

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019840.D
 Acq On : 10 Dec 2020 22:05
 Operator : JC/MD
 Sample : VX1210WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBL02

Quant Time: Dec 11 02:53:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	326857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	536442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	486471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205332	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	203220	47.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.62%		
35) Dibromofluoromethane	5.46	113	166411	48.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.00%		
50) Toluene-d8	8.70	98	650896	49.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.36%		
62) 4-Bromofluorobenzene	11.12	95	225310	44.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.44%		

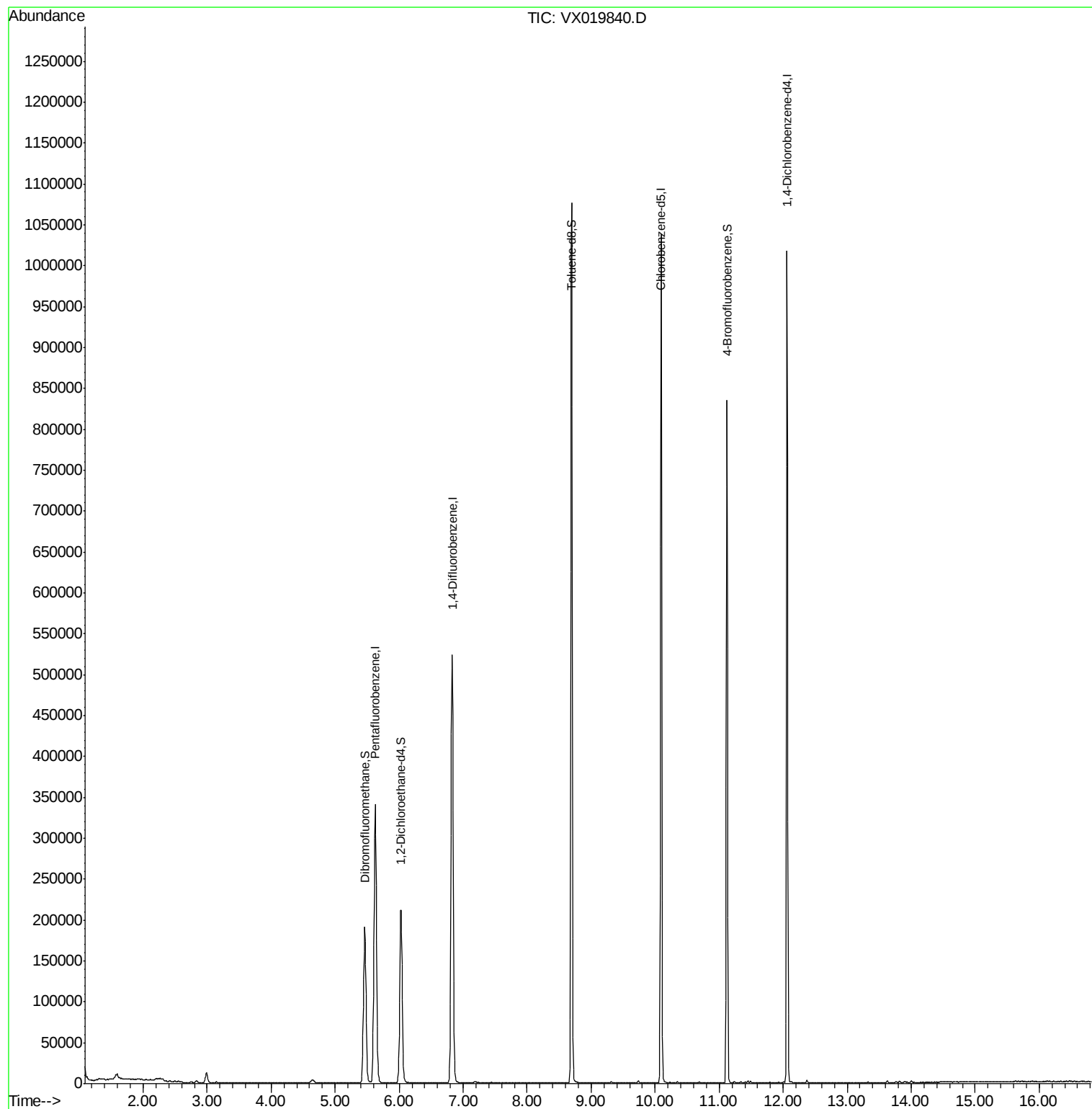
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019840.D

Acq: 10 Dec 2020 22:05

Instrument :

MSVOA_X

ClientSampleId :

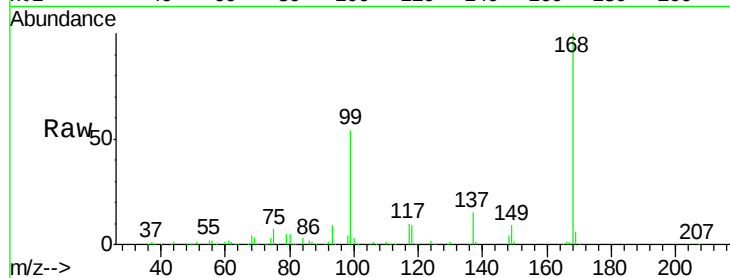
VX1210WBL02

Tot Ion:168 Resp: 326857

Ion Ratio Lower Upper

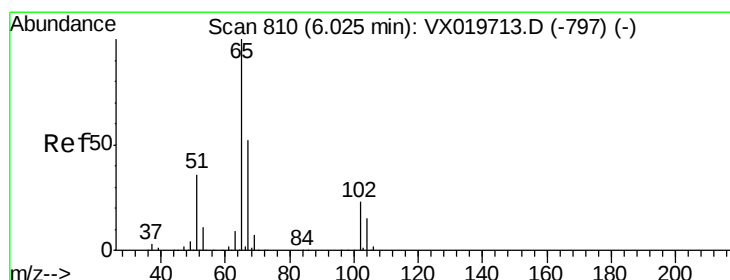
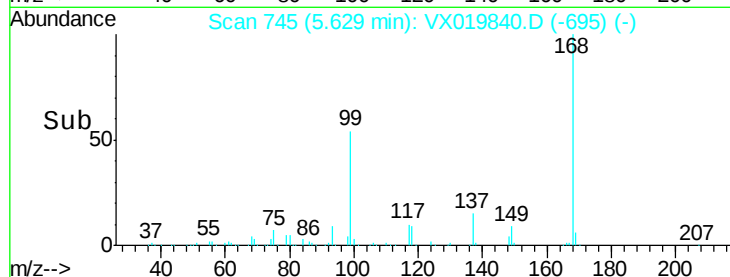
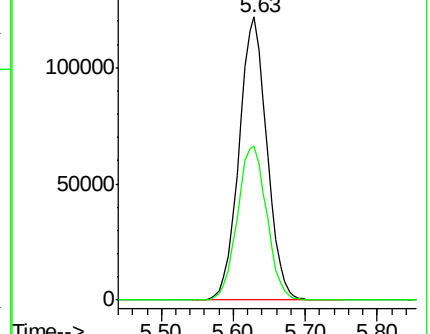
168 100

99 54.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.306 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019840.D

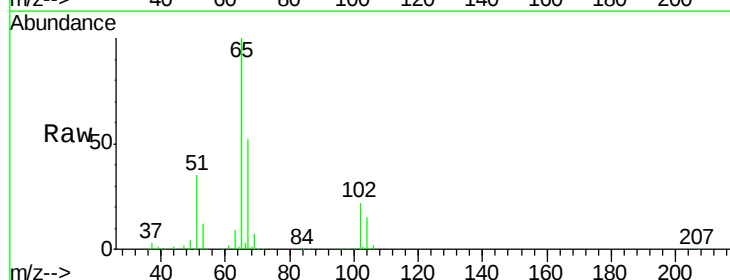
Acq: 10 Dec 2020 22:05

Tgt Ion: 65 Resp: 203220

Ion Ratio Lower Upper

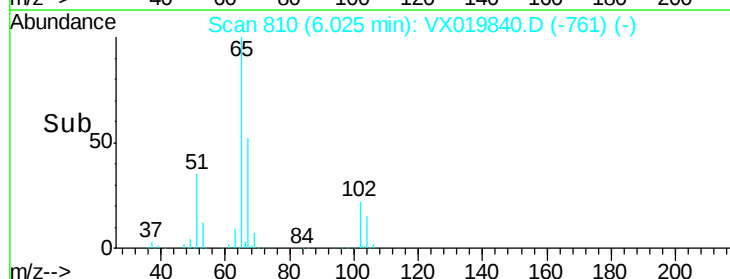
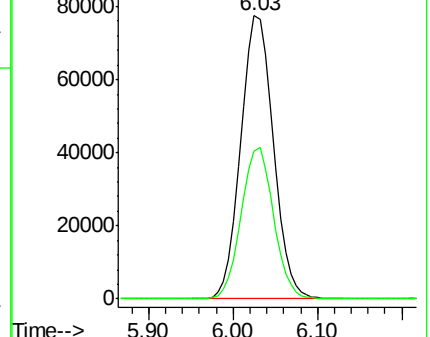
65 100

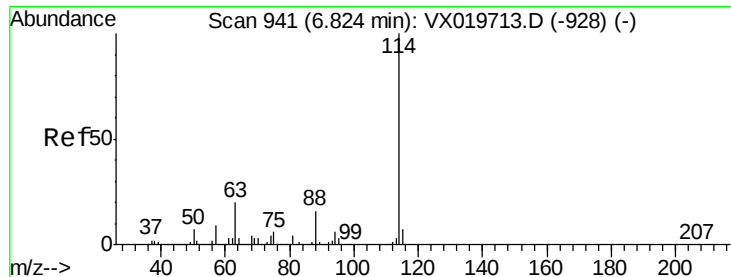
67 53.0 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019840.D

Acq: 10 Dec 2020 22:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBL02

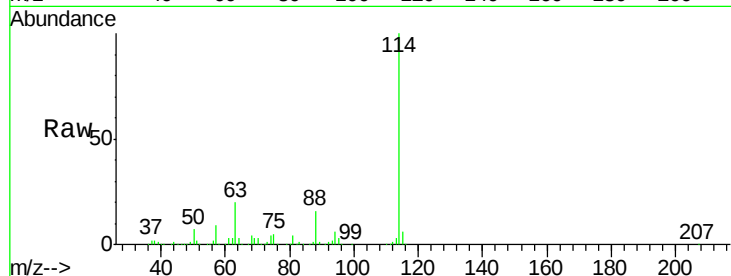
Tot Ion:114 Resp: 536442

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

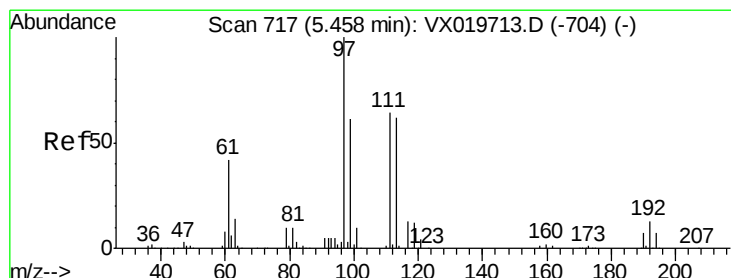
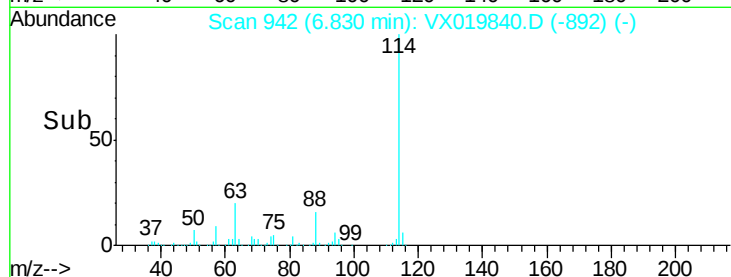
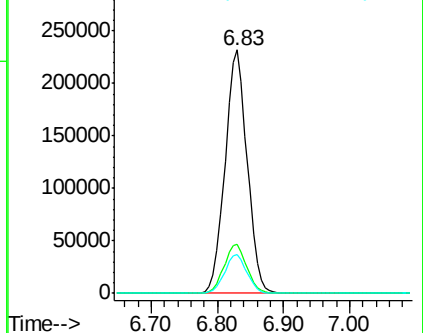
88 15.9 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.999 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019840.D

Acq: 10 Dec 2020 22:05

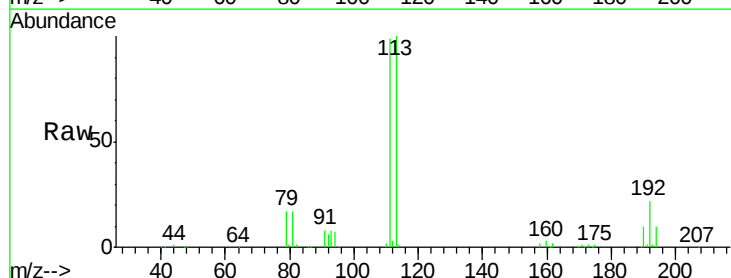
Tgt Ion:113 Resp: 166411

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

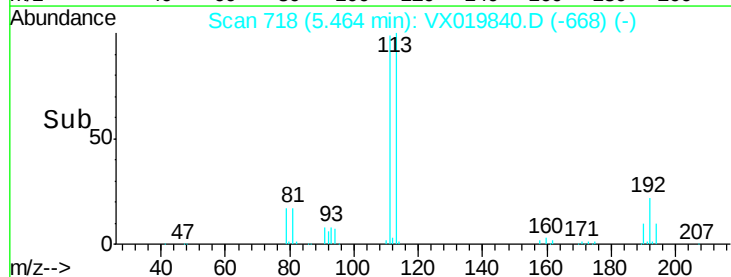
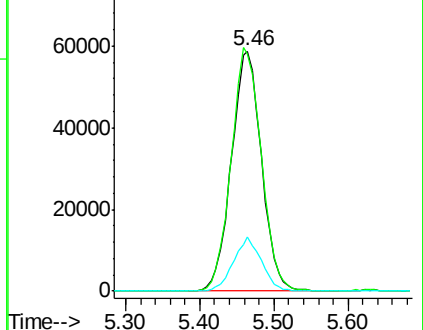
192 21.0 16.7 25.1

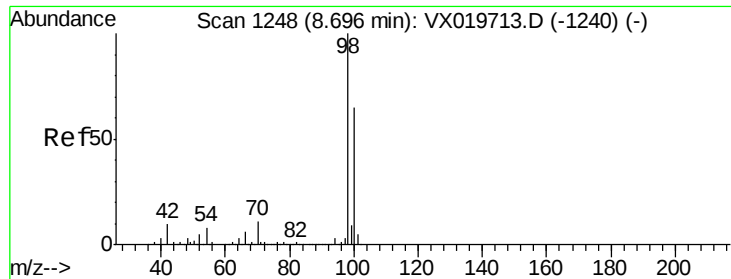


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

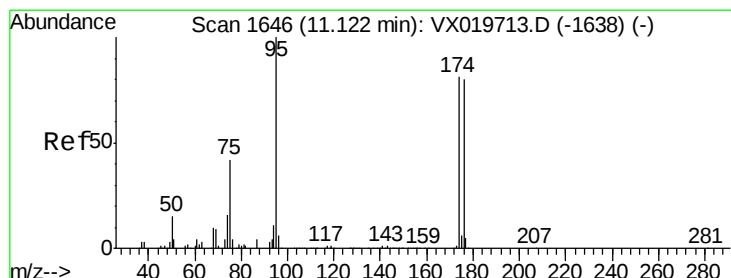
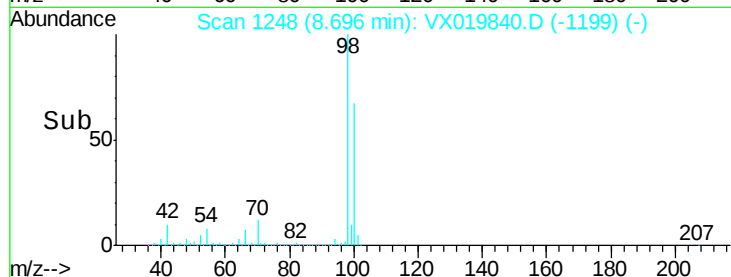
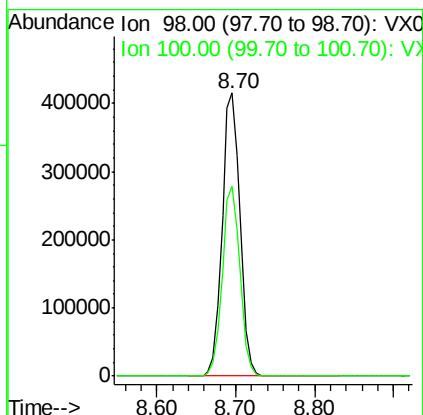
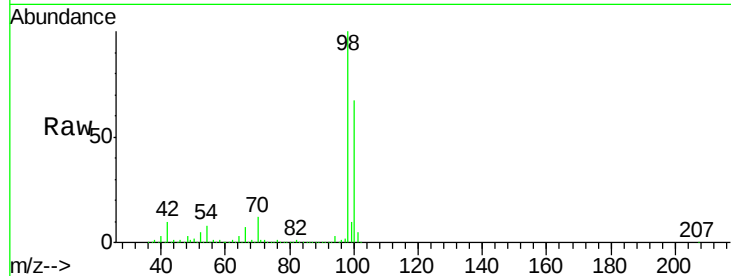




#50
Toluene-d8
Concen: 49.177 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019840.D
Acq: 10 Dec 2020 22:05

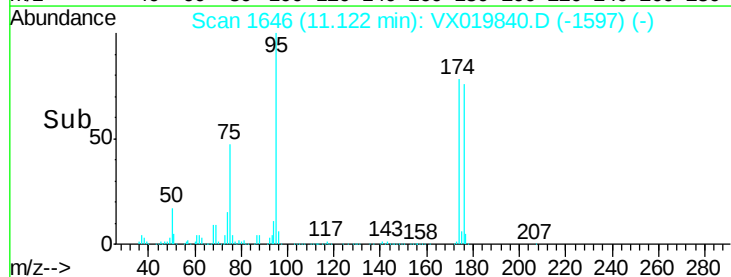
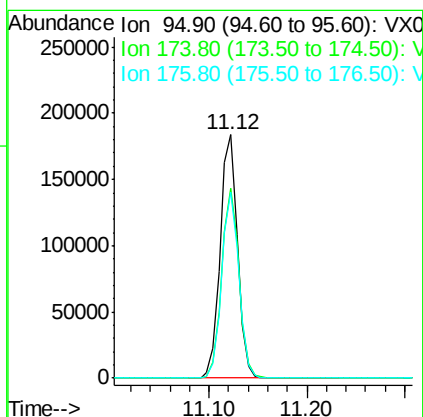
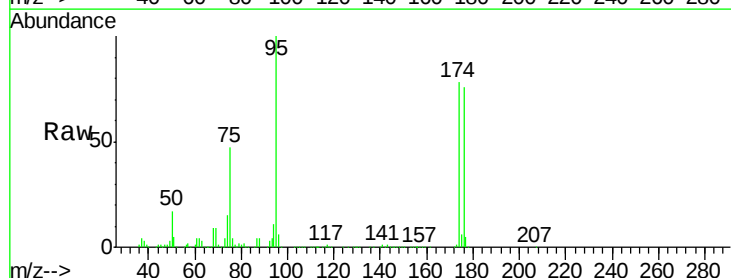
Instrument :
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ClientSampleId :
VX1210WBL02

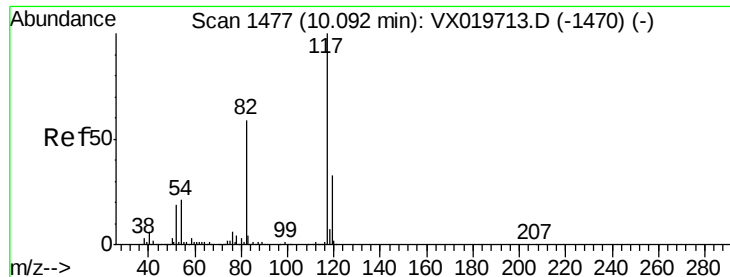
Tot Ion: 98 Resp: 650896
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.724 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019840.D
Acq: 10 Dec 2020 22:05

Tgt Ion: 95 Resp: 225310
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 75.9 0.0 155.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019840.D

Acq: 10 Dec 2020 22:05

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBL02

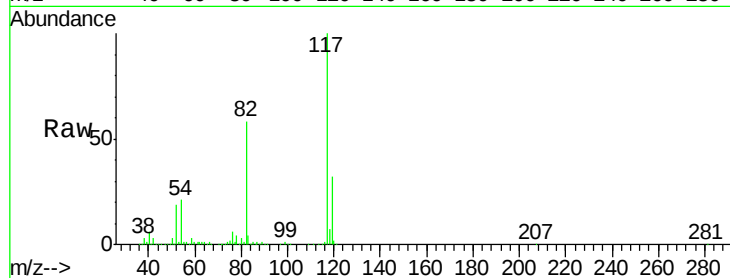
Tot Ion:117 Resp: 486471

Ion Ratio Lower Upper

117 100

82 58.2 47.4 71.2

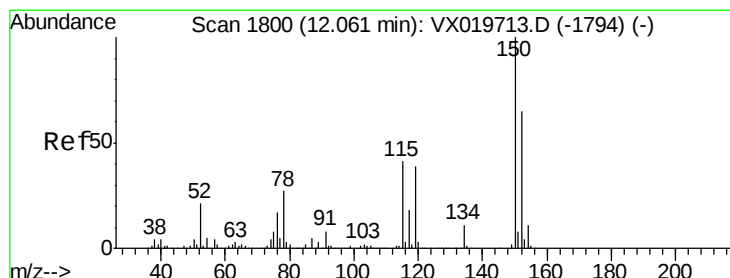
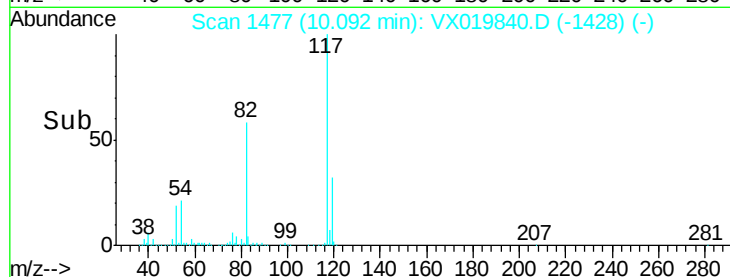
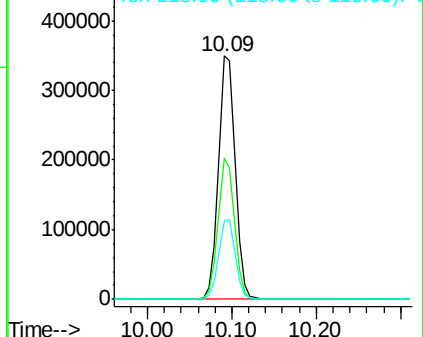
119 32.3 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019840.D

Acq: 10 Dec 2020 22:05

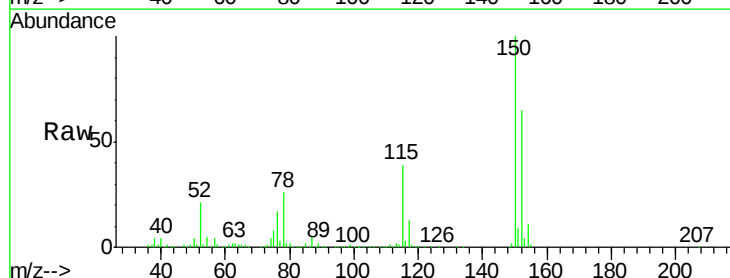
Tgt Ion:152 Resp: 205332

Ion Ratio Lower Upper

152 100

115 60.5 41.1 123.3

150 155.0 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

