

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039836.D
 Acq On : 19 Jan 2024 14:06
 Operator : JC/MD
 Sample : P1185-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jan 20 00:25:24 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)

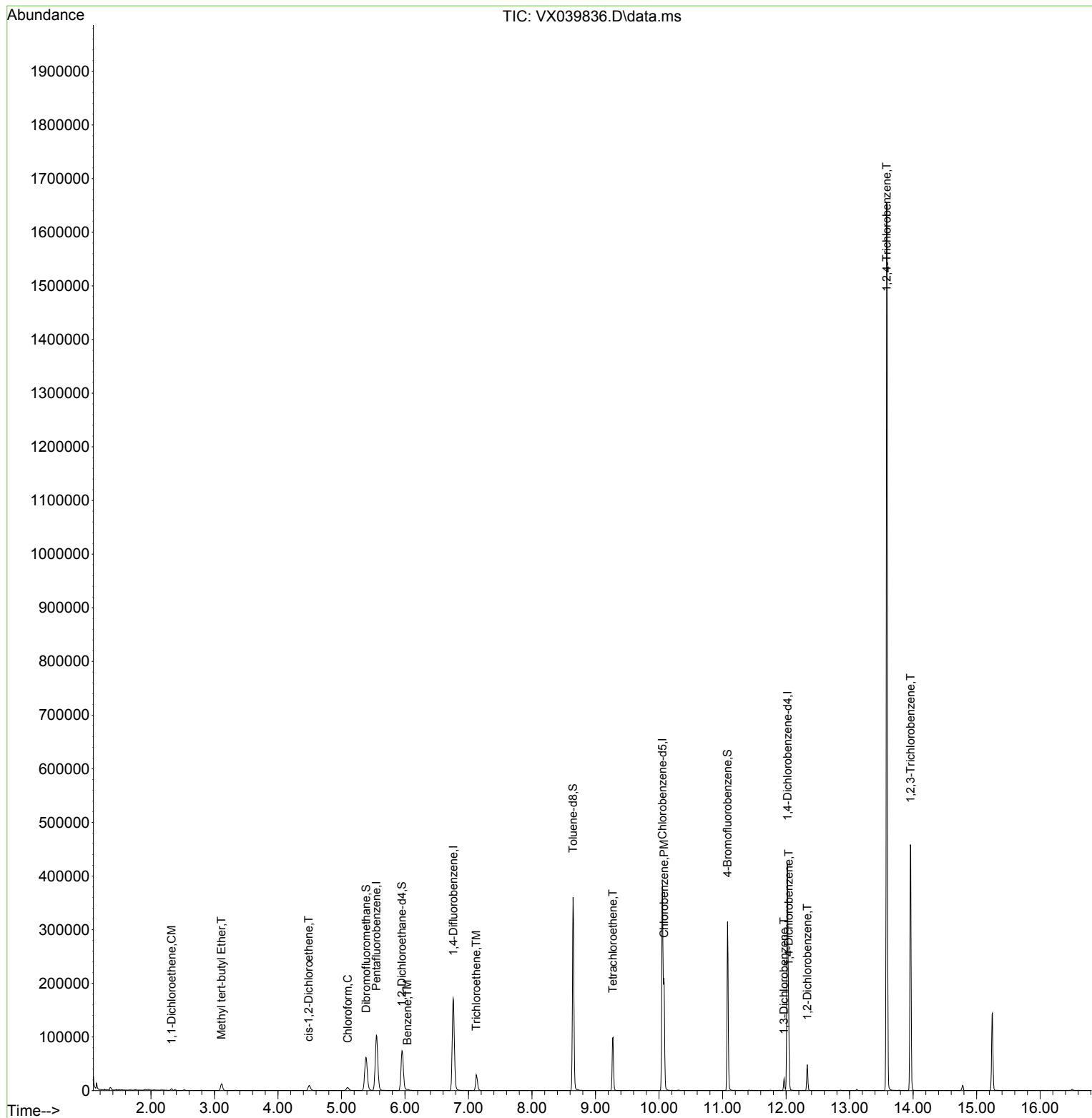
Internal Standards						
1) Pentafluorobenzene	5.549	168	91194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72014	47.141	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.280%
35) Dibromofluoromethane	5.385	113	55483	48.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.900%
50) Toluene-d8	8.646	98	206981	47.922	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.840%
62) 4-Bromofluorobenzene	11.079	95	80598	47.719	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.440%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.324	96	1116	1.017	ug/l #	69
19) Methyl tert-butyl Ether	3.111	73	13532	3.473	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	5725	4.321	ug/l	90
30) Chloroform	5.098	83	6370	2.845	ug/l	86
40) Benzene	6.037	78	1862	0.369	ug/l	92
44) Trichloroethene	7.122	130	9955	8.047	ug/l	85
64) Tetrachloroethene	9.274	164	17046	16.323	ug/l	99
65) Chlorobenzene	10.079	112	83259	24.894	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	6217	2.279	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	39733	14.105	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	14171	5.256	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	346234	210.123	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	100065	60.171	ug/l	99

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

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SUMOGW-7-37-40

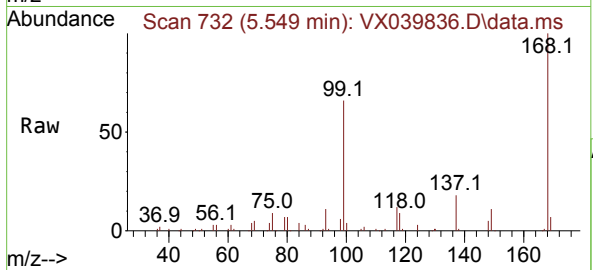
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



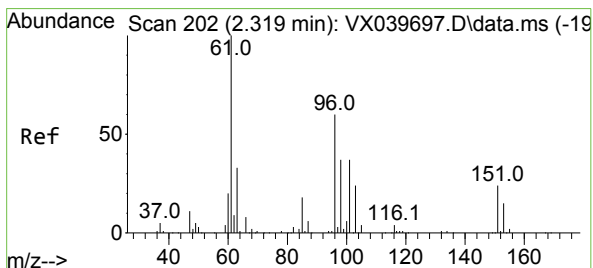
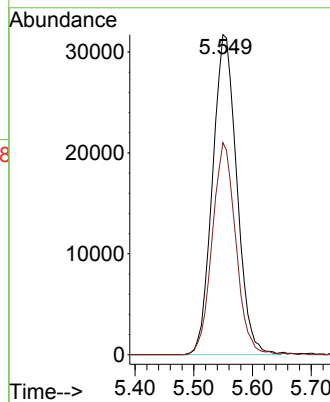
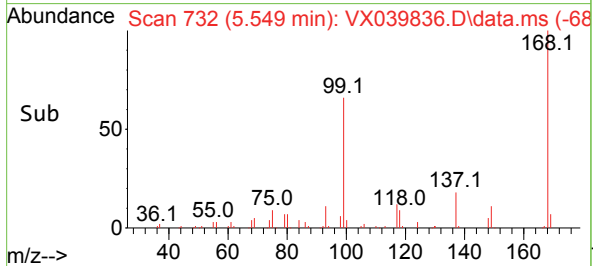


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

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

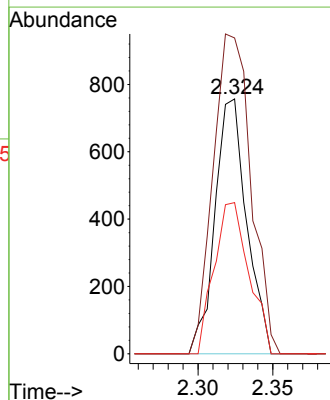
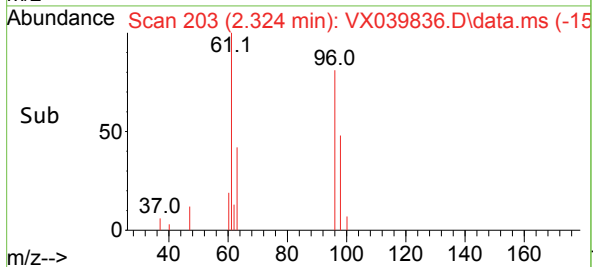
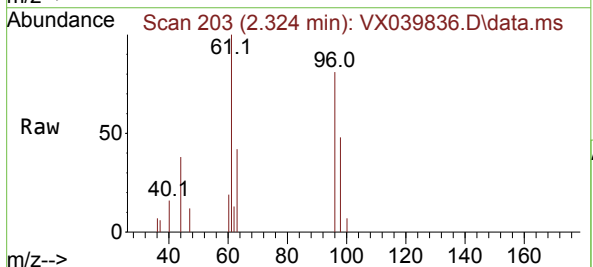


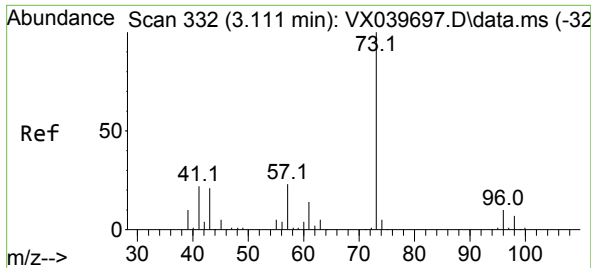
Tgt Ion:168 Resp: 91194
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#12
1,1-Dichloroethene
Concen: 1.017 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

Tgt Ion: 96 Resp: 1116
Ion Ratio Lower Upper
96 100
61 123.9 144.6 216.8#
98 59.3 50.4 75.6

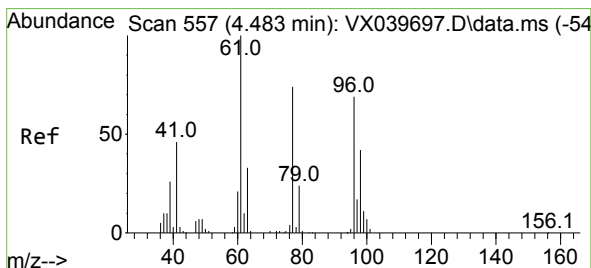
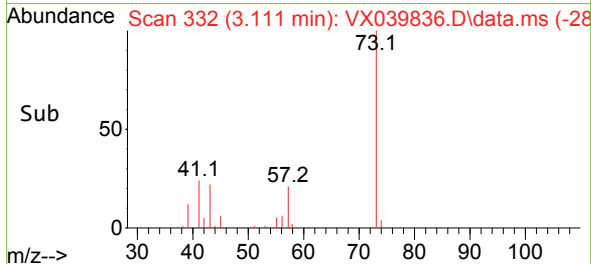
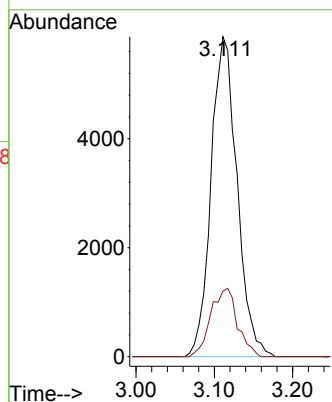
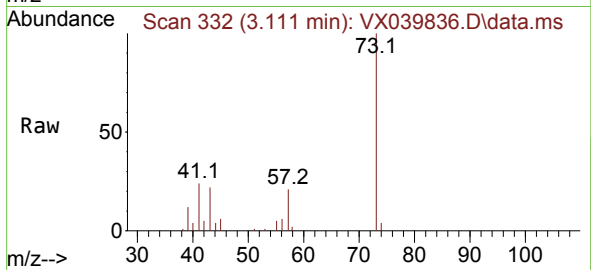




#19
Methyl tert-butyl Ether
Concen: 3.473 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

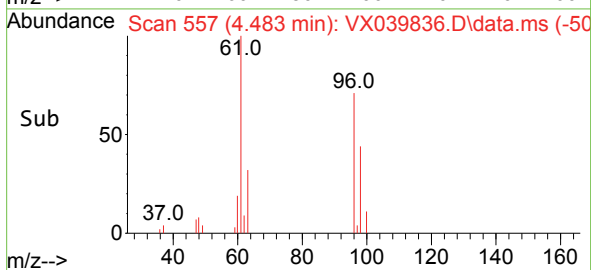
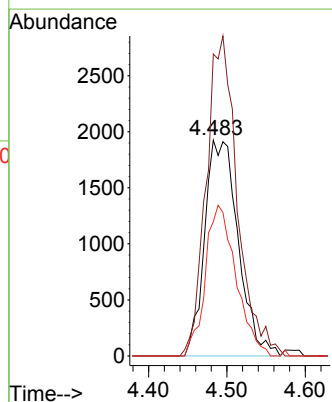
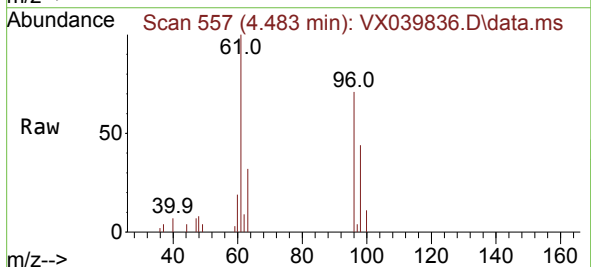
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-37-40

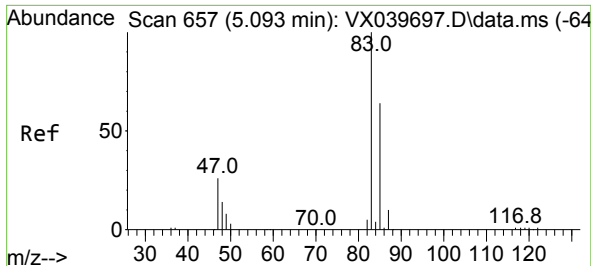
Tgt Ion: 73 Resp: 13532
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#27
cis-1,2-Dichloroethene
Concen: 4.321 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

Tgt Ion: 96 Resp: 5725
Ion Ratio Lower Upper
96 100
61 137.7 0.0 312.2
98 63.8 0.0 129.0

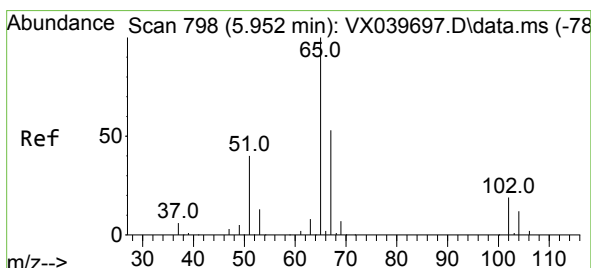
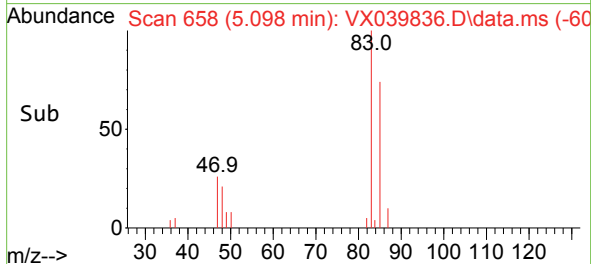
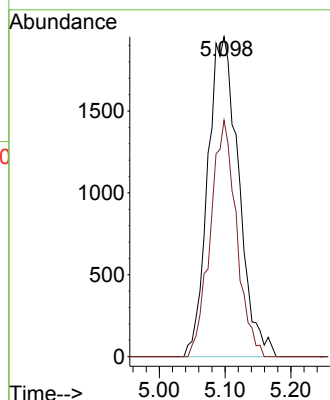
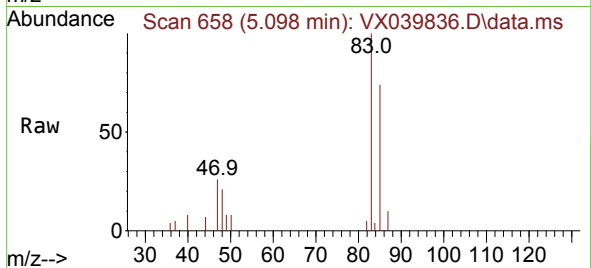




#30
Chloroform
Concen: 2.845 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

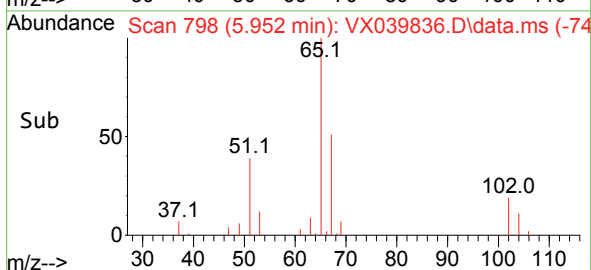
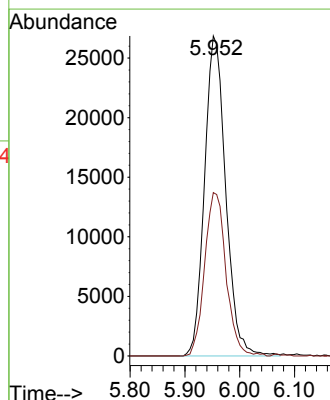
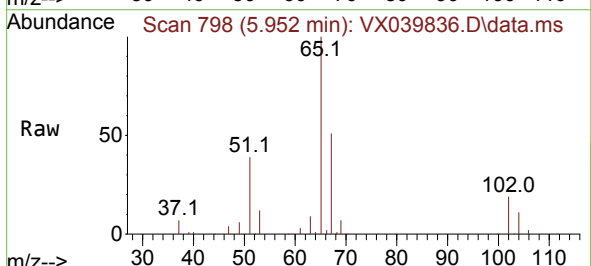
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-37-40

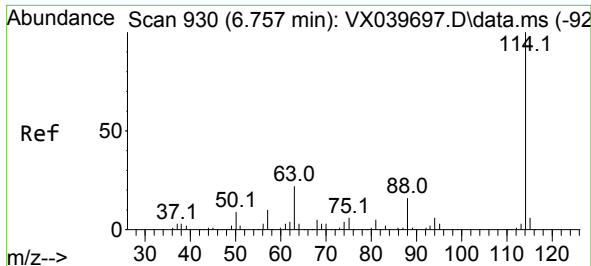
Tgt Ion: 83 Resp: 6370
Ion Ratio Lower Upper
83 100
85 73.8 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 47.141 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

Tgt Ion: 65 Resp: 72014
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

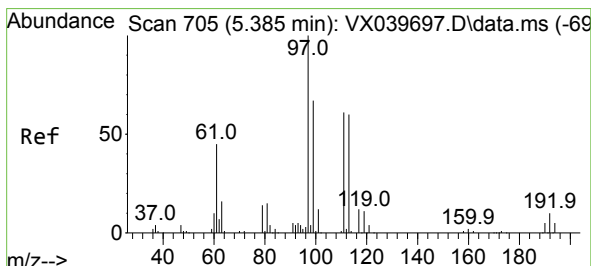
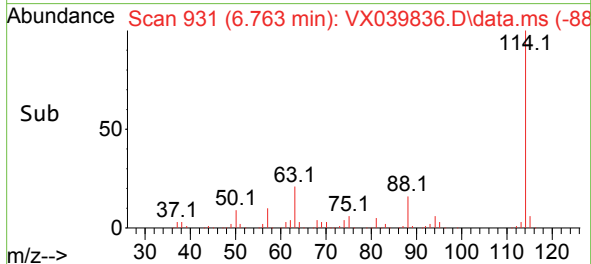
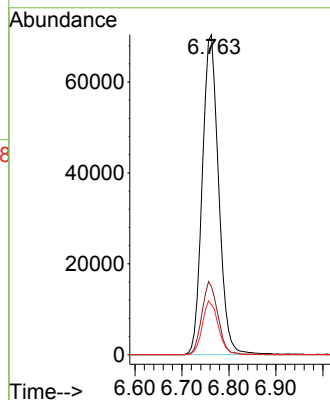
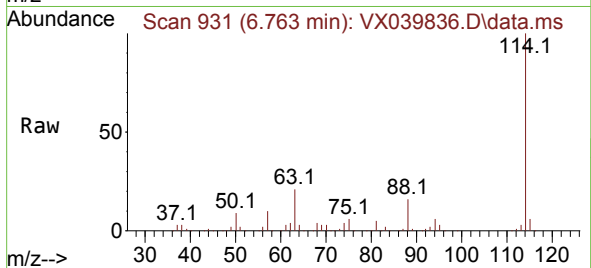




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

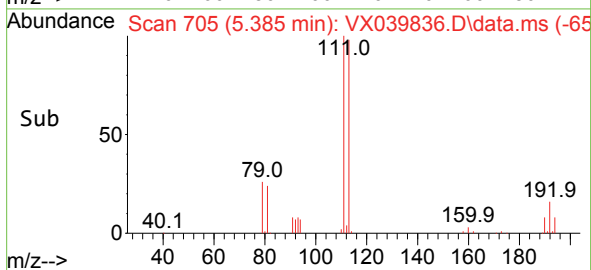
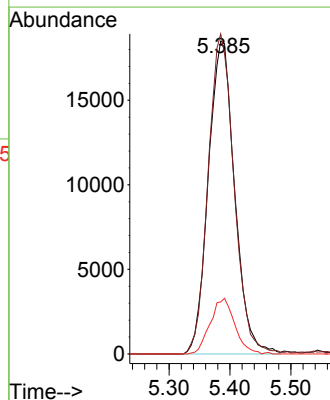
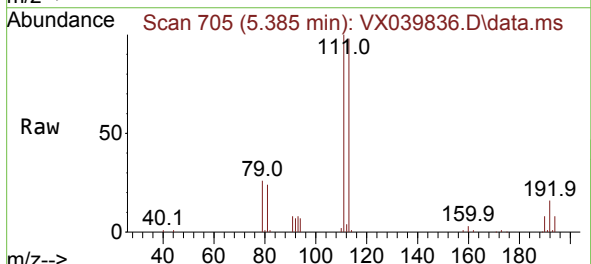
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-37-40

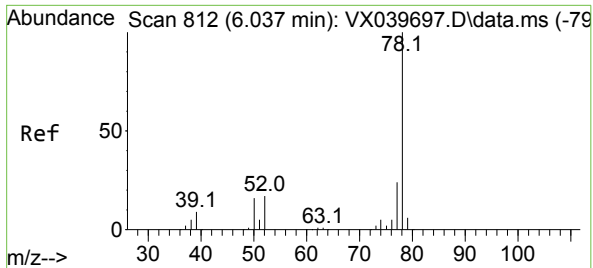
Tgt Ion:114 Resp: 170025
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.449 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

Tgt Ion:113 Resp: 55483
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 16.6 13.3 19.9





#40

Benzene

Concen: 0.369 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX039836.D

Acq: 19 Jan 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

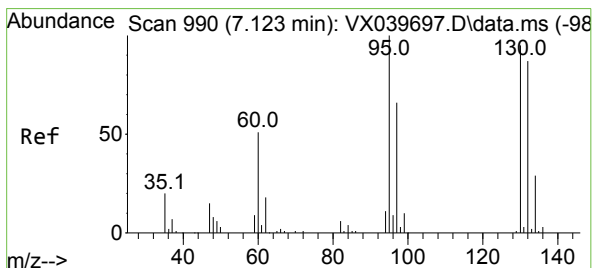
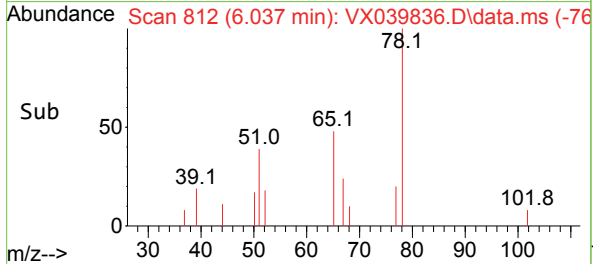
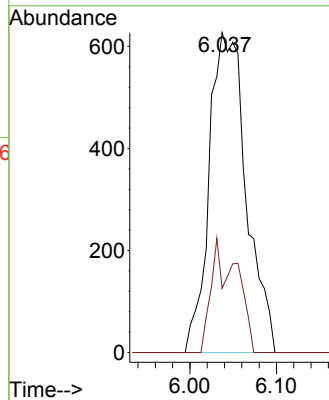
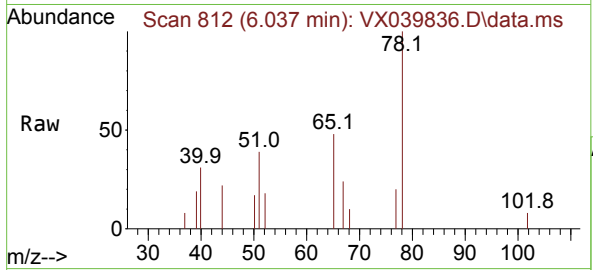
SUMOGW-7-37-40

Tgt Ion: 78 Resp: 1862

Ion Ratio Lower Upper

78 100

77 20.1 19.3 28.9



#44

Trichloroethene

Concen: 8.047 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX039836.D

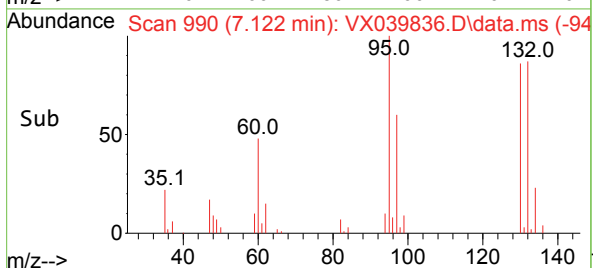
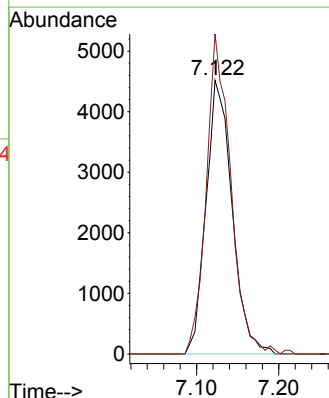
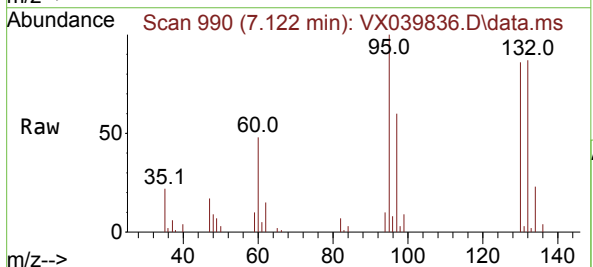
Acq: 19 Jan 2024 14:06

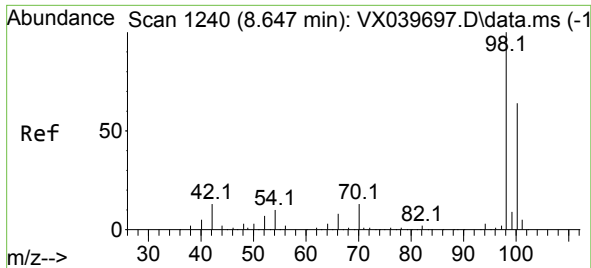
Tgt Ion:130 Resp: 9955

Ion Ratio Lower Upper

130 100

95 116.9 0.0 204.4

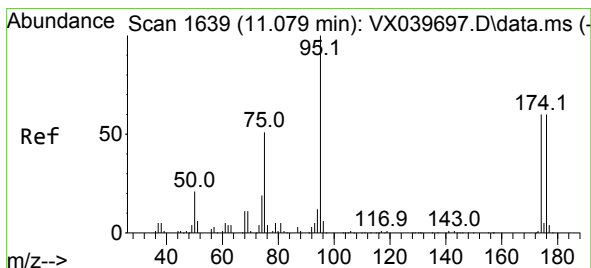
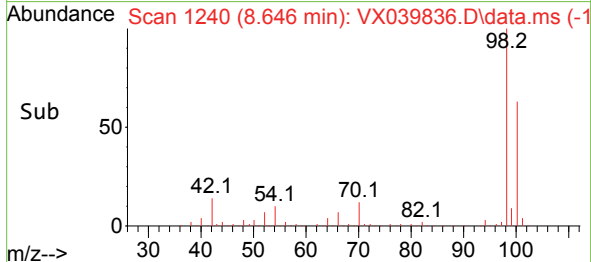
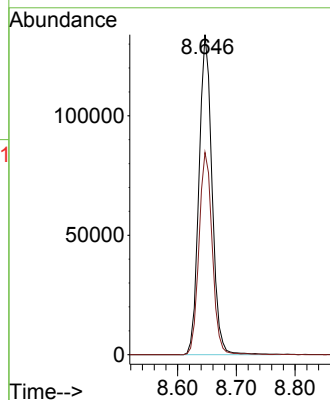
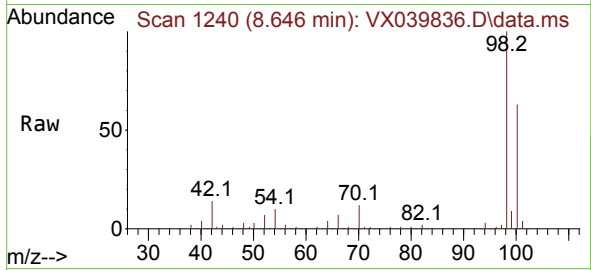




#50
Toluene-d8
Concen: 47.922 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

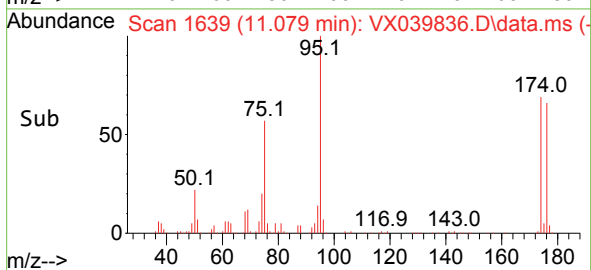
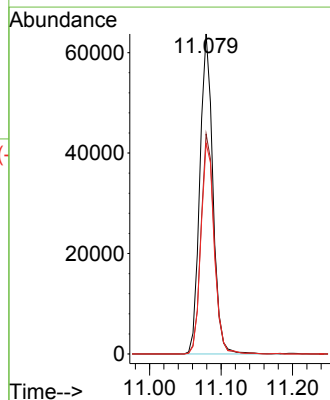
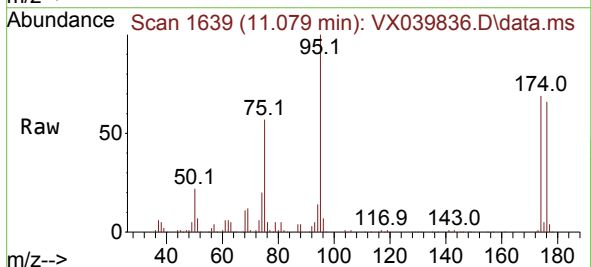
Instrument :
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SUMOGW-7-37-40

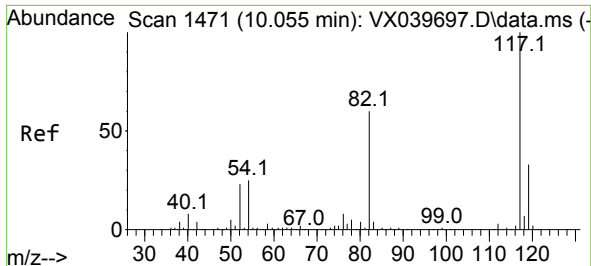
Tgt Ion: 98 Resp: 206981
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.719 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

Tgt Ion: 95 Resp: 80598
Ion Ratio Lower Upper
95 100
174 69.5 0.0 135.6
176 67.4 0.0 131.0

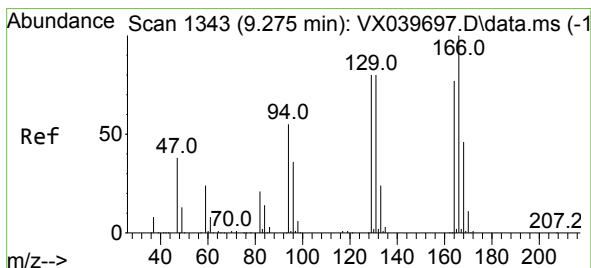
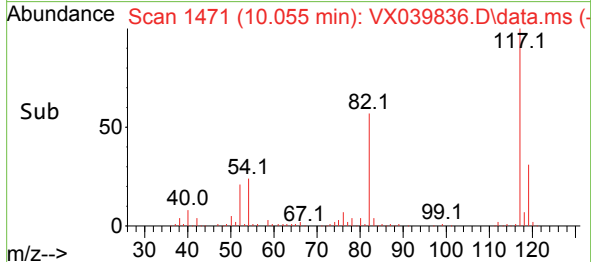
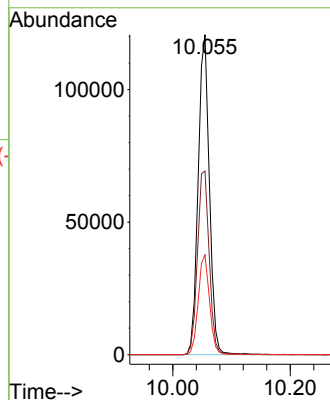
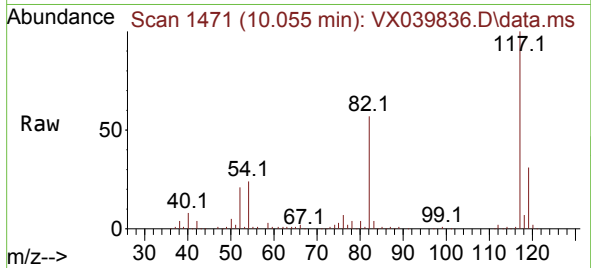




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

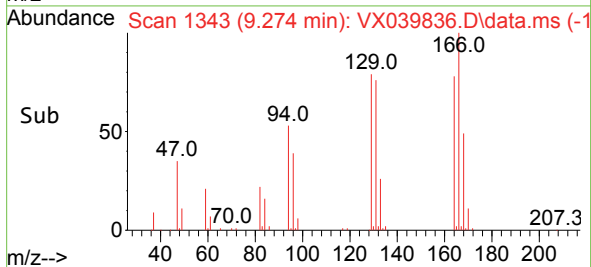
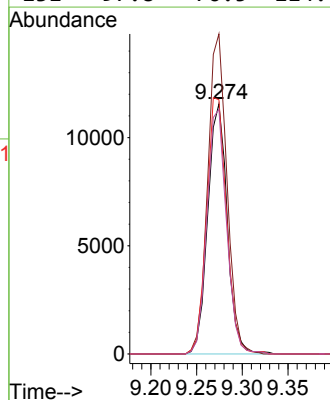
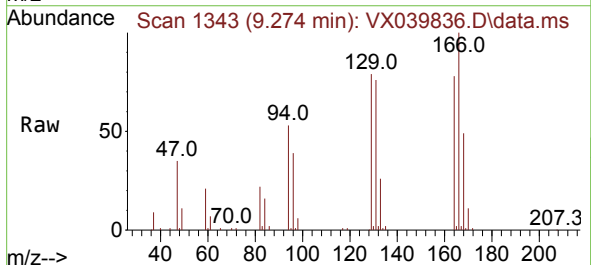
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-37-40

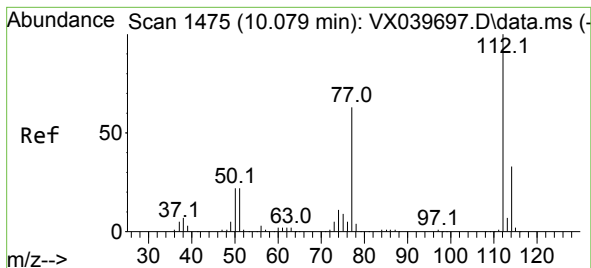
Tgt Ion:117 Resp: 160584
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 31.2 25.5 38.3



#64
Tetrachloroethene
Concen: 16.323 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

Tgt Ion:164 Resp: 17046
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 101.7 80.4 120.6
131 97.8 76.5 114.7





#65

Chlorobenzene

Concen: 24.894 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX039836.D

Acq: 19 Jan 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

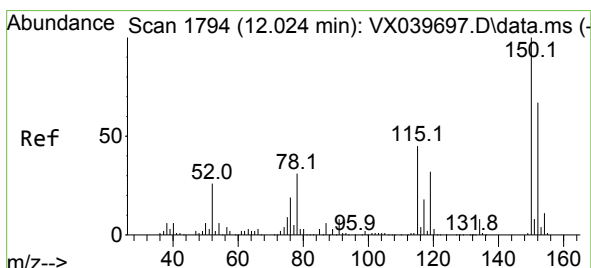
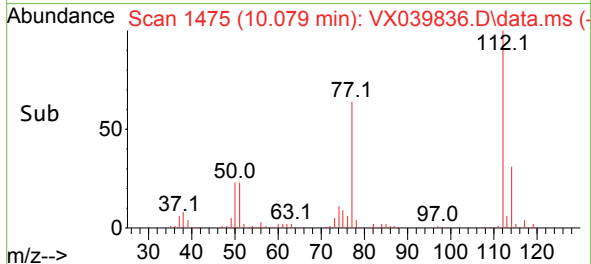
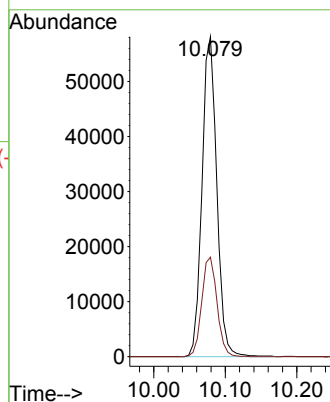
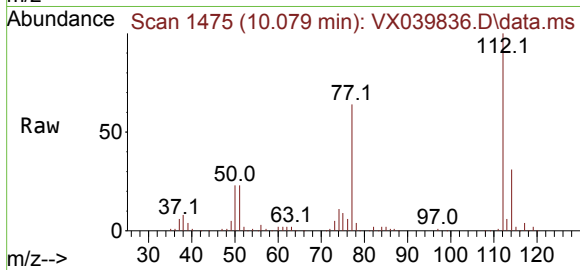
SUMOGW-7-37-40

Tgt Ion:112 Resp: 83259

Ion Ratio Lower Upper

112 100

114 31.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX039836.D

Acq: 19 Jan 2024 14:06

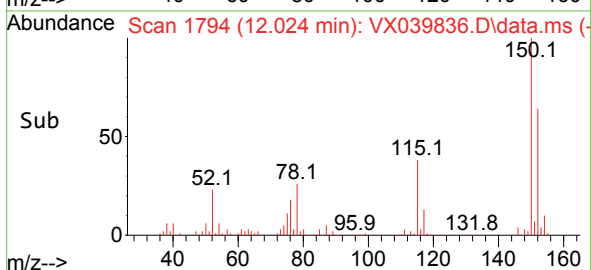
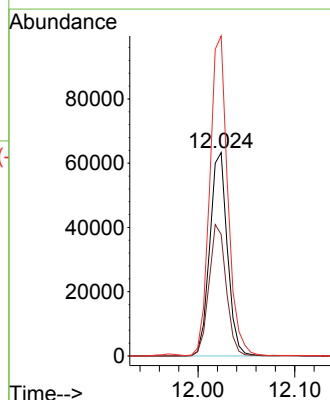
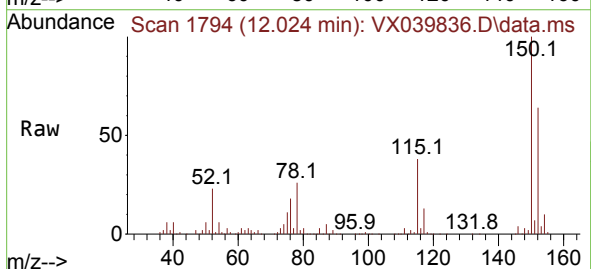
Tgt Ion:152 Resp: 80263

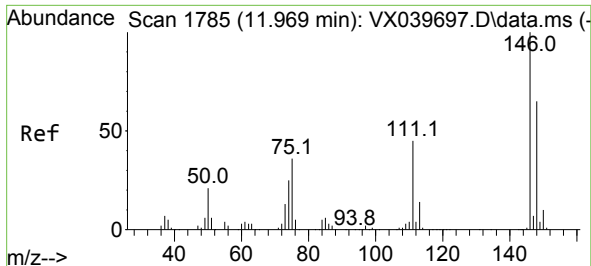
Ion Ratio Lower Upper

152 100

115 63.4 43.3 129.9

150 161.3 0.0 345.0

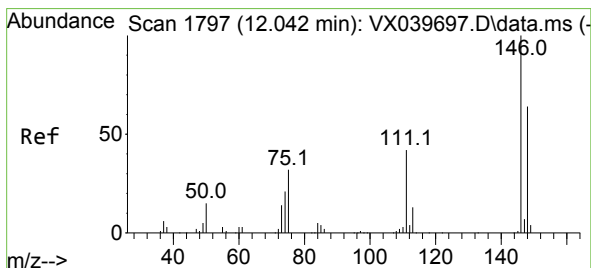
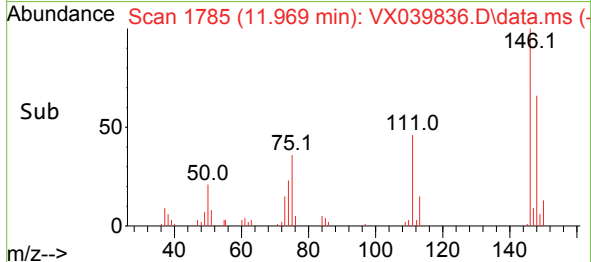
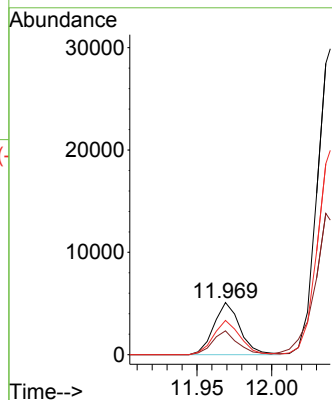
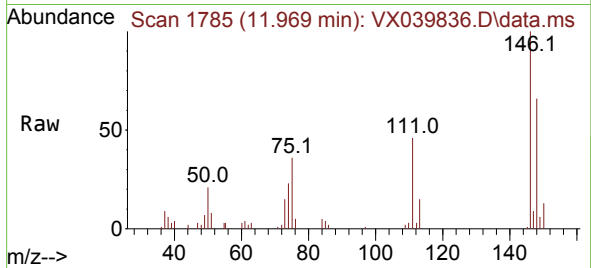




#87
1,3-Dichlorobenzene
Concen: 2.279 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

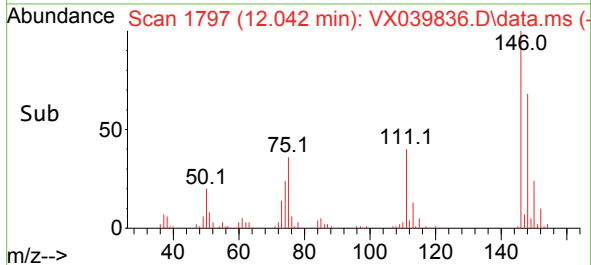
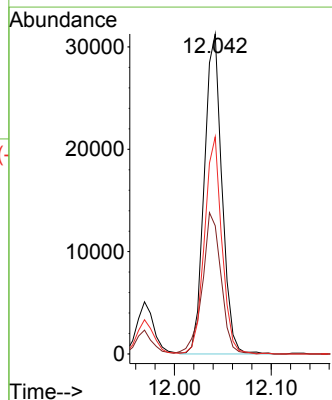
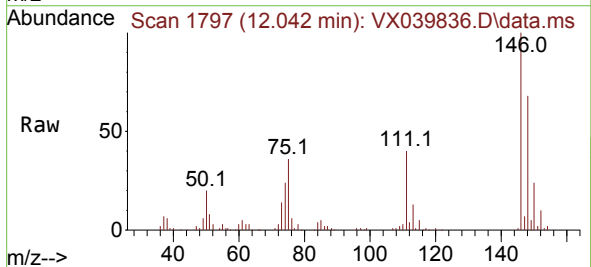
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-7-37-40

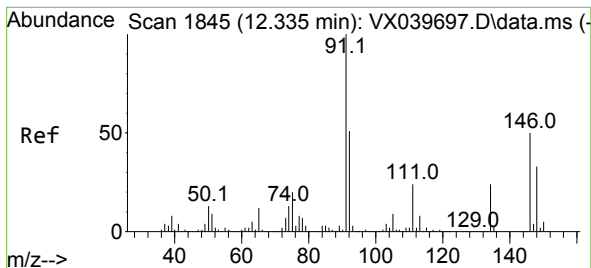
Tgt Ion:146 Resp: 6217
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.1
148 66.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 14.105 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039836.D
Acq: 19 Jan 2024 14:06

Tgt Ion:146 Resp: 39733
Ion Ratio Lower Upper
146 100
111 46.7 21.3 63.7
148 66.8 31.8 95.4





#91

1,2-Dichlorobenzene

Concen: 5.256 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039836.D

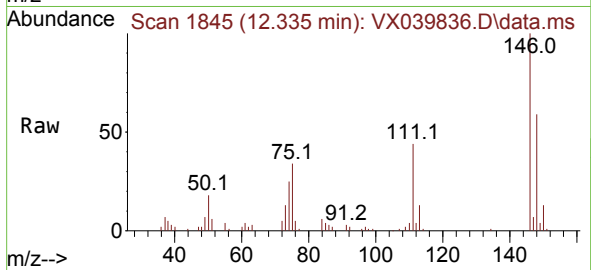
Acq: 19 Jan 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-7-37-40



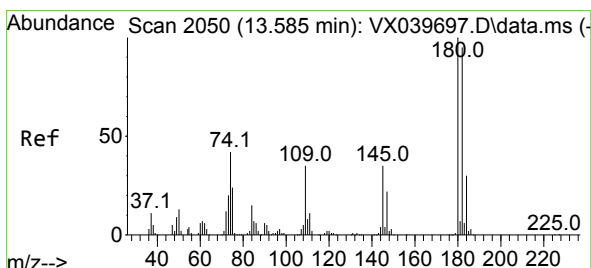
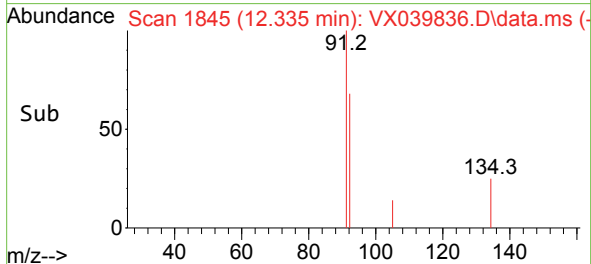
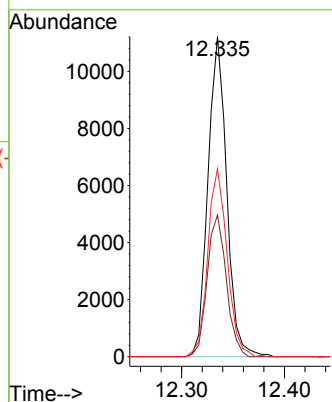
Tgt Ion:146 Resp: 14171

Ion Ratio Lower Upper

146 100

111 45.3 22.4 67.0

148 60.9 31.6 95.0



#93

1,2,4-Trichlorobenzene

Concen: 210.123 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039836.D

Acq: 19 Jan 2024 14:06

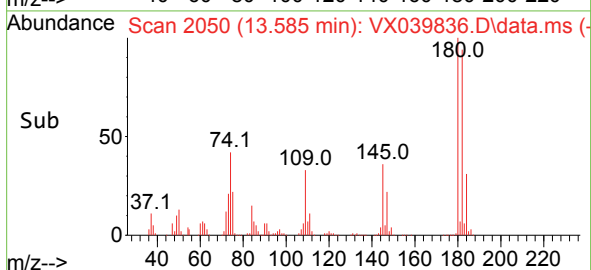
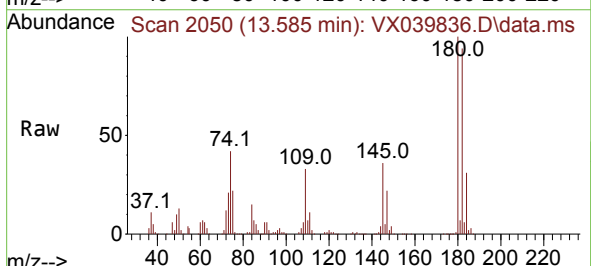
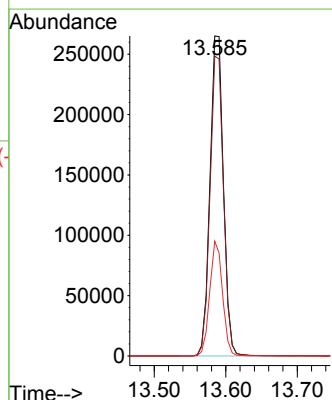
Tgt Ion:180 Resp: 346234

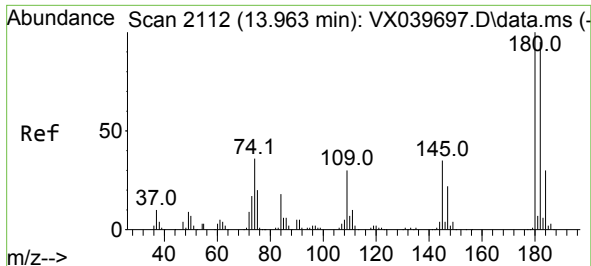
Ion Ratio Lower Upper

180 100

182 93.9 48.3 144.8

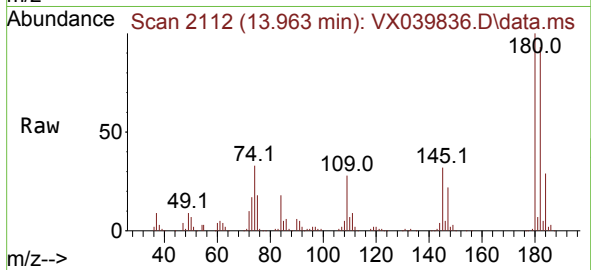
145 34.2 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 60.171 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX039836.D
 Acq: 19 Jan 2024 14:06

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



Tgt Ion:180	Resp:	100	065
Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.9	140.6
145	35.2	17.8	53.5

