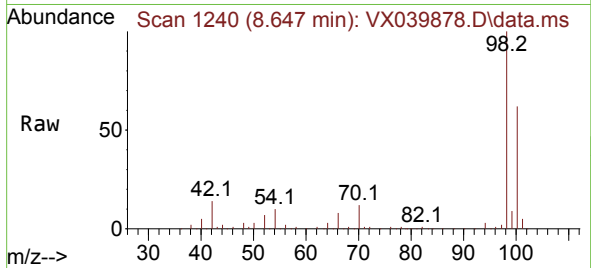




#50
Toluene-d8
Concen: 48.364 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

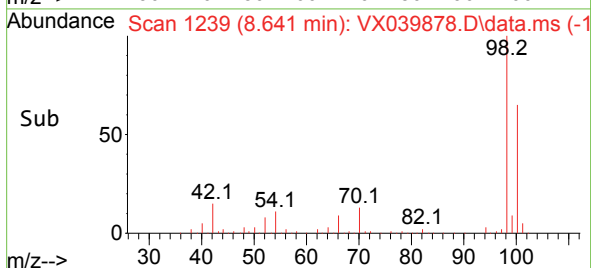
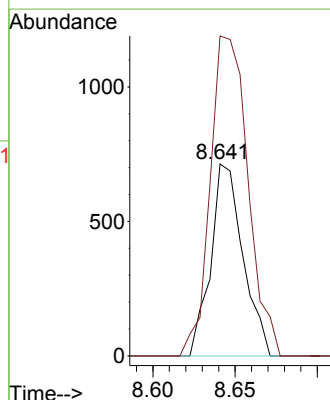
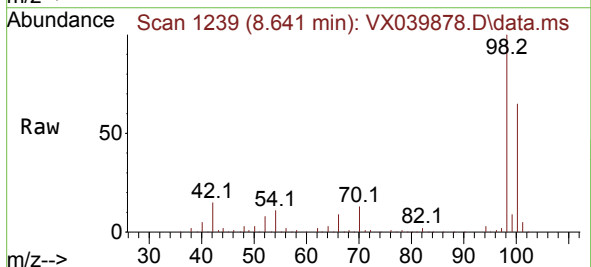
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

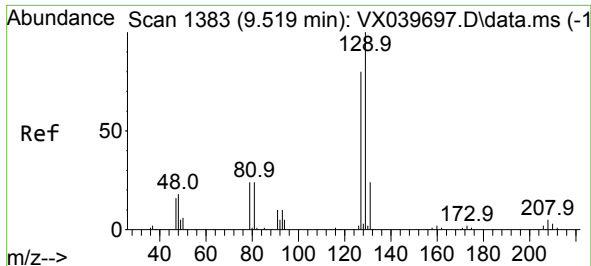
Tgt Ion: 98 Resp: 204622
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.413 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 195.3 30.4 45.6#

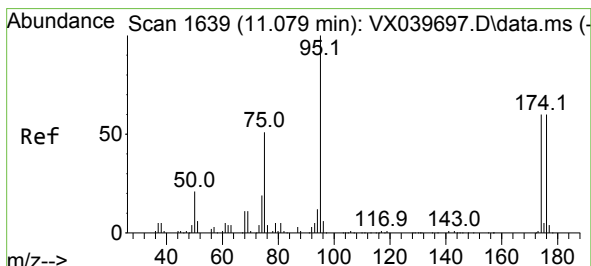
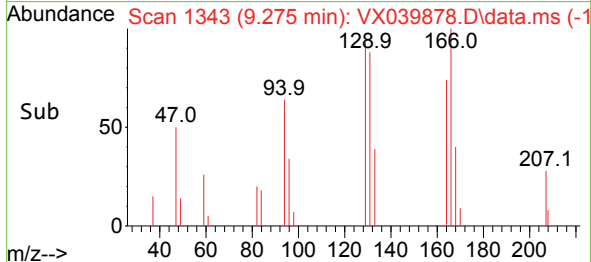
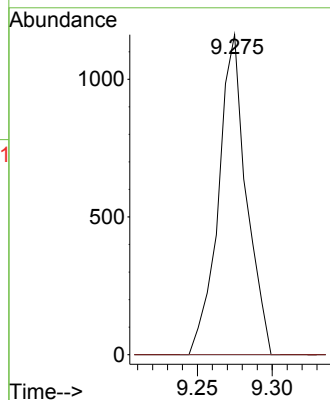
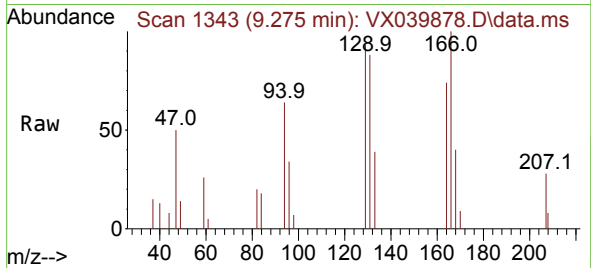




#60
Dibromochloromethane
Concen: 1.274 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

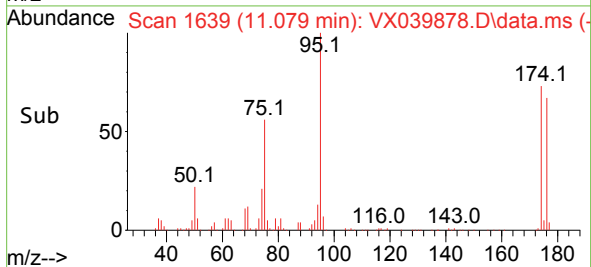
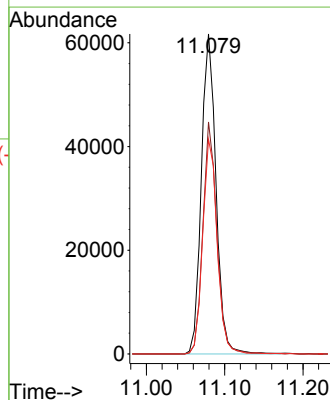
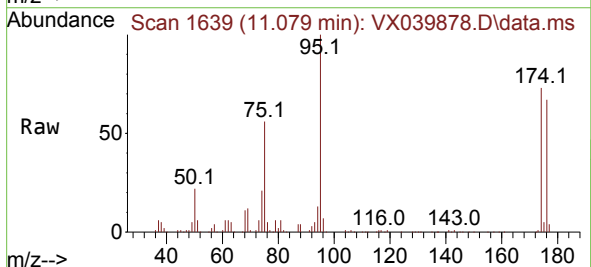
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

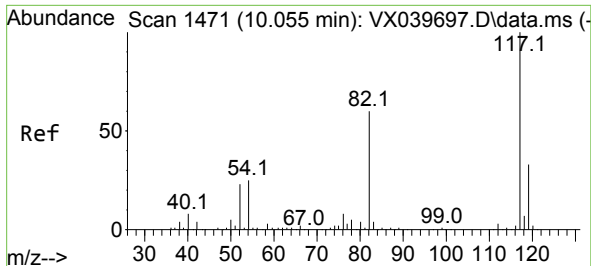
Tgt Ion:129 Resp: 1511
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 48.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

Tgt Ion: 95 Resp: 80113
Ion Ratio Lower Upper
95 100
174 69.4 0.0 135.6
176 66.6 0.0 131.0

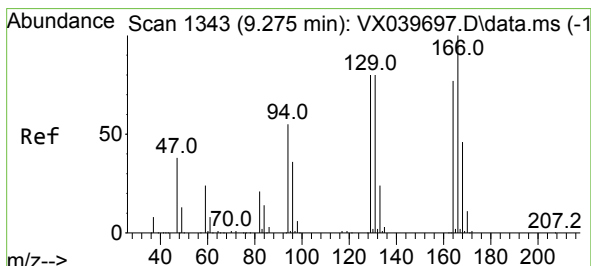
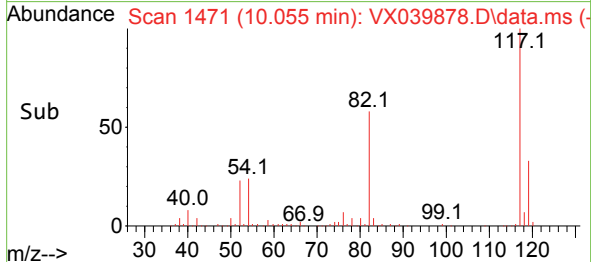
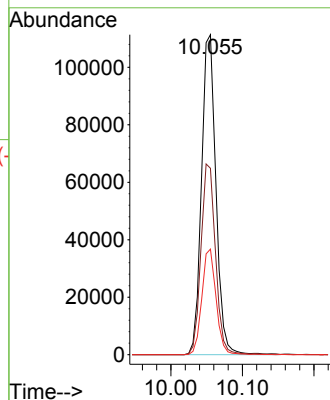
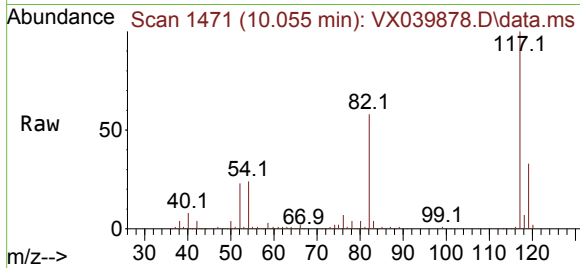




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

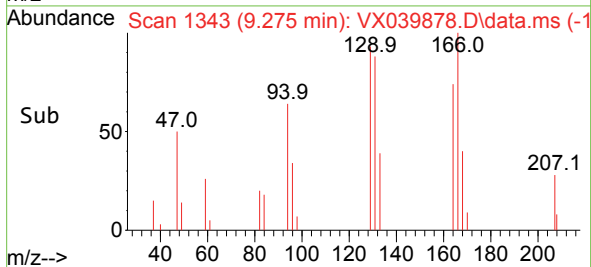
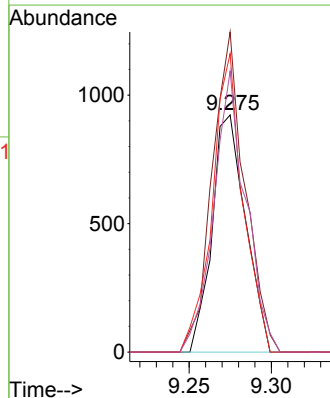
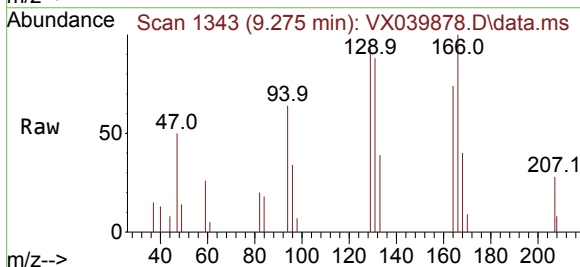
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

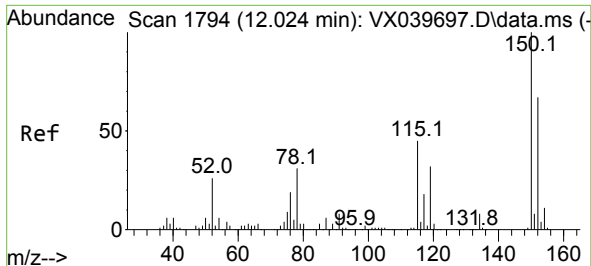
Tgt Ion:117 Resp: 156064
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 1.287 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

Tgt Ion:164 Resp: 1306
Ion Ratio Lower Upper
164 100
166 135.0 102.7 154.1
129 125.9 80.4 120.6#
131 118.5 76.5 114.7#

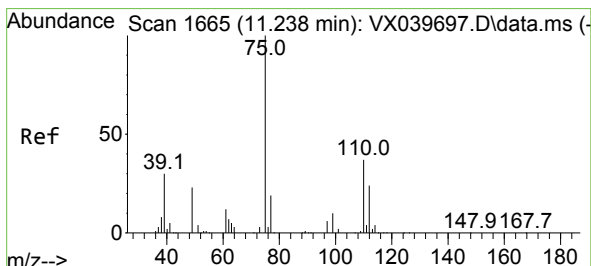
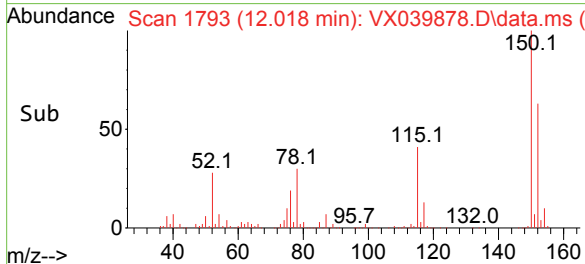
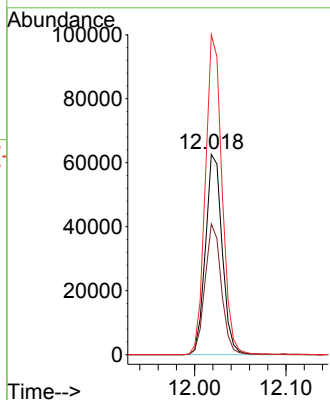
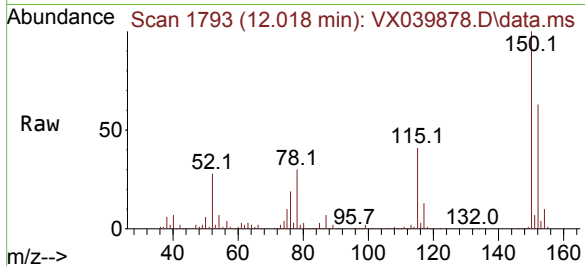




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VX039878.D
 Acq: 22 Jan 2024 13:07

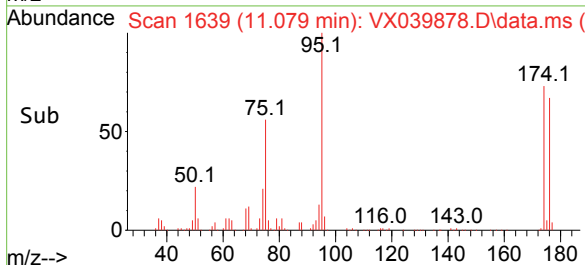
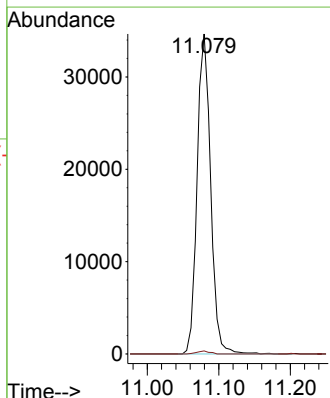
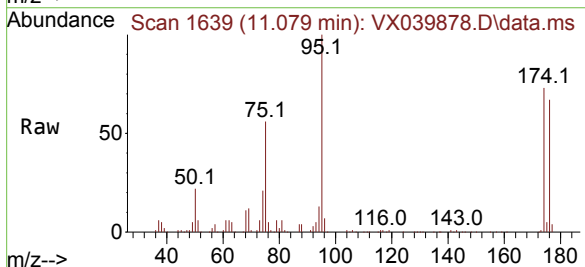
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-5-10-13

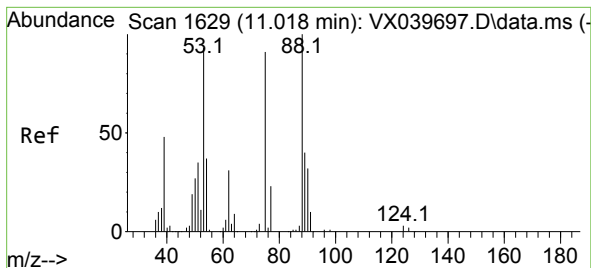
Tgt Ion:152 Resp: 79451
 Ion Ratio Lower Upper
 152 100
 115 64.0 43.3 129.9
 150 158.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.006 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX039878.D
 Acq: 22 Jan 2024 13:07

Tgt Ion: 75 Resp: 45329
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

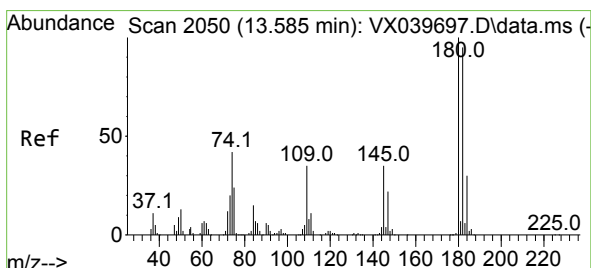
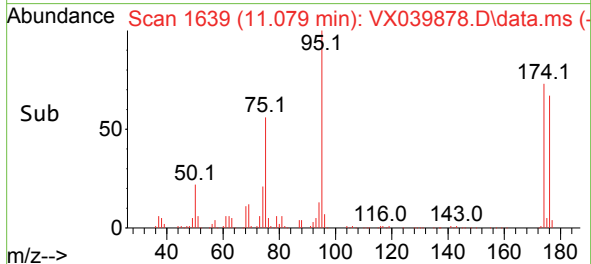
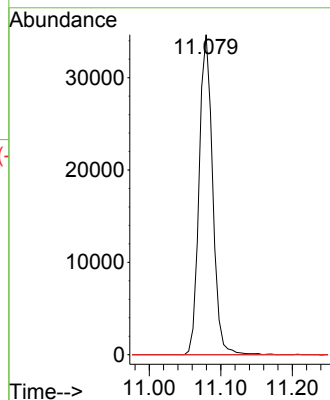
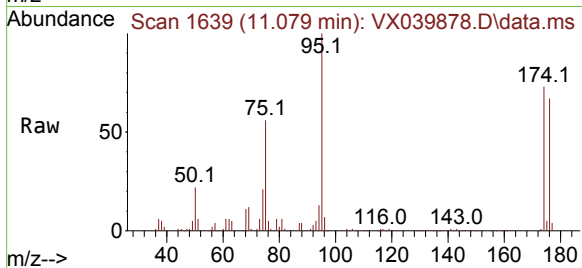




#81
trans-1,4-Dichloro-2-butene
Concen: 63.861 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

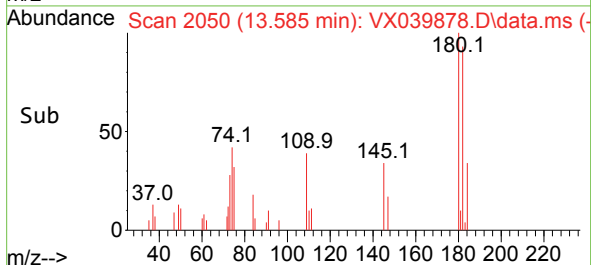
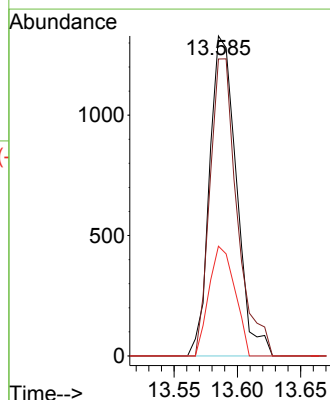
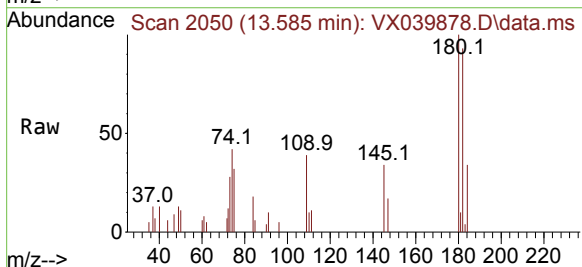
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

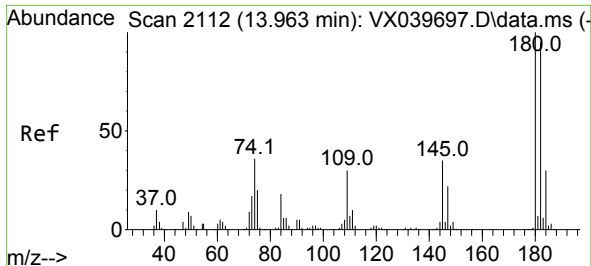
Tgt Ion: 75 Resp: 45329
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 1.203 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

Tgt Ion: 180 Resp: 1962
Ion Ratio Lower Upper
180 100
182 93.9 48.3 144.8
145 33.1 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.383 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX039878.D
 Acq: 22 Jan 2024 13:07

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

Tgt Ion:180 Resp: 631
 Ion Ratio Lower Upper
 180 100
 182 106.5 46.9 140.6
 145 27.4 17.8 53.5

