

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040509.D
 Acq On : 28 Feb 2024 14:08
 Operator : JC/MD
 Sample : P1614-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-SP302-B-20240227

Quant Time: Feb 29 03:49:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

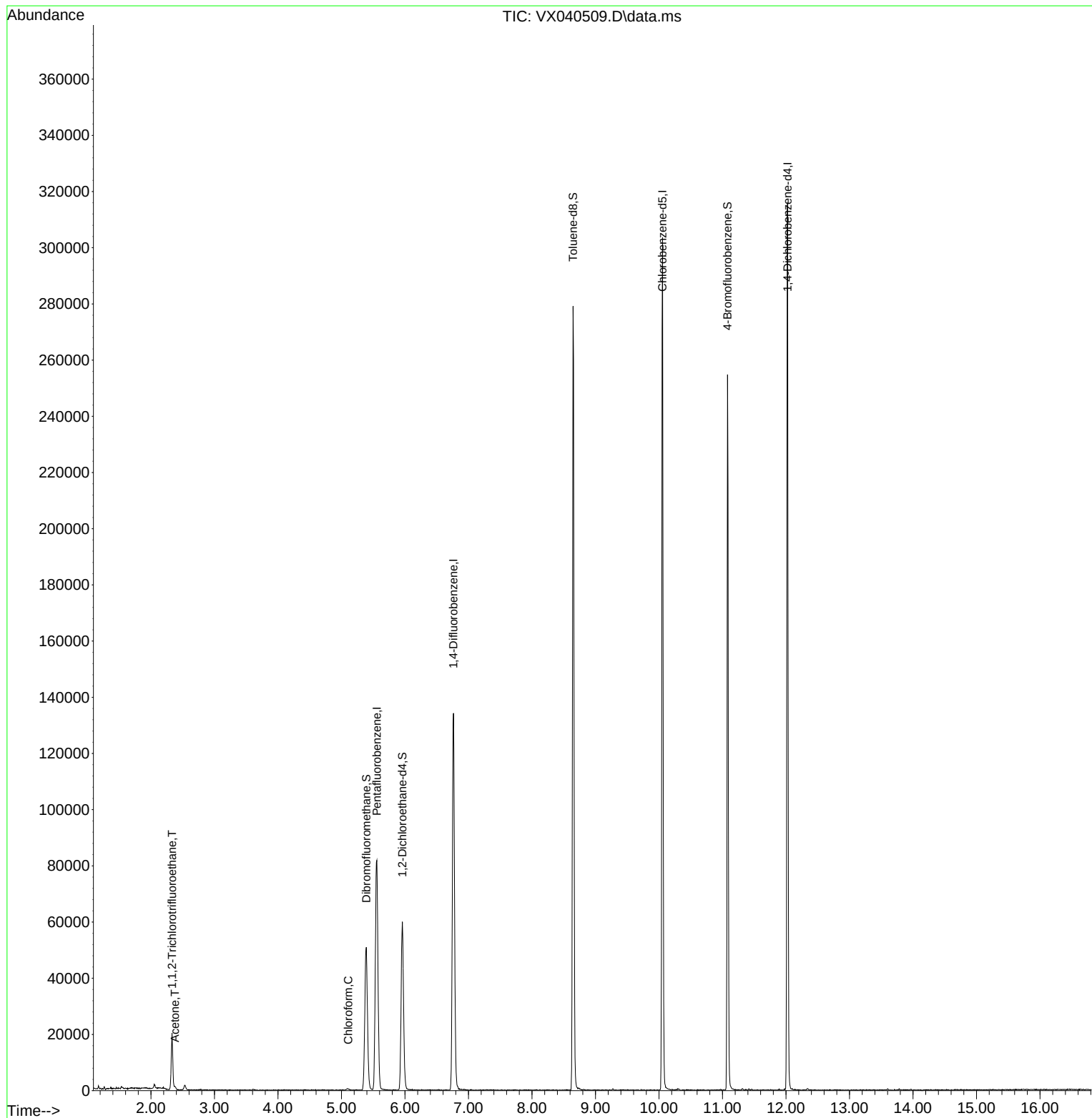
Internal Standards						
1) Pentafluorobenzene	5.556	168	73248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61446	50.155	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.320%
35) Dibromofluoromethane	5.391	113	43375	48.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	8.647	98	156600	48.404	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.800%
62) 4-Bromofluorobenzene	11.079	95	61826	50.132	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.260%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	6861	8.254	ug/l	92
16) Acetone	2.380	43	1250	3.129	ug/l #	65
30) Chloroform	5.105	83	733	0.404	ug/l #	82

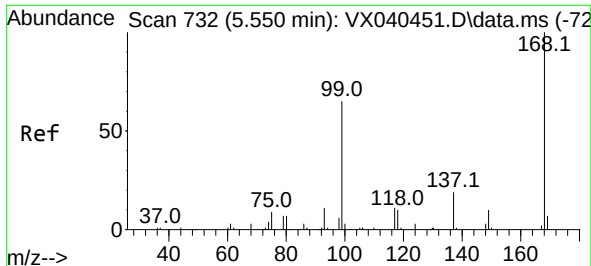
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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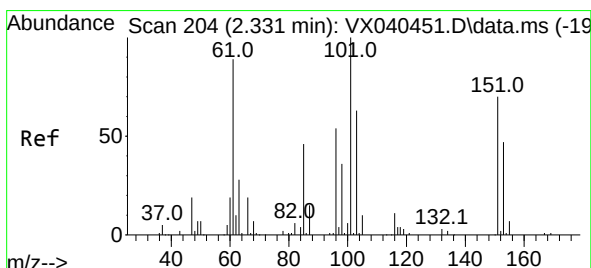
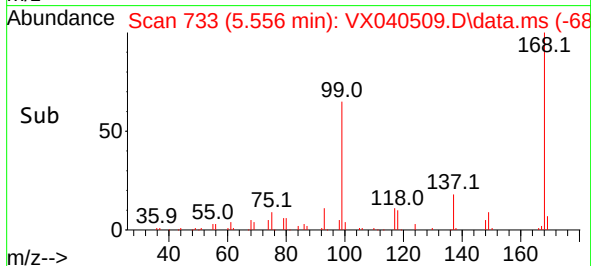
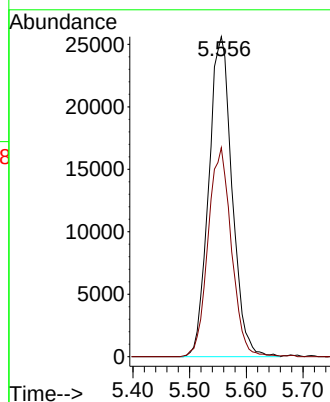
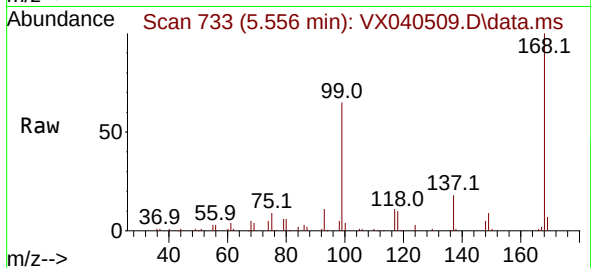




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

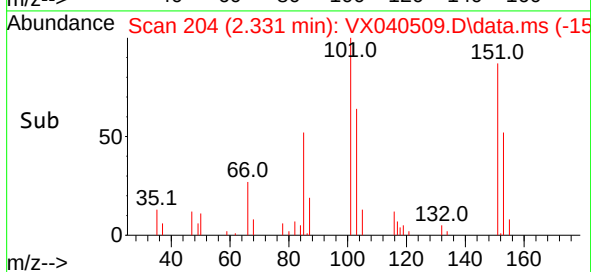
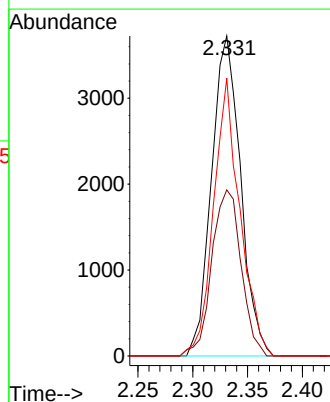
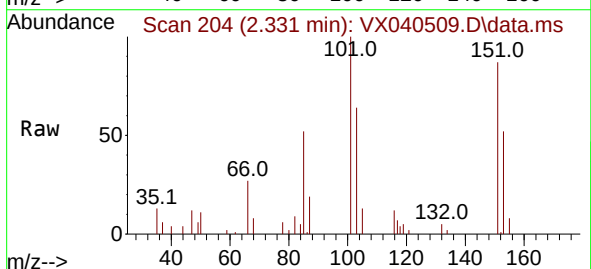
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-B-20240227

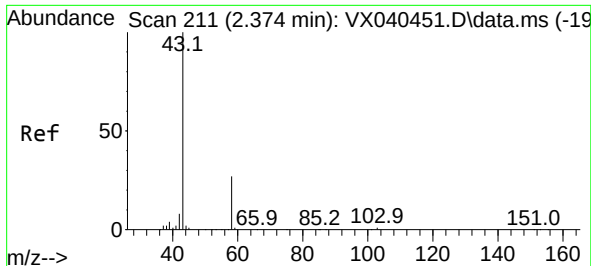
Tgt Ion:168 Resp: 73248
Ion Ratio Lower Upper
168 100
99 65.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.254 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

Tgt Ion:101 Resp: 6861
Ion Ratio Lower Upper
101 100
85 52.4 37.0 55.6
151 78.6 58.6 87.8

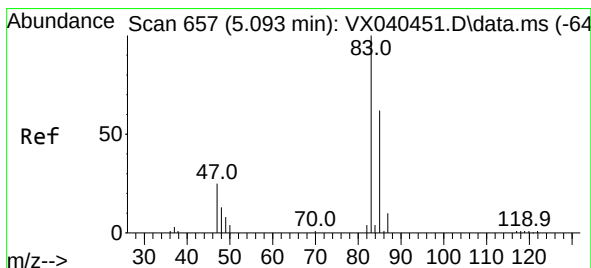
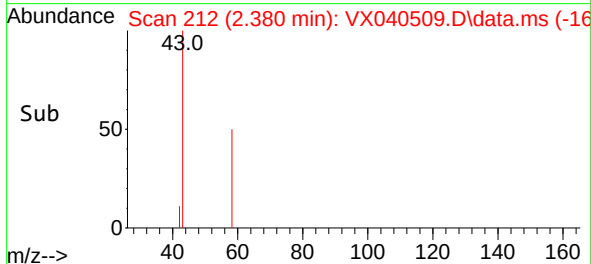
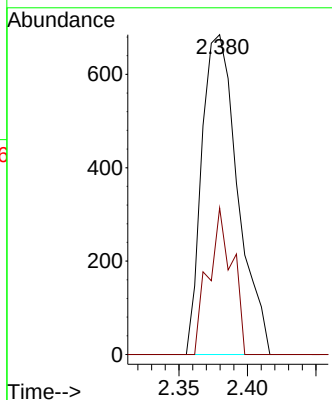
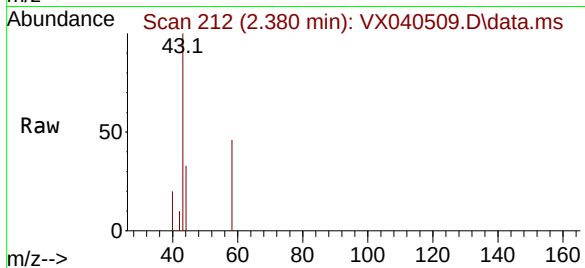




#16
Acetone
Concen: 3.129 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

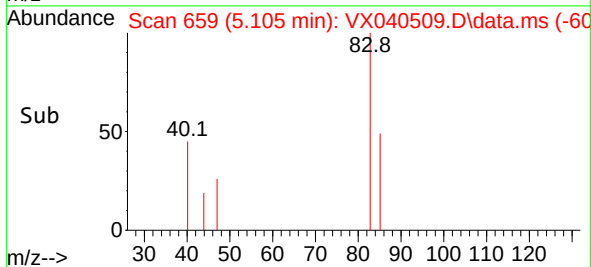
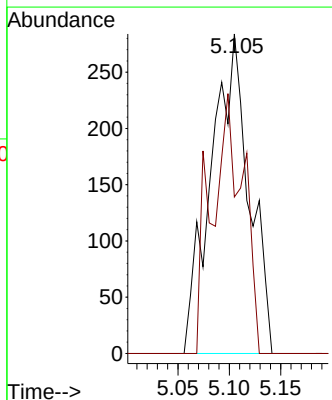
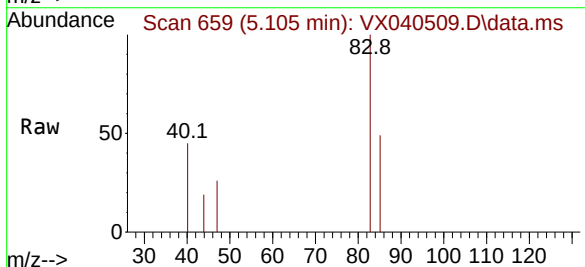
Instrument :
MSVOA_X
ClientSampleId :
RE137-SP302-B-20240227

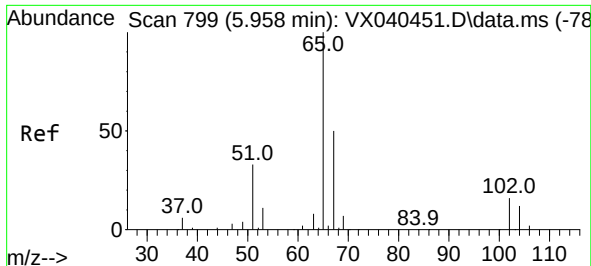
Tgt Ion: 43 Resp: 1250
Ion Ratio Lower Upper
43 100
58 45.8 21.9 32.9#



#30
Chloroform
Concen: 0.404 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX040509.D
Acq: 28 Feb 2024 14:08

Tgt Ion: 83 Resp: 733
Ion Ratio Lower Upper
83 100
85 48.9 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 50.155 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040509.D

Acq: 28 Feb 2024 14:08

Instrument :

MSVOA_X

ClientSampleId :

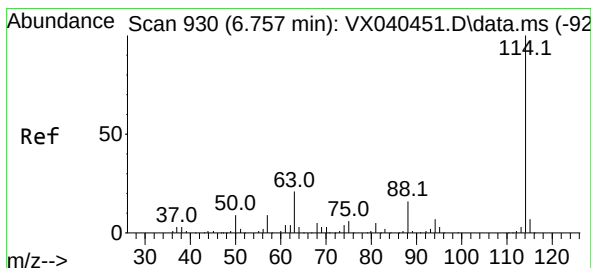
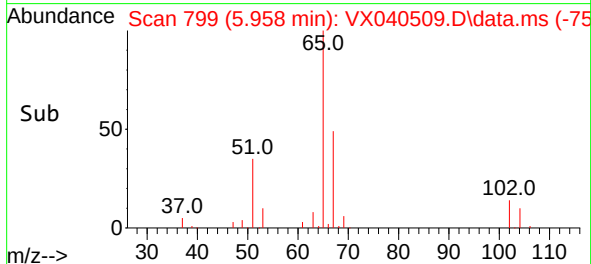
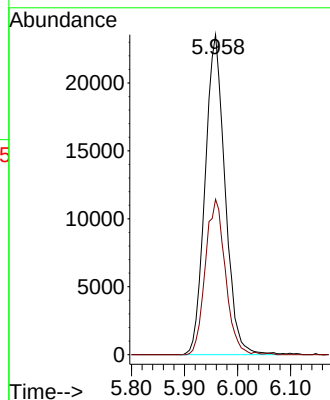
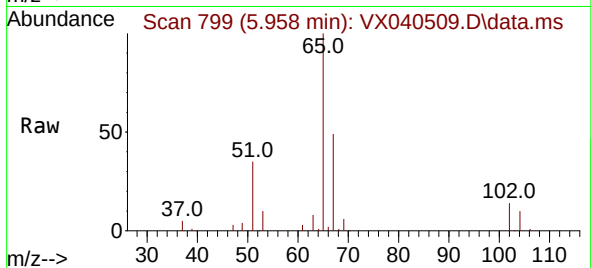
RE137-SP302-B-20240227

Tgt Ion: 65 Resp: 61446

Ion Ratio Lower Upper

65 100

67 48.9 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: VX040509.D

Acq: 28 Feb 2024 14:08

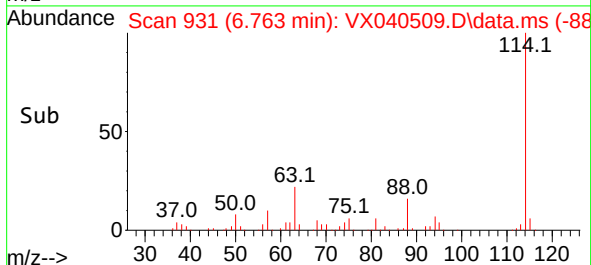
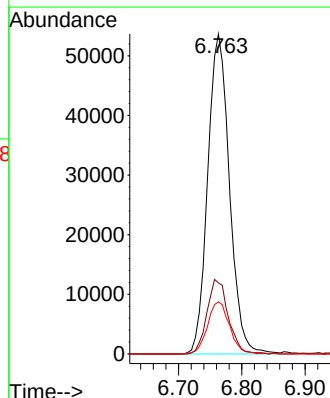
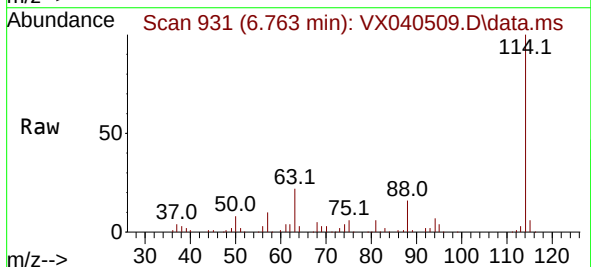
Tgt Ion: 114 Resp: 128170

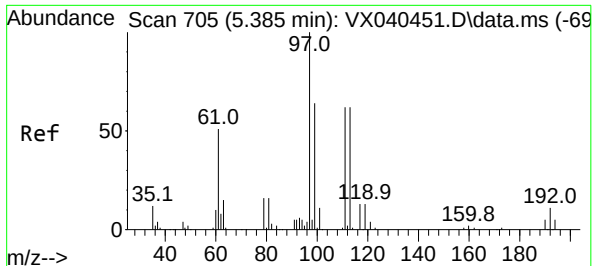
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.666 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040509.D

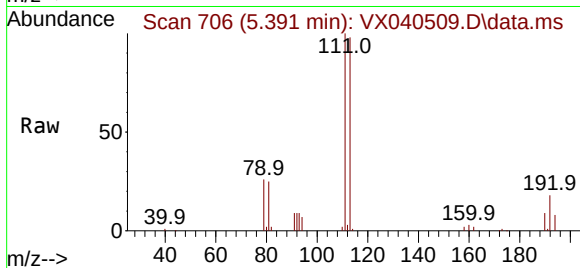
Acq: 28 Feb 2024 14:08

Instrument :

MSVOA_X

ClientSampleId :

RE137-SP302-B-20240227



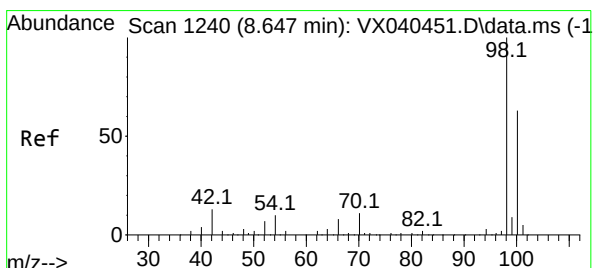
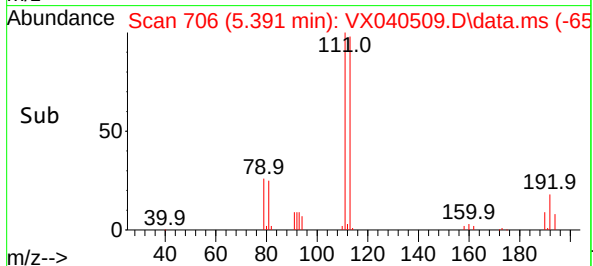
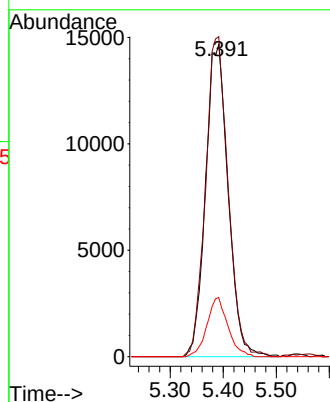
Tgt Ion:113 Resp: 43375

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 17.6 13.3 19.9



#50

Toluene-d8

Concen: 48.404 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX040509.D

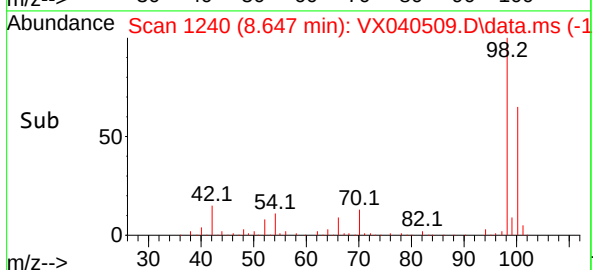
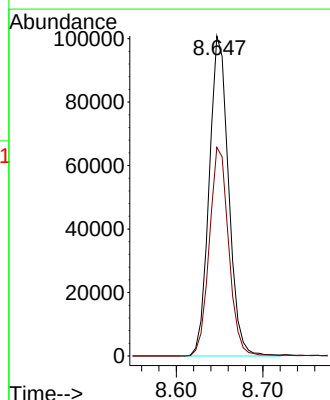
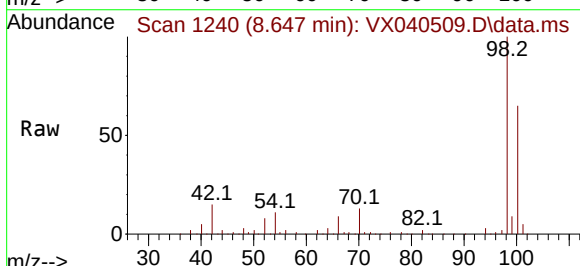
Acq: 28 Feb 2024 14:08

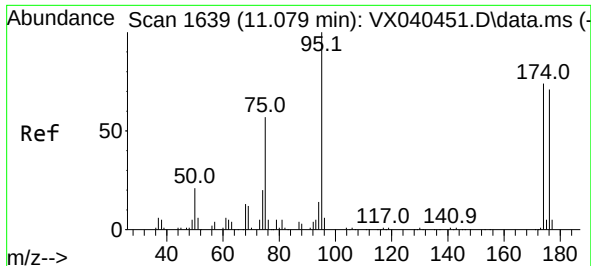
Tgt Ion: 98 Resp: 156600

Ion Ratio Lower Upper

98 100

100 65.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.132 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040509.D

Acq: 28 Feb 2024 14:08

Instrument :

MSVOA_X

ClientSampleId :

RE137-SP302-B-20240227

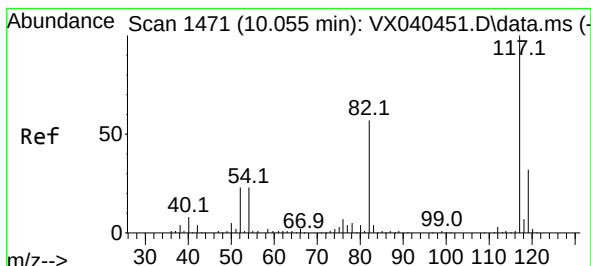
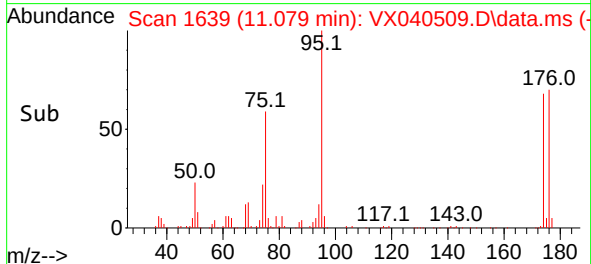
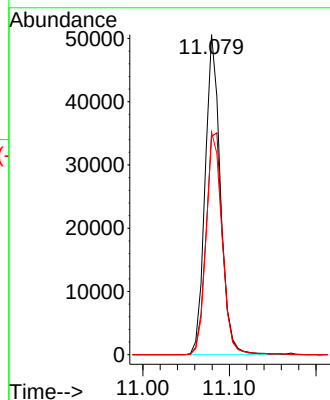
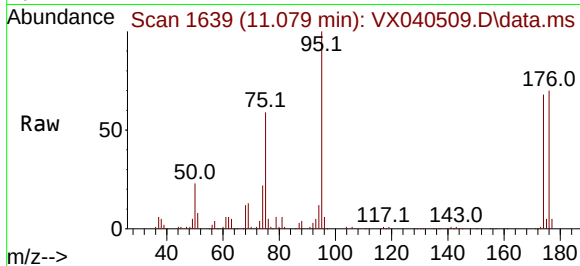
Tgt Ion: 95 Resp: 61826

Ion Ratio Lower Upper

95 100

174 76.2 0.0 135.6

176 72.8 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: VX040509.D

Acq: 28 Feb 2024 14:08

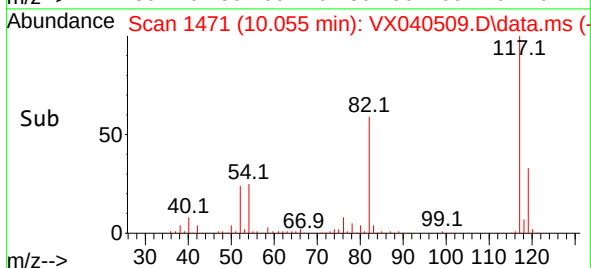
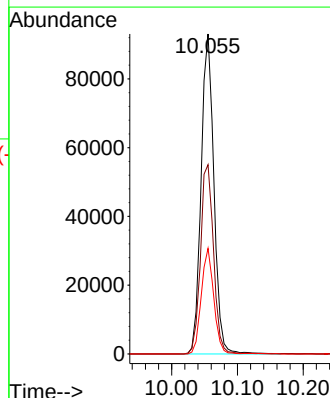
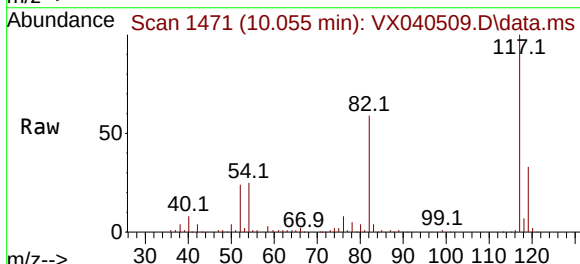
Tgt Ion: 117 Resp: 125988

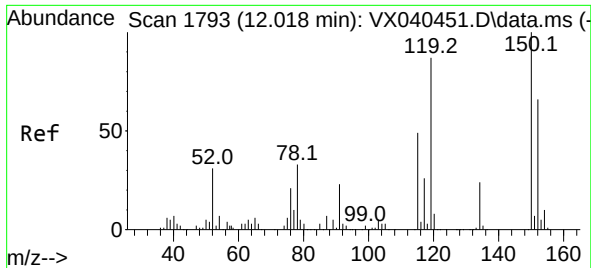
Ion Ratio Lower Upper

117 100

82 59.2 46.2 69.4

119 33.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040509.D

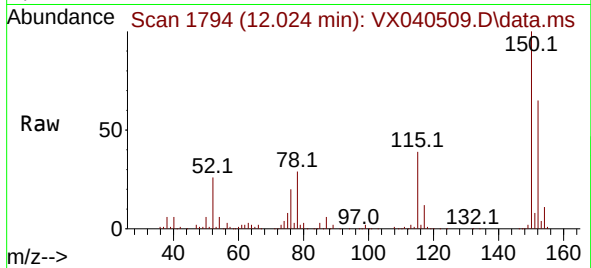
Acq: 28 Feb 2024 14:08

Instrument :

MSVOA_X

ClientSampleId :

RE137-SP302-B-20240227



Tgt Ion:152 Resp: 62048

Ion Ratio Lower Upper

152 100

115 63.0 43.3 129.9

150 156.3 0.0 345.0

