

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004752.D
 Acq On : 27 Sep 2018 04:38
 Operator : JC/MD
 Sample : J5020-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-091918-01

Quant Time: Sep 27 06:52:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

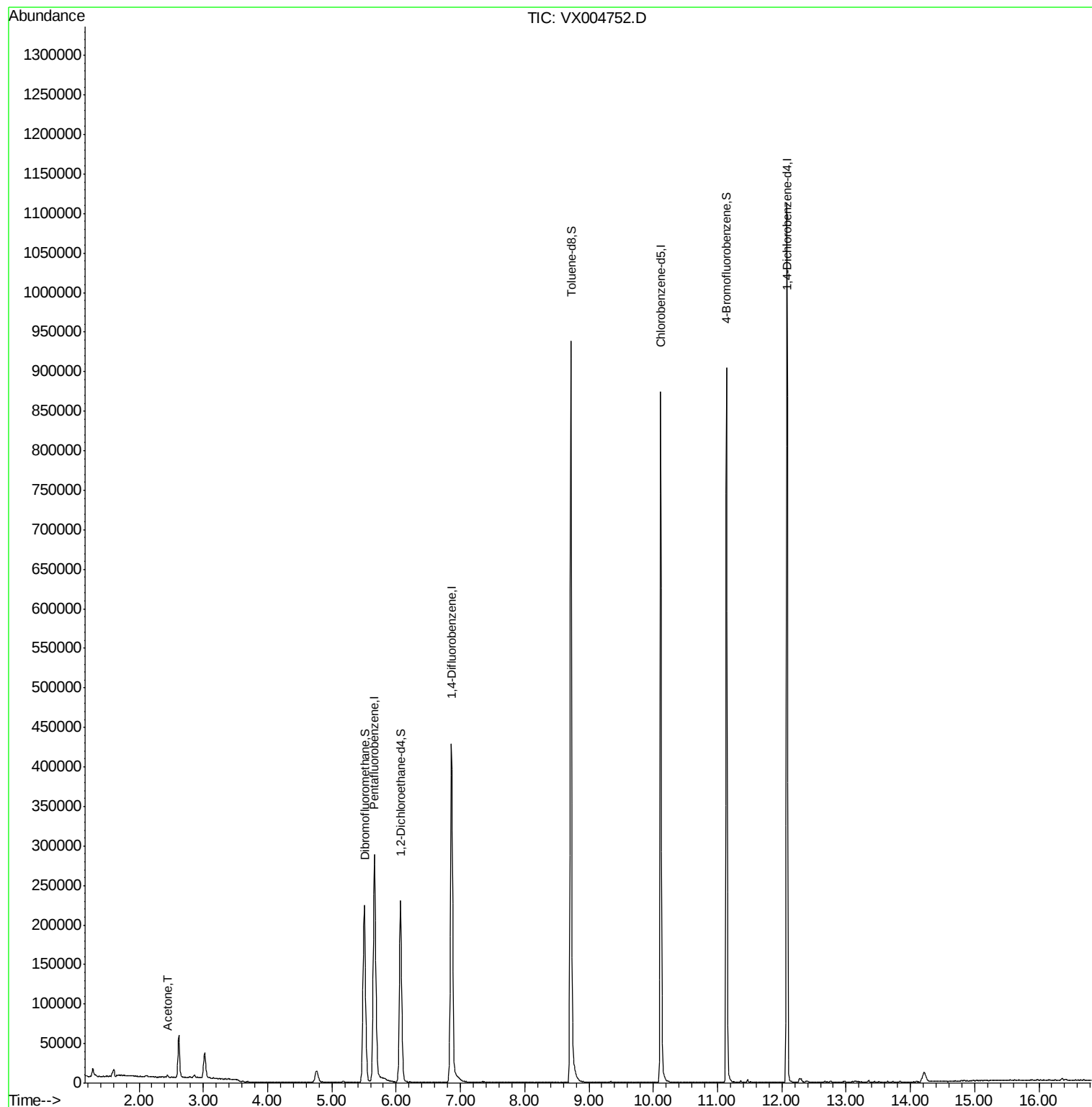
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	292935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	441476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	217492	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
35) Dibromofluoromethane	5.51	113	187862	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	8.72	98	612718	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.14	95	223320	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
Target Compounds						
16) Acetone	2.45	43	3038	1.244	ug/l	Qvalue 92

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

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QLast Update : Wed Sep 26 14:17:02 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004752.D

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Instrument :

MSVOA_X

ClientSampleId :

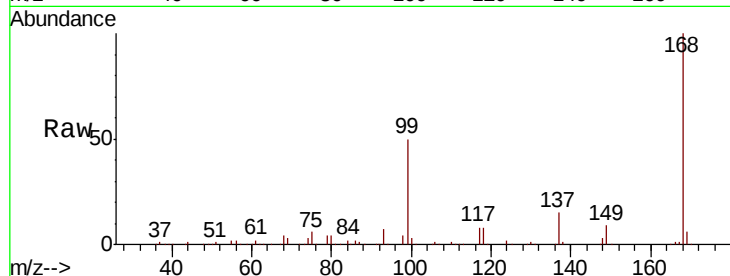
FB-091918-01

Tot Ion:168 Resp: 292935

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

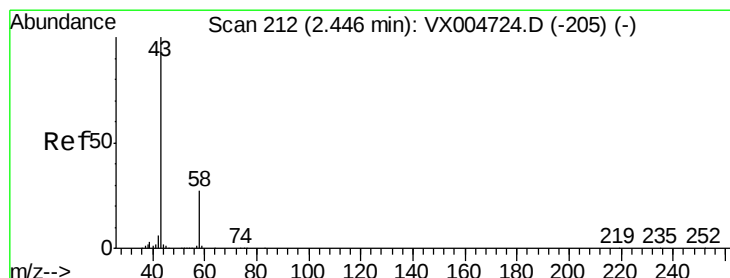
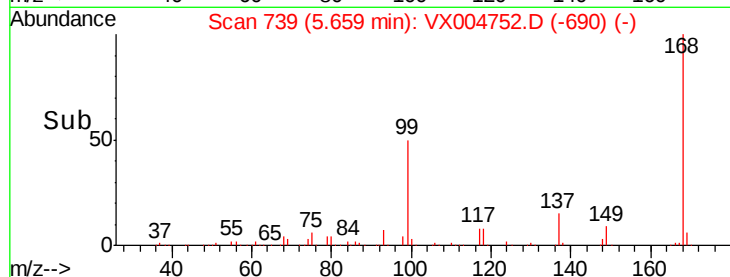
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.244 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004752.D

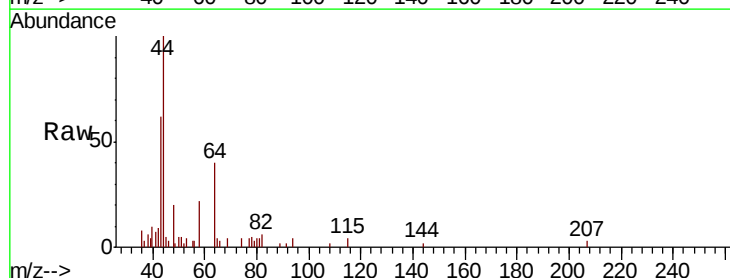
Acq: 27 Sep 2018 04:38

Tgt Ion: 43 Resp: 3038

Ion Ratio Lower Upper

43 100

58 37.1 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

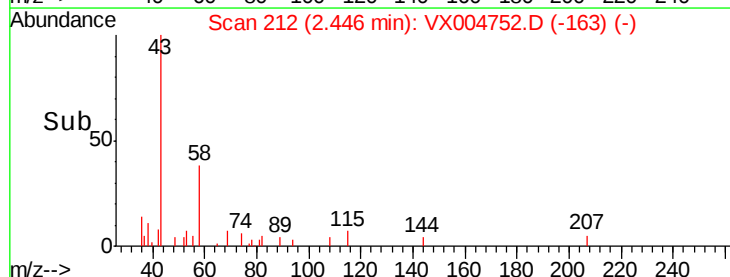
1500

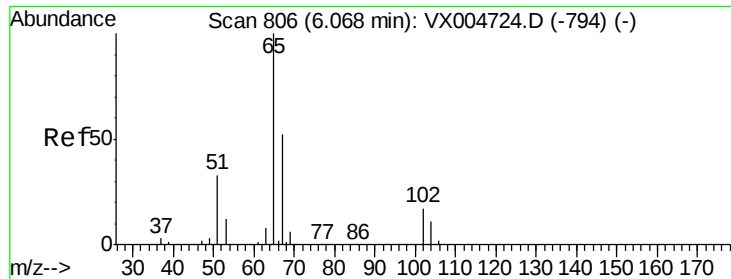
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55

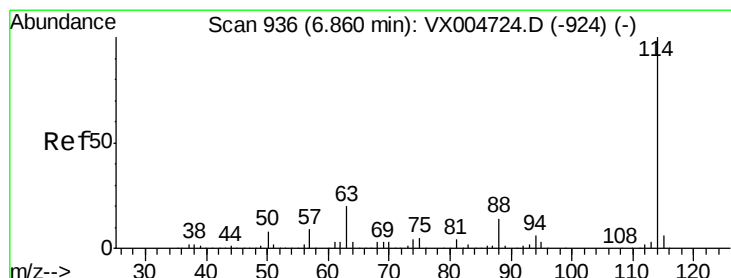
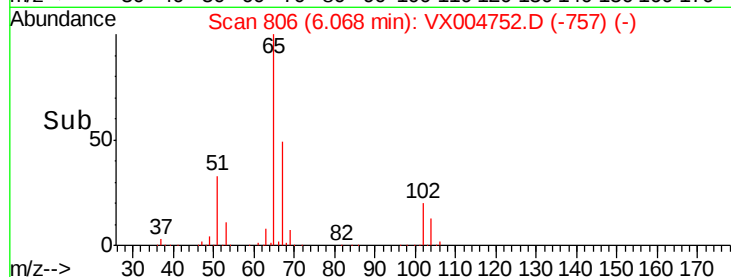
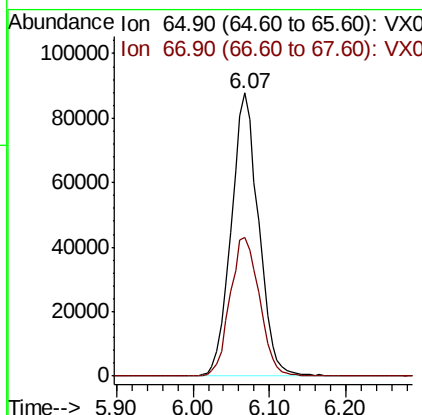
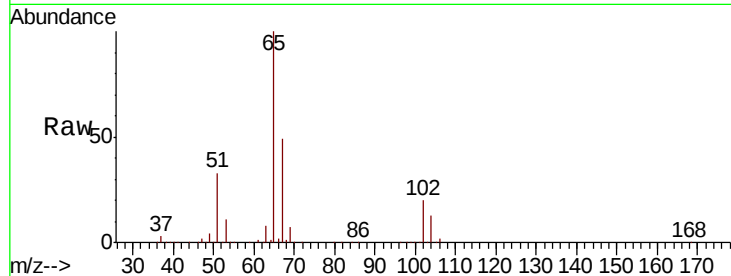




#33
 1,2-Dichloroethane-d4
 Concen: 51.975 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004752.D
 Acq: 27 Sep 2018 04:38

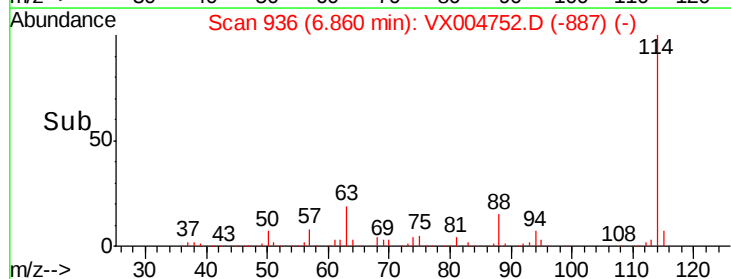
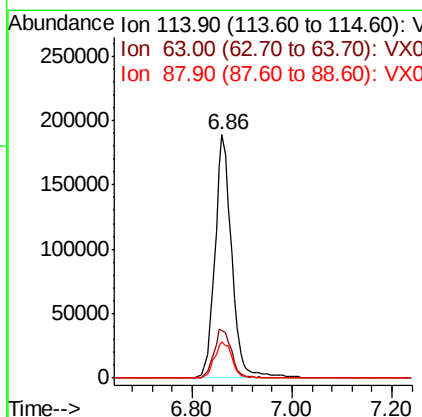
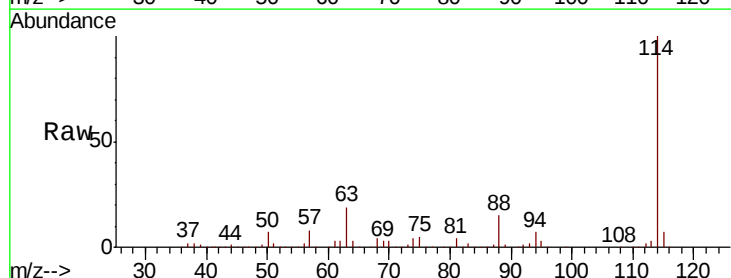
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-091918-01

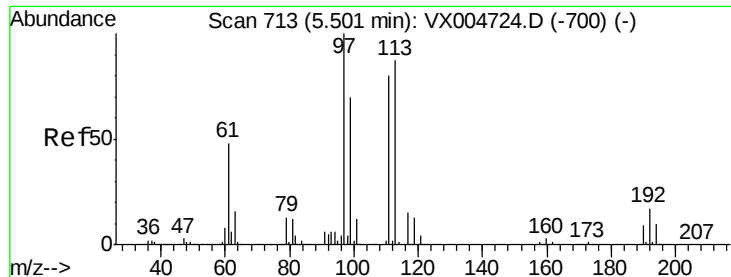
Tot Ion: 65 Resp: 217492
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004752.D
 Acq: 27 Sep 2018 04:38

Tgt Ion: 114 Resp: 441476
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 14.7 0.0 30.4

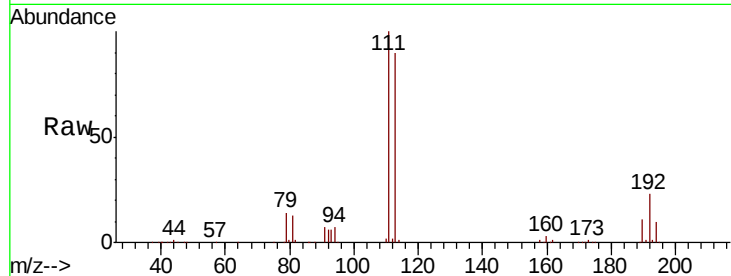




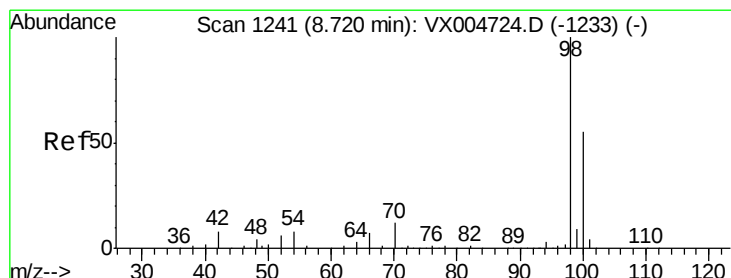
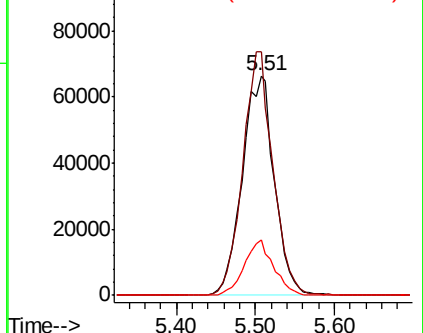
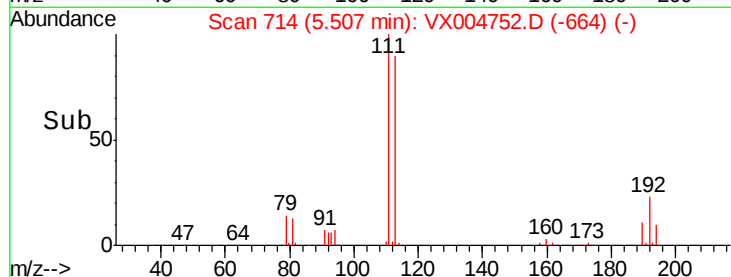
#35
 Dibromofluoromethane
 Concen: 50.209 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004752.D
 Acq: 27 Sep 2018 04:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-091918-01

Tot Ion:113 Resp: 187862
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.4 123.6
 192 23.1 19.4 29.2

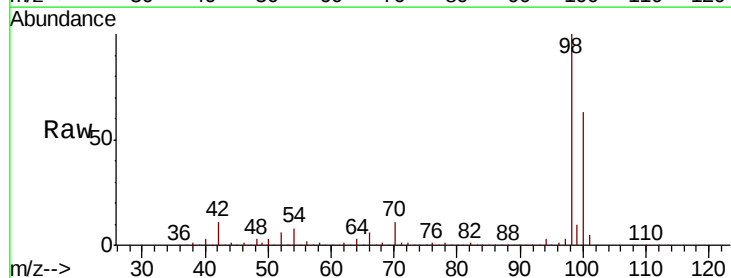


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

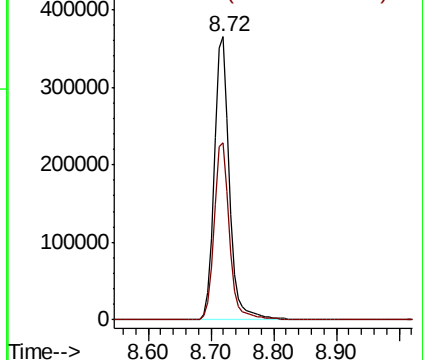
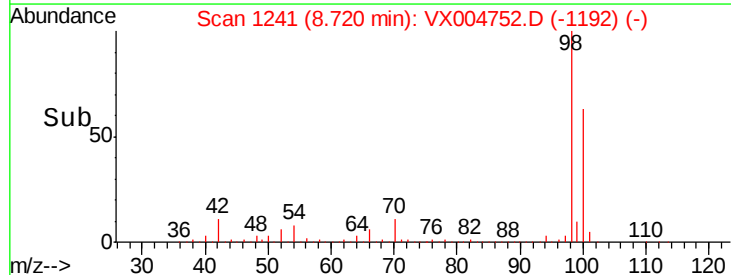


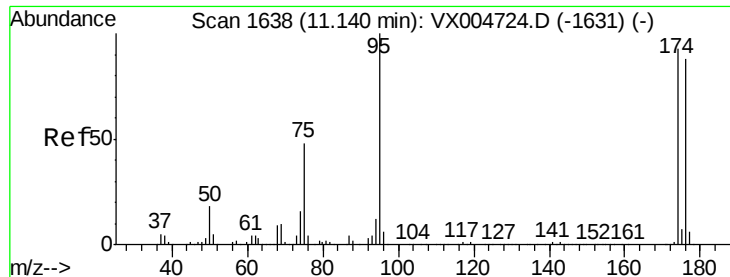
#50
 Toluene-d8
 Concen: 49.259 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VX004752.D
 Acq: 27 Sep 2018 04:38

Tgt Ion: 98 Resp: 612718
 Ion Ratio Lower Upper
 98 100
 100 63.4 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: 49.835 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004752.D

Acq: 27 Sep 2018 04:38

Instrument :

MSVOA_X

ClientSampleId :

FB-091918-01

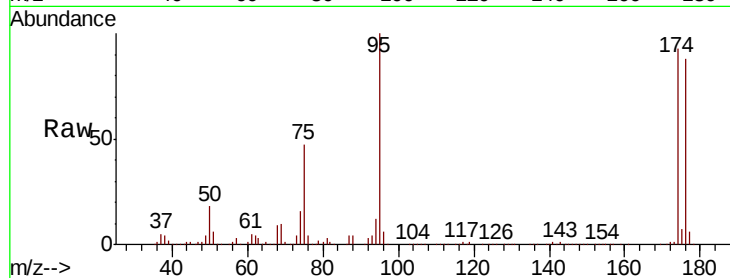
Tot Ion: 95 Resp: 223320

Ion Ratio Lower Upper

95 100

174 91.7 0.0 185.2

176 87.9 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004752.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX004752.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX004752.D (-1589) (-)

11.14

250000

200000

150000

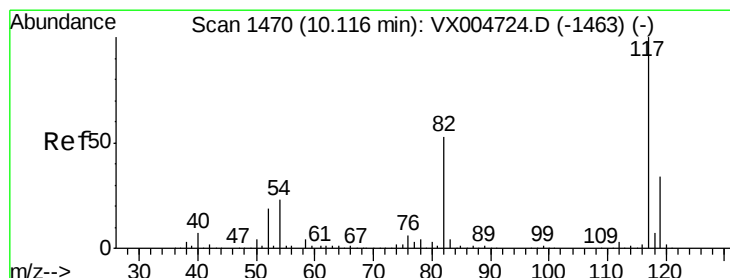
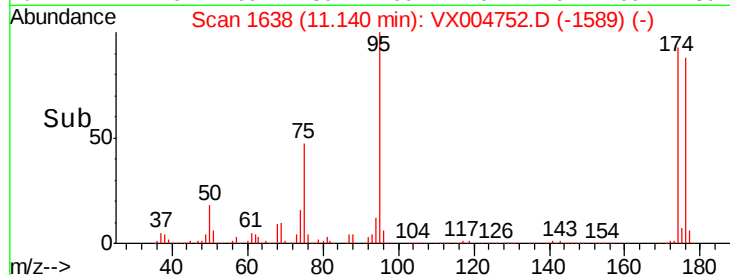
100000

50000

0

11.10 11.20 11.30

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004752.D

Acq: 27 Sep 2018 04:38

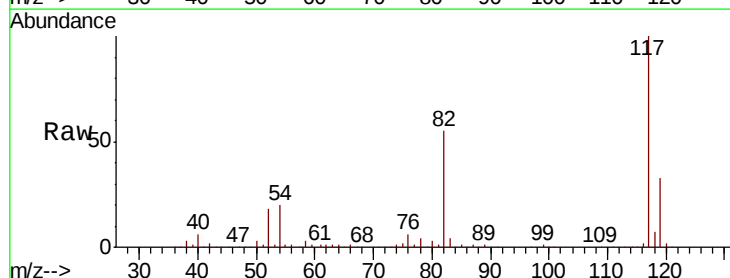
Tgt Ion: 117 Resp: 411650

Ion Ratio Lower Upper

117 100

82 55.0 47.8 71.6

119 32.6 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): VX004752.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX004752.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX004752.D (-1421) (-)

10.12

400000

300000

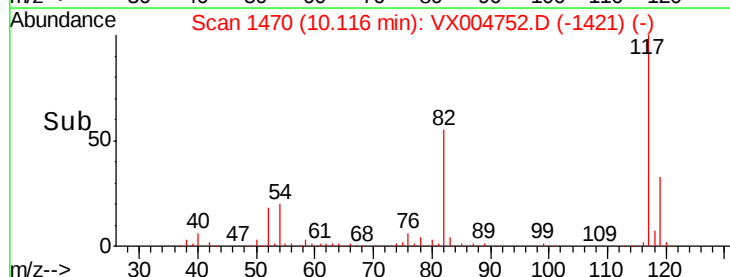
200000

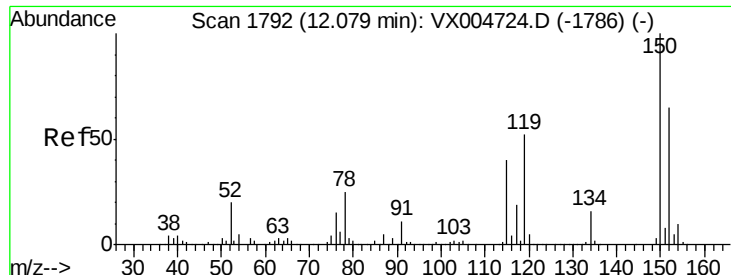
100000

0

10.00 10.20

Time-->

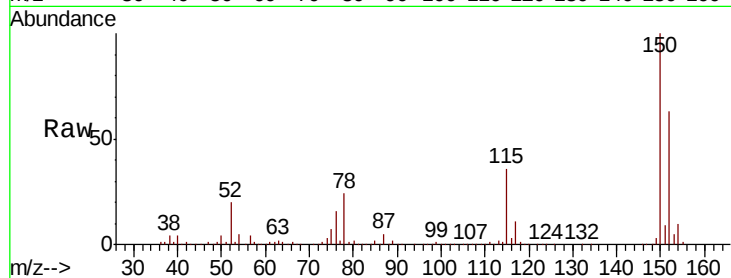




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX004752.D
 Acq: 27 Sep 2018 04:38

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-091918-01

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.0	117.0
150	157.5	0.0	351.0



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

