

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014209.D
 Acq On : 23 Dec 2019 17:56
 Operator : JC/SP
 Sample : K6387-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Quant Time: Dec 24 03:22:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

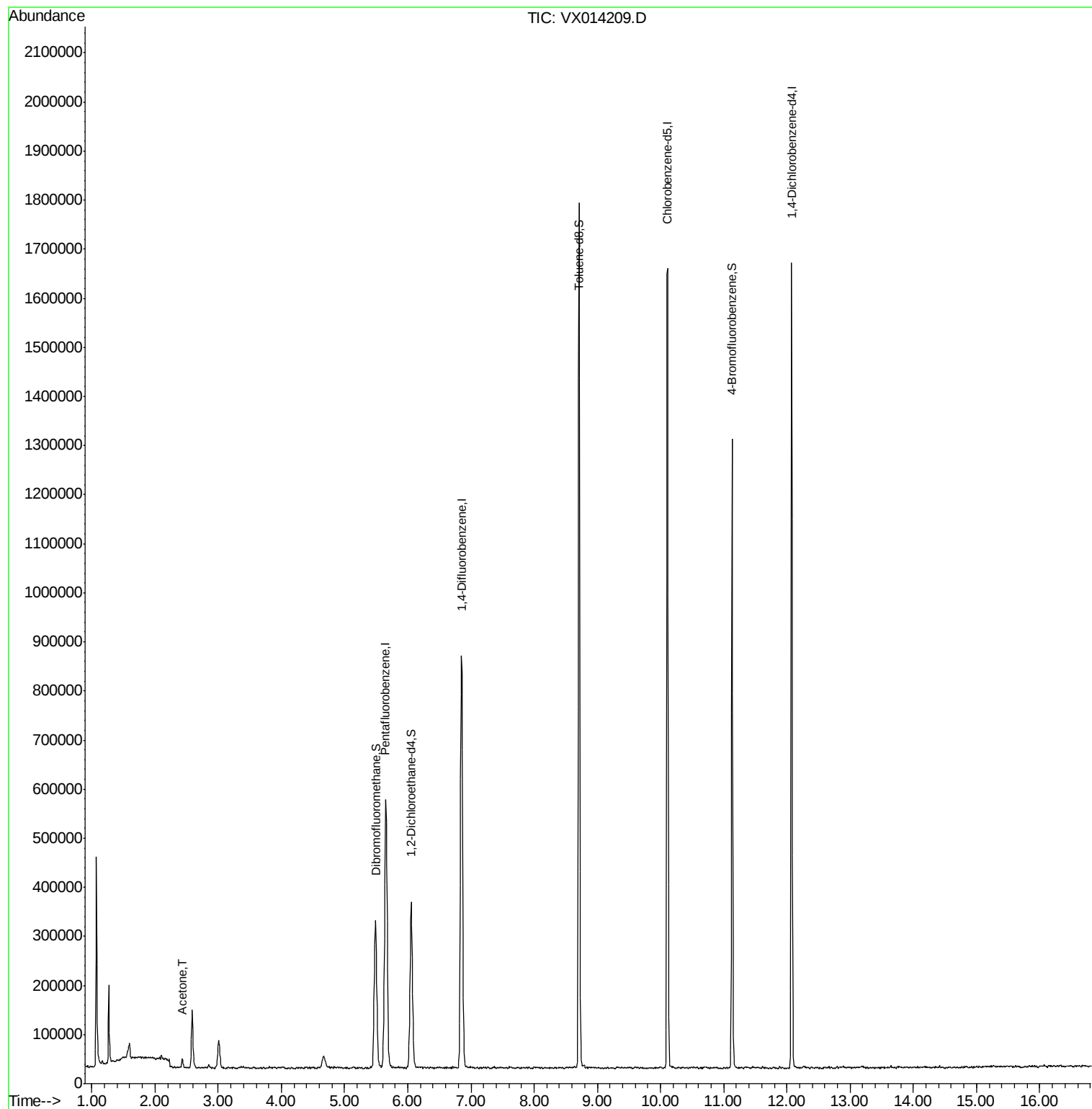
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	573051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	880123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	777429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	314314	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
35) Dibromofluoromethane	5.49	113	258779	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	8.71	98	1035488	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.13	95	347552	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
Target Compounds						
16) Acetone	2.43	43	18236	4.325	ug/l	Qvalue 95

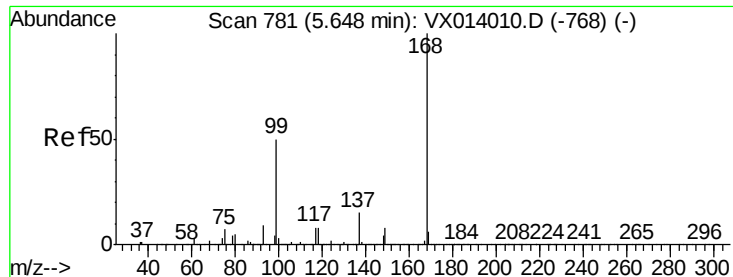
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014209.D

Acq: 23 Dec 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

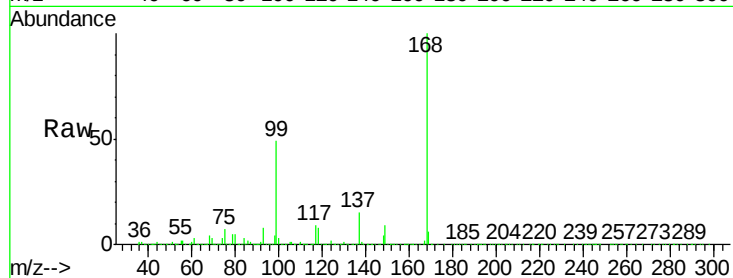
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Tot Ion:168 Resp: 573051

Ion Ratio Lower Upper

168 100

99 48.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

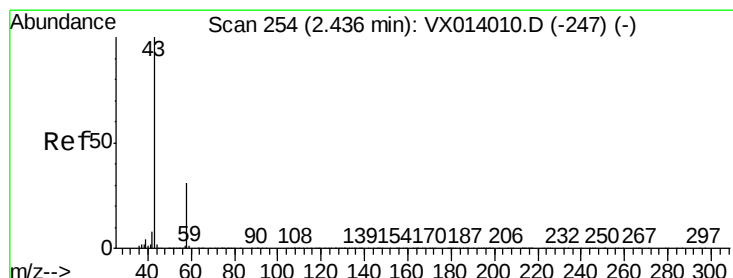
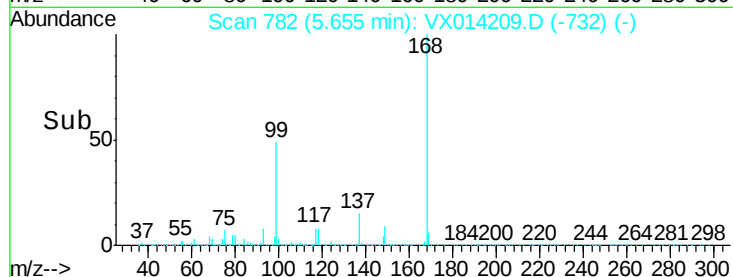
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.325 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014209.D

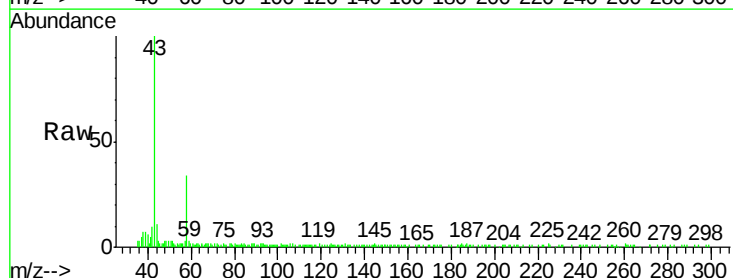
Acq: 23 Dec 2019 17:56

Tgt Ion: 43 Resp: 18236

Ion Ratio Lower Upper

43 100

58 33.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

12000

10000

8000

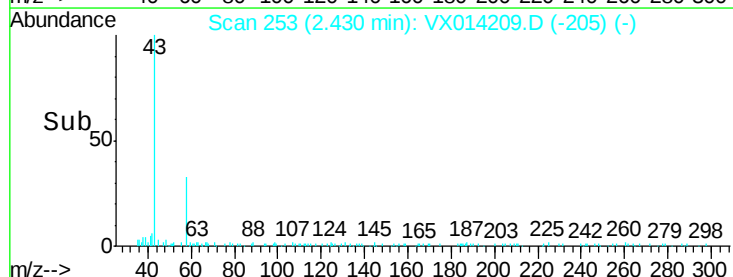
6000

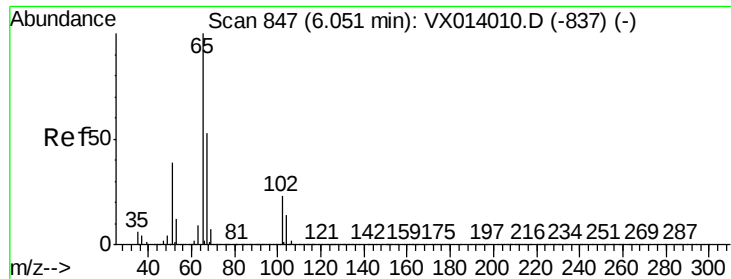
4000

2000

0

Time--> 2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 48.395 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014209.D

Acq: 23 Dec 2019 17:56

Instrument :

MSVOA_X

ClientSampled :

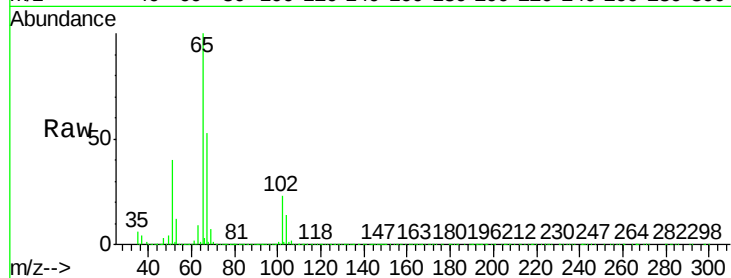
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Tot Ion: 65 Resp: 314314

Ion Ratio Lower Upper

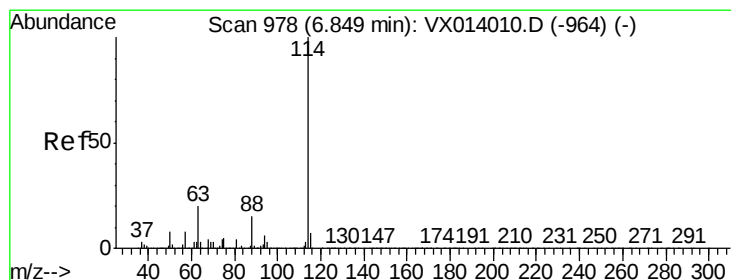
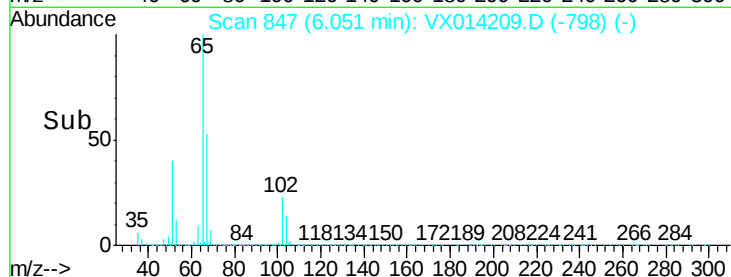
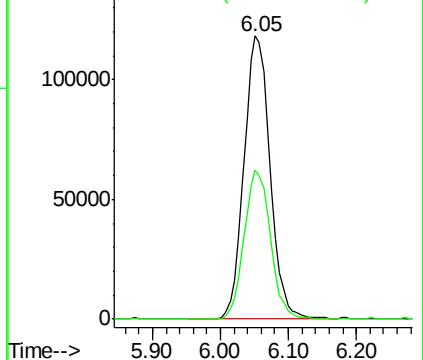
65 100

67 52.9 0.0 106.4



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014209.D

Acq: 23 Dec 2019 17:56

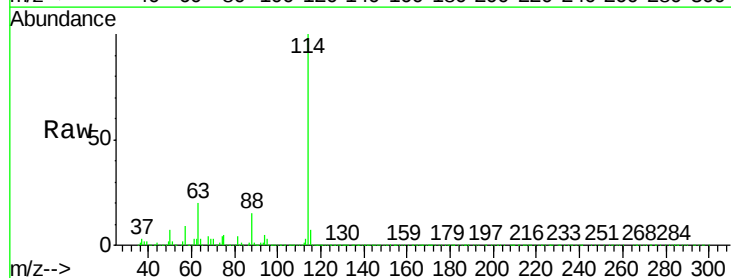
Tgt Ion: 114 Resp: 880123

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

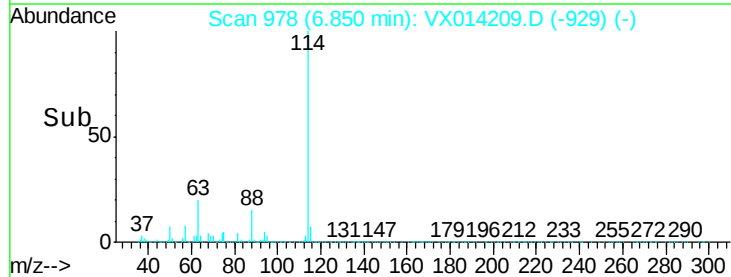
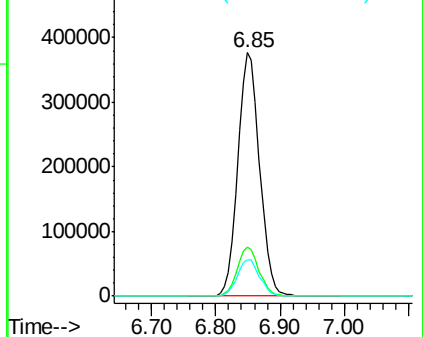
88 14.8 0.0 30.4



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: 48.368 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014209.D

Acq: 23 Dec 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

FIELD-BLANK

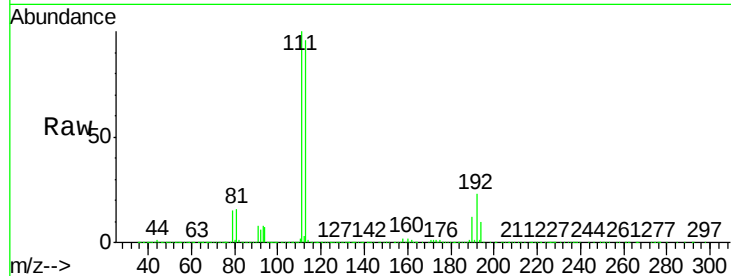
Tot Ion:113 Resp: 258779

Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

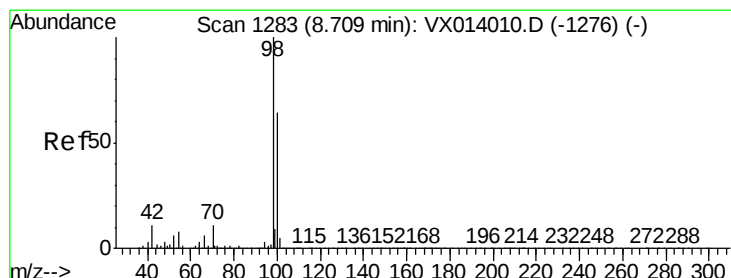
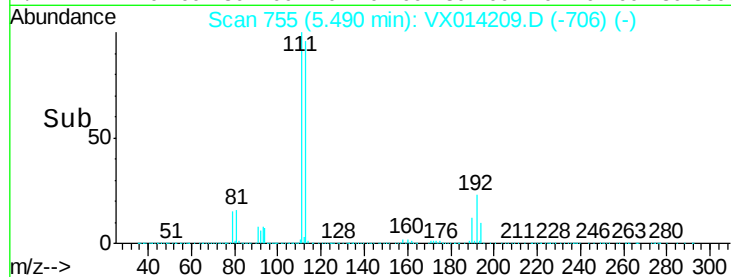
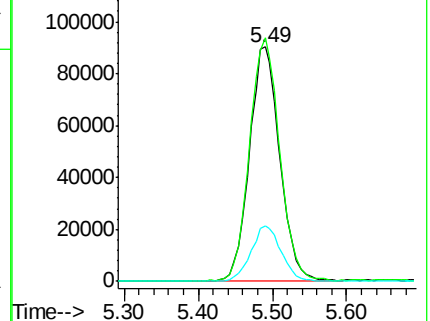
192 23.5 19.3 28.9



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: 49.712 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014209.D

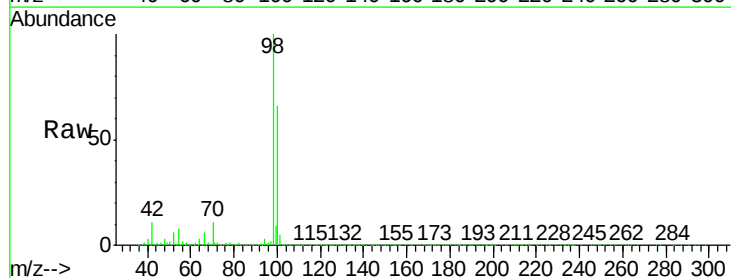
Acq: 23 Dec 2019 17:56

Tgt Ion: 98 Resp: 1035488

Ion Ratio Lower Upper

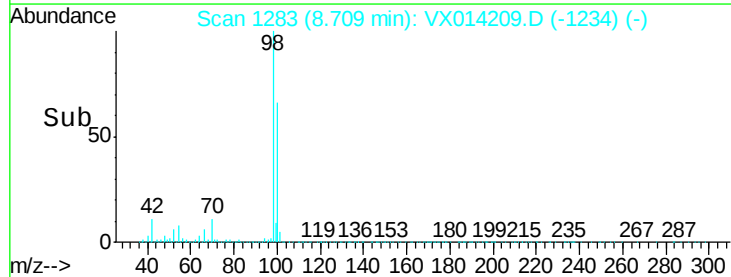
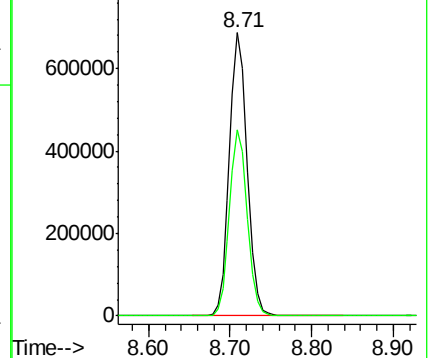
98 100

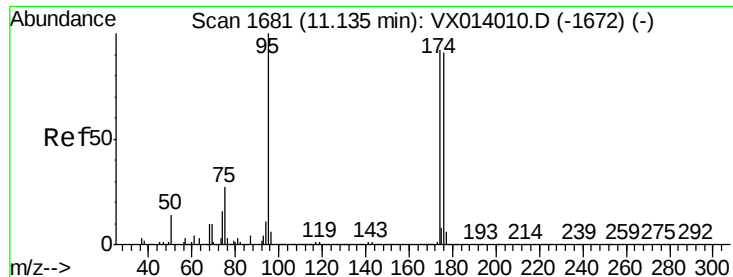
100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.646 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014209.D

Acq: 23 Dec 2019 17:56

Instrument :

MSVOA_X

ClientSampleId :

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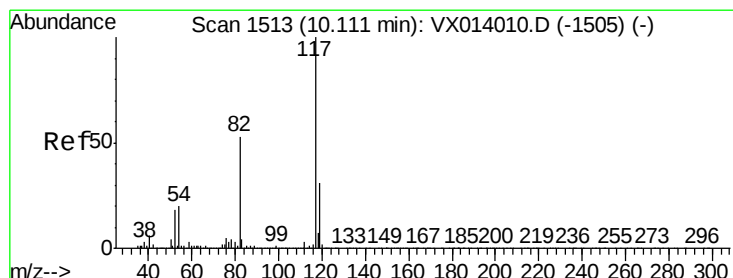
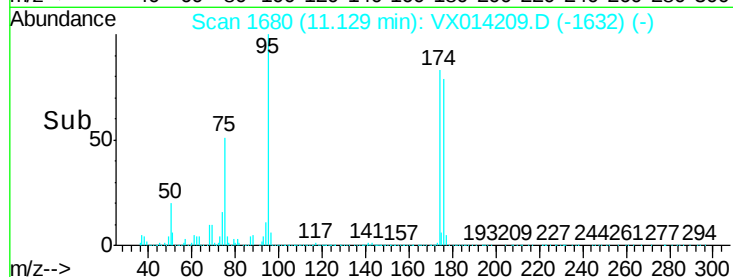
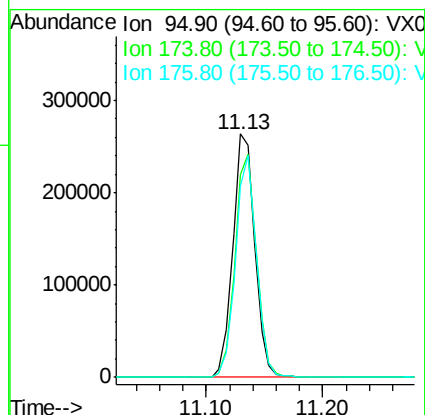
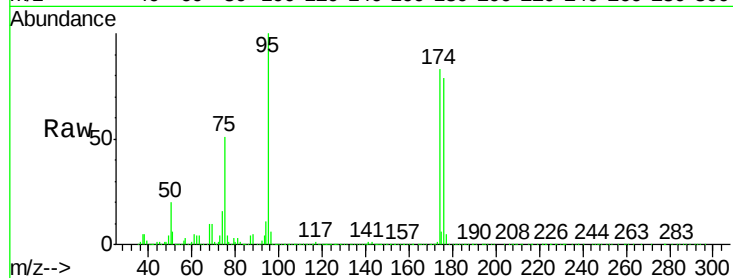
Tot Ion: 95 Resp: 347552

Ion Ratio Lower Upper

95 100

174 89.9 0.0 175.8

176 86.8 0.0 173.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014209.D

Acq: 23 Dec 2019 17:56

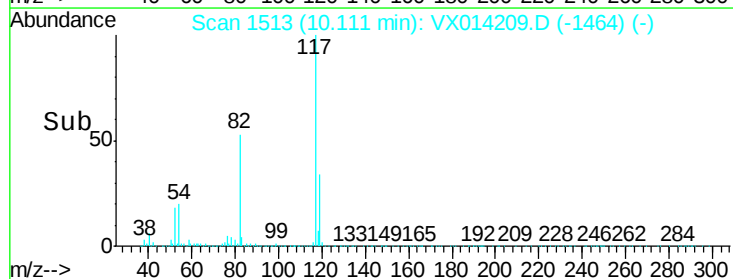
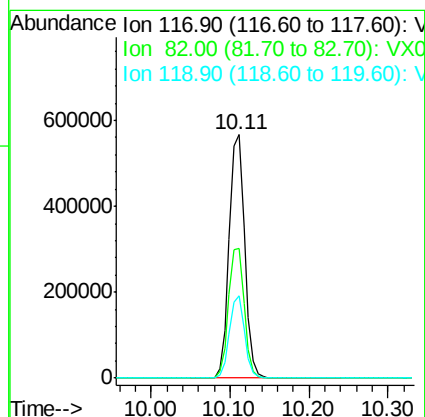
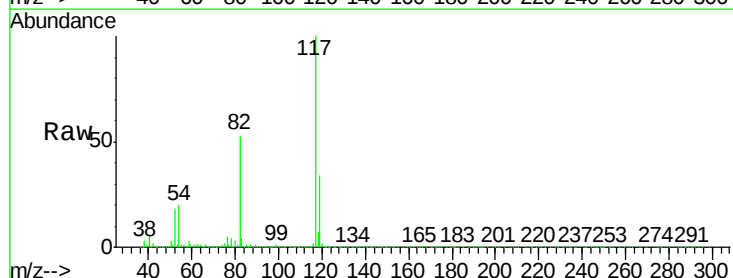
Tgt Ion: 117 Resp: 777429

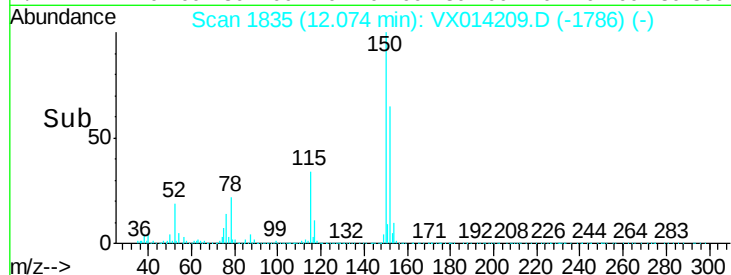
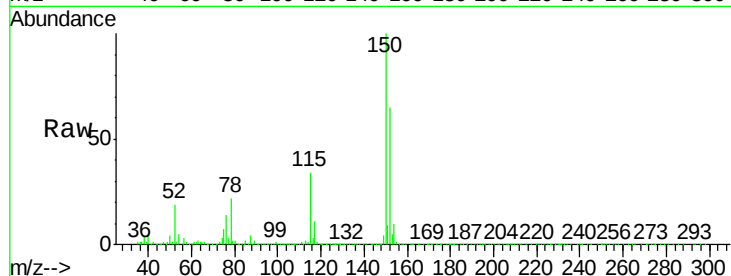
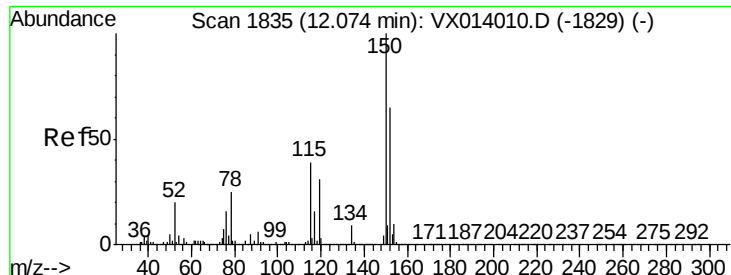
Ion Ratio Lower Upper

117 100

82 53.4 42.2 63.4

119 33.6 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX014209.D
 Acq: 23 Dec 2019 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.3	114.9
150	154.4	0.0	345.4

