

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006131.D
 Acq On : 21 Nov 2018 18:46
 Operator : JC/MD
 Sample : J6030-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-01

Quant Time: Nov 26 10:50:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

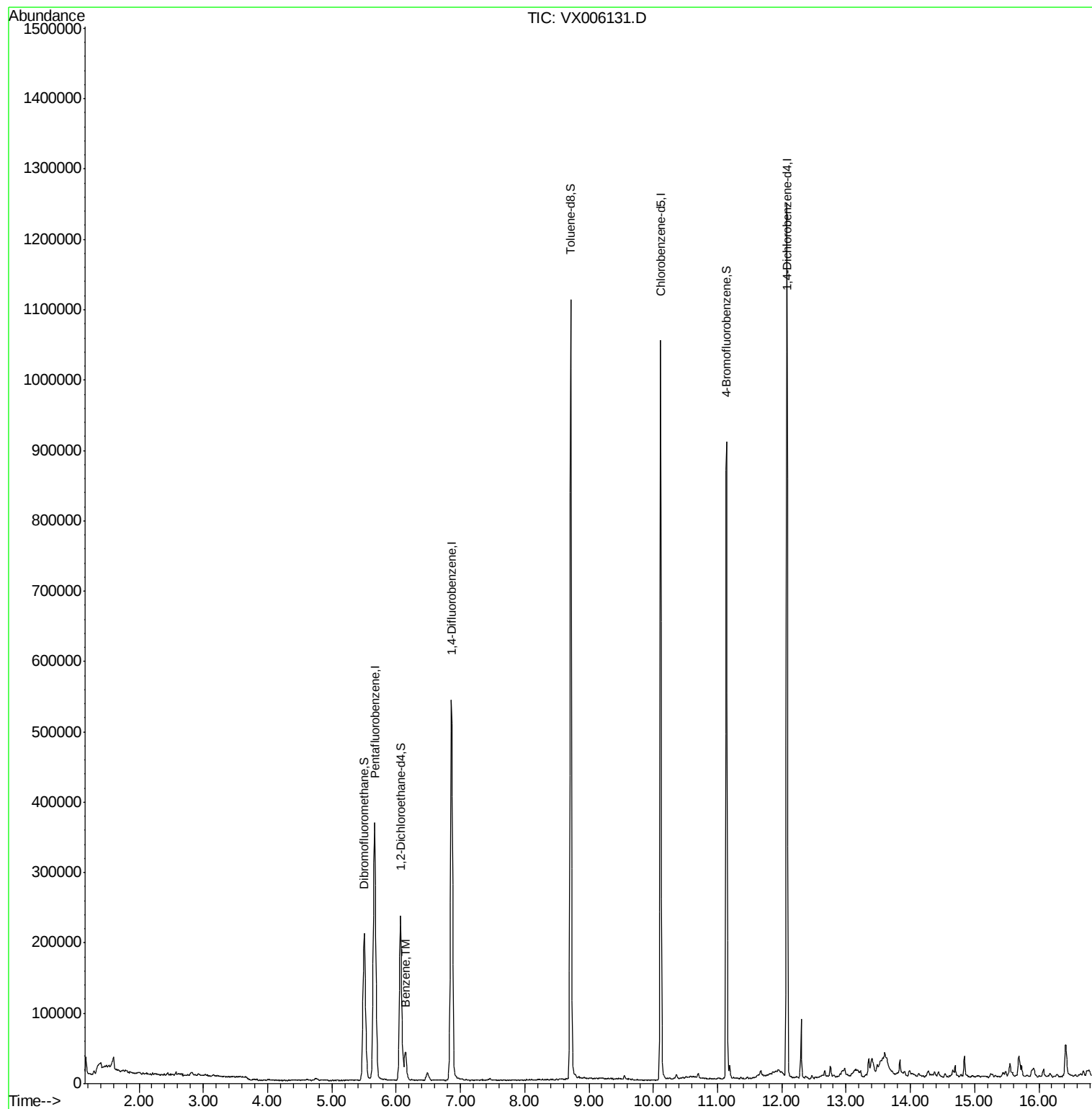
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	367666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	549657	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	502914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	220638	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
35) Dibromofluoromethane	5.50	113	177237	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	8.71	98	664200	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.13	95	233891	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
Target Compounds						
40) Benzene	6.14	78	47102	3.197	ug/l	Qvalue 97

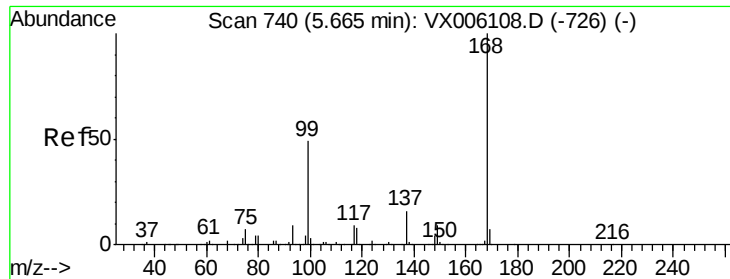
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006131.D

Acq: 21 Nov 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

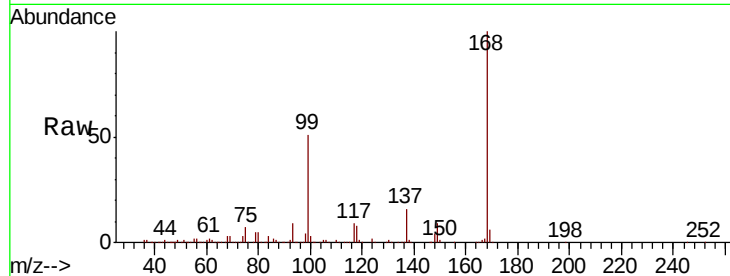
DTW-01

Tot Ion:168 Resp: 367666

Ion Ratio Lower Upper

168 100

99 50.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VX006108.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX006108.D (-726) (-)

5.67

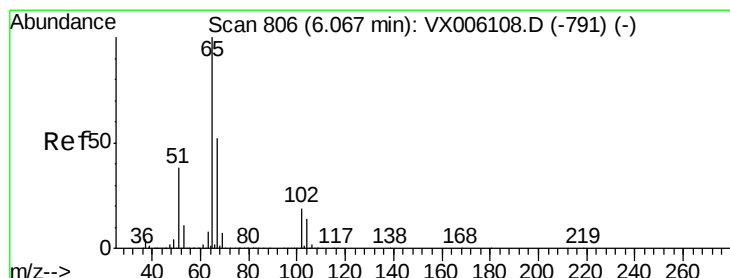
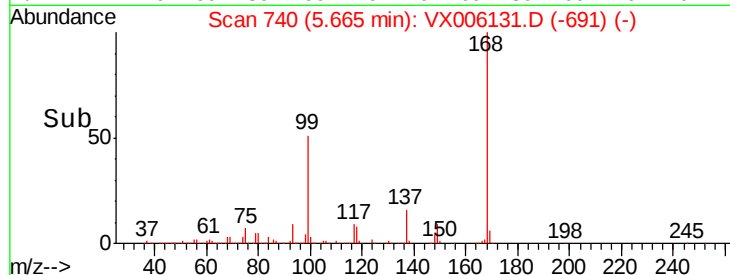
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.789 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006131.D

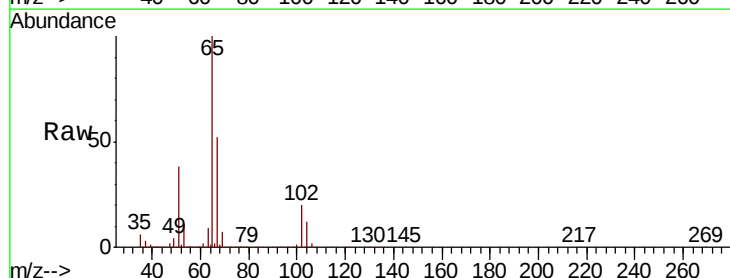
Acq: 21 Nov 2018 18:46

Tgt Ion: 65 Resp: 220638

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX006108.D (-791) (-)

Ion 66.90 (66.60 to 67.60): VX006108.D (-791) (-)

6.07

100000

80000

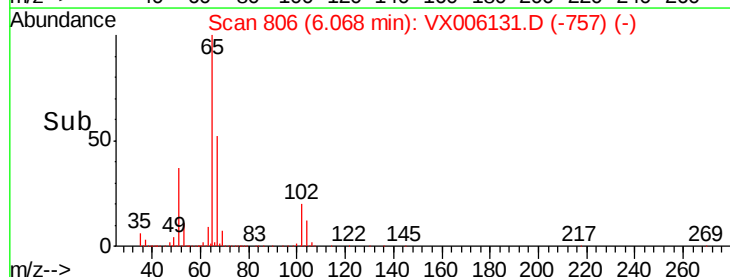
60000

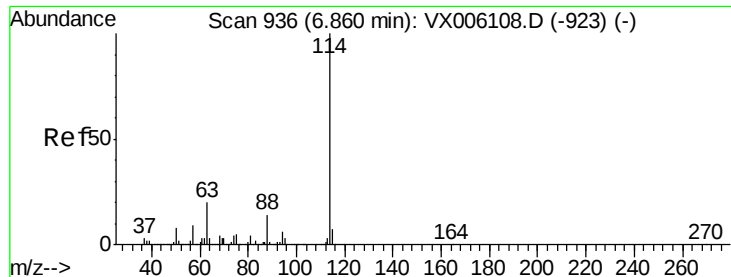
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006131.D

Acq: 21 Nov 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

DTW-01

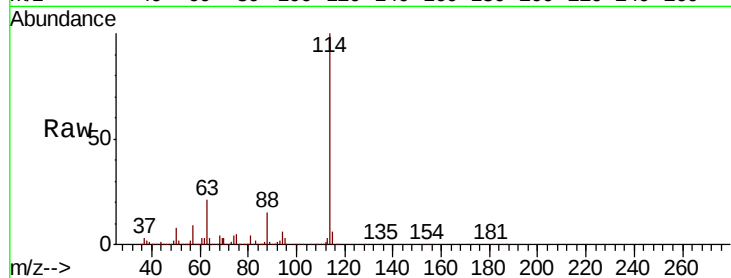
Tot Ion:114 Resp: 549657

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

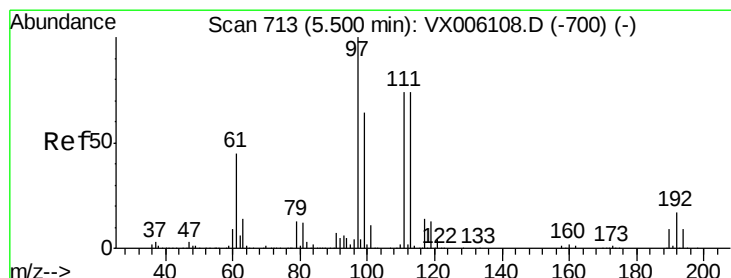
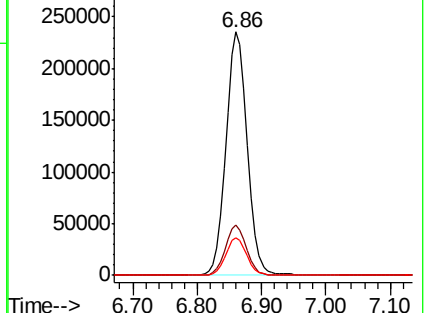
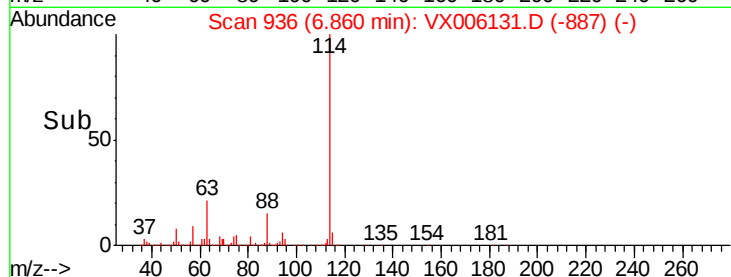
88 15.3 0.0 28.6



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: 50.232 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006131.D

Acq: 21 Nov 2018 18:46

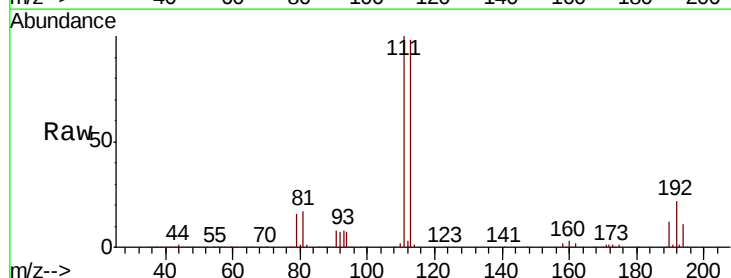
Tgt Ion:113 Resp: 177237

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

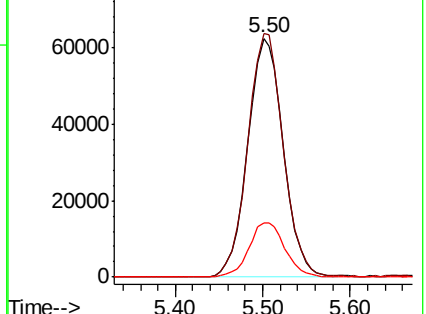
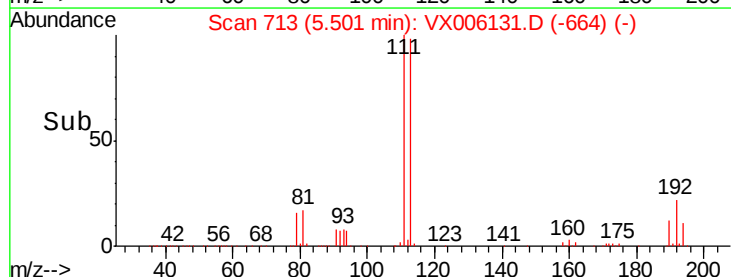
192 23.0 18.6 28.0

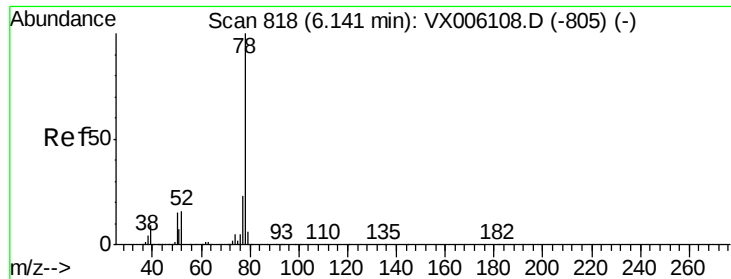


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 3.197 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX006131.D

Acq: 21 Nov 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

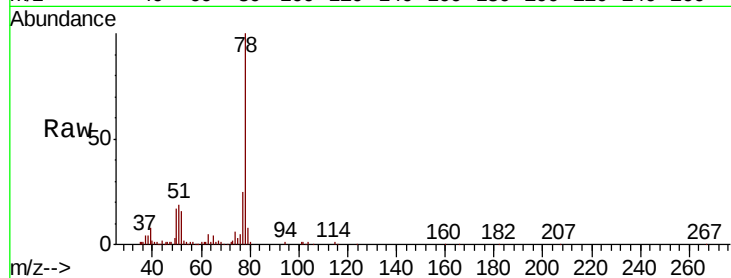
DTW-01

Tot Ion: 78 Resp: 47102

Ion Ratio Lower Upper

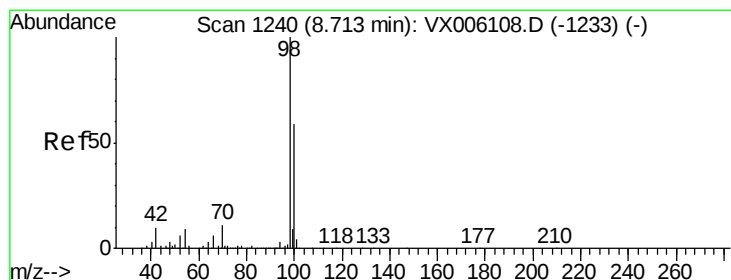
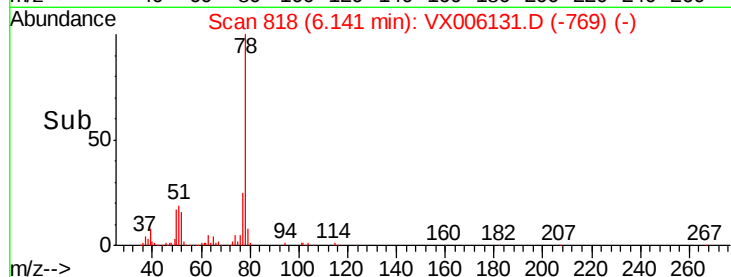
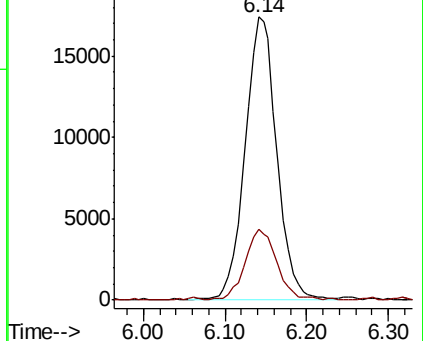
78 100

77 25.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.355 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006131.D

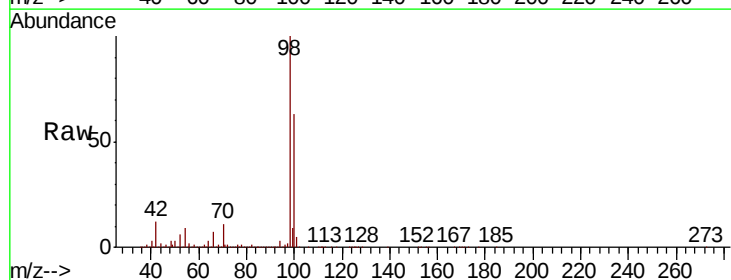
Acq: 21 Nov 2018 18:46

Tgt Ion: 98 Resp: 664200

Ion Ratio Lower Upper

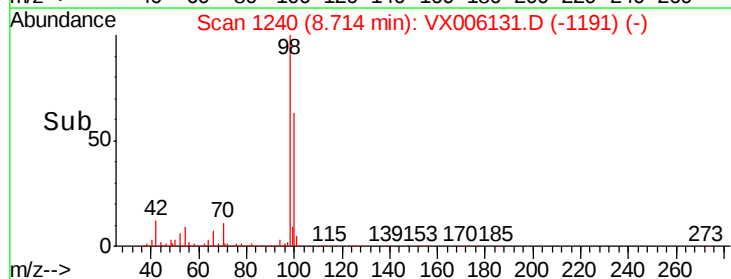
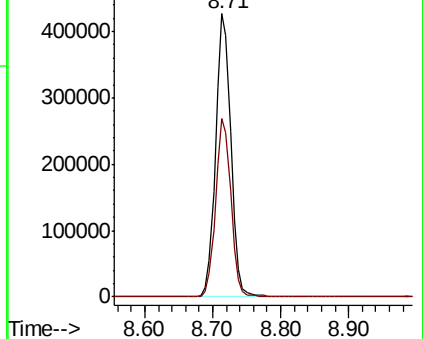
98 100

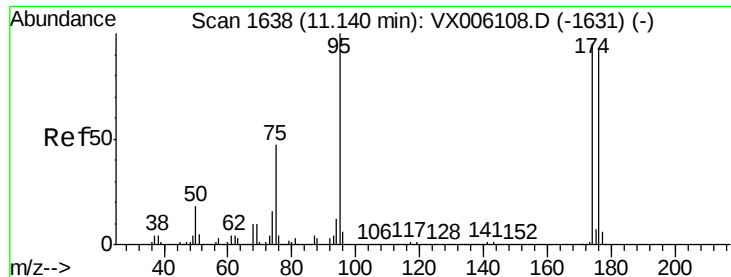
100 63.1 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.321 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006131.D

Acq: 21 Nov 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

DTW-01

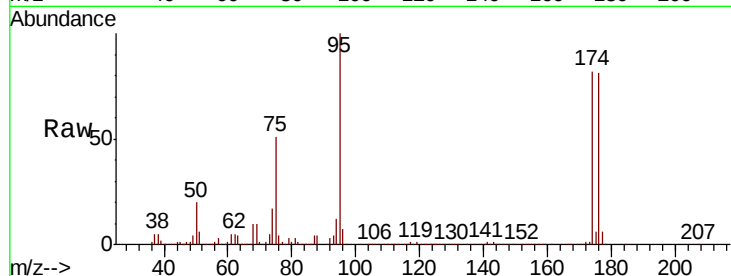
Tot Ion: 95 Resp: 233891

Ion Ratio Lower Upper

95 100

174 92.1 0.0 184.4

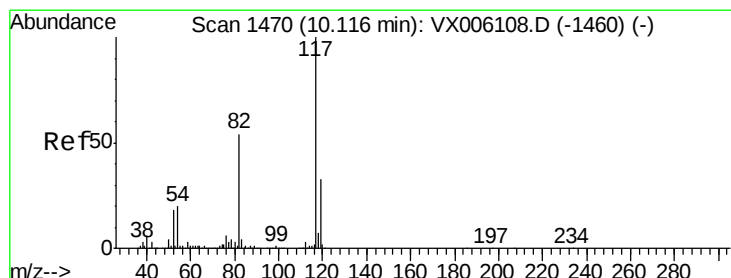
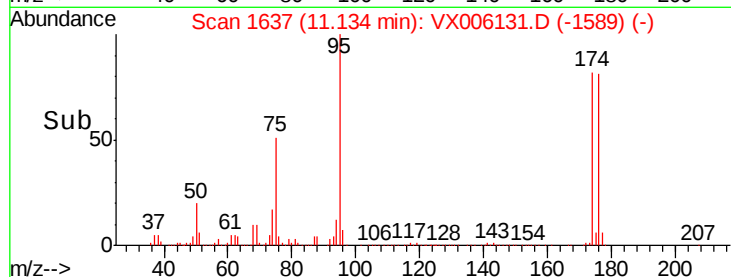
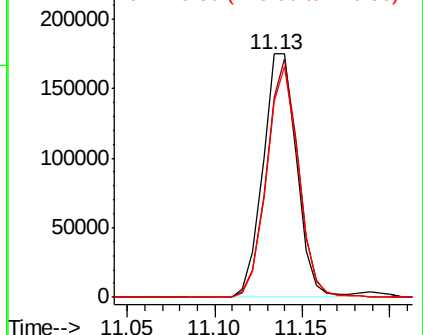
176 89.9 0.0 179.0



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: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006131.D

Acq: 21 Nov 2018 18:46

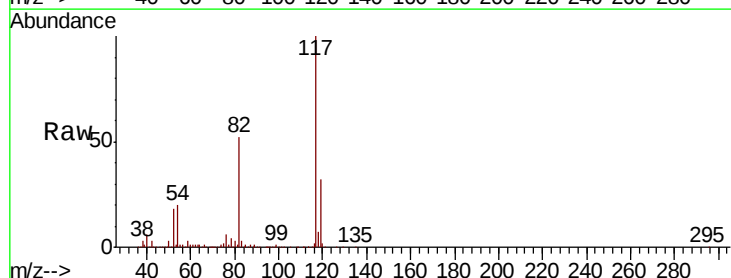
Tgt Ion: 117 Resp: 502914

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

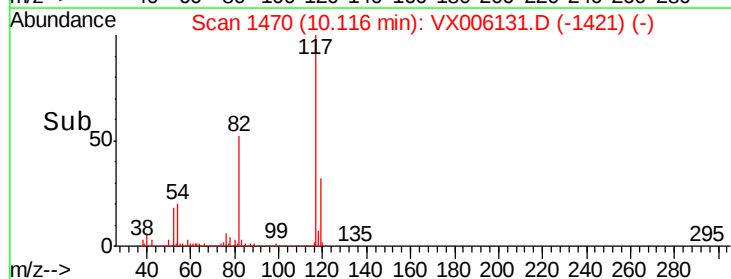
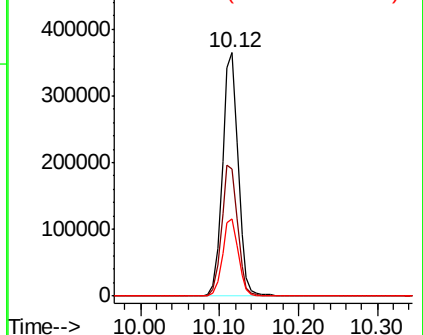
119 31.9 26.1 39.1

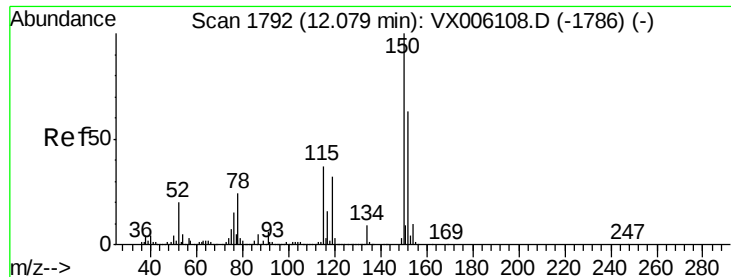


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006131.D

Acq: 21 Nov 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

DTW-01

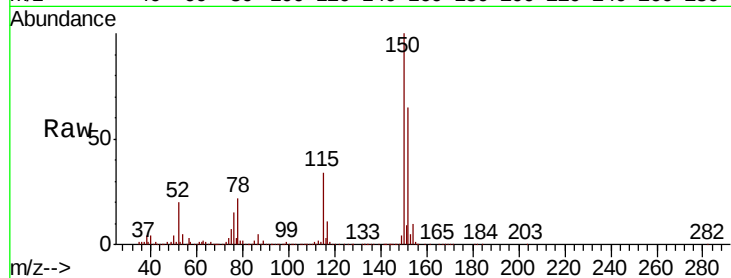
Tot Ion:152 Resp: 257281

Ion Ratio Lower Upper

152 100

115 55.1 39.0 116.9

150 157.2 0.0 346.6



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

