

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039842.D
 Acq On : 19 Jan 2024 16:22
 Operator : JC/MD
 Sample : P1184-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-4-37-40

Quant Time: Jan 20 00:28:01 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	85885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72981	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68134	47.358	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.385	113	51676	48.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	8.647	98	193471	48.314	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.620%
62) 4-Bromofluorobenzene	11.079	95	75138	47.983	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.960%

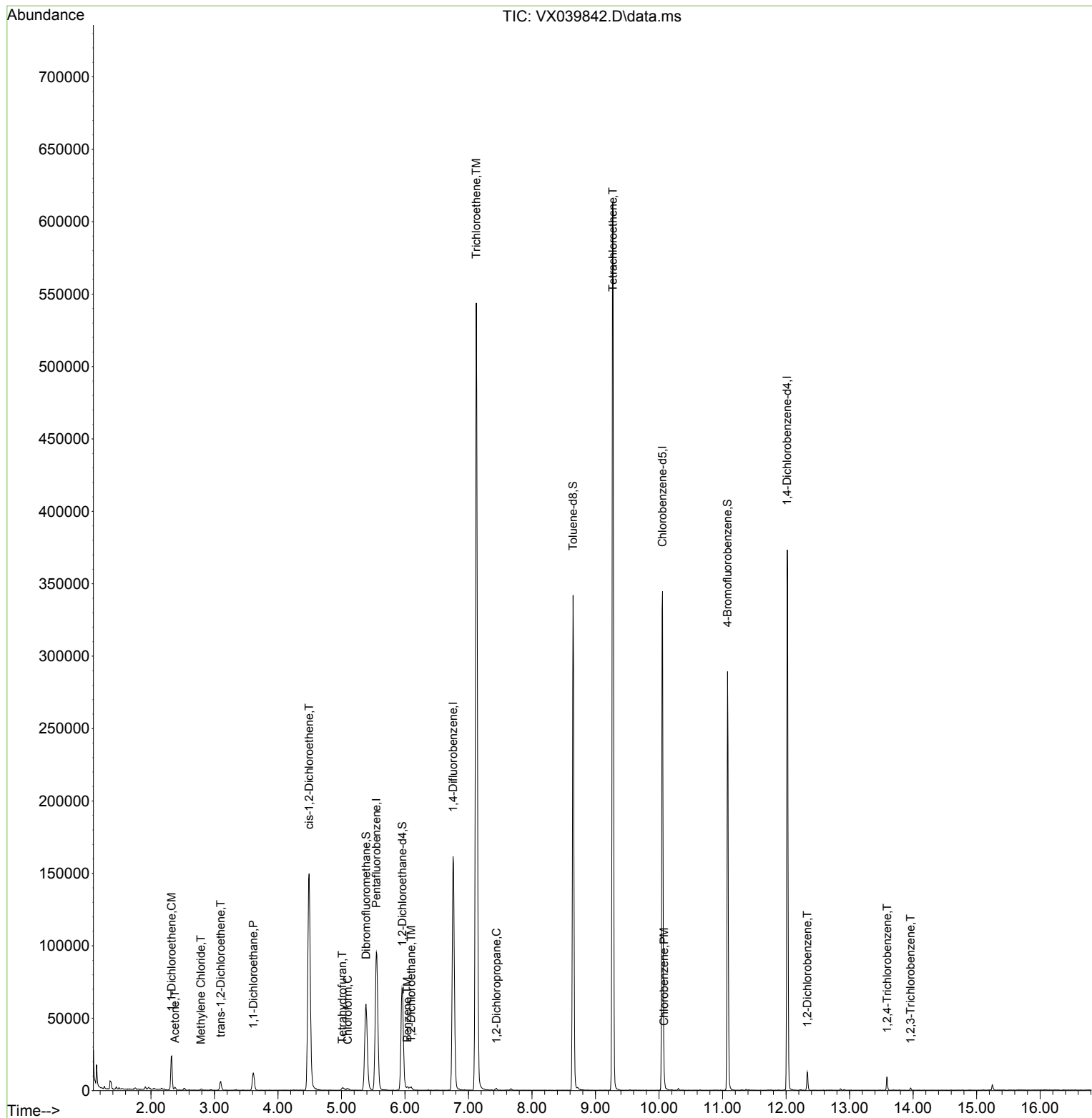
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.325	96	7638	7.389	ug/l	86
16) Acetone	2.379	43	2153	2.661	ug/l	92
20) Methylene Chloride	2.788	84	392	0.320	ug/l	84
21) trans-1,2-Dichloroethene	3.099	96	2322	2.135	ug/l	85
24) 1,1-Dichloroethane	3.611	63	13312	6.232	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	91131	73.042	ug/l	87
29) Tetrahydrofuran	5.013	42	1524	2.036	ug/l	93
30) Chloroform	5.099	83	1510	0.716	ug/l	97
40) Benzene	6.037	78	2391	0.511	ug/l	91
42) 1,2-Dichloroethane	6.098	62	2229	1.253	ug/l	97
44) Trichloroethene	7.123	130	187806	163.752	ug/l	97
45) 1,2-Dichloropropane	7.440	63	510	0.406	ug/l	93
64) Tetrachloroethene	9.275	164	105449	107.280	ug/l	98
65) Chlorobenzene	10.079	112	1808	0.574	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	3752	1.530	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	2110	1.408	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	529	0.350	ug/l	78

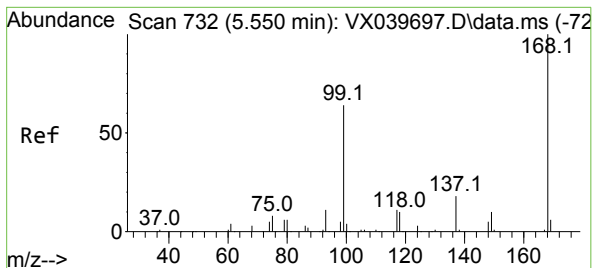
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX039842.D

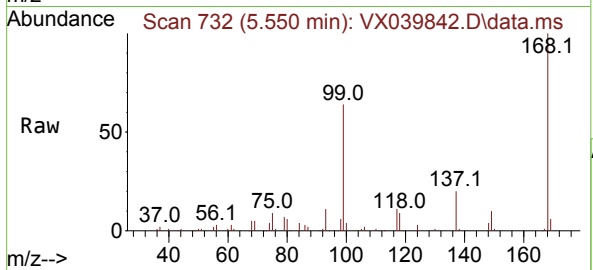
Acq: 19 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-4-37-40

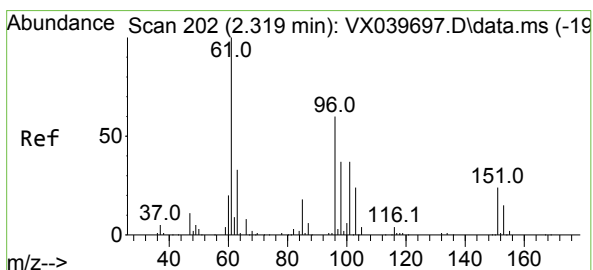
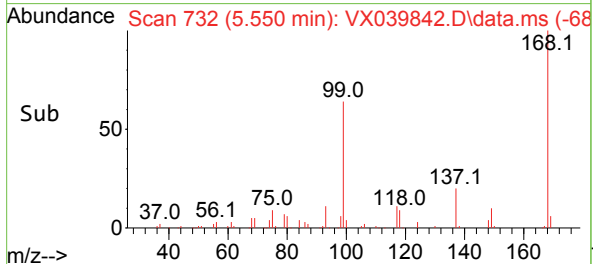
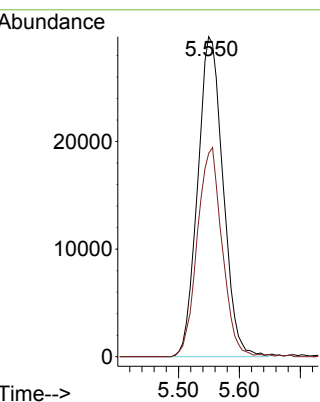


Tgt Ion:168 Resp: 85885

Ion Ratio Lower Upper

168 100

99 63.6 56.6 85.0



#12

1,1-Dichloroethene

Concen: 7.389 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX039842.D

Acq: 19 Jan 2024 16:22

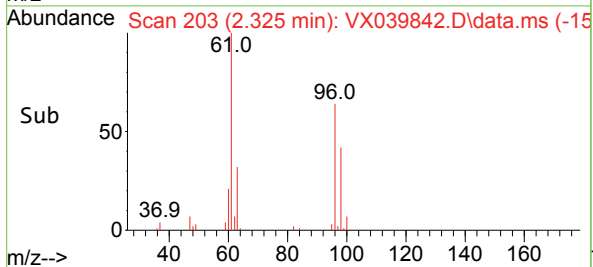
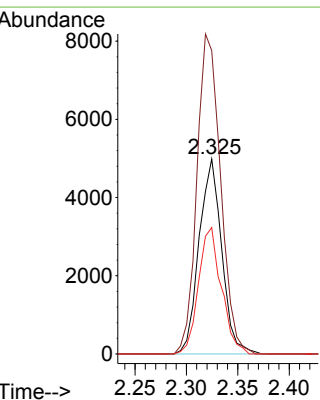
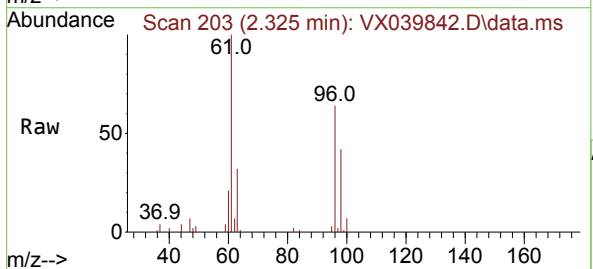
Tgt Ion: 96 Resp: 7638

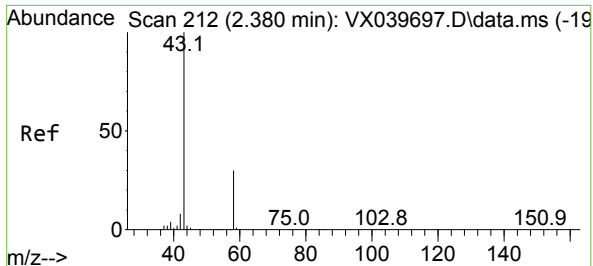
Ion Ratio Lower Upper

96 100

61 155.5 144.6 216.8

98 64.8 50.4 75.6





#16

Acetone

Concen: 2.661 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX039842.D

Acq: 19 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

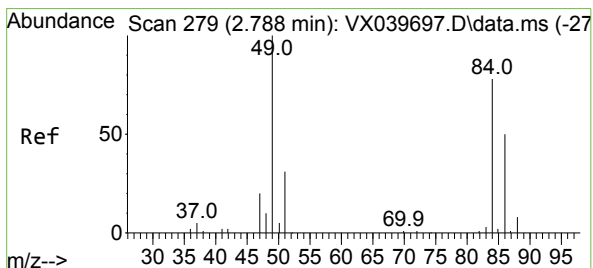
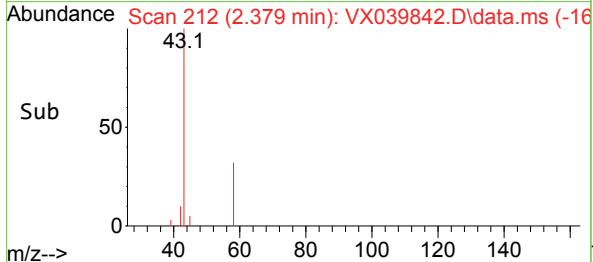
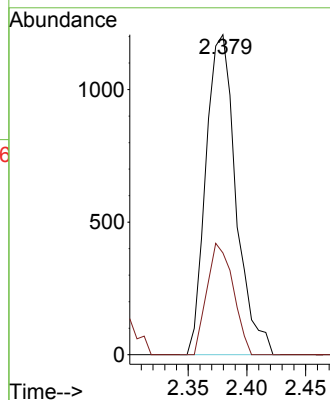
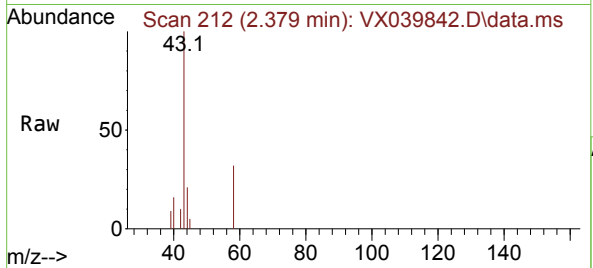
SUMOGW-4-37-40

Tgt Ion: 43 Resp: 2153

Ion Ratio Lower Upper

43 100

58 31.8 21.9 32.9



#20

Methylene Chloride

Concen: 0.320 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX039842.D

Acq: 19 Jan 2024 16:22

Tgt Ion: 84 Resp: 392

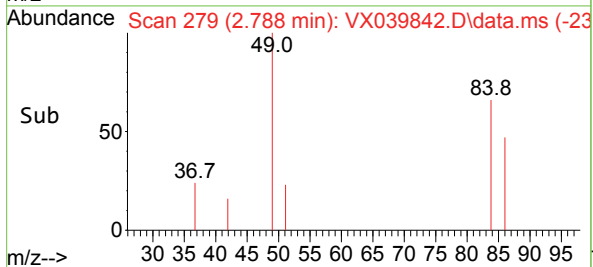
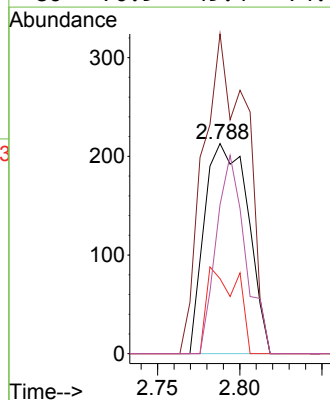
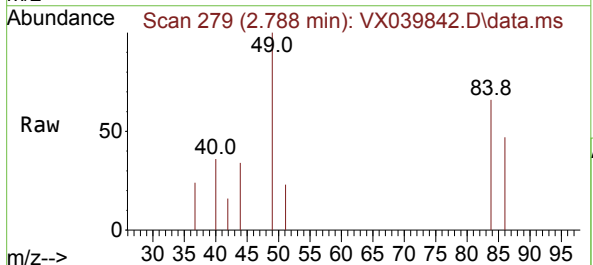
Ion Ratio Lower Upper

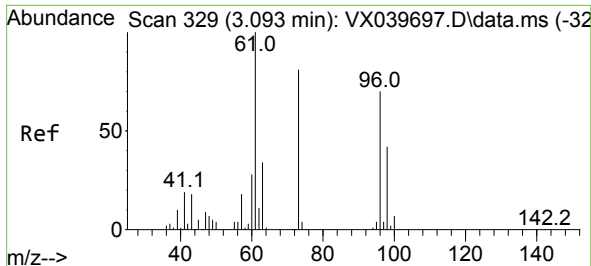
84 100

49 152.1 103.6 155.4

51 35.7 33.8 50.6

86 70.9 49.4 74.0

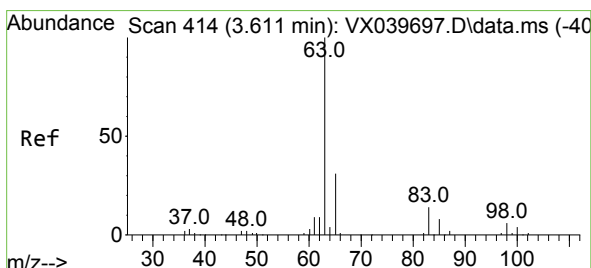
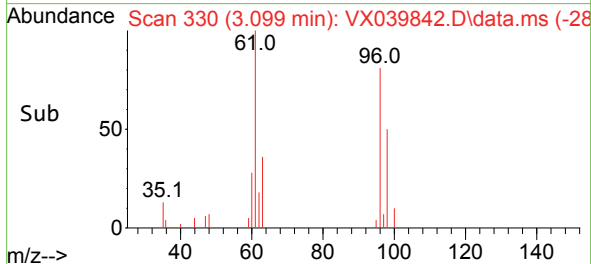
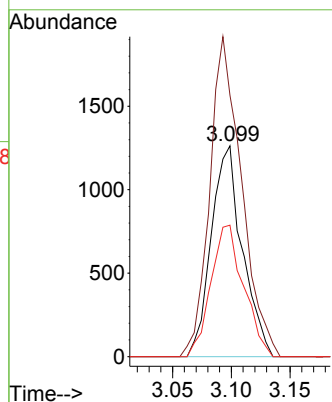
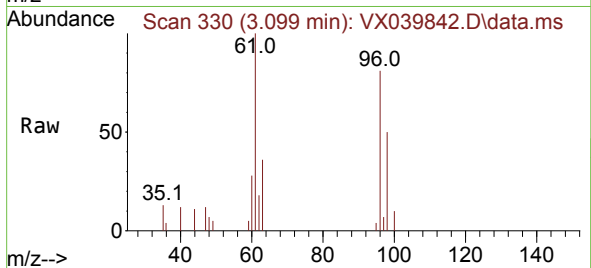




#21
trans-1,2-Dichloroethene
Concen: 2.135 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

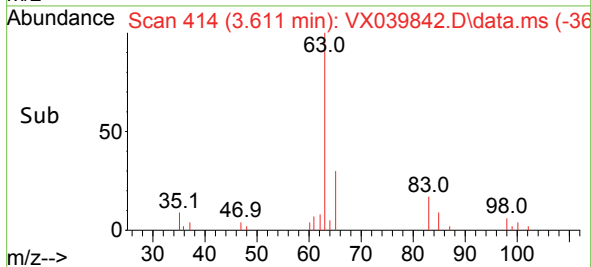
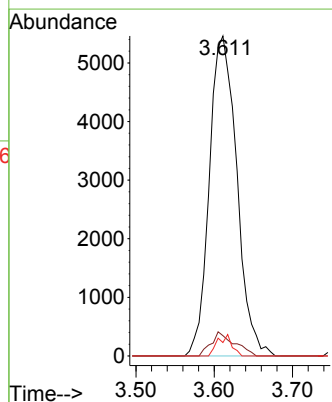
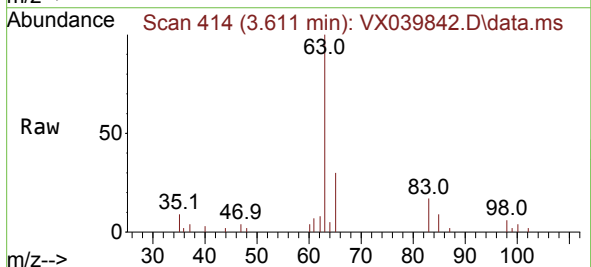
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-37-40

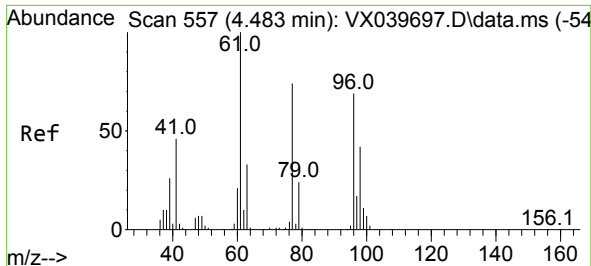
Tgt Ion: 96 Resp: 2322
Ion Ratio Lower Upper
96 100
61 124.0 119.2 178.8
98 62.4 48.7 73.1



#24
1,1-Dichloroethane
Concen: 6.232 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

Tgt Ion: 63 Resp: 13312
Ion Ratio Lower Upper
63 100
98 6.4 3.3 9.8
100 4.2 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 73.042 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039842.D

Acq: 19 Jan 2024 16:22

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-4-37-40

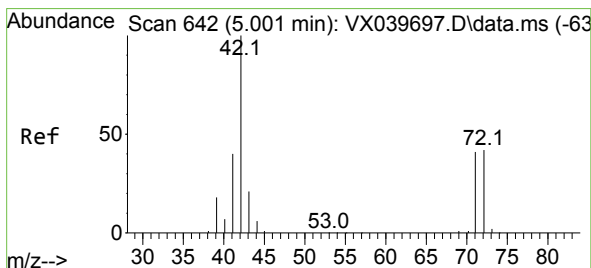
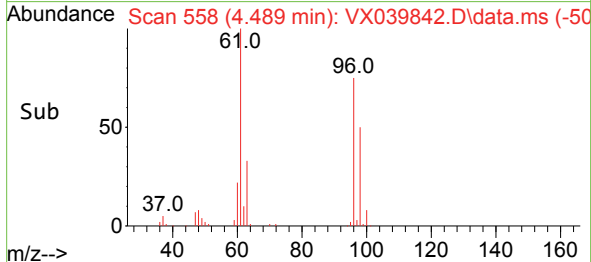
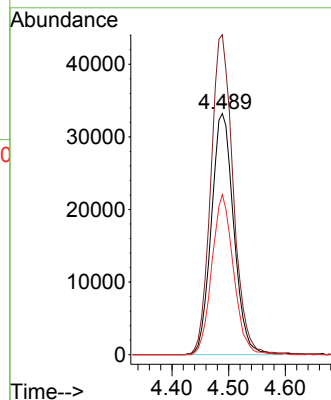
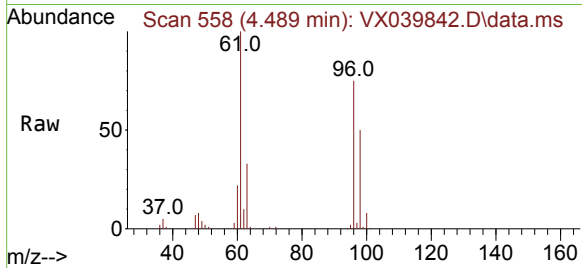
Tgt Ion: 96 Resp: 91131

Ion Ratio Lower Upper

96 100

61 132.8 0.0 312.2

98 64.2 0.0 129.0



#29

Tetrahydrofuran

Concen: 2.036 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX039842.D

Acq: 19 Jan 2024 16:22

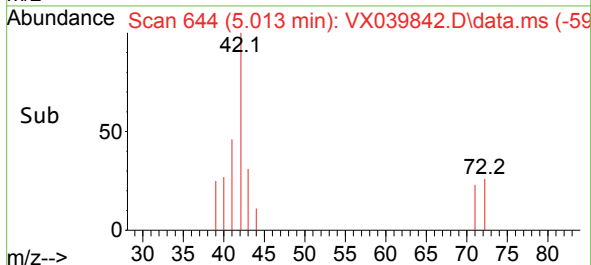
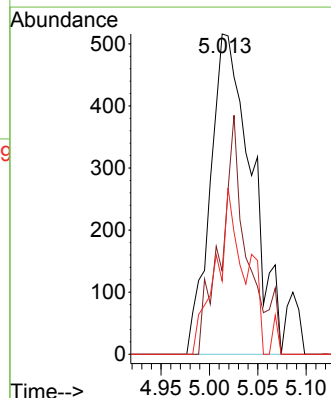
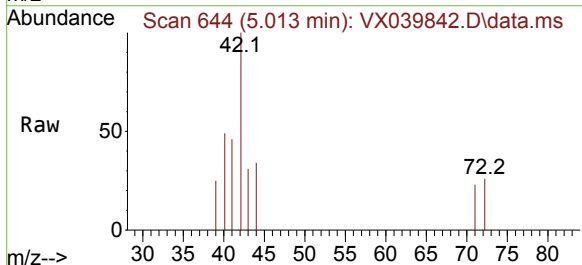
Tgt Ion: 42 Resp: 1524

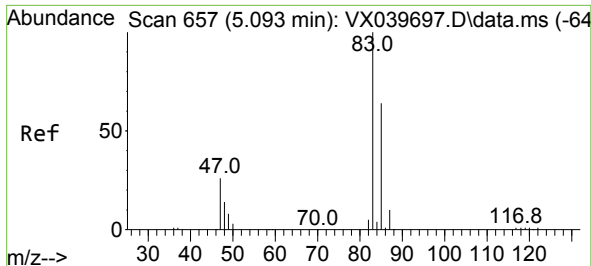
Ion Ratio Lower Upper

42 100

72 48.6 34.2 51.4

71 37.2 32.2 48.2

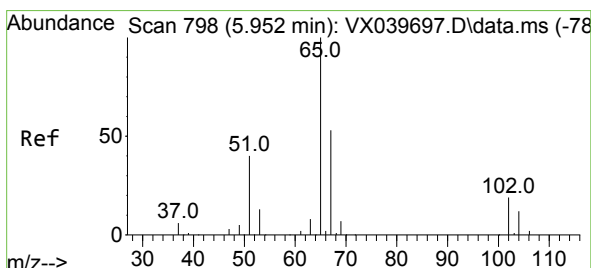
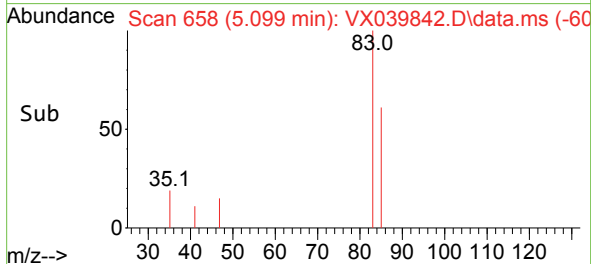
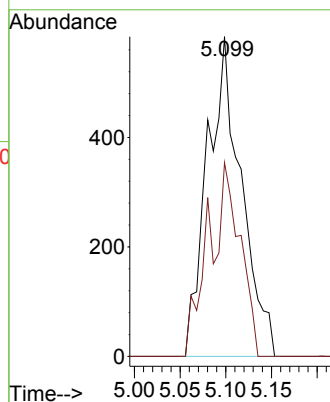
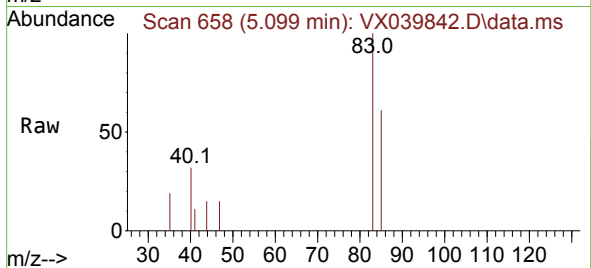




#30
Chloroform
Concen: 0.716 ug/l
RT: 5.099 min Scan# 610
Delta R.T. 0.006 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

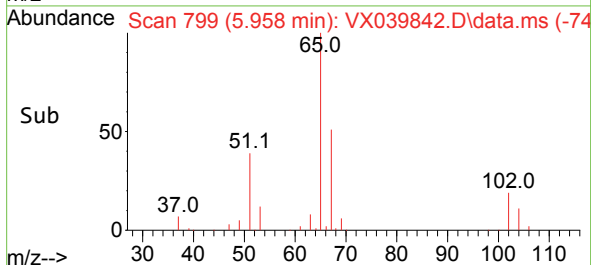
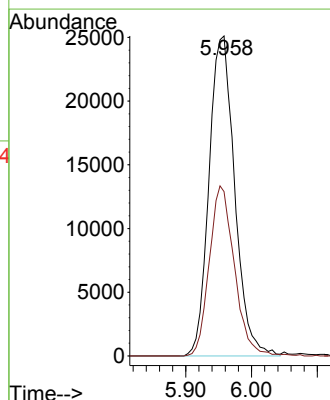
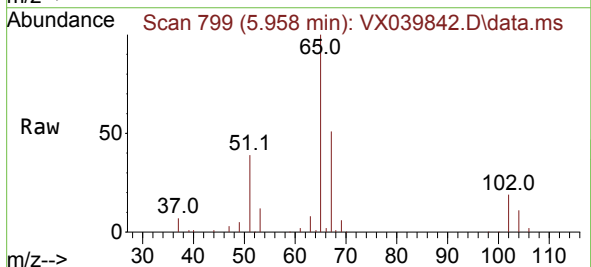
Instrument :
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SUMOGW-4-37-40

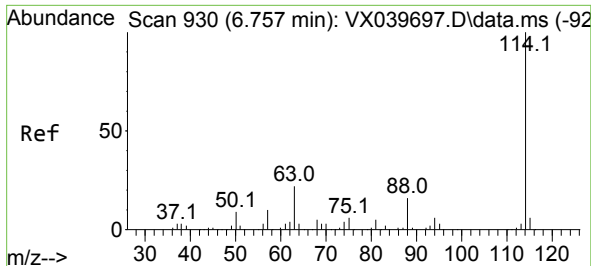
Tgt Ion: 83 Resp: 1510
Ion Ratio Lower Upper
83 100
85 60.6 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 47.358 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

Tgt Ion: 65 Resp: 68134
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

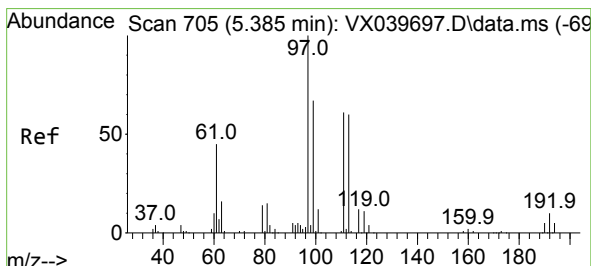
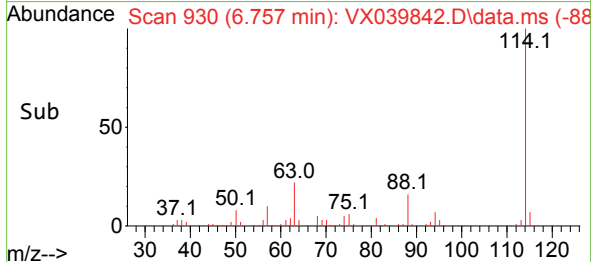
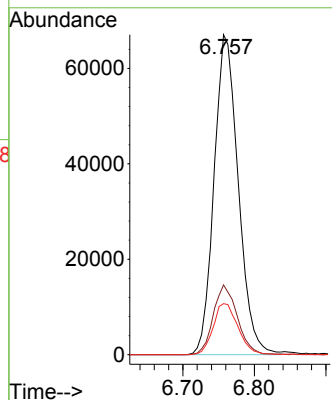
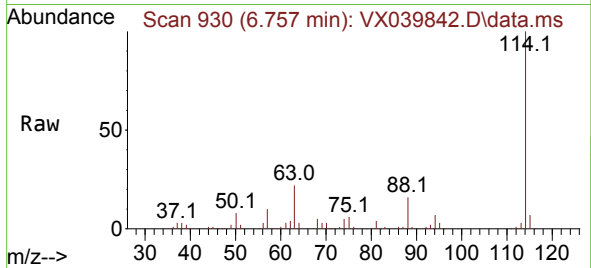




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

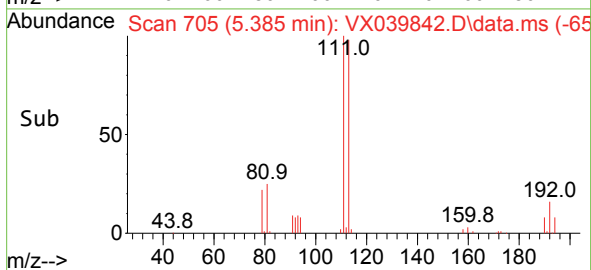
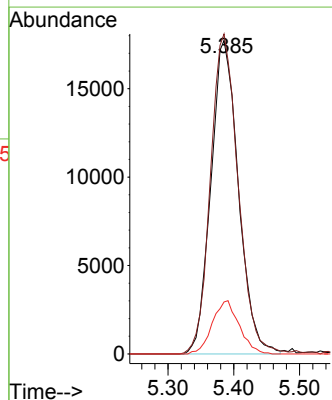
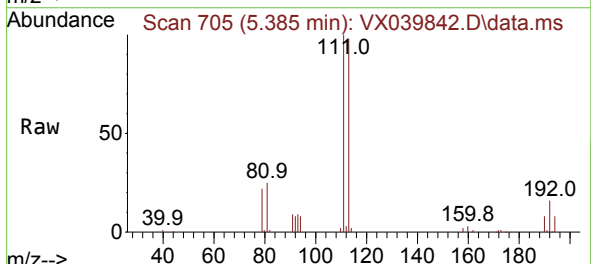
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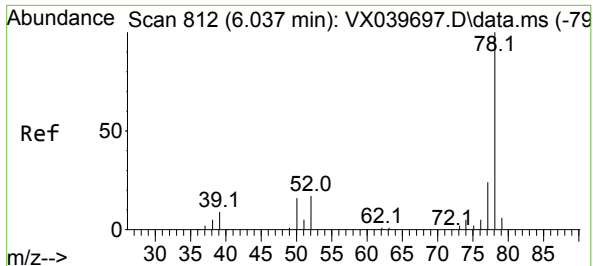
Tgt Ion:114 Resp: 157636
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.671 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

Tgt Ion:113 Resp: 51676
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.6 13.3 19.9

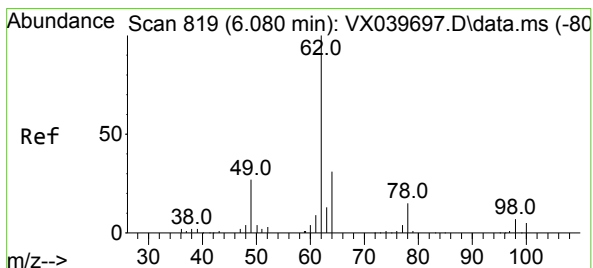
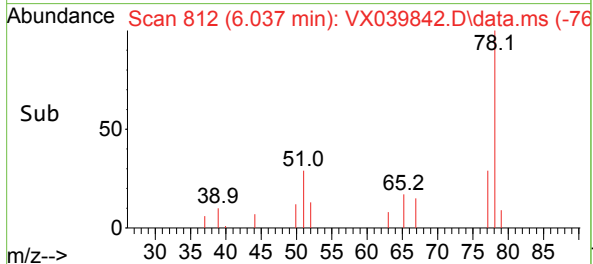
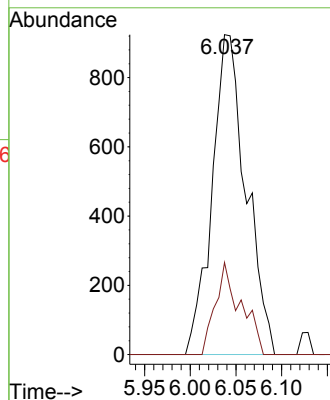
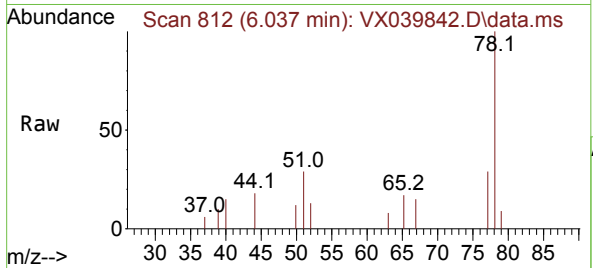




#40
Benzene
Concen: 0.511 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

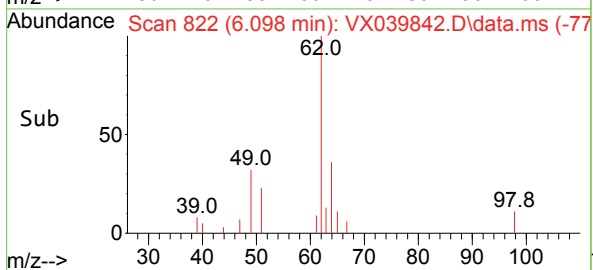
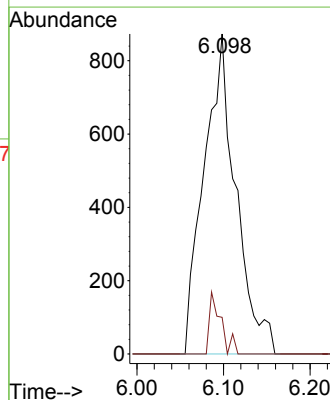
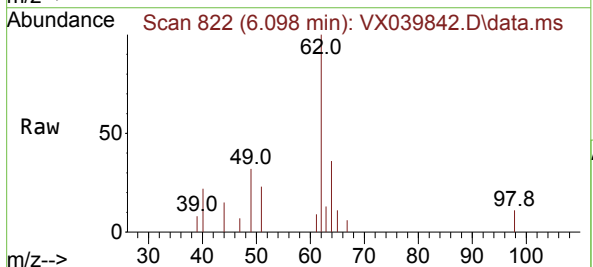
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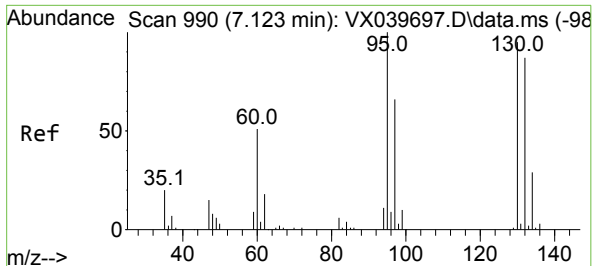
Tgt Ion: 78 Resp: 2391
Ion Ratio Lower Upper
78 100
77 28.8 19.3 28.9



#42
1,2-Dichloroethane
Concen: 1.253 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.018 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

Tgt Ion: 62 Resp: 2229
Ion Ratio Lower Upper
62 100
98 7.0 0.0 16.0

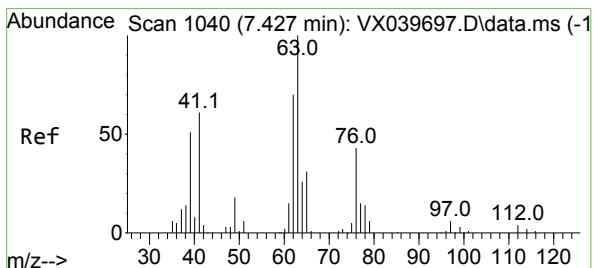
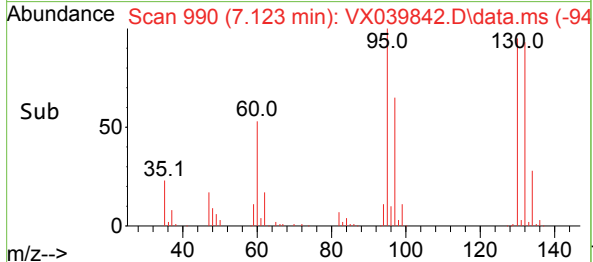
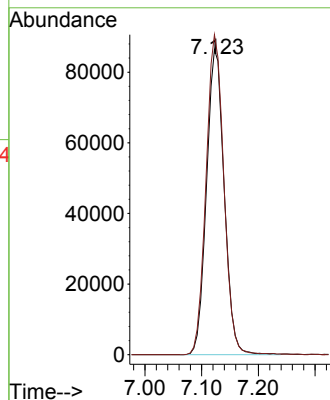
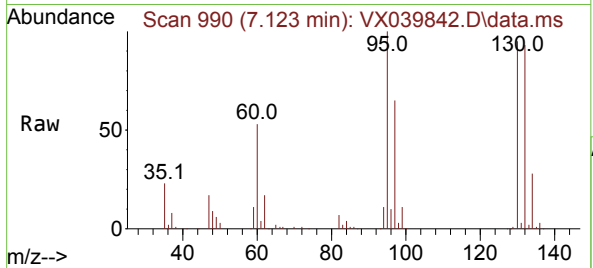




#44
Trichloroethene
Concen: 163.752 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

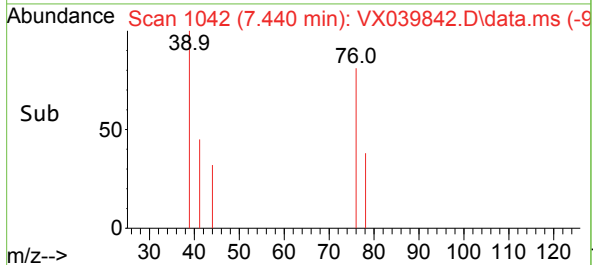
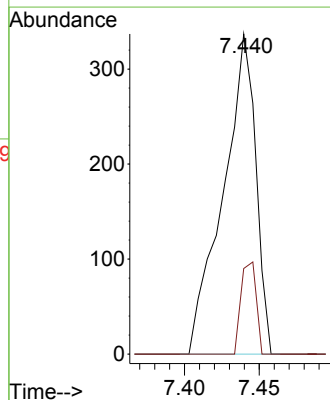
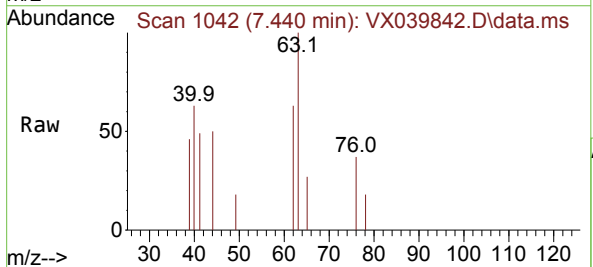
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-37-40

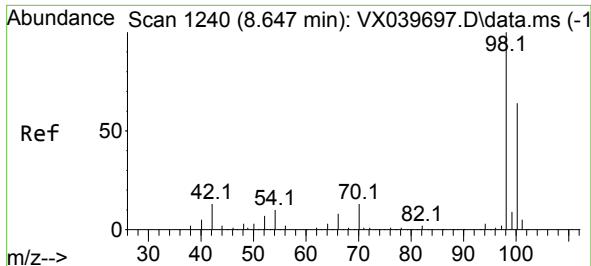
Tgt Ion:130 Resp: 187806
Ion Ratio Lower Upper
130 100
95 104.9 0.0 204.4



#45
1,2-Dichloropropane
Concen: 0.406 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

Tgt Ion: 63 Resp: 510
Ion Ratio Lower Upper
63 100
65 26.7 24.3 36.5

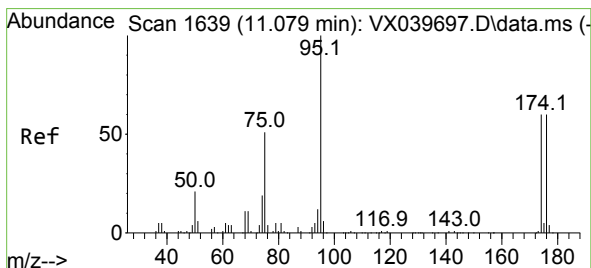
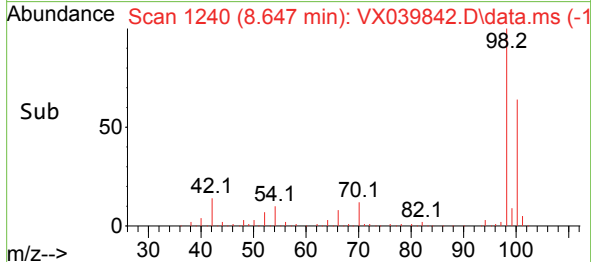
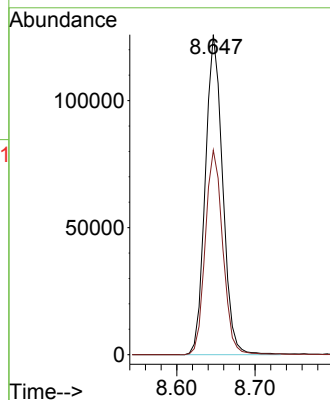
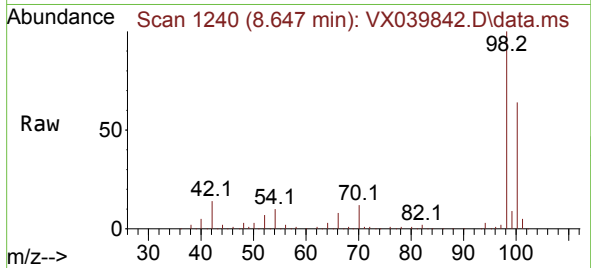




#50
Toluene-d8
Concen: 48.314 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

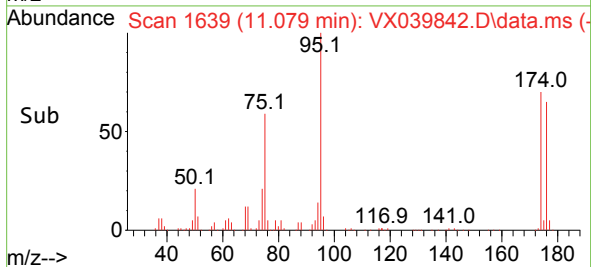
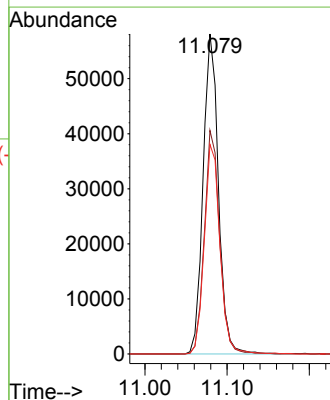
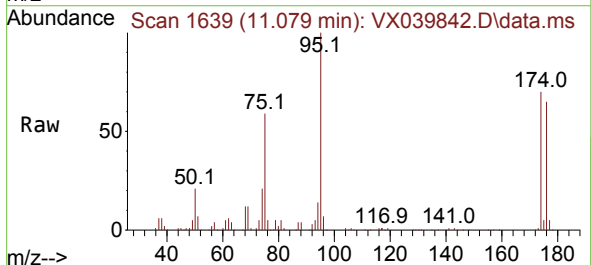
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-37-40

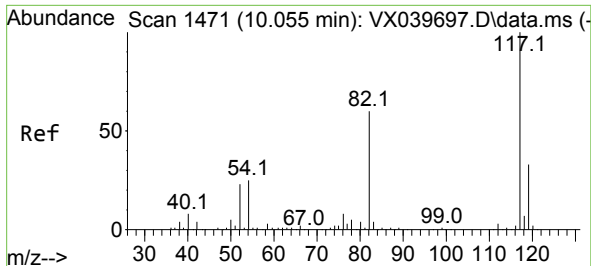
Tgt Ion: 98 Resp: 193471
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

Tgt Ion: 95 Resp: 75138
Ion Ratio Lower Upper
95 100
174 69.9 0.0 135.6
176 66.8 0.0 131.0

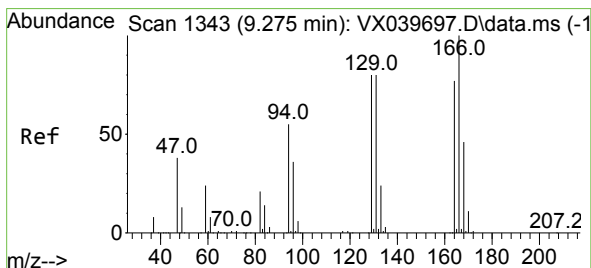
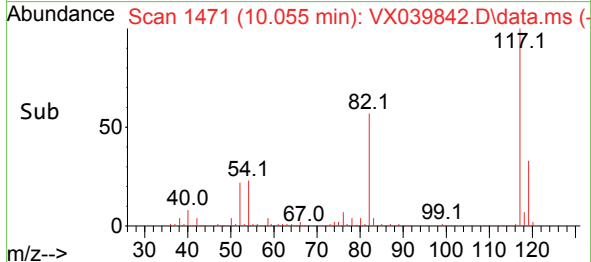
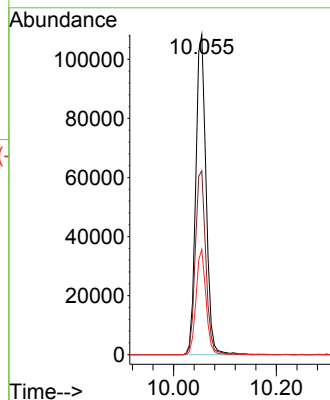
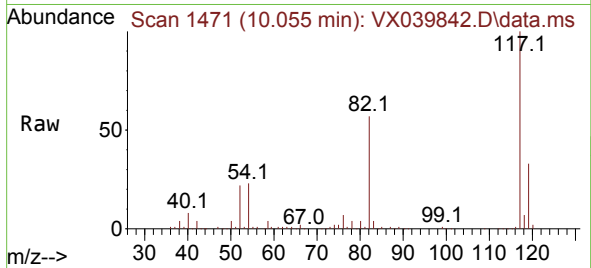




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

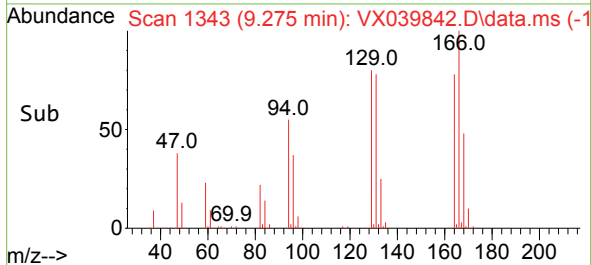
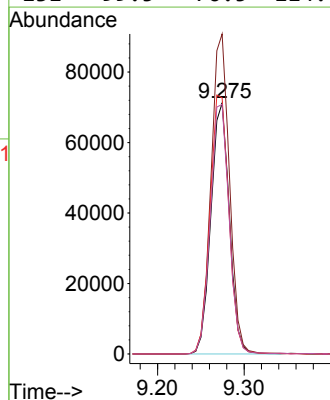
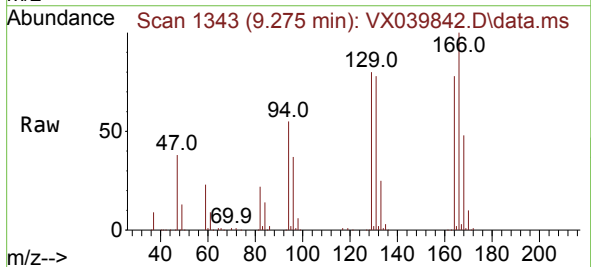
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-37-40

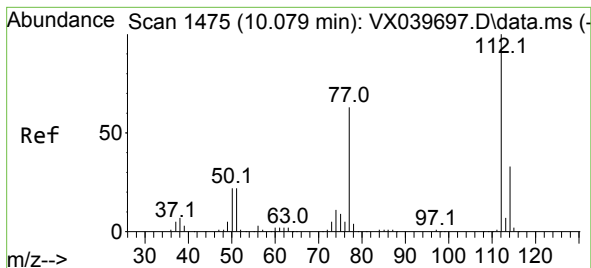
Tgt Ion:117 Resp: 151150
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 107.280 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

Tgt Ion:164 Resp: 105449
Ion Ratio Lower Upper
164 100
166 127.5 102.7 154.1
129 102.1 80.4 120.6
131 99.5 76.5 114.7

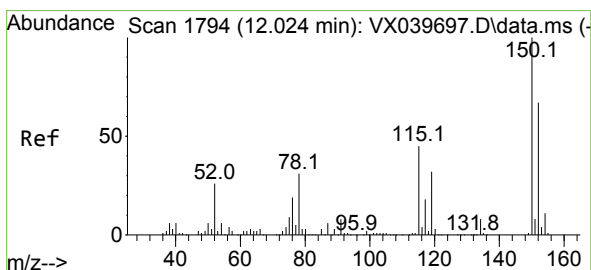
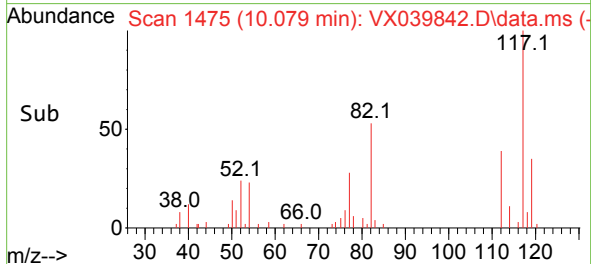
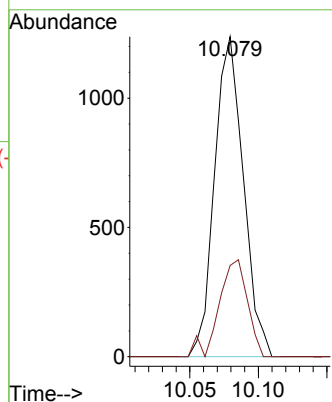
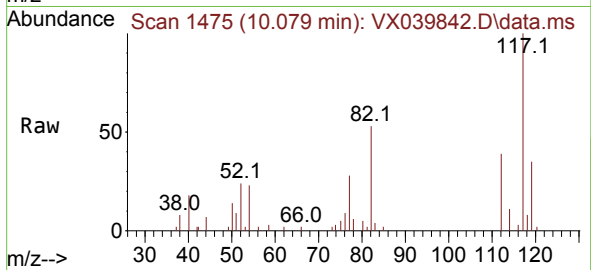




#65
Chlorobenzene
Concen: 0.574 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

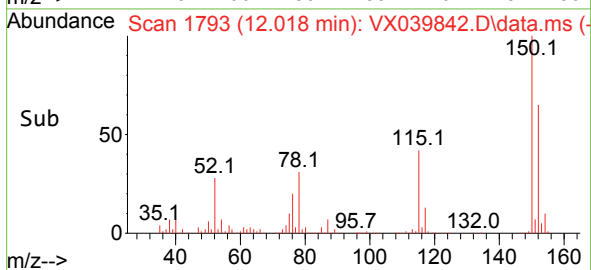
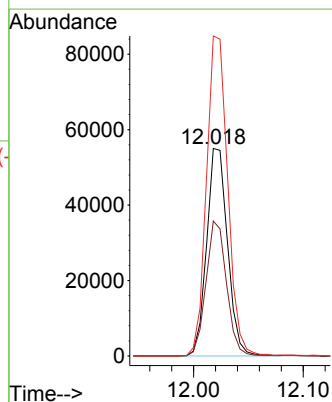
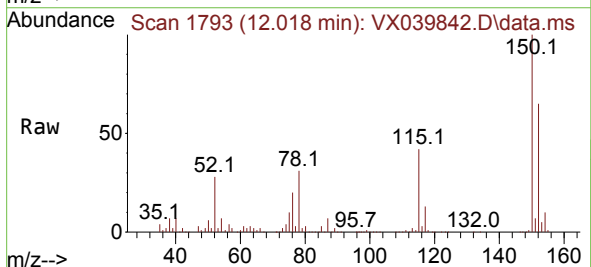
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-37-40

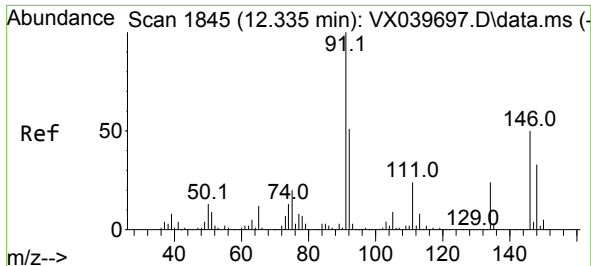
Tgt Ion:112 Resp: 1808
Ion Ratio Lower Upper
112 100
114 28.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

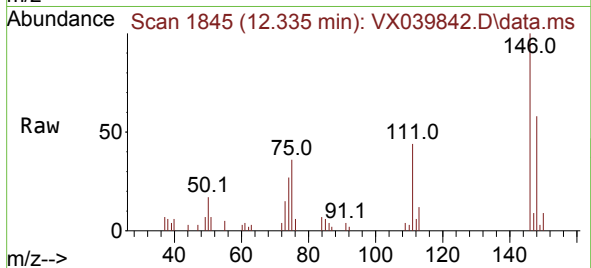
Tgt Ion:152 Resp: 72981
Ion Ratio Lower Upper
152 100
115 63.8 43.3 129.9
150 156.7 0.0 345.0



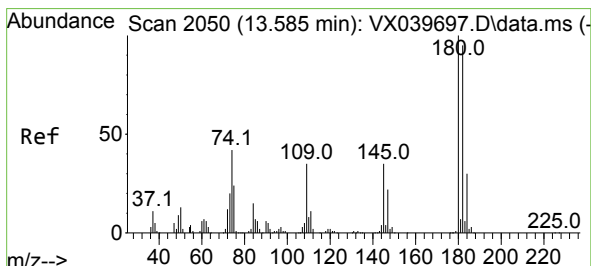
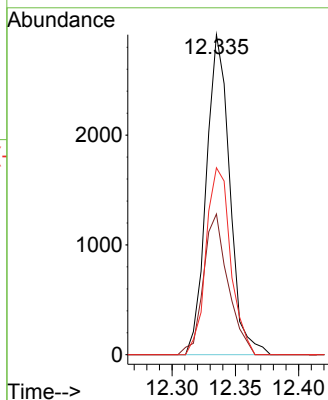
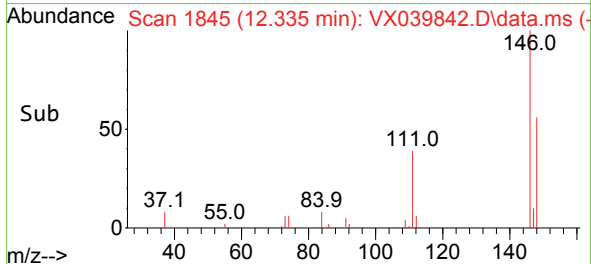


#91
1,2-Dichlorobenzene
Concen: 1.530 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-4-37-40

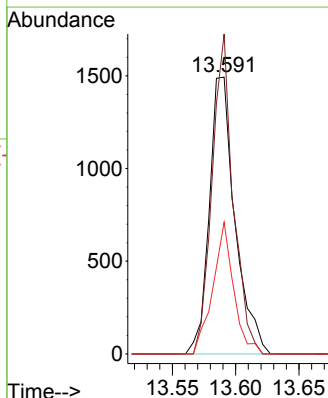
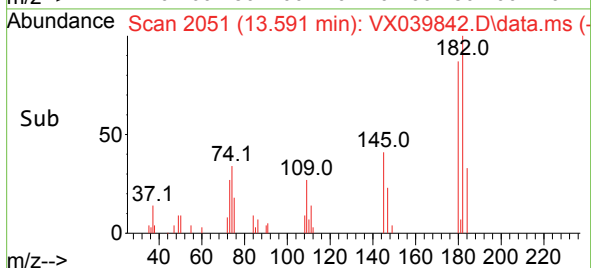
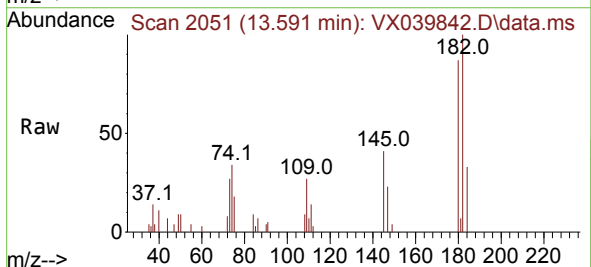


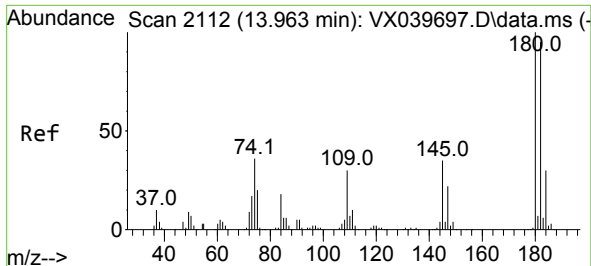
Tgt Ion:146 Resp: 3752
Ion Ratio Lower Upper
146 100
111 46.3 22.4 67.0
148 61.4 31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 1.408 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039842.D
Acq: 19 Jan 2024 16:22

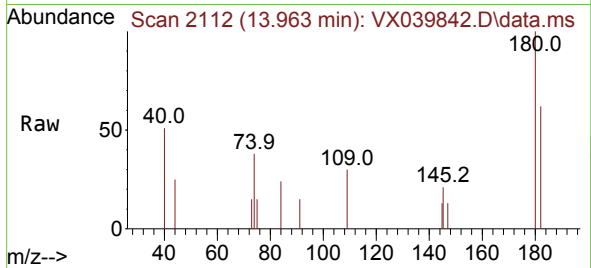
Tgt Ion:180 Resp: 2110
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.8
145 38.4 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.350 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX039842.D
 Acq: 19 Jan 2024 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMOGW-4-37-40



Tgt Ion:180	Resp:	529
Ion	Ratio	Lower Upper
180	100	
182	70.3	46.9 140.6
145	26.5	17.8 53.5

