

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006490.D
 Acq On : 13 Dec 2018 12:33
 Operator : JC/MD
 Sample : J6377-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-RB-181211

Quant Time: Dec 14 00:35:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

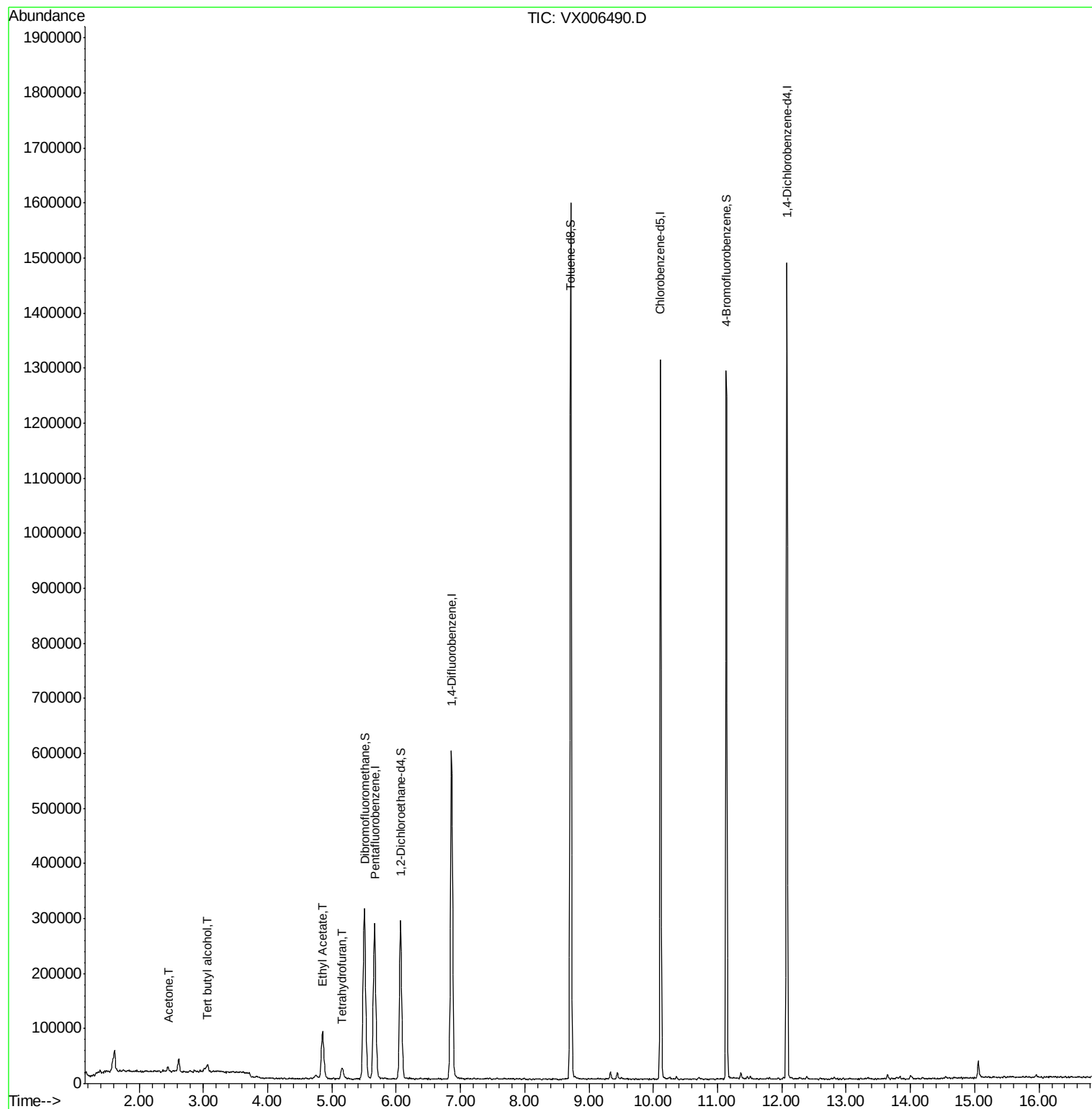
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	652277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	641530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	320173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	265569	91.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	183.88%	
35) Dibromofluoromethane	5.51	113	263454	62.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.76%	
50) Toluene-d8	8.71	98	973985	63.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.80%	
62) 4-Bromofluorobenzene	11.13	95	352262	60.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.70%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	20879	26.430	ug/l	96
16) Acetone	2.45	43	9672	7.135	ug/l	98
29) Tetrahydrofuran	5.16	42	19355	14.398	ug/l	99
37) Ethyl Acetate	4.85	43	149214	24.257	ug/l	96

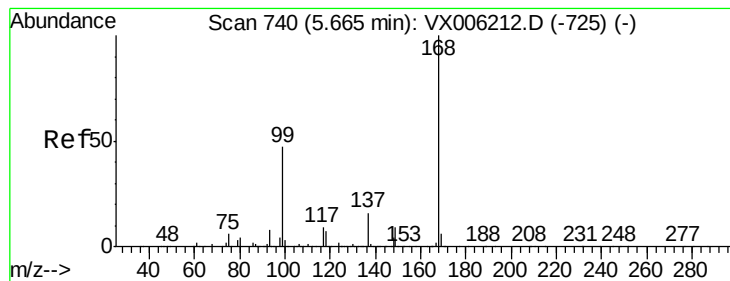
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX006490.D

Acq: 13 Dec 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

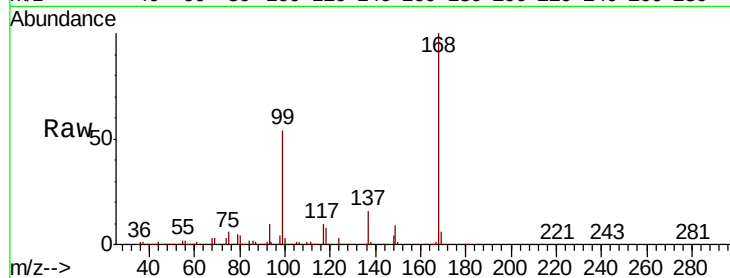
P001-RB-181211

Tot Ion:168 Resp: 282963

Ion Ratio Lower Upper

168 100

99 54.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

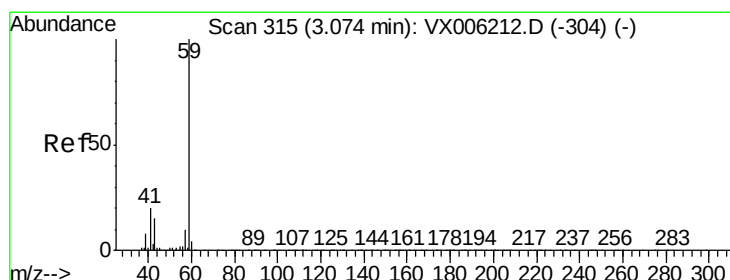
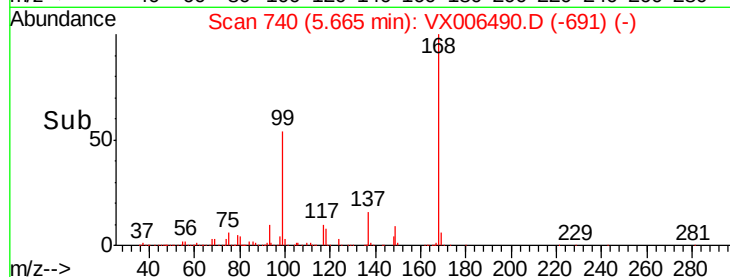
5.67

5.60

5.70

5.80

Time-->



#11

Tert butyl alcohol

Concen: 26.430 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX006490.D

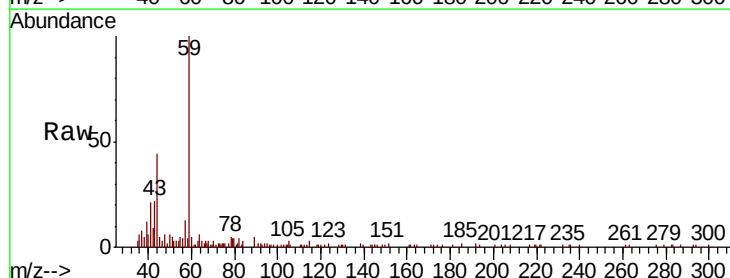
Acq: 13 Dec 2018 12:33

Tgt Ion: 59 Resp: 20879

Ion Ratio Lower Upper

59 100

57 11.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

8000

6000

4000

2000

0

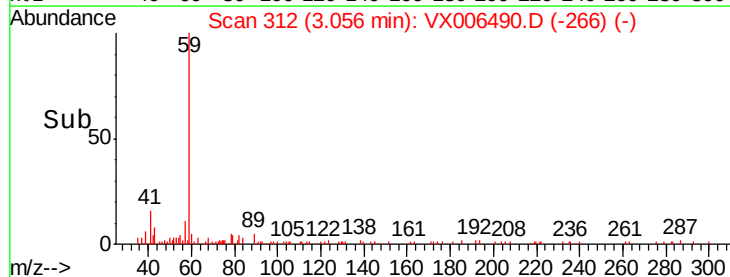
3.06

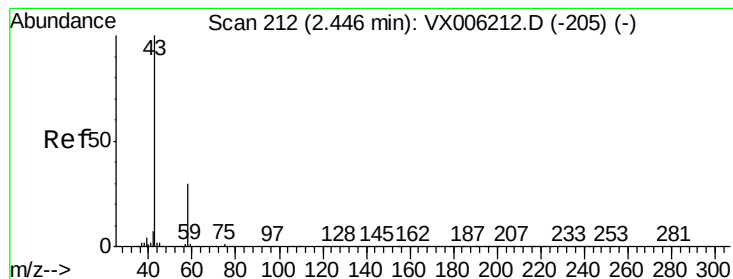
2.90

3.00

3.10

Time-->





#16

Acetone

Concen: 7.135 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006490.D

Acq: 13 Dec 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

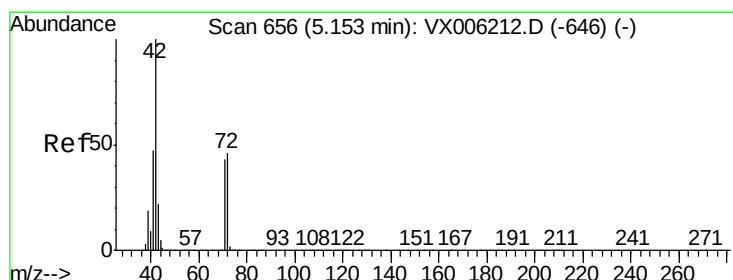
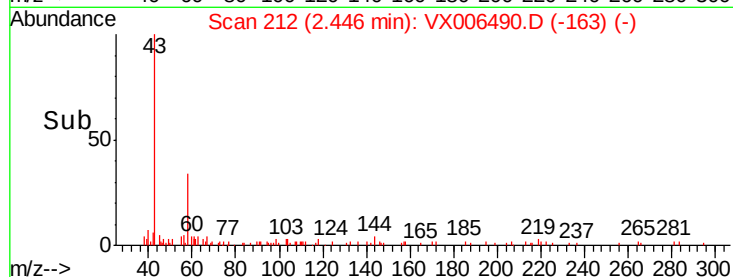
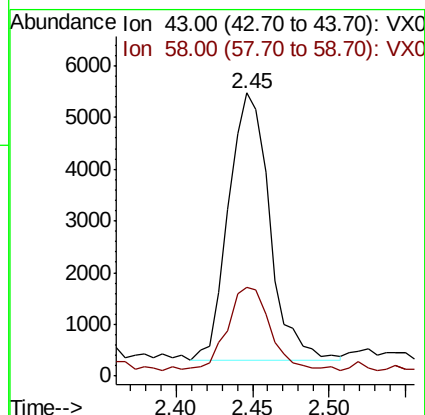
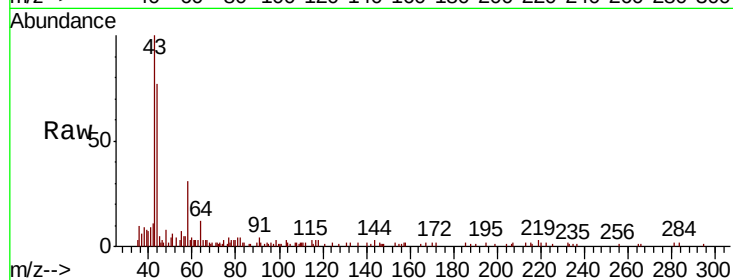
P001-RB-181211

Tot Ion: 43 Resp: 9672

Ion Ratio Lower Upper

43 100

58 31.1 24.0 36.0



#29

Tetrahydrofuran

Concen: 14.398 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX006490.D

Acq: 13 Dec 2018 12:33

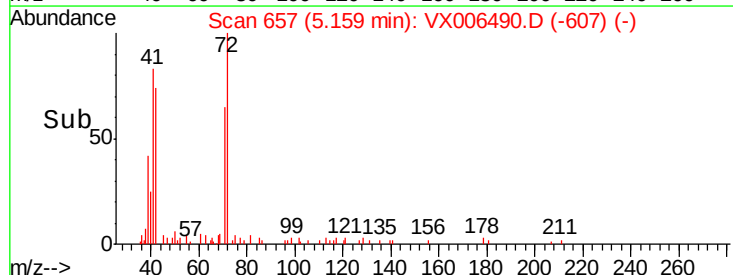
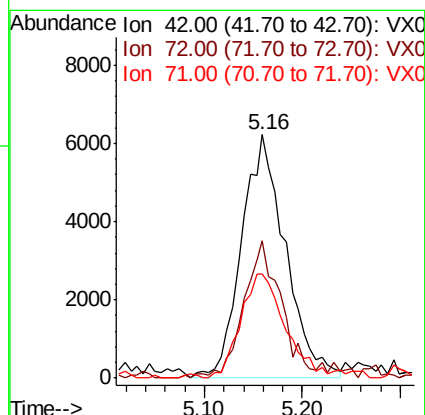
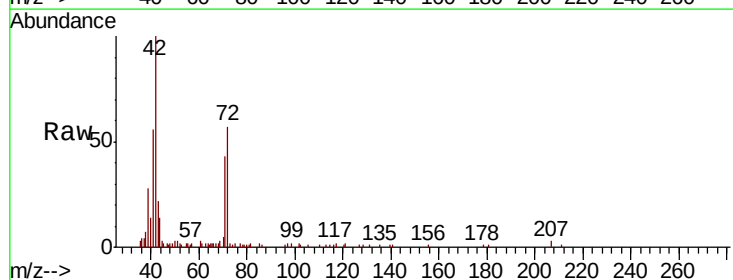
Tgt Ion: 42 Resp: 19355

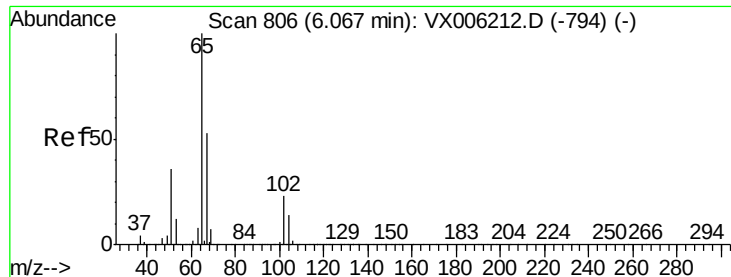
Ion Ratio Lower Upper

42 100

72 48.3 37.8 56.8

71 43.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 91.937 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006490.D

Acq: 13 Dec 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

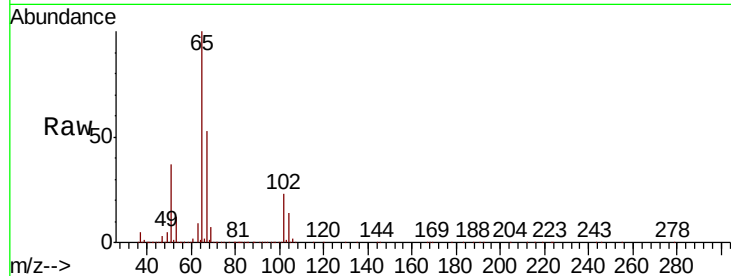
P001-RB-181211

Tot Ion: 65 Resp: 265569

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

60000

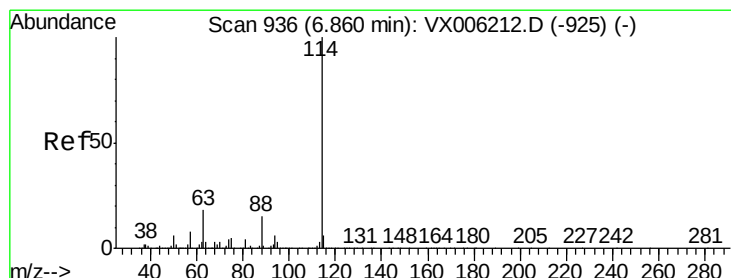
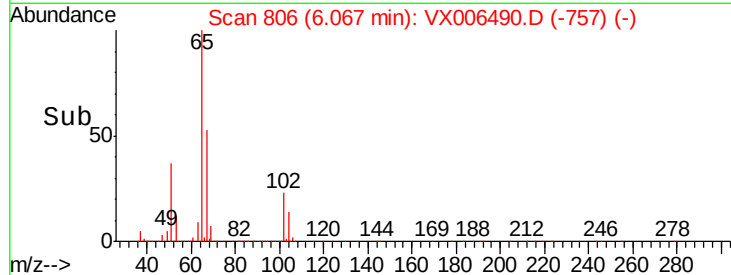
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006490.D

Acq: 13 Dec 2018 12:33

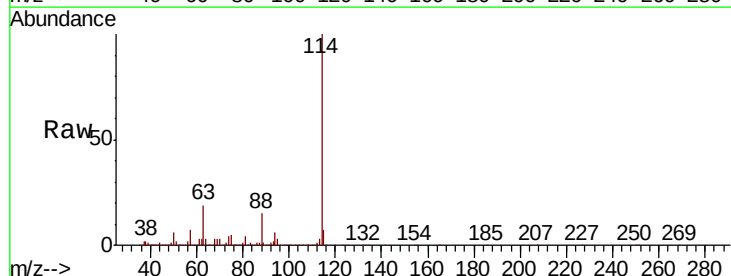
Tgt Ion: 114 Resp: 652277

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.6

88 15.3 0.0 29.0



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

6.86

300000

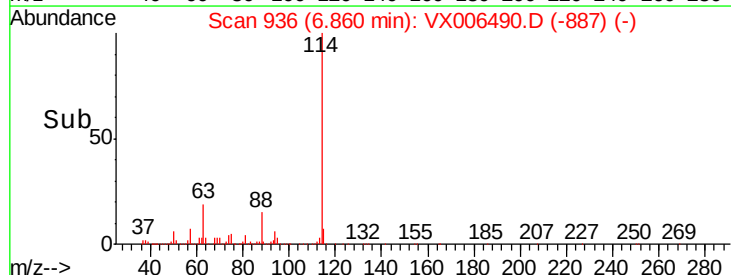
200000

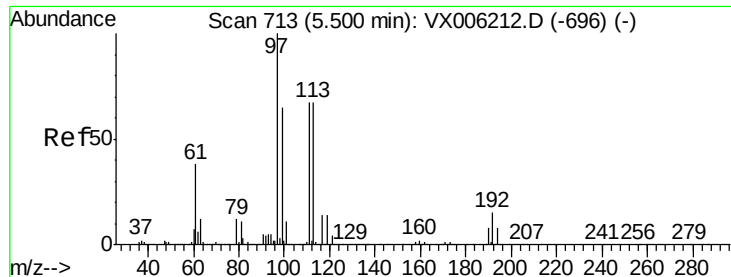
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 62.382 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006490.D

Acq: 13 Dec 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

P001-RB-181211

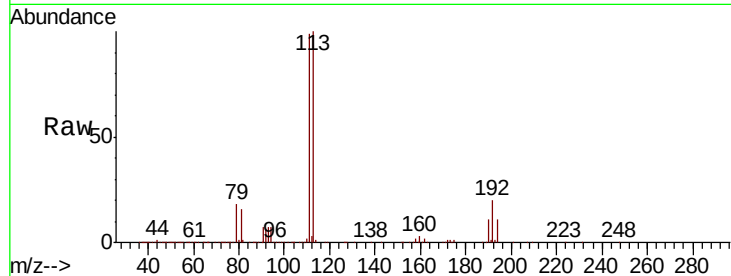
Tot Ion:113 Resp: 263454

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

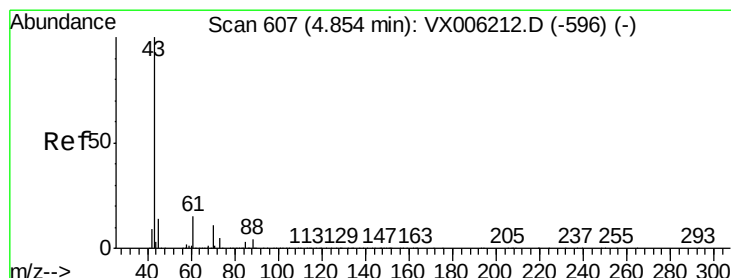
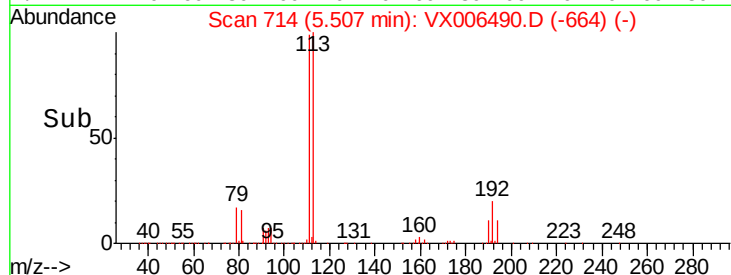
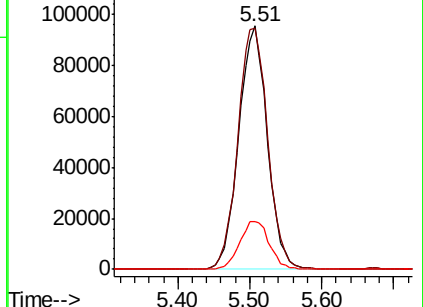
192 20.6 18.2 27.2



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



#37

Ethyl Acetate

Concen: 24.257 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX006490.D

Acq: 13 Dec 2018 12:33

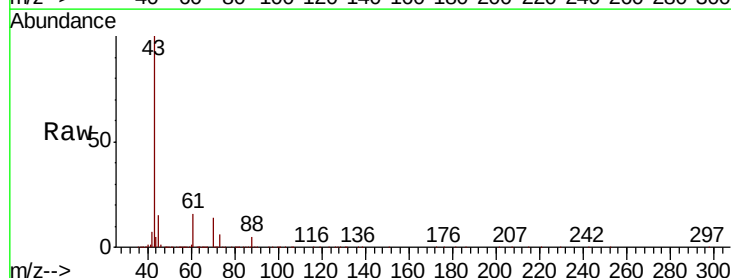
Tgt Ion: 43 Resp: 149214

Ion Ratio Lower Upper

43 100

61 15.8 11.5 17.3

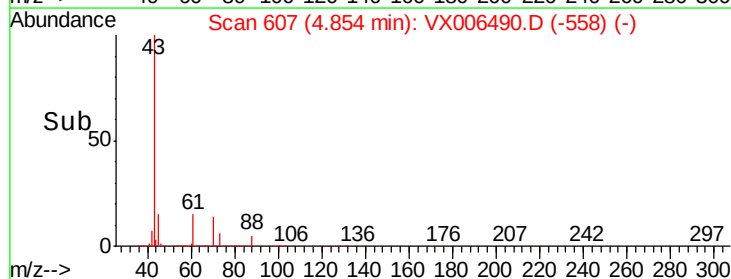
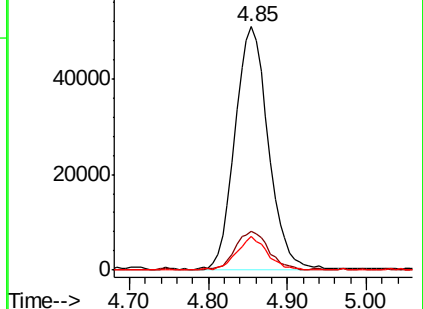
70 12.8 9.0 13.6

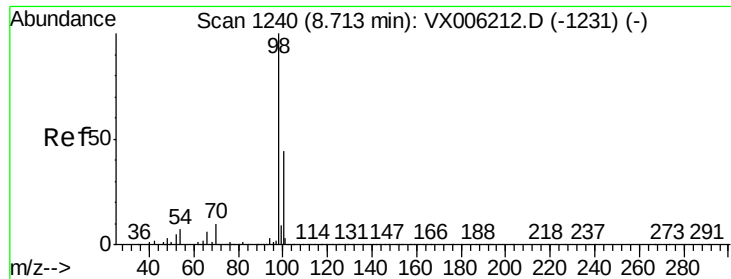


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#50

Toluene-d8

Concen: 63.403 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006490.D

Acq: 13 Dec 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

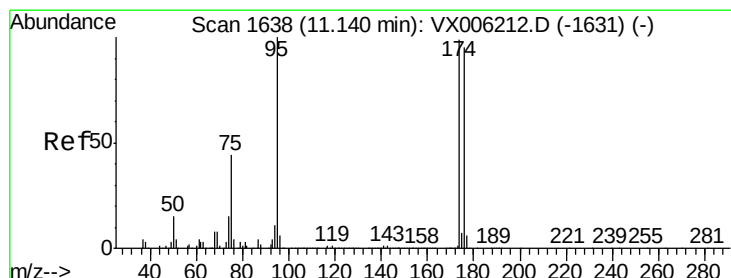
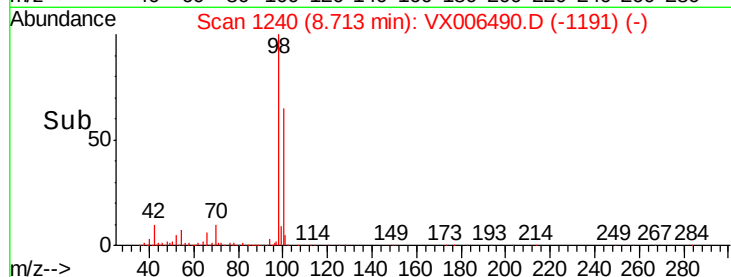
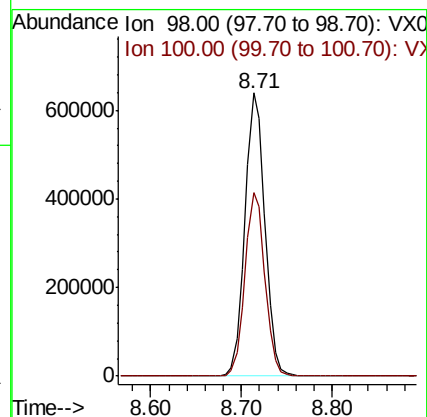
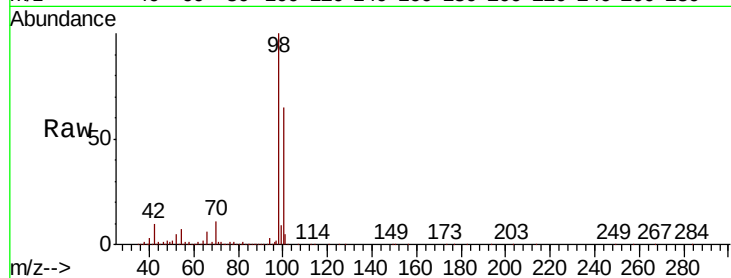
P001-RB-181211

Tot Ion: 98 Resp: 973985

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 60.853 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006490.D

Acq: 13 Dec 2018 12:33

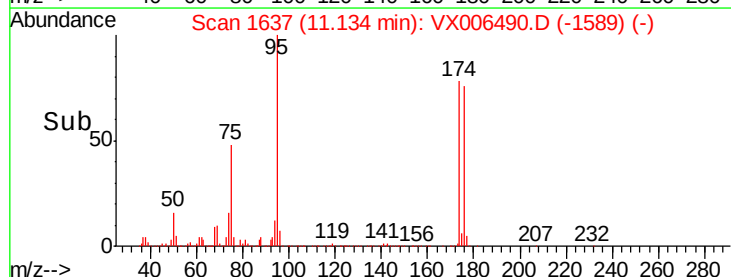
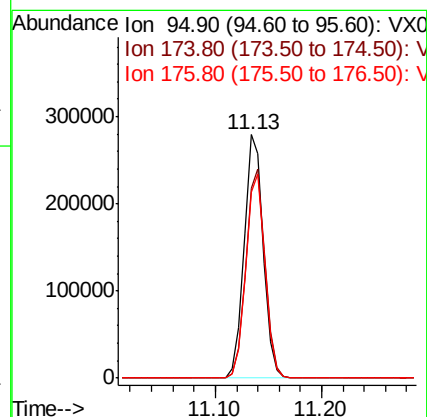
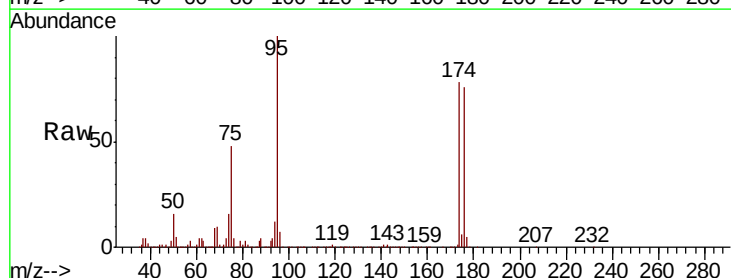
Tgt Ion: 95 Resp: 352262

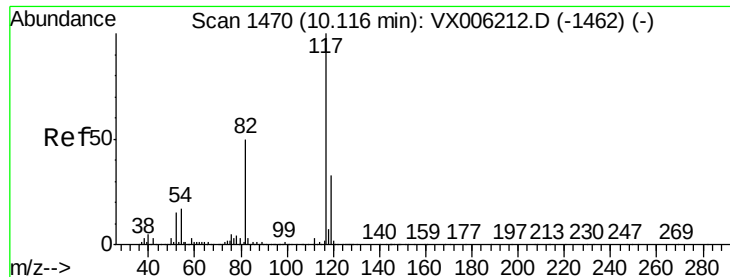
Ion Ratio Lower Upper

95 100

174 86.5 0.0 187.0

176 84.2 0.0 181.8

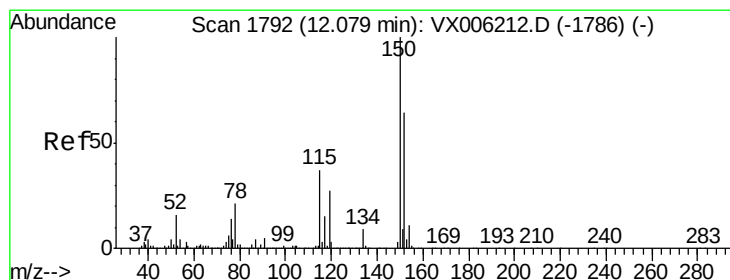
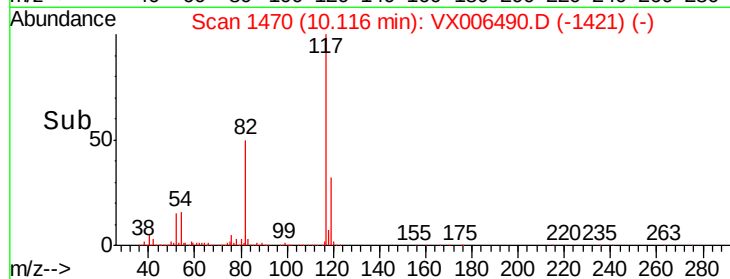
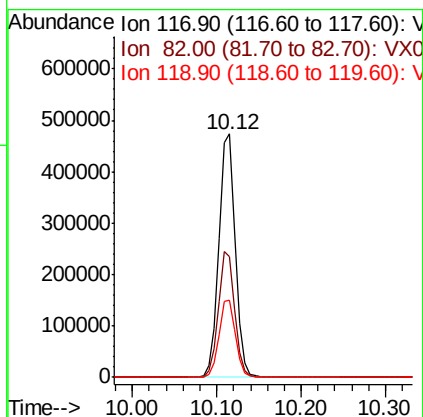
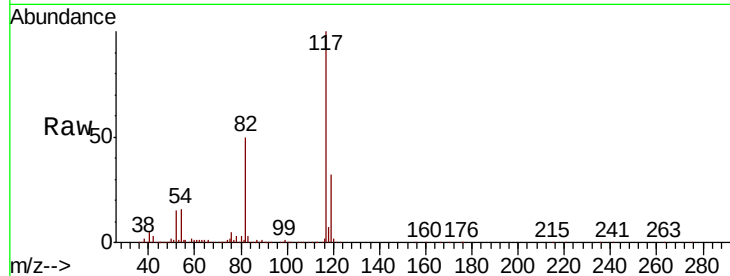




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
P001-RB-181211

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.6	59.4
119	31.9	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006490.D
Acq: 13 Dec 2018 12:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	39.0	116.9
150	157.9	0.0	345.8

