

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006152.D
 Acq On : 22 Nov 2018 04:57
 Operator : JC/MD
 Sample : J6031-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VTW-02

Quant Time: Nov 22 06:36:34 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

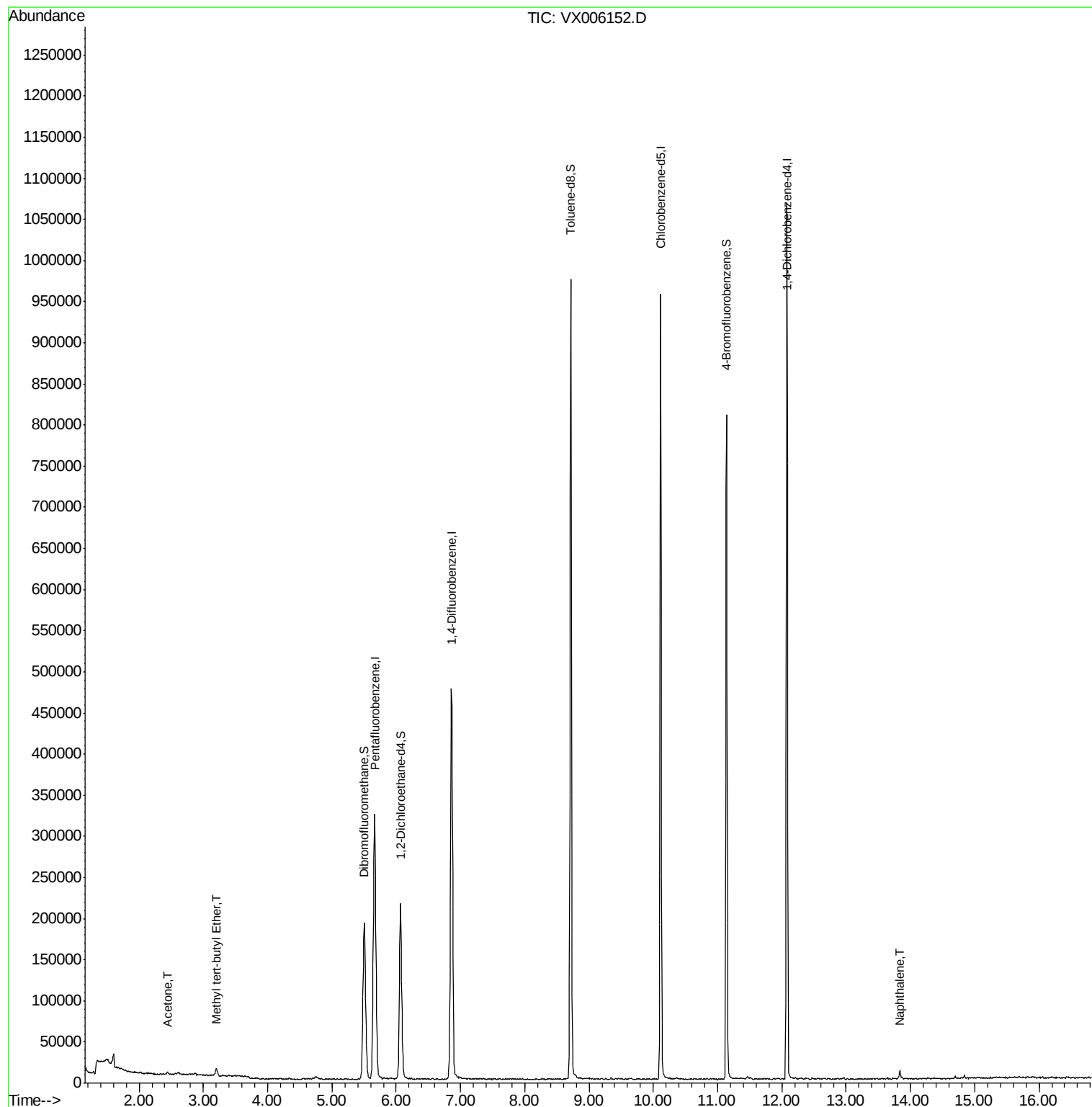
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	322047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	446136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	200002	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
35) Dibromofluoromethane	5.50	113	161189	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
50) Toluene-d8	8.71	98	580882	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	196777	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
Target Compounds						
16) Acetone	2.44	43	3498	2.112	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	9980	1.242	ug/l	94
95) Naphthalene	13.83	128	5833	0.401	ug/l	97

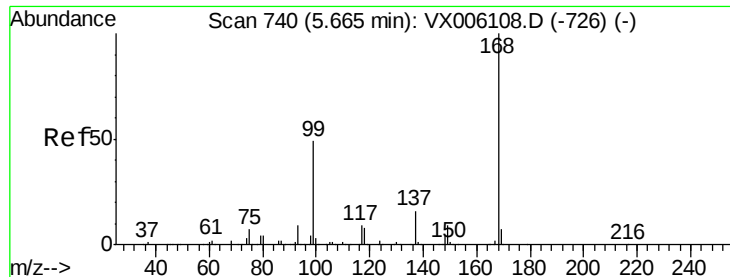
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006152.D

Acq: 22 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

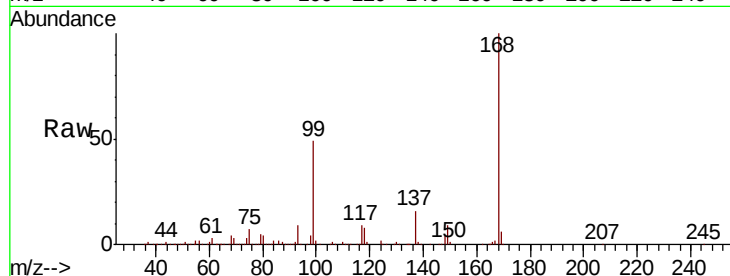
VTW-02

Tot Ion:168 Resp: 322047

Ion Ratio Lower Upper

168 100

99 49.3 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) (-)

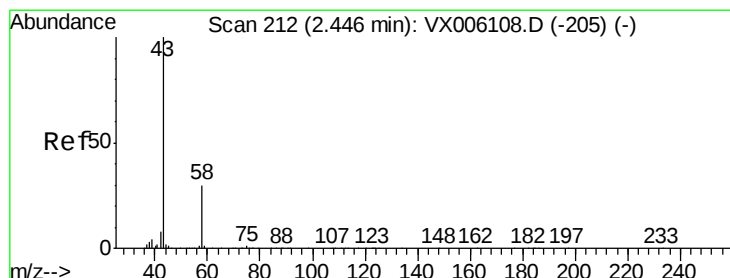
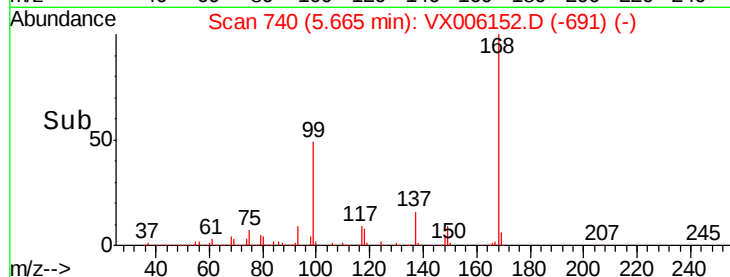
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 2.112 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006152.D

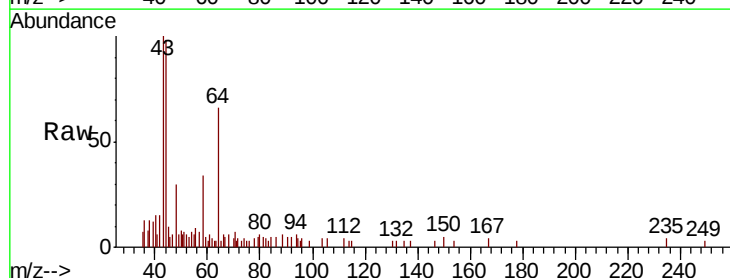
Acq: 22 Nov 2018 04:57

Tgt Ion: 43 Resp: 3498

Ion Ratio Lower Upper

43 100

58 32.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX006108.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX006108.D (-205) (-)

2.44

2000

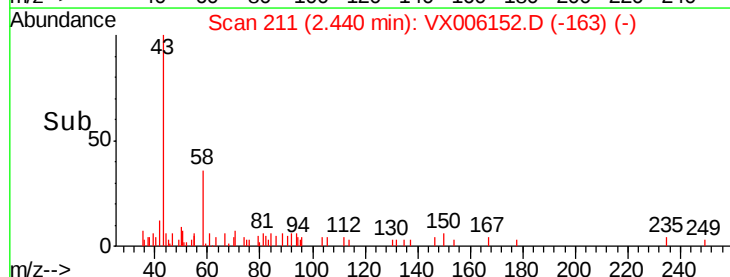
1500

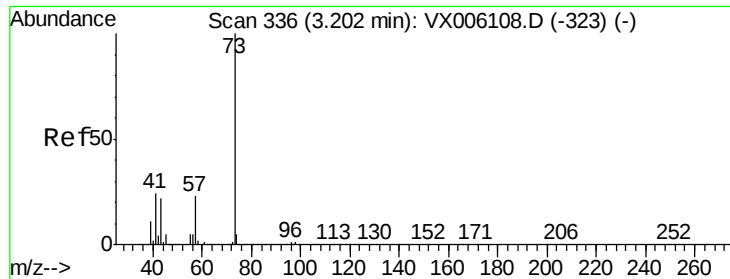
1000

500

0

Time-->



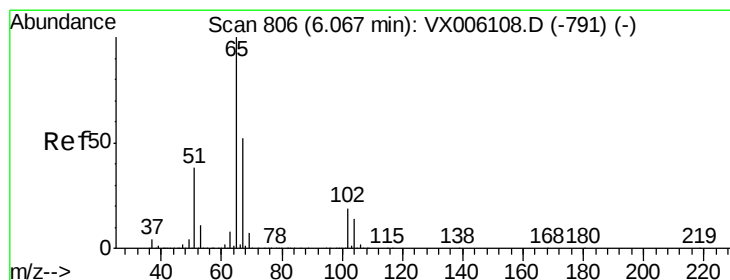
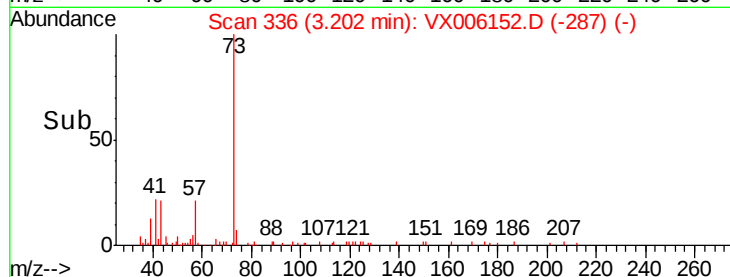
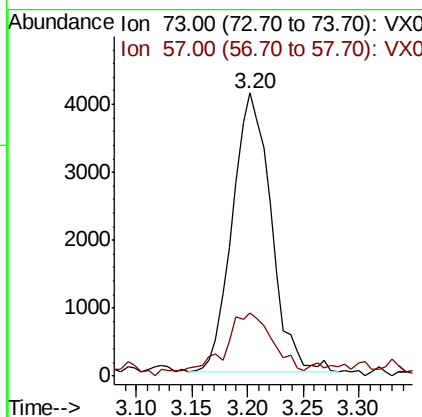
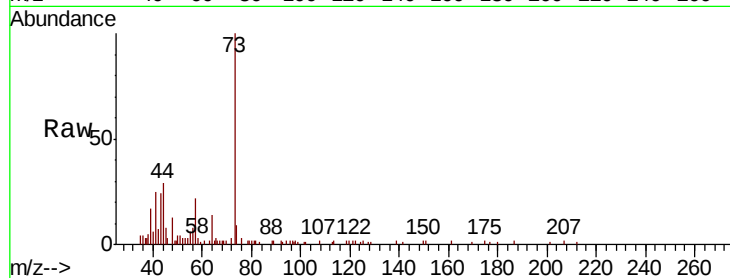


#19

Methvl tert-butvl Ether
Concen: 1.242 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006152.D
Acq: 22 Nov 2018 04:57

Instrument :
MSVOA_X
ClientSampleId :
VTW-02

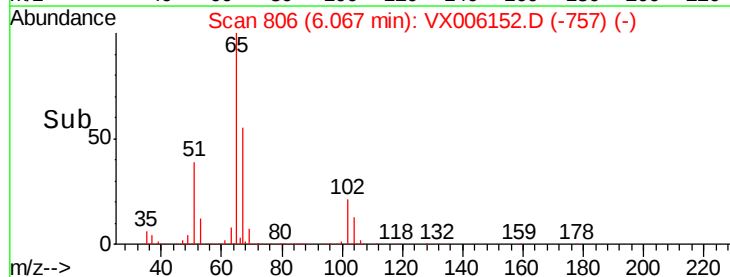
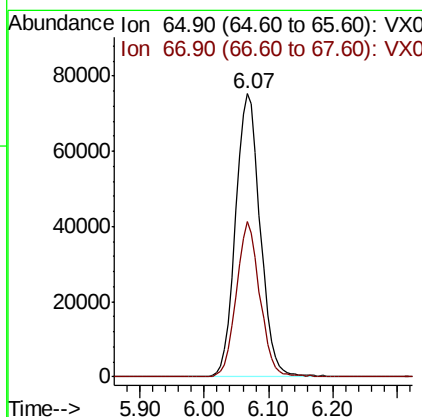
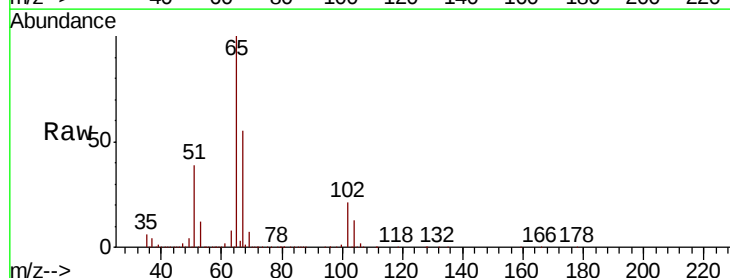
Tot Ion: 73 Resp: 9980
Ion Ratio Lower Upper
73 100
57 19.8 18.2 27.4

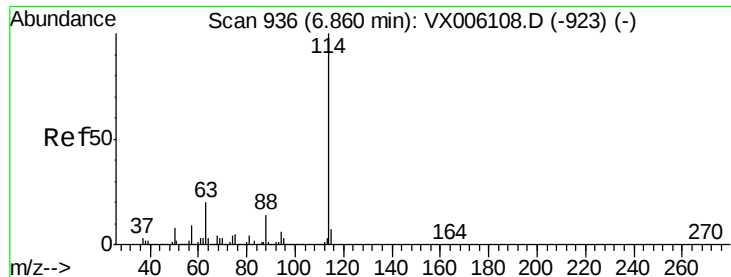


#33

1,2-Dichloroethane-d4
Concen: 53.595 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006152.D
Acq: 22 Nov 2018 04:57

Tgt Ion: 65 Resp: 200002
Ion Ratio Lower Upper
65 100
67 52.5 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: VX006152.D

Acq: 22 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

VTW-02

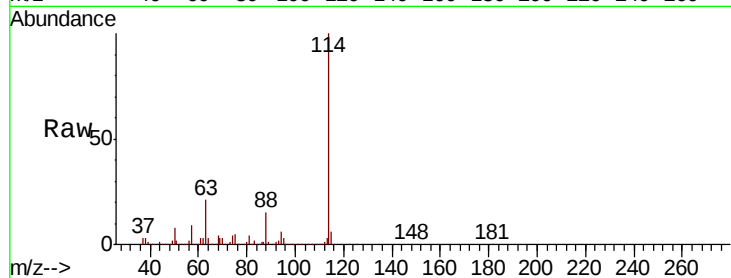
Tot Ion:114 Resp: 479898

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

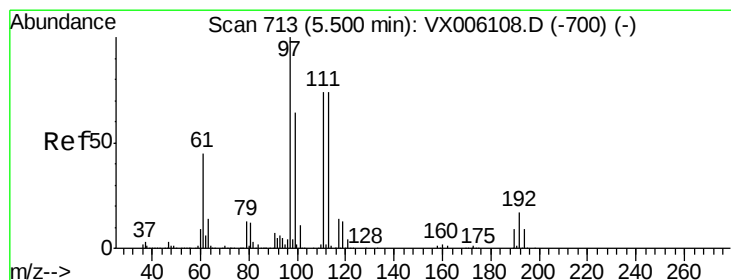
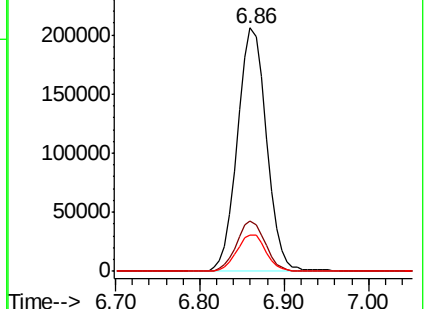
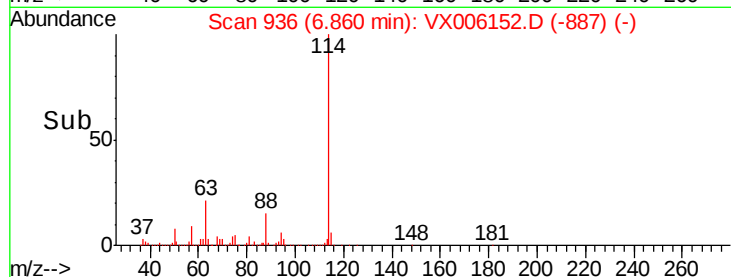
88 14.7 0.0 28.6



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: 52.325 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006152.D

Acq: 22 Nov 2018 04:57

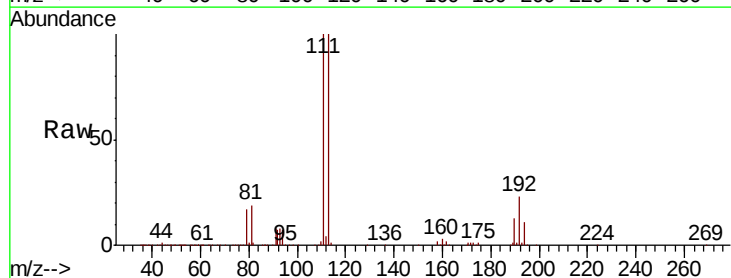
Tgt Ion:113 Resp: 161189

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

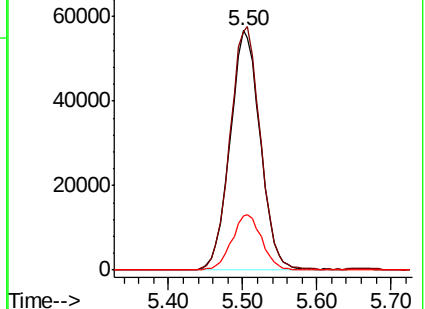
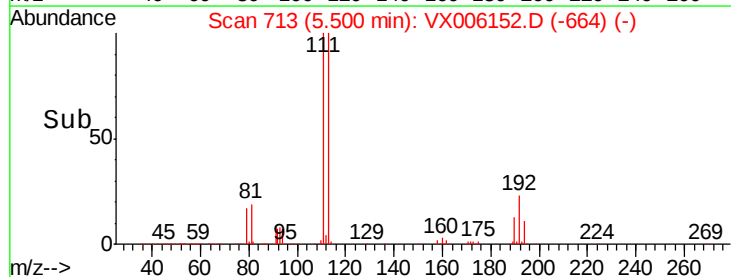
192 23.1 18.6 28.0

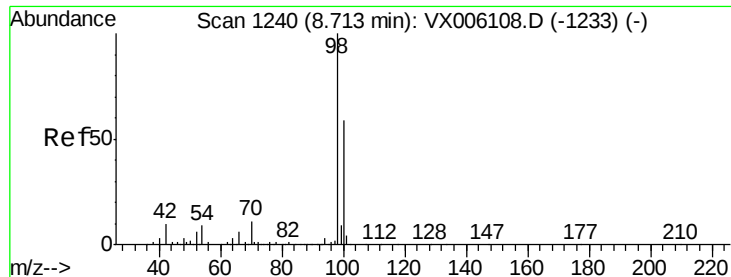


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.438 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006152.D

Acq: 22 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

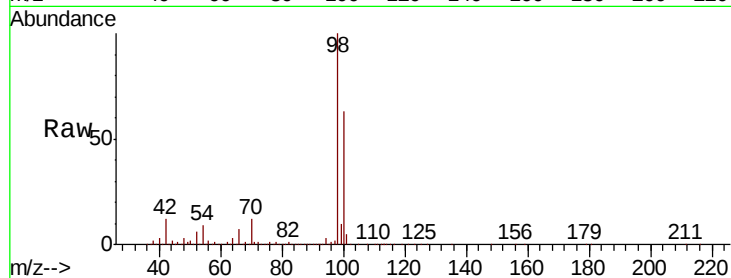
VTW-02

Tot Ion: 98 Resp: 580882

Ion Ratio Lower Upper

98 100

100 63.3 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

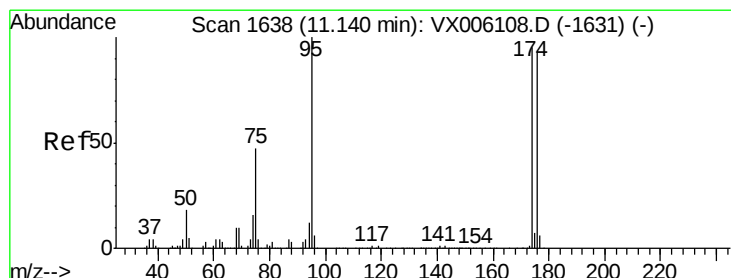
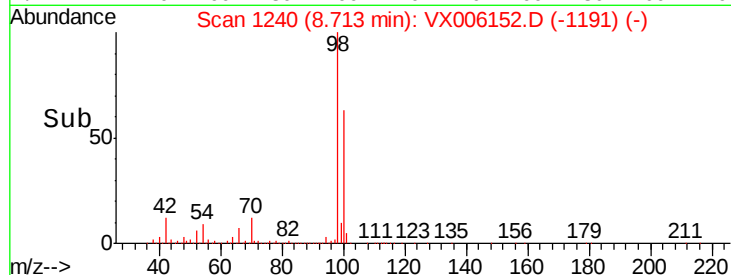
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.635 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006152.D

Acq: 22 Nov 2018 04:57

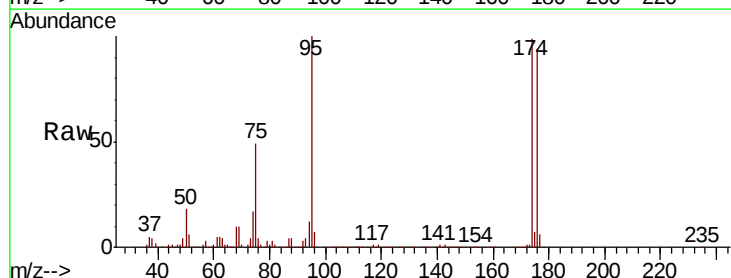
Tgt Ion: 95 Resp: 196777

Ion Ratio Lower Upper

95 100

174 93.5 0.0 184.4

176 89.8 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

11.14

200000

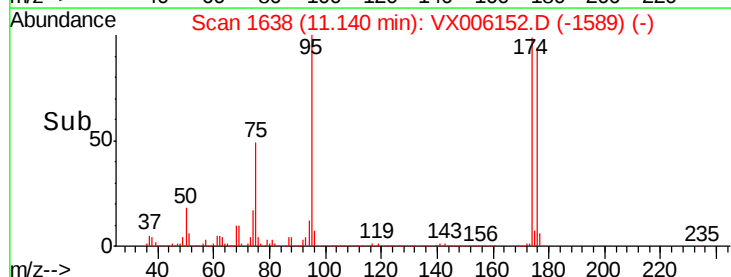
150000

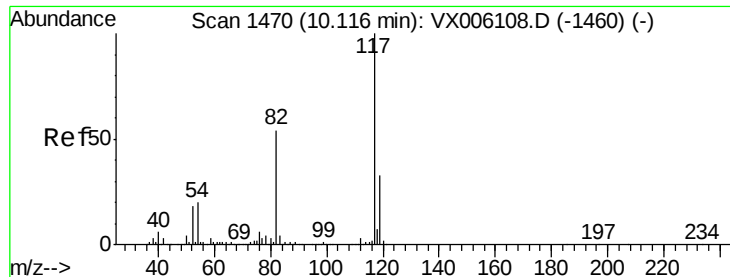
100000

50000

0

Time-->

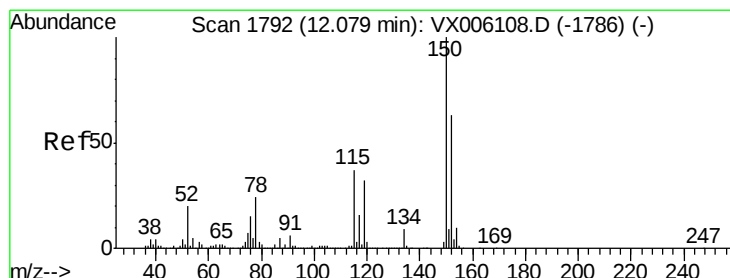
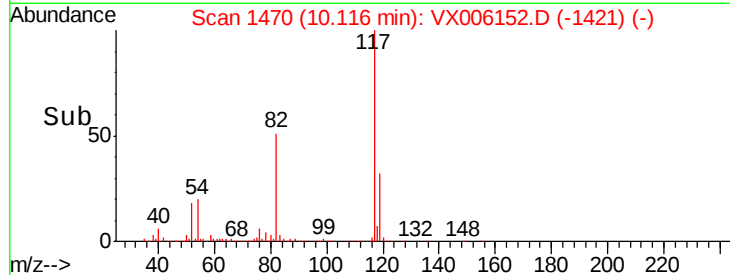
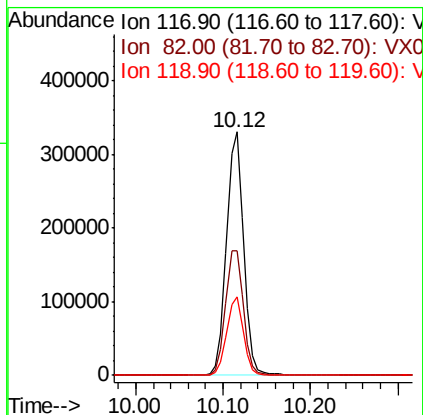
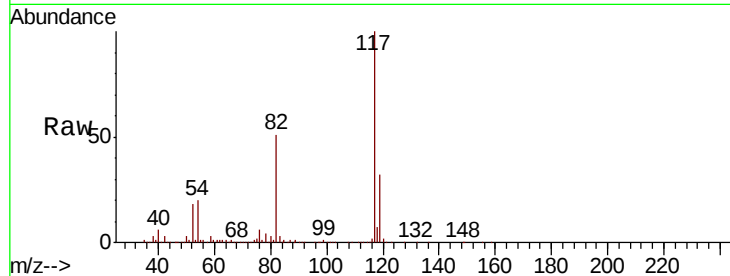




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006152.D
Acq: 22 Nov 2018 04:57

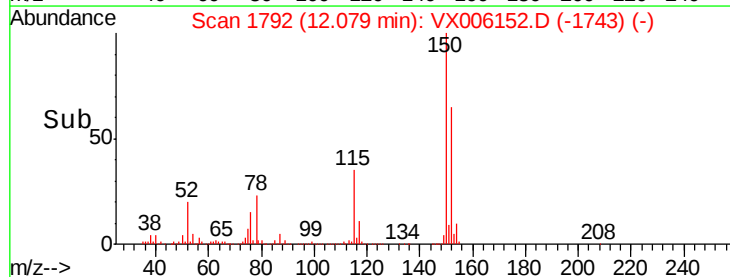
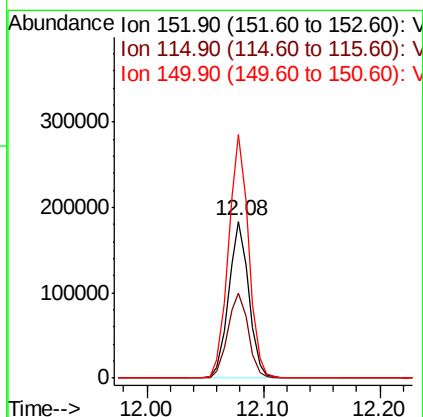
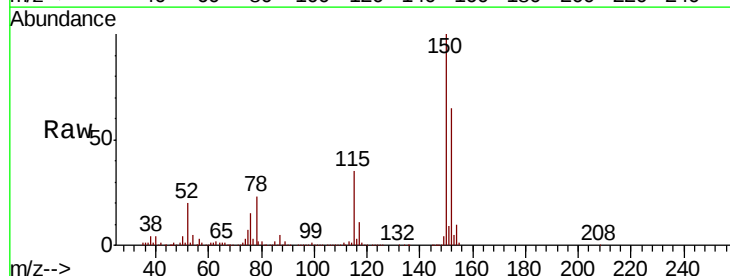
Instrument :
MSVOA_X
ClientSampled :
VTW-02

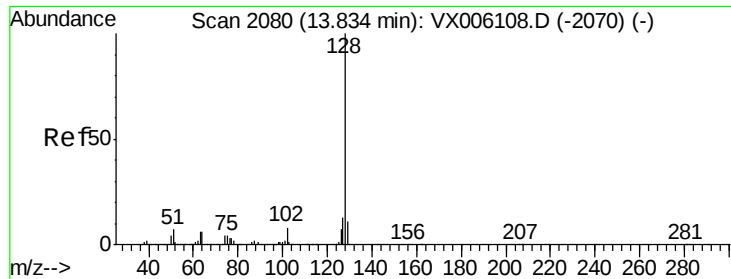
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	43.0	64.4
119	32.2	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006152.D
Acq: 22 Nov 2018 04:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.0	116.9
150	156.1	0.0	346.6





#95

Naphthalene

Concen: 0.401 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006152.D

Acq: 22 Nov 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

VTW-02

Tot Ion:128 Resp: 5833

Ion Ratio Lower Upper

128 100

127 14.8 10.6 15.8

129 11.5 8.8 13.2

