

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014144.D
 Acq On : 20 Dec 2019 01:46
 Operator : JC/SP
 Sample : K6372-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Quant Time: Dec 20 04:46:42 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

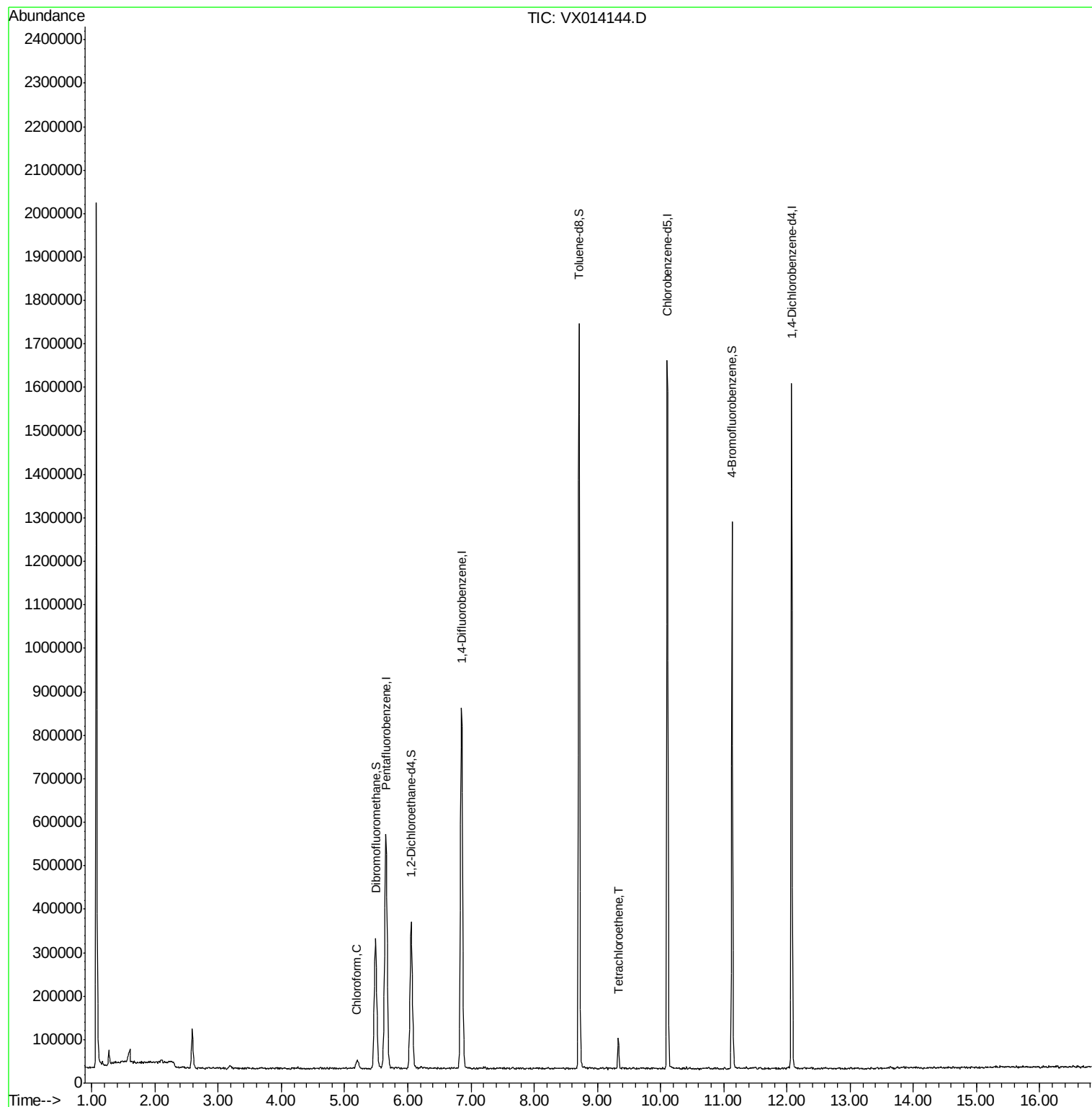
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	564349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	857434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	763336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	334734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	309949	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
35) Dibromofluoromethane	5.49	113	256442	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	8.71	98	1012648	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.14	95	342669	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
Target Compounds						
30) Chloroform	5.20	83	26465	2.598	ug/l	89
64) Tetrachloroethene	9.33	164	14248	2.109	ug/l	96

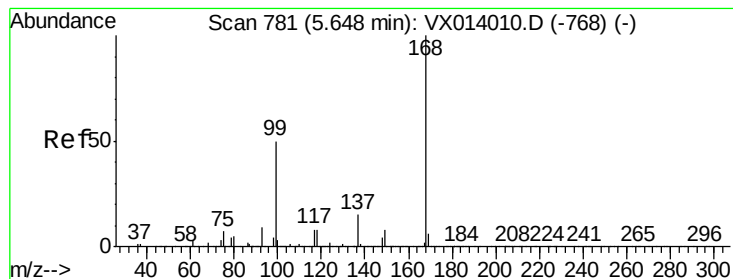
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014144.D

Acq: 20 Dec 2019 01:46

Instrument :

MSVOA_X

ClientSampleId :

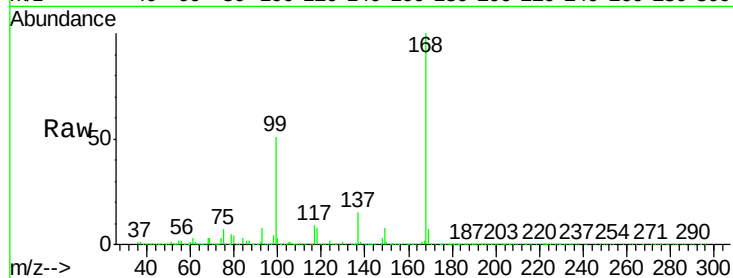
MW-17

Tot Ion:168 Resp: 564349

Ion Ratio Lower Upper

168 100

99 51.2 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

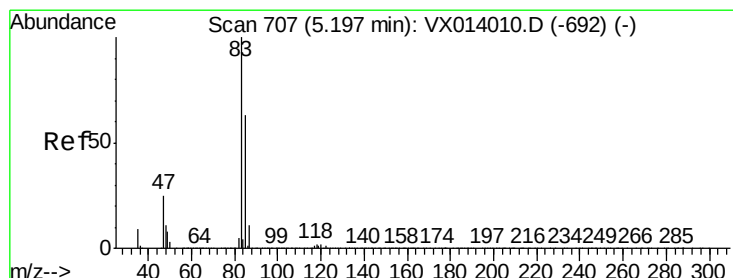
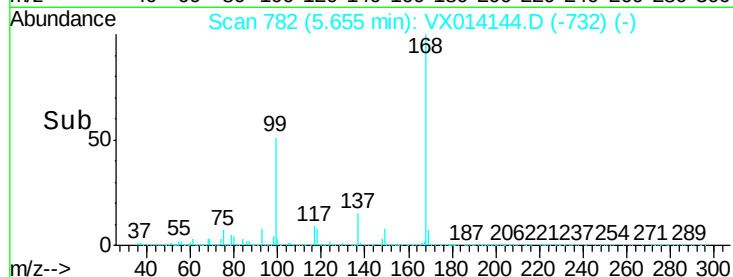
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#30

Chloroform

Concen: 2.598 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014144.D

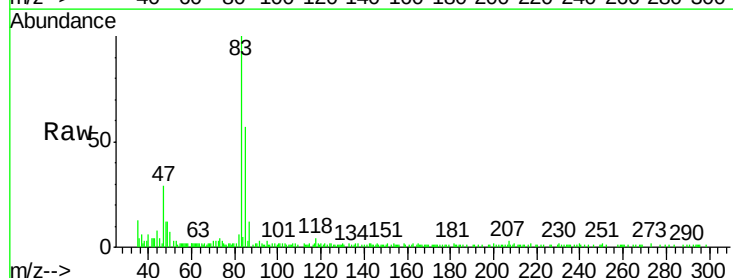
Acq: 20 Dec 2019 01:46

Tgt Ion: 83 Resp: 26465

Ion Ratio Lower Upper

83 100

85 55.2 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.20

10000

8000

6000

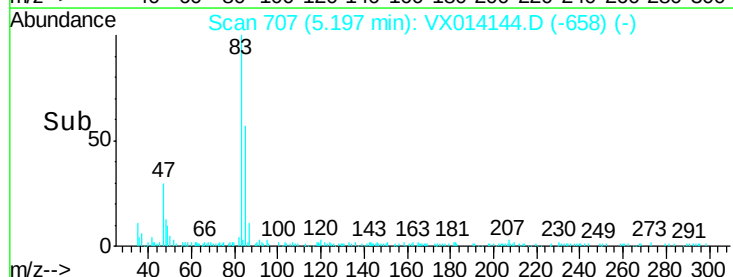
4000

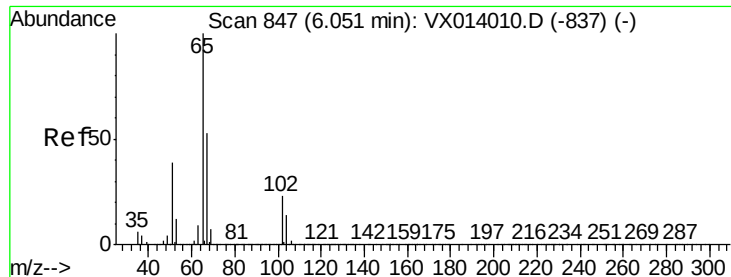
2000

0

Time-->

5.10 5.20 5.30





#33

1,2-Dichloroethane-d4

Concen: 48.459 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014144.D

Acq: 20 Dec 2019 01:46

Instrument :

MSVOA_X

ClientSampleId :

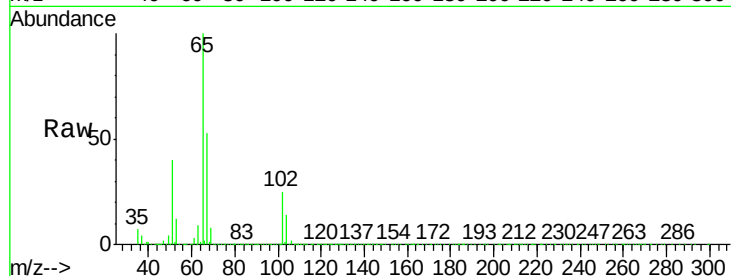
MW-17

Tot Ion: 65 Resp: 309949

Ion Ratio Lower Upper

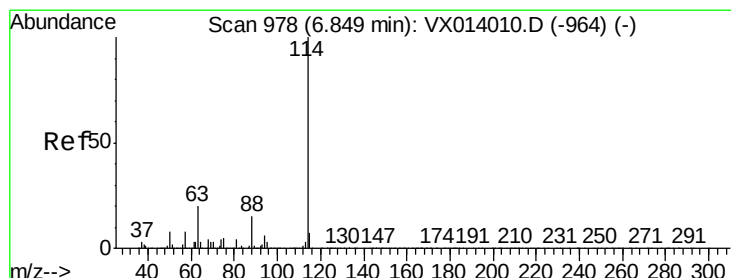
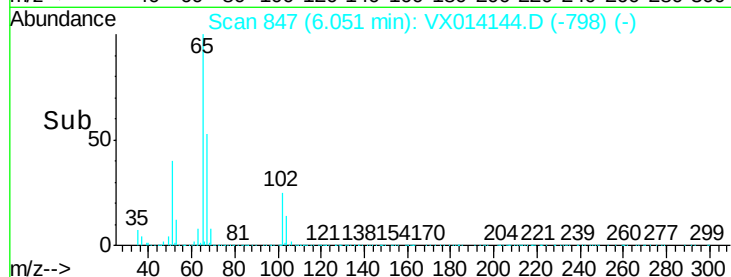
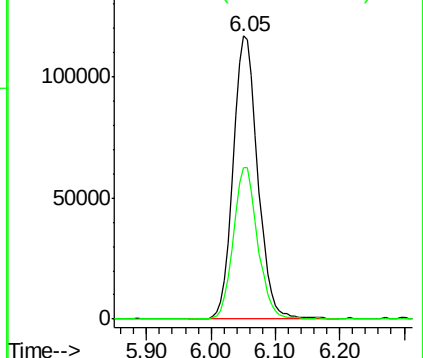
65 100

67 52.6 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: VX014144.D

Acq: 20 Dec 2019 01:46

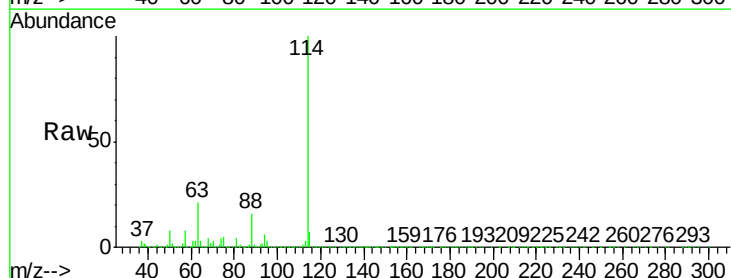
Tgt Ion: 114 Resp: 857434

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

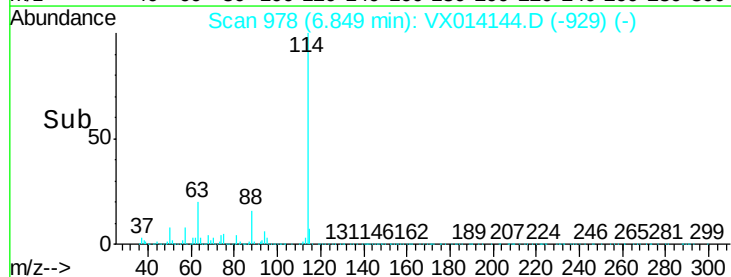
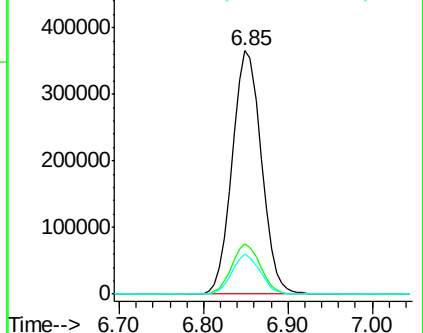
88 16.4 0.0 30.4

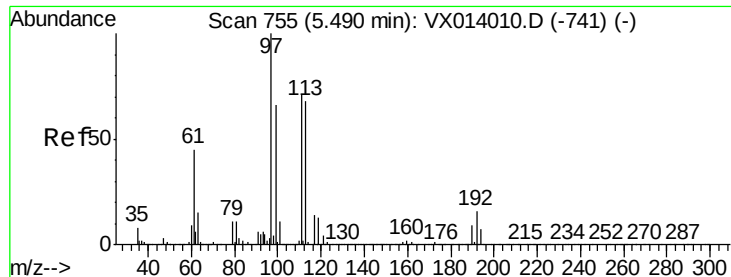


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.200 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014144.D

Acq: 20 Dec 2019 01:46

Instrument :

MSVOA_X

ClientSampleId :

MW-17

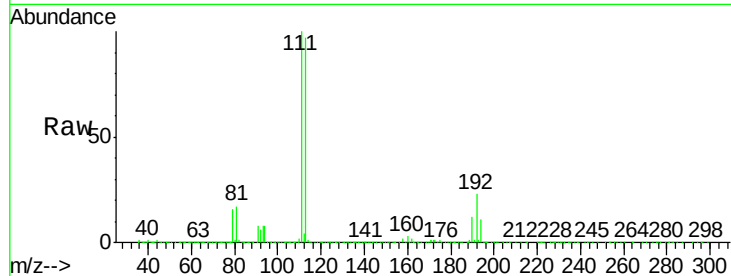
Tot Ion:113 Resp: 256442

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

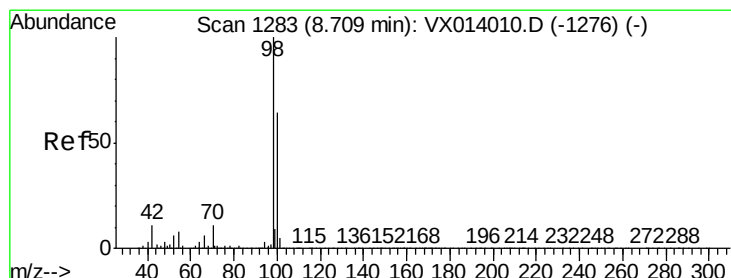
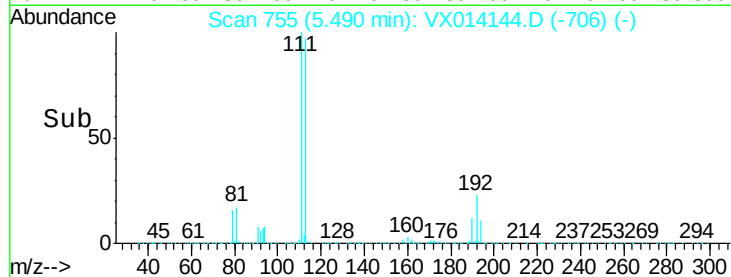
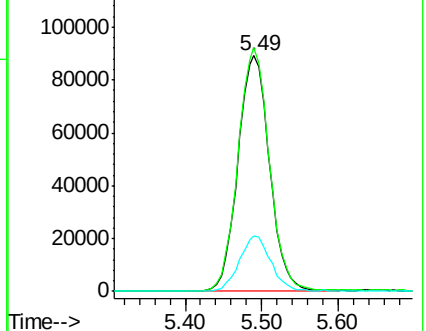
192 23.6 19.3 28.9



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: 49.902 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014144.D

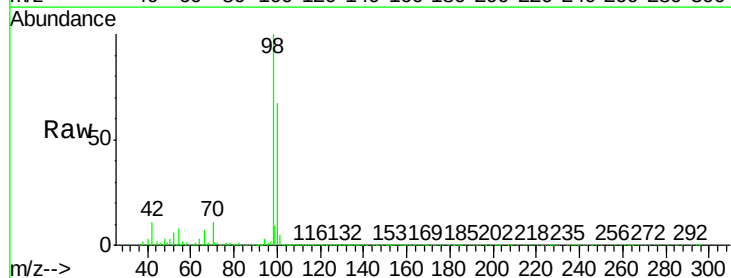
Acq: 20 Dec 2019 01:46

Tgt Ion: 98 Resp: 1012648

Ion Ratio Lower Upper

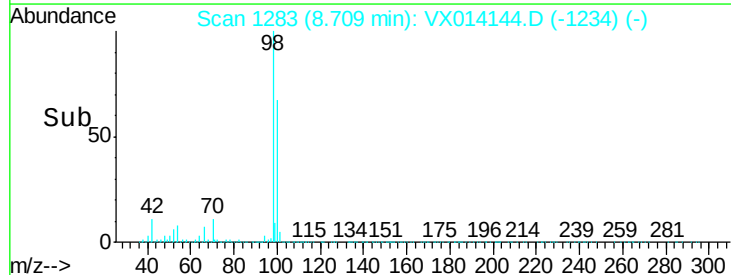
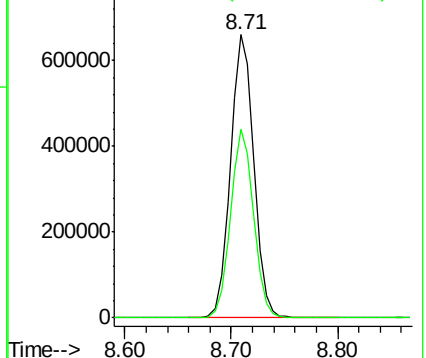
98 100

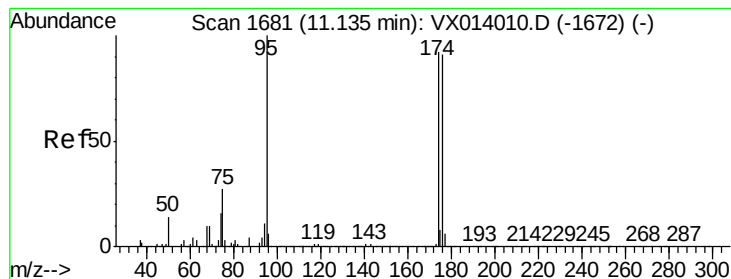
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.195 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014144.D

Acq: 20 Dec 2019 01:46

Instrument :

MSVOA_X

ClientSampleId :

MW-17

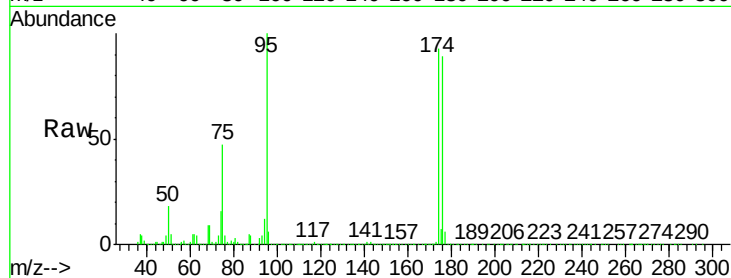
Tot Ion: 95 Resp: 342669

Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.8

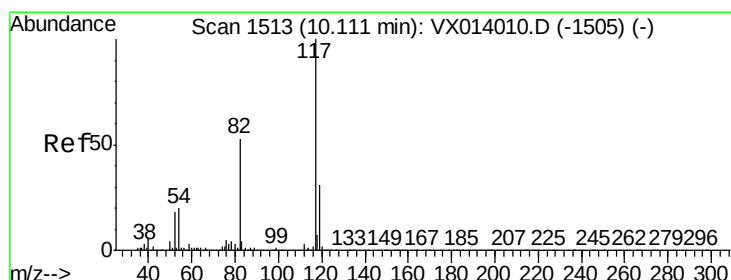
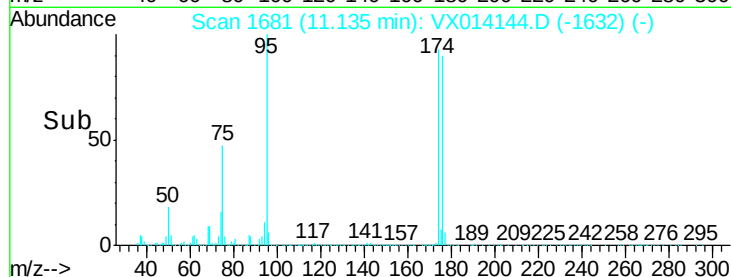
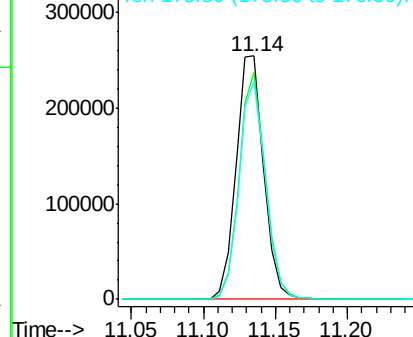
176 85.5 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX014010.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX014010.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX014010.D (-1672) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014144.D

Acq: 20 Dec 2019 01:46

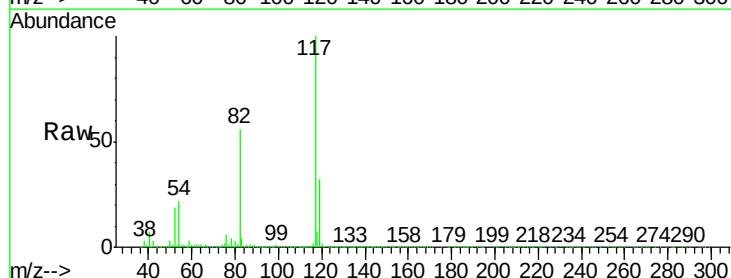
Tgt Ion: 117 Resp: 763336

Ion Ratio Lower Upper

117 100

82 55.6 42.2 63.4

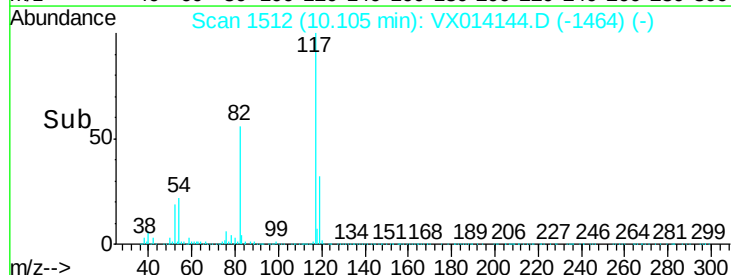
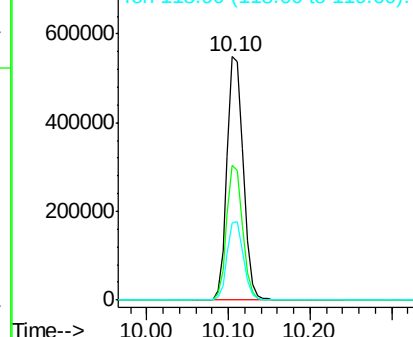
119 31.9 25.1 37.7

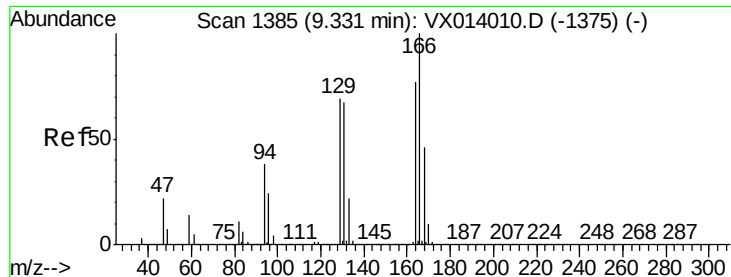


Abundance Ion 116.90 (116.60 to 117.60): VX014010.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX014010.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX014010.D (-1505) (-)





#64

Tetrachloroethene

Concen: 2.109 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014144.D

Acq: 20 Dec 2019 01:46

Instrument :

MSVOA_X

ClientSampleId :

MW-17

Tot Ion:164 Resp: 14248

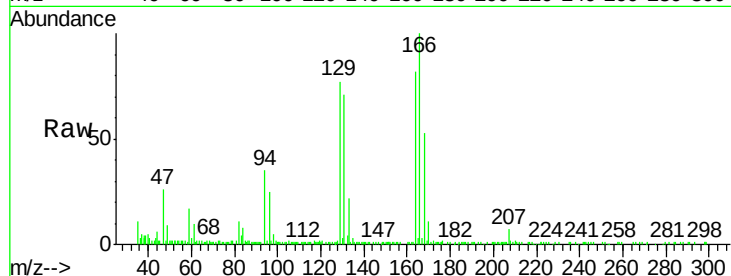
Ion Ratio Lower Upper

164 100

166 121.4 104.0 156.0

129 92.7 72.2 108.4

131 86.7 69.6 104.4

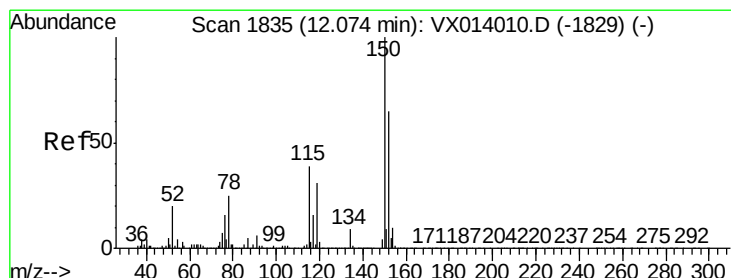
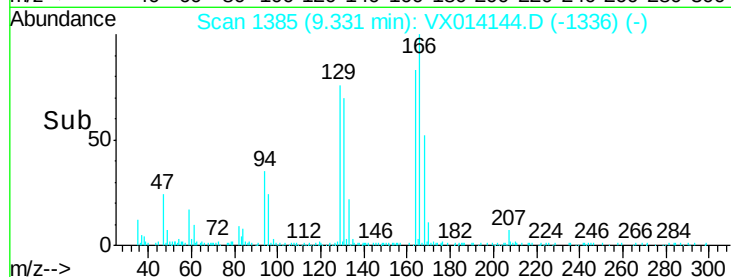
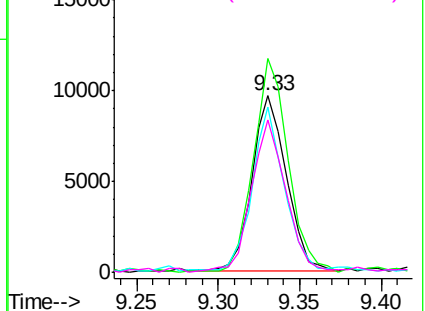


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX014144.D

Acq: 20 Dec 2019 01:46

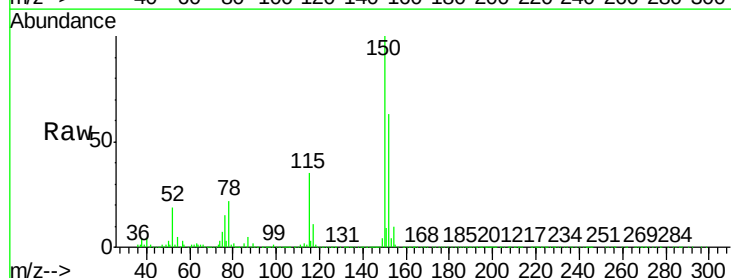
Tgt Ion:152 Resp: 334734

Ion Ratio Lower Upper

152 100

115 55.1 38.3 114.9

150 155.3 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

