

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039839.D
 Acq On : 19 Jan 2024 15:14
 Operator : JC/MD
 Sample : P1185-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-6-37-40

Quant Time: Jan 20 00:26:41 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)

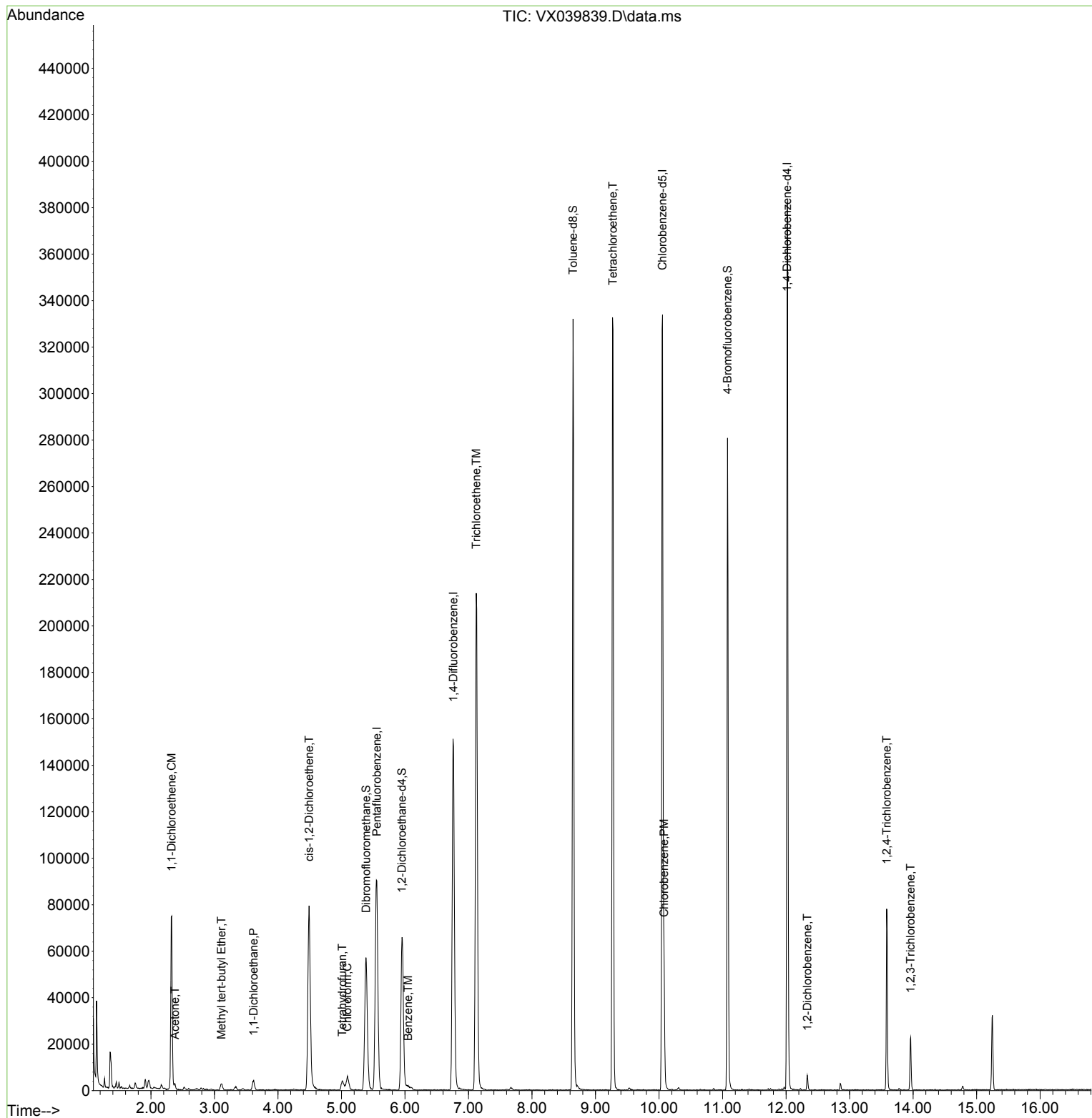
Internal Standards						
1) Pentafluorobenzene	5.556	168	82382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153590	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64293	46.588	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.180%
35) Dibromofluoromethane	5.385	113	50084	48.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	8.647	98	186290	47.746	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.500%
62) 4-Bromofluorobenzene	11.079	95	73479	48.160	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.320%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	23988	24.193	ug/l	94
16) Acetone	2.379	43	2550	3.286	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	2242	0.637	ug/l #	78
24) 1,1-Dichloroethane	3.617	63	4848	2.366	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	46112	38.531	ug/l	88
29) Tetrahydrofuran	5.013	42	3749	5.222	ug/l	97
30) Chloroform	5.092	83	6422	3.175	ug/l	91
40) Benzene	6.050	78	2094	0.459	ug/l #	89
44) Trichloroethene	7.123	130	78242	70.018	ug/l	97
64) Tetrachloroethene	9.275	164	57475	59.736	ug/l	99
65) Chlorobenzene	10.079	112	20308	6.590	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	1872	0.766	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	16206	10.846	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	4934	3.272	ug/l	97

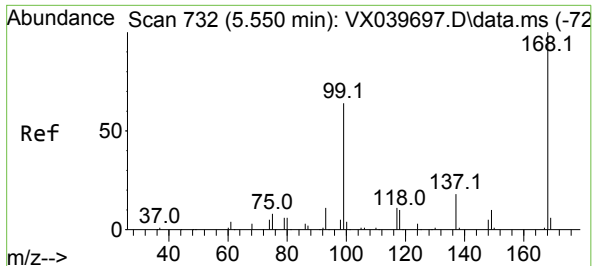
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
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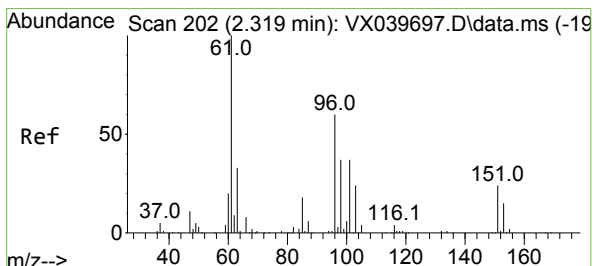
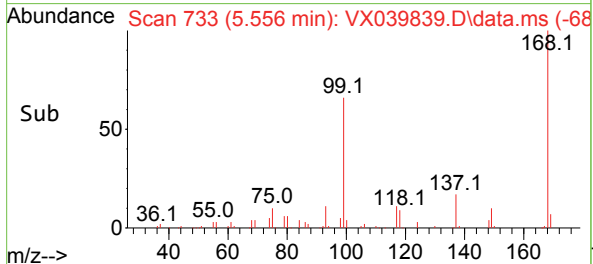
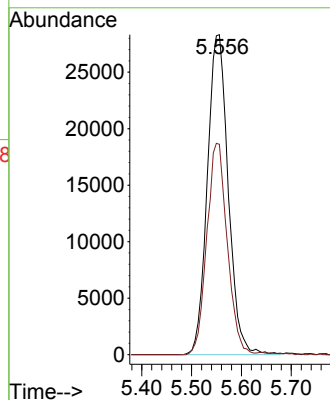
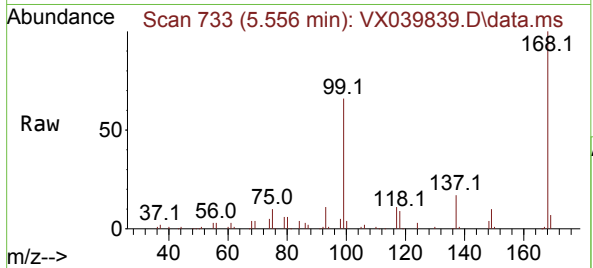




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039839.D
Acq: 19 Jan 2024 15:14

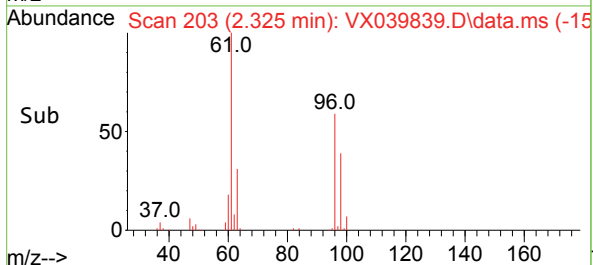
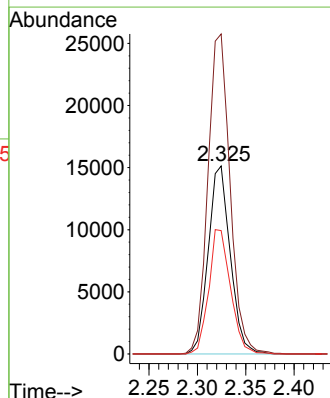
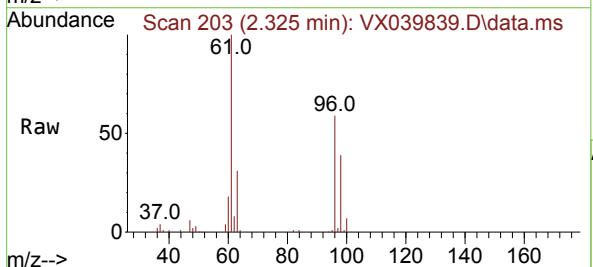
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-37-40

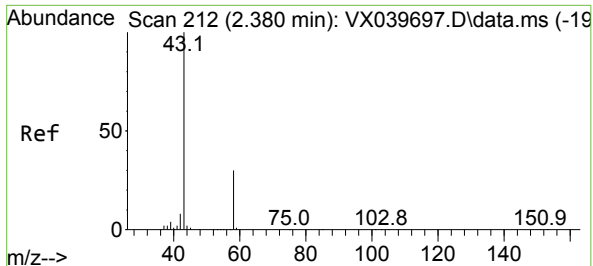
Tgt Ion:168 Resp: 82382
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0



#12
1,1-Dichloroethene
Concen: 24.193 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX039839.D
Acq: 19 Jan 2024 15:14

Tgt Ion: 96 Resp: 23988
Ion Ratio Lower Upper
96 100
61 170.2 144.6 216.8
98 65.6 50.4 75.6





#16

Acetone

Concen: 3.286 ug/l

RT: 2.379 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039839.D

Acq: 19 Jan 2024 15:14

Instrument :

MSVOA_X

ClientSampleId :

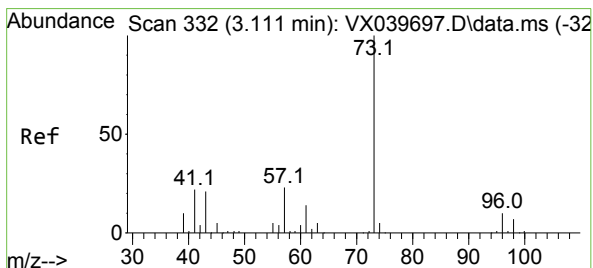
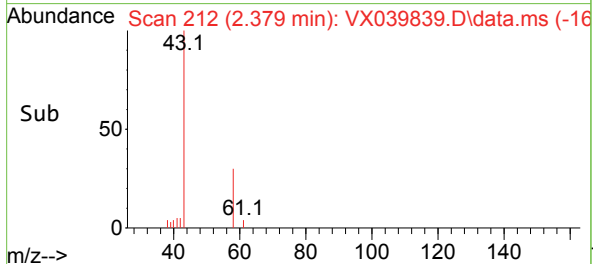
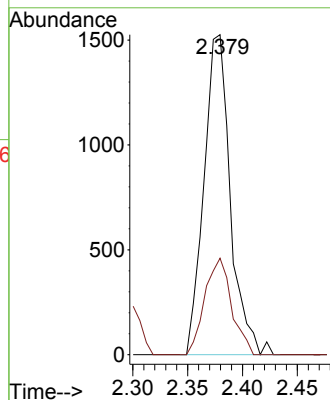
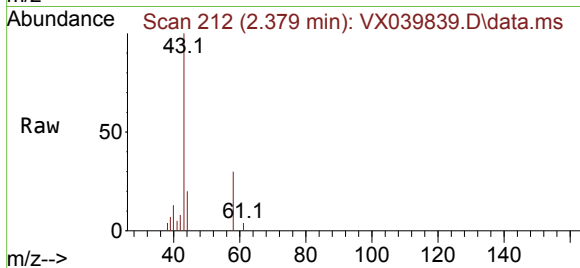
SUMOGW-6-37-40

Tgt Ion: 43 Resp: 2550

Ion Ratio Lower Upper

43 100

58 30.1 21.9 32.9



#19

Methyl tert-butyl Ether

Concen: 0.637 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX039839.D

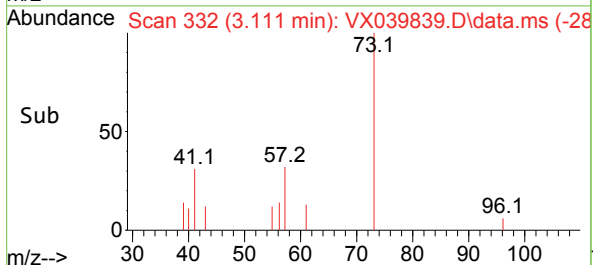
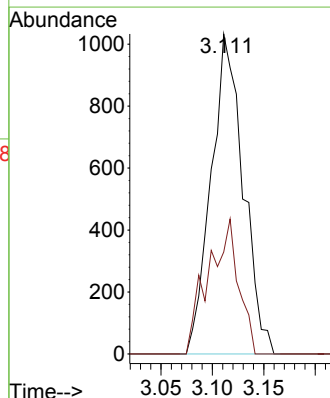
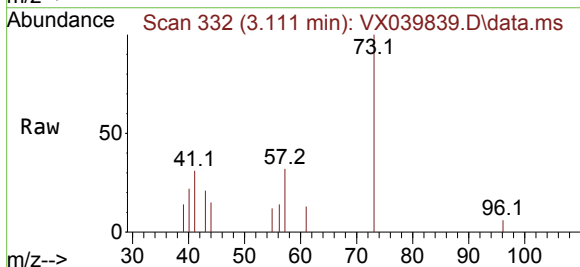
Acq: 19 Jan 2024 15:14

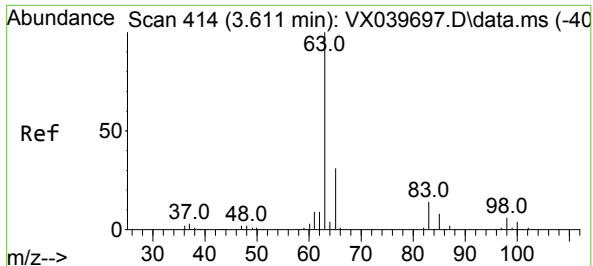
Tgt Ion: 73 Resp: 2242

Ion Ratio Lower Upper

73 100

57 31.8 17.3 25.9#

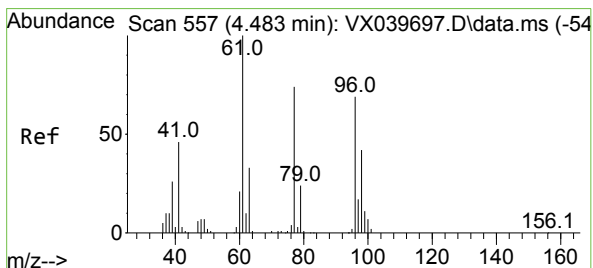
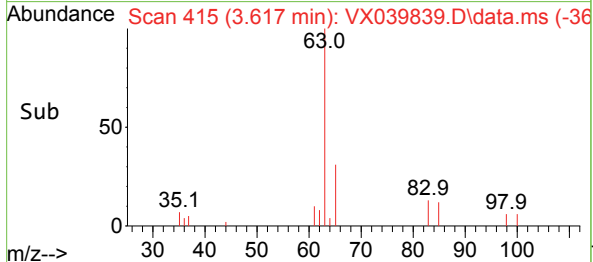
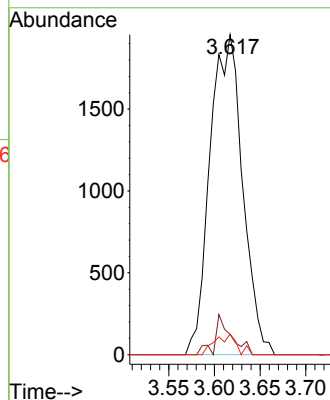
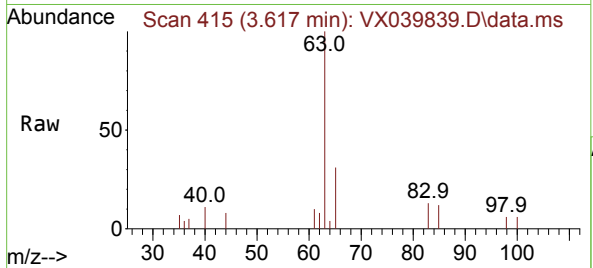




#24
1,1-Dichloroethane
Concen: 2.366 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039839.D
Acq: 19 Jan 2024 15:14

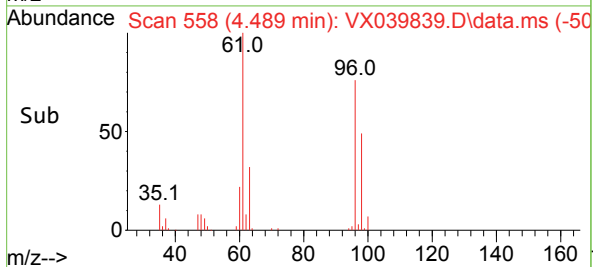
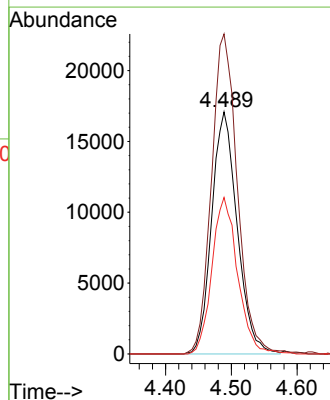
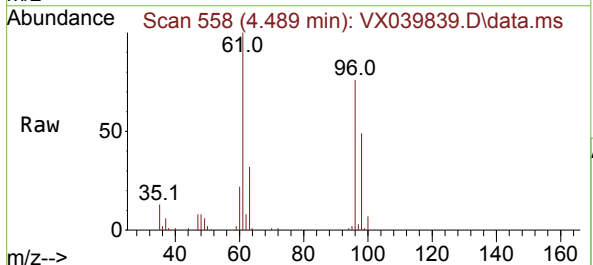
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-37-40

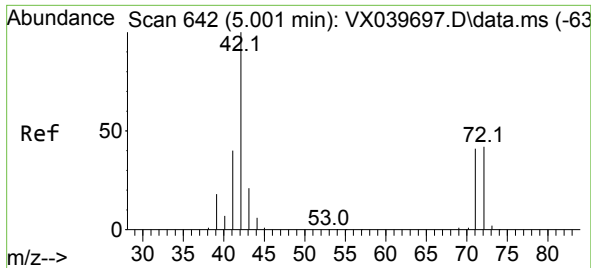
Tgt Ion: 63 Resp: 4848
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.8
100 6.4 2.1 6.5



#27
cis-1,2-Dichloroethene
Concen: 38.531 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX039839.D
Acq: 19 Jan 2024 15:14

Tgt Ion: 96 Resp: 46112
Ion Ratio Lower Upper
96 100
61 134.4 0.0 312.2
98 65.0 0.0 129.0

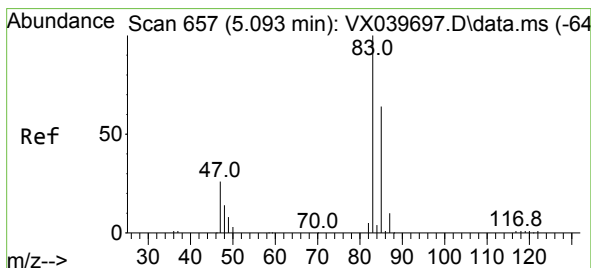
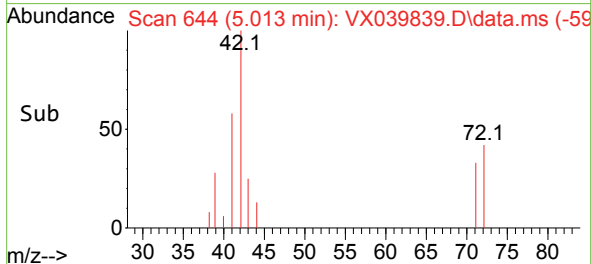
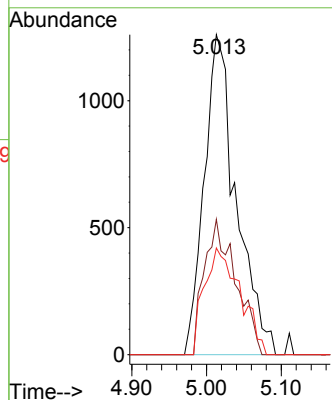
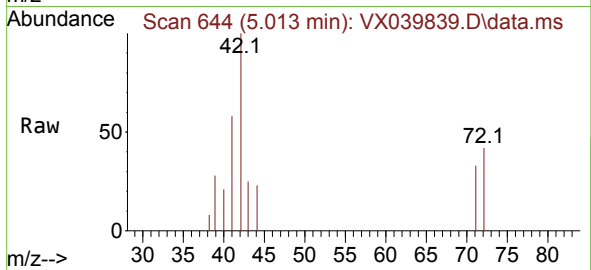




#29
Tetrahydrofuran
Concen: 5.222 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX039839.D
Acq: 19 Jan 2024 15:14

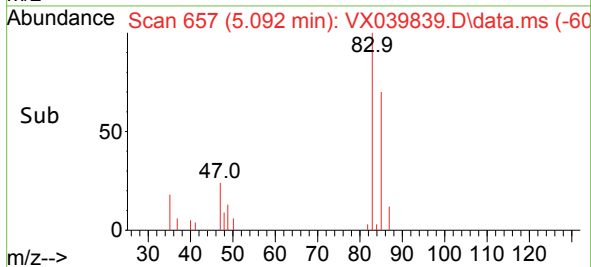
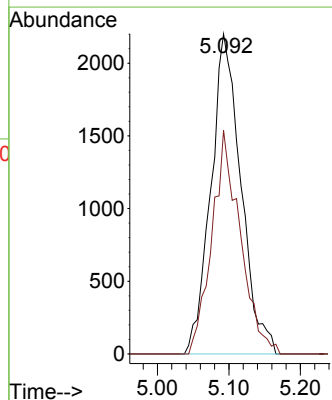
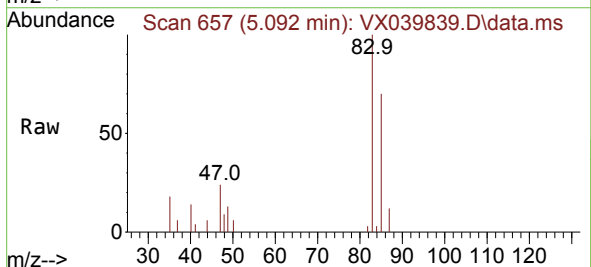
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-37-40

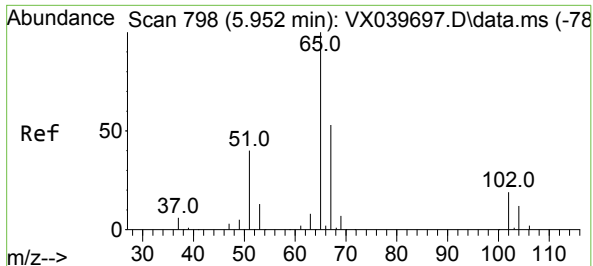
Tgt Ion: 42 Resp: 3749
Ion Ratio Lower Upper
42 100
72 41.7 34.2 51.4
71 37.2 32.2 48.2



#30
Chloroform
Concen: 3.175 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX039839.D
Acq: 19 Jan 2024 15:14

Tgt Ion: 83 Resp: 6422
Ion Ratio Lower Upper
83 100
85 69.9 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 46.588 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039839.D

Acq: 19 Jan 2024 15:14

Instrument :

MSVOA_X

ClientSampleId :

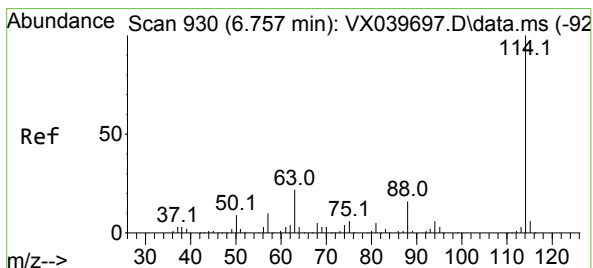
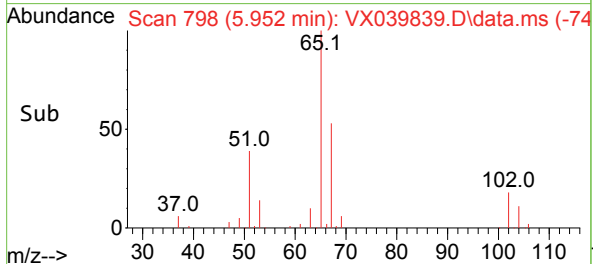
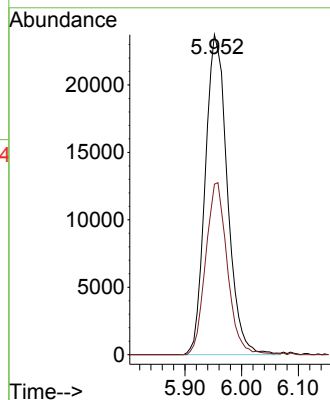
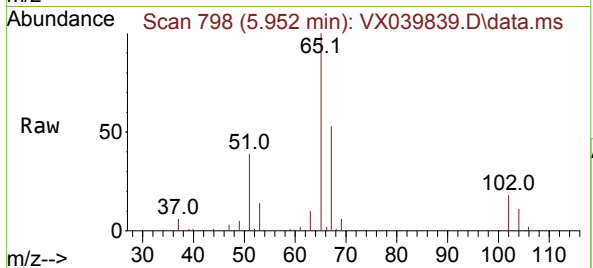
SUMOGW-6-37-40

Tgt Ion: 65 Resp: 64293

Ion Ratio Lower Upper

65 100

67 52.7 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: VX039839.D

Acq: 19 Jan 2024 15:14

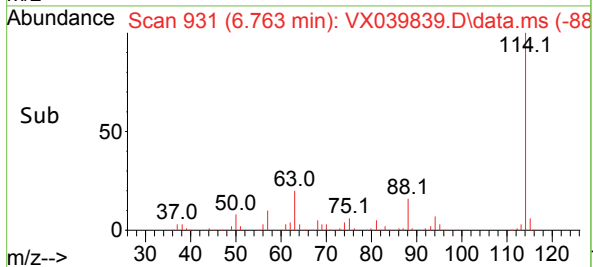
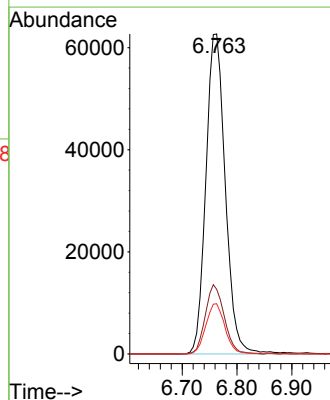
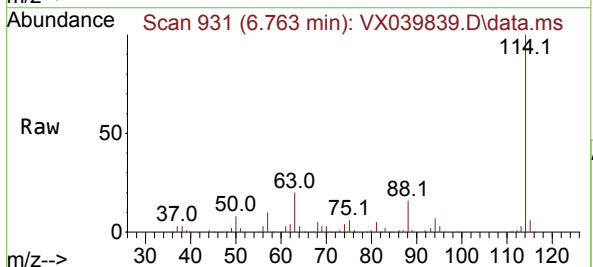
Tgt Ion: 114 Resp: 153590

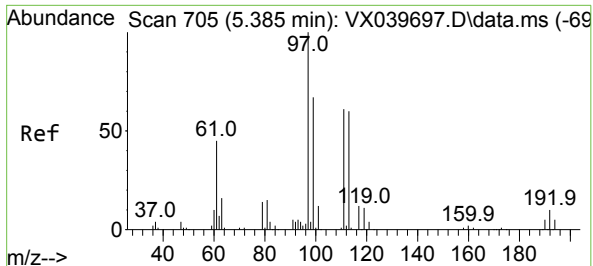
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

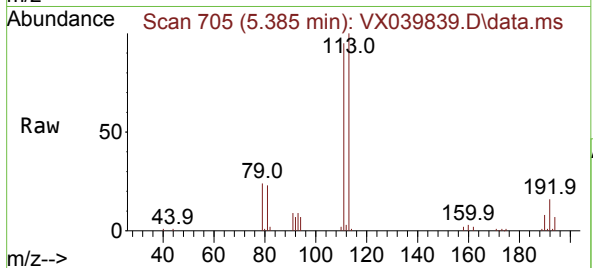
88 15.7 0.0 36.6



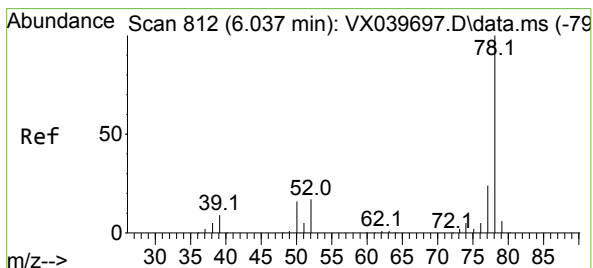
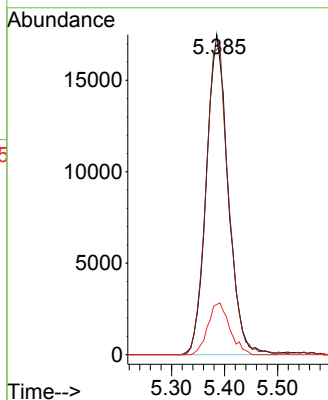
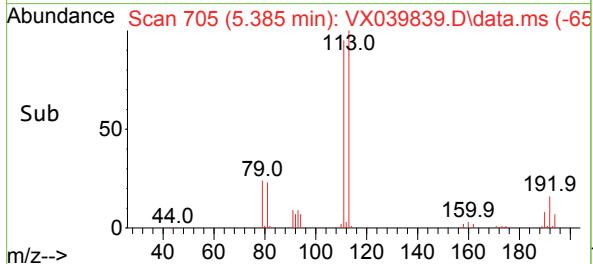


#35
Dibromofluoromethane
Concen: 48.414 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039839.D
Acq: 19 Jan 2024 15:14

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-37-40

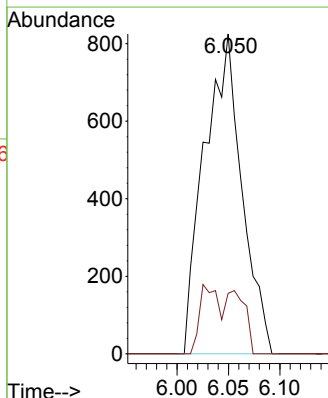
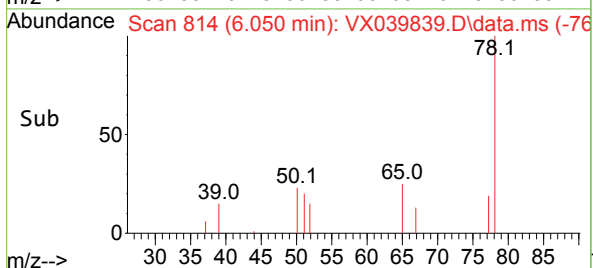
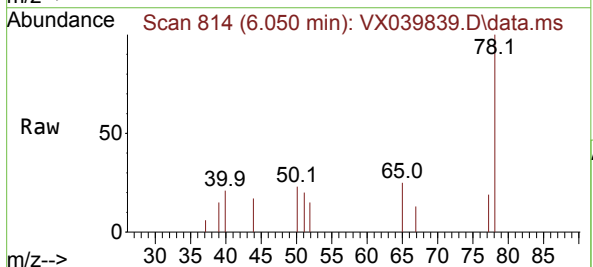


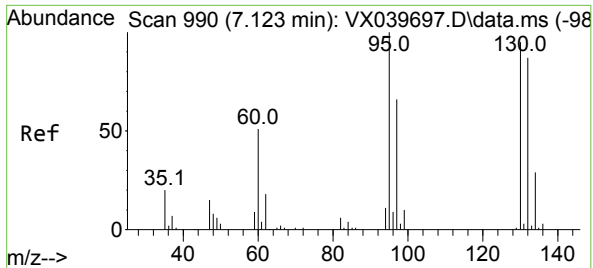
Tgt Ion:113 Resp: 50084
Ion Ratio Lower Upper
113 100
111 100.1 82.9 124.3
192 16.1 13.3 19.9



#40
Benzene
Concen: 0.459 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX039839.D
Acq: 19 Jan 2024 15:14

Tgt Ion: 78 Resp: 2094
Ion Ratio Lower Upper
78 100
77 18.9 19.3 28.9#

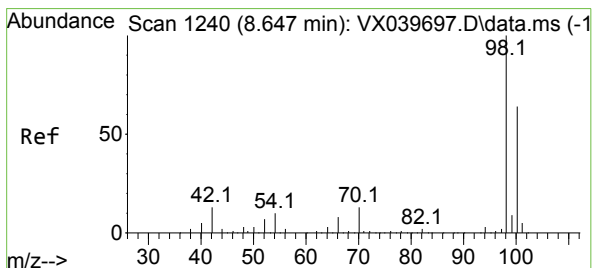
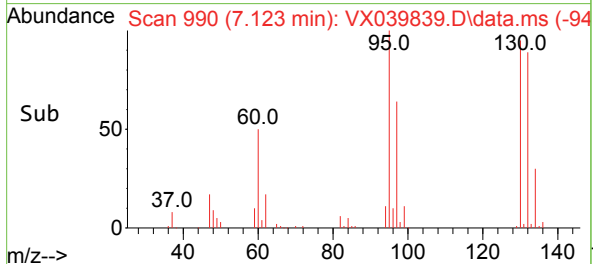
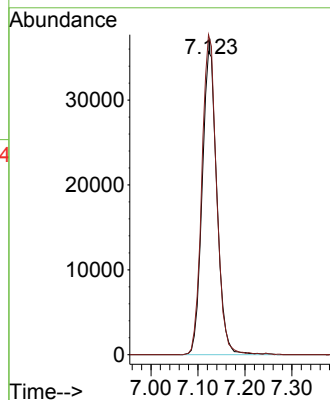
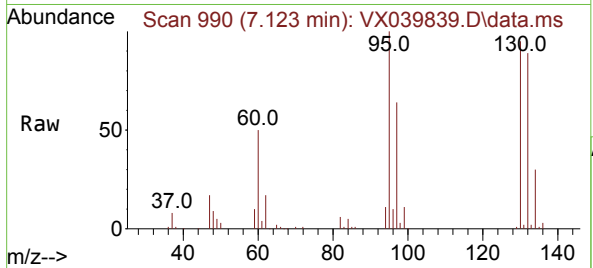




#44
Trichloroethene
Concen: 70.018 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039839.D
Acq: 19 Jan 2024 15:14

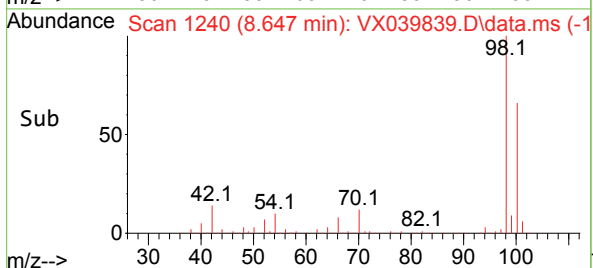
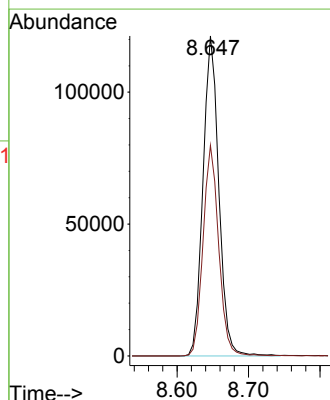
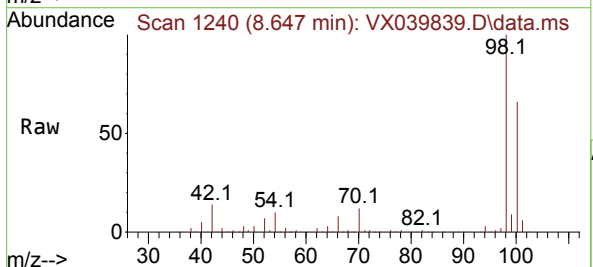
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-37-40

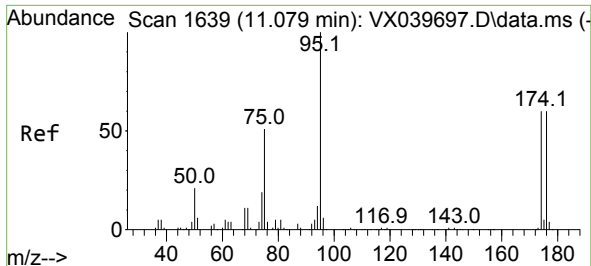
Tgt Ion:130 Resp: 78242
Ion Ratio Lower Upper
130 100
95 105.6 0.0 204.4



#50
Toluene-d8
Concen: 47.746 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039839.D
Acq: 19 Jan 2024 15:14

Tgt Ion: 98 Resp: 186290
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7

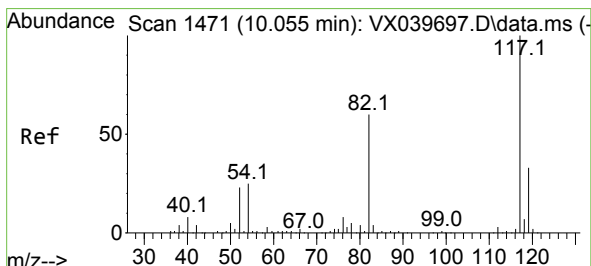
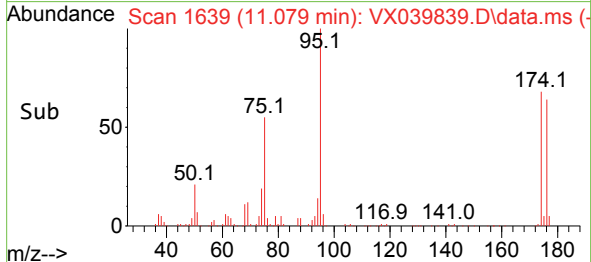
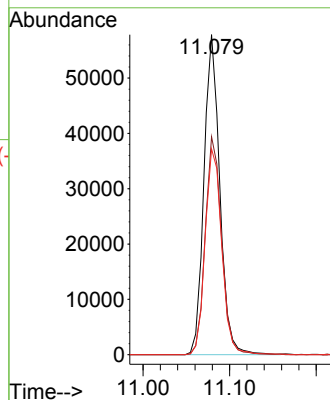
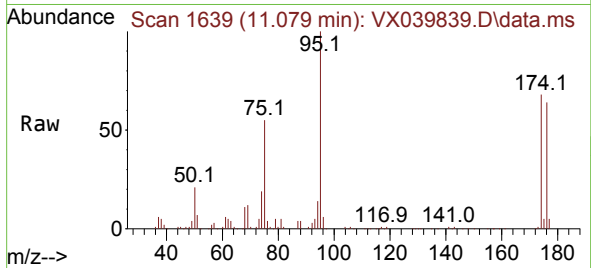




#62
4-Bromofluorobenzene
Concen: 48.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039839.D
Acq: 19 Jan 2024 15:14

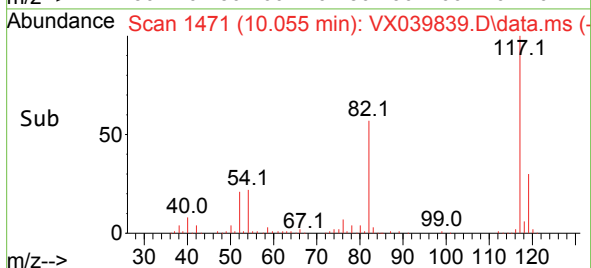
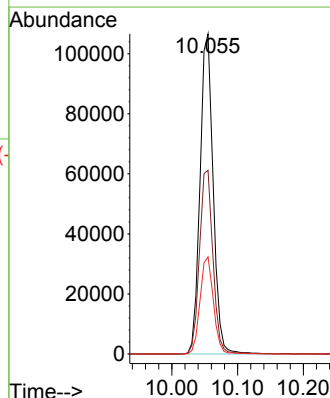
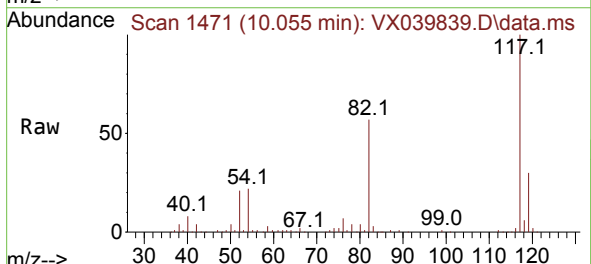
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-6-37-40

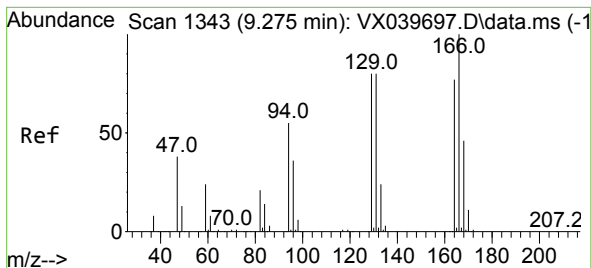
Tgt Ion: 95 Resp: 73479
Ion Ratio Lower Upper
95 100
174 70.4 0.0 135.6
176 67.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039839.D
Acq: 19 Jan 2024 15:14

Tgt Ion: 117 Resp: 147955
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 30.4 25.5 38.3





#64

Tetrachloroethene

Concen: 59.736 ug/l

RT: 9.275 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039839.D

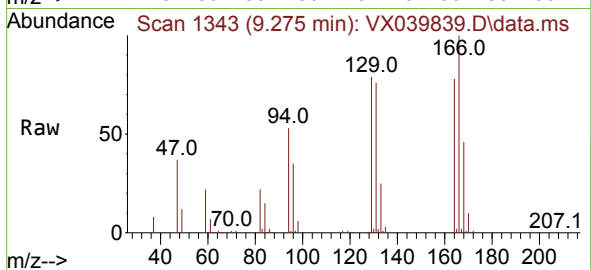
Acq: 19 Jan 2024 15:14

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-6-37-40



Tgt Ion:164 Resp: 57475

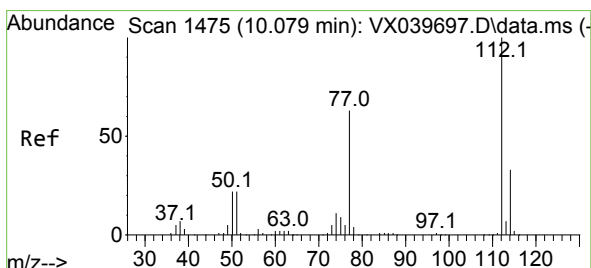
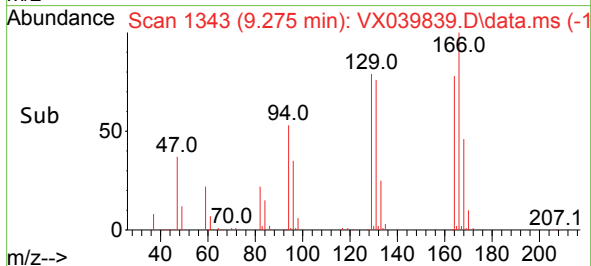
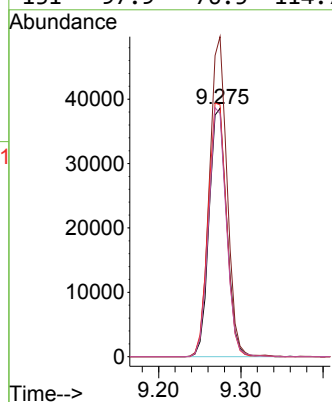
Ion Ratio Lower Upper

164 100

166 128.9 102.7 154.1

129 101.4 80.4 120.6

131 97.9 76.5 114.7



#65

Chlorobenzene

Concen: 6.590 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX039839.D

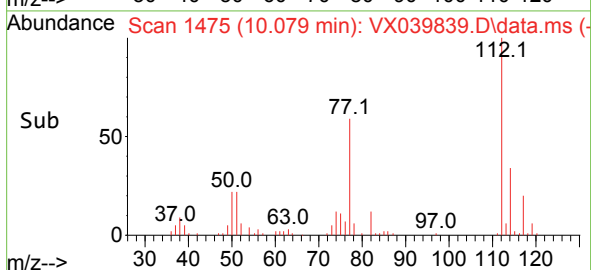
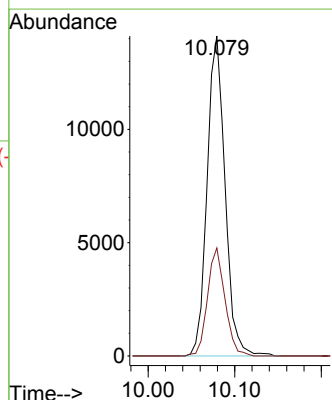
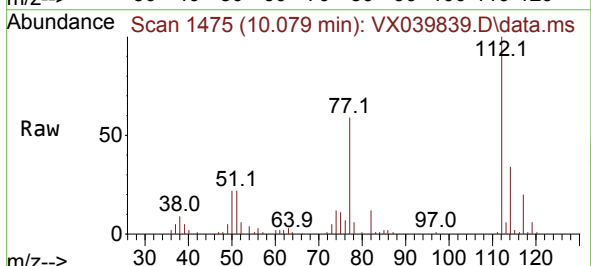
Acq: 19 Jan 2024 15:14

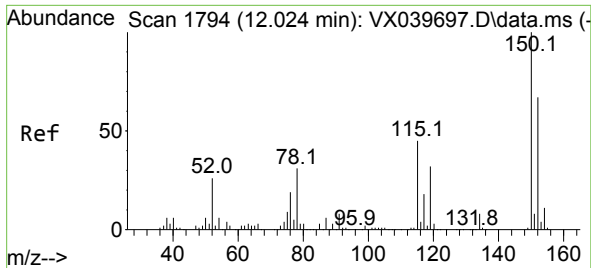
Tgt Ion:112 Resp: 20308

Ion Ratio Lower Upper

112 100

114 33.8 25.7 38.5

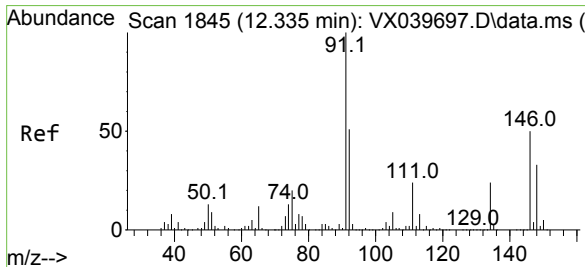
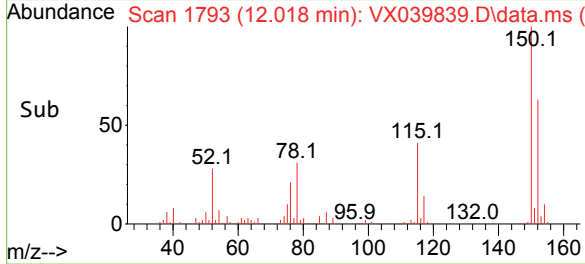
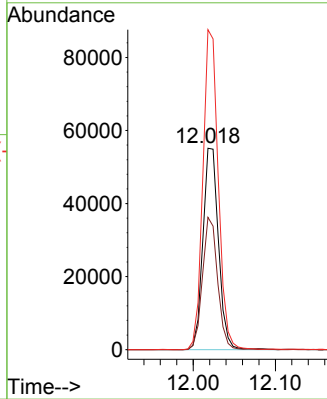
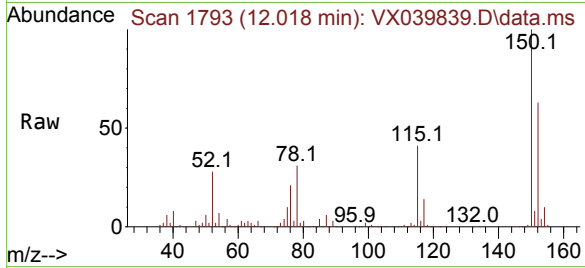




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. -0.006 min
 Lab File: VX039839.D
 Acq: 19 Jan 2024 15:14

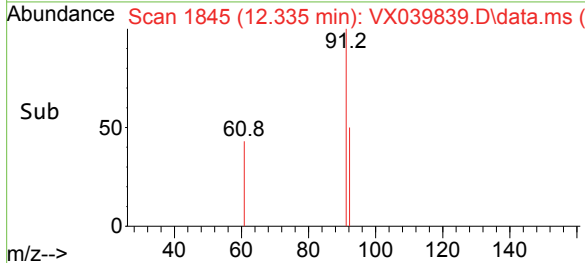
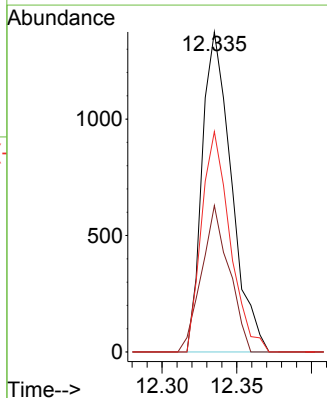
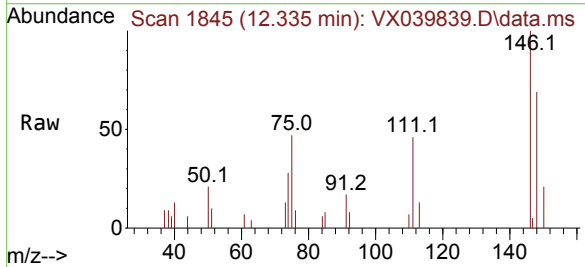
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-6-37-40

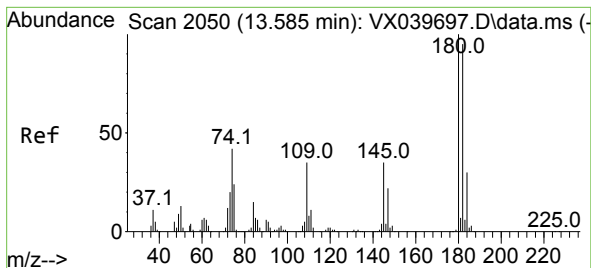
Tgt Ion:152 Resp: 72785
 Ion Ratio Lower Upper
 152 100
 115 63.8 43.3 129.9
 150 156.4 0.0 345.0



#91
 1,2-Dichlorobenzene
 Concen: 0.766 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX039839.D
 Acq: 19 Jan 2024 15:14

Tgt Ion:146 Resp: 1872
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.4 67.0
 148 66.9 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 10.846 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039839.D

Acq: 19 Jan 2024 15:14

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-6-37-40

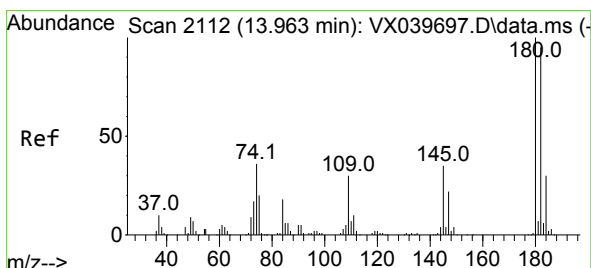
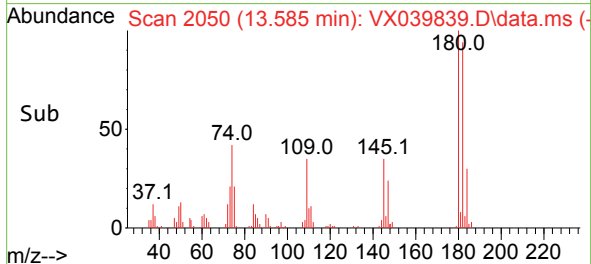
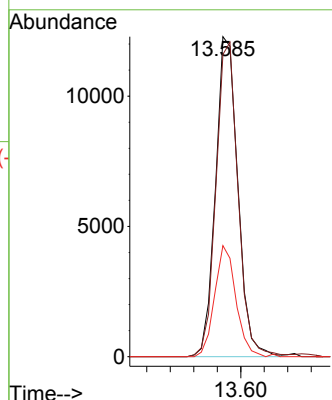
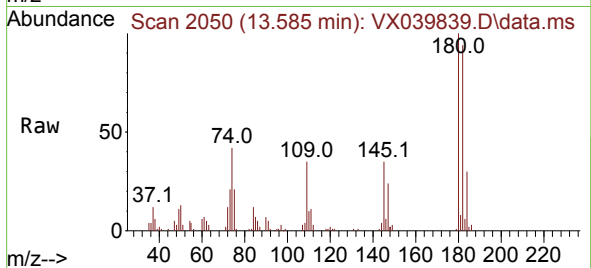
Tgt Ion:180 Resp: 16206

Ion Ratio Lower Upper

180 100

182 97.2 48.3 144.8

145 33.3 18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 3.272 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039839.D

Acq: 19 Jan 2024 15:14

Tgt Ion:180 Resp: 4934

Ion Ratio Lower Upper

180 100

182 97.1 46.9 140.6

145 36.4 17.8 53.5

