

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006149.D
 Acq On : 22 Nov 2018 03:37
 Operator : JC/MD
 Sample : J6032-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MMTW-03

Quant Time: Nov 22 04:27:21 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

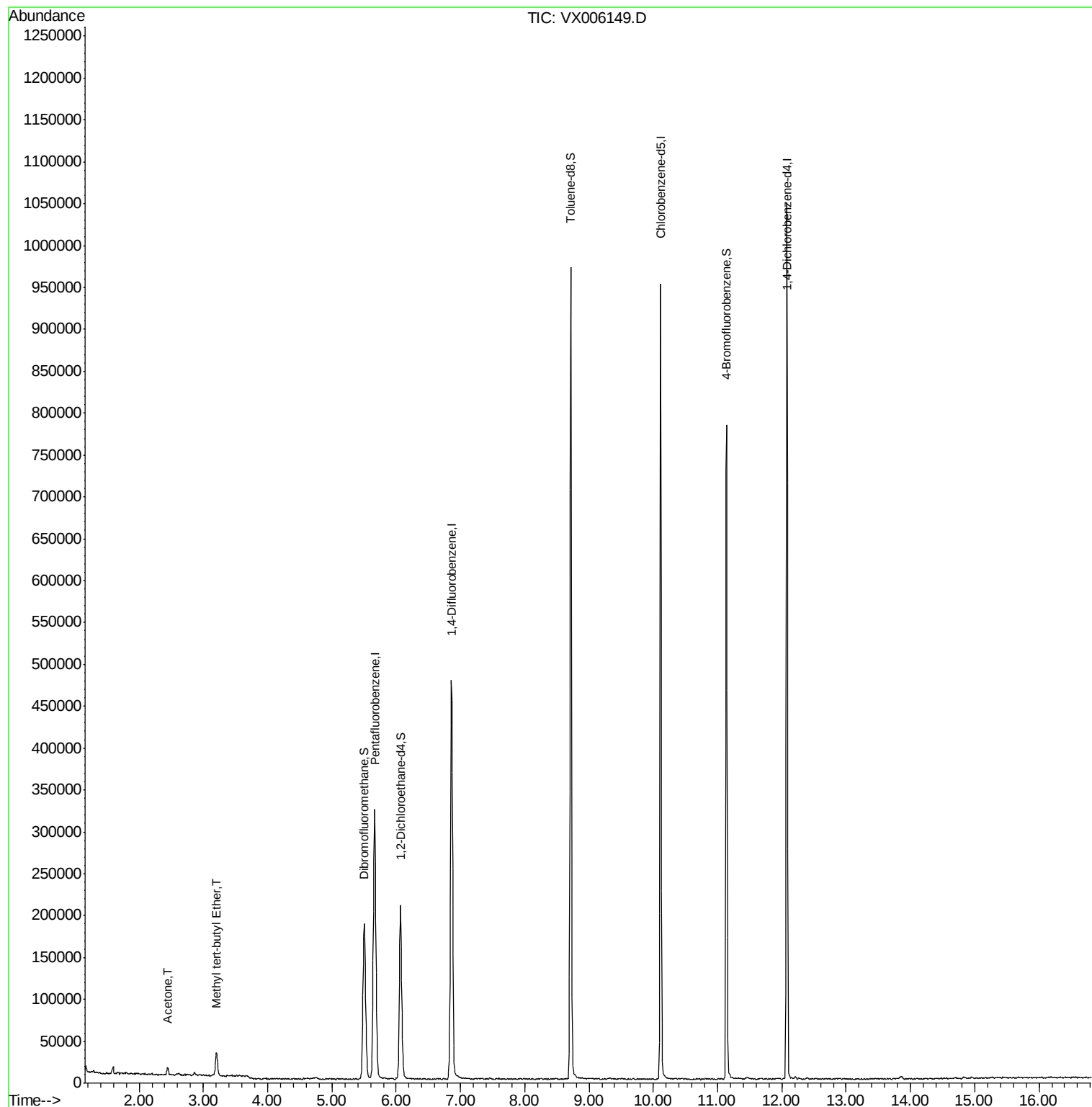
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	322850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	475695	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	441527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	195892	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
35) Dibromofluoromethane	5.51	113	161045	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
50) Toluene-d8	8.71	98	577029	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.14	95	195977	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
Target Compounds						
16) Acetone	2.44	43	11095	6.683	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	30057	3.730	ug/l	99

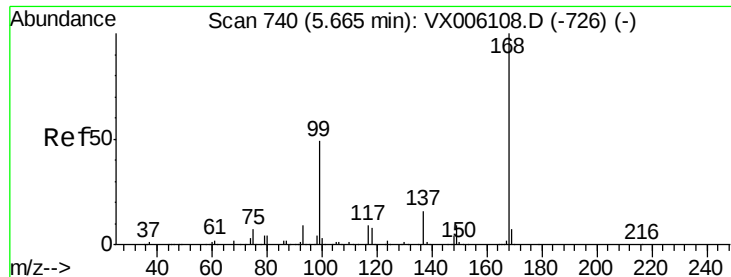
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006149.D

Acq: 22 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

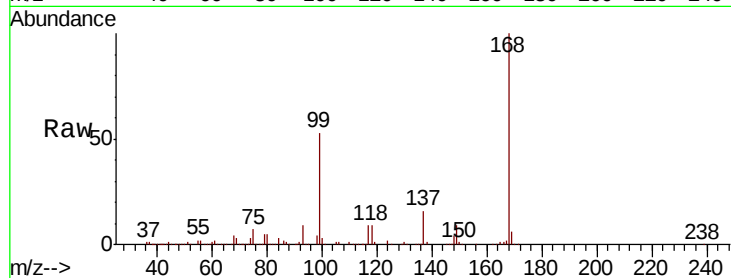
MMTW-03

Tot Ion:168 Resp: 322850

Ion Ratio Lower Upper

168 100

99 52.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

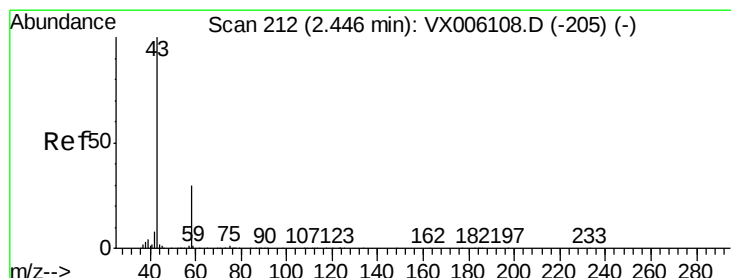
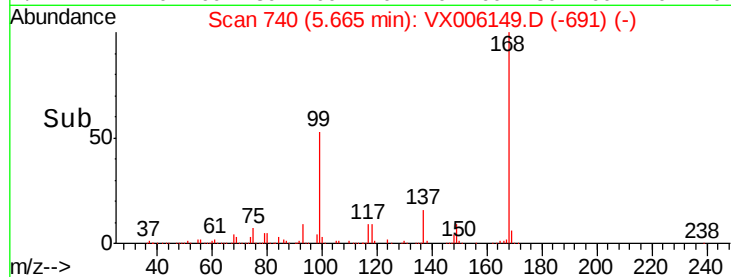
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.683 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006149.D

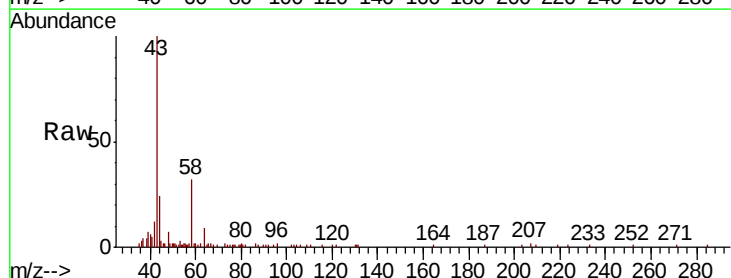
Acq: 22 Nov 2018 03:37

Tgt Ion: 43 Resp: 11095

Ion Ratio Lower Upper

43 100

58 31.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

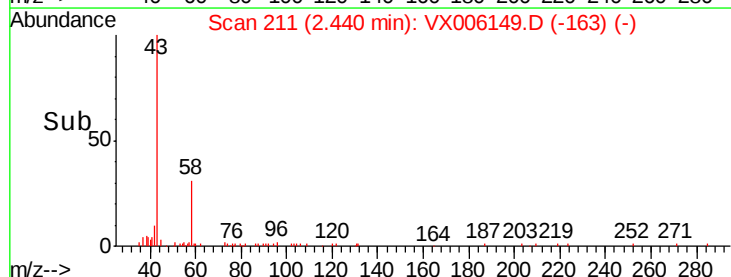
6000

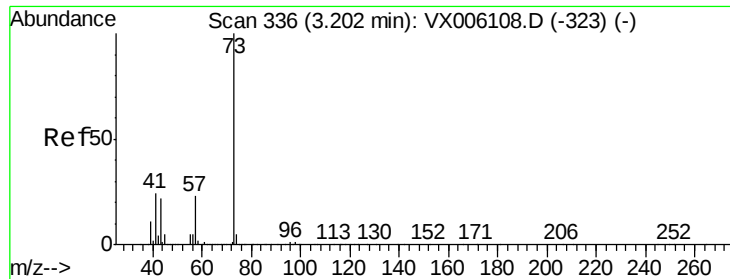
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55



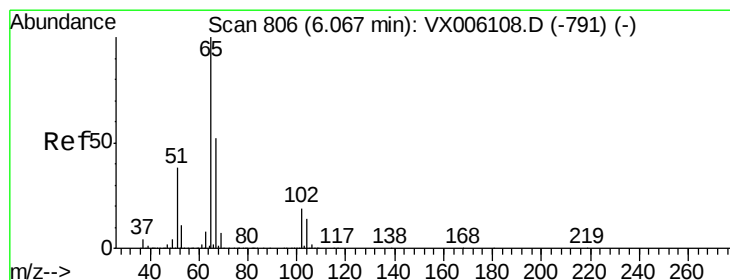
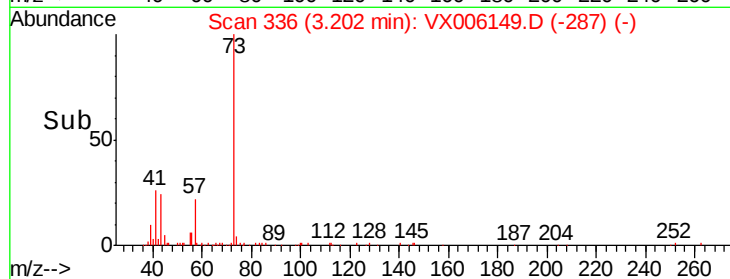
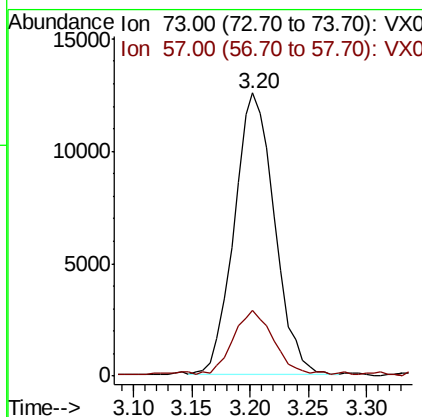
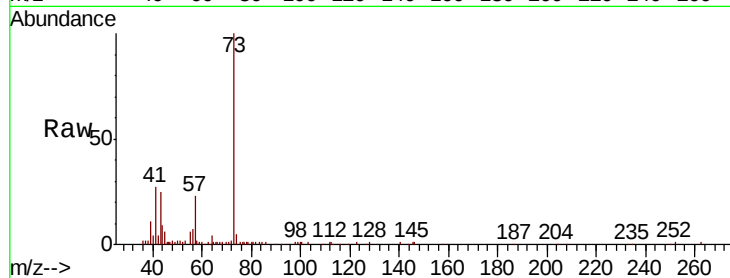


#19

Methvl tert-butvl Ether
 Concen: 3.730 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006149.D
 Acq: 22 Nov 2018 03:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MMTW-03

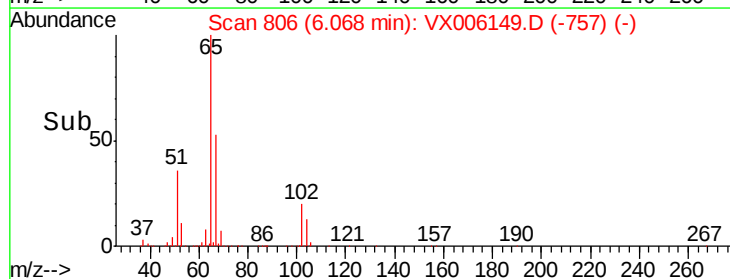
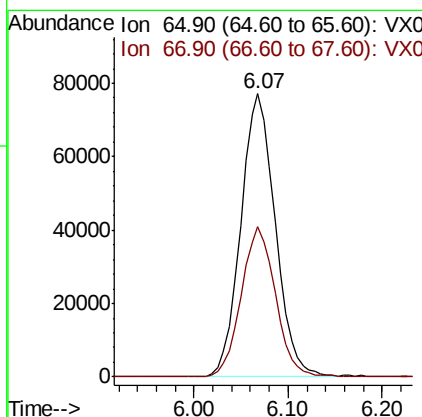
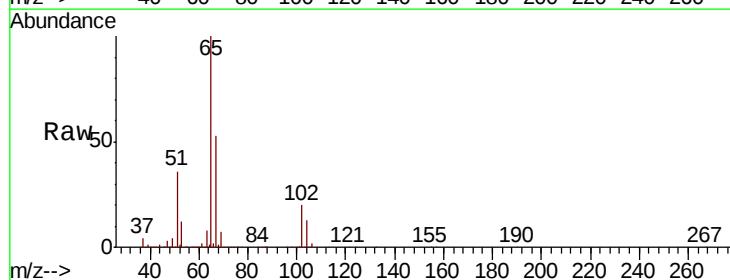
Tot Ion: 73 Resp: 30057
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.2 27.4

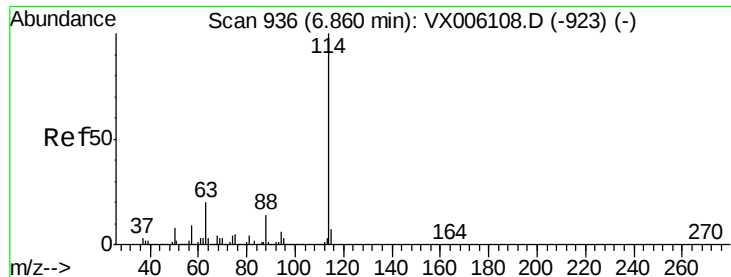


#33

1,2-Dichloroethane-d4
 Concen: 52.363 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006149.D
 Acq: 22 Nov 2018 03:37

Tgt Ion: 65 Resp: 195892
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006149.D

Acq: 22 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampled :

MMTW-03

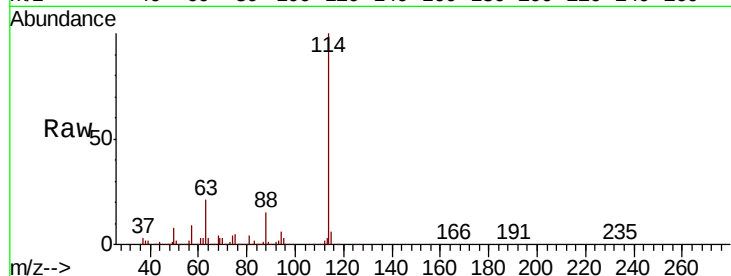
Tot Ion:114 Resp: 475695

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

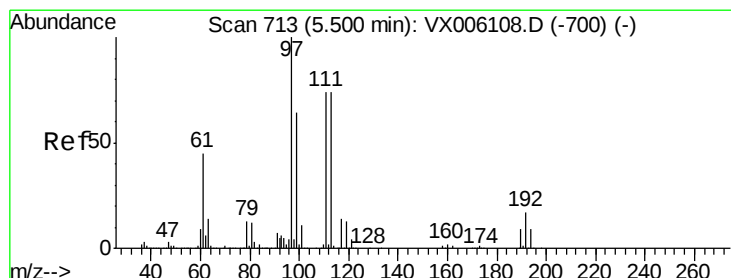
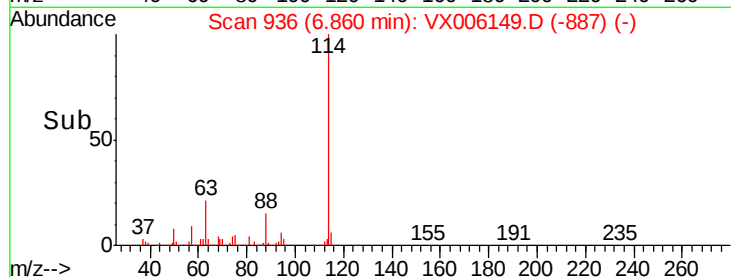
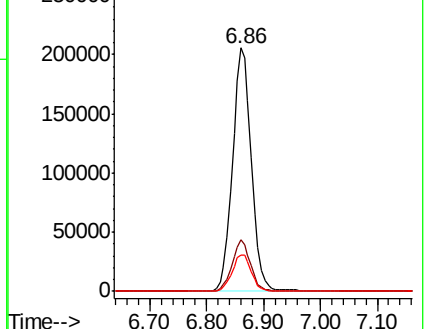
88 14.9 0.0 28.6



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: 52.740 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006149.D

Acq: 22 Nov 2018 03:37

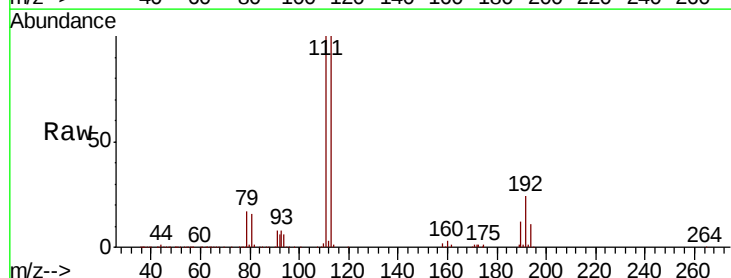
Tgt Ion:113 Resp: 161045

Ion Ratio Lower Upper

113 100

111 100.9 81.5 122.3

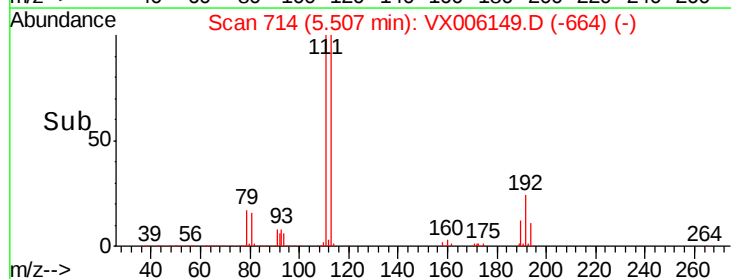
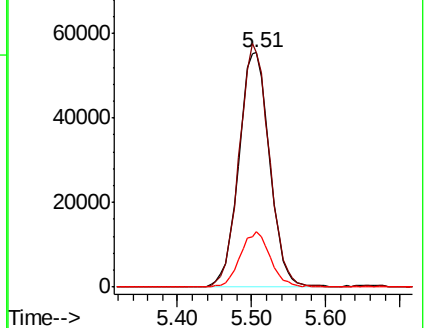
192 23.0 18.6 28.0

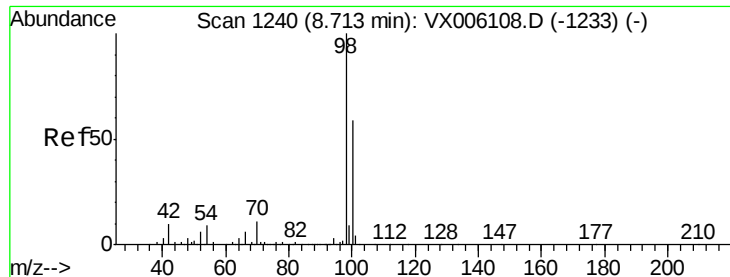


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.544 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006149.D

Acq: 22 Nov 2018 03:37

Instrument :

MSVOA_X

ClientSampleId :

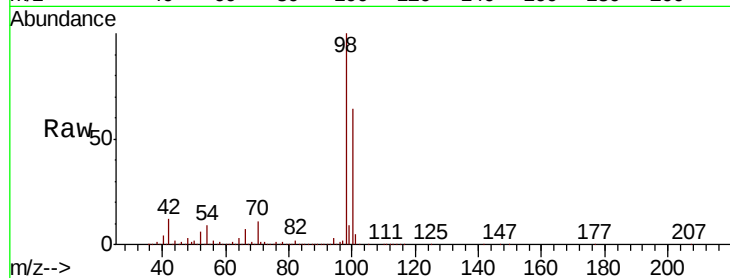
MMTW-03

Tot Ion: 98 Resp: 577029

Ion Ratio Lower Upper

98 100

100 62.9 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

400000

300000

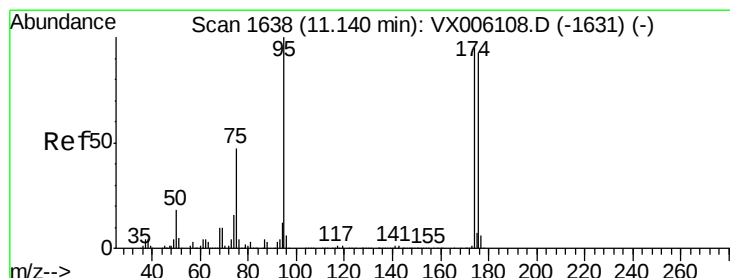
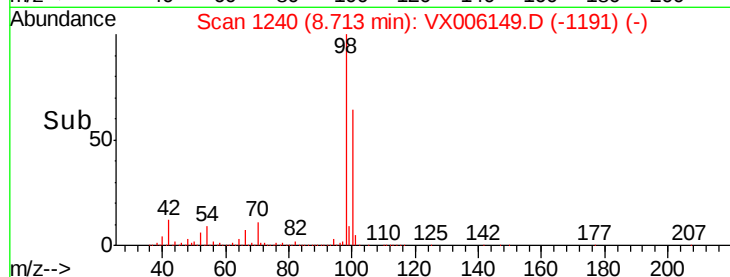
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 44.847 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006149.D

Acq: 22 Nov 2018 03:37

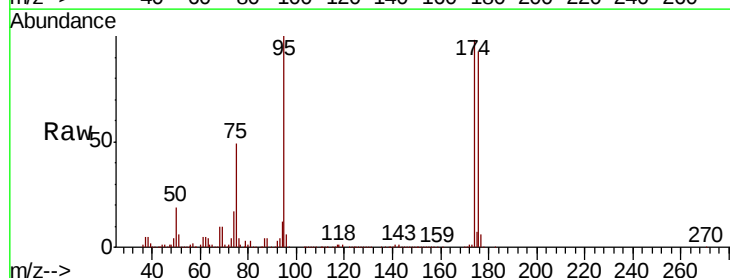
Tgt Ion: 95 Resp: 195977

Ion Ratio Lower Upper

95 100

174 93.7 0.0 184.4

176 89.7 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

200000

150000

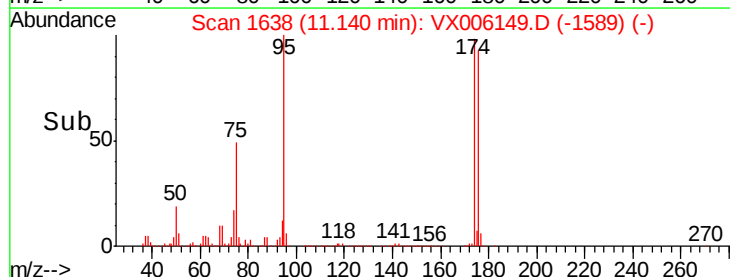
100000

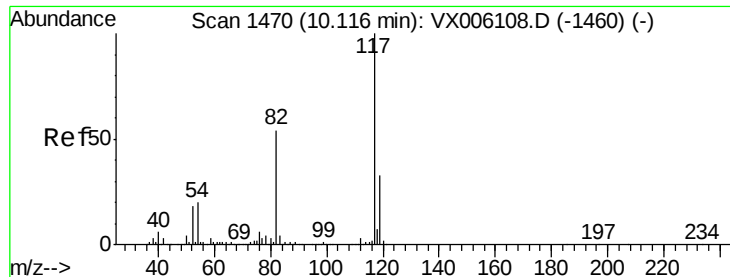
50000

0

Time-->

11.10 11.20

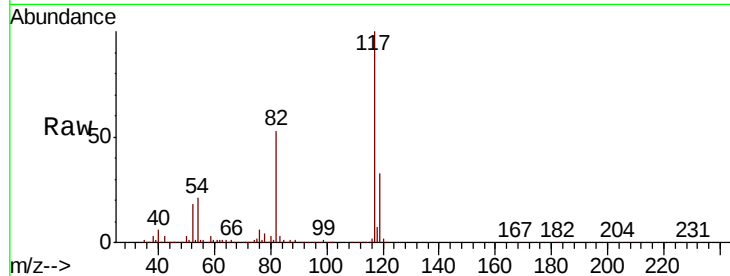




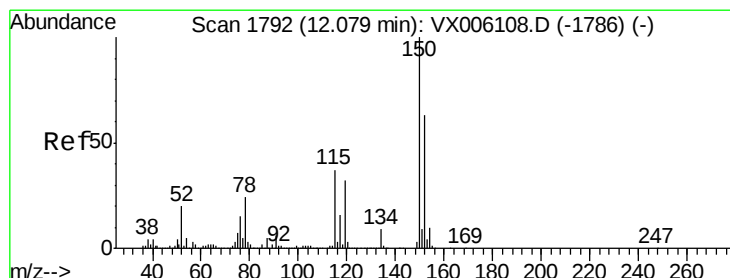
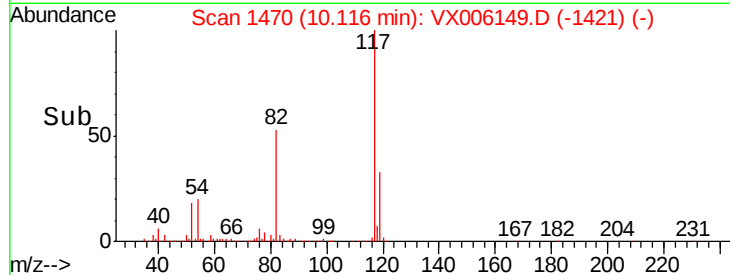
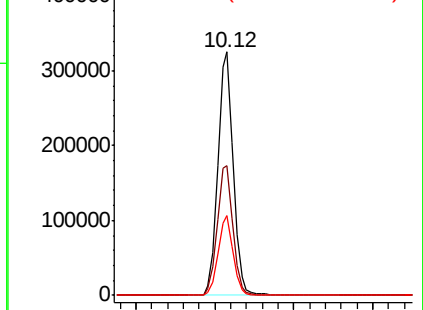
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006149.D
Acq: 22 Nov 2018 03:37

Instrument :
MSVOA_X
ClientSampleId :
MMTW-03

Tot Ion:117 Resp: 441527
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.8 26.1 39.1

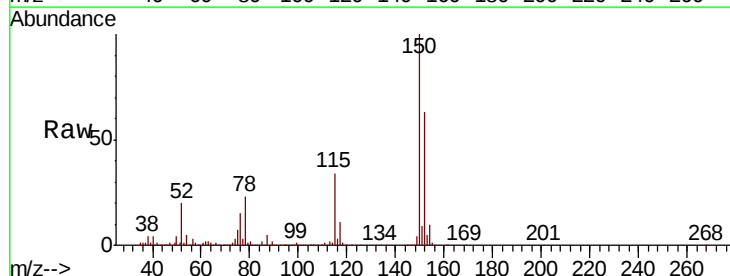


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006149.D
Acq: 22 Nov 2018 03:37

Tgt Ion:152 Resp: 216175
Ion Ratio Lower Upper
152 100
115 54.1 39.0 116.9
150 156.4 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

