

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120318\
 Data File : VX006243.D
 Acq On : 03 Dec 2018 10:44
 Operator : JC/MD
 Sample : VX1203WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBL01

Quant Time: Dec 04 05:08:13 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	1044723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1522762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1356589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	665165	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	490805	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.50	113	482389	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	1765360	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.13	95	642442	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

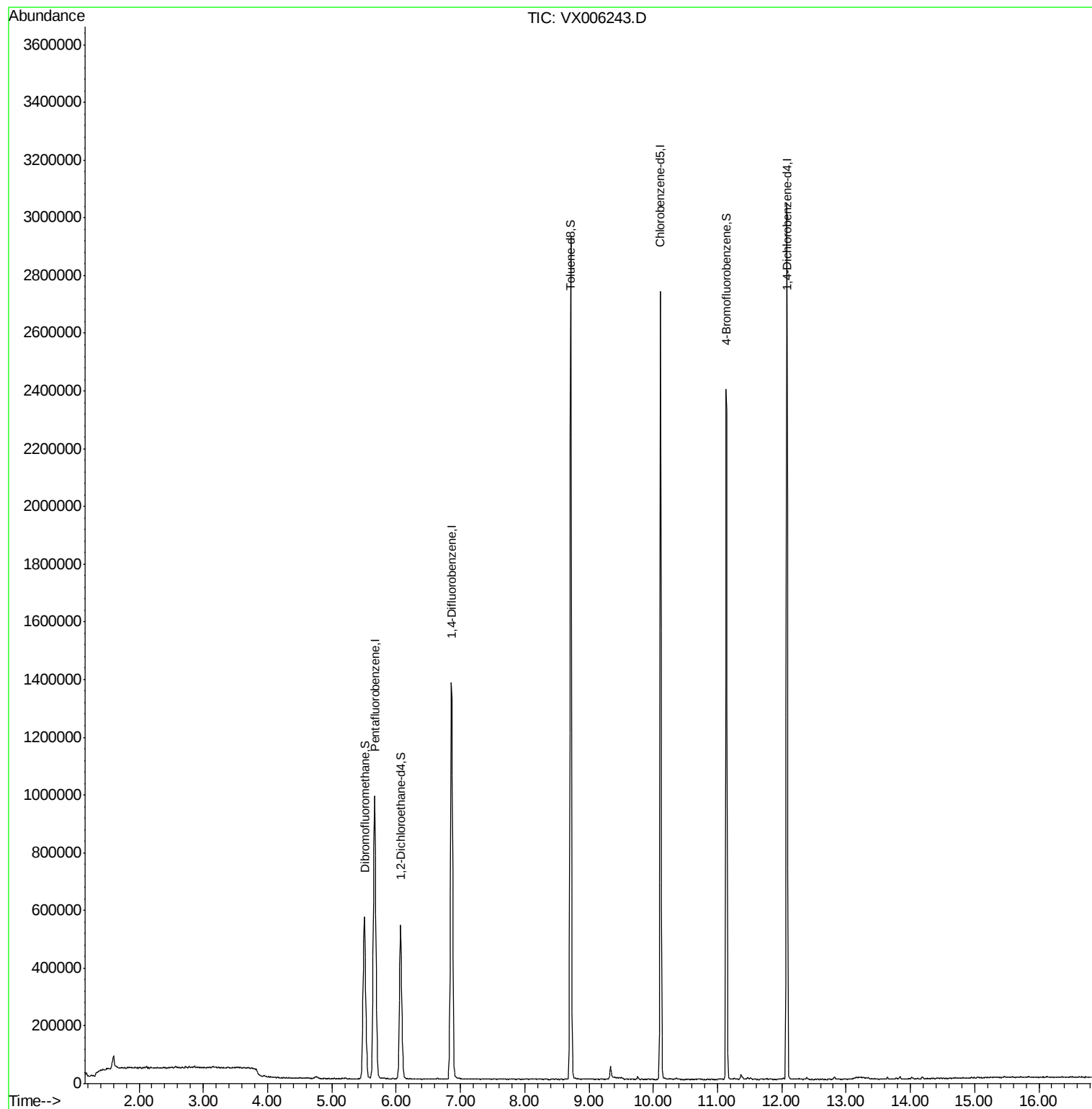
Target Compounds	Qvalue

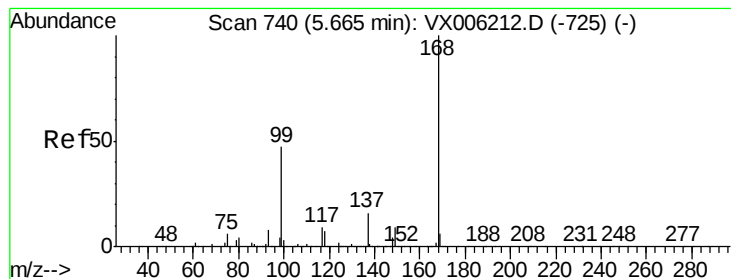
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006243.D

Acq: 03 Dec 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

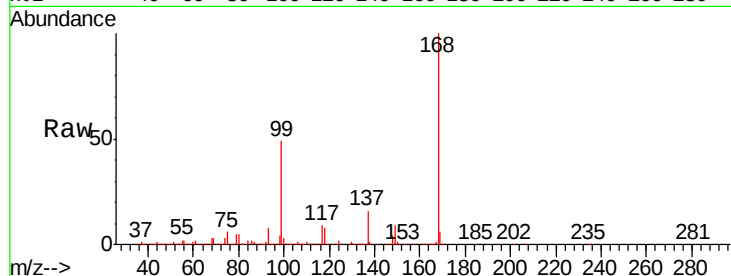
VX1203WBL01

Tgt Ion:168 Resp: 1044723

Ion Ratio Lower Upper

168 100

99 49.1 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

400000

300000

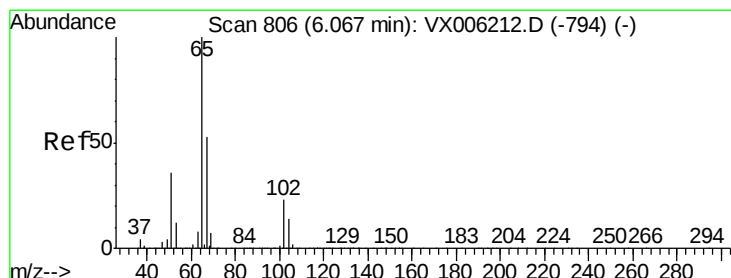
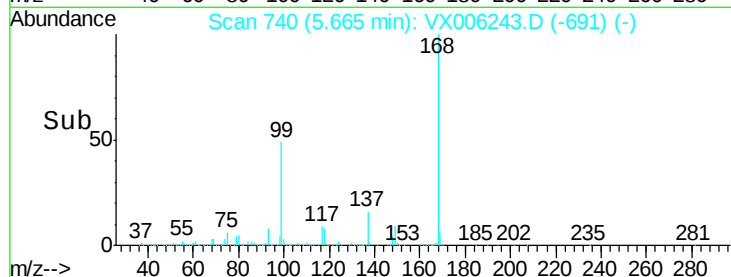
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.020 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006243.D

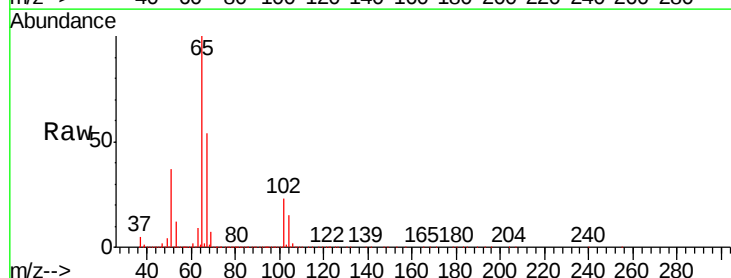
Acq: 03 Dec 2018 10:44

Tgt Ion: 65 Resp: 490805

Ion Ratio Lower Upper

65 100

67 53.0 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

200000

150000

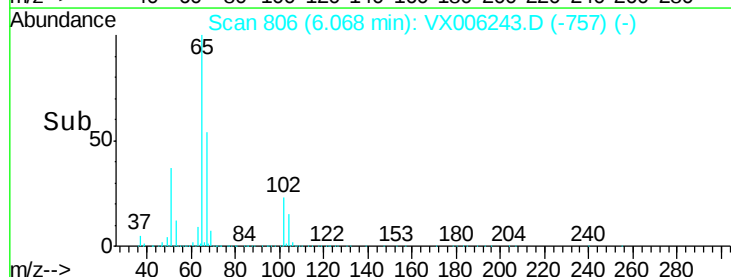
100000

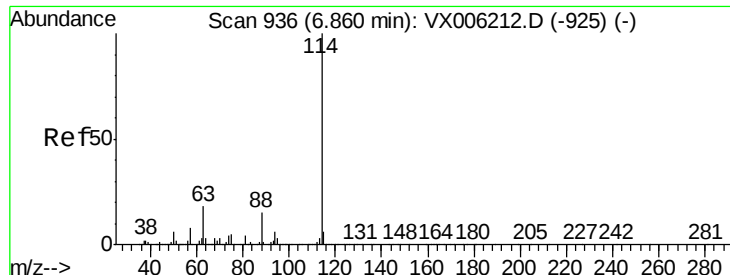
50000

0

Time-->

6.00 6.10 6.20

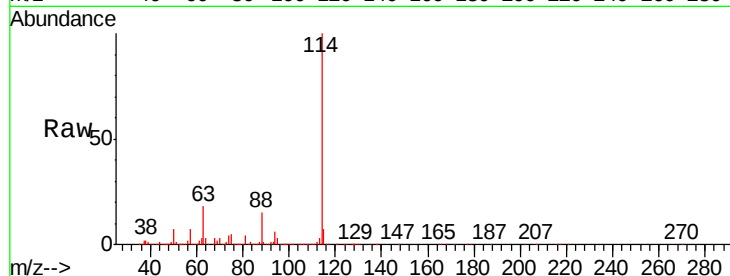




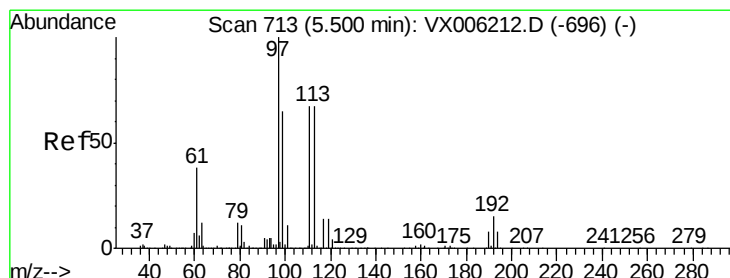
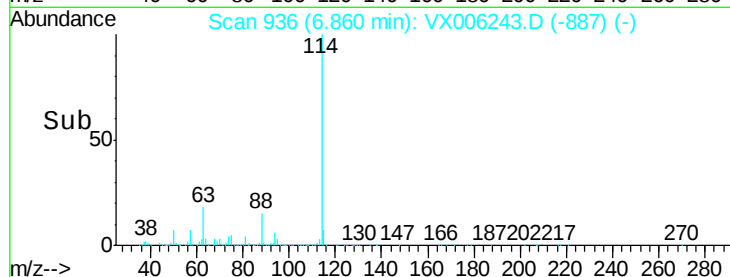
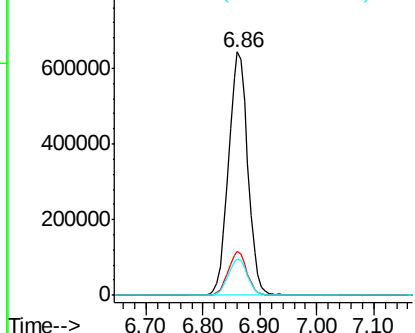
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006243.D
Acq: 03 Dec 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBL01

Tgt Ion:114 Resp: 1522762
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.6
88 14.7 0.0 29.0

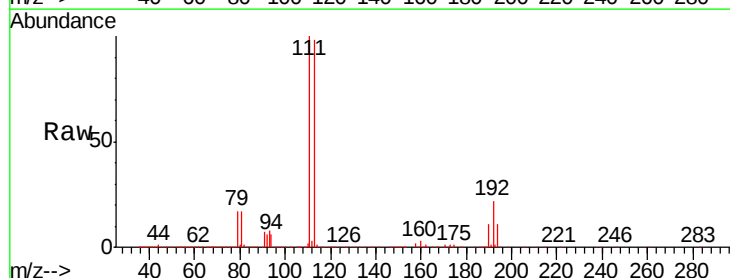


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

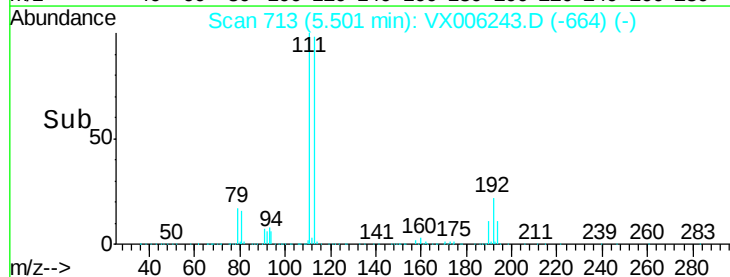
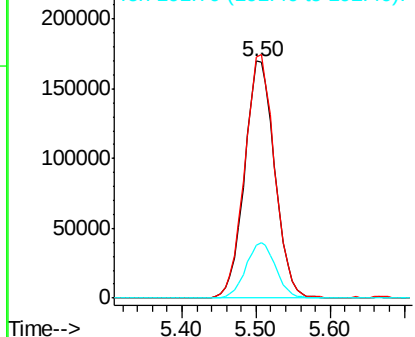


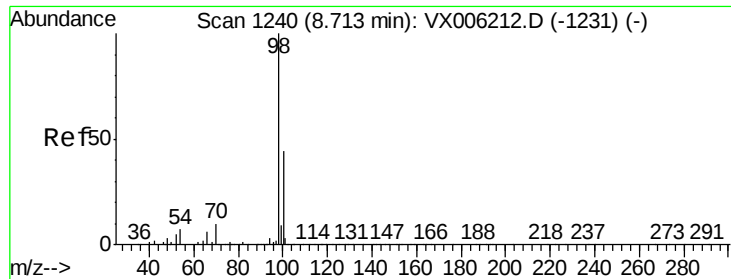
#35
Dibromofluoromethane
Concen: 48.927 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006243.D
Acq: 03 Dec 2018 10:44

Tgt Ion:113 Resp: 482389
Ion Ratio Lower Upper
113 100
111 101.7 81.1 121.7
192 23.0 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: 49.226 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

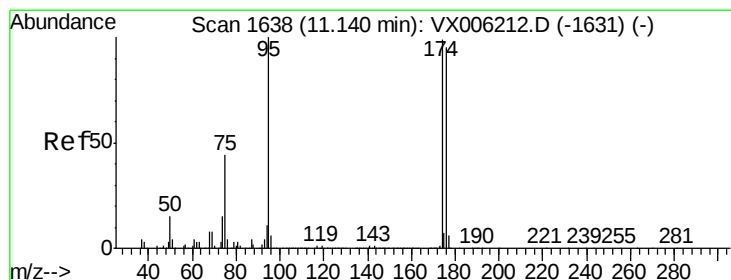
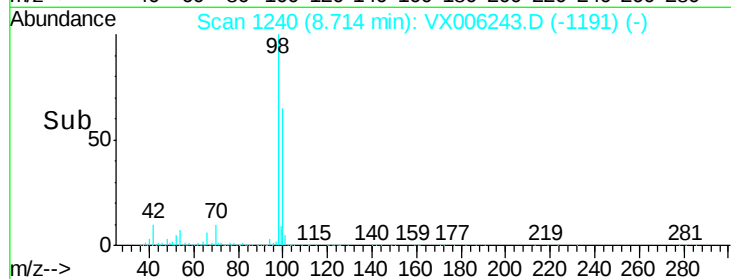
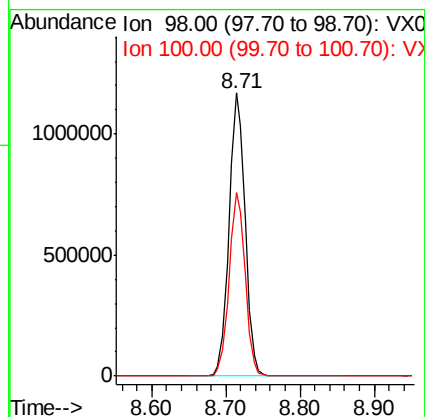
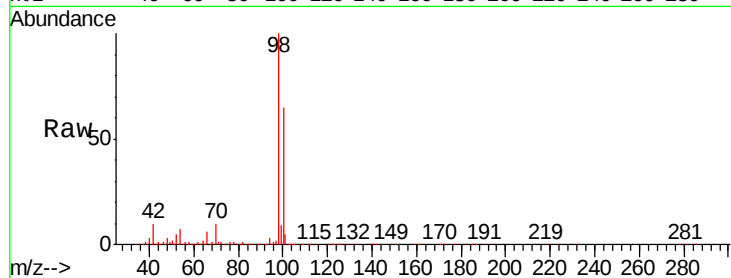
VX1203WBL01

Tgt Ion: 98 Resp: 1765360

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.539 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006243.D

Acq: 03 Dec 2018 10:44

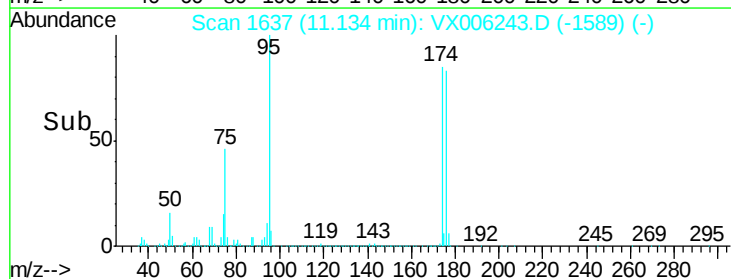
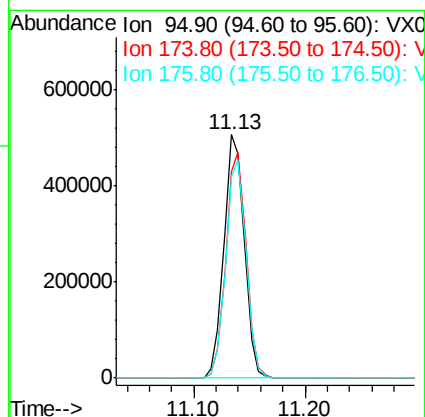
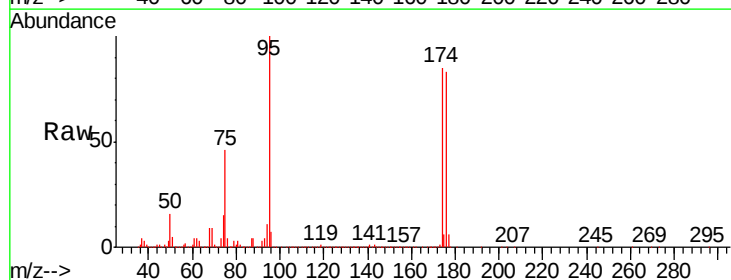
Tgt Ion: 95 Resp: 642442

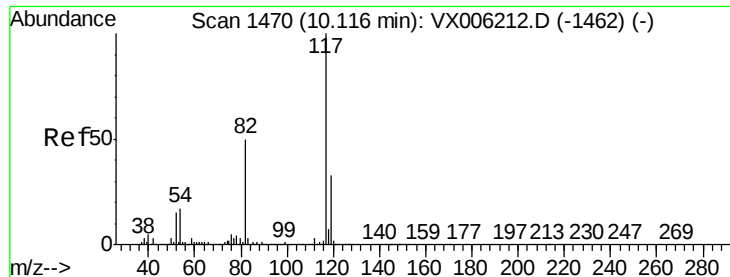
Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.0

176 89.8 0.0 181.8

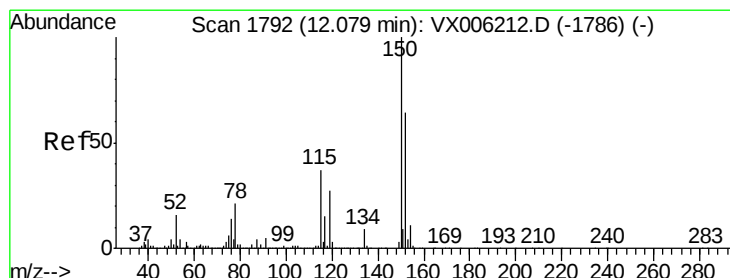
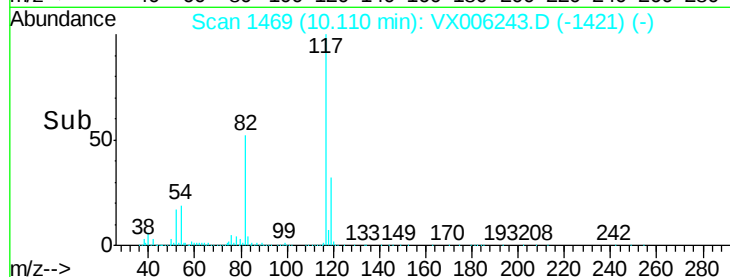
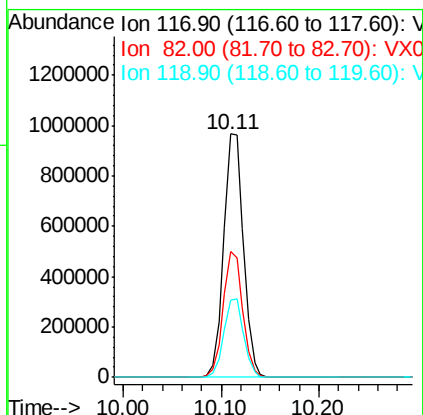
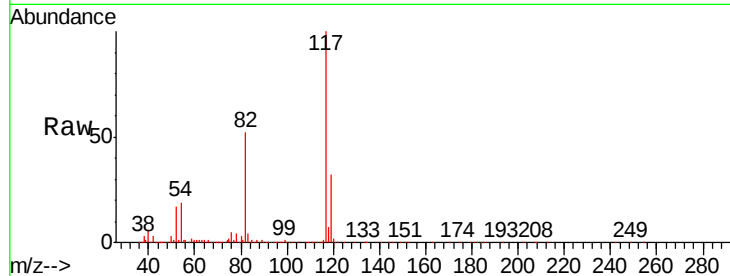




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006243.D
Acq: 03 Dec 2018 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBL01

Tgt Ion:117 Resp: 1356589
Ion Ratio Lower Upper
117 100
82 51.6 39.6 59.4
119 31.8 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: VX006243.D
Acq: 03 Dec 2018 10:44

Tgt Ion:152 Resp: 665165
Ion Ratio Lower Upper
152 100
115 55.4 39.0 116.9
150 155.5 0.0 345.8

