

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005233.D
 Acq On : 11 Oct 2018 04:58
 Operator : JC/MD
 Sample : J5390-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-GMZ5-ER1

Quant Time: Oct 11 08:23:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

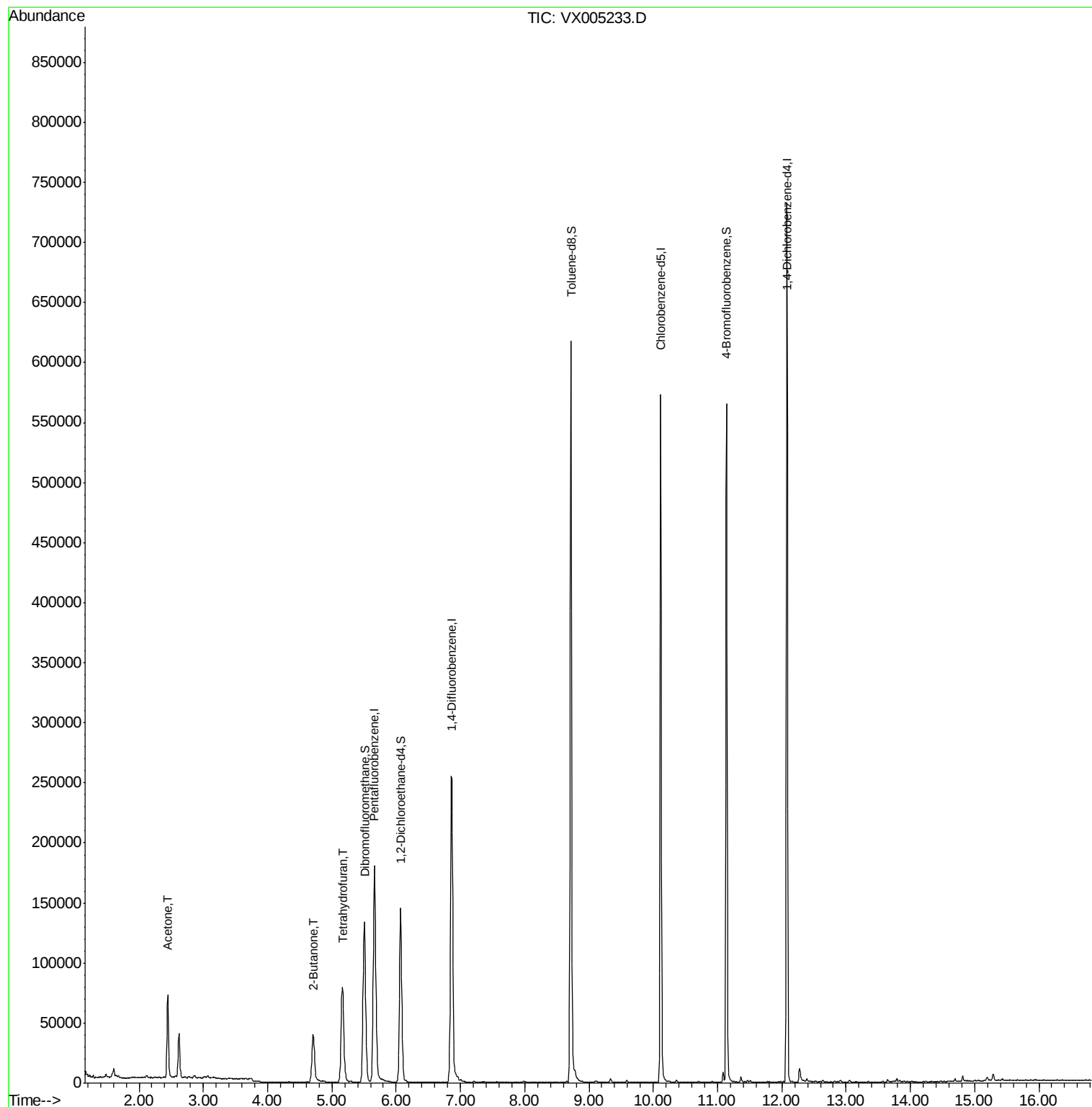
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	179473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	268728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133866	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
35) Dibromofluoromethane	5.51	113	113511	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	8.72	98	390857	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.14	95	140597	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
Target Compounds						
16) Acetone	2.45	43	74273	49.62	ug/l	92
25) 2-Butanone	4.71	43	72972	33.07	ug/l	98
29) Tetrahydrofuran	5.17	42	72771	53.07	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005233.D

Acq: 11 Oct 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

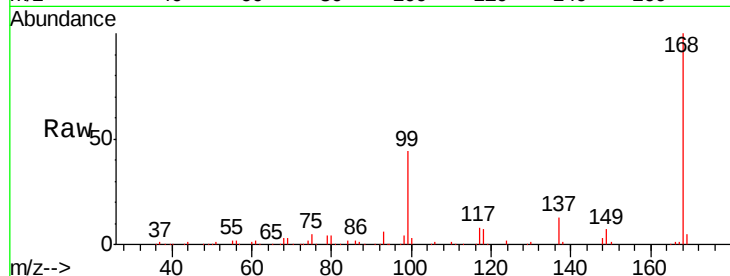
FA18-GMZ5-ER1

Tgt Ion:168 Resp: 179473

Ion Ratio Lower Upper

168 100

99 44.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

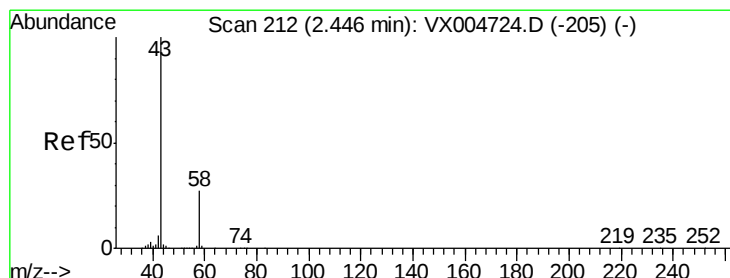
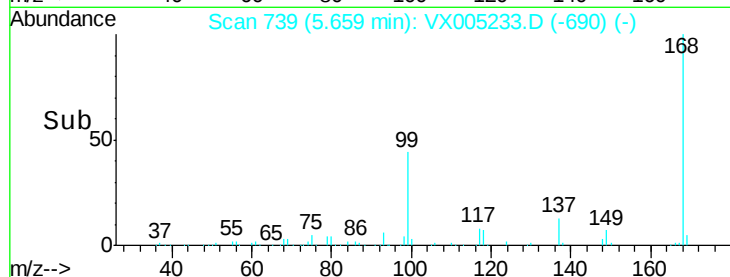
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 49.62 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005233.D

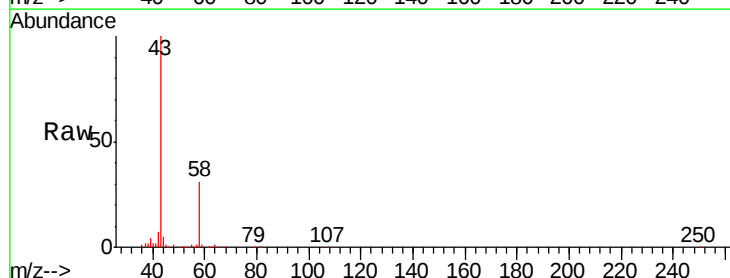
Acq: 11 Oct 2018 04:58

Tgt Ion: 43 Resp: 74273

Ion Ratio Lower Upper

43 100

58 31.5 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

50000

40000

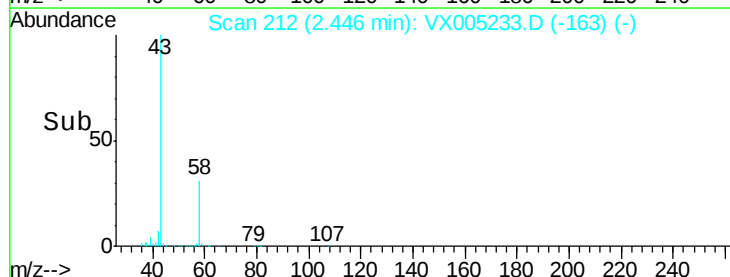
30000

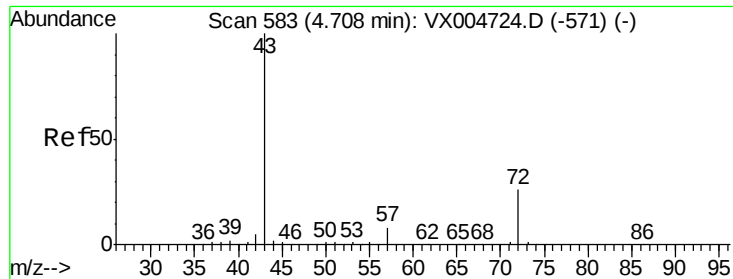
20000

10000

0

Time--> 2.40 2.50





#25

2-Butanone

Concen: 33.07 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005233.D

Acq: 11 Oct 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

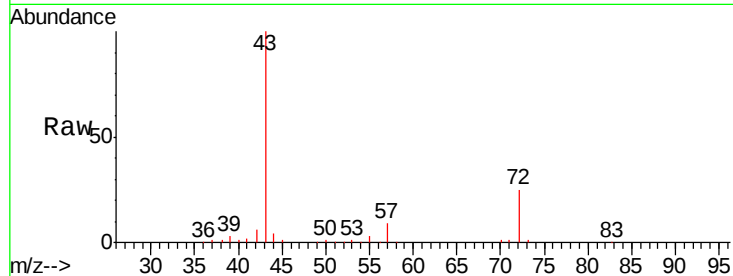
FA18-GMZ5-ER1

Tgt Ion: 43 Resp: 72972

Ion Ratio Lower Upper

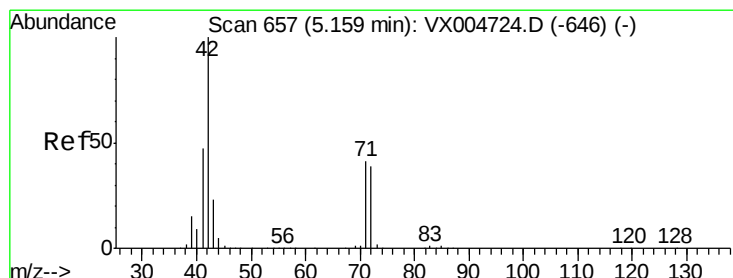
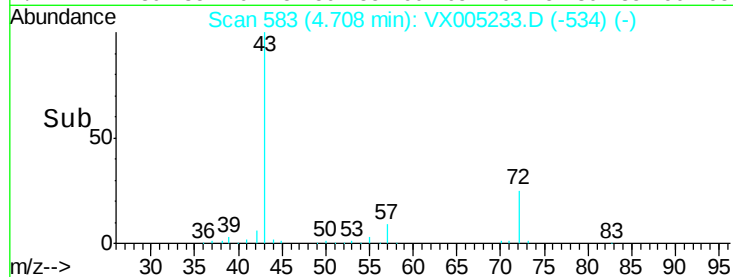
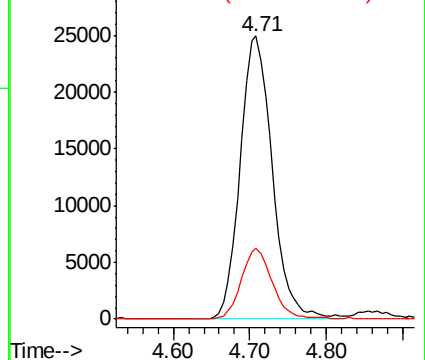
43 100

72 25.1 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 53.07 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005233.D

Acq: 11 Oct 2018 04:58

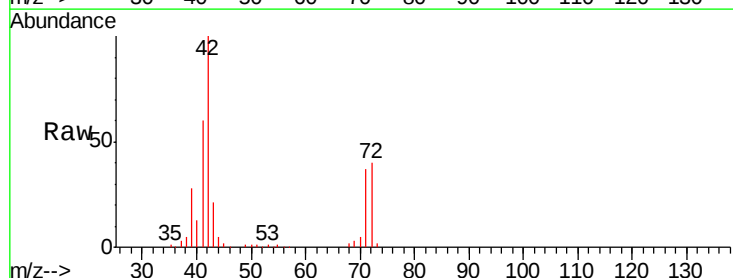
Tgt Ion: 42 Resp: 72771

Ion Ratio Lower Upper

42 100

72 39.5 33.7 50.5

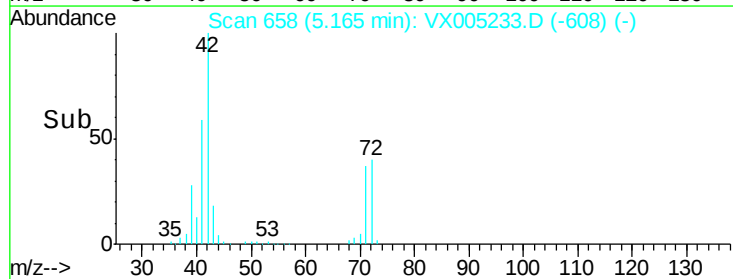
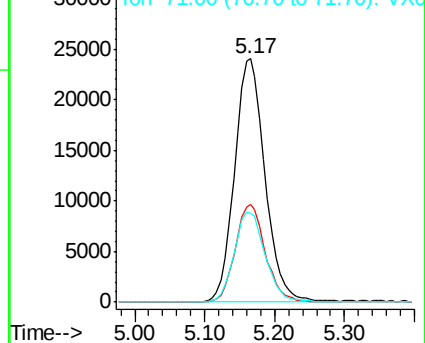
71 37.6 32.2 48.4

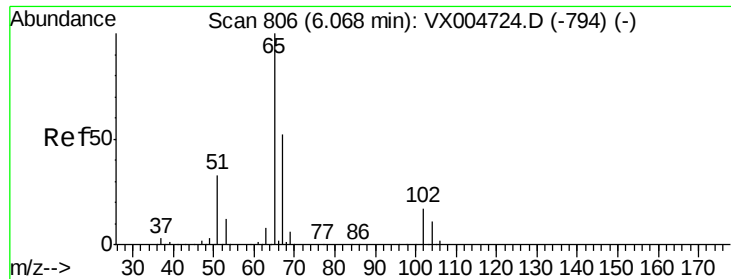


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

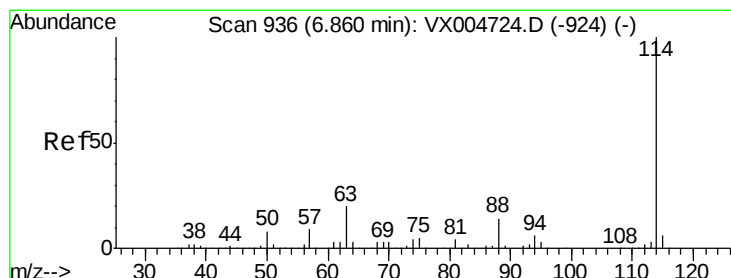
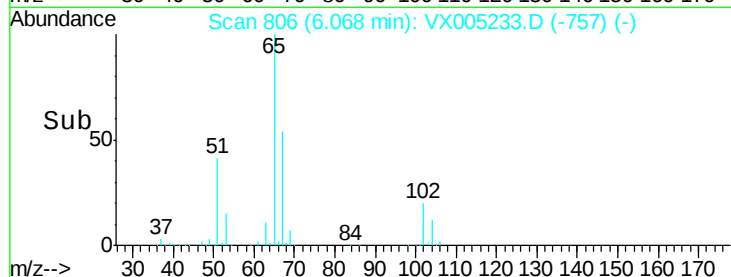
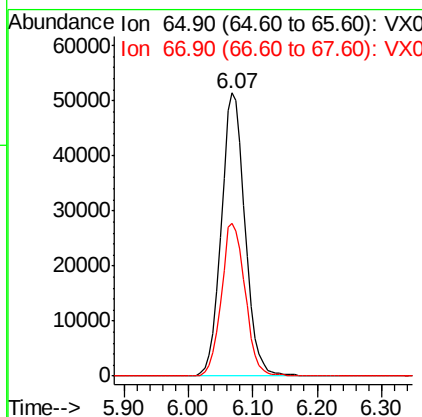
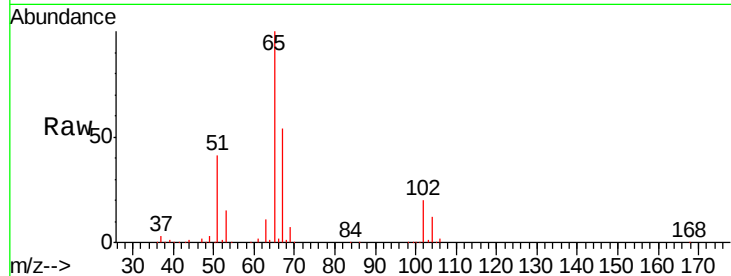




#33
 1,2-Dichloroethane-d4
 Concen: 52.21 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005233.D
 Acq: 11 Oct 2018 04:58

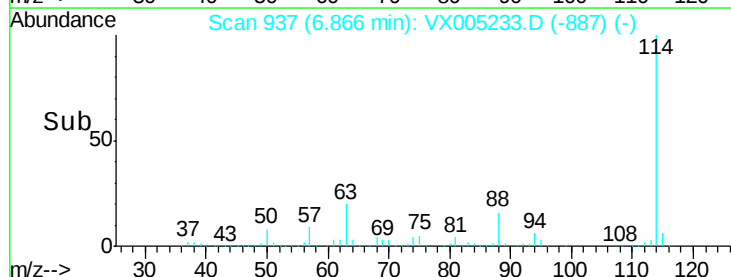
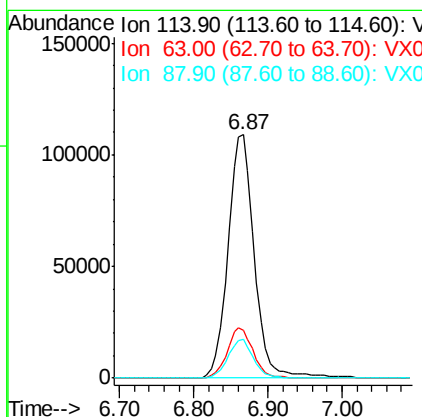
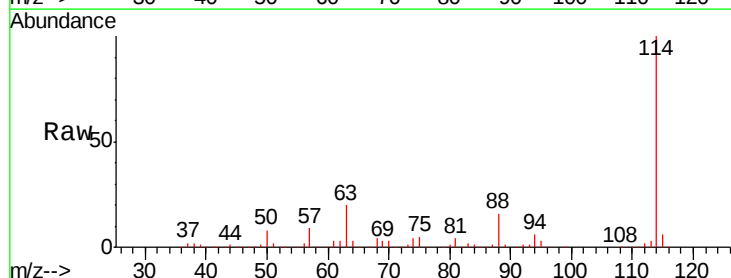
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-GMZ5-ER1

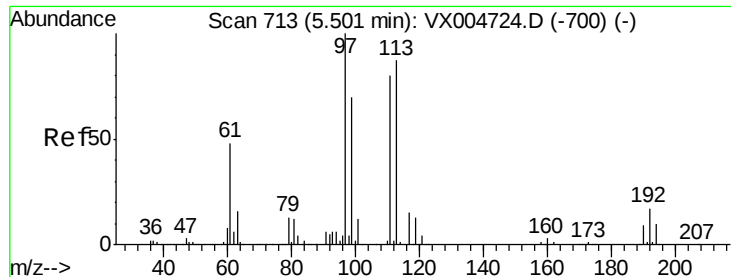
Tgt Ion: 65 Resp: 133866
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005233.D
 Acq: 11 Oct 2018 04:58

Tgt Ion: 114 Resp: 268728
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.8 0.0 27.0

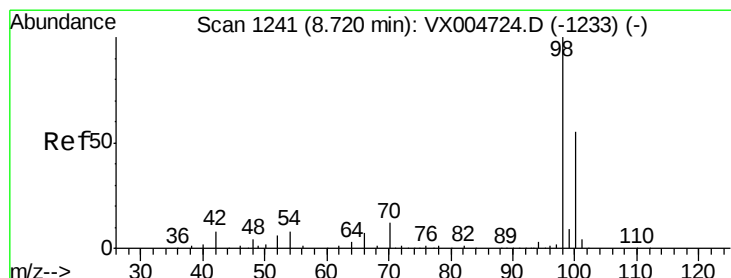
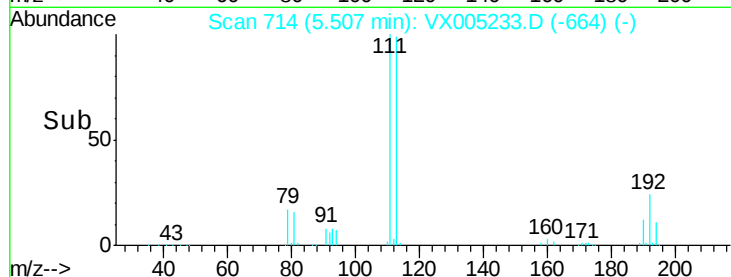
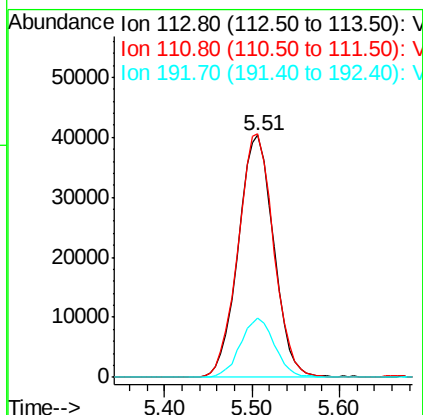
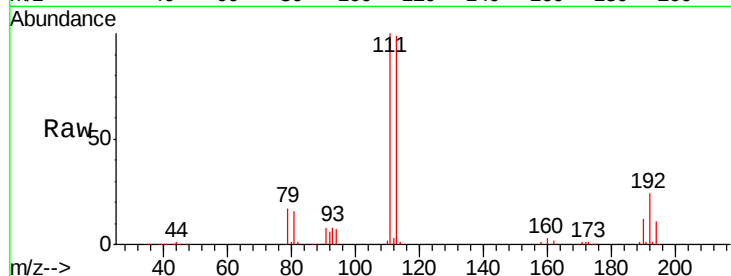




#35
Dibromofluoromethane
Concen: 49.84 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005233.D
Acq: 11 Oct 2018 04:58

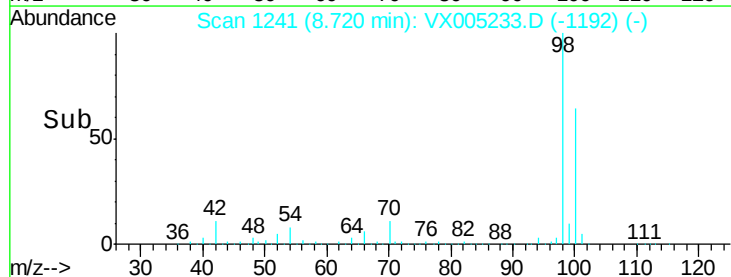
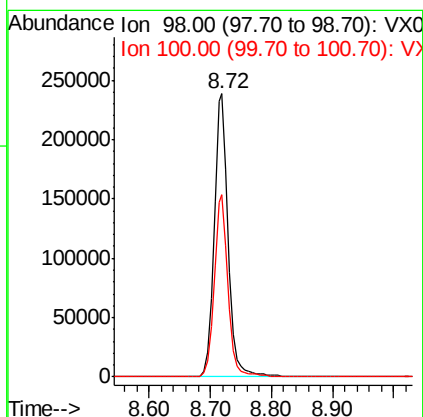
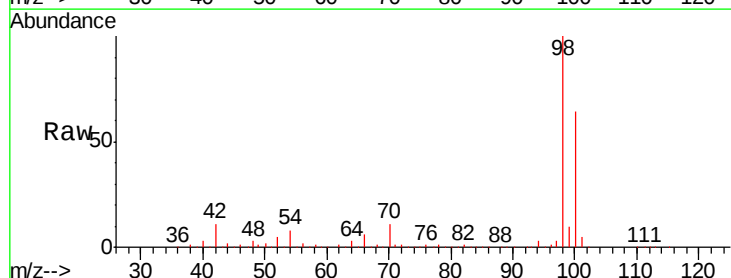
Instrument :
MSVOA_X
ClientSampleId :
FA18-GMZ5-ER1

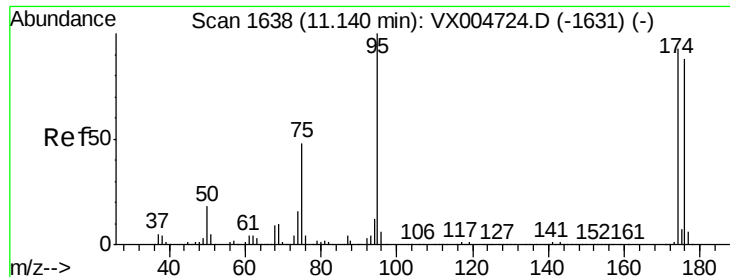
Tgt Ion:113 Resp: 113511
Ion Ratio Lower Upper
113 100
111 101.2 77.0 115.4
192 23.7 17.0 25.6



#50
Toluene-d8
Concen: 51.62 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005233.D
Acq: 11 Oct 2018 04:58

Tgt Ion: 98 Resp: 390857
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 51.54 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005233.D

Acq: 11 Oct 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-GMZ5-ER1

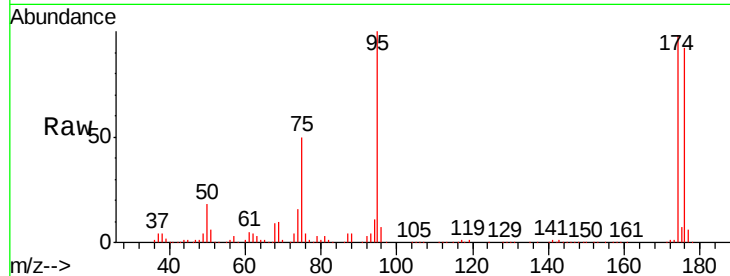
Tgt Ion: 95 Resp: 140597

Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.0

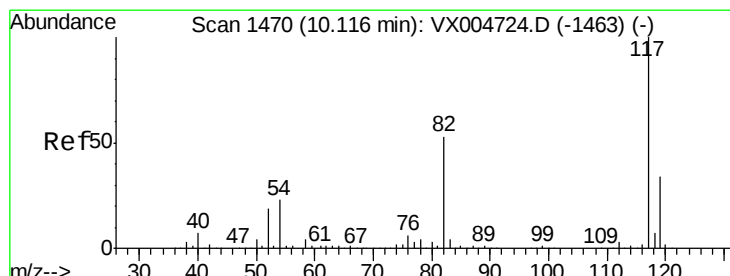
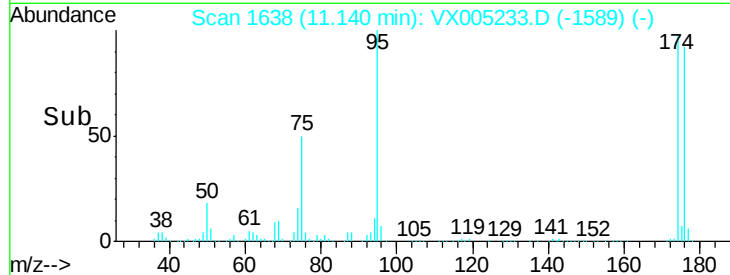
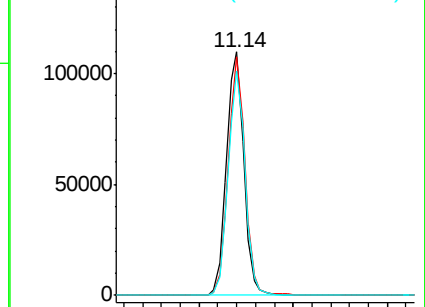
176 89.9 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX005233.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005233.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005233.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005233.D

Acq: 11 Oct 2018 04:58

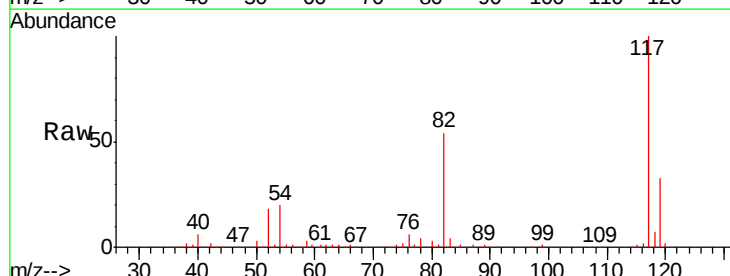
Tgt Ion: 117 Resp: 268376

Ion Ratio Lower Upper

117 100

82 54.5 42.2 63.4

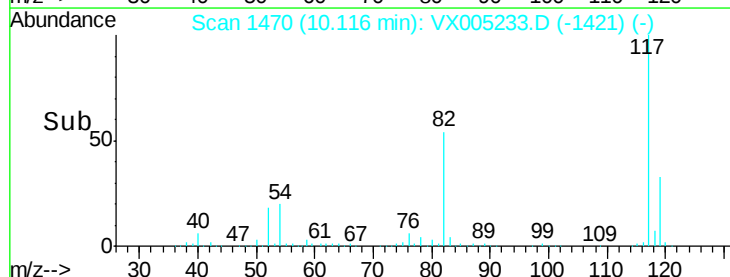
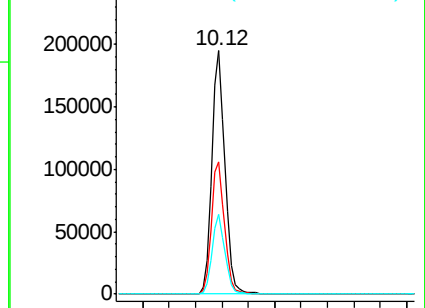
119 32.8 27.4 41.0

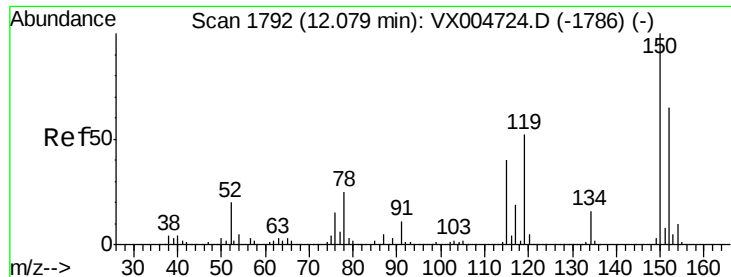


Abundance Ion 116.90 (116.60 to 117.60): VX005233.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005233.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005233.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005233.D

Acq: 11 Oct 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

FA18-GMZ5-ER1

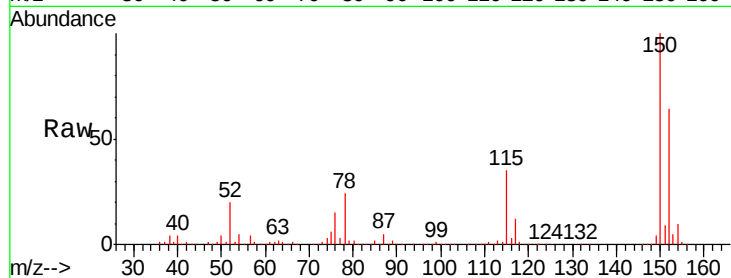
Tgt Ion:152 Resp: 149207

Ion Ratio Lower Upper

152 100

115 55.5 40.2 120.6

150 157.3 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

