

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
 Data File : VX014467.D
 Acq On : 08 Jan 2020 13:38
 Operator : JC/SP
 Sample : L1034-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-C

Quant Time: Jan 08 15:49:07 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

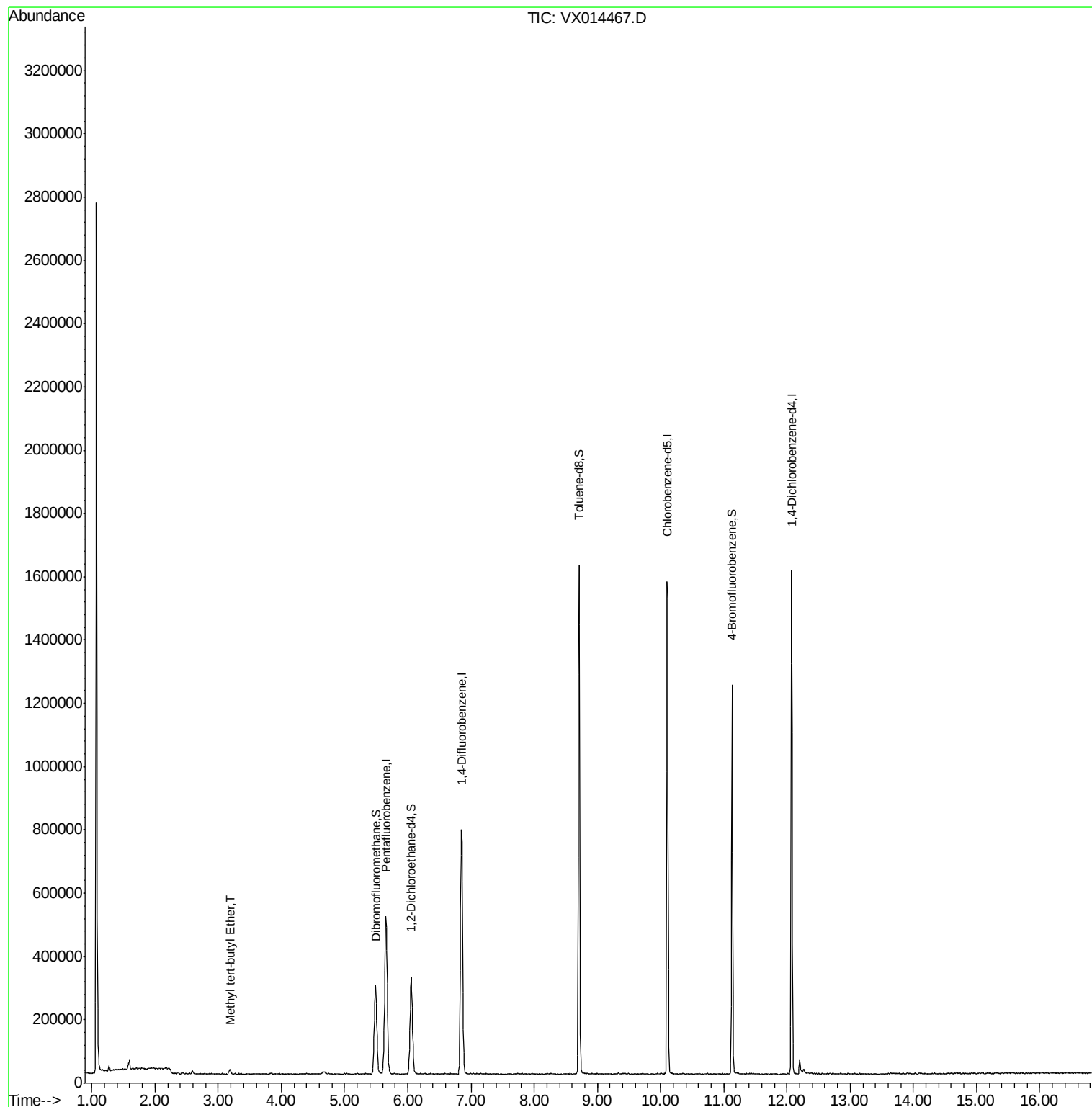
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	521363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	806029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	730732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	287501	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	5.49	113	236614	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
50) Toluene-d8	8.71	98	955245	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	326853	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
Target Compounds						
19) Methyl tert-butyl Ether	3.19	73	15565	0.942	ug/l #	88

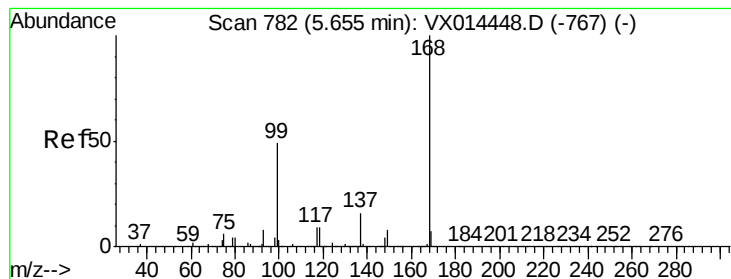
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014467.D

Acq: 08 Jan 2020 13:38

Instrument :

MSVOA_X

ClientSampled :

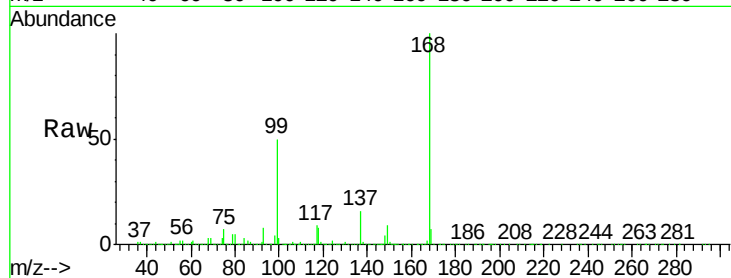
MW-C

Tgt Ion:168 Resp: 521363

Ion Ratio Lower Upper

168 100

99 50.1 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

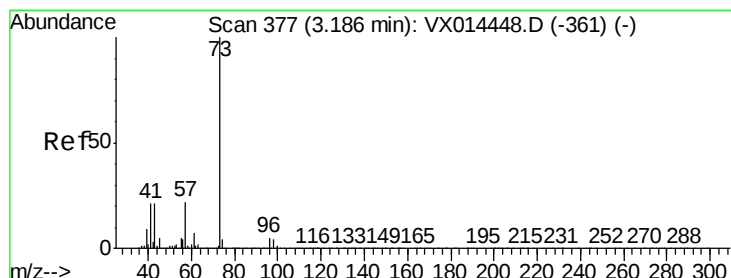
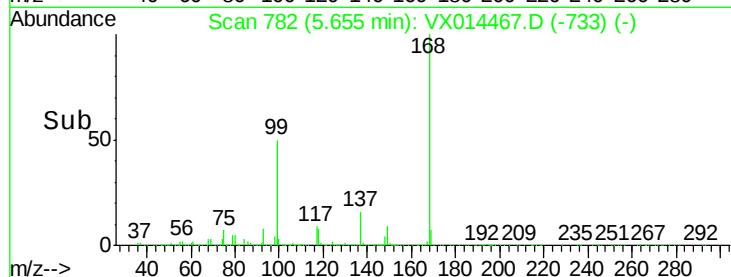
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#19

Methyl tert-butyl Ether

Concen: 0.942 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX014467.D

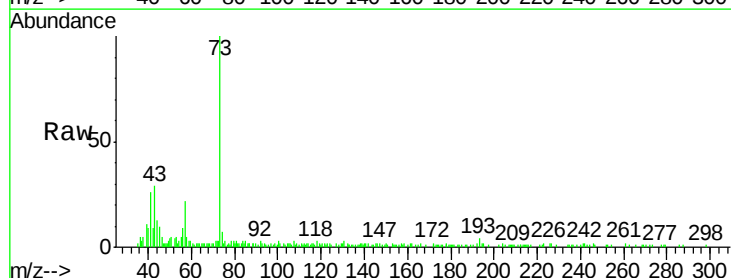
Acq: 08 Jan 2020 13:38

Tgt Ion: 73 Resp: 15565

Ion Ratio Lower Upper

73 100

57 16.7 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

8000

6000

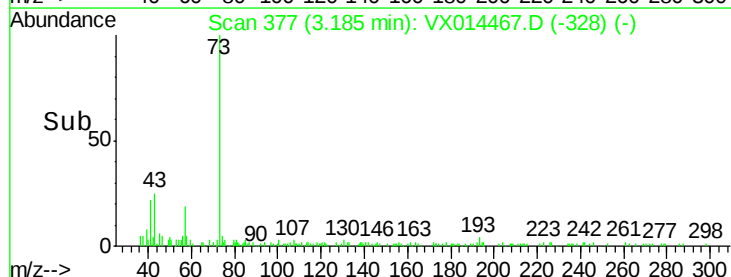
4000

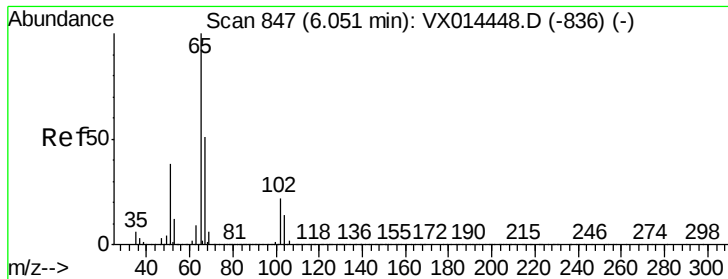
2000

0

Time-->

3.10 3.15 3.20 3.25





#33

1,2-Dichloroethane-d4

Concen: 49.397 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014467.D

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Instrument :

MSVOA_X

ClientSampleId :

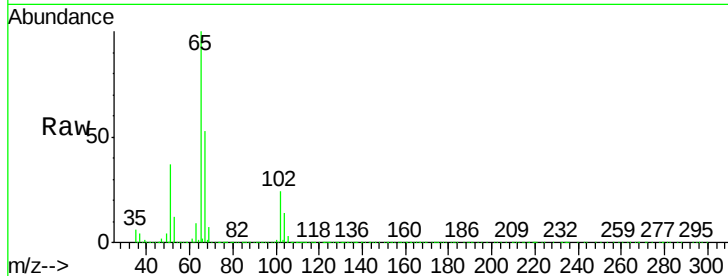
MW-C

Tgt Ion: 65 Resp: 287501

Ion Ratio Lower Upper

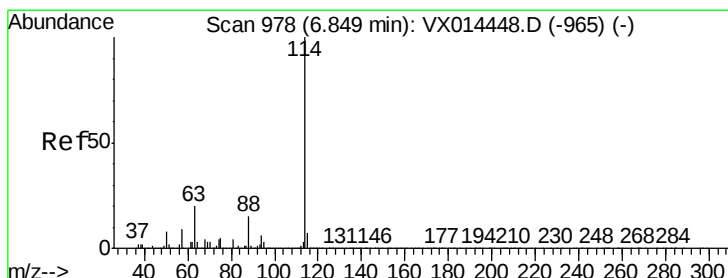
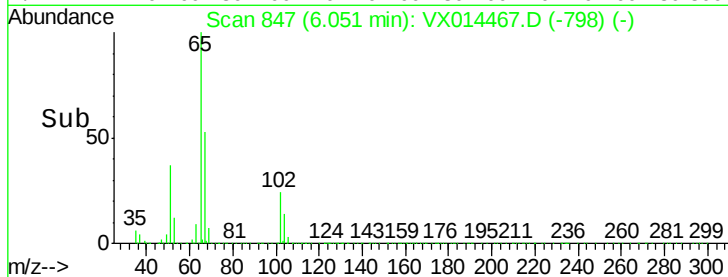
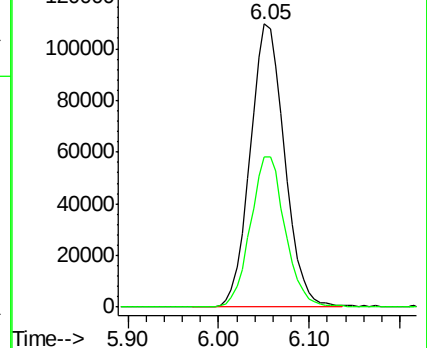
65 100

67 53.1 0.0 106.2



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014467.D

Acq: 08 Jan 2020 13:38

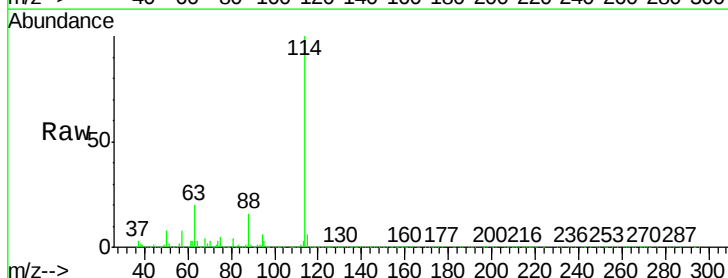
Tgt Ion: 114 Resp: 806029

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

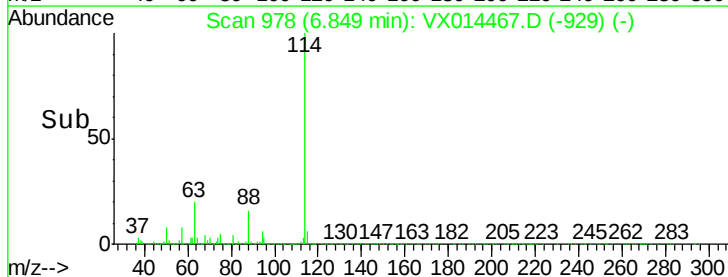
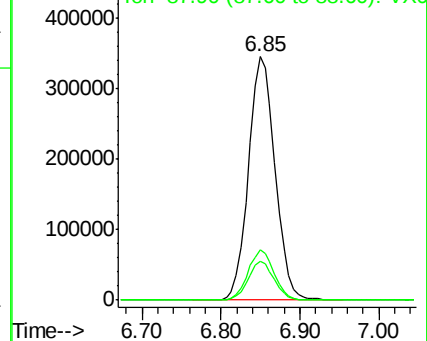
88 16.0 0.0 30.8

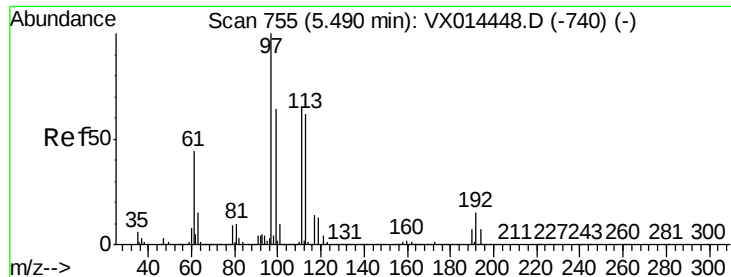


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.494 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014467.D

Acq: 08 Jan 2020 13:38

Instrument :

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ClientSampleId :

MW-C

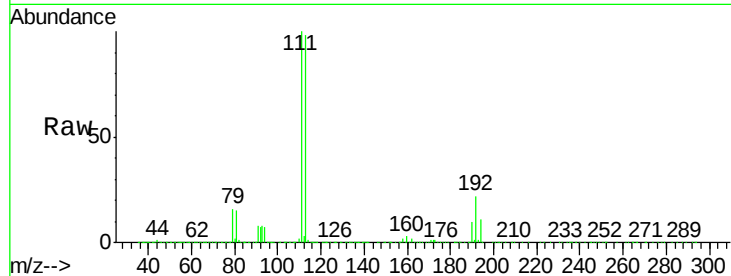
Tgt Ion: 113 Resp: 236614

Ion Ratio Lower Upper

113 100

111 103.7 81.5 122.3

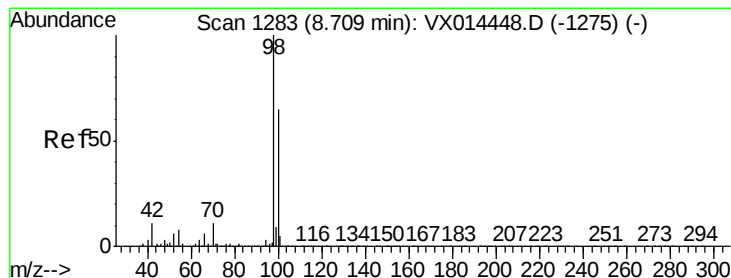
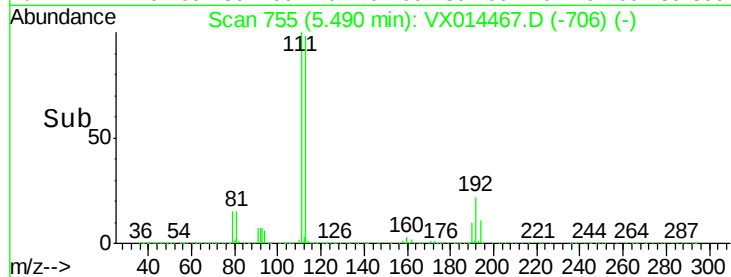
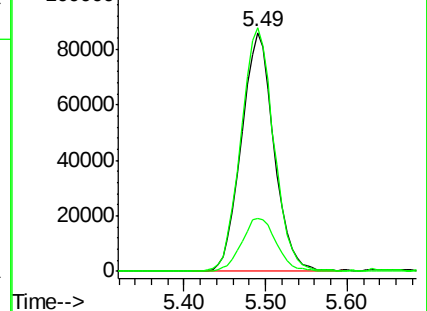
192 23.9 19.2 28.8



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: 50.449 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014467.D

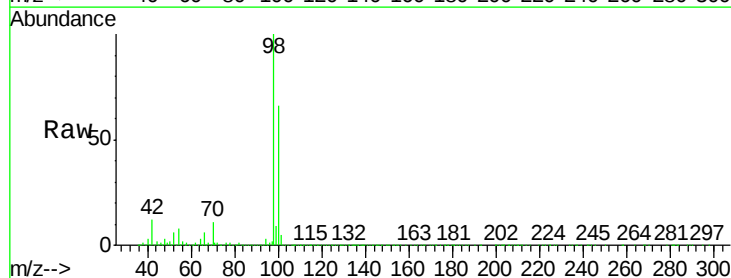
Acq: 08 Jan 2020 13:38

Tgt Ion: 98 Resp: 955245

Ion Ratio Lower Upper

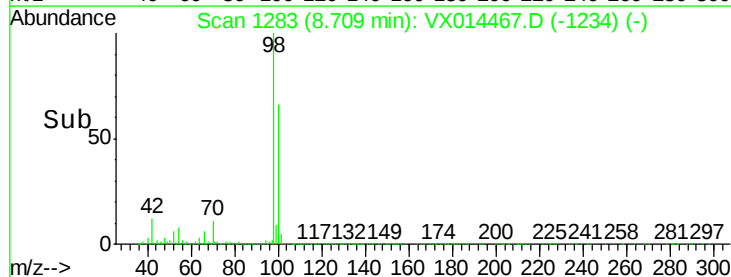
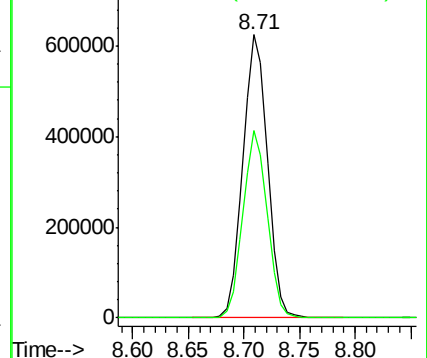
98 100

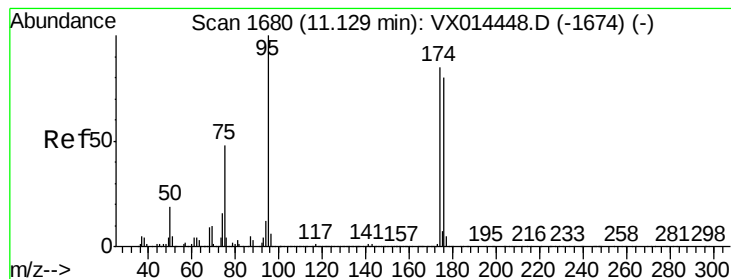
100 65.5 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.021 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014467.D

Acq: 08 Jan 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

MW-C

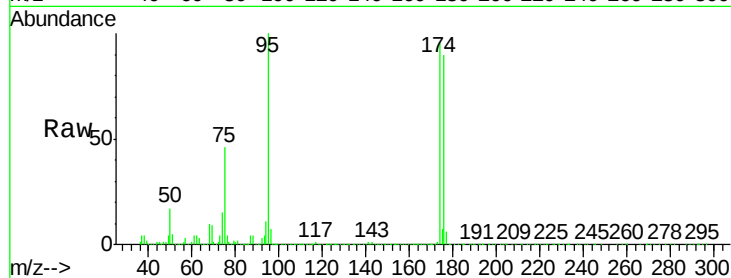
Tgt Ion: 95 Resp: 326853

Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.8

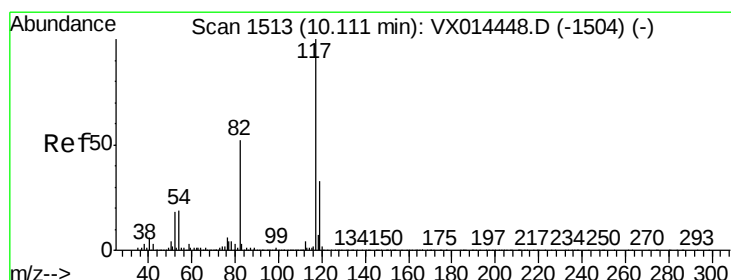
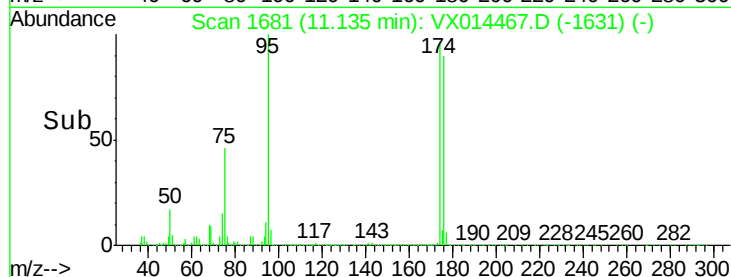
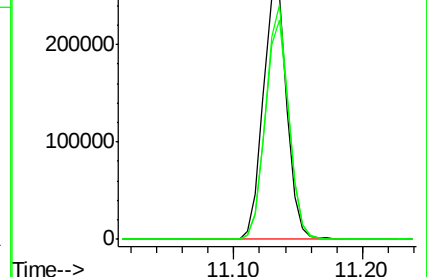
176 87.5 0.0 172.8



Abundance Ion 94.90 (94.60 to 95.60): VX014448.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX014448.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX014448.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014467.D

Acq: 08 Jan 2020 13:38

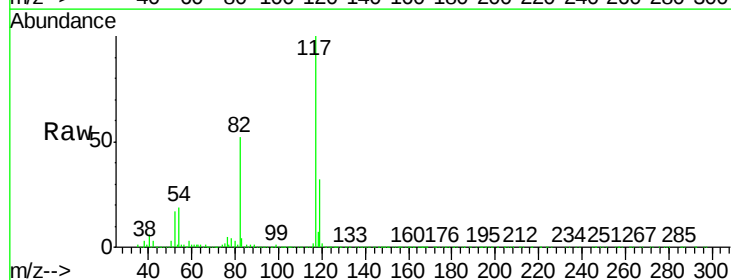
Tgt Ion: 117 Resp: 730732

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.6

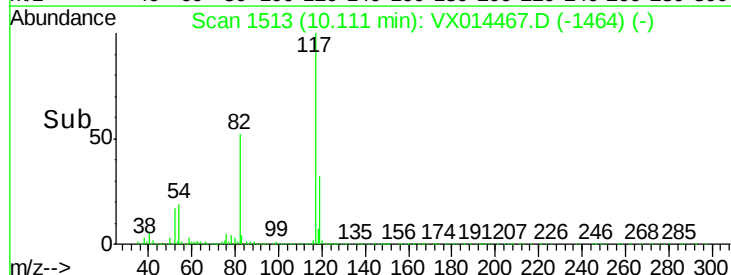
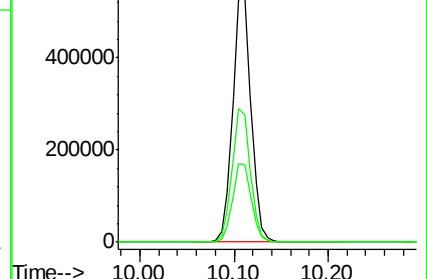
119 31.7 26.2 39.4

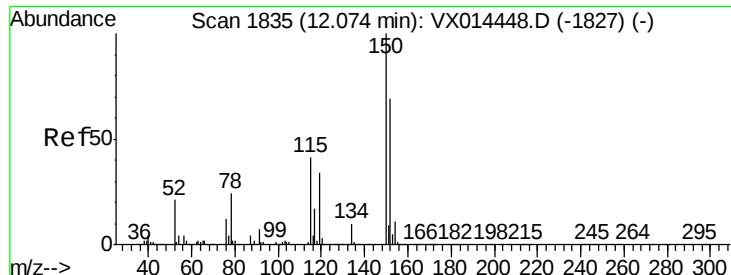


Abundance Ion 116.90 (116.60 to 117.60): VX014448.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014448.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014448.D (-1504) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014467.D

Acq: 08 Jan 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

MW-C

Tgt Ion:152 Resp: 333470

Ion Ratio Lower Upper

152 100

115 55.0 39.5 118.3

150 156.8 0.0 350.2

