

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006537.D
 Acq On : 15 Dec 2018 01:41
 Operator : JC/MD
 Sample : VX1214WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBL02

Quant Time: Dec 15 05:44:12 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	5.66	168	692652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1079256	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	990455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	482977	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	363851	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	5.50	113	323419	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	8.71	98	1275663	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.13	95	472890	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

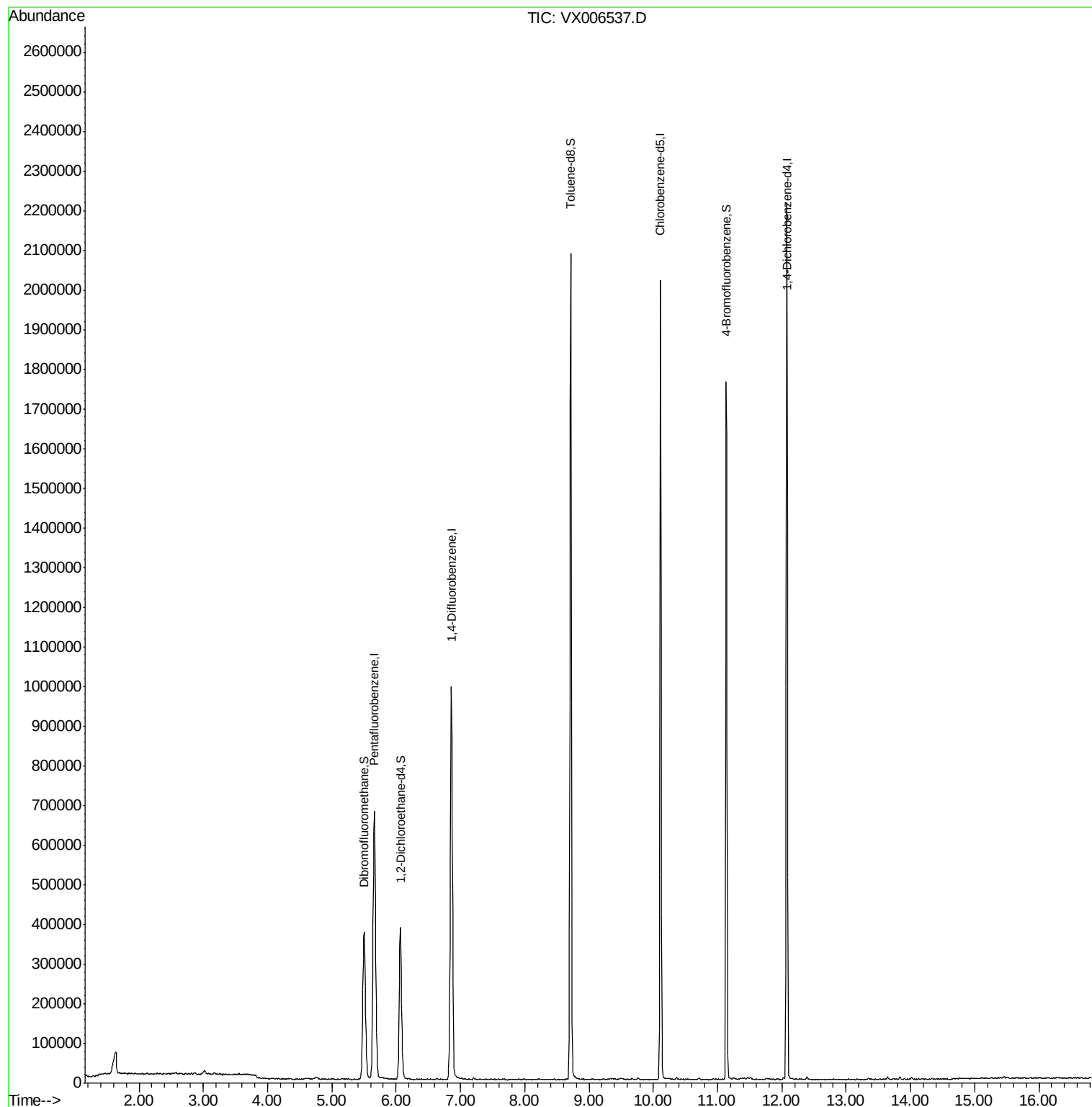
Target Compounds	Qvalue
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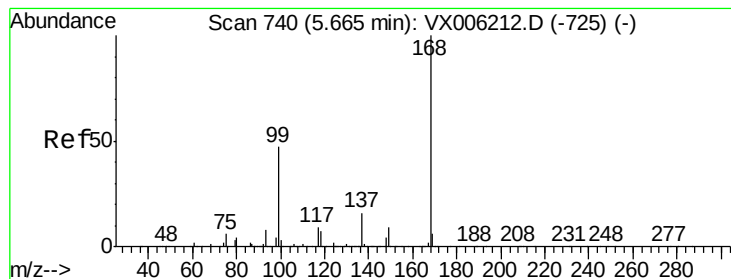
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006537.D

Acq: 15 Dec 2018 01:41

Instrument :

MSVOA_X

ClientSampleId :

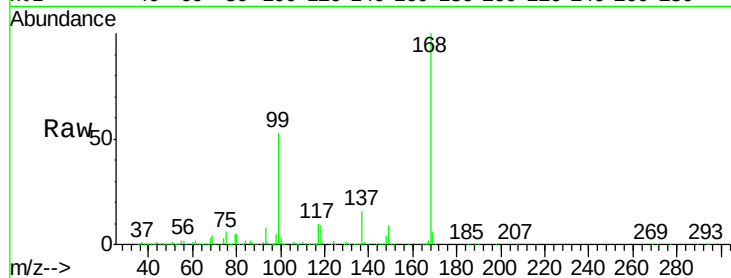
VX1214WBL02

Tgt Ion:168 Resp: 692652

Ion Ratio Lower Upper

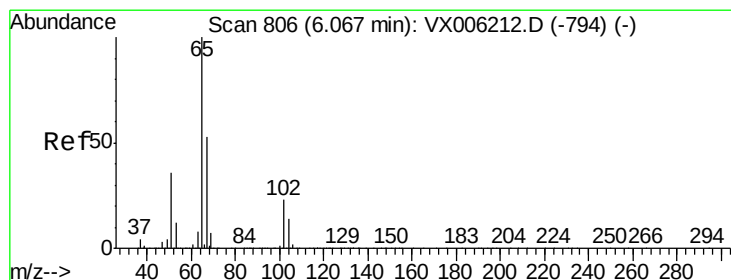
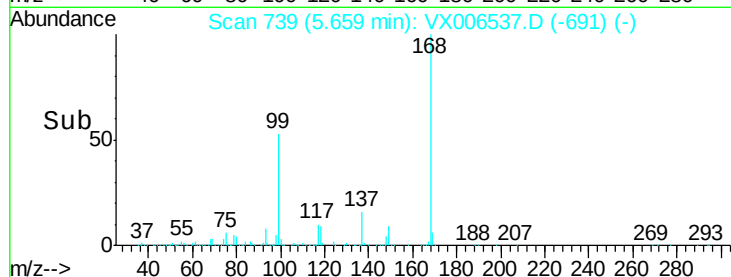
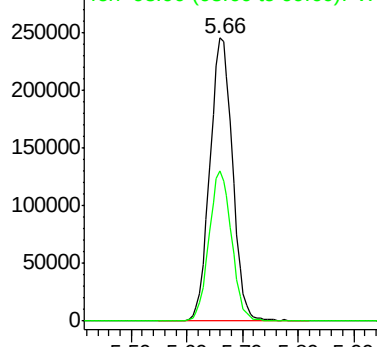
168 100

99 53.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.458 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006537.D

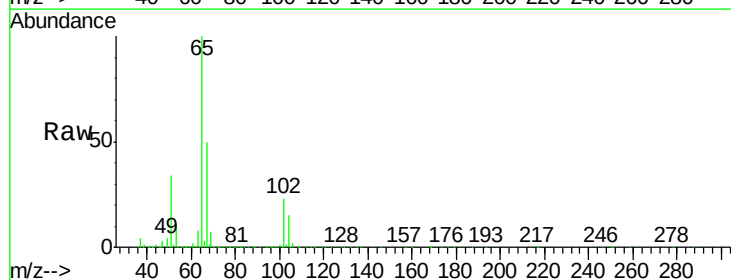
Acq: 15 Dec 2018 01:41

Tgt Ion: 65 Resp: 363851

Ion Ratio Lower Upper

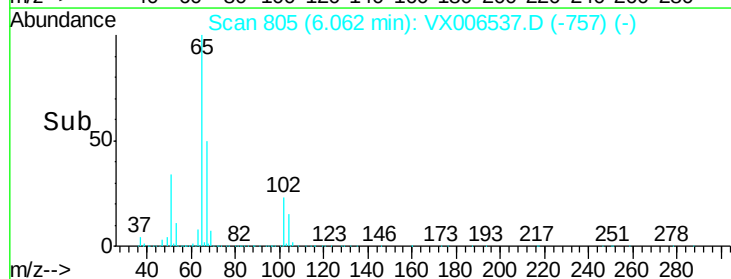
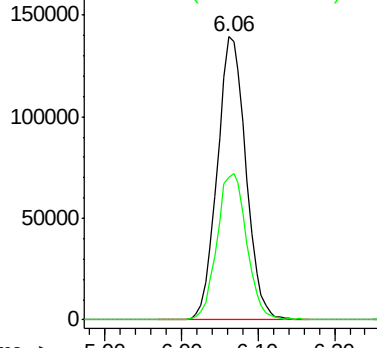
65 100

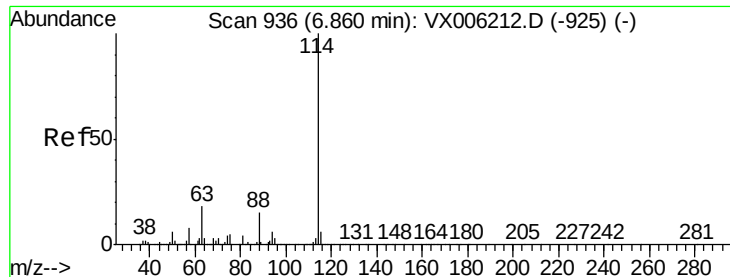
67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006537.D

Acq: 15 Dec 2018 01:41

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBL02

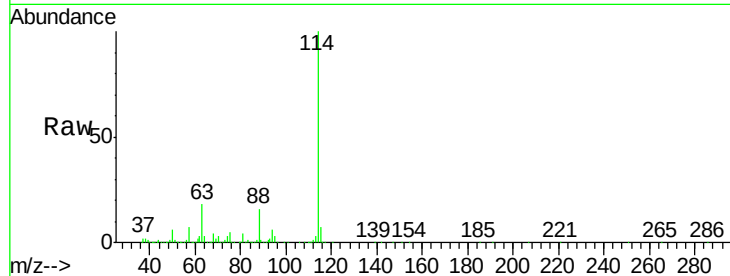
Tgt Ion:114 Resp: 1079256

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

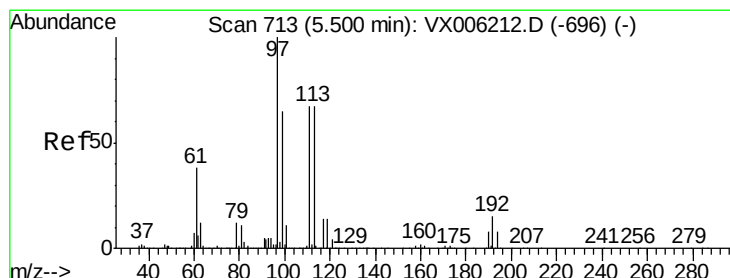
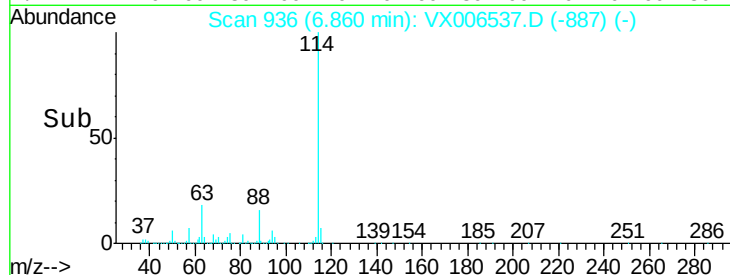
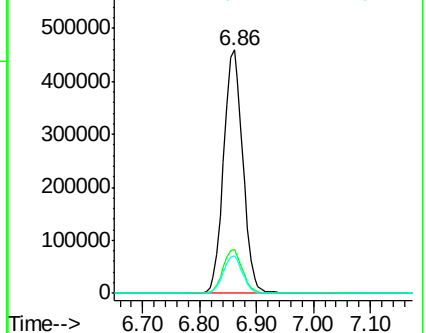
88 15.7 0.0 29.0



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



#35

Dibromofluoromethane

Concen: 46.284 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006537.D

Acq: 15 Dec 2018 01:41

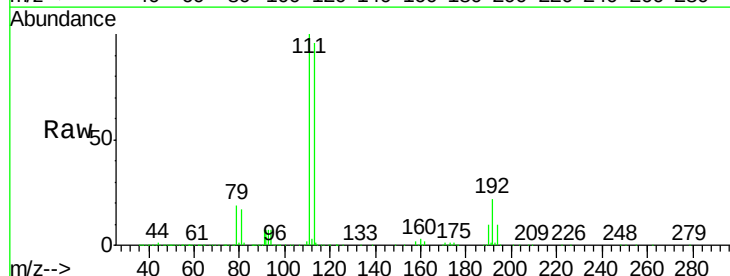
Tgt Ion:113 Resp: 323419

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

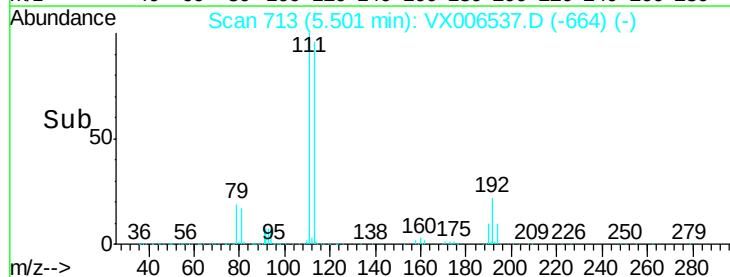
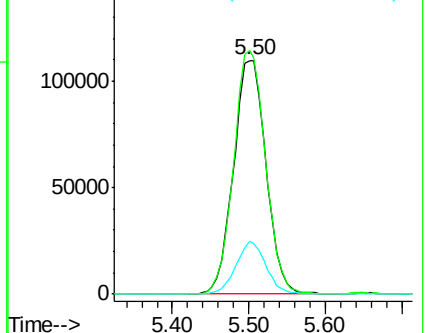
192 20.6 18.2 27.2

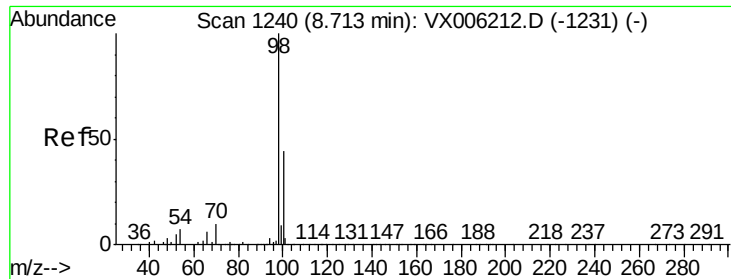


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.189 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006537.D

Acq: 15 Dec 2018 01:41

Instrument :

MSVOA_X

ClientSampleId :

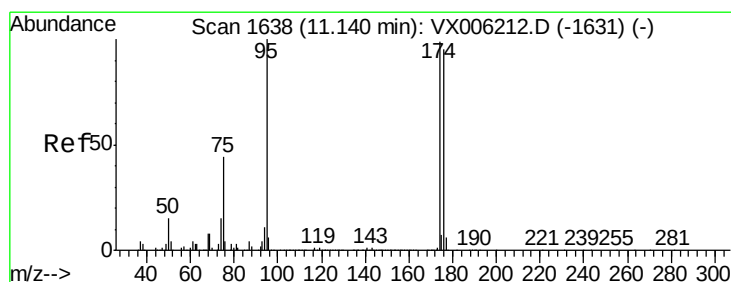
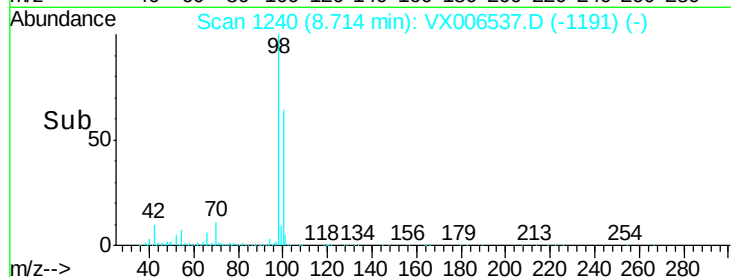
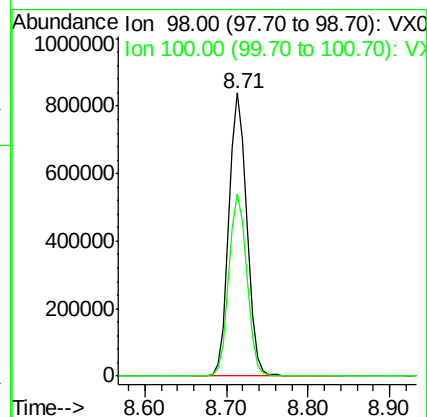
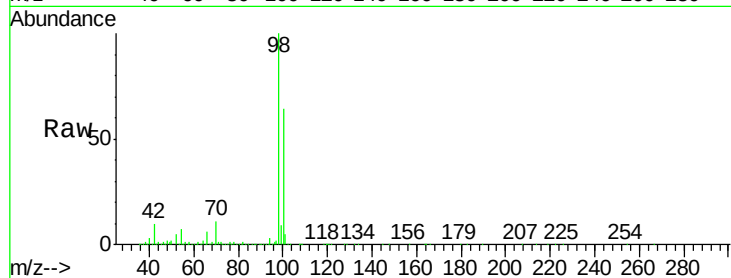
VX1214WBL02

Tgt Ion: 98 Resp: 1275663

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.372 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006537.D

Acq: 15 Dec 2018 01:41

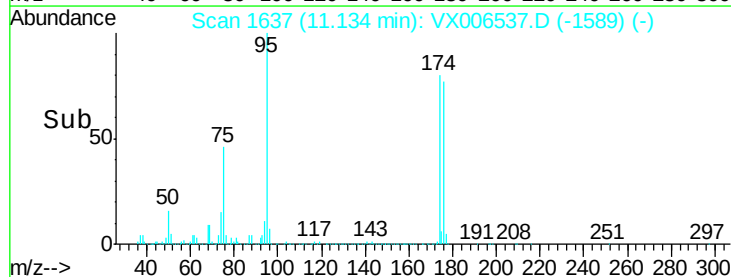
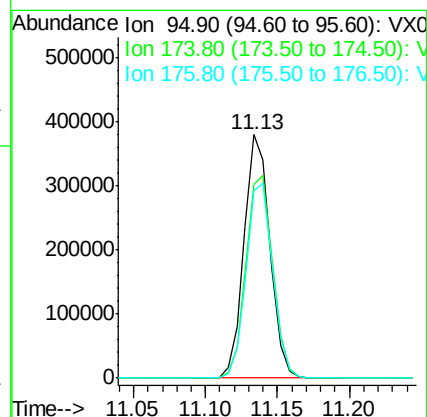
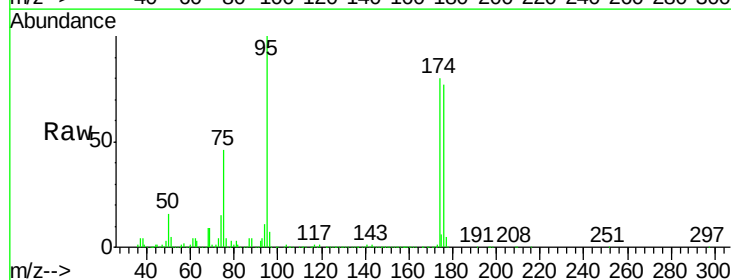
Tgt Ion: 95 Resp: 472890

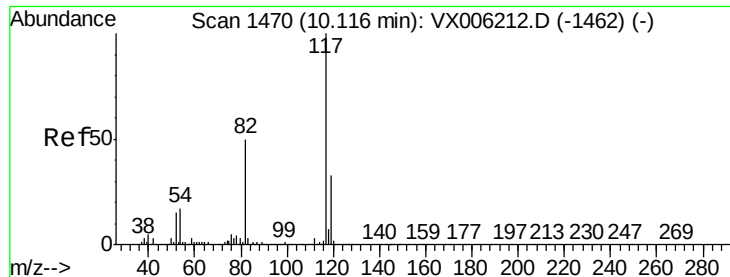
Ion Ratio Lower Upper

95 100

174 86.2 0.0 187.0

176 82.2 0.0 181.8

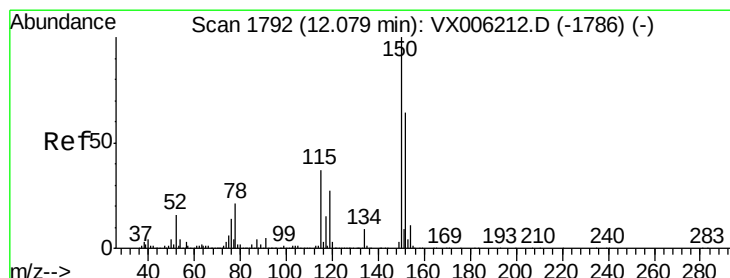
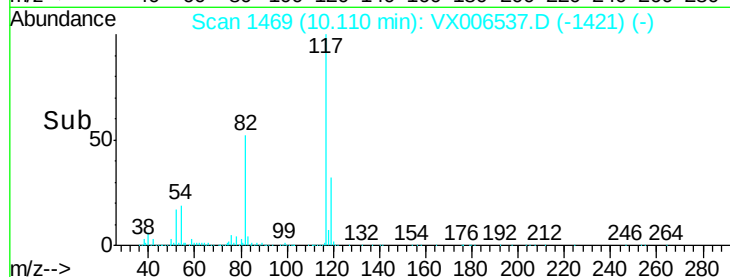
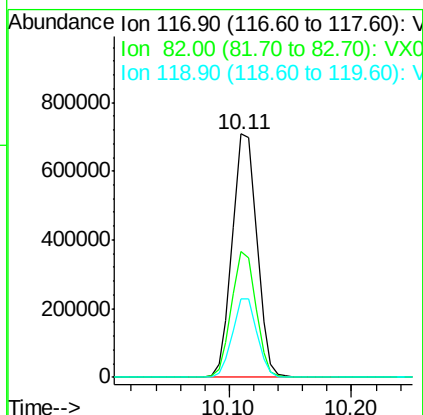
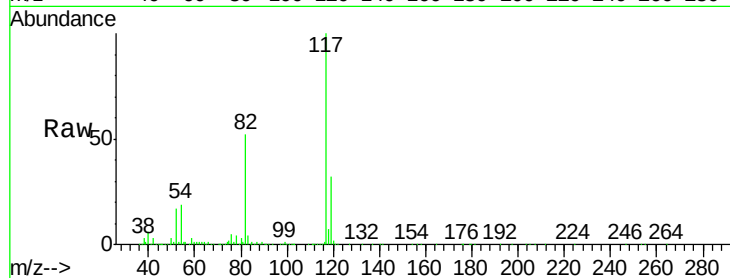




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006537.D
Acq: 15 Dec 2018 01:41

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.9	39.6	59.4
119	32.2	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: VX006537.D
Acq: 15 Dec 2018 01:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	39.0	116.9
150	156.6	0.0	345.8

