

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014503.D
 Acq On : 09 Jan 2020 17:47
 Operator : JC/SP
 Sample : L1034-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-B

Quant Time: Jan 10 07:15:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

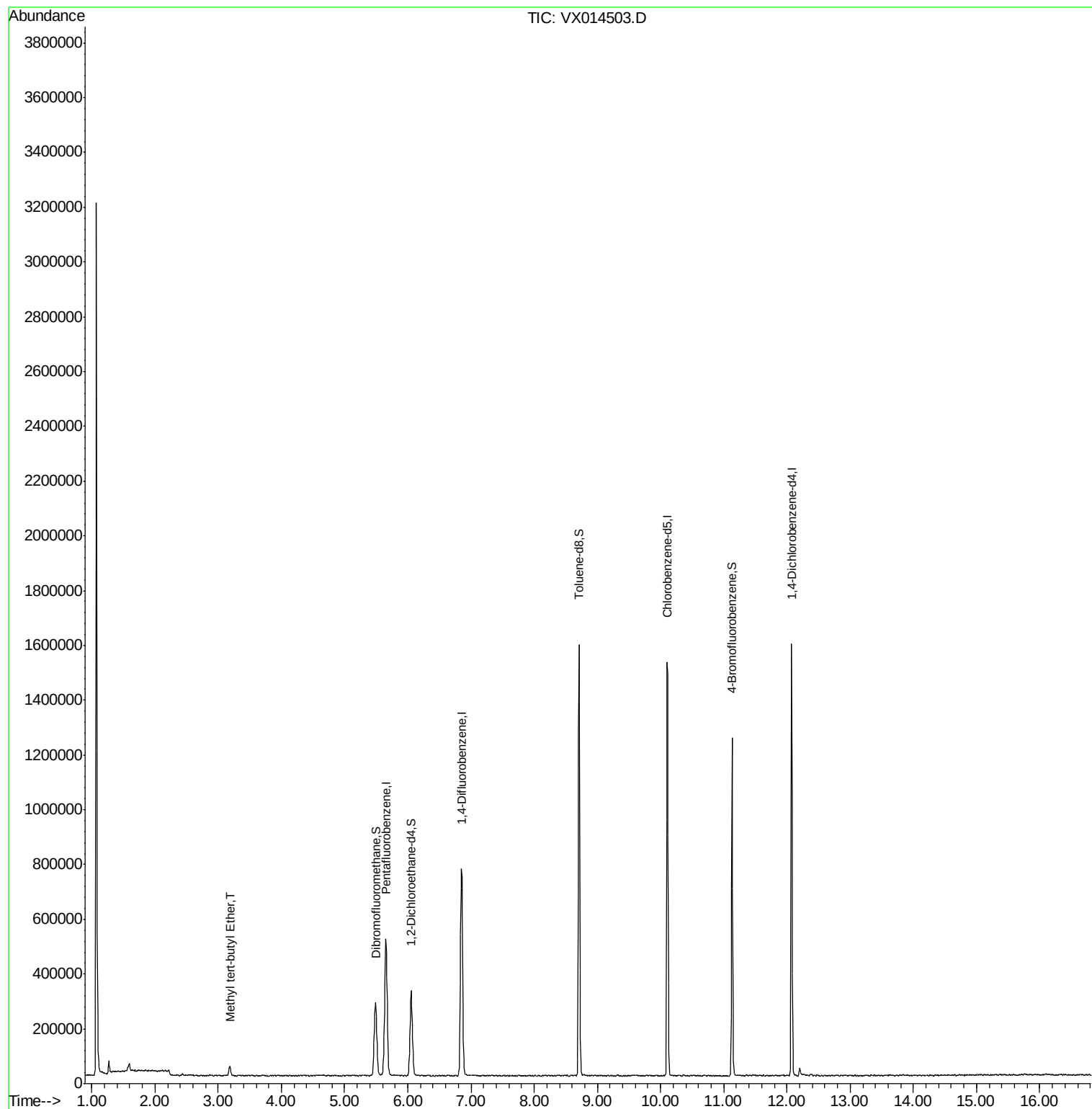
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	520081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	792948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	719348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	279558	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
35) Dibromofluoromethane	5.48	113	236332	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
50) Toluene-d8	8.71	98	934637	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	324519	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
Target Compounds						
19) Methyl tert-butyl Ether	3.19	73	37500	2.274	ug/l	Qvalue 96

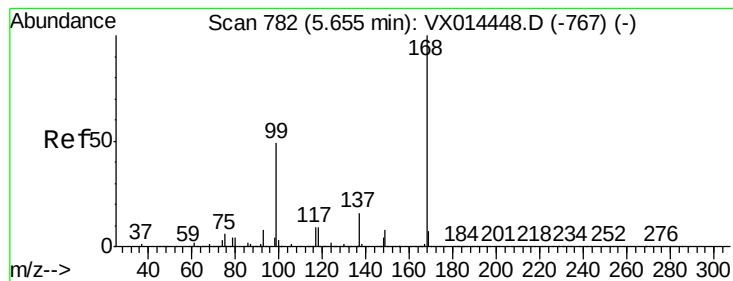
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014503.D

Acq: 09 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampled :

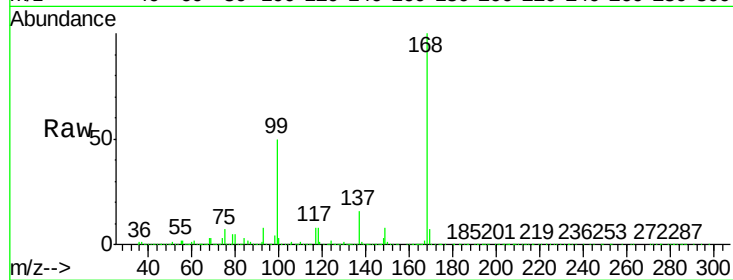
MW-B

Tot Ion:168 Resp: 520081

Ion Ratio Lower Upper

168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

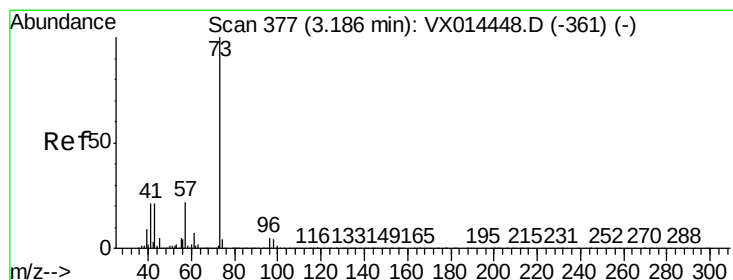
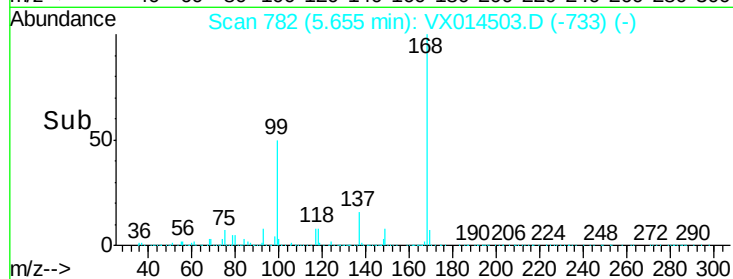
150000

100000

50000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 2.274 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX014503.D

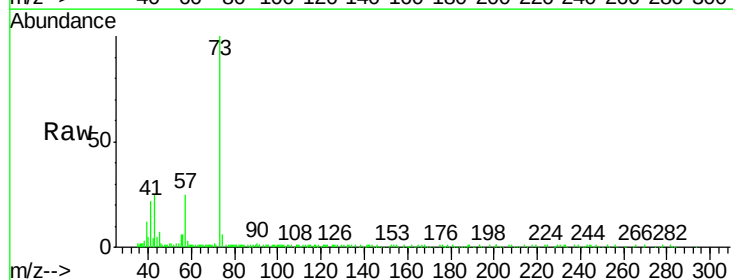
Acq: 09 Jan 2020 17:47

Tgt Ion: 73 Resp: 37500

Ion Ratio Lower Upper

73 100

57 24.0 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

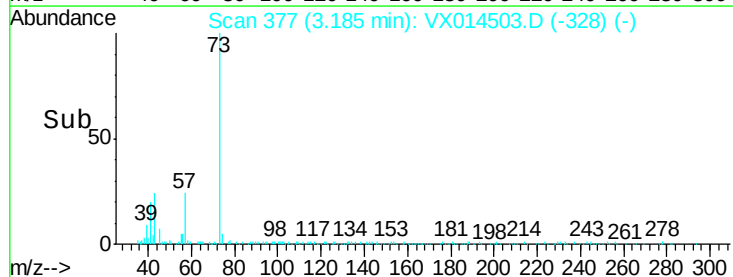
15000

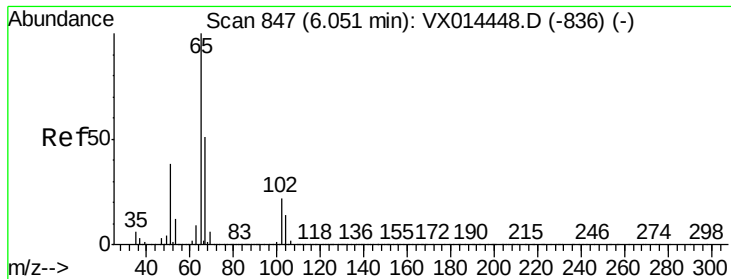
10000

5000

0

Time-->

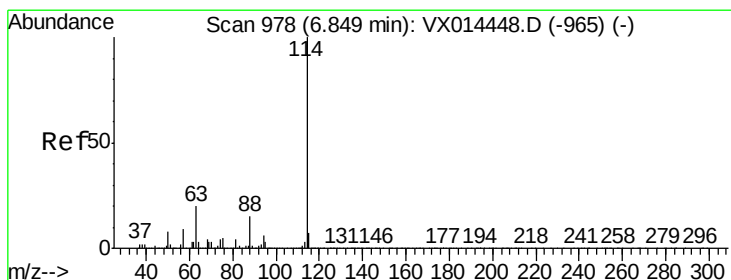
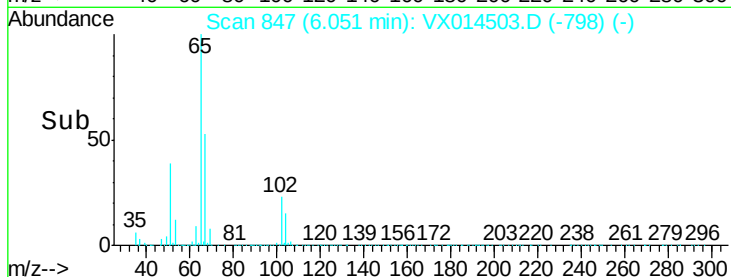
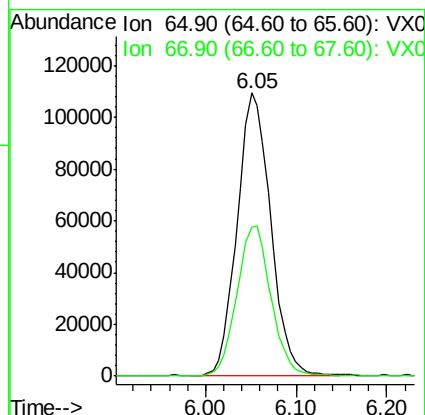
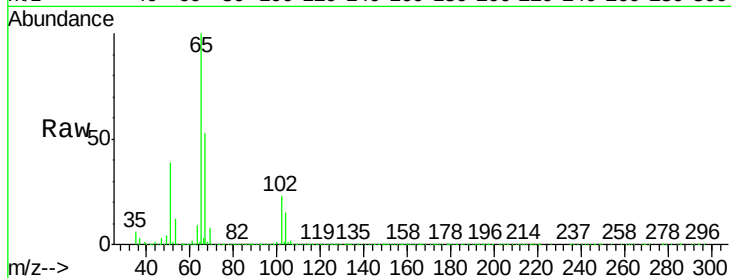




#33
 1,2-Dichloroethane-d4
 Concen: 48.151 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014503.D
 Acq: 09 Jan 2020 17:47

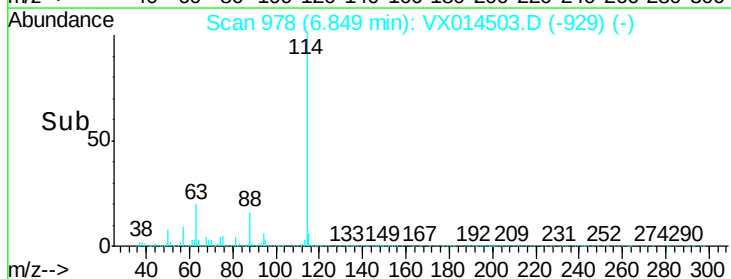
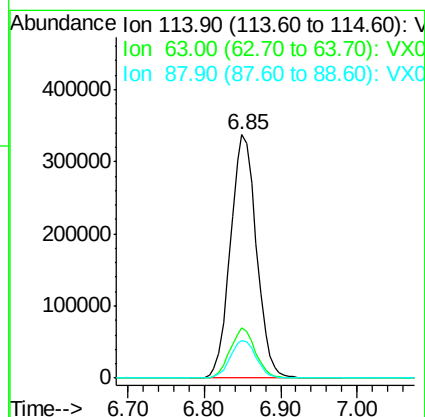
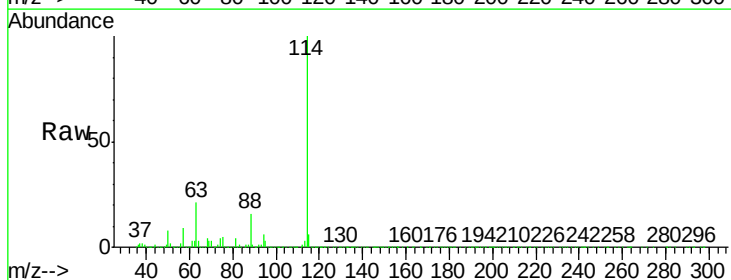
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-B

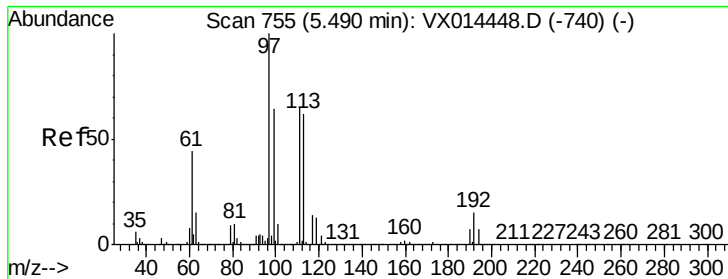
Tot Ion: 65 Resp: 279558
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014503.D
 Acq: 09 Jan 2020 17:47

Tgt Ion: 114 Resp: 792948
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.6
 88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.235 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014503.D

Acq: 09 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampled :

MW-B

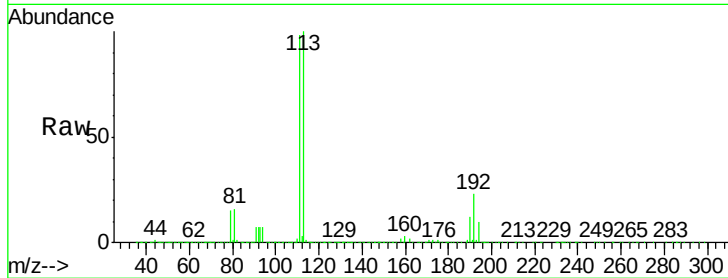
Tot Ion:113 Resp: 236332

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

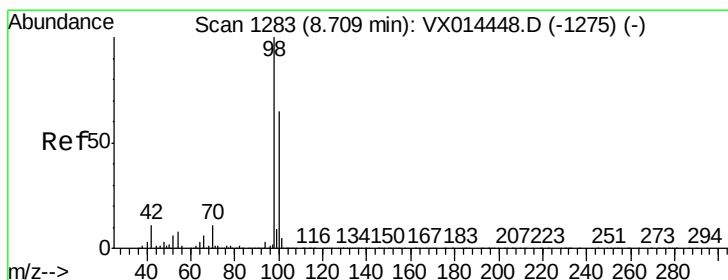
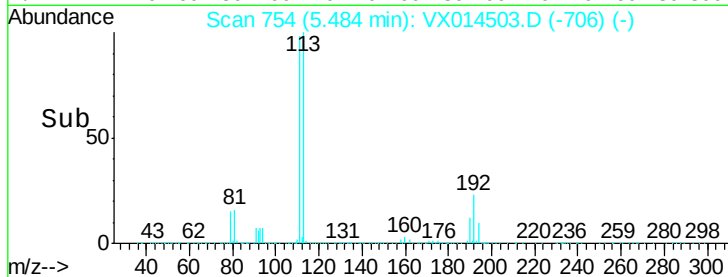
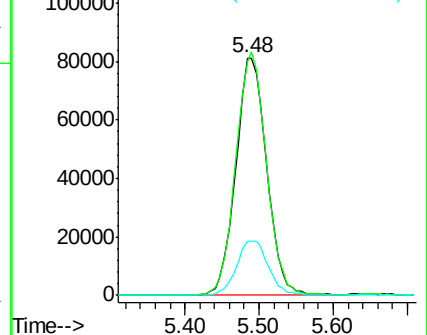
192 23.8 19.2 28.8



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: 50.175 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014503.D

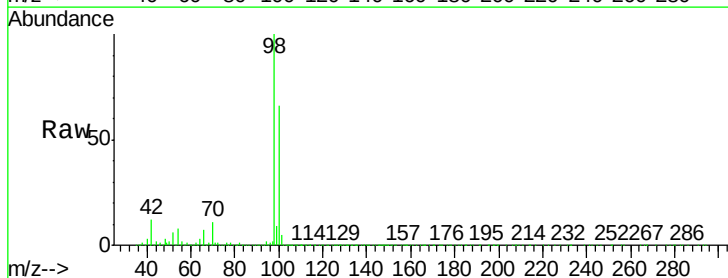
Acq: 09 Jan 2020 17:47

Tgt Ion: 98 Resp: 934637

Ion Ratio Lower Upper

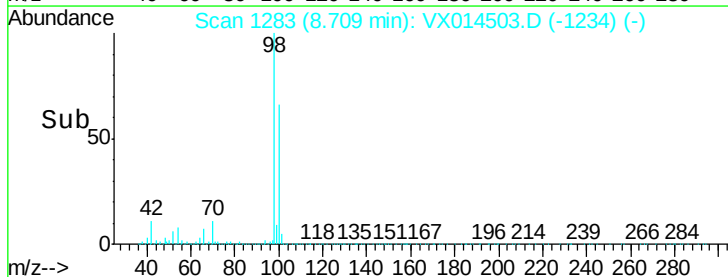
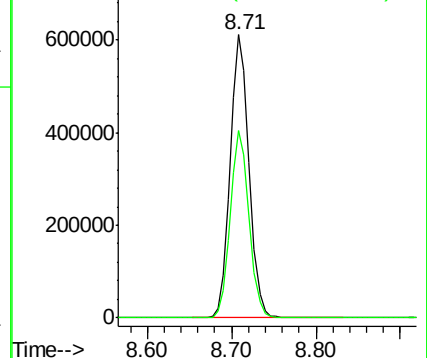
98 100

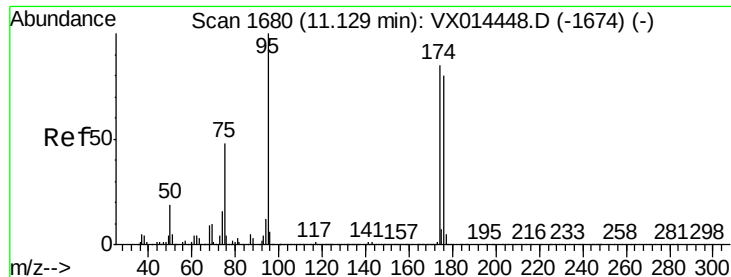
100 66.1 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.456 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014503.D

Acq: 09 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

MW-B

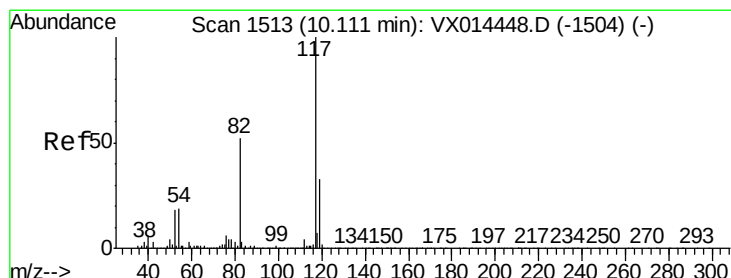
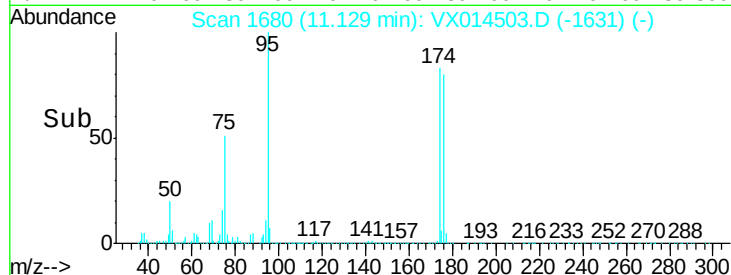
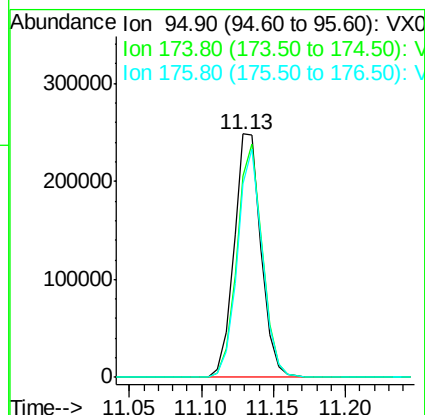
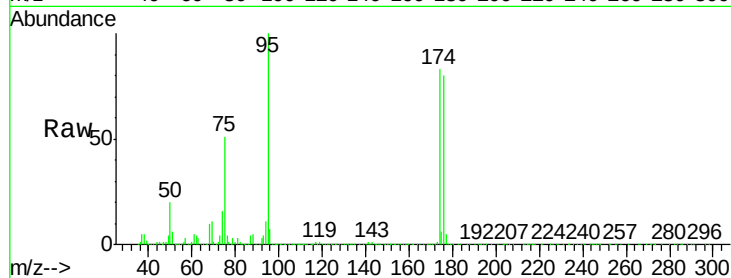
Tot Ion: 95 Resp: 324519

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.8

176 87.1 0.0 172.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014503.D

Acq: 09 Jan 2020 17:47

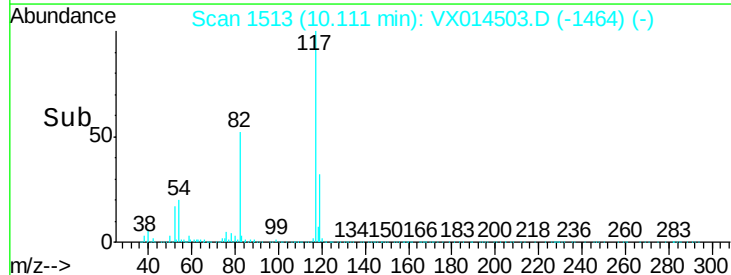
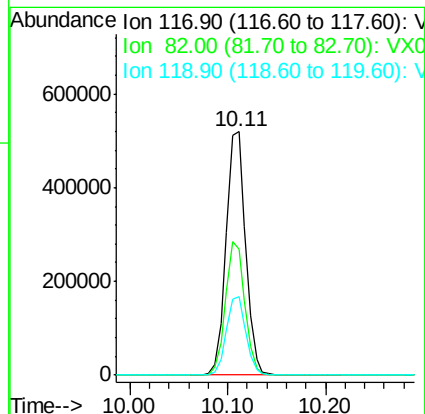
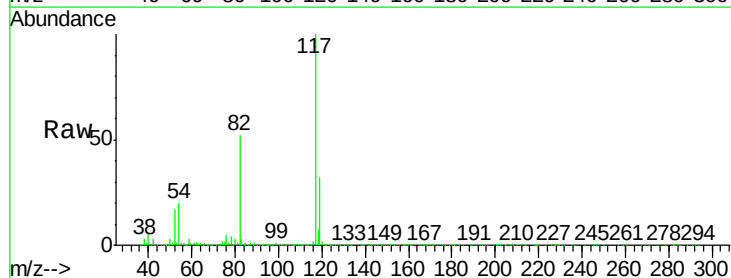
Tgt Ion: 117 Resp: 719348

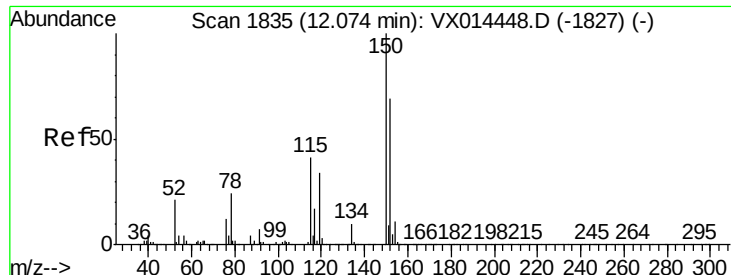
Ion Ratio Lower Upper

117 100

82 51.8 41.8 62.6

119 32.2 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014503.D

Acq: 09 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

MW-B

Tot Ion:152 Resp: 329308

Ion Ratio Lower Upper

152 100

115 55.5 39.5 118.3

150 158.6 0.0 350.2

