

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006542.D
 Acq On : 15 Dec 2018 04:20
 Operator : JC/MD
 Sample : J6398-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01_121118

Quant Time: Dec 17 12:18:09 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	658695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1049440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	974261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	457611	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	357926	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
35) Dibromofluoromethane	5.51	113	318560	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	8.71	98	1248358	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.13	95	454274	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	

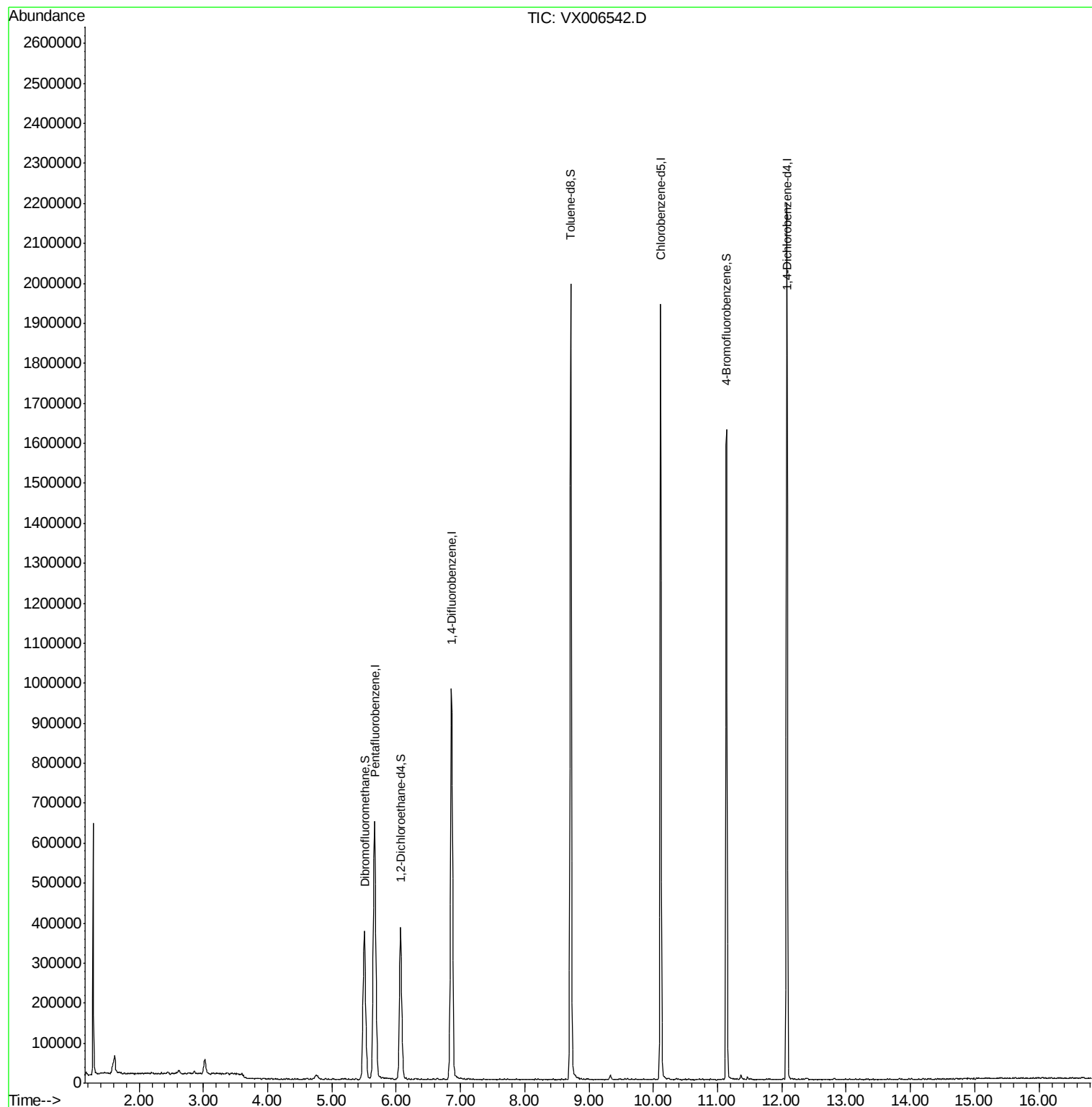
Target Compounds	Qvalue

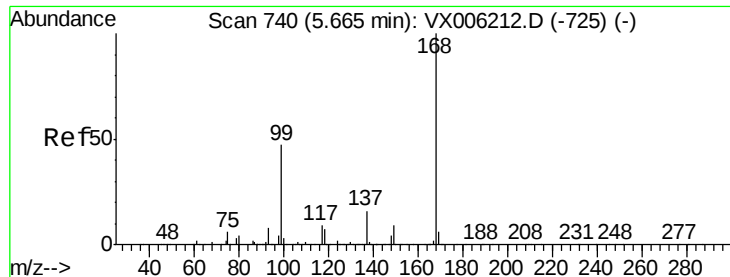
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006542.D

Acq: 15 Dec 2018 04:20

Instrument :

MSVOA_X

ClientSampled :

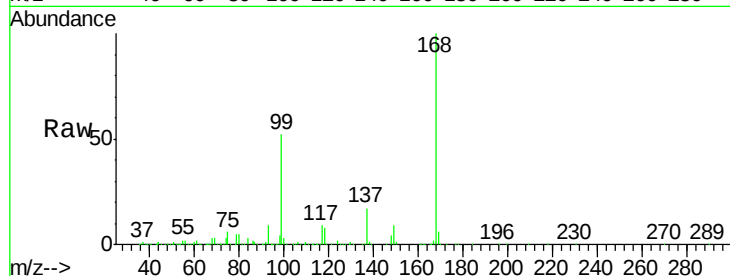
FB-01 121118

Tgt Ion:168 Resp: 658695

Ion Ratio Lower Upper

168 100

99 52.2 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

250000

200000

150000

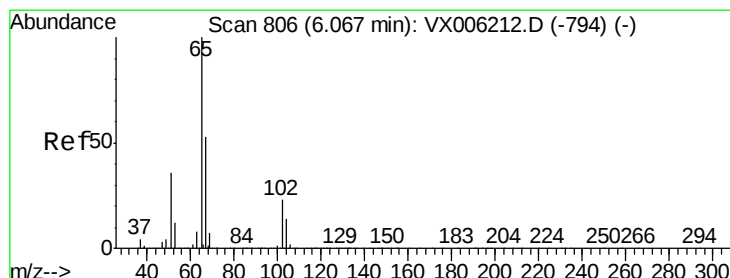
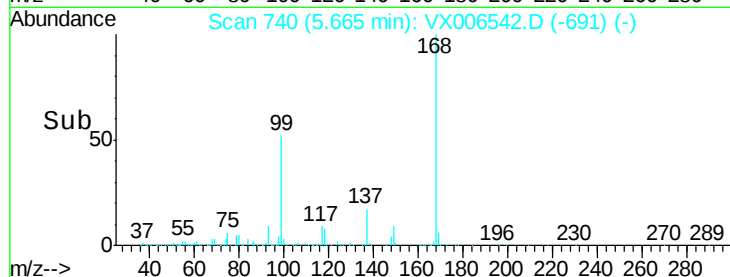
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.229 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006542.D

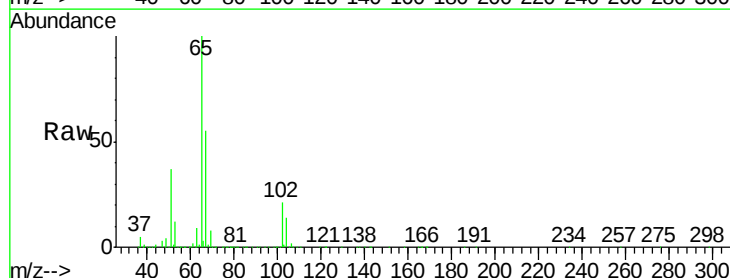
Acq: 15 Dec 2018 04:20

Tgt Ion: 65 Resp: 357926

Ion Ratio Lower Upper

65 100

67 52.9 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

150000

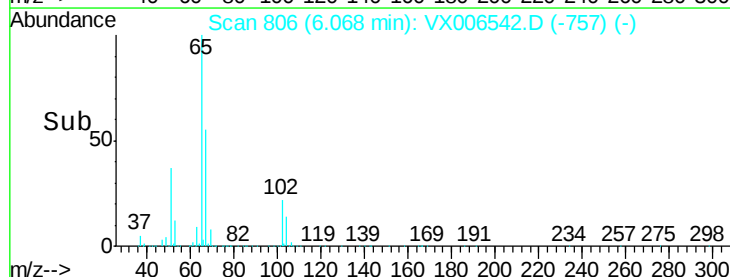
100000

50000

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: VX006542.D

Acq: 15 Dec 2018 04:20

Instrument :

MSVOA_X

ClientSampleId :

FB-01_121118

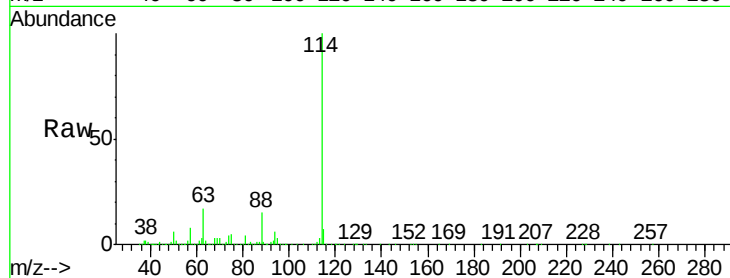
Tgt Ion:114 Resp: 1049440

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

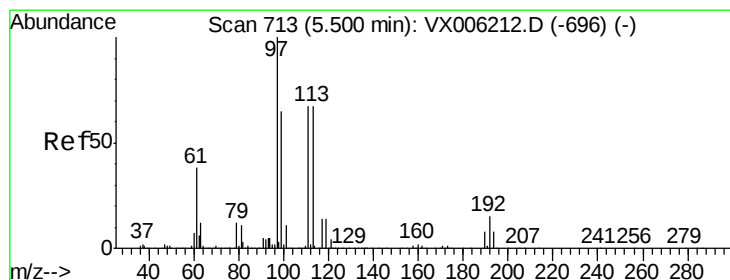
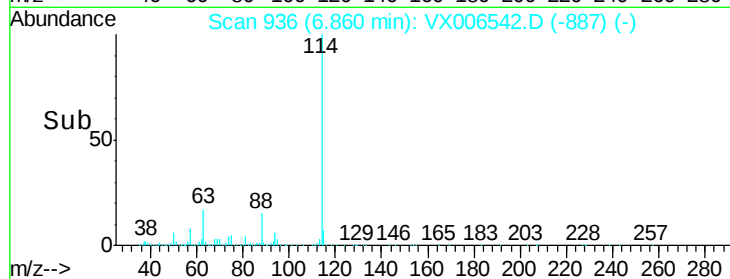
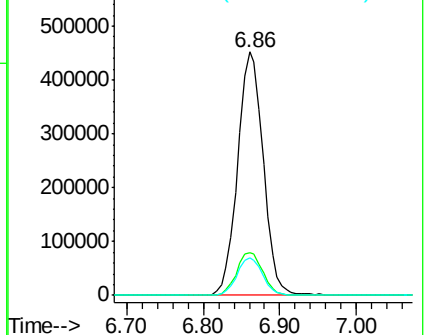
88 15.4 0.0 29.0



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: 46.883 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006542.D

Acq: 15 Dec 2018 04:20

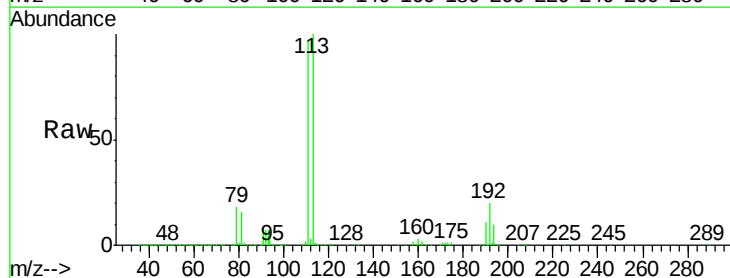
Tgt Ion:113 Resp: 318560

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

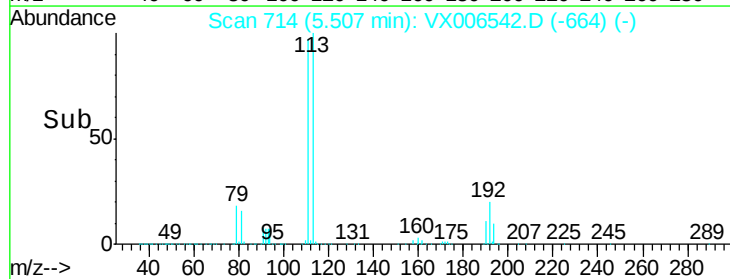
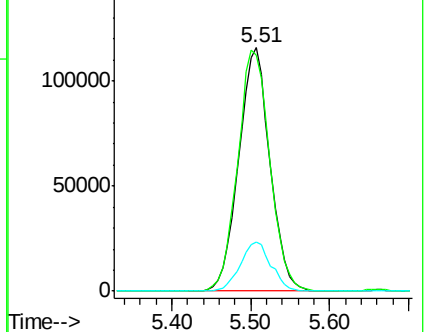
192 20.0 18.2 27.2



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: 50.510 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006542.D

Acq: 15 Dec 2018 04:20

Instrument :

MSVOA_X

ClientSampleId :

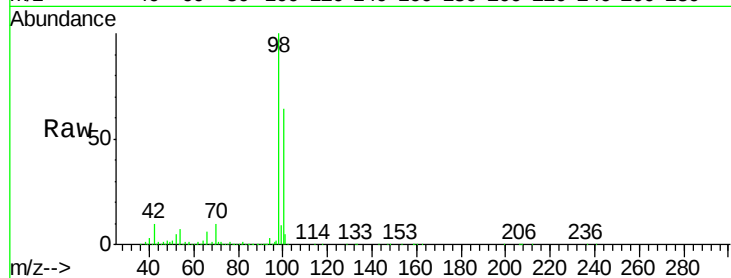
FB-01_121118

Tgt Ion: 98 Resp: 1248358

Ion Ratio Lower Upper

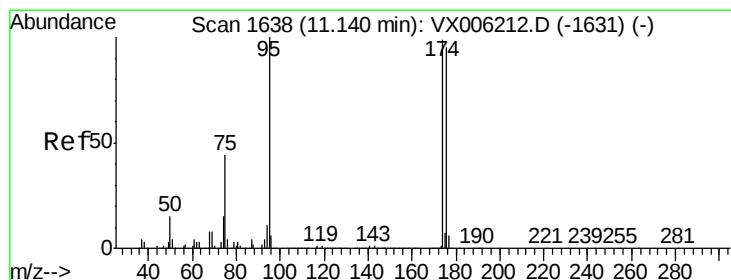
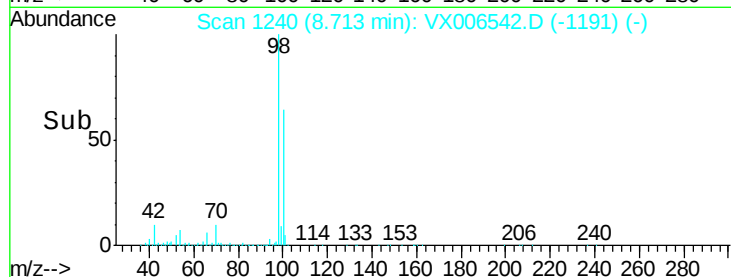
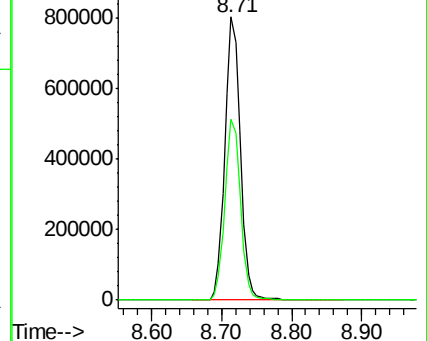
98 100

100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.776 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006542.D

Acq: 15 Dec 2018 04:20

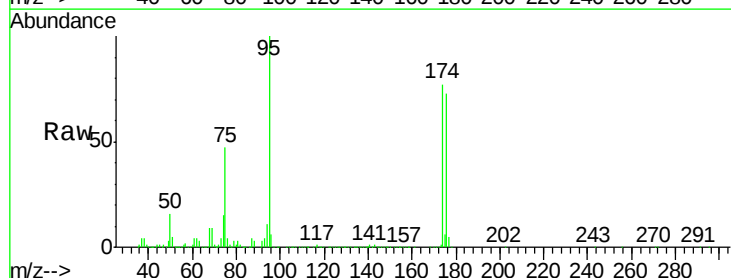
Tgt Ion: 95 Resp: 454274

Ion Ratio Lower Upper

95 100

174 86.0 0.0 187.0

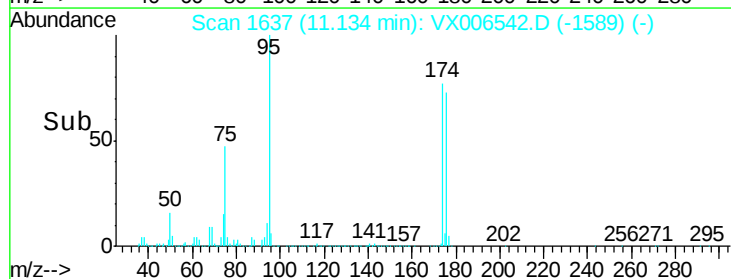
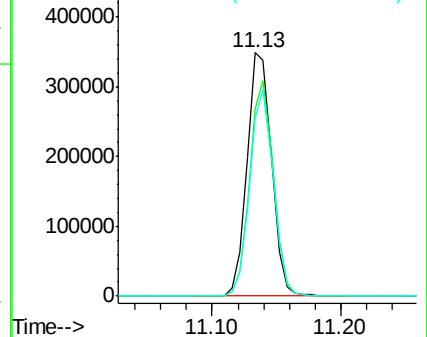
176 81.9 0.0 181.8



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

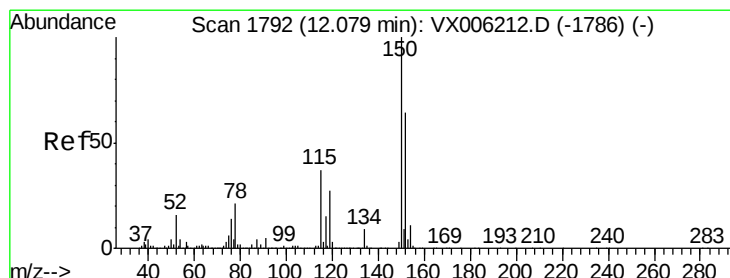
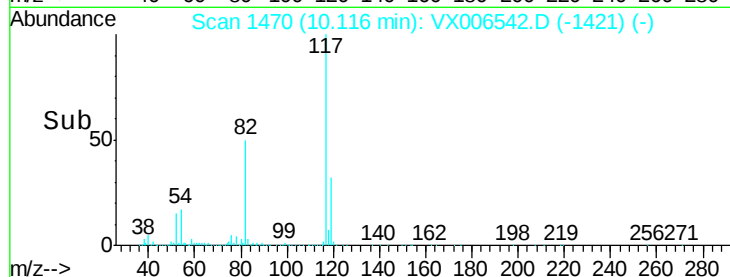
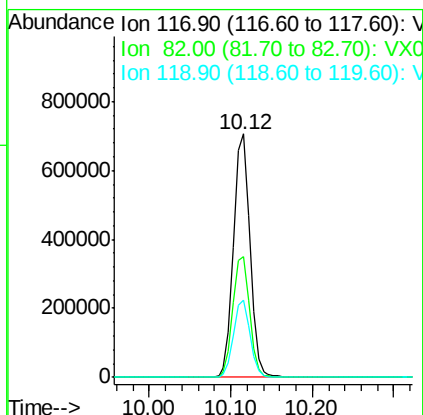
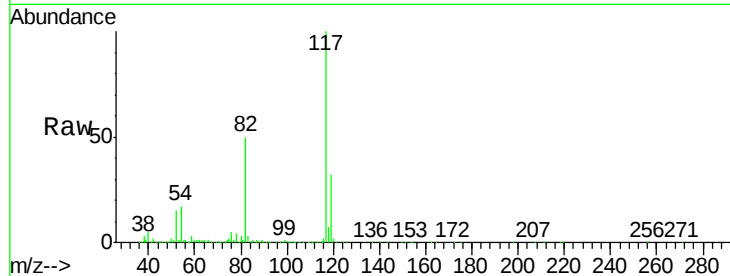




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006542.D
Acq: 15 Dec 2018 04:20

Instrument :
MSVOA_X
ClientSampleId :
FB-01_121118

Tgt Ion:117 Resp: 974261
Ion Ratio Lower Upper
117 100
82 49.5 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: VX006542.D
Acq: 15 Dec 2018 04:20

Tgt Ion:152 Resp: 457611
Ion Ratio Lower Upper
152 100
115 57.0 39.0 116.9
150 157.0 0.0 345.8

