

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002610.D
 Acq On : 15 Jun 2018 21:29
 Operator : JC/MD
 Sample : J3467-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-061218

Quant Time: Jun 16 11:36:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 14:54:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	147245	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	143424	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
35) Dibromofluoromethane	5.51	113	109079	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
50) Toluene-d8	8.72	98	434240	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
62) 4-Bromofluorobenzene	11.14	95	143559	41.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.64%	

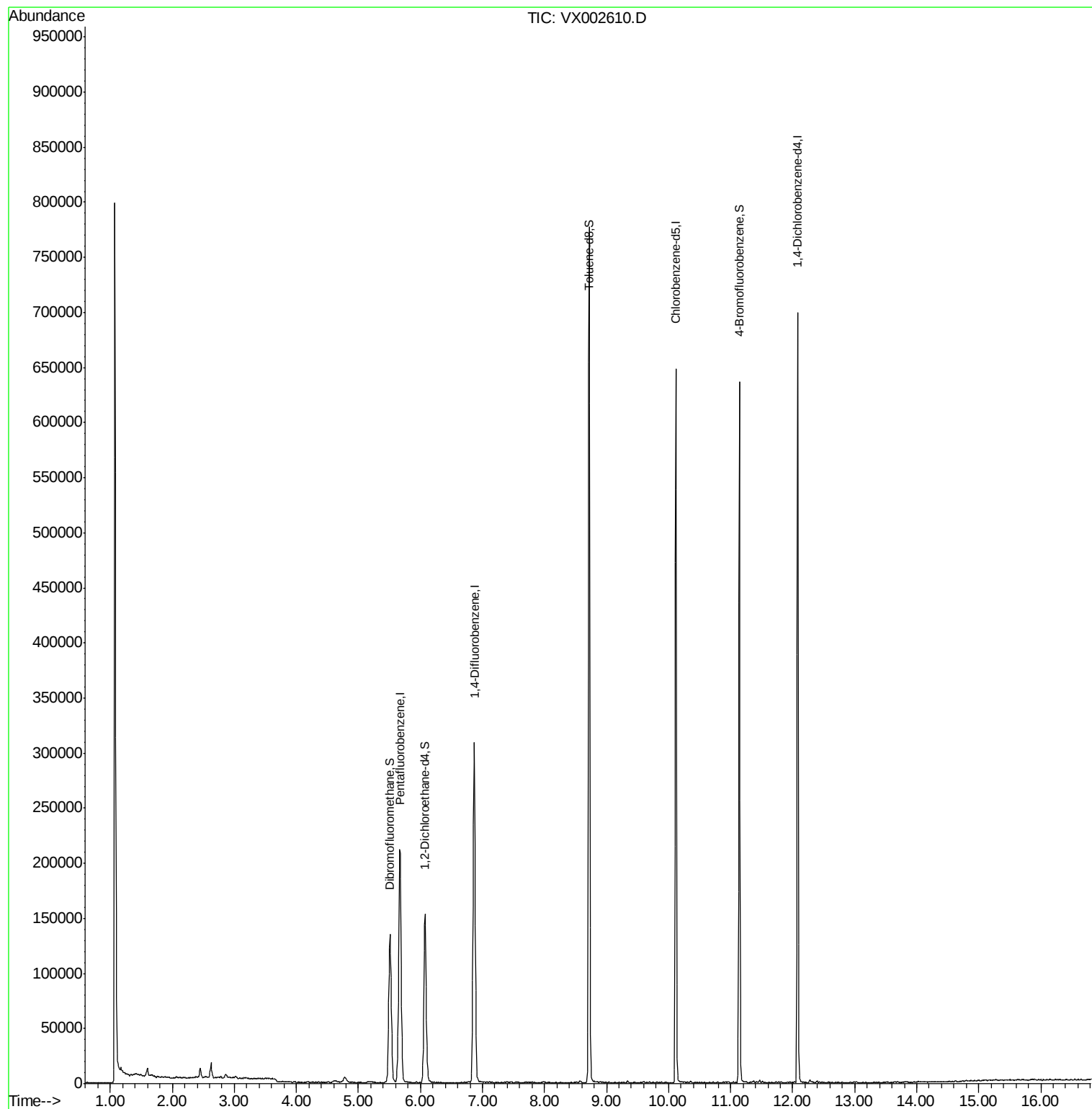
Target Compounds	Qvalue

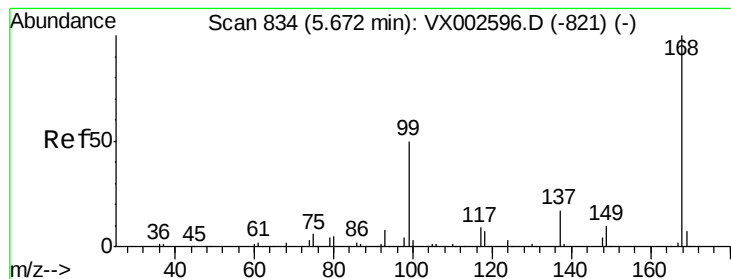
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002610.D

Acq: 15 Jun 2018 21:29

Instrument :

MSVOA_X

ClientSampleId :

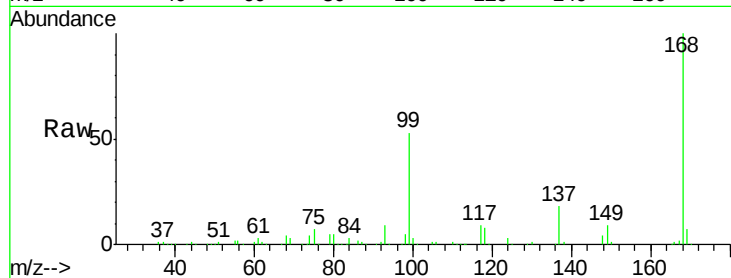
FB-061218

Tot Ion:168 Resp: 207755

Ion Ratio Lower Upper

168 100

99 52.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

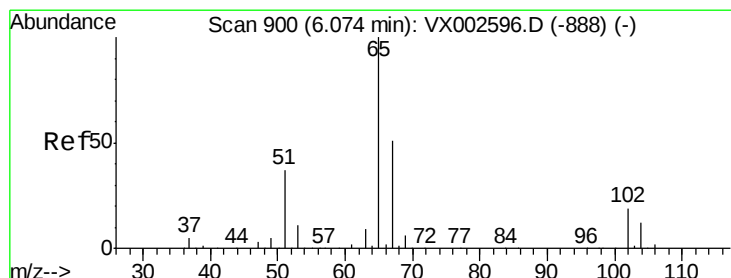
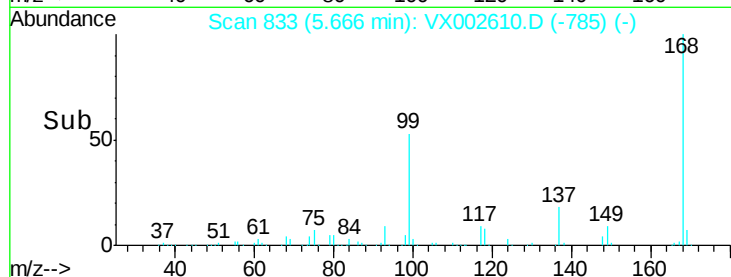
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.43 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002610.D

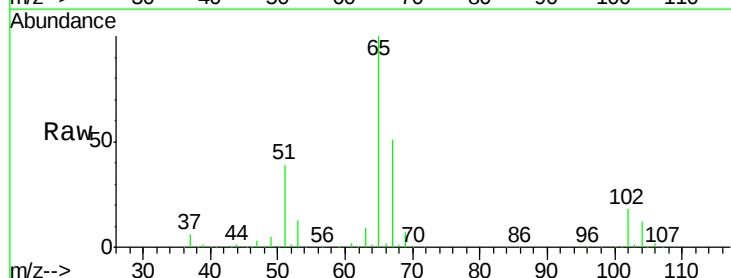
Acq: 15 Jun 2018 21:29

Tgt Ion: 65 Resp: 143424

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

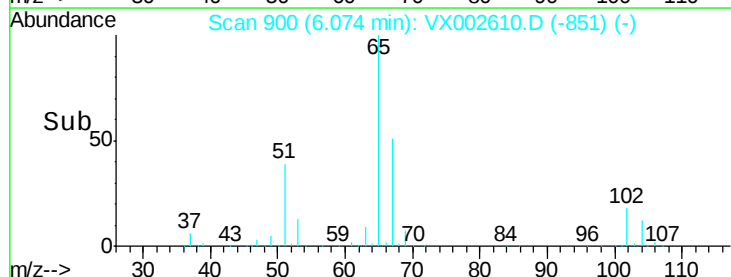
30000

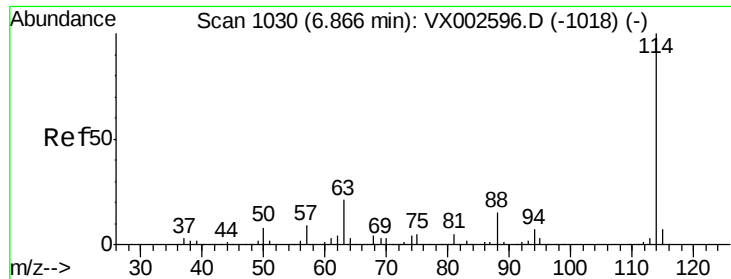
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

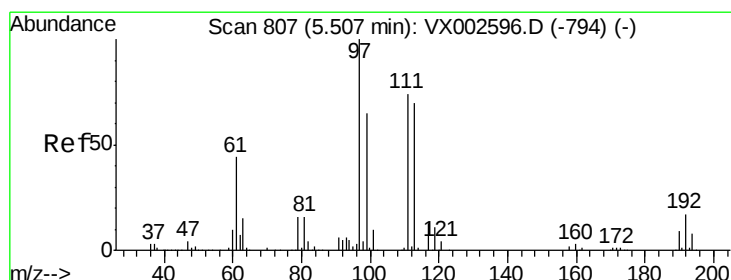
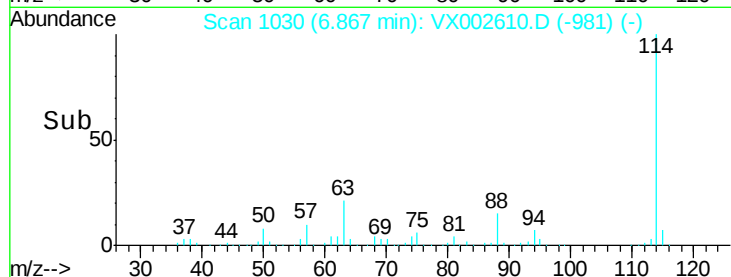
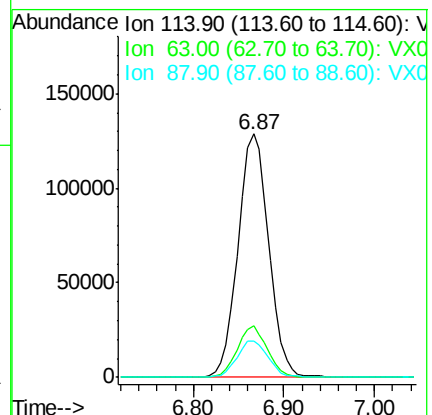
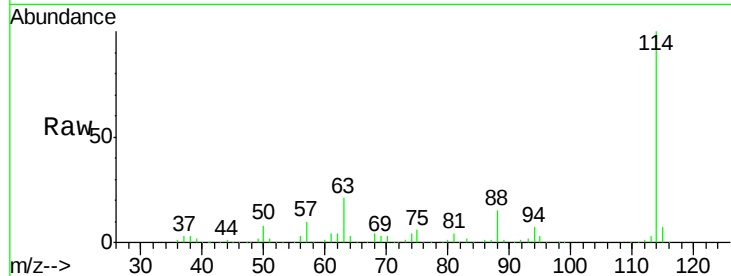




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002610.D
 Acq: 15 Jun 2018 21:29

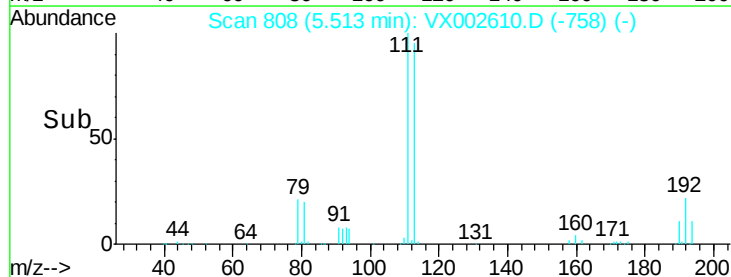
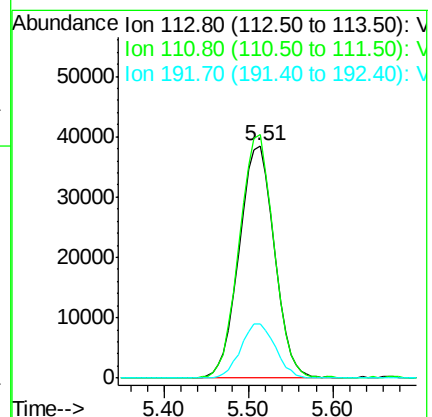
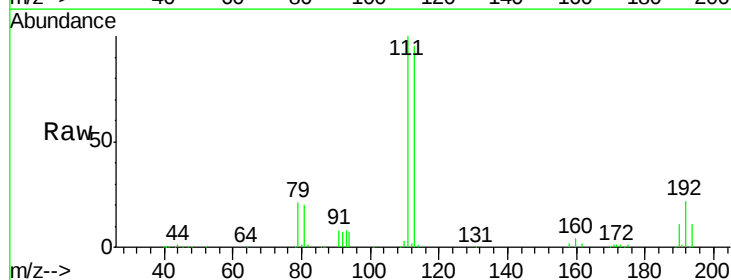
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-061218

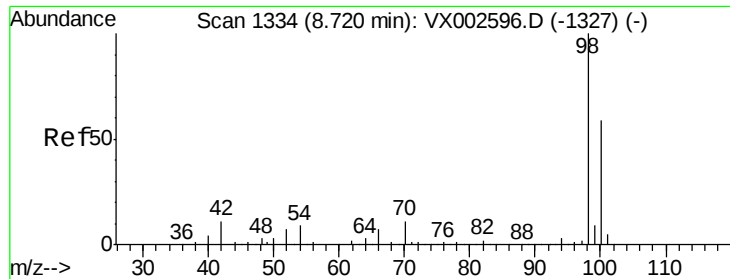
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.4
88	15.1	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 45.18 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002610.D
 Acq: 15 Jun 2018 21:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	23.1	19.1	28.7





#50

Toluene-d8

Concen: 47.37 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002610.D

Acq: 15 Jun 2018 21:29

Instrument :

MSVOA_X

ClientSampleId :

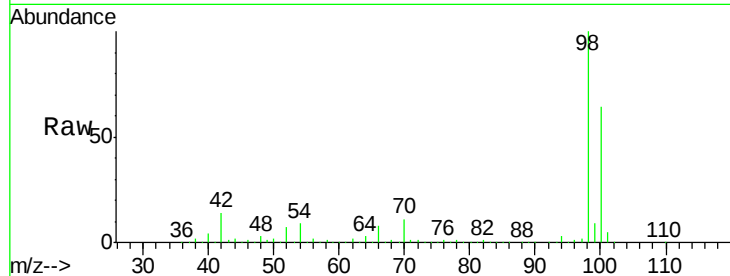
FB-061218

Tot Ion: 98 Resp: 434240

Ion Ratio Lower Upper

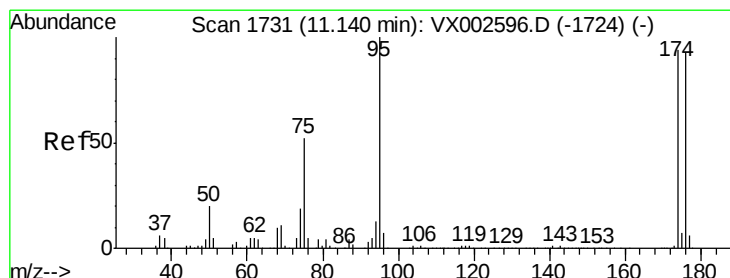
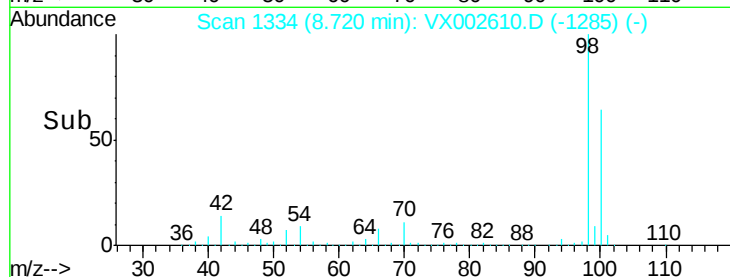
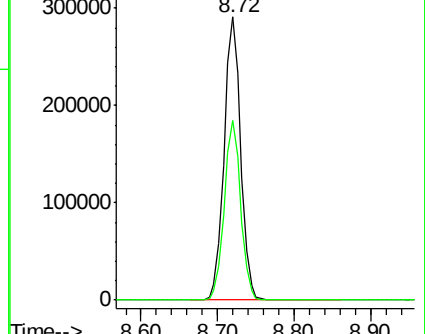
98 100

100 62.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 41.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002610.D

Acq: 15 Jun 2018 21:29

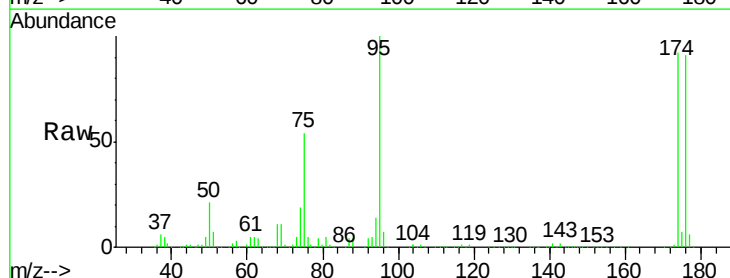
Tgt Ion: 95 Resp: 143559

Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

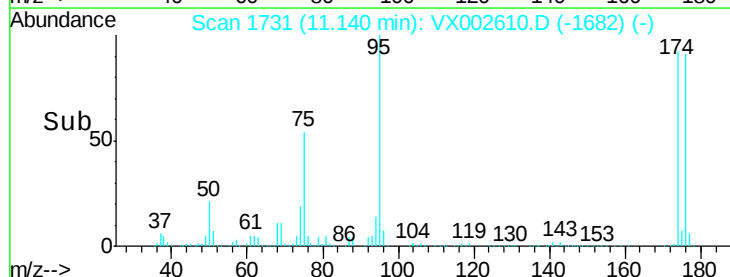
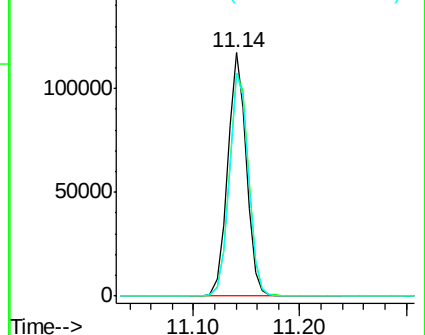
176 93.8 0.0 181.0

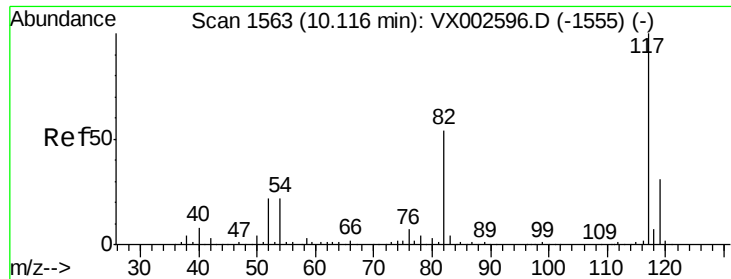


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002610.D

Acq: 15 Jun 2018 21:29

Instrument :

MSVOA_X

ClientSampled :

FB-061218

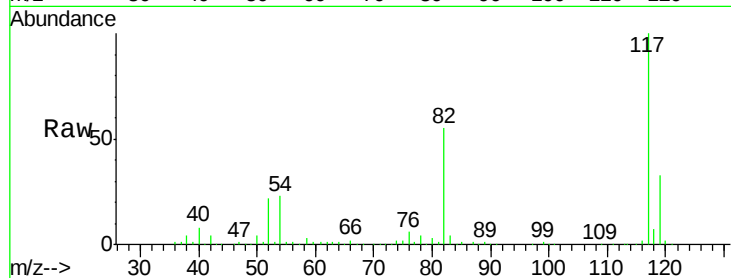
Tot Ion:117 Resp: 274250

Ion Ratio Lower Upper

117 100

82 54.9 45.0 67.4

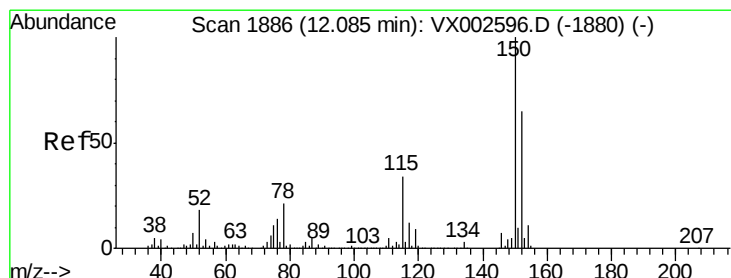
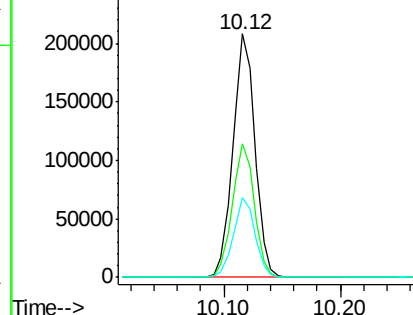
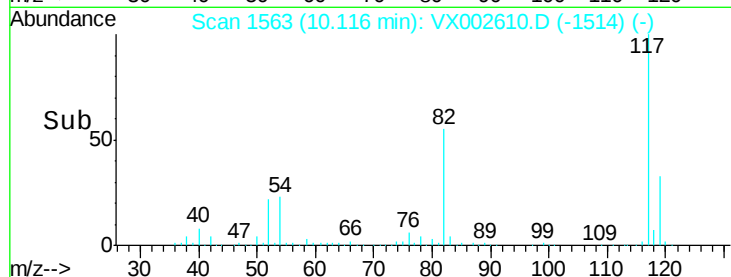
119 32.5 25.8 38.6



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002610.D

Acq: 15 Jun 2018 21:29

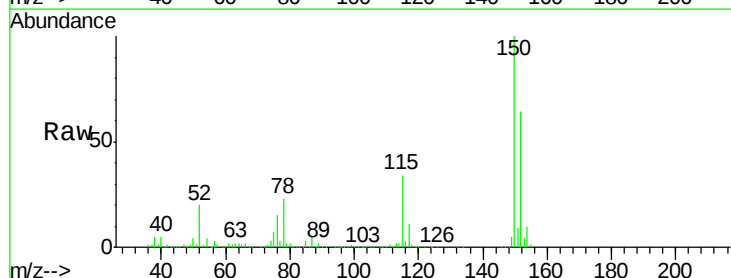
Tgt Ion:152 Resp: 147245

Ion Ratio Lower Upper

152 100

115 54.9 40.1 120.2

150 156.1 0.0 347.2



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

