

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006495.D
 Acq On : 13 Dec 2018 15:17
 Operator : JC/MD
 Sample : J6377-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-RB-181211

Quant Time: Dec 14 09:51:37 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

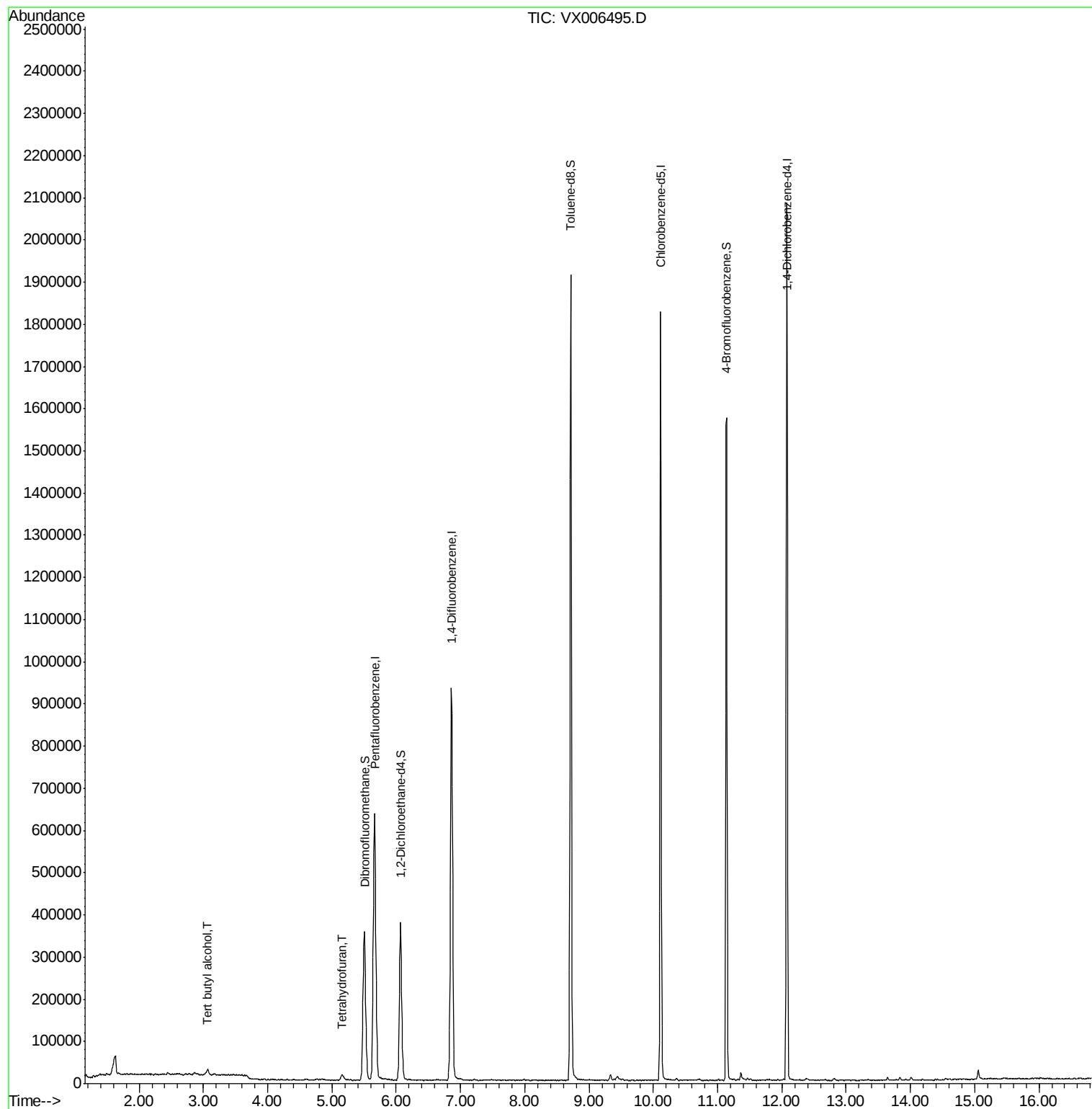
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	639469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1022275	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	920489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	442407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	344461	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
35) Dibromofluoromethane	5.50	113	307919	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
50) Toluene-d8	8.71	98	1195734	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	436457	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	19323	10.824	ug/l #	94
29) Tetrahydrofuran	5.16	42	12814	4.218	ug/l	90

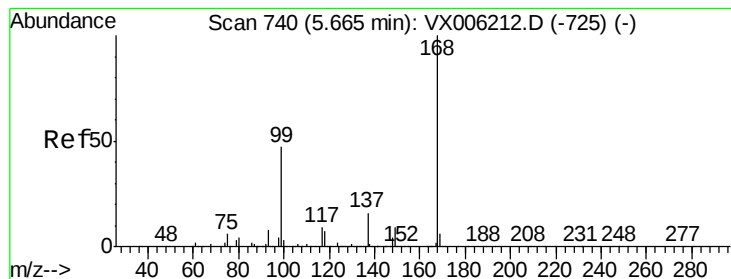
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006495.D

Acq: 13 Dec 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

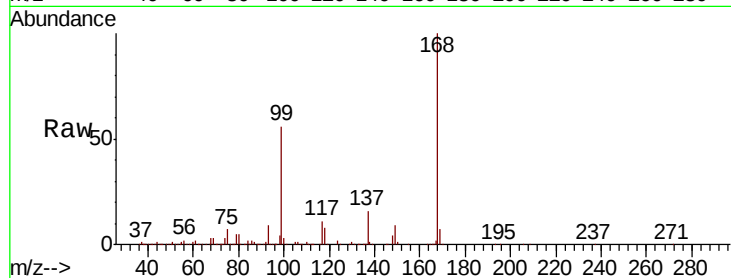
P001-RB-181211

Tot Ion:168 Resp: 639469

Ion Ratio Lower Upper

168 100

99 56.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

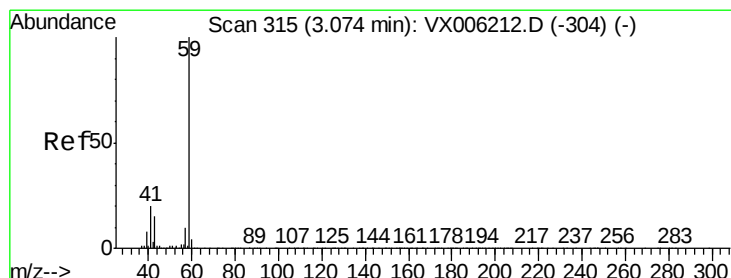
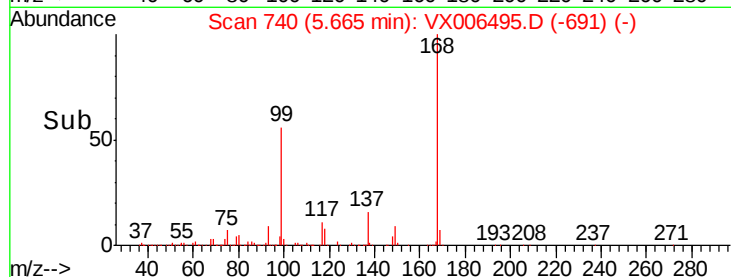
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 10.824 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006495.D

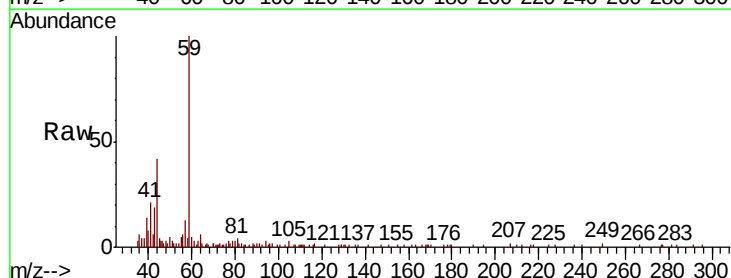
Acq: 13 Dec 2018 15:17

Tgt Ion: 59 Resp: 19323

Ion Ratio Lower Upper

59 100

57 12.4 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

8000

6000

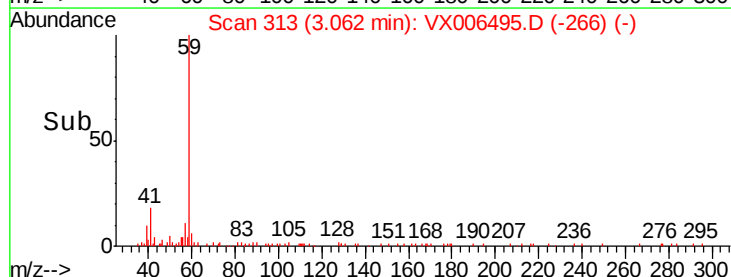
4000

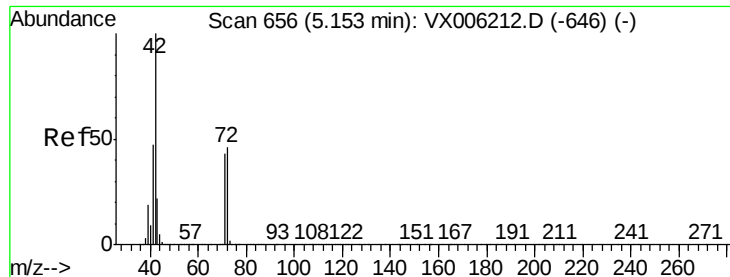
2000

0

Time-->

3.00 3.10

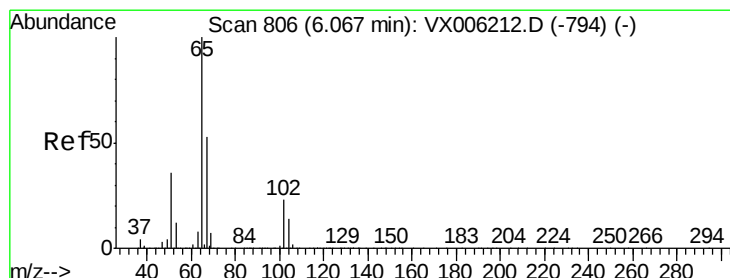
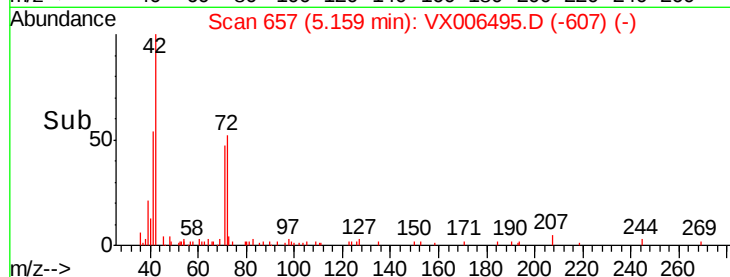
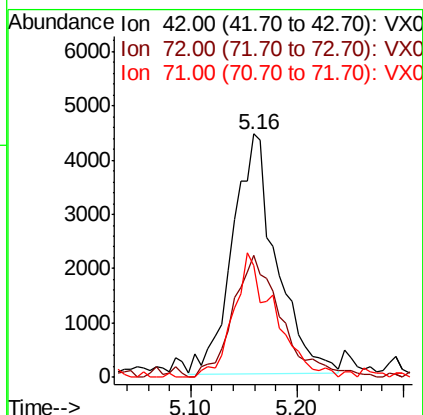
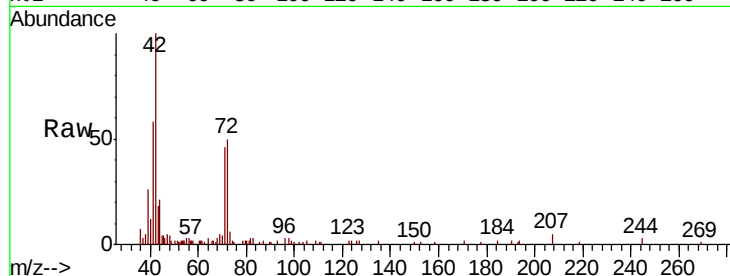




#29
Tetrahydrofuran
Concen: 4.218 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006495.D
Acq: 13 Dec 2018 15:17

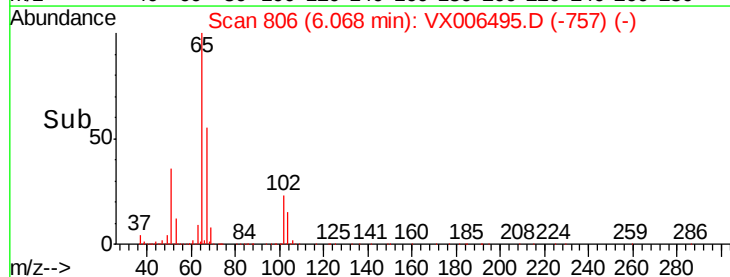
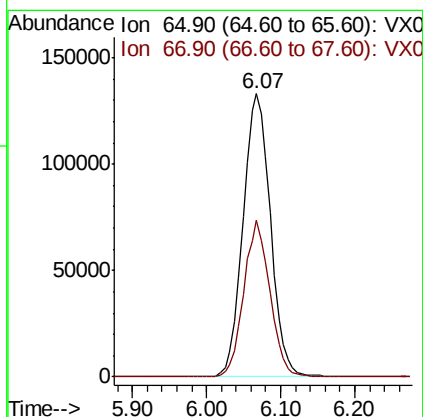
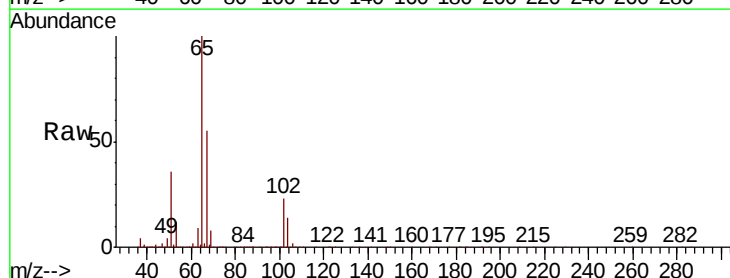
Instrument :
MSVOA_X
ClientSampleId :
P001-RB-181211

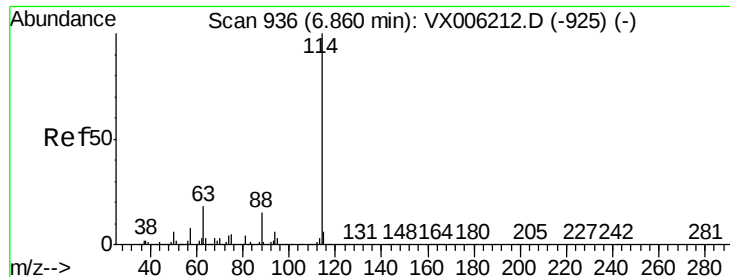
Tot Ion: 42 Resp: 12814
Ion Ratio Lower Upper
42 100
72 56.2 37.8 56.8
71 48.3 35.2 52.8



#33
1,2-Dichloroethane-d4
Concen: 52.767 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006495.D
Acq: 13 Dec 2018 15:17

Tgt Ion: 65 Resp: 344461
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2

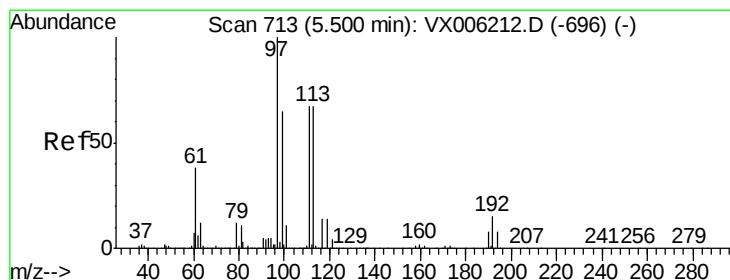
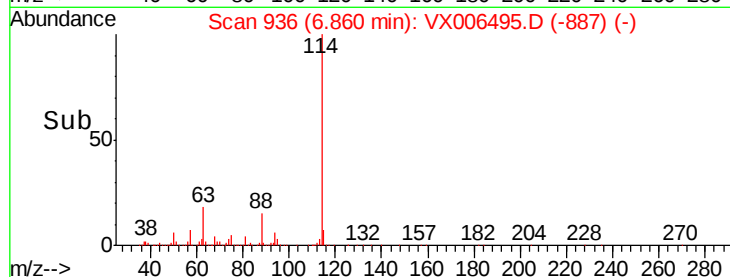
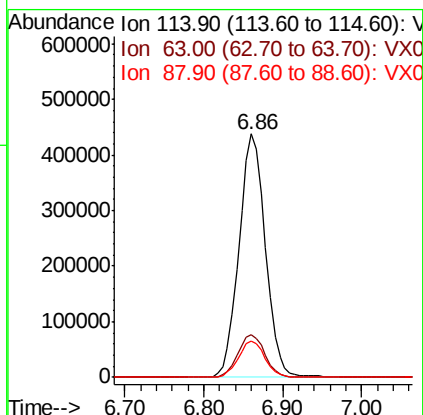
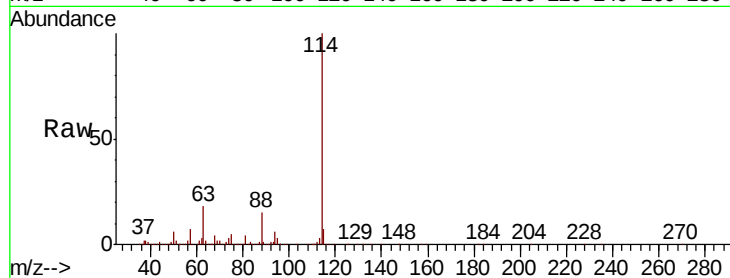




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006495.D
 Acq: 13 Dec 2018 15:17

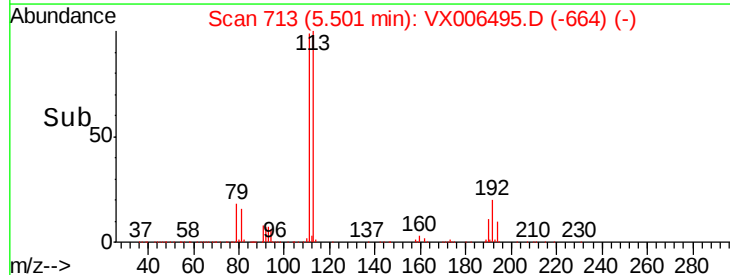
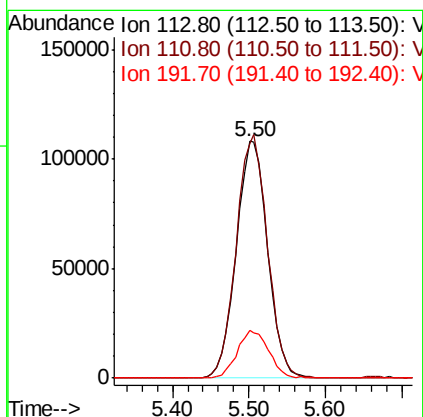
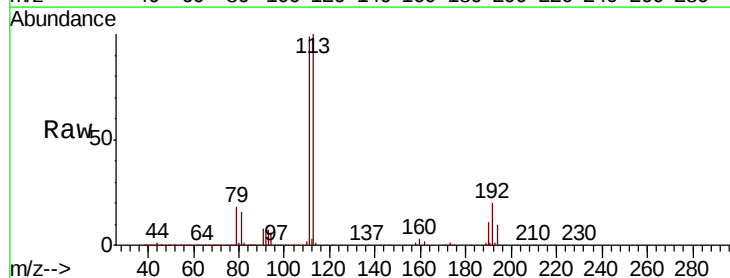
Instrument :
 MSVOA_X
 ClientSampleId :
 P001-RB-181211

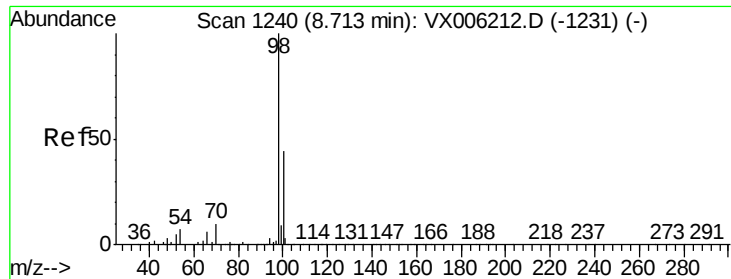
Tot Ion:114 Resp: 1022275
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.6
 88 14.9 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 46.522 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006495.D
 Acq: 13 Dec 2018 15:17

Tgt Ion:113 Resp: 307919
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.1 121.7
 192 20.2 18.2 27.2





#50

Toluene-d8

Concen: 49.666 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006495.D

Acq: 13 Dec 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

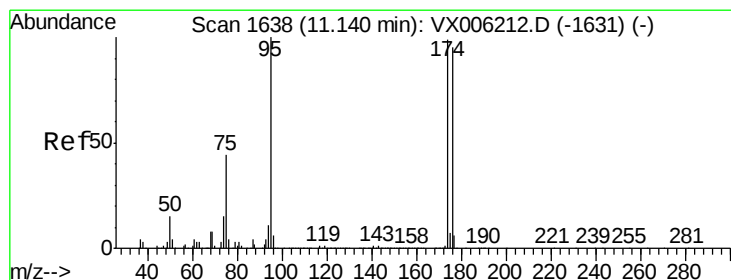
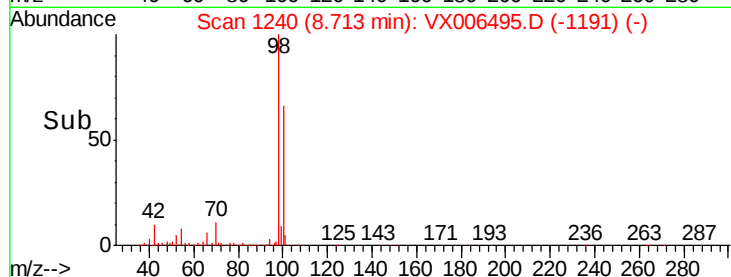
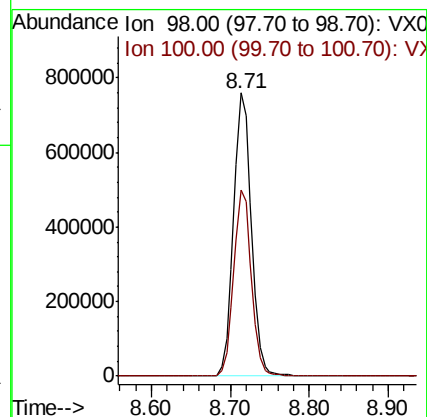
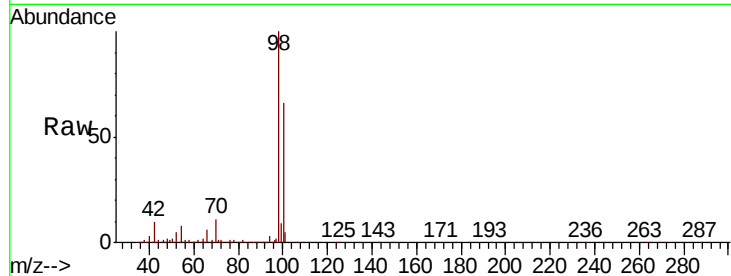
P001-RB-181211

Tot Ion: 98 Resp: 1195734

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.109 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006495.D

Acq: 13 Dec 2018 15:17

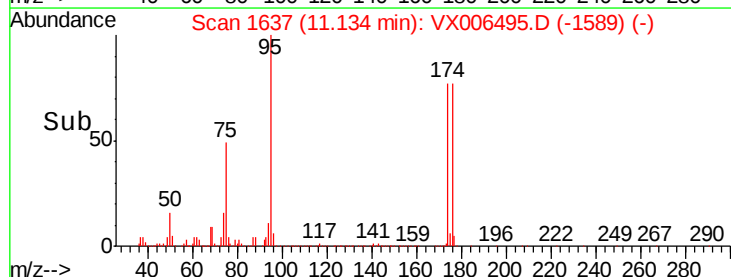
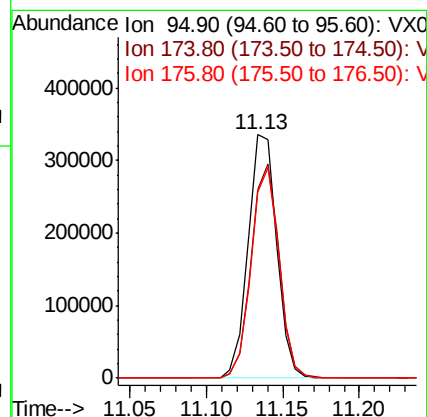
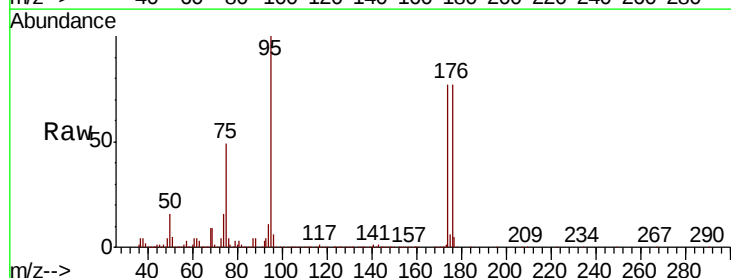
Tgt Ion: 95 Resp: 436457

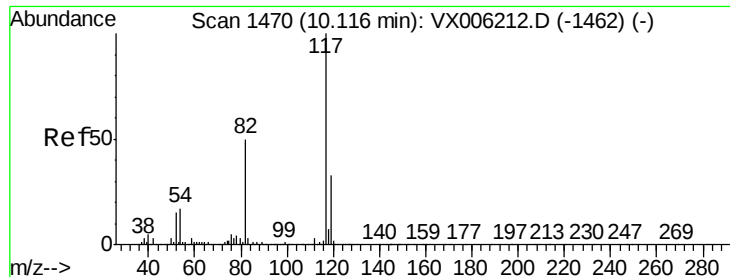
Ion Ratio Lower Upper

95 100

174 86.0 0.0 187.0

176 84.1 0.0 181.8

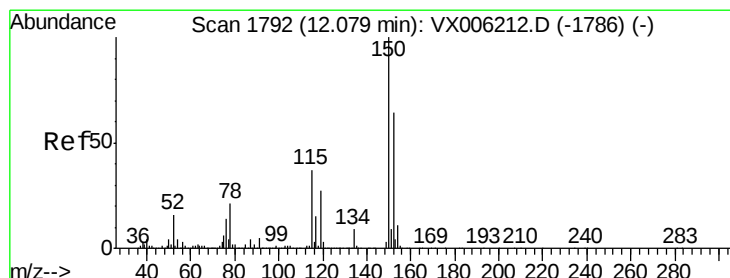
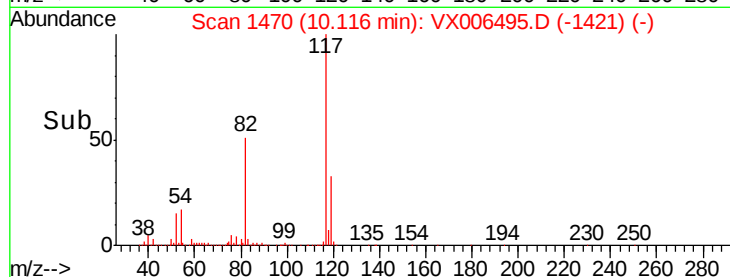
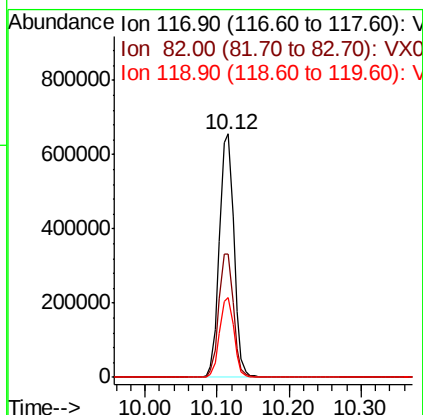
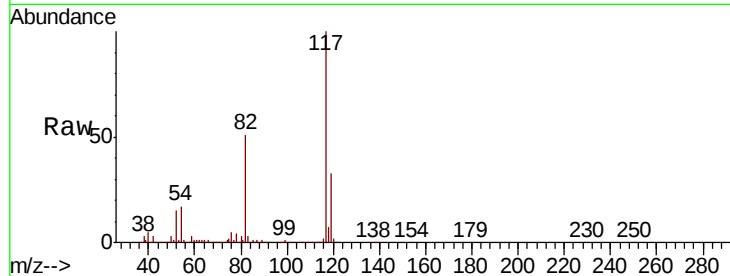




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006495.D
Acq: 13 Dec 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
P001-RB-181211

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	39.6	59.4
119	32.9	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: VX006495.D
Acq: 13 Dec 2018 15:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.0	116.9
150	156.3	0.0	345.8

