

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039875.D
 Acq On : 22 Jan 2024 11:59
 Operator : JC/MD
 Sample : P1184-15DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jan 23 00:14:34 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)

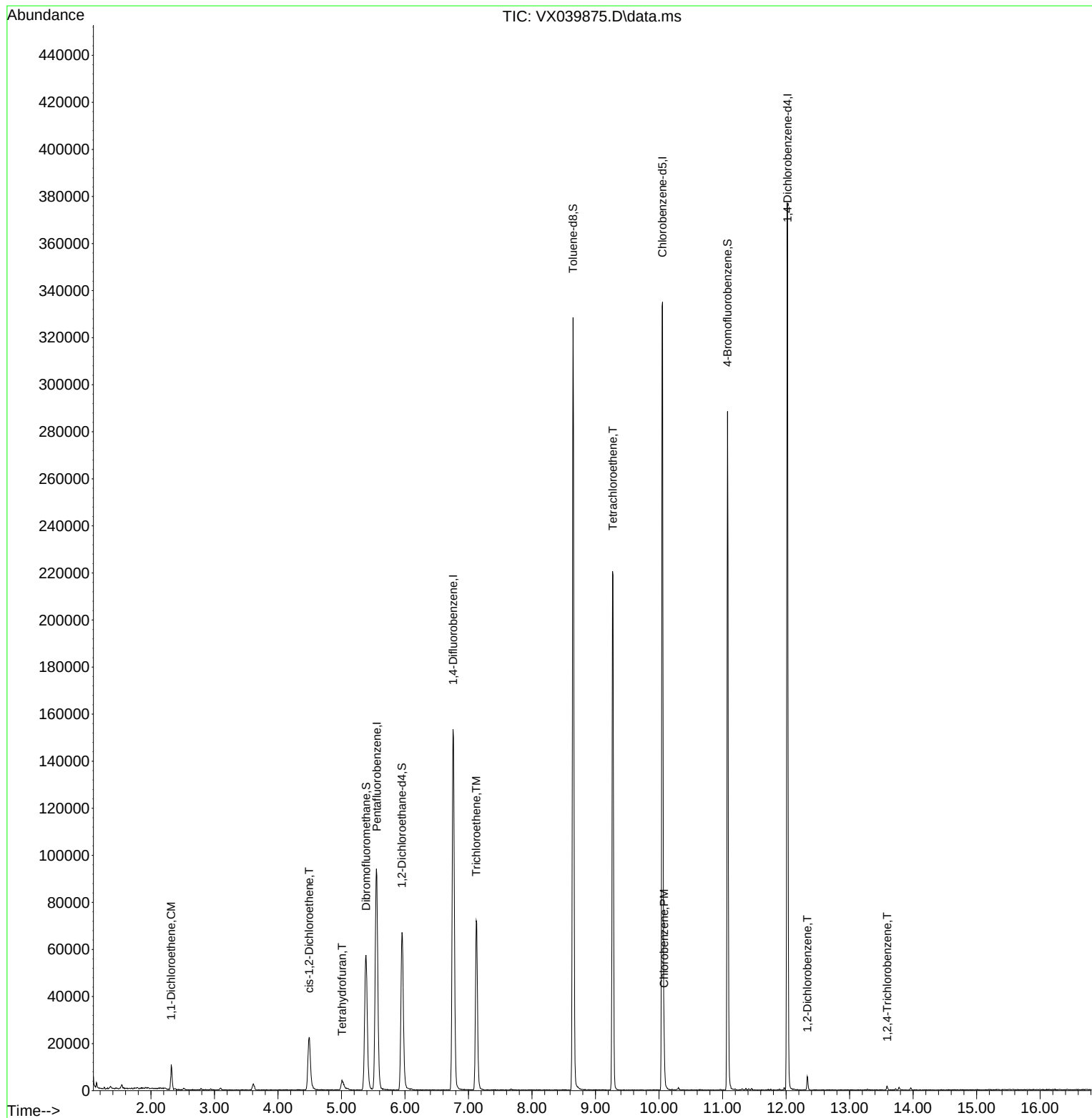
Internal Standards						
1) Pentafluorobenzene	5.556	168	83952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65486	46.566	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.140%
35) Dibromofluoromethane	5.385	113	50220	48.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	8.647	98	188534	48.548	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.079	95	75126	49.470	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.940%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	3269	3.235	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	14137	11.592	ug/l	89
29) Tetrahydrofuran	5.007	42	3709	5.070	ug/l	97
44) Trichloroethene	7.123	130	27336	24.577	ug/l	98
64) Tetrachloroethene	9.275	164	38032	40.044	ug/l	97
65) Chlorobenzene	10.079	112	5877	1.932	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	1586	0.650	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	604	0.405	ug/l	99

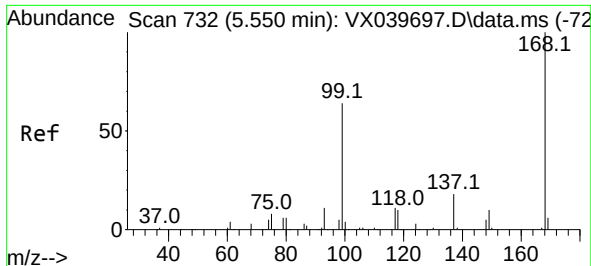
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SUMOGW-5-37-40DL

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

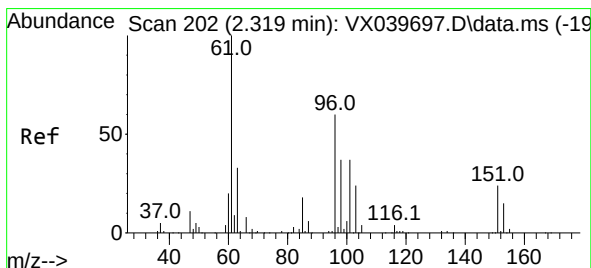
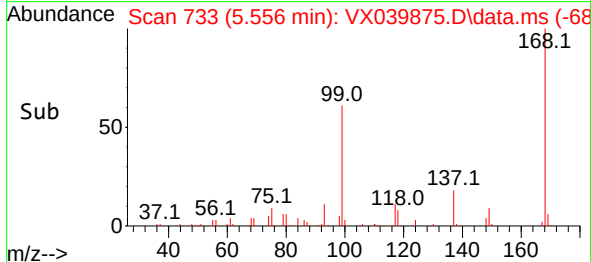
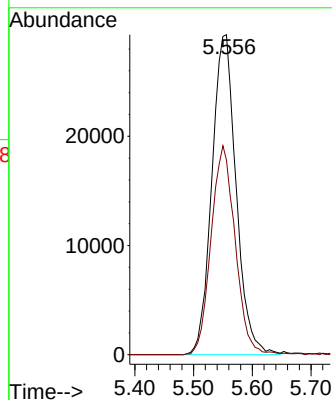
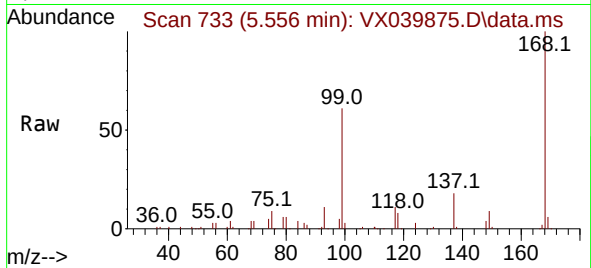




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039875.D
Acq: 22 Jan 2024 11:59

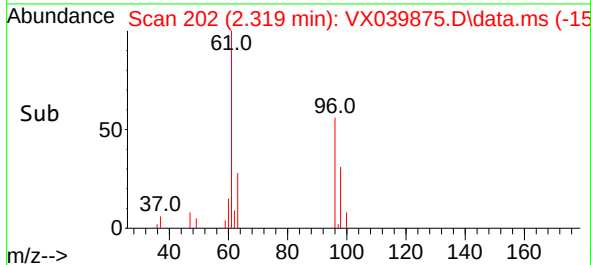
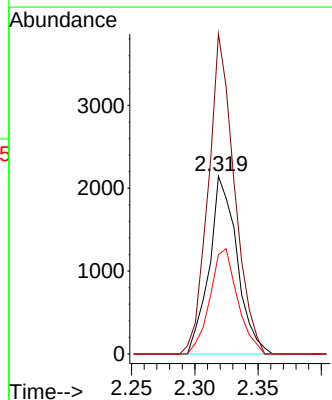
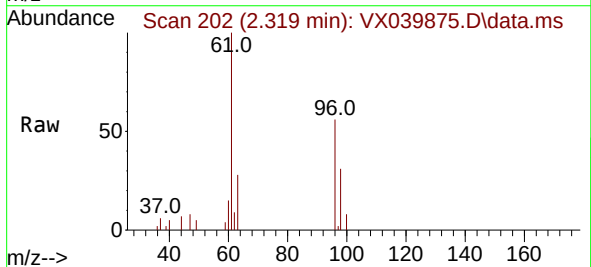
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-37-40DL

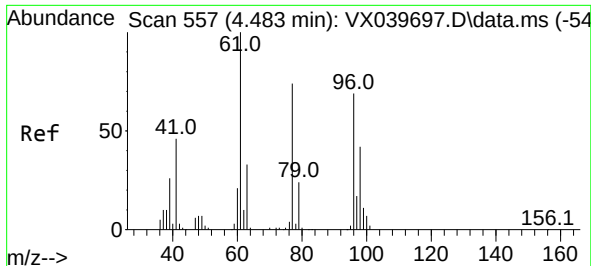
Tgt Ion:168 Resp: 83952
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#12
1,1-Dichloroethene
Concen: 3.235 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039875.D
Acq: 22 Jan 2024 11:59

Tgt Ion: 96 Resp: 3269
Ion Ratio Lower Upper
96 100
61 180.1 144.6 216.8
98 55.9 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 11.592 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039875.D

Acq: 22 Jan 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-5-37-40DL

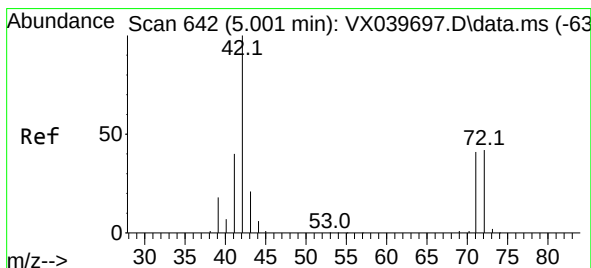
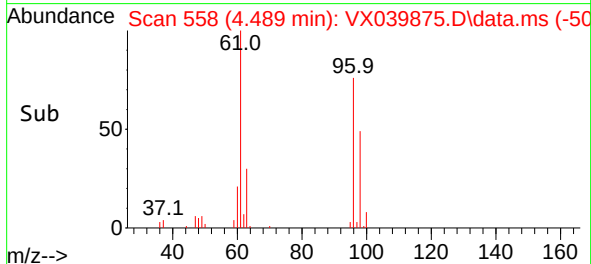
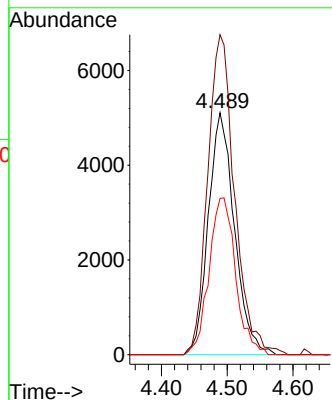
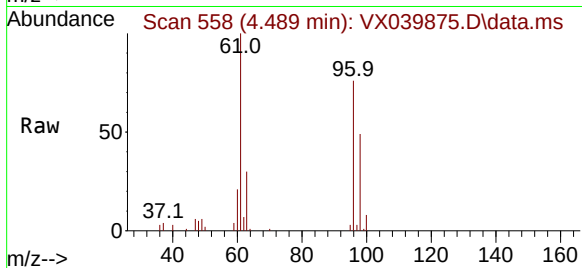
Tgt Ion: 96 Resp: 14137

Ion Ratio Lower Upper

96 100

61 135.8 0.0 312.2

98 65.7 0.0 129.0



#29

Tetrahydrofuran

Concen: 5.070 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX039875.D

Acq: 22 Jan 2024 11:59

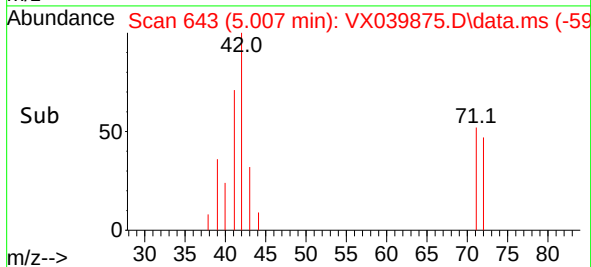
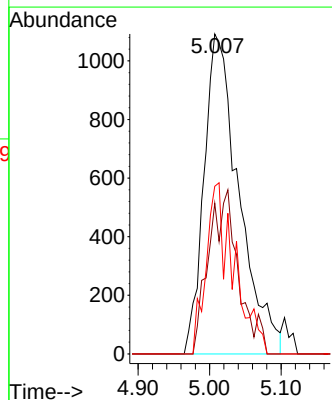
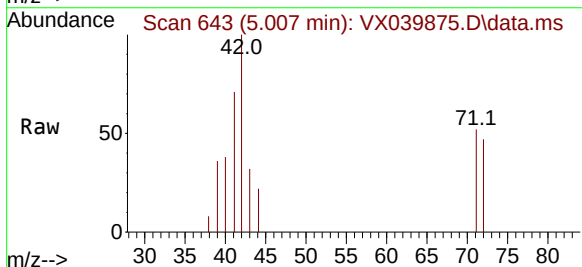
Tgt Ion: 42 Resp: 3709

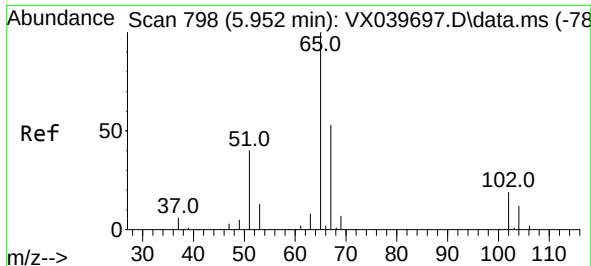
Ion Ratio Lower Upper

42 100

72 43.8 34.2 51.4

71 42.5 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 46.566 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039875.D

Acq: 22 Jan 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

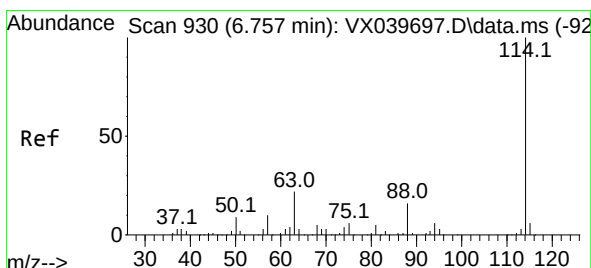
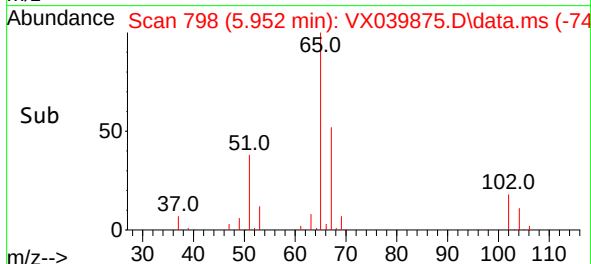
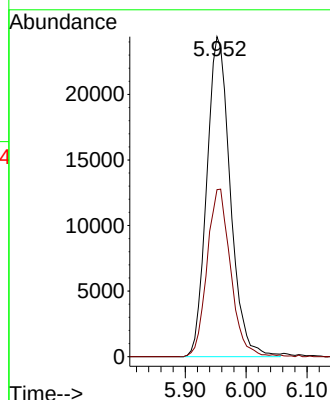
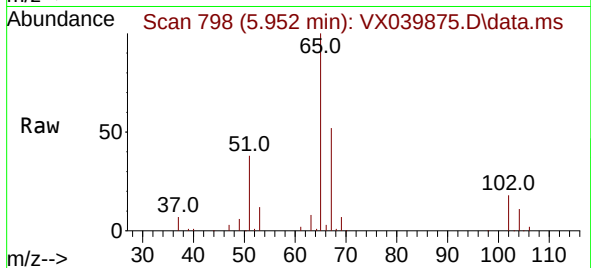
SUMOGW-5-37-40DL

Tgt Ion: 65 Resp: 65486

Ion Ratio Lower Upper

65 100

67 52.2 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: VX039875.D

Acq: 22 Jan 2024 11:59

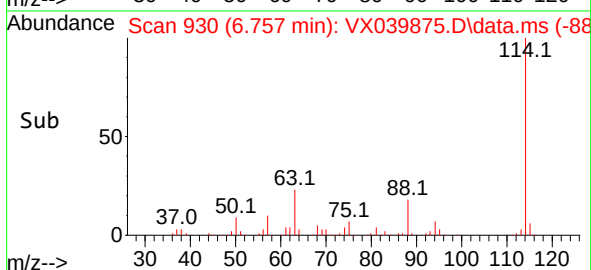
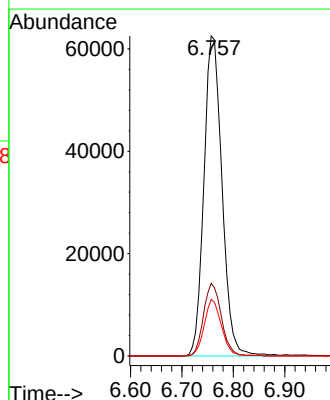
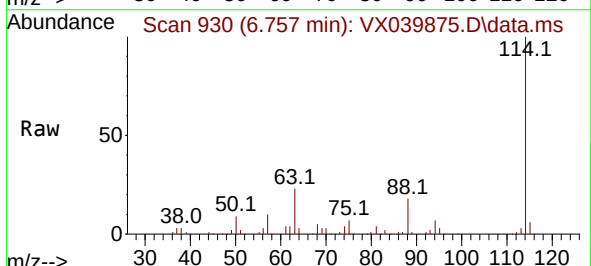
Tgt Ion: 114 Resp: 152874

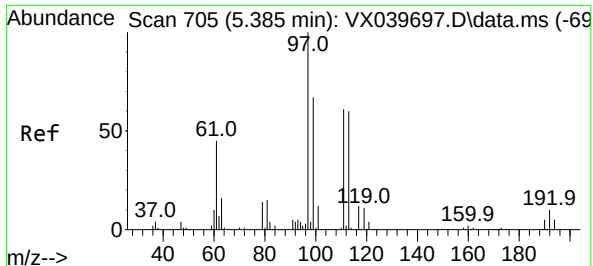
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 17.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.773 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039875.D

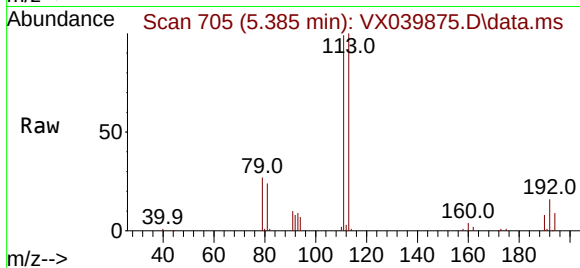
Acq: 22 Jan 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-5-37-40DL



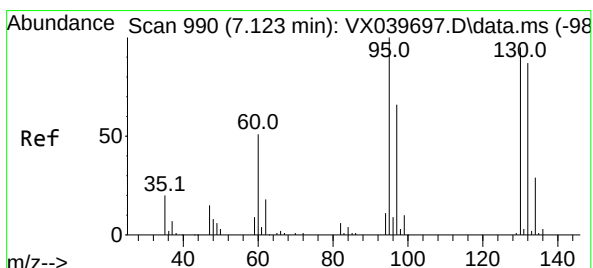
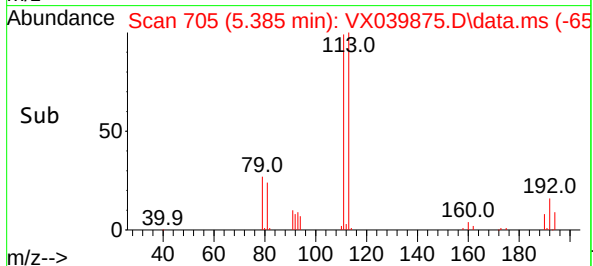
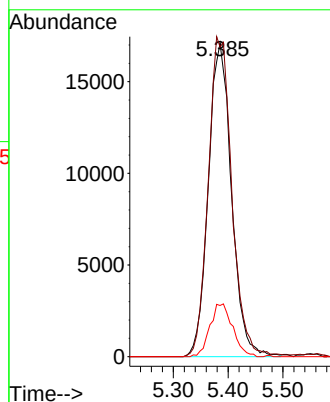
Tgt Ion:113 Resp: 50220

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

192 16.5 13.3 19.9



#44

Trichloroethene

Concen: 24.577 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039875.D

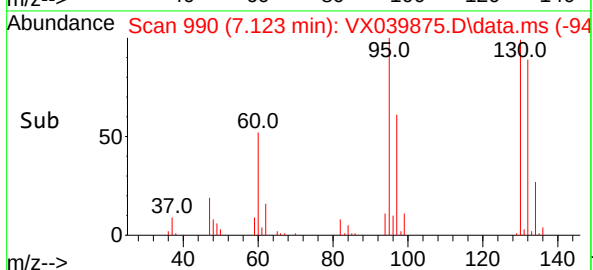
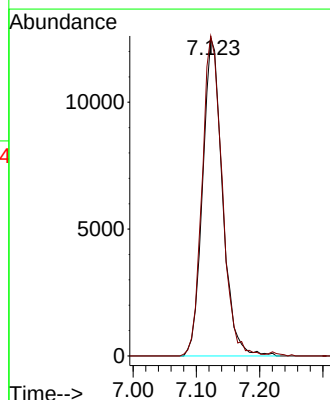
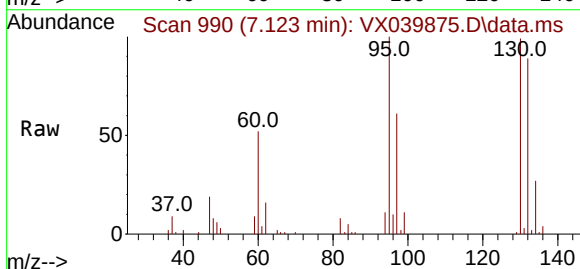
Acq: 22 Jan 2024 11:59

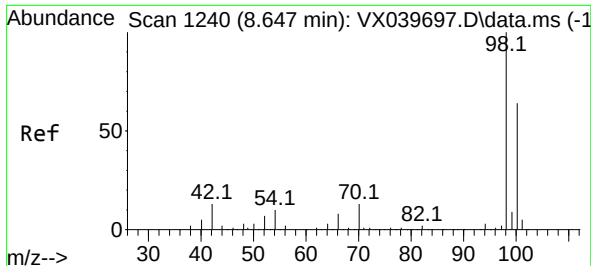
Tgt Ion:130 Resp: 27336

Ion Ratio Lower Upper

130 100

95 100.6 0.0 204.4

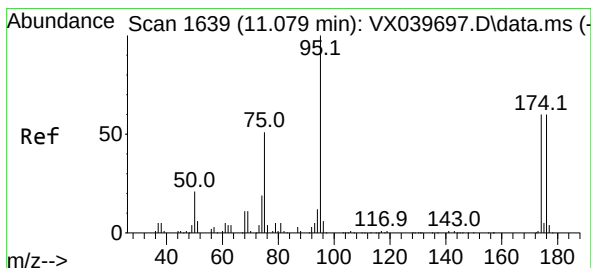
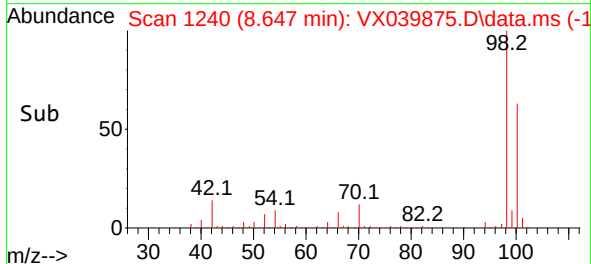
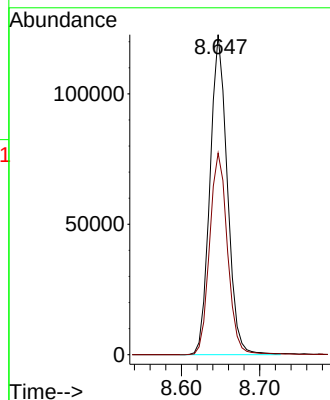
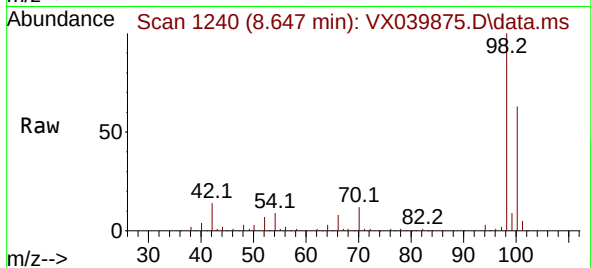




#50
Toluene-d8
Concen: 48.548 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039875.D
Acq: 22 Jan 2024 11:59

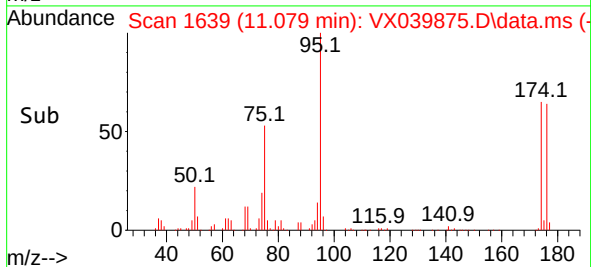
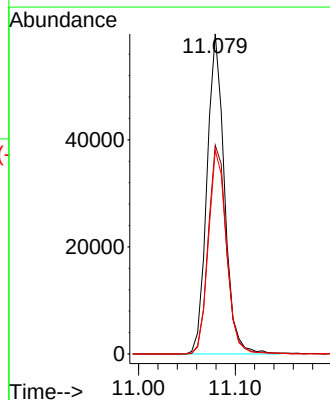
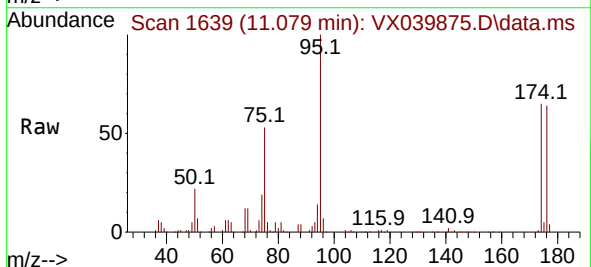
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-37-40DL

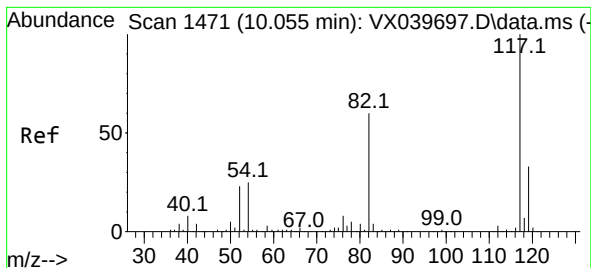
Tgt Ion: 98 Resp: 188534
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.470 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039875.D
Acq: 22 Jan 2024 11:59

Tgt Ion: 95 Resp: 75126
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.6
176 66.0 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: VX039875.D

Acq: 22 Jan 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

SUMOGW-5-37-40DL

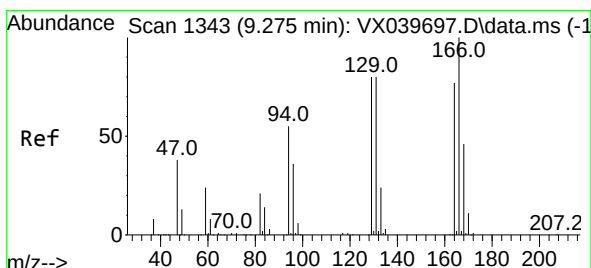
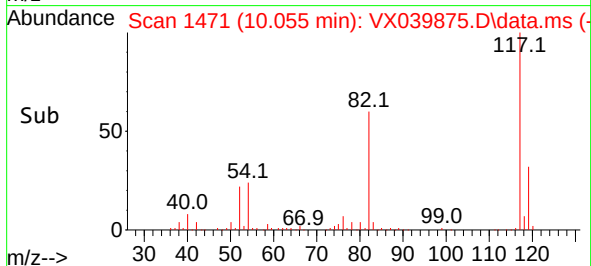
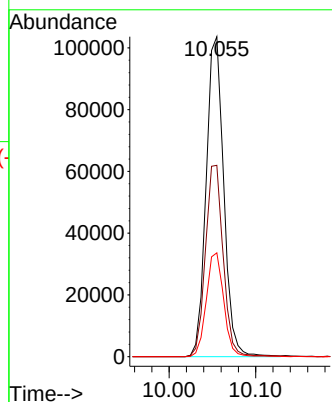
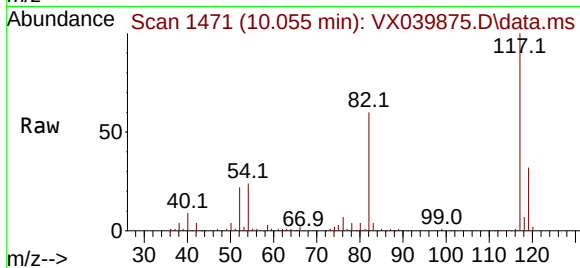
Tgt Ion:117 Resp: 146050

Ion Ratio Lower Upper

117 100

82 59.8 46.2 69.4

119 32.5 25.5 38.3



#64

Tetrachloroethene

Concen: 40.044 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX039875.D

Acq: 22 Jan 2024 11:59

Tgt Ion:164 Resp: 38032

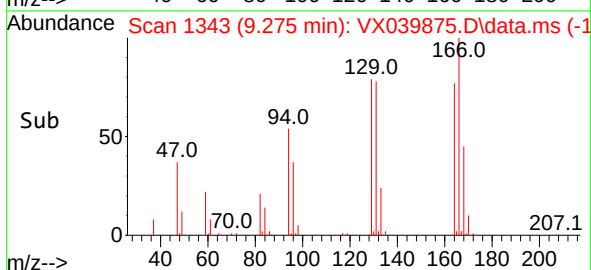
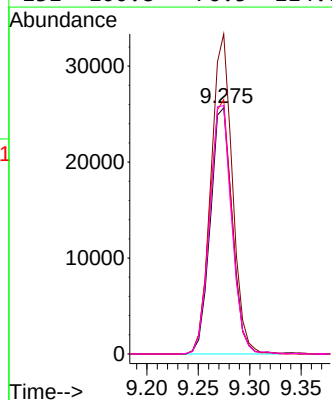
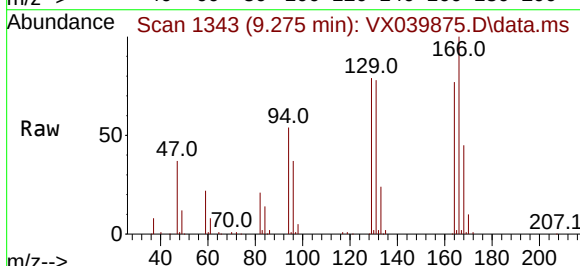
Ion Ratio Lower Upper

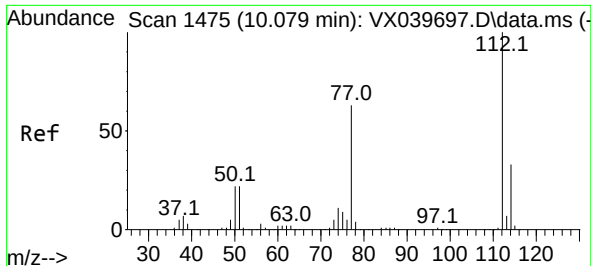
164 100

166 129.9 102.7 154.1

129 103.2 80.4 120.6

131 100.8 76.5 114.7

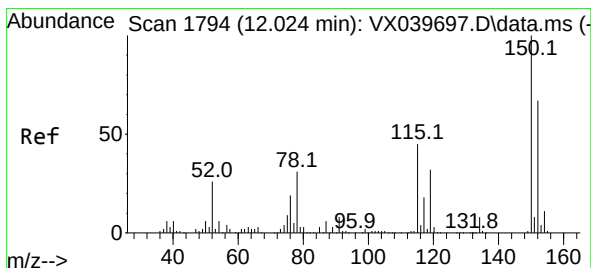
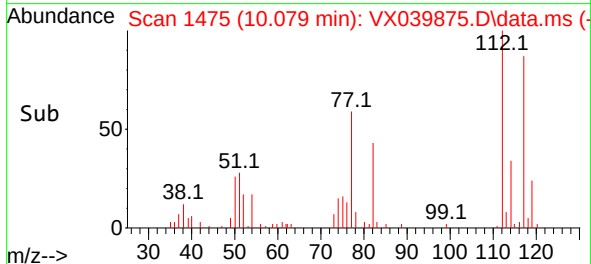
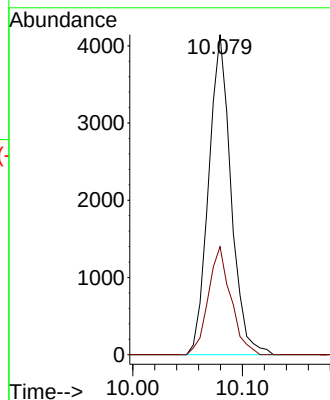
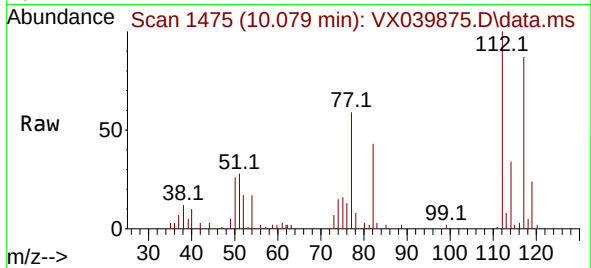




#65
Chlorobenzene
Concen: 1.932 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039875.D
Acq: 22 Jan 2024 11:59

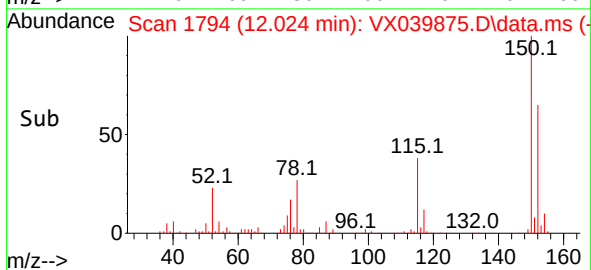
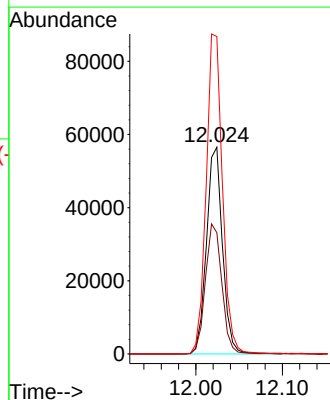
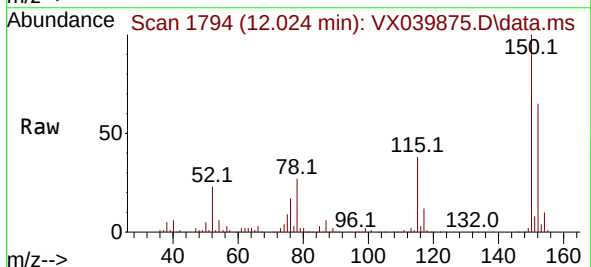
Instrument :
MSVOA_X
ClientSampleId :
SUMOGW-5-37-40DL

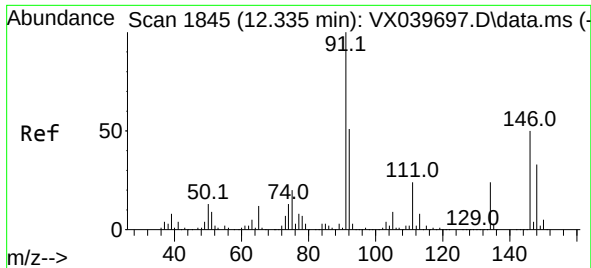
Tgt Ion:112 Resp: 5877
Ion Ratio Lower Upper
112 100
114 33.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039875.D
Acq: 22 Jan 2024 11:59

Tgt Ion:152 Resp: 72644
Ion Ratio Lower Upper
152 100
115 64.6 43.3 129.9
150 157.2 0.0 345.0

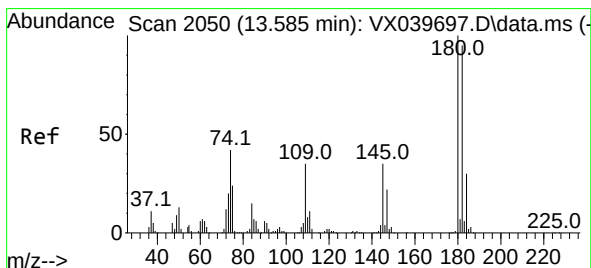
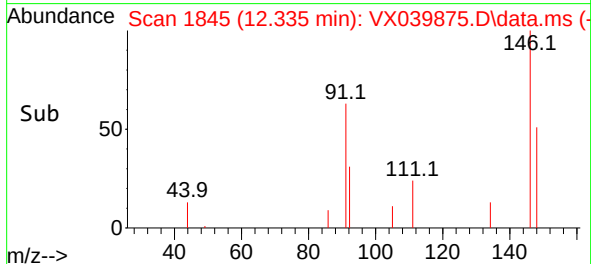
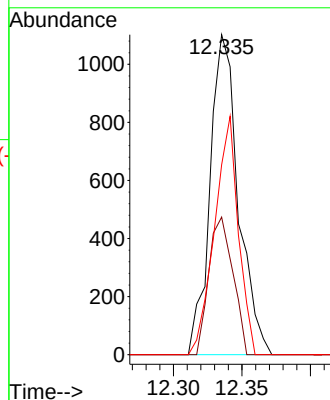
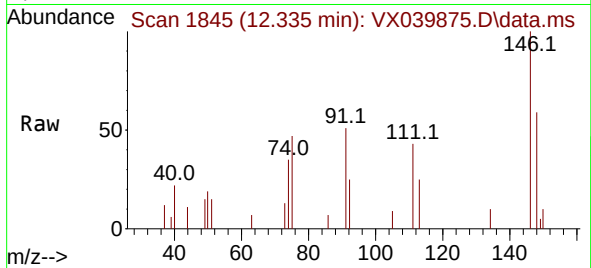




#91
1,2-Dichlorobenzene
Concen: 0.650 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039875.D
Acq: 22 Jan 2024 11:59

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

Tgt Ion:146 Resp: 1586
Ion Ratio Lower Upper
146 100
111 36.5 22.4 67.0
148 62.3 31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 0.405 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039875.D
Acq: 22 Jan 2024 11:59

Tgt Ion:180 Resp: 604
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.8
145 35.6 18.0 54.0

