

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039846.D
 Acq On : 19 Jan 2024 17:52
 Operator : JC/MD
 Sample : P1184-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-5-37-40

Quant Time: Jan 20 00:29:43 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)

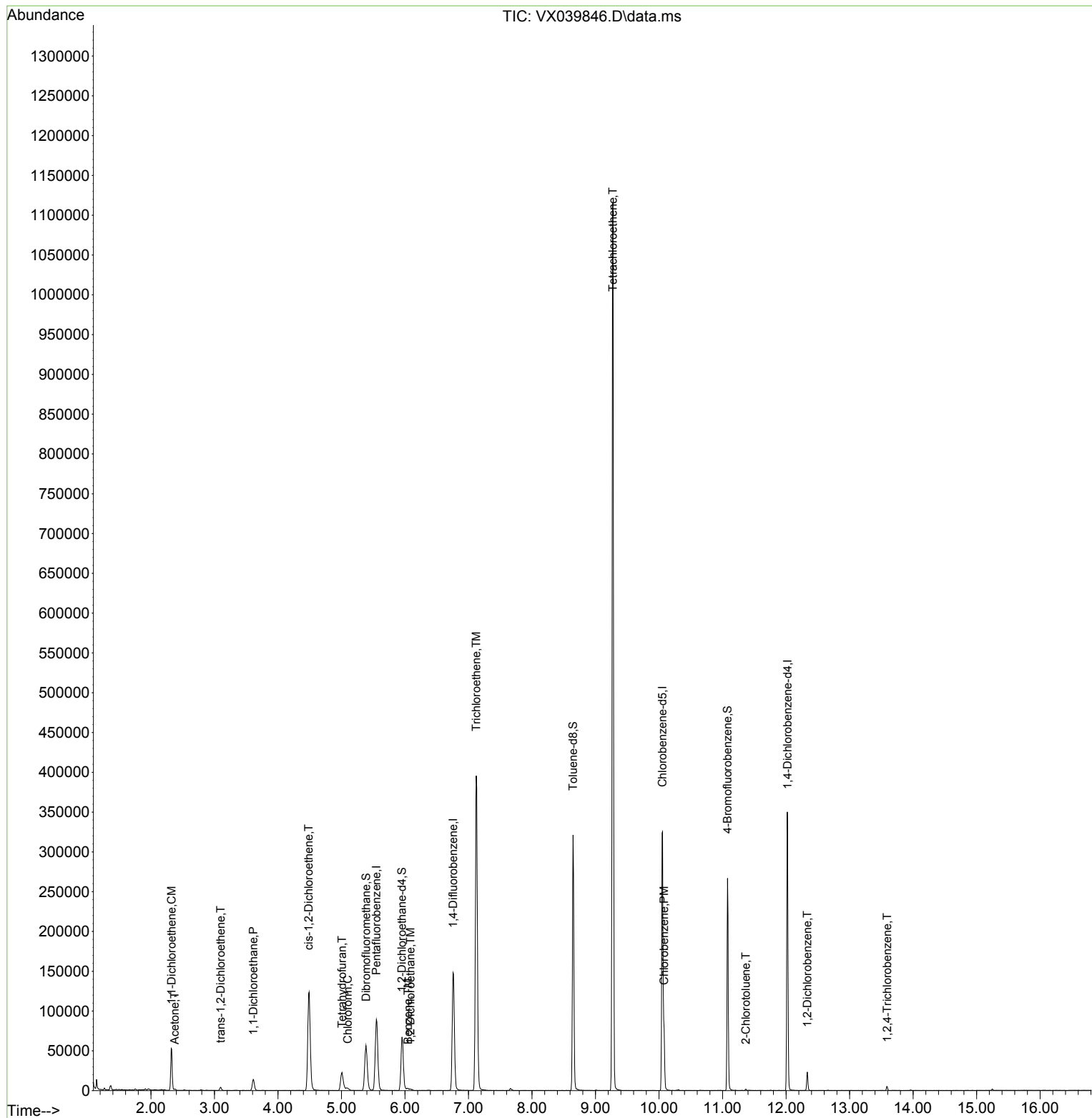
Internal Standards						
1) Pentafluorobenzene	5.550	168	80451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63391	47.037	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.385	113	48500	48.622	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	8.647	98	182887	48.613	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.220%
62) 4-Bromofluorobenzene	11.079	95	70445	47.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.760%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	16870	17.422	ug/l	90
16) Acetone	2.373	43	1613	2.128	ug/l #	84
21) trans-1,2-Dichloroethene	3.099	96	1526	1.498	ug/l	92
24) 1,1-Dichloroethane	3.611	63	15608	7.801	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	76392	65.364	ug/l	86
29) Tetrahydrofuran	5.007	42	21163	30.188	ug/l	98
30) Chloroform	5.099	83	3123	1.581	ug/l	90
40) Benzene	6.050	78	2891	0.658	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	1718	1.028	ug/l	84
44) Trichloroethene	7.123	130	140641	130.527	ug/l	95
64) Tetrachloroethene	9.275	164	191790	205.207	ug/l	97
65) Chlorobenzene	10.079	112	30090	10.052	ug/l	95
79) 2-Chlorotoluene	11.366	91	1006	0.243	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	6952	2.972	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	1402	0.981	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
QLast Update : Thu Jan 11 03:51:26 2024
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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: VX039846.D

Acq: 19 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

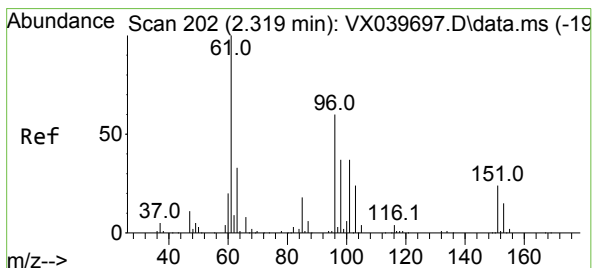
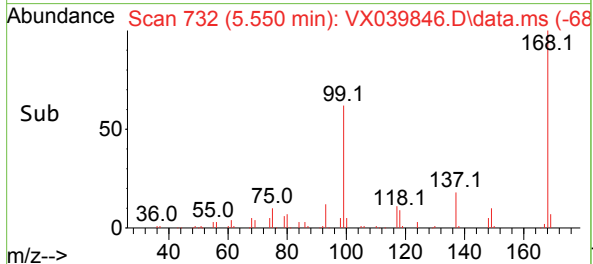
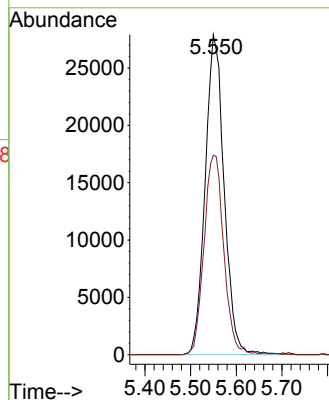
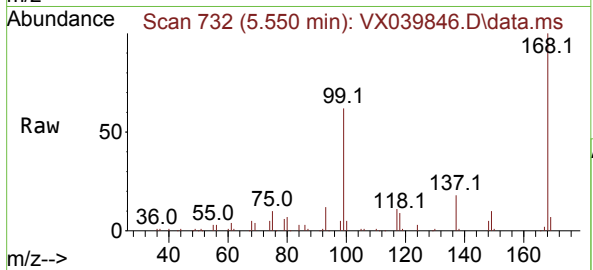
SUMOGW-5-37-40

Tgt Ion:168 Resp: 80451

Ion Ratio Lower Upper

168 100

99 62.4 56.6 85.0



#12

1,1-Dichloroethene

Concen: 17.422 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

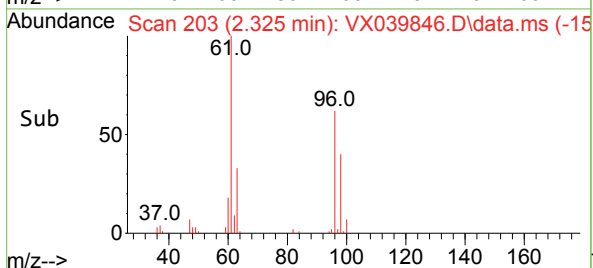
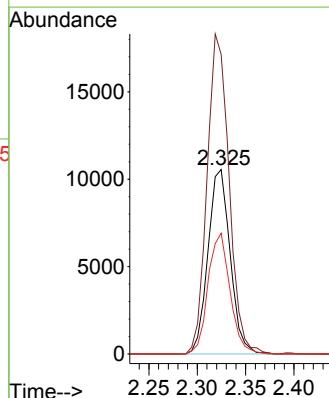
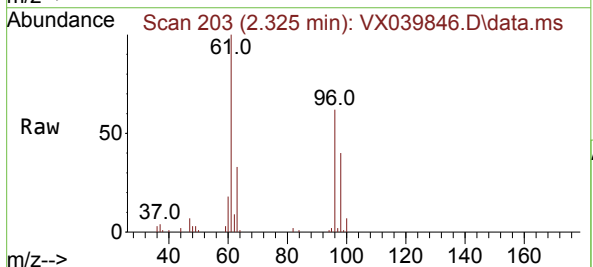
Tgt Ion: 96 Resp: 16870

Ion Ratio Lower Upper

96 100

61 162.3 144.6 216.8

98 65.5 50.4 75.6

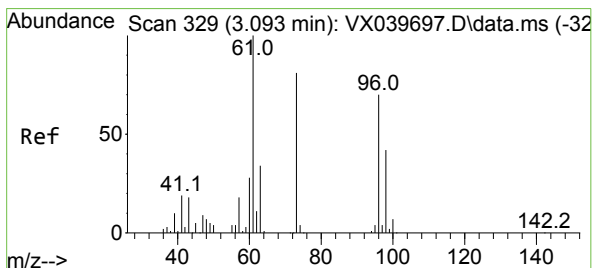
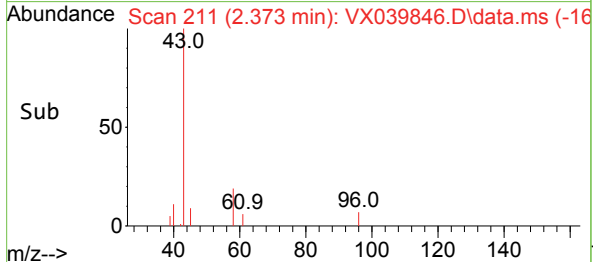
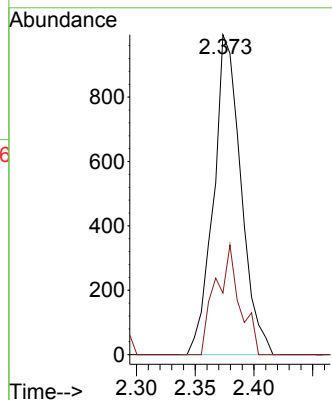
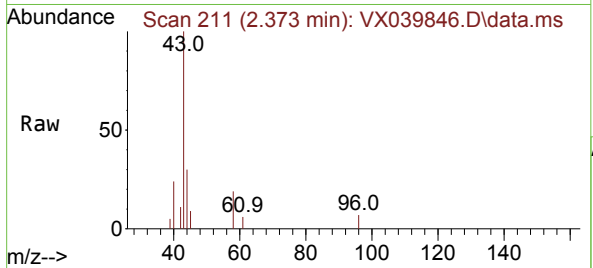




#16
Acetone
Concen: 2.128 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039846.D
Acq: 19 Jan 2024 17:52

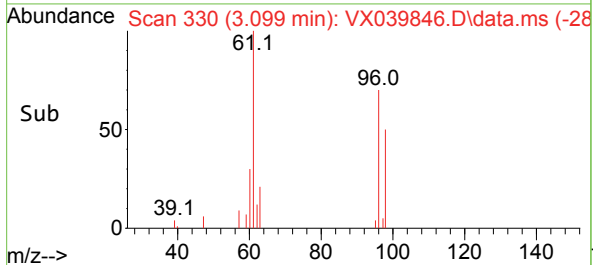
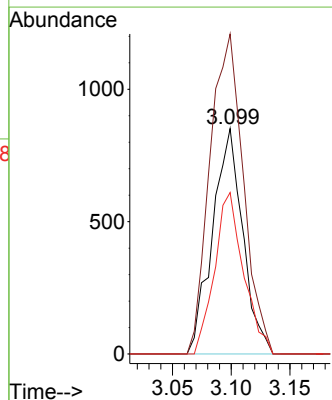
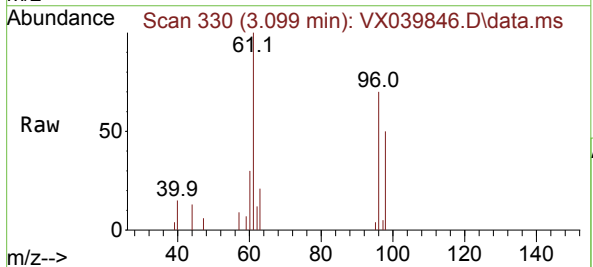
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-37-40

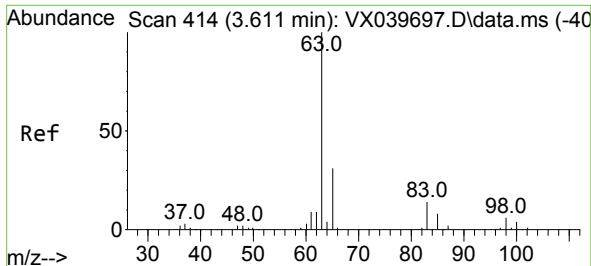
Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 19.2 21.9 32.9#



#21
trans-1,2-Dichloroethene
Concen: 1.498 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX039846.D
Acq: 19 Jan 2024 17:52

Tgt Ion: 96 Resp: 1526
Ion Ratio Lower Upper
96 100
61 141.9 119.2 178.8
98 71.6 48.7 73.1

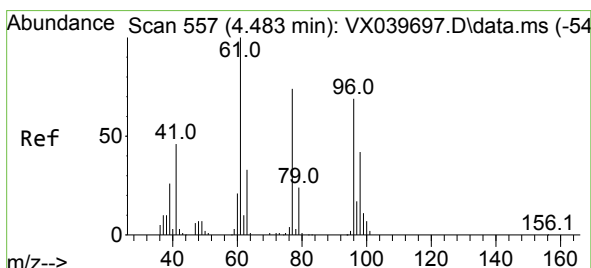
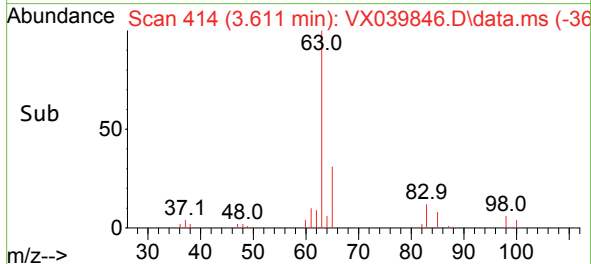
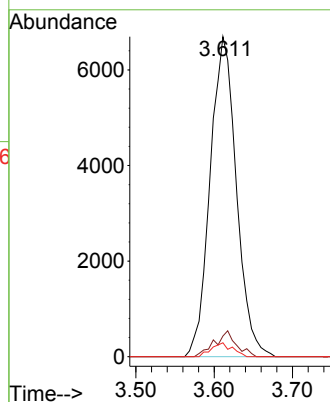
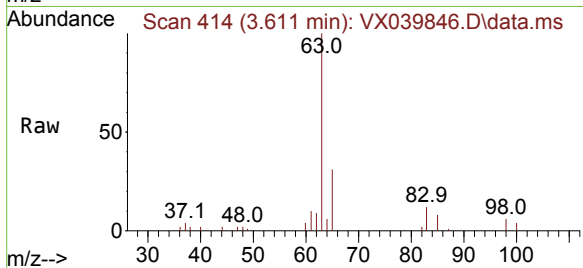




#24
 1,1-Dichloroethane
 Concen: 7.801 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX039846.D
 Acq: 19 Jan 2024 17:52

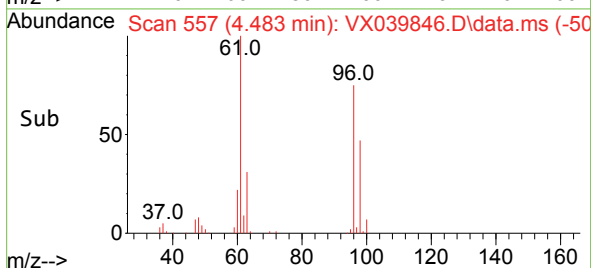
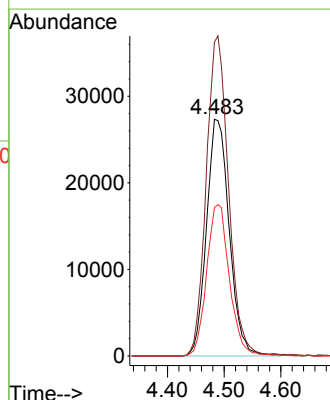
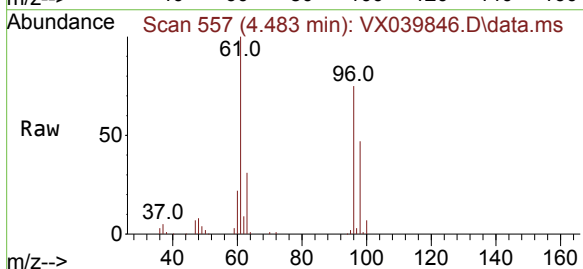
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-5-37-40

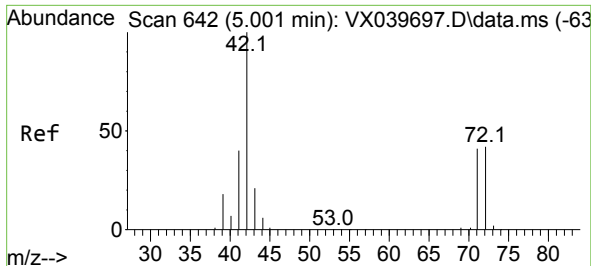
Tgt Ion:	63	Resp:	15608
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.3	9.8
100	4.3	2.1	6.5



#27
 cis-1,2-Dichloroethene
 Concen: 65.364 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX039846.D
 Acq: 19 Jan 2024 17:52

Tgt Ion:	96	Resp:	76392
Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	312.2
98	63.8	0.0	129.0





#29

Tetrahydrofuran

Concen: 30.188 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-5-37-40

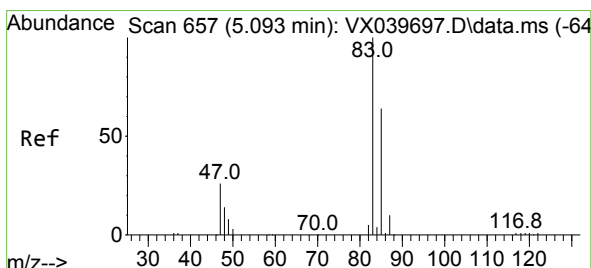
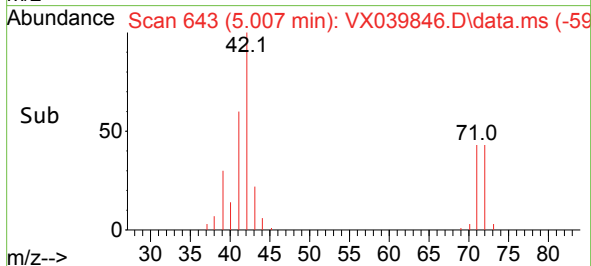
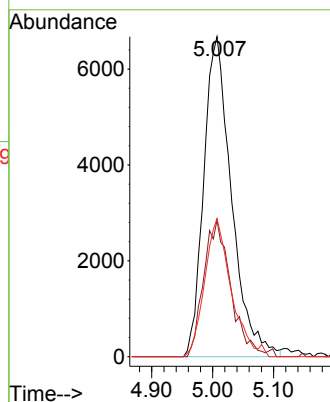
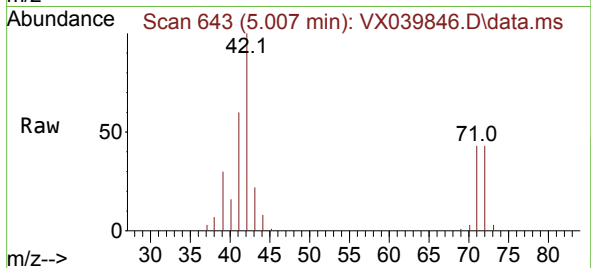
Tgt Ion: 42 Resp: 21163

Ion Ratio Lower Upper

42 100

72 41.6 34.2 51.4

71 41.3 32.2 48.2



#30

Chloroform

Concen: 1.581 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX039846.D

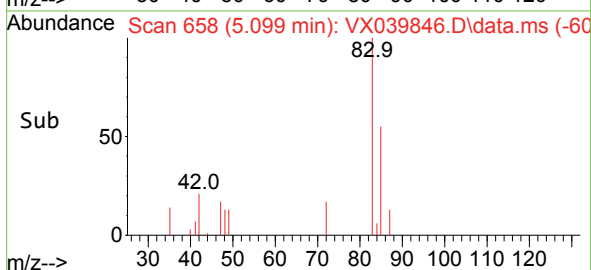
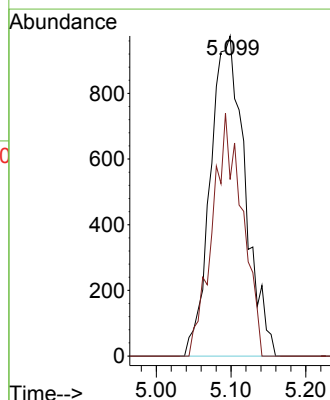
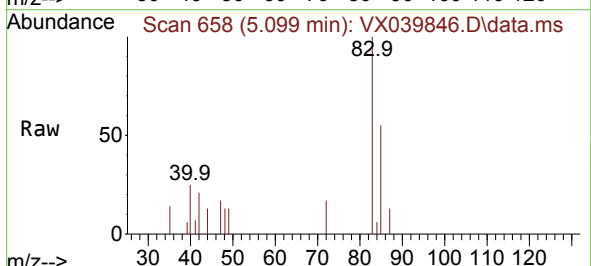
Acq: 19 Jan 2024 17:52

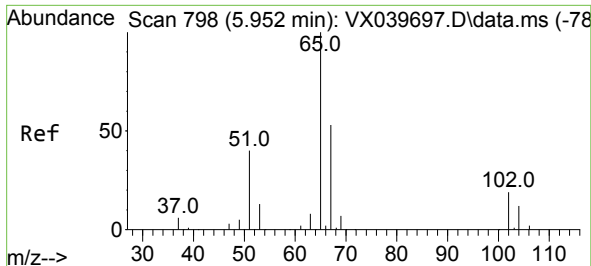
Tgt Ion: 83 Resp: 3123

Ion Ratio Lower Upper

83 100

85 55.2 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 47.037 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

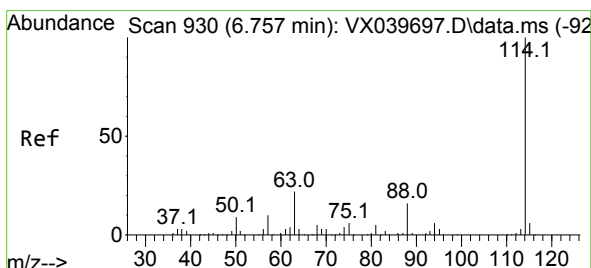
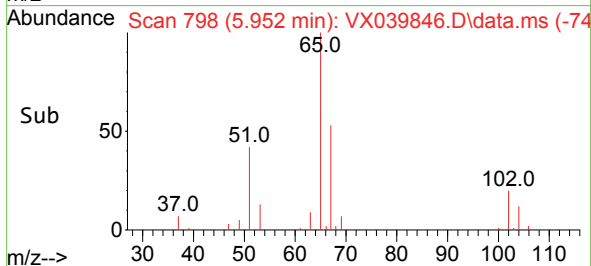
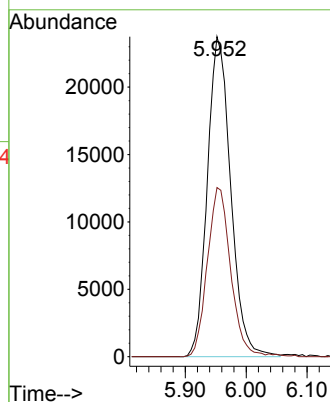
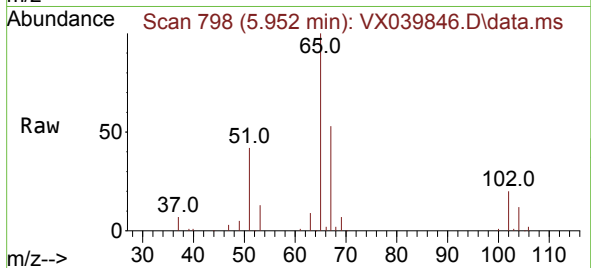
SUMOGW-5-37-40

Tgt Ion: 65 Resp: 63391

Ion Ratio Lower Upper

65 100

67 52.9 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: VX039846.D

Acq: 19 Jan 2024 17:52

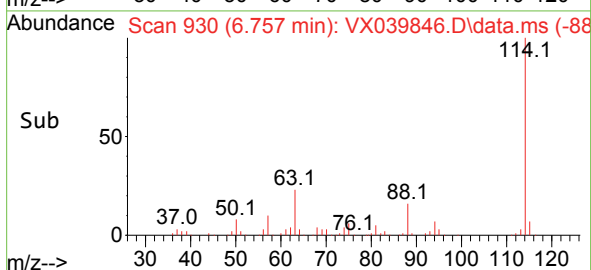
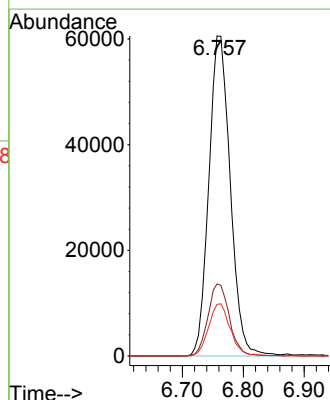
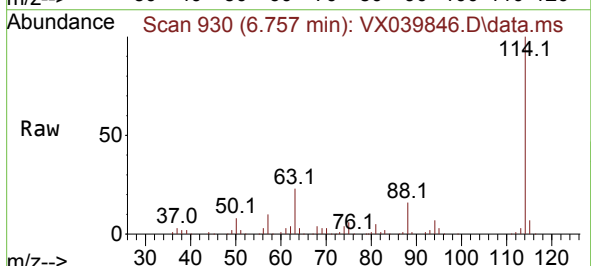
Tgt Ion: 114 Resp: 148096

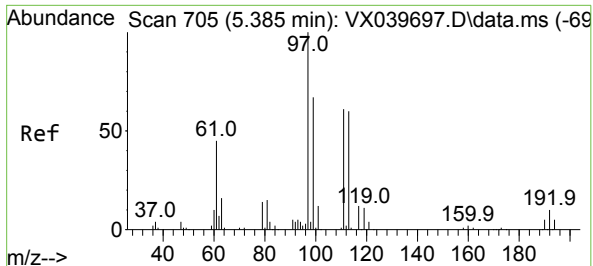
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 16.1 0.0 36.6

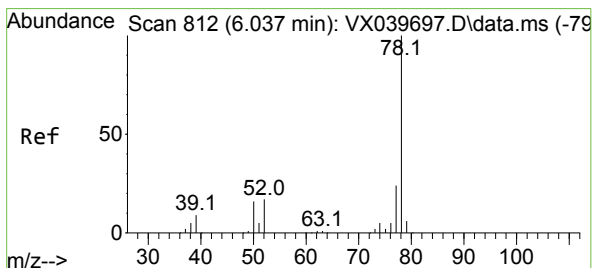
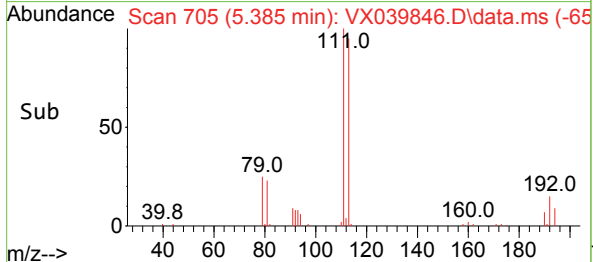
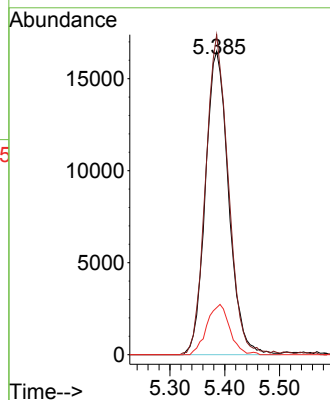
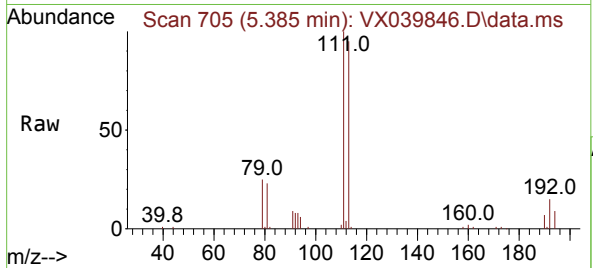




#35
Dibromofluoromethane
Concen: 48.622 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039846.D
Acq: 19 Jan 2024 17:52

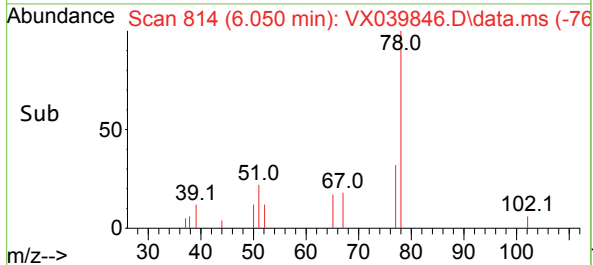
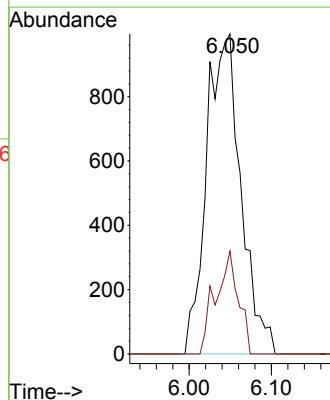
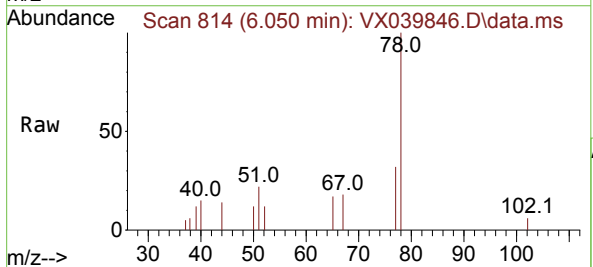
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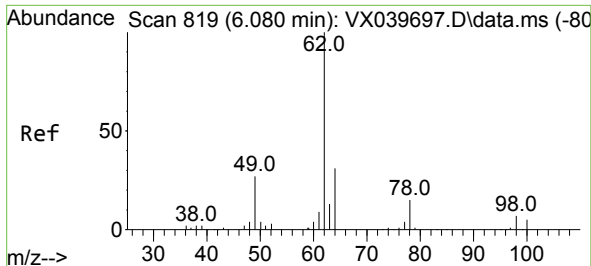
Tgt Ion:113 Resp: 48500
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.4 13.3 19.9



#40
Benzene
Concen: 0.658 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX039846.D
Acq: 19 Jan 2024 17:52

Tgt Ion: 78 Resp: 2891
Ion Ratio Lower Upper
78 100
77 32.2 19.3 28.9#





#42

1,2-Dichloroethane

Concen: 1.028 ug/l

RT: 6.086 min Scan# 819

Delta R.T. 0.006 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

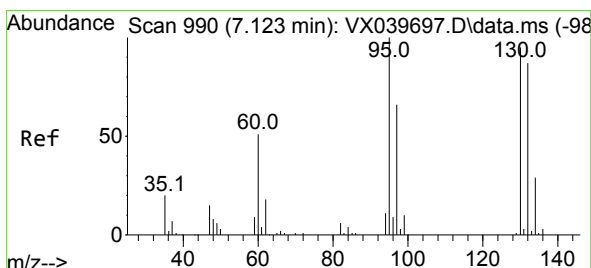
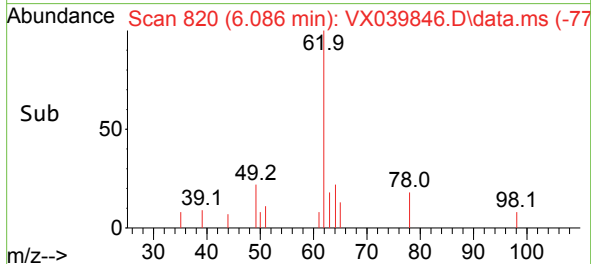
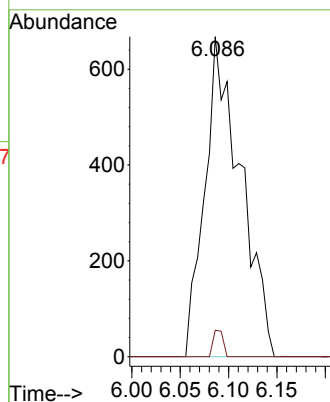
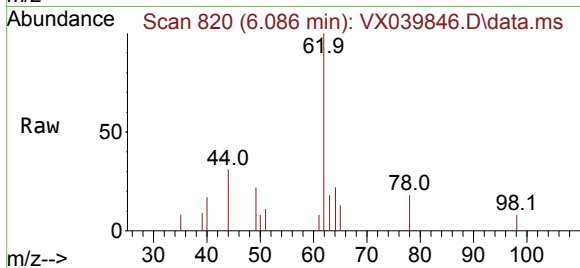
SUMOGW-5-37-40

Tgt Ion: 62 Resp: 1718

Ion Ratio Lower Upper

62 100

98 2.3 0.0 16.0



#44

Trichloroethene

Concen: 130.527 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039846.D

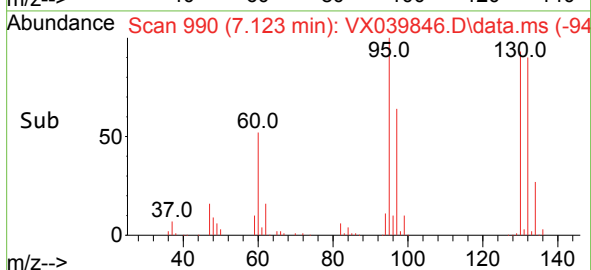
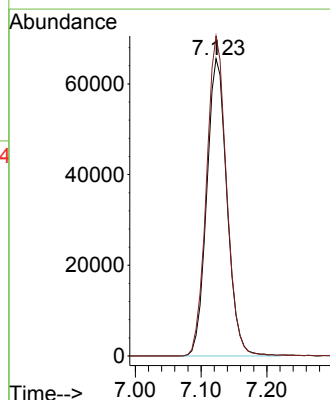
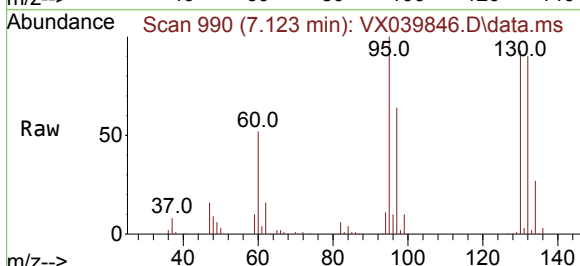
Acq: 19 Jan 2024 17:52

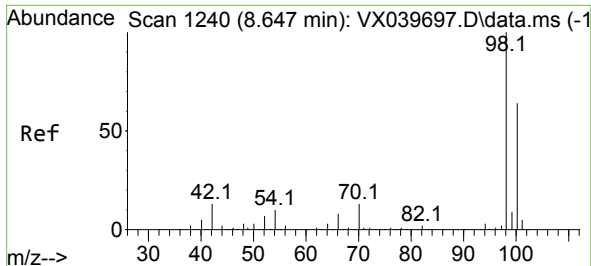
Tgt Ion:130 Resp: 140641

Ion Ratio Lower Upper

130 100

95 107.6 0.0 204.4

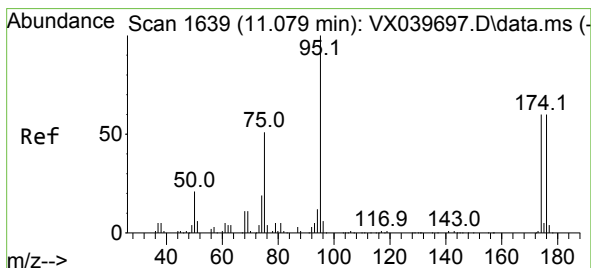
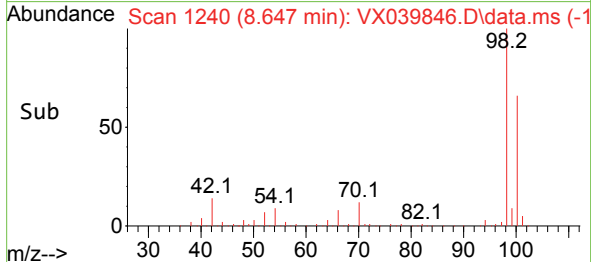
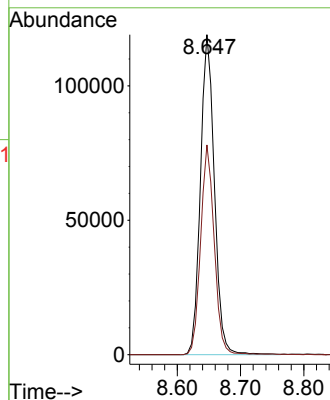
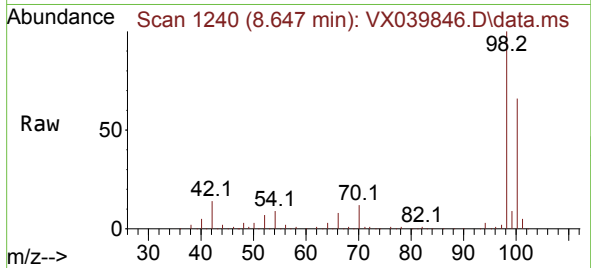




#50
Toluene-d8
Concen: 48.613 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039846.D
Acq: 19 Jan 2024 17:52

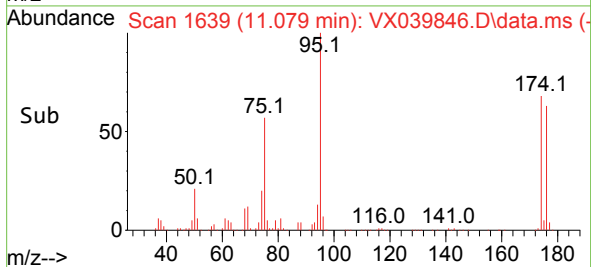
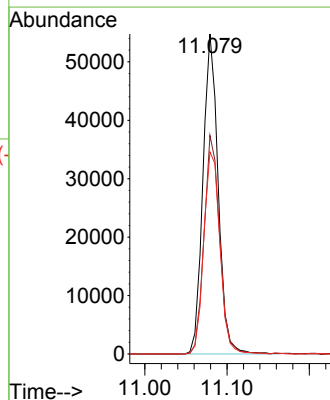
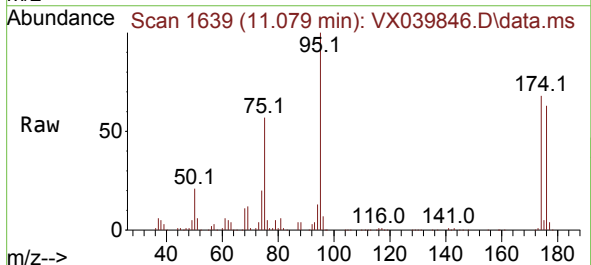
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-37-40

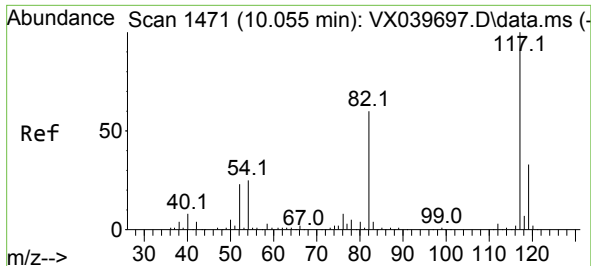
Tgt Ion: 98 Resp: 182887
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.884 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039846.D
Acq: 19 Jan 2024 17:52

Tgt Ion: 95 Resp: 70445
Ion Ratio Lower Upper
95 100
174 70.3 0.0 135.6
176 67.0 0.0 131.0

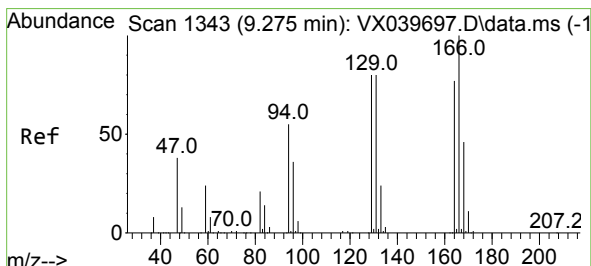
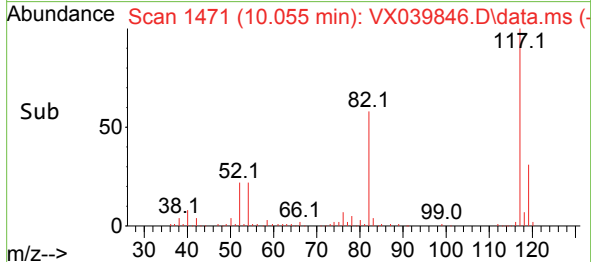
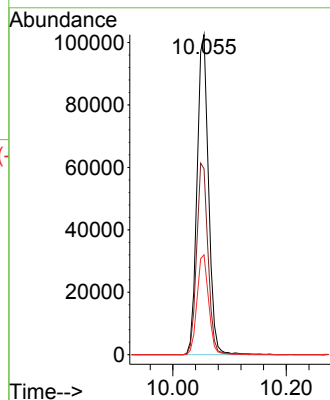
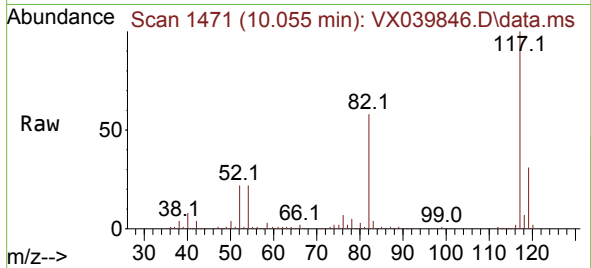




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039846.D
Acq: 19 Jan 2024 17:52

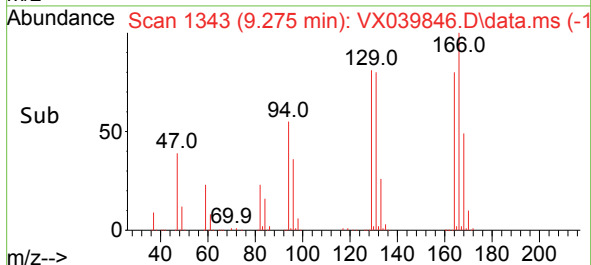
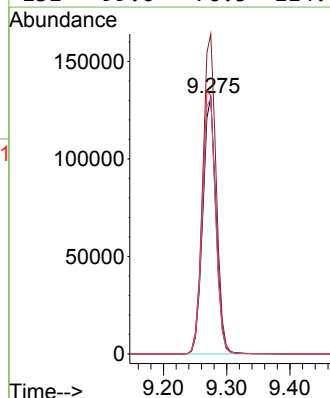
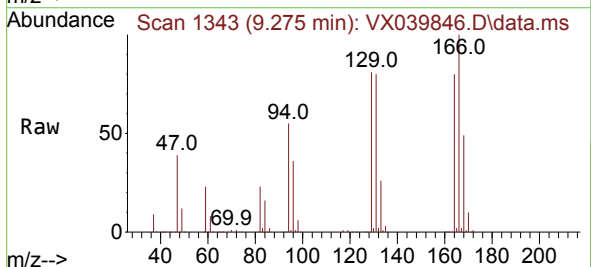
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-37-40

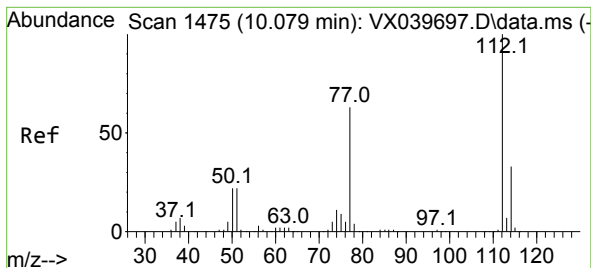
Tgt Ion:117 Resp: 143721
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 31.2 25.5 38.3



#64
Tetrachloroethene
Concen: 205.207 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039846.D
Acq: 19 Jan 2024 17:52

Tgt Ion:164 Resp: 191790
Ion Ratio Lower Upper
164 100
166 124.8 102.7 154.1
129 100.8 80.4 120.6
131 99.6 76.5 114.7





#65

Chlorobenzene

Concen: 10.052 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

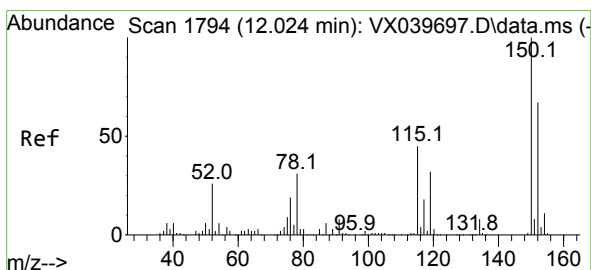
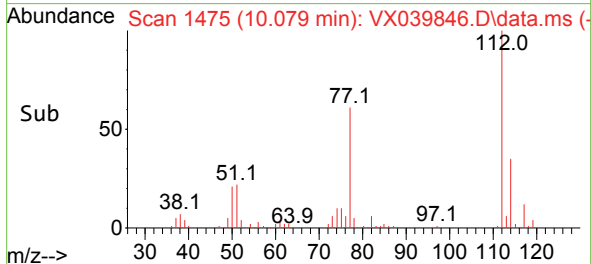
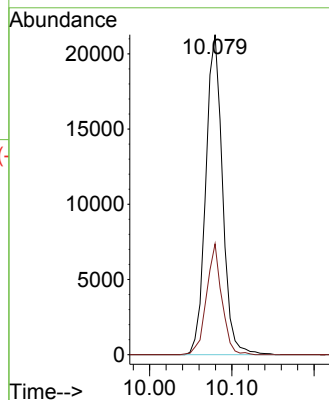
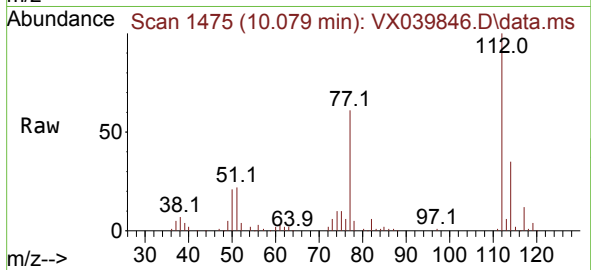
SUMOGW-5-37-40

Tgt Ion:112 Resp: 30090

Ion Ratio Lower Upper

112 100

114 34.6 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: VX039846.D

Acq: 19 Jan 2024 17:52

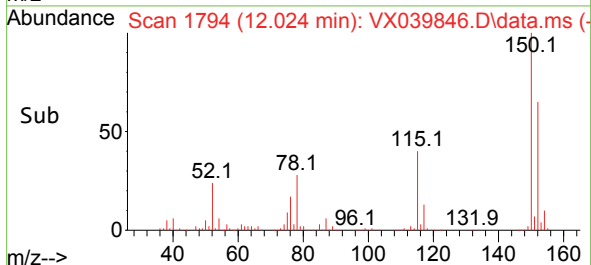
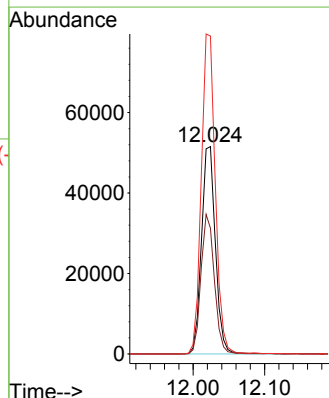
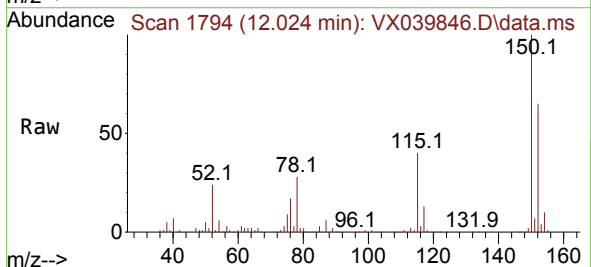
Tgt Ion:152 Resp: 69635

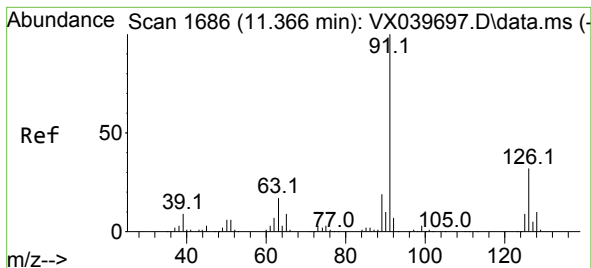
Ion Ratio Lower Upper

152 100

115 64.7 43.3 129.9

150 155.4 0.0 345.0





#79

2-Chlorotoluene

Concen: 0.243 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

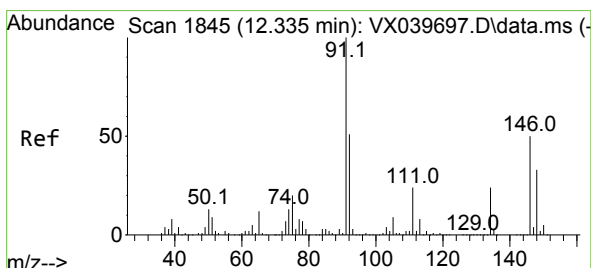
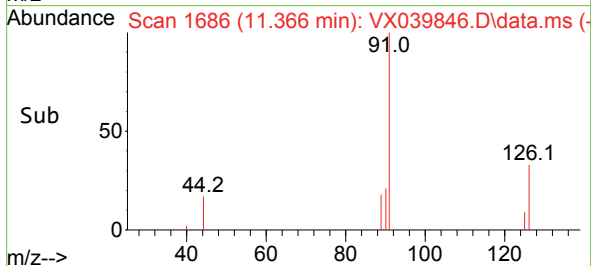
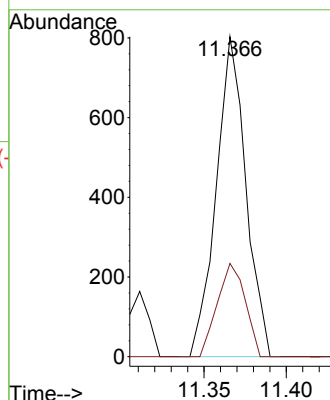
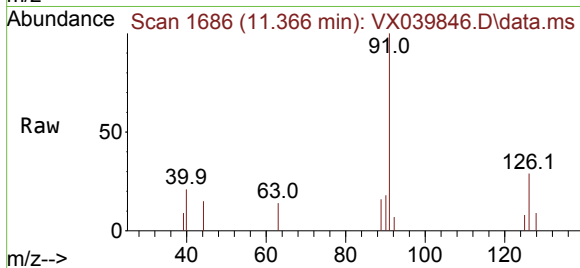
SUMOGW-5-37-40

Tgt Ion: 91 Resp: 1006

Ion Ratio Lower Upper

91 100

126 27.3 16.3 48.8



#91

1,2-Dichlorobenzene

Concen: 2.972 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039846.D

Acq: 19 Jan 2024 17:52

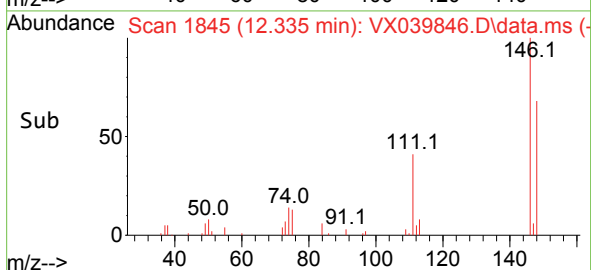
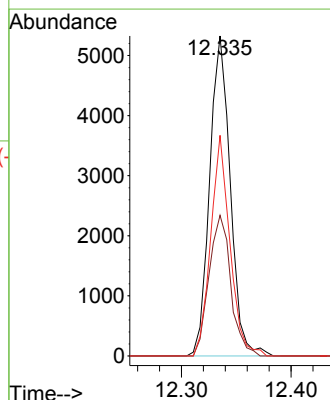
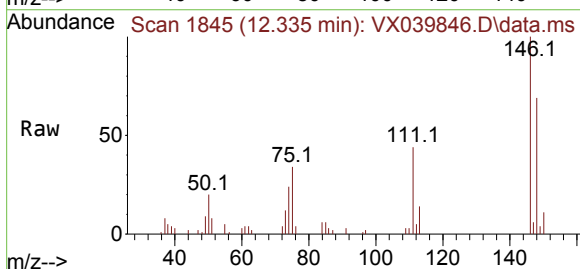
Tgt Ion: 146 Resp: 6952

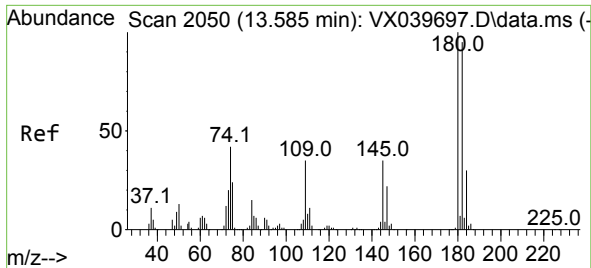
Ion Ratio Lower Upper

146 100

111 46.4 22.4 67.0

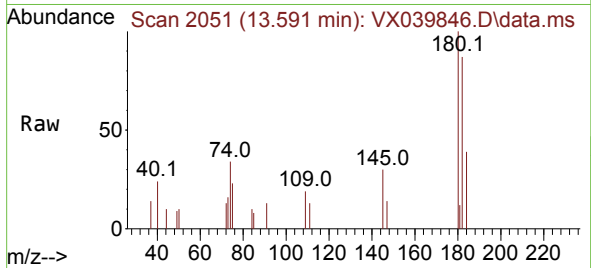
148 64.4 31.6 95.0





#93
 1,2,4-Trichlorobenzene
 Concen: 0.981 ug/l
 RT: 13.591 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX039846.D
 Acq: 19 Jan 2024 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-5-37-40



Tgt Ion:	180	Resp:	1402
Ion Ratio	Lower	Upper	
180	100		
182	94.2	48.3	144.8
145	38.4	18.0	54.0

