

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039878.D
 Acq On : 22 Jan 2024 13:07
 Operator : JC/MD
 Sample : P1184-12
 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)

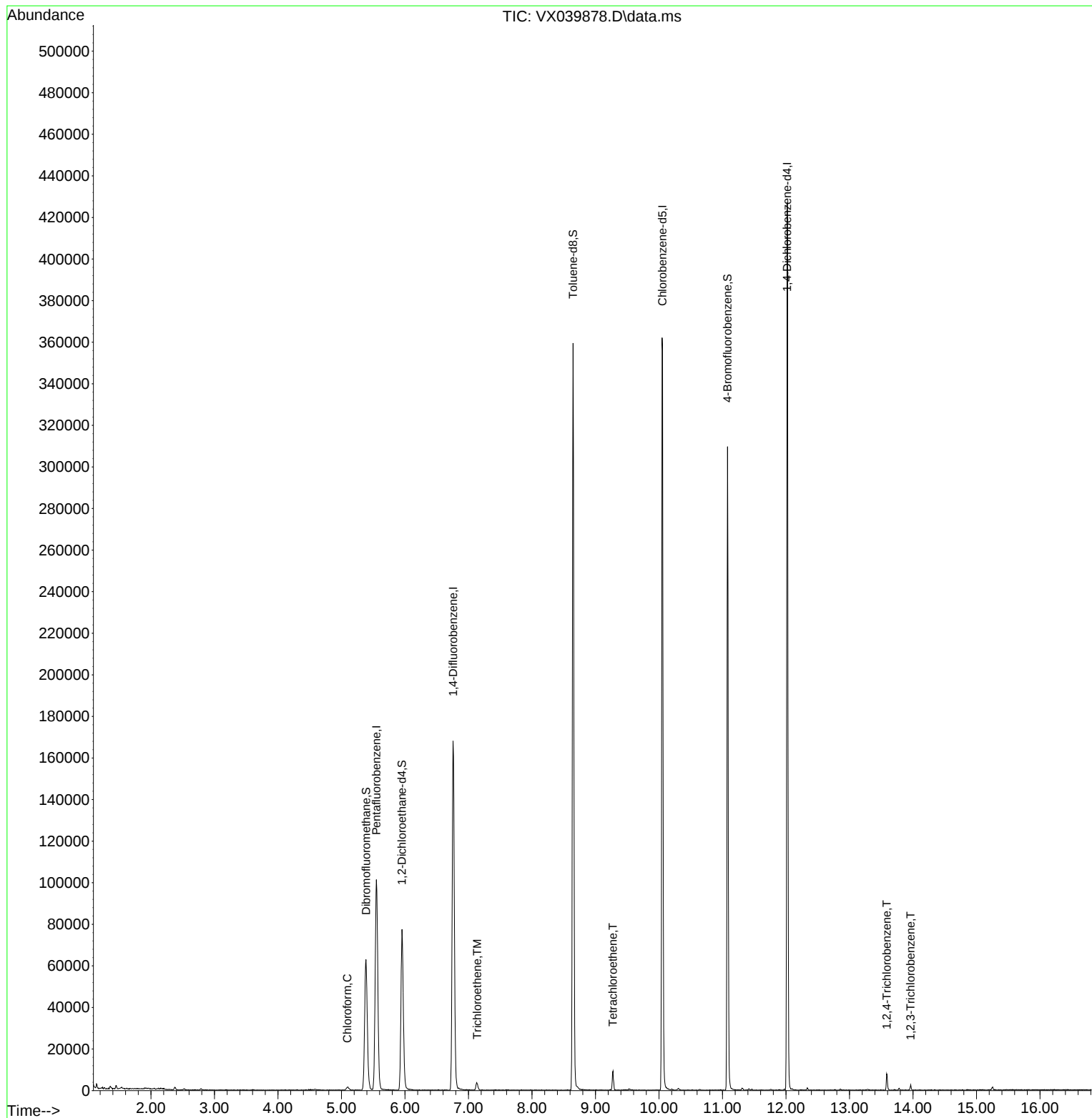
Internal Standards						
1) Pentafluorobenzene	5.550	168	91097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166550	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
30) Chloroform	5.093	83	1928	0.862	ug/l	85
44) Trichloroethene	7.135	130	1338	1.104	ug/l	92
64) Tetrachloroethene	9.275	164	1306	1.287	ug/l #	83
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

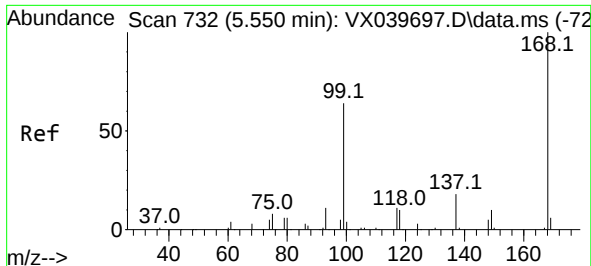
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant 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

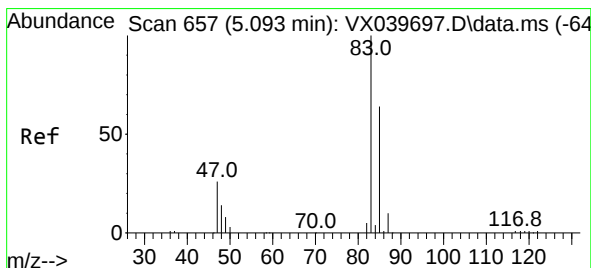
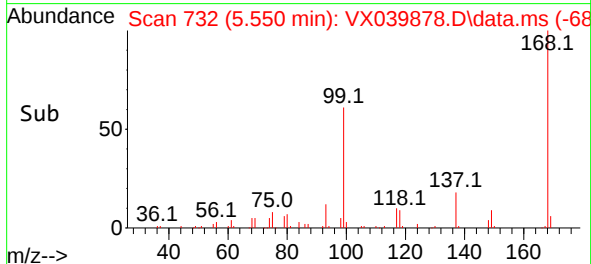
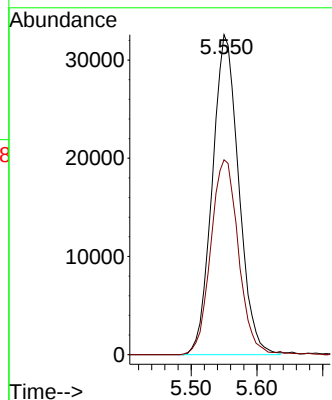
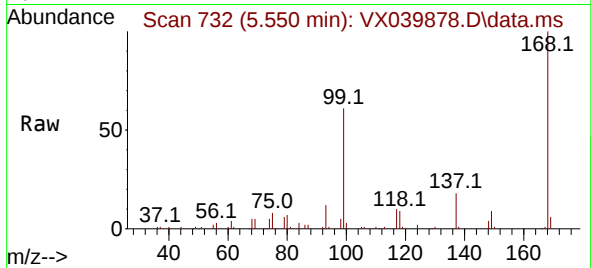




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

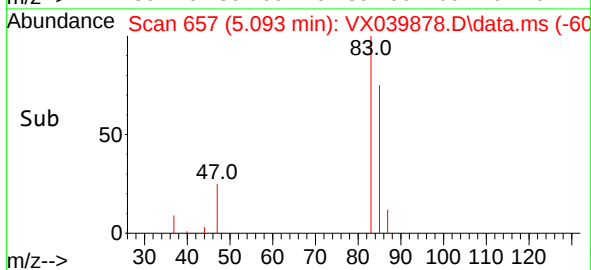
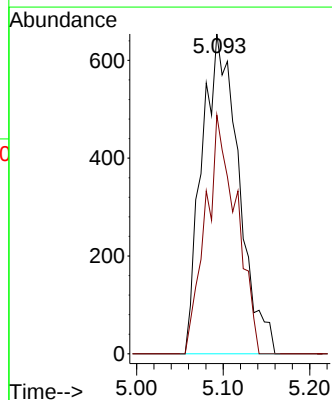
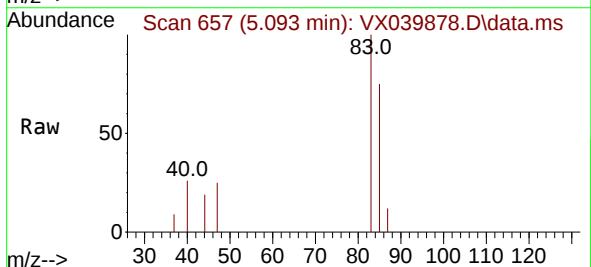
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

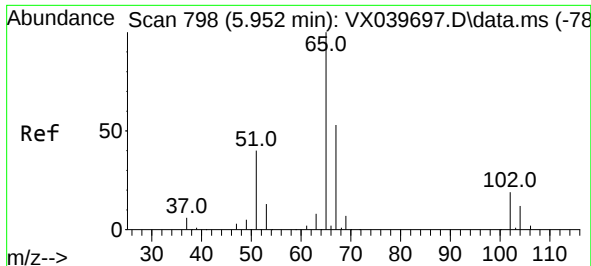
Tgt Ion:168 Resp: 91097
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#30
Chloroform
Concen: 0.862 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

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

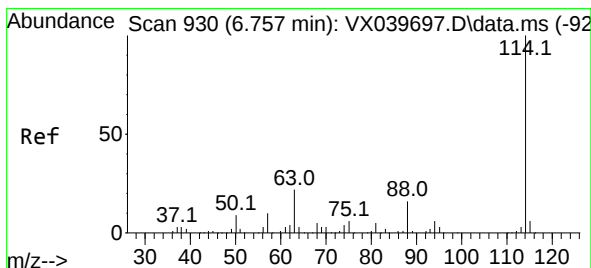
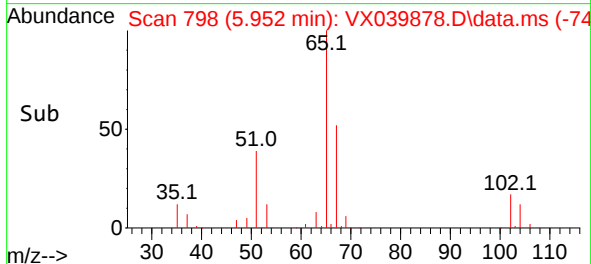
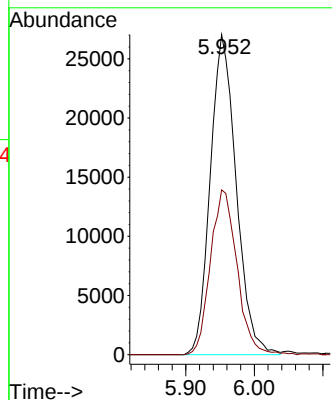
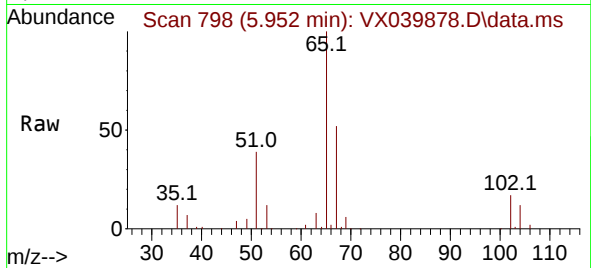




#33
 1,2-Dichloroethane-d4
 Concen: 46.629 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039878.D
 Acq: 22 Jan 2024 13:07

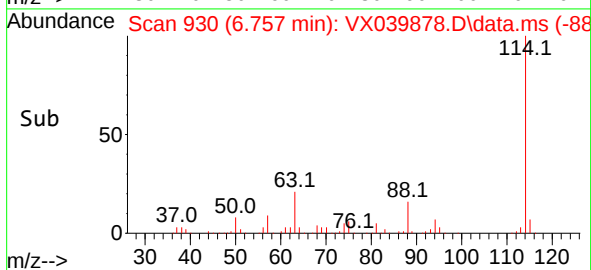
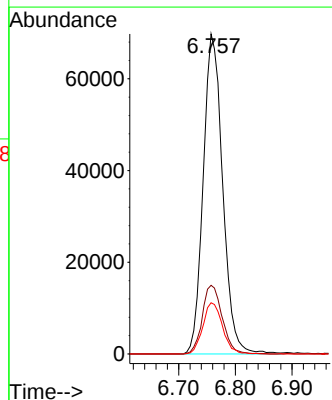
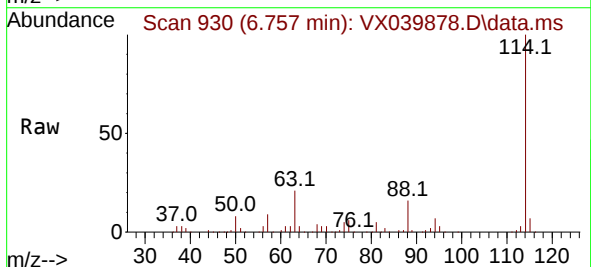
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-5-10-13

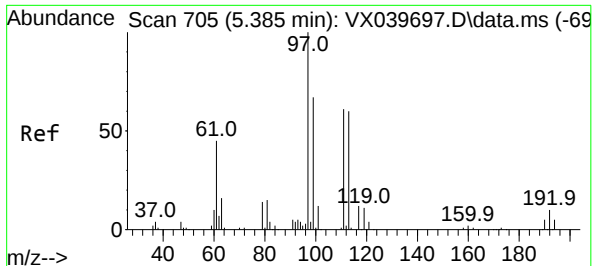
Tgt Ion: 65 Resp: 71156
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.2



#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

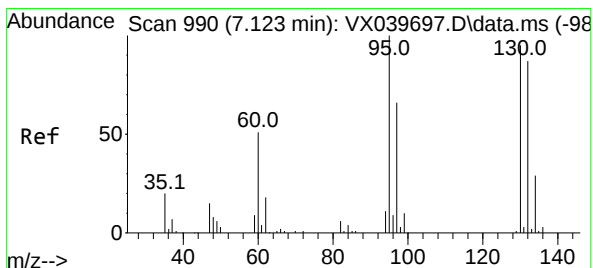
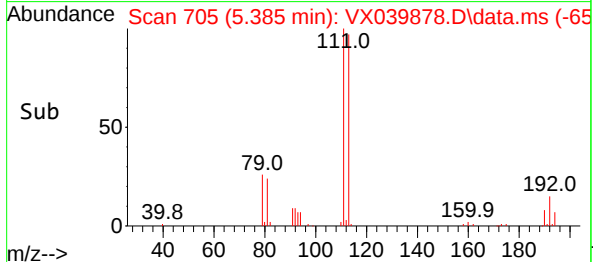
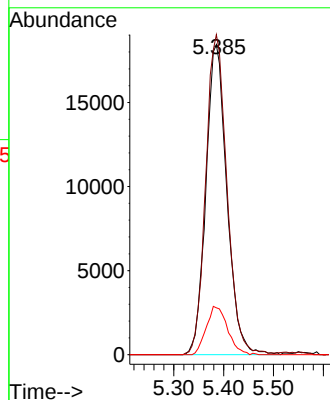
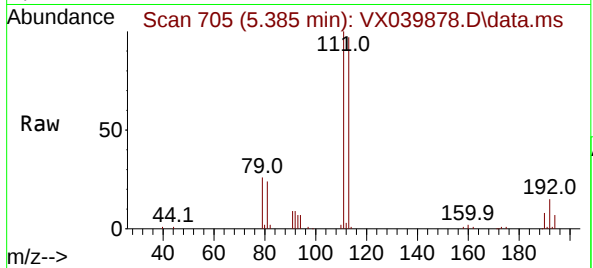




#35
Dibromofluoromethane
Concen: 48.155 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

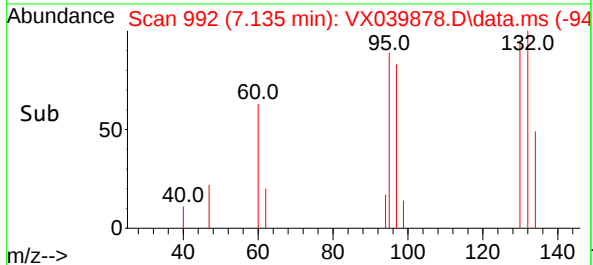
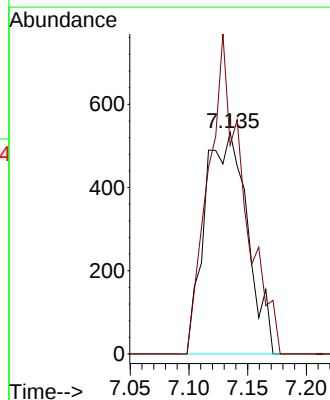
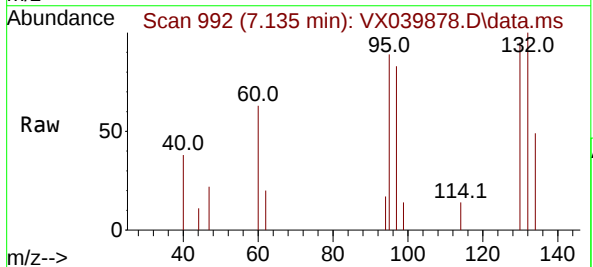
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

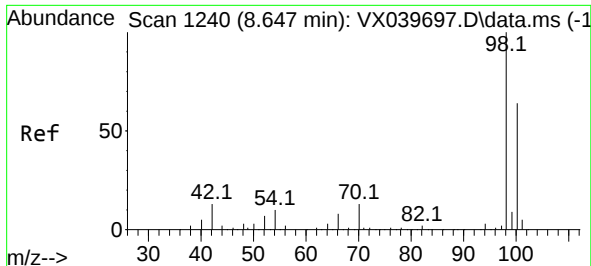
Tgt Ion:113 Resp: 54020
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 15.8 13.3 19.9



#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

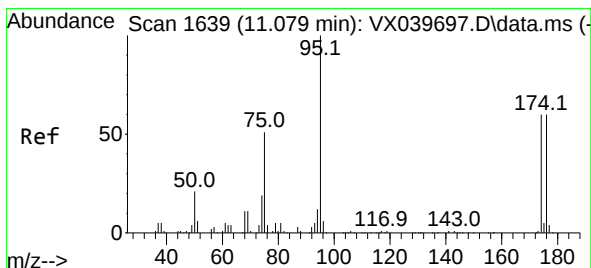
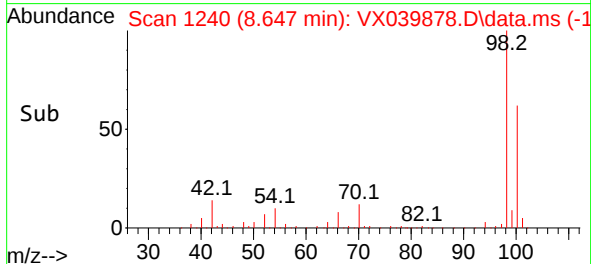
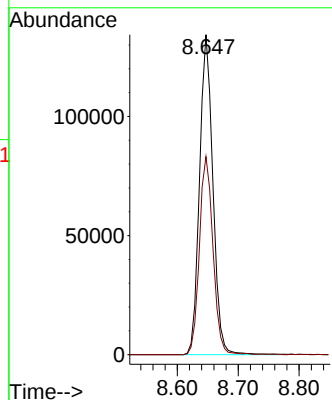
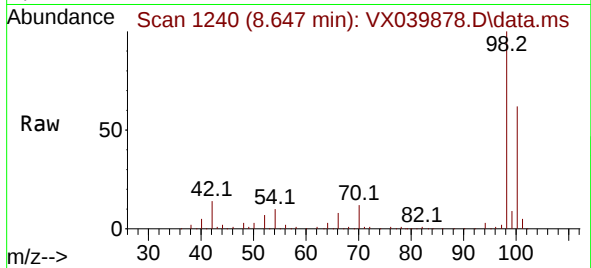




#50
Toluene-d8
Concen: 48.364 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039878.D
Acq: 22 Jan 2024 13:07

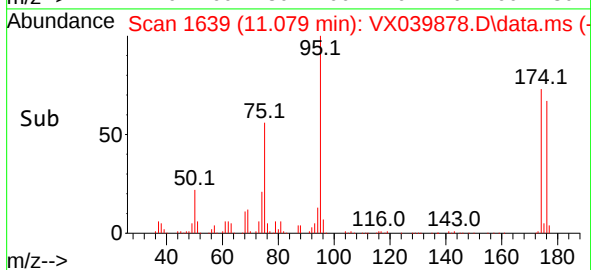
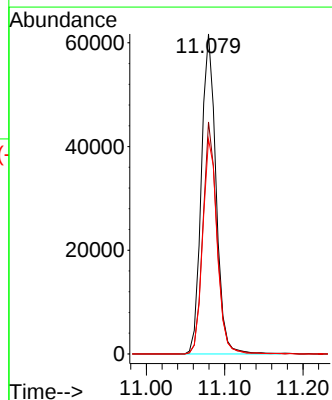
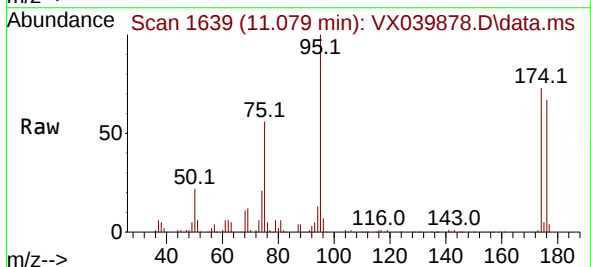
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-10-13

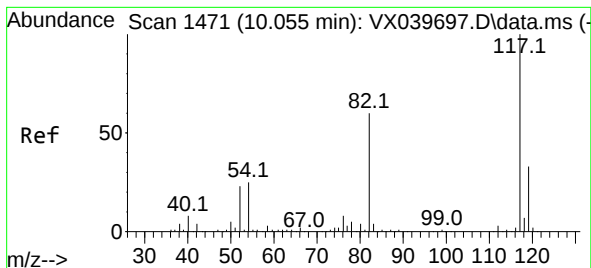
Tgt Ion: 98 Resp: 204622
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#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

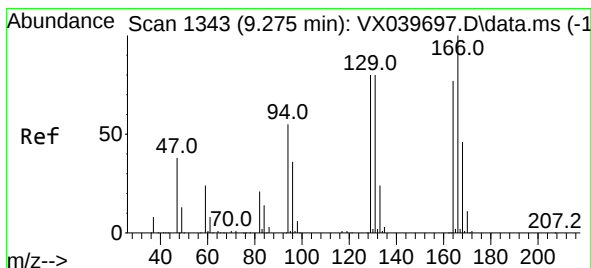
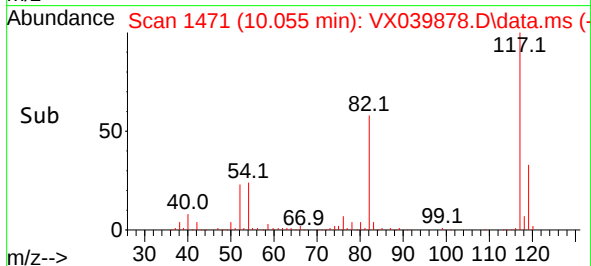
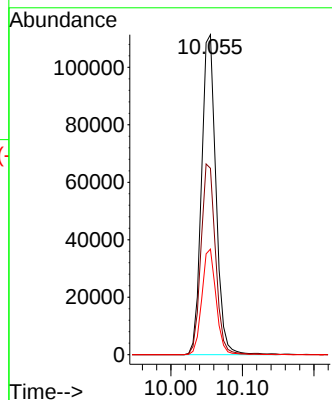
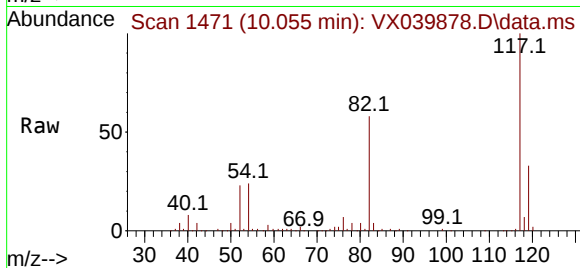
Tgt Ion:117 Resp: 156064

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

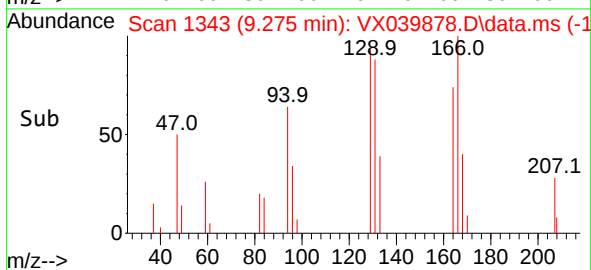
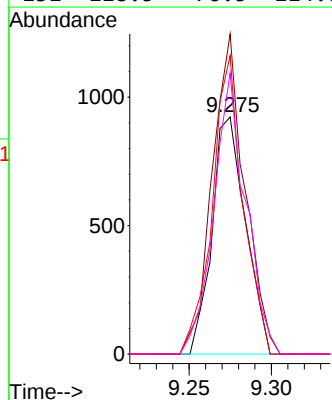
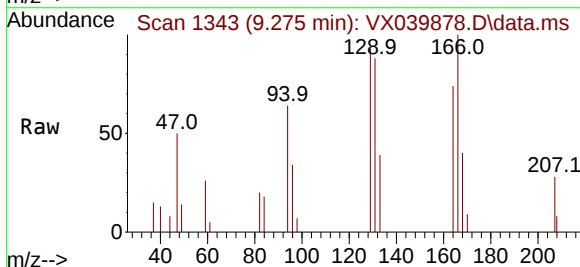
Ion Ratio Lower Upper

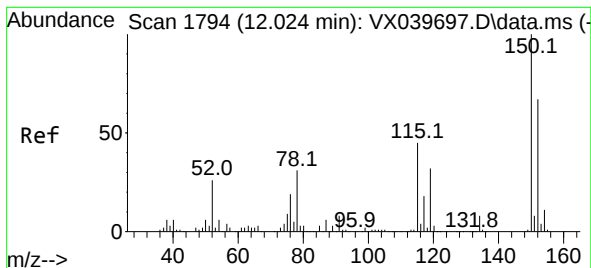
164 100

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

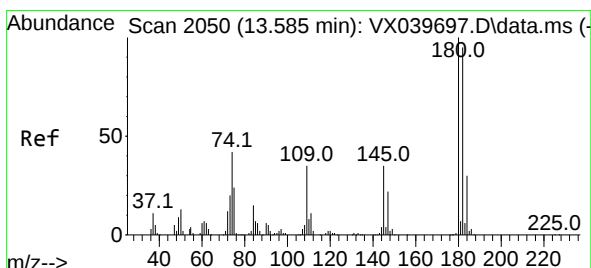
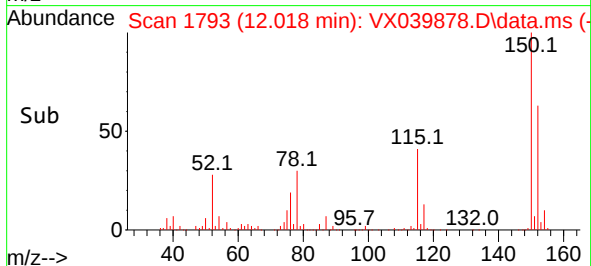
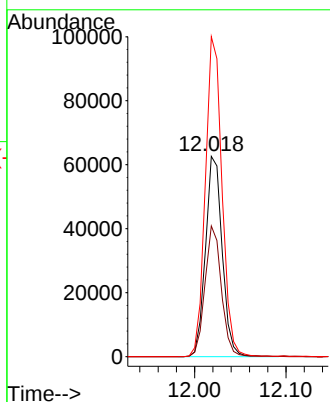
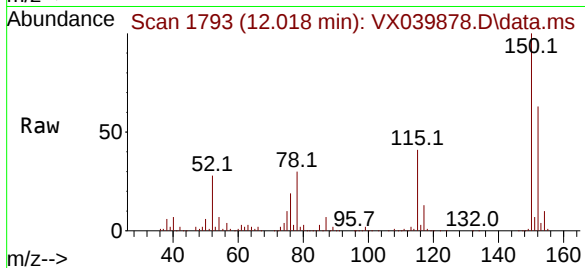
Tgt Ion:152 Resp: 79451

Ion Ratio Lower Upper

152 100

115 64.0 43.3 129.9

150 158.6 0.0 345.0



#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

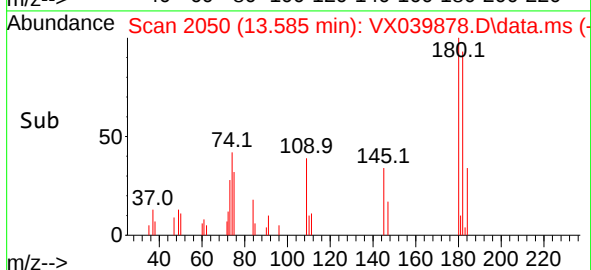
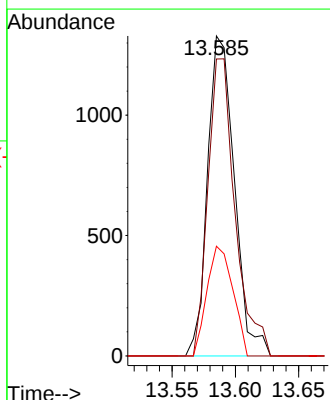
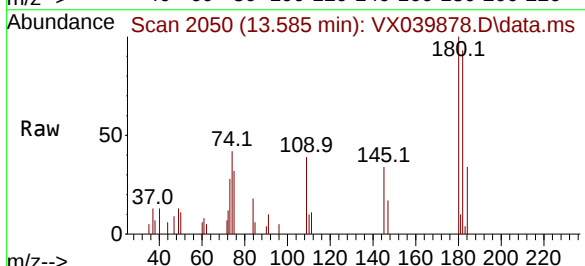
Tgt Ion:180 Resp: 1962

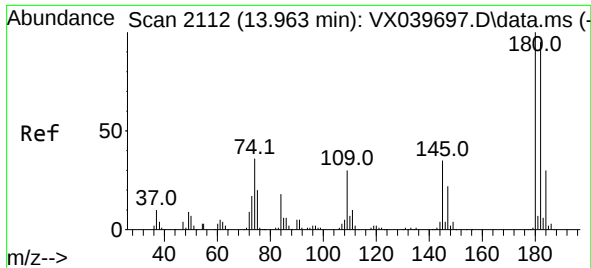
Ion Ratio Lower Upper

180 100

182 93.9 48.3 144.8

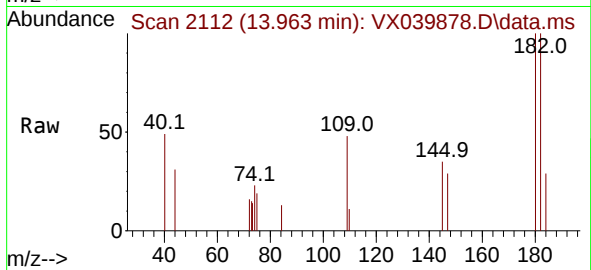
145 33.1 18.0 54.0





#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

