

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014360.D
 Acq On : 30 Dec 2019 17:43
 Operator : JC/SP
 Sample : K6460-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-7

Quant Time: Dec 31 03:23:36 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

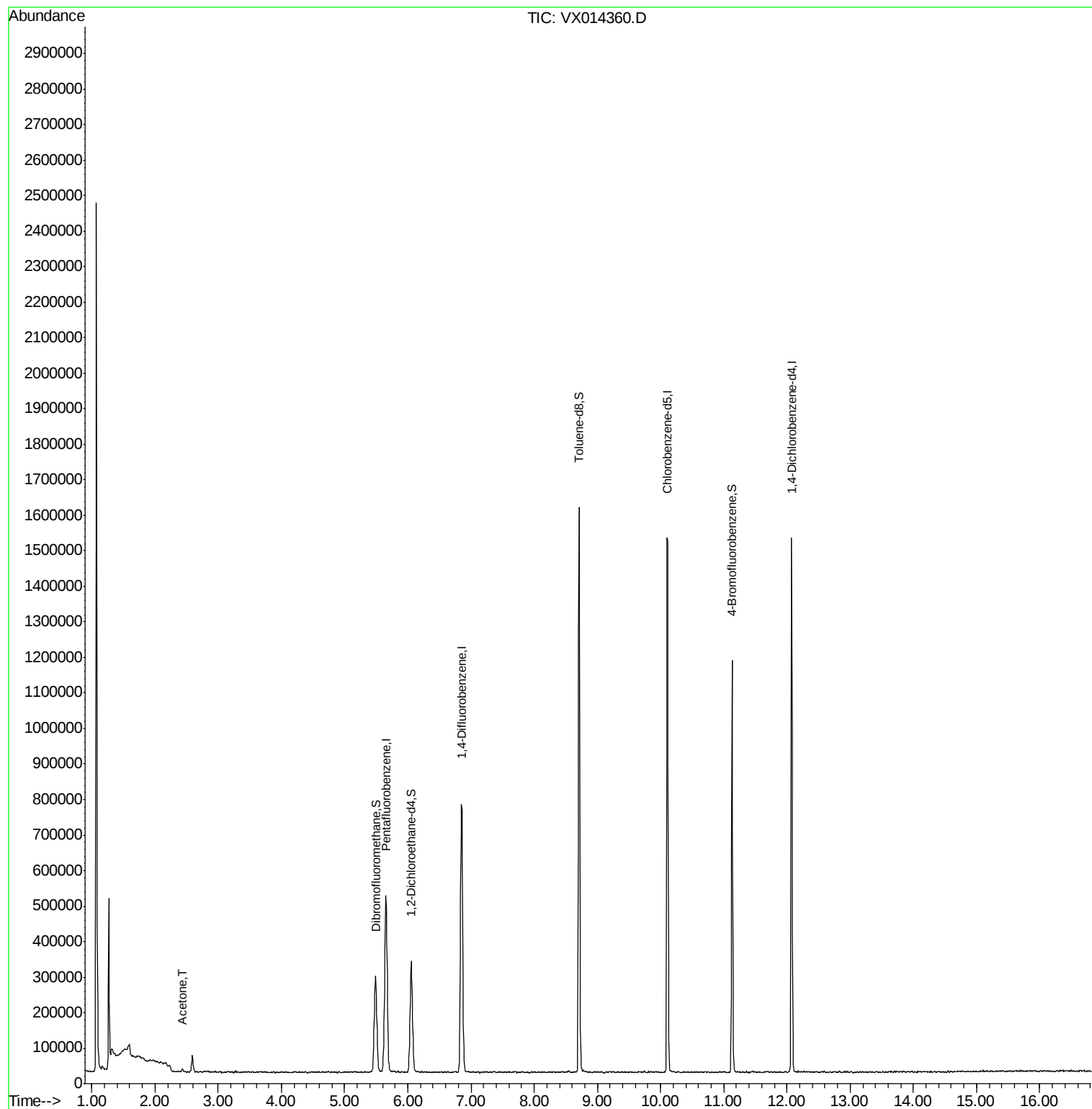
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	511477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	788420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	703294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	286540	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
35) Dibromofluoromethane	5.49	113	237190	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.71	98	938483	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	315275	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
Target Compounds						
16) Acetone	2.43	43	9115	2.422	ug/l	Qvalue 96

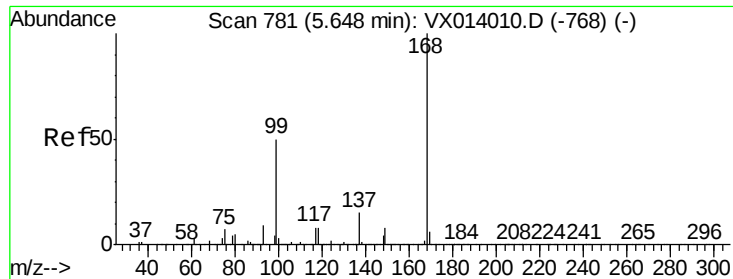
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014360.D

Acq: 30 Dec 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

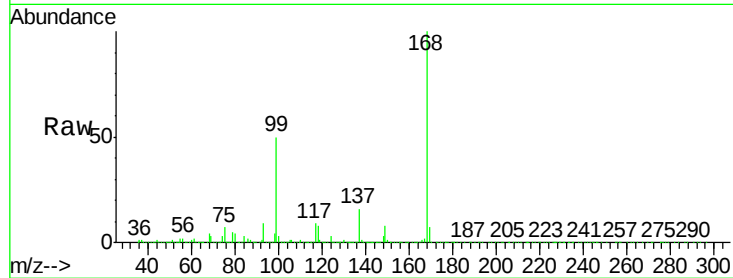
GW-7

Tot Ion:168 Resp: 511477

Ion Ratio Lower Upper

168 100

99 49.9 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

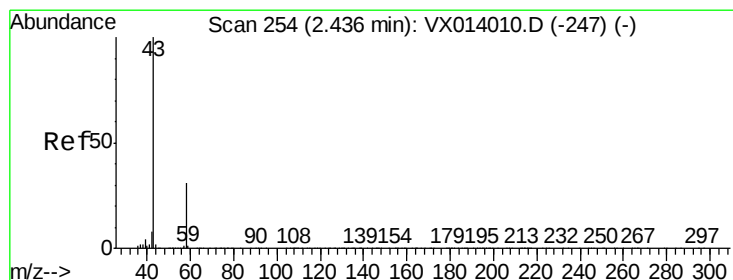
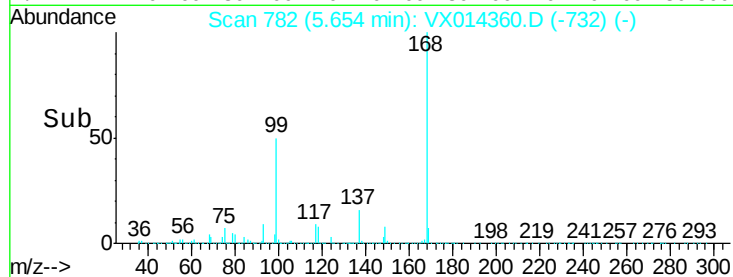
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.422 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014360.D

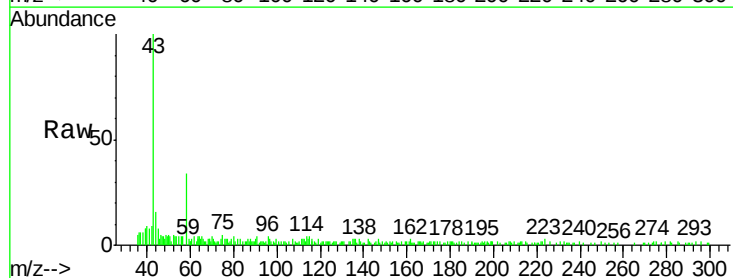
Acq: 30 Dec 2019 17:43

Tgt Ion: 43 Resp: 9115

Ion Ratio Lower Upper

43 100

58 33.1 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

6000

5000

4000

3000

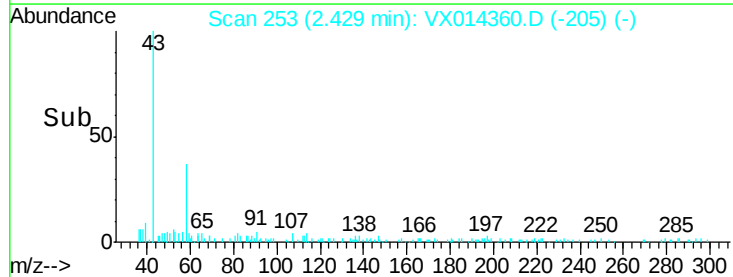
2000

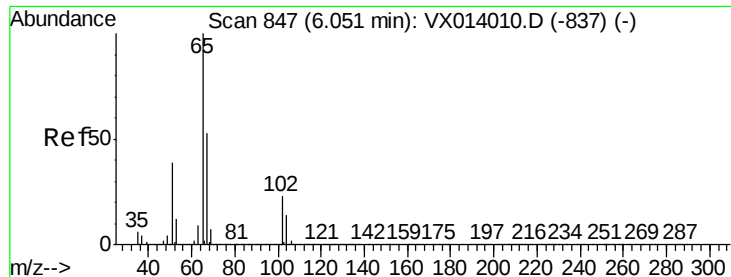
1000

0

Time-->

2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 49.430 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014360.D

Acq: 30 Dec 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

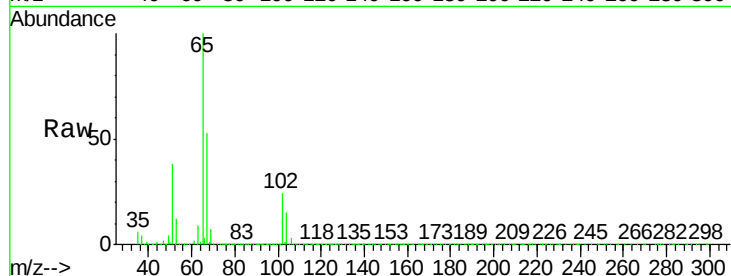
GW-7

Tot Ion: 65 Resp: 286540

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

120000

100000

80000

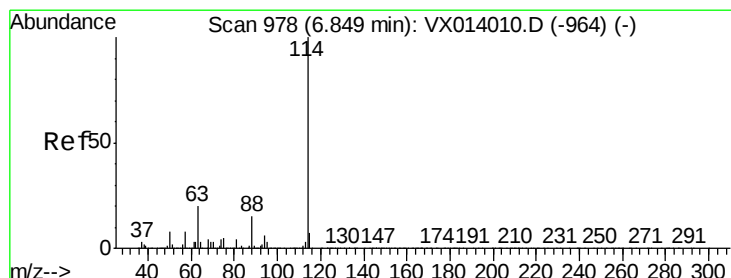
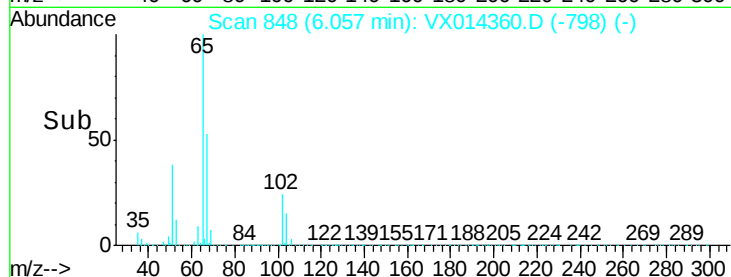
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014360.D

Acq: 30 Dec 2019 17:43

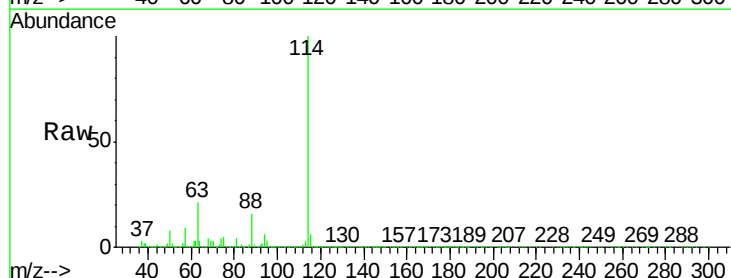
Tgt Ion: 114 Resp: 788420

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 15.8 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

6.85

400000

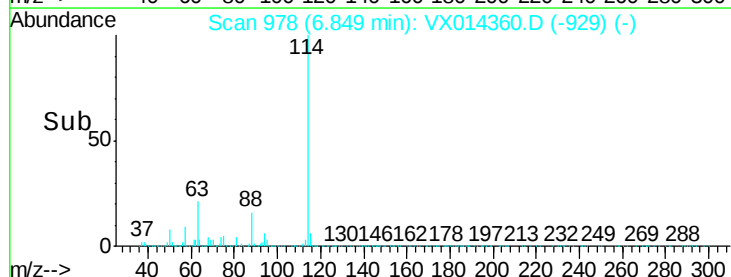
300000

200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.490 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014360.D

Acq: 30 Dec 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

GW-7

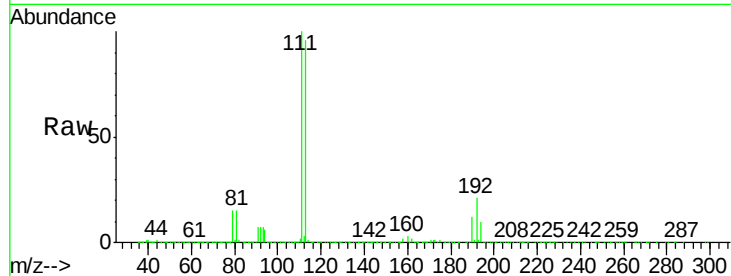
Tot Ion:113 Resp: 237190

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

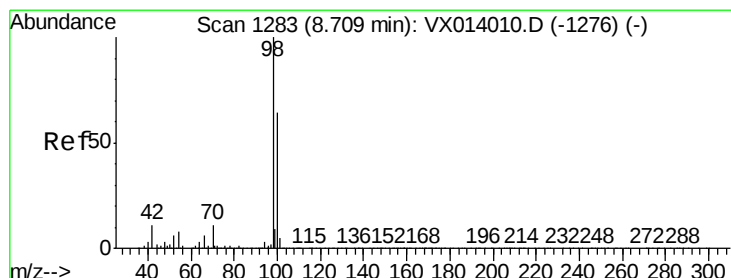
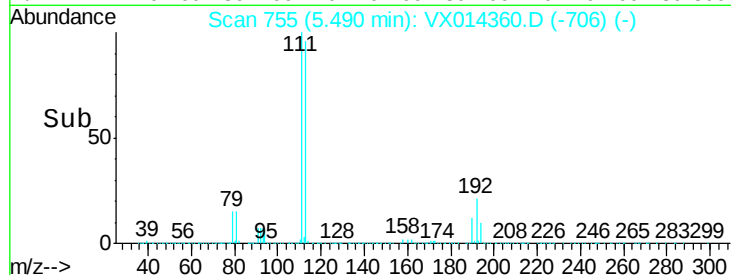
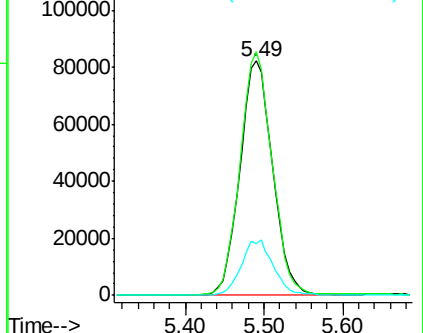
192 23.4 19.3 28.9



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: 50.296 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014360.D

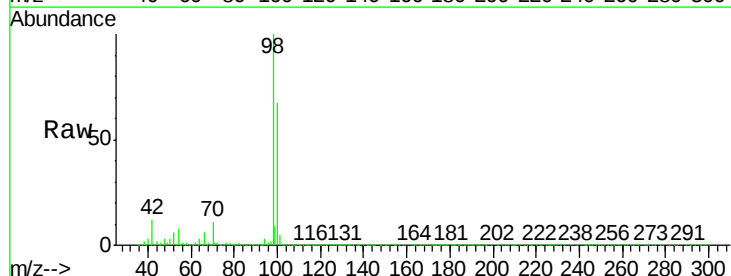
Acq: 30 Dec 2019 17:43

Tgt Ion: 98 Resp: 938483

Ion Ratio Lower Upper

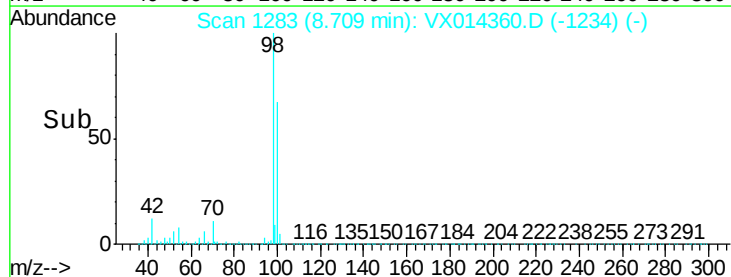
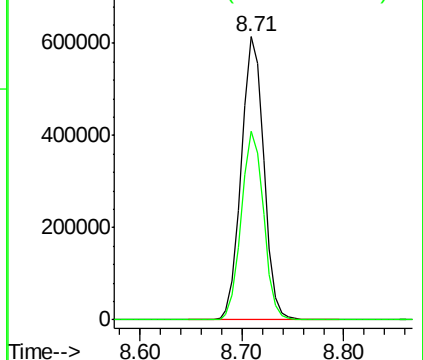
98 100

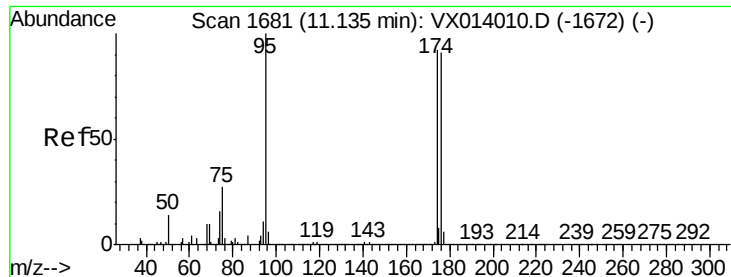
100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.223 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014360.D

Acq: 30 Dec 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

GW-7

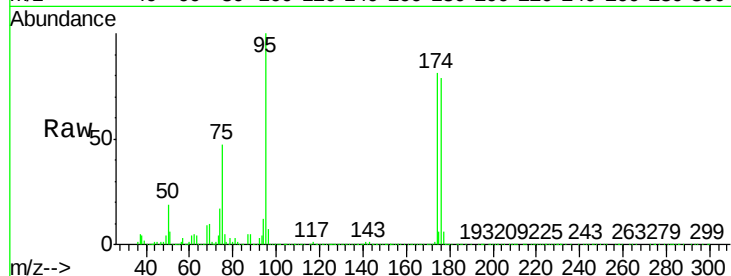
Tot Ion: 95 Resp: 315275

Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.8

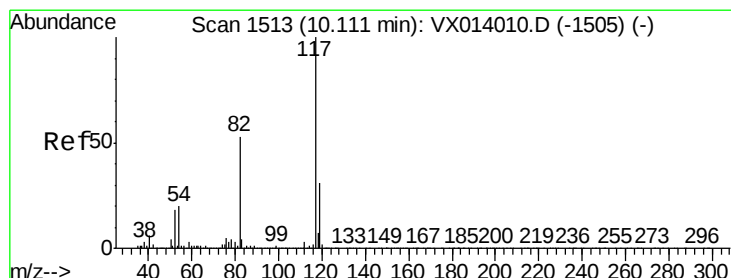
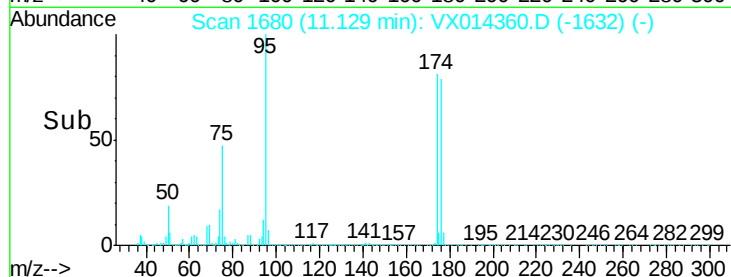
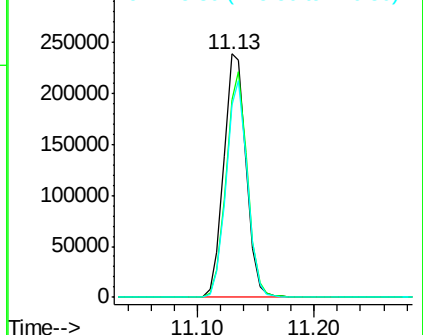
176 85.1 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014360.D

Acq: 30 Dec 2019 17:43

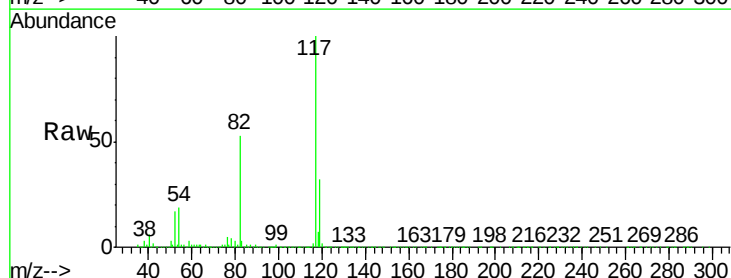
Tgt Ion: 117 Resp: 703294

Ion Ratio Lower Upper

117 100

82 52.5 42.2 63.4

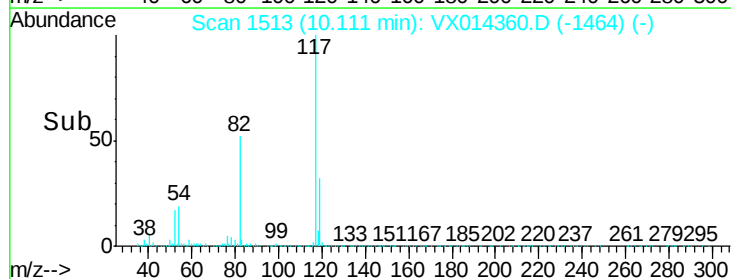
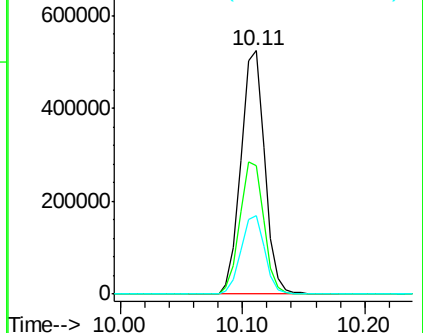
119 32.4 25.1 37.7

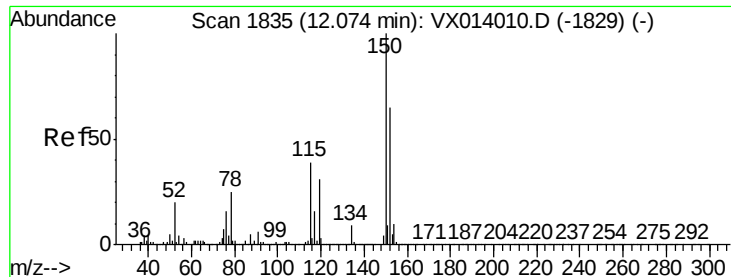


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014360.D

Acq: 30 Dec 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

GW-7

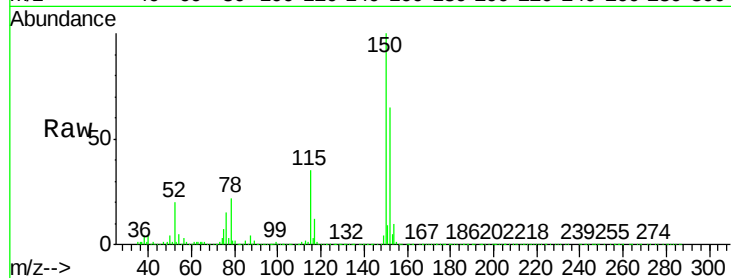
Tot Ion:152 Resp: 319181

Ion Ratio Lower Upper

152 100

115 54.7 38.3 114.9

150 154.4 0.0 345.4



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

