

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039876.D
 Acq On : 22 Jan 2024 12:21
 Operator : JC/MD
 Sample : P1185-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-7-37-40DL

Quant Time: Jan 23 00:15:00 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)

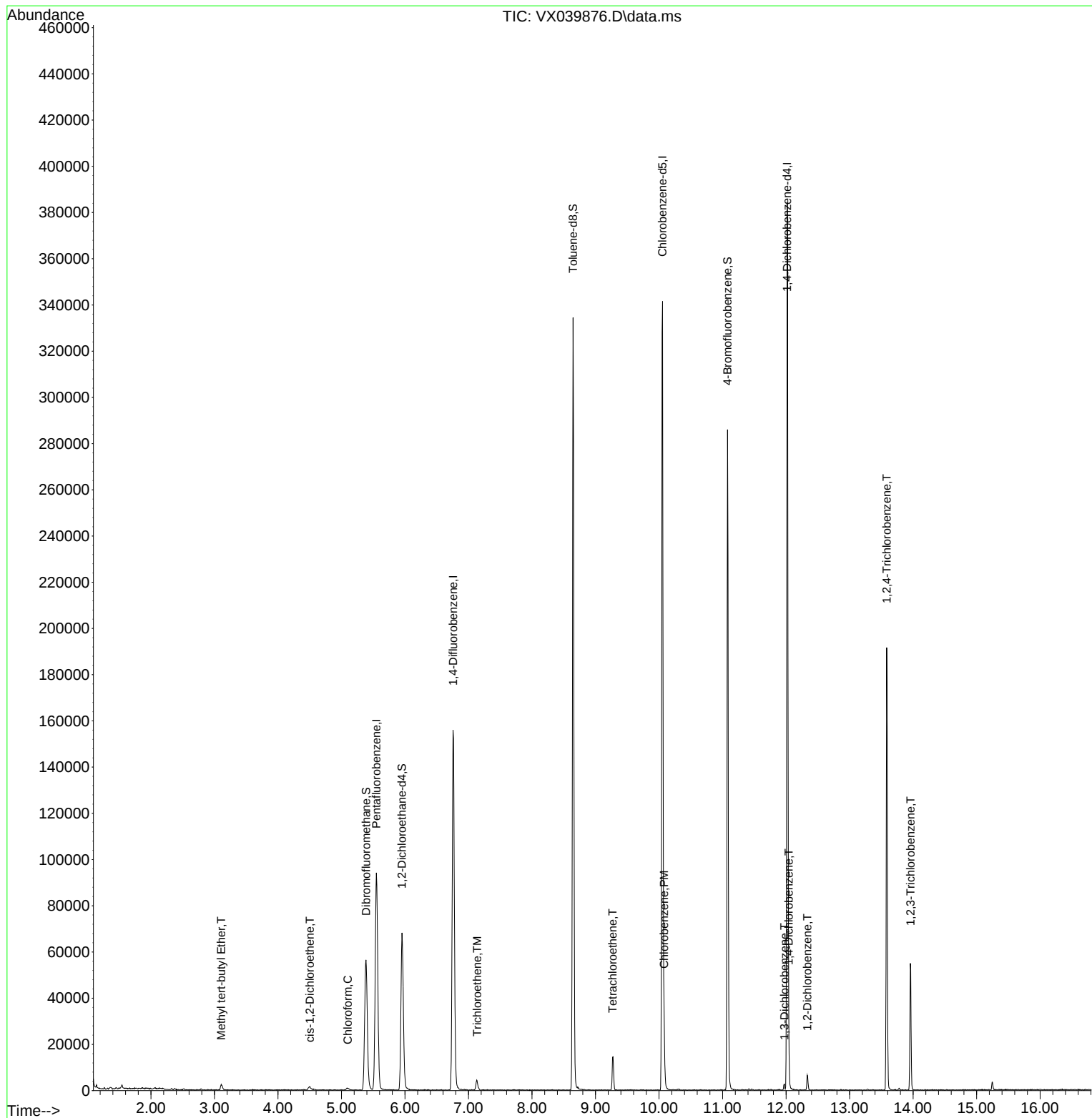
Internal Standards						
1) Pentafluorobenzene	5.549	168	82727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	152104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64810	46.767	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.540%
35) Dibromofluoromethane	5.385	113	49595	48.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	8.646	98	186765	48.336	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.680%
62) 4-Bromofluorobenzene	11.079	95	75441	49.929	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.860%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.105	73	2313	0.654	ug/l #	80
27) cis-1,2-Dichloroethene	4.501	96	1124	0.935	ug/l	72
30) Chloroform	5.098	83	1200	0.591	ug/l	87
44) Trichloroethene	7.134	130	1729	1.562	ug/l	100
64) Tetrachloroethene	9.268	164	2688	2.799	ug/l	96
65) Chlorobenzene	10.079	112	10249	3.332	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	836	0.341	ug/l	77
88) 1,4-Dichlorobenzene	12.042	146	5131	2.028	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	1890	0.780	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	39102	26.416	ug/l	97
96) 1,2,3-Trichlorobenzene	13.962	180	11628	7.783	ug/l	100

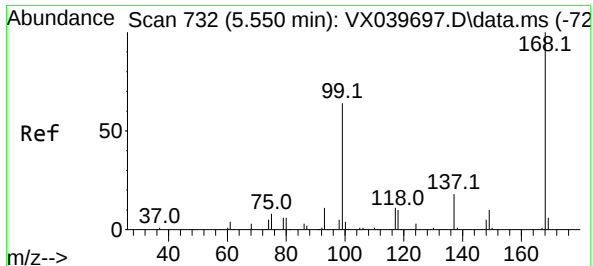
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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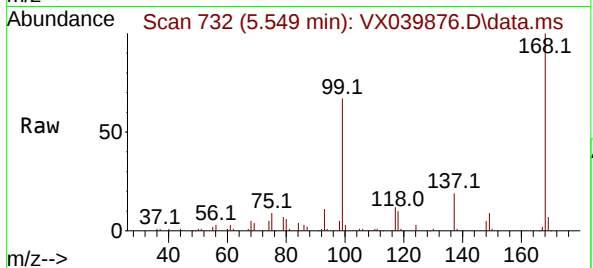
Quant Time: Jan 23 00:15:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
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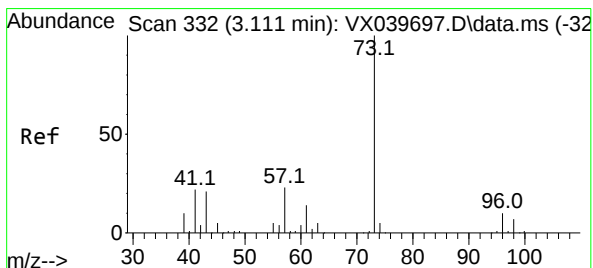
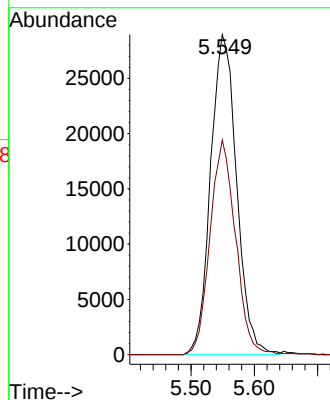
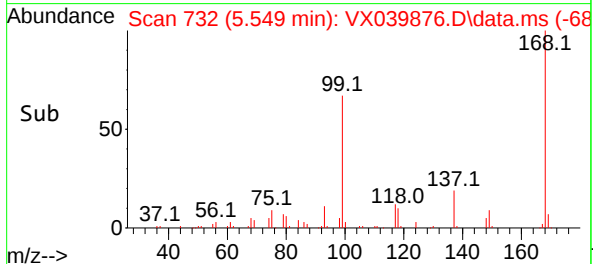


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-37-40DL

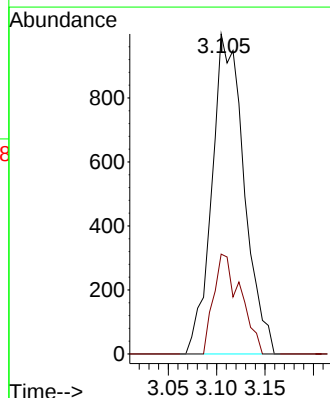
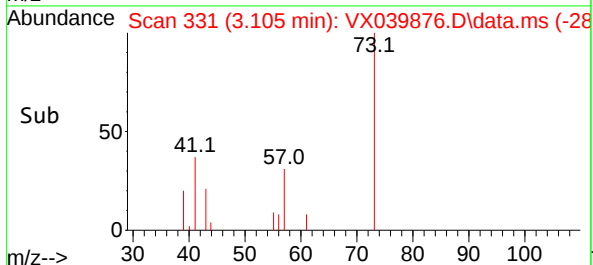
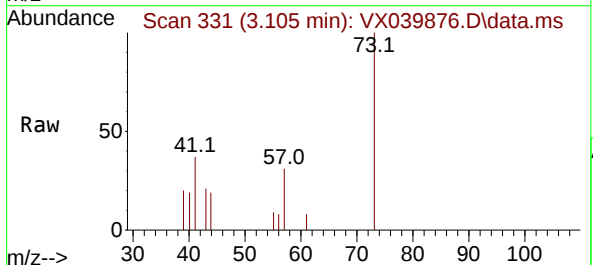


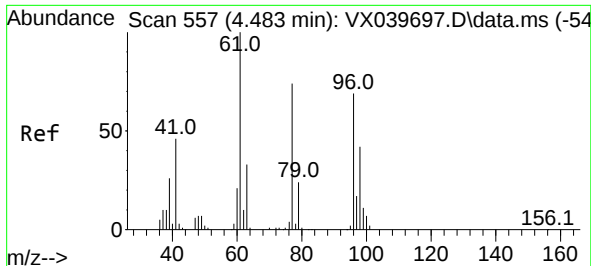
Tgt Ion:168 Resp: 82727
Ion Ratio Lower Upper
168 100
99 67.1 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 0.654 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Tgt Ion: 73 Resp: 2313
Ion Ratio Lower Upper
73 100
57 31.2 17.3 25.9#





#27

cis-1,2-Dichloroethene

Concen: 0.935 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX039876.D

Acq: 22 Jan 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-7-37-40DL

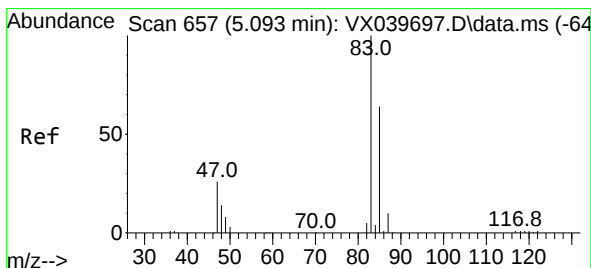
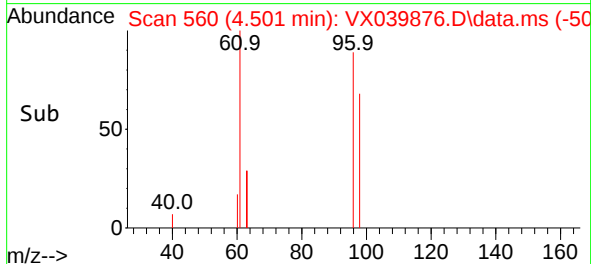
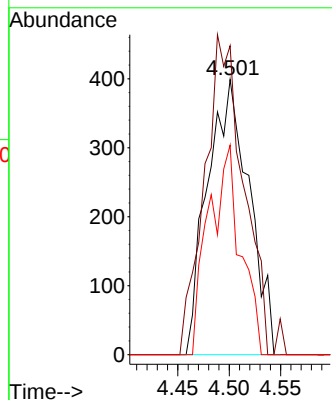
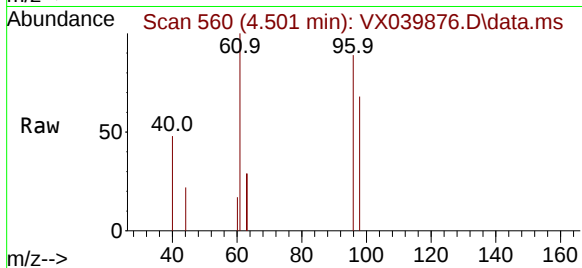
Tgt Ion: 96 Resp: 1124

Ion Ratio Lower Upper

96 100

61 108.4 0.0 312.2

98 58.4 0.0 129.0



#30

Chloroform

Concen: 0.591 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX039876.D

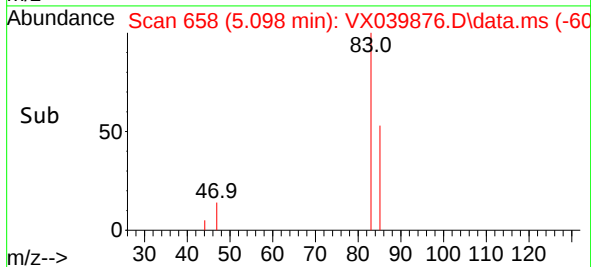
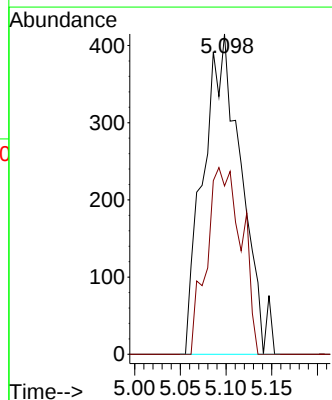
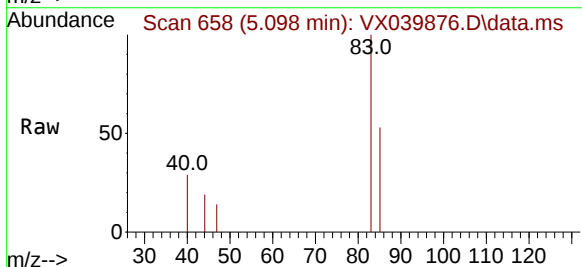
Acq: 22 Jan 2024 12:21

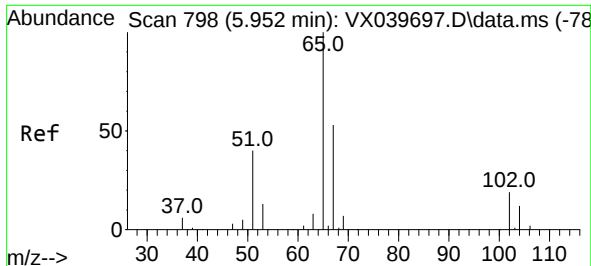
Tgt Ion: 83 Resp: 1200

Ion Ratio Lower Upper

83 100

85 52.5 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 46.767 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039876.D

Acq: 22 Jan 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

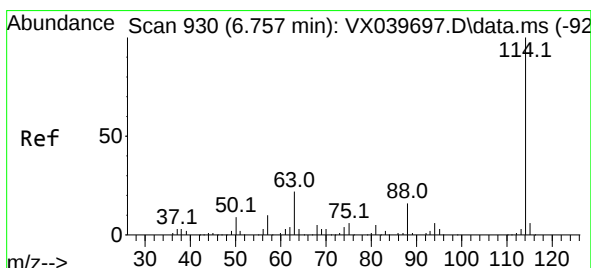
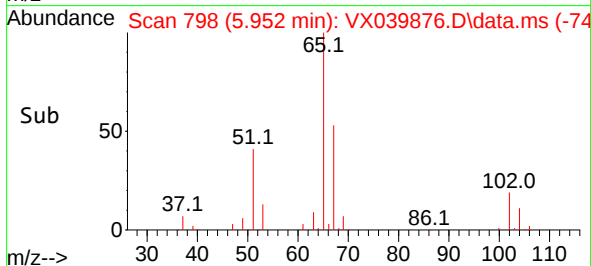
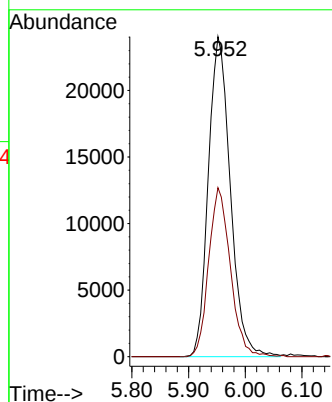
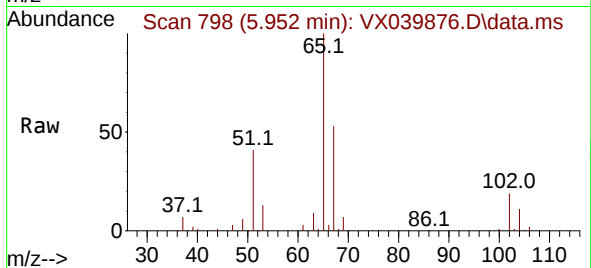
SUMOGW-7-37-40DL

Tgt Ion: 65 Resp: 64810

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX039876.D

Acq: 22 Jan 2024 12:21

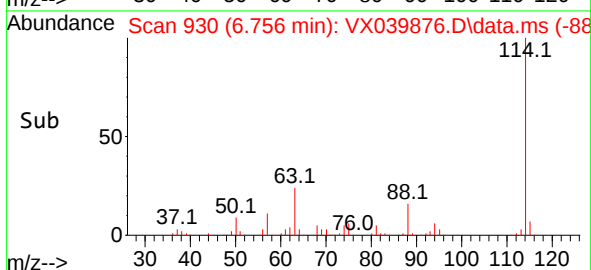
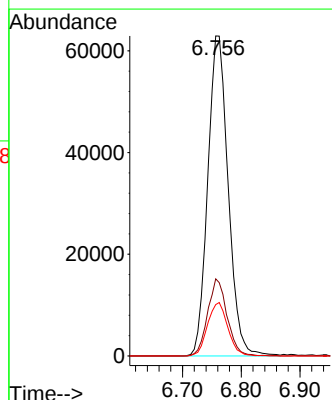
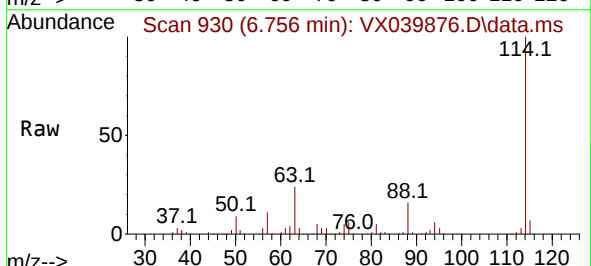
Tgt Ion: 114 Resp: 152104

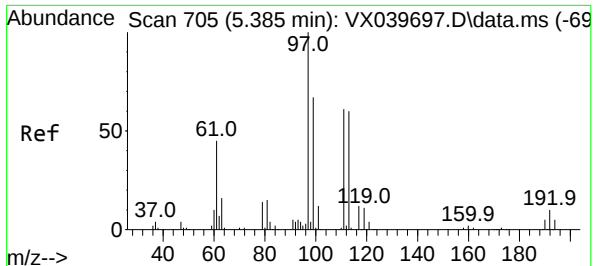
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.410 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX039876.D

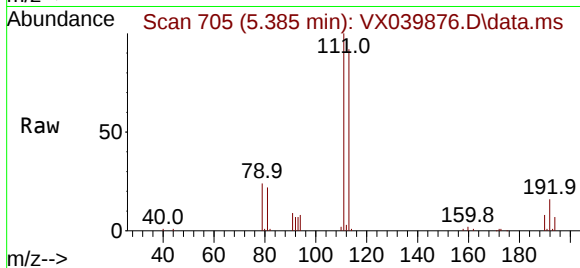
Acq: 22 Jan 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-7-37-40DL



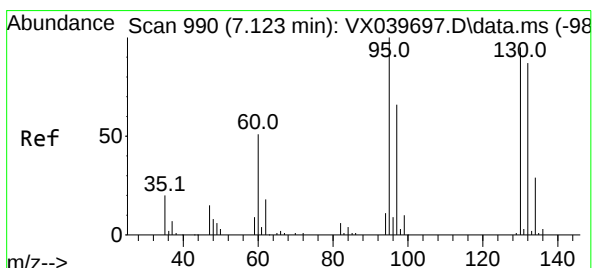
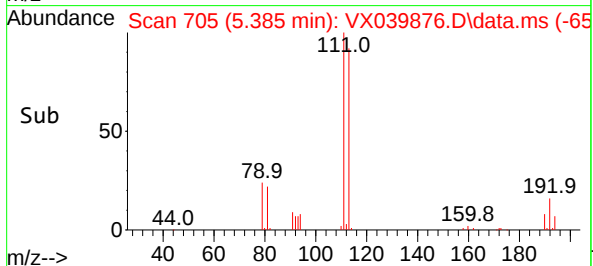
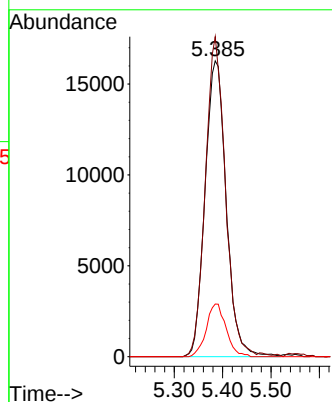
Tgt Ion:113 Resp: 49595

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 16.6 13.3 19.9



#44

Trichloroethene

Concen: 1.562 ug/l

RT: 7.134 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX039876.D

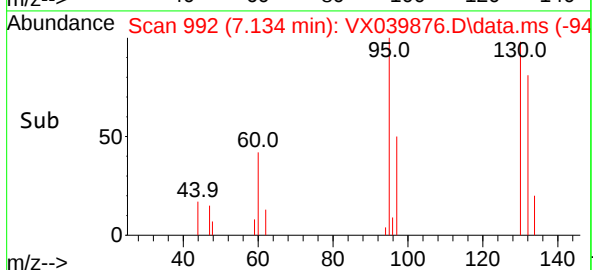
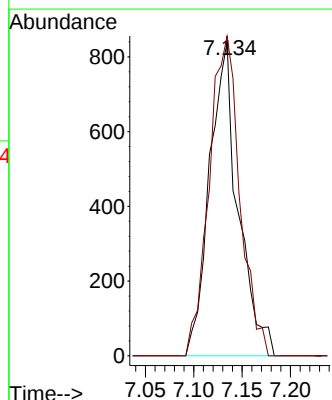
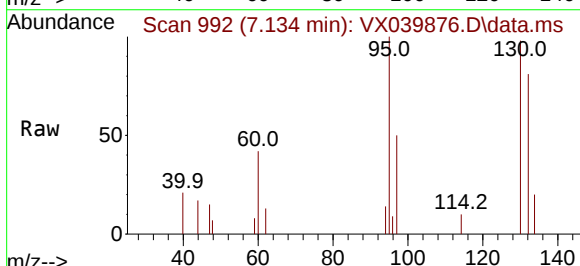
Acq: 22 Jan 2024 12:21

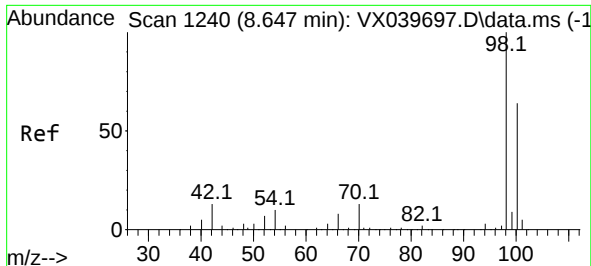
Tgt Ion:130 Resp: 1729

Ion Ratio Lower Upper

130 100

95 101.8 0.0 204.4

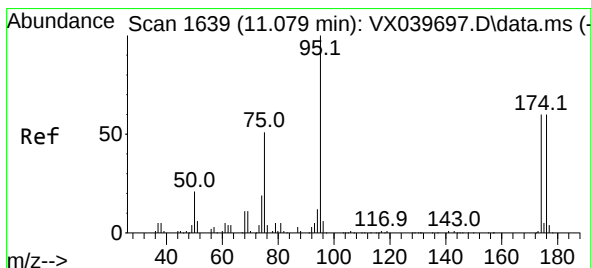
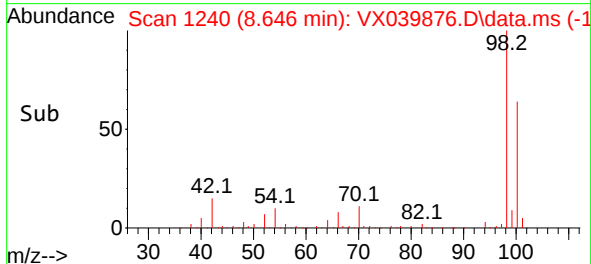
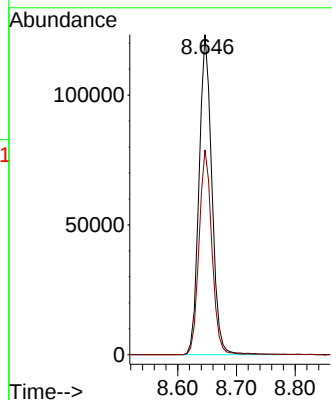
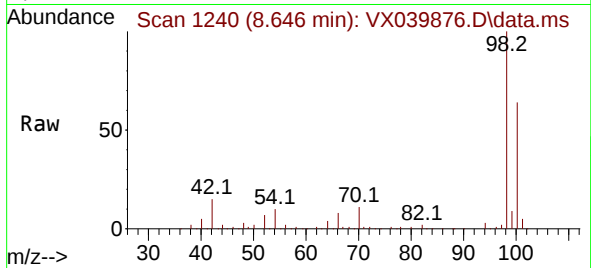




#50
Toluene-d8
Concen: 48.336 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

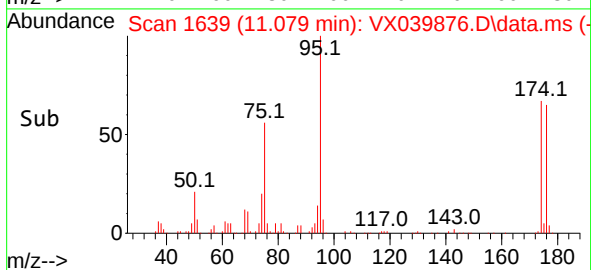
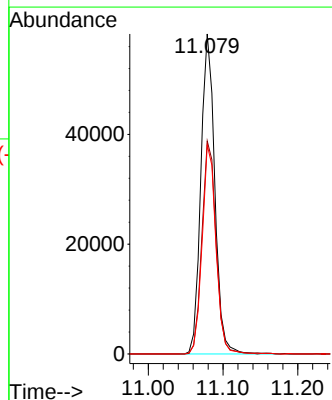
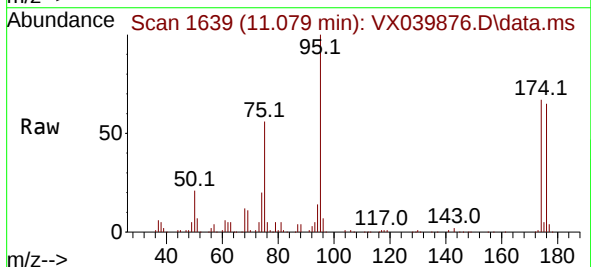
Instrument :
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SUMOGW-7-37-40DL

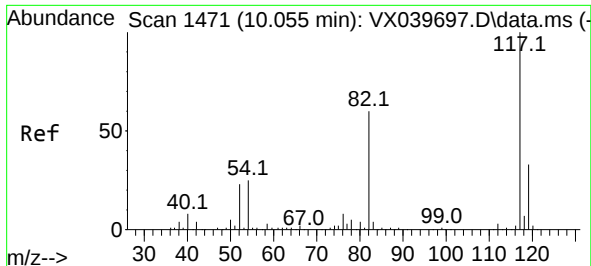
Tgt Ion: 98 Resp: 186765
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Tgt Ion: 95 Resp: 75441
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.6
176 64.6 0.0 131.0

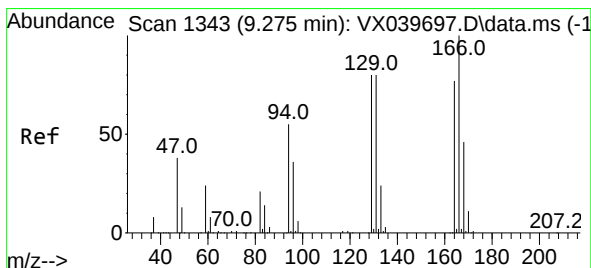
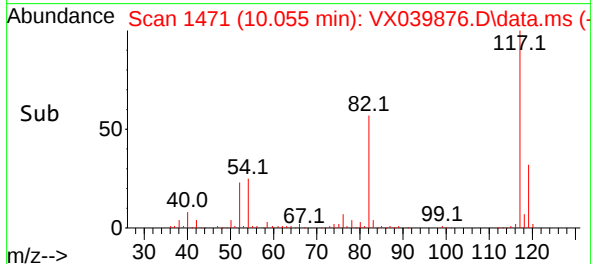
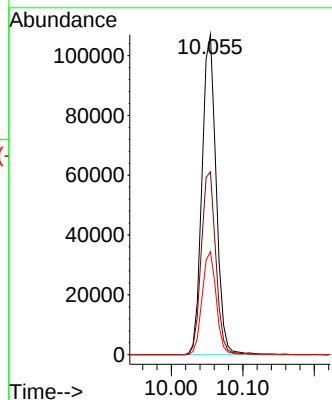
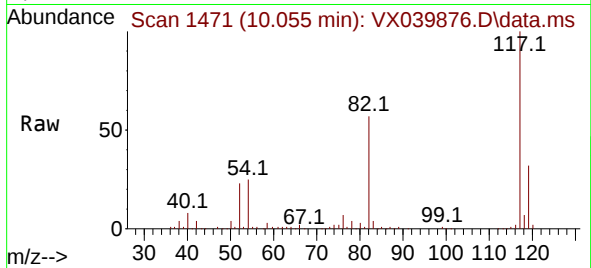




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

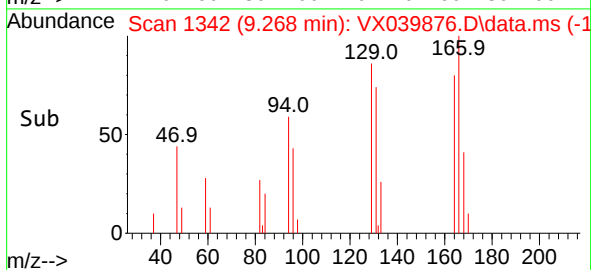
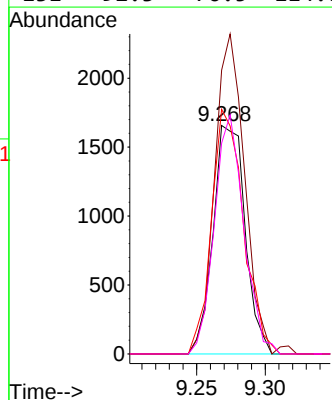
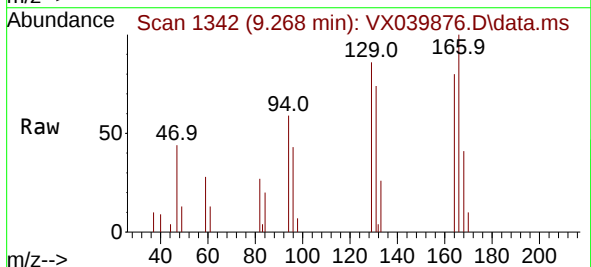
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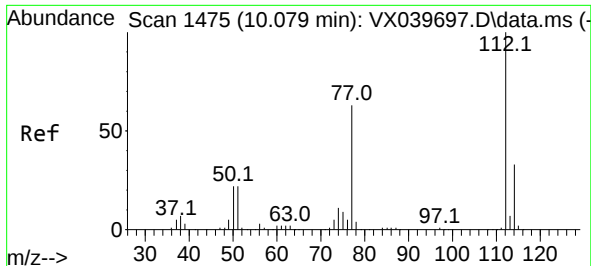
Tgt Ion:117 Resp: 147701
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 2.799 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Tgt Ion:164 Resp: 2688
Ion Ratio Lower Upper
164 100
166 124.3 102.7 154.1
129 107.1 80.4 120.6
131 92.3 76.5 114.7

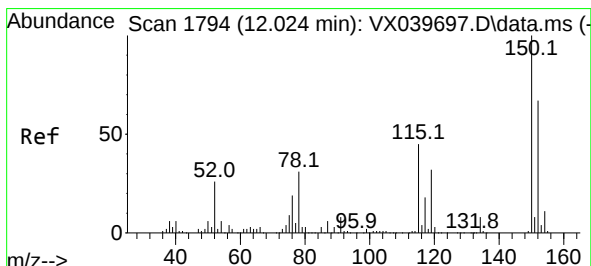
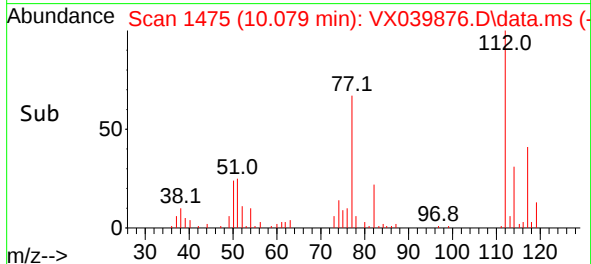
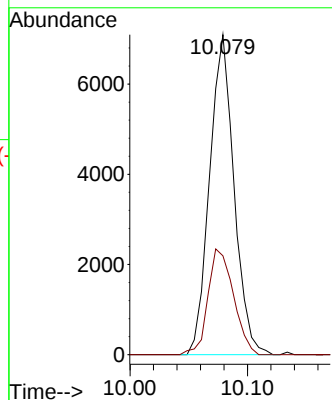
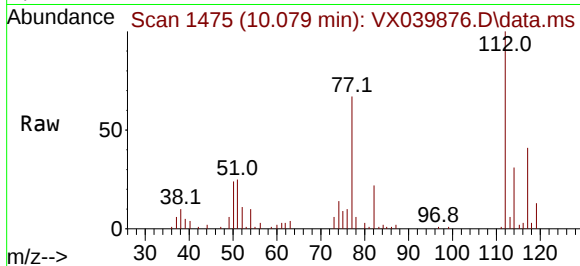




#65
Chlorobenzene
Concen: 3.332 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

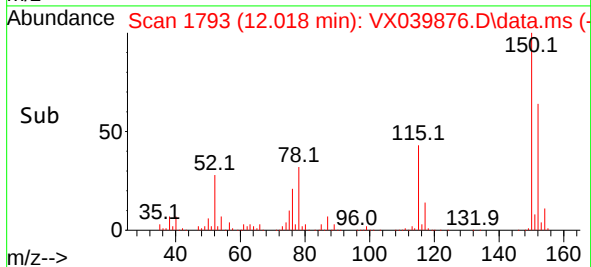
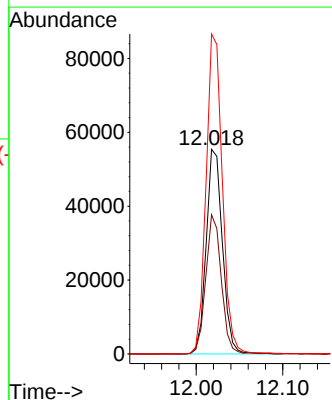
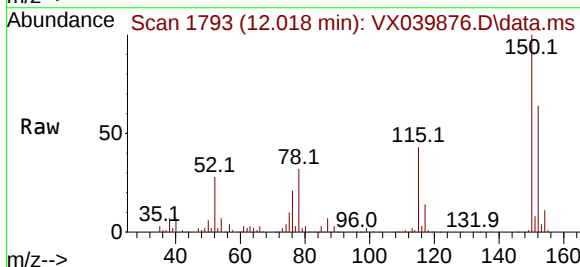
Instrument :
MSVOA_X
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SUMOGW-7-37-40DL

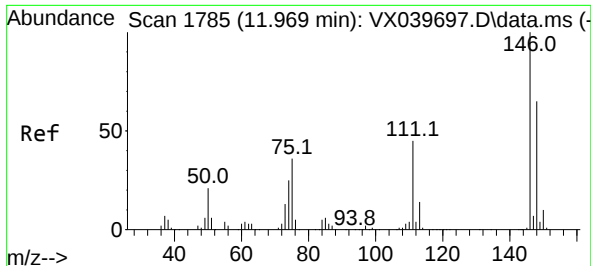
Tgt Ion:112 Resp: 10249
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Tgt Ion:152 Resp: 72103
Ion Ratio Lower Upper
152 100
115 65.3 43.3 129.9
150 156.7 0.0 345.0





#87

1,3-Dichlorobenzene

Concen: 0.341 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX039876.D

Acq: 22 Jan 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-7-37-40DL

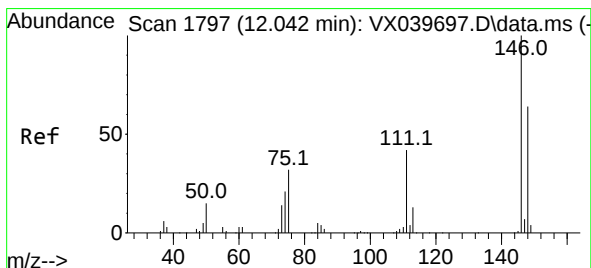
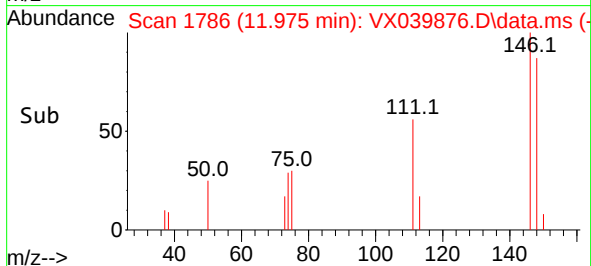
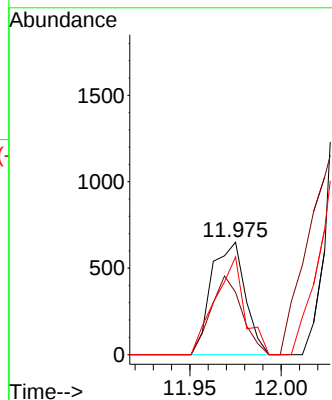
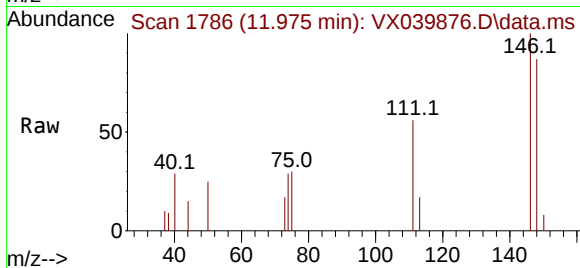
Tgt Ion:146 Resp: 836

Ion Ratio Lower Upper

146 100

111 64.2 22.1 66.1

148 77.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 2.028 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039876.D

Acq: 22 Jan 2024 12:21

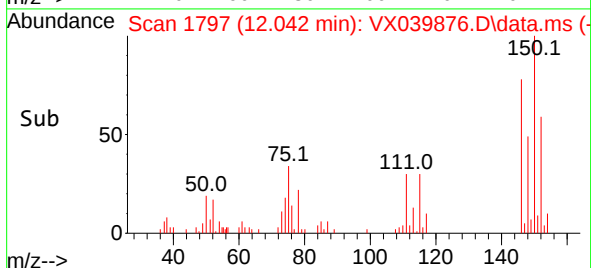
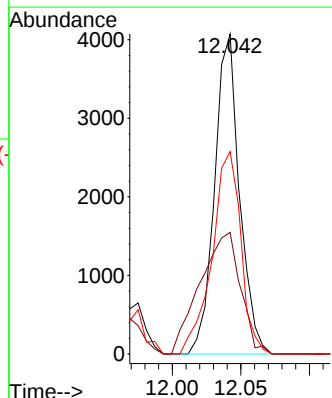
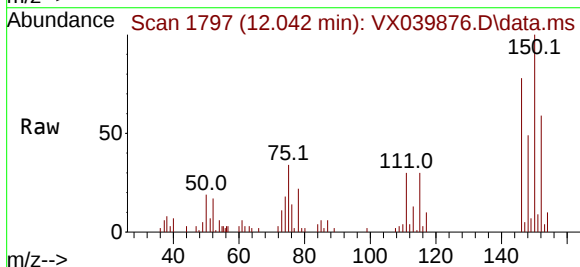
Tgt Ion:146 Resp: 5131

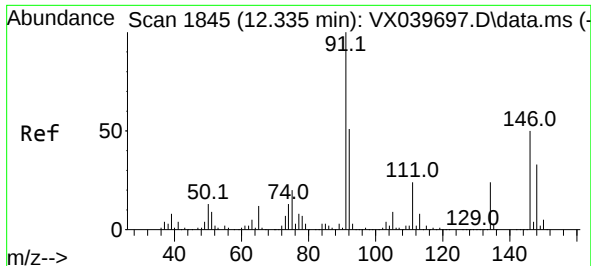
Ion Ratio Lower Upper

146 100

111 61.9 21.3 63.7

148 73.4 31.8 95.4

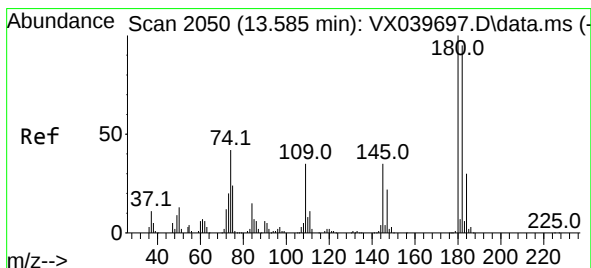
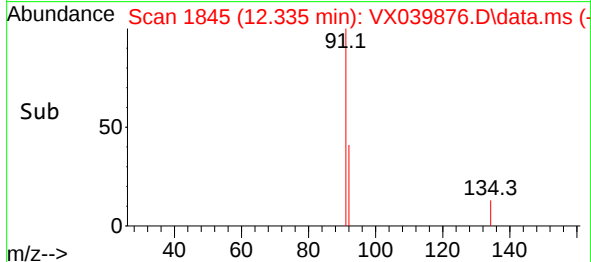
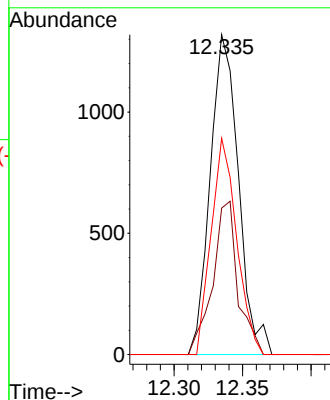
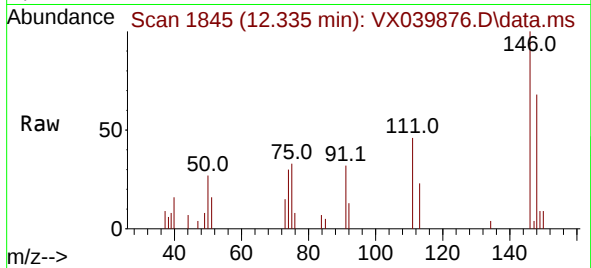




#91
1,2-Dichlorobenzene
Concen: 0.780 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

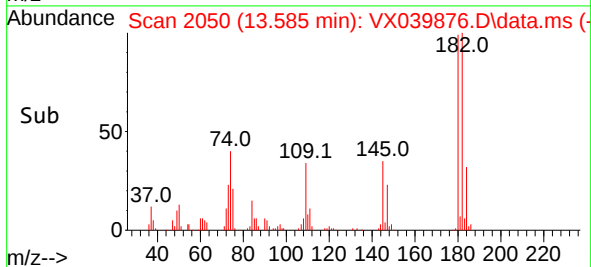
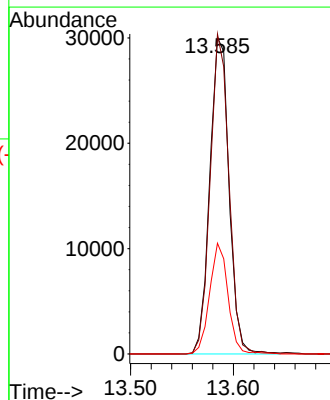
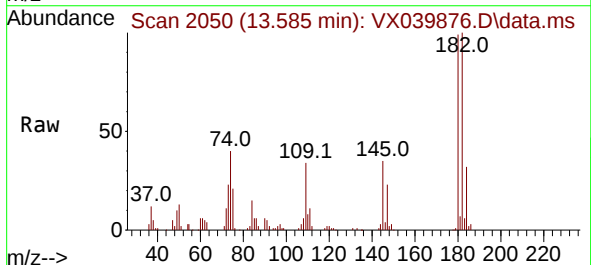
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-37-40DL

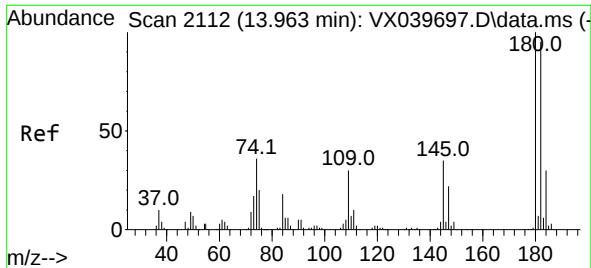
Tgt Ion:146 Resp: 1890
Ion Ratio Lower Upper
146 100
111 42.8 22.4 67.0
148 61.1 31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 26.416 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

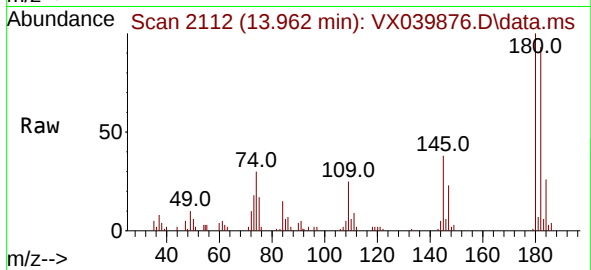
Tgt Ion:180 Resp: 39102
Ion Ratio Lower Upper
180 100
182 98.3 48.3 144.8
145 33.4 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 7.783 ug/l
 RT: 13.962 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX039876.D
 Acq: 22 Jan 2024 12:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-7-37-40DL



Tgt Ion:180	Resp:	11628
Ion	Ratio	Lower Upper
180	100	
182	93.7	46.9 140.6
145	36.4	17.8 53.5

