

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006515.D
 Acq On : 14 Dec 2018 13:52
 Operator : JC/MD
 Sample : J6395-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-2018-12-10

Quant Time: Dec 17 12:46:59 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	706929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1114761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1007191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	480500	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	376375	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
35) Dibromofluoromethane	5.50	113	338443	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
50) Toluene-d8	8.71	98	1304725	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	480337	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	

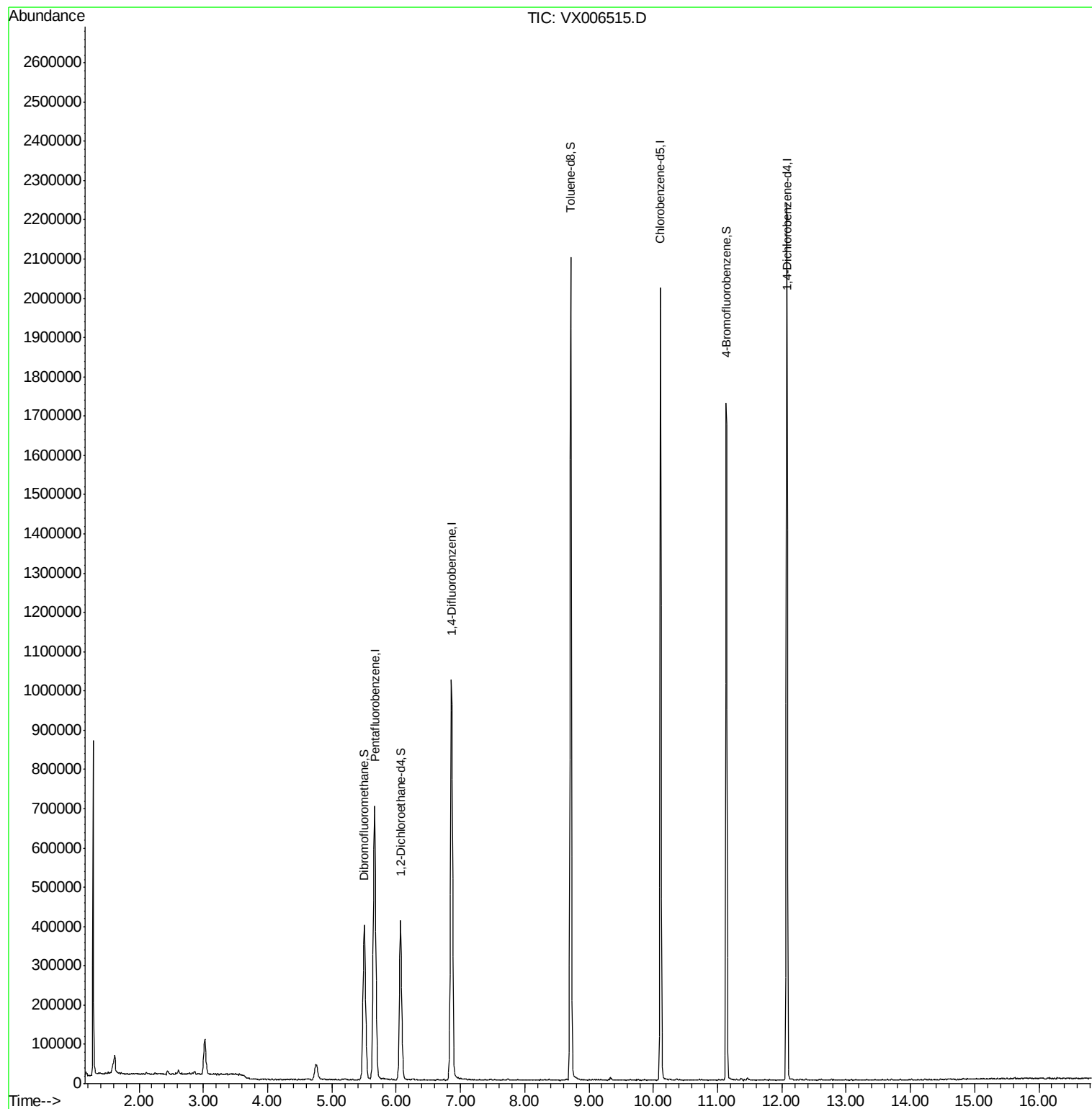
Target Compounds	Qvalue
------------------	--------

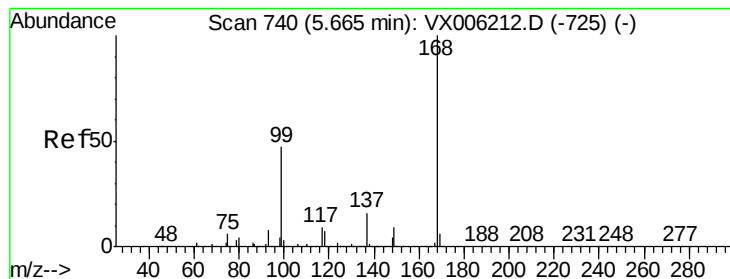
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006515.D
Acq On : 14 Dec 2018 13:52
Operator : JC/MD
Sample : J6395-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
FB-2018-12-10

Quant Time: Dec 17 12:46:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006515.D

Acq: 14 Dec 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

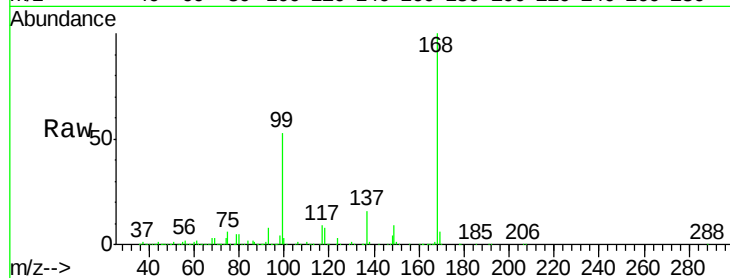
FB-2018-12-10

Tgt Ion:168 Resp: 706929

Ion Ratio Lower Upper

168 100

99 53.3 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

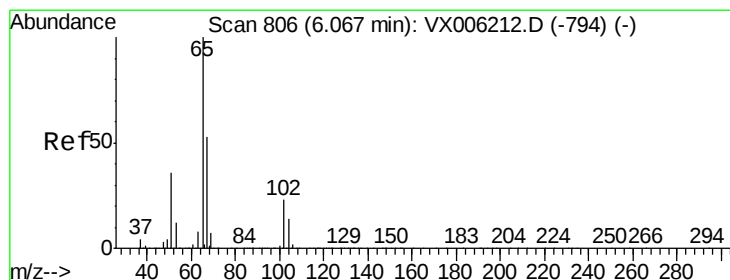
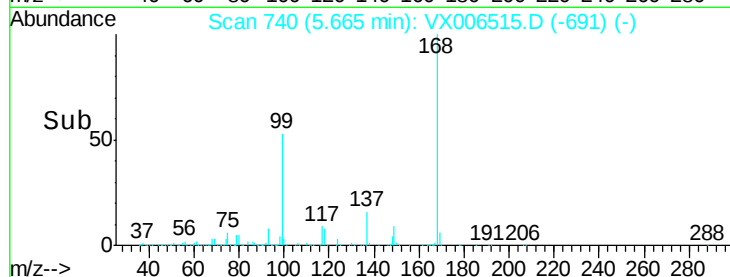
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.154 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006515.D

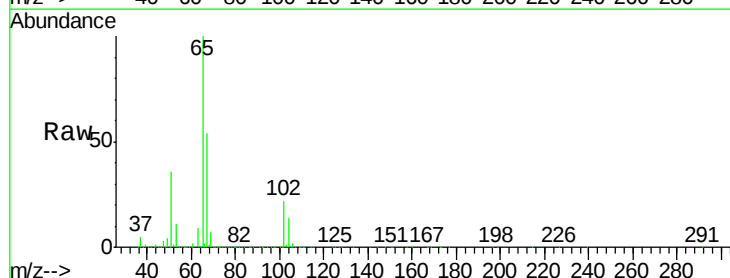
Acq: 14 Dec 2018 13:52

Tgt Ion: 65 Resp: 376375

Ion Ratio Lower Upper

65 100

67 53.6 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

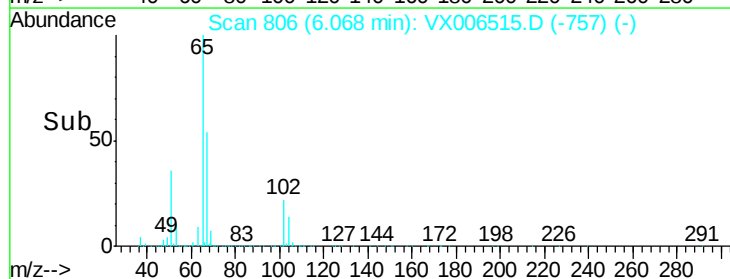
150000

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: VX006515.D

Acq: 14 Dec 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

FB-2018-12-10

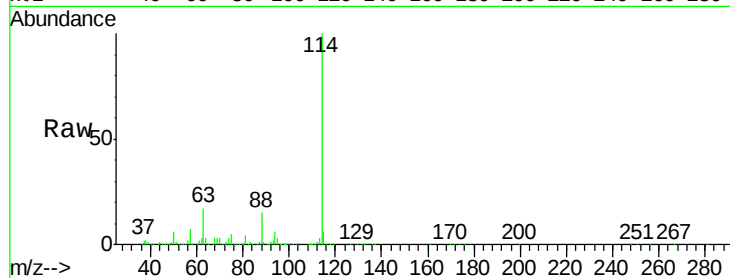
Tgt Ion:114 Resp: 1114761

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

88 14.6 0.0 29.0



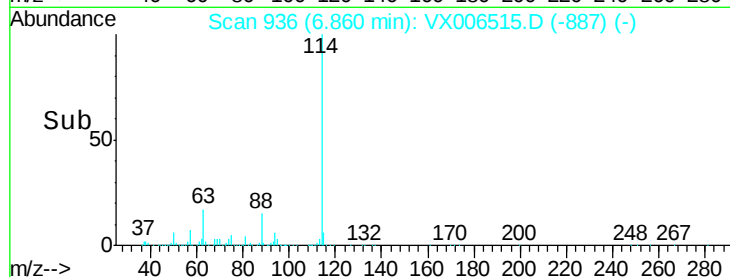
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

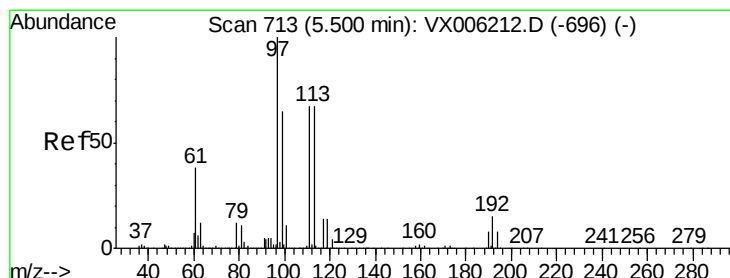
Ion 87.90 (87.60 to 88.60): VX0

6.86

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 46.891 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006515.D

Acq: 14 Dec 2018 13:52

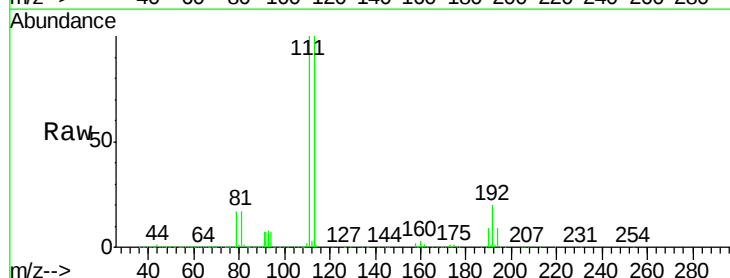
Tgt Ion:113 Resp: 338443

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

192 20.6 18.2 27.2



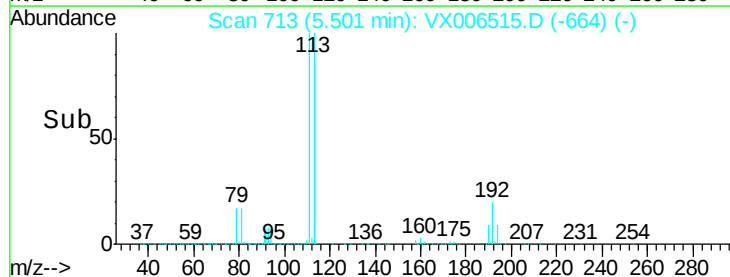
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.50

Time-->



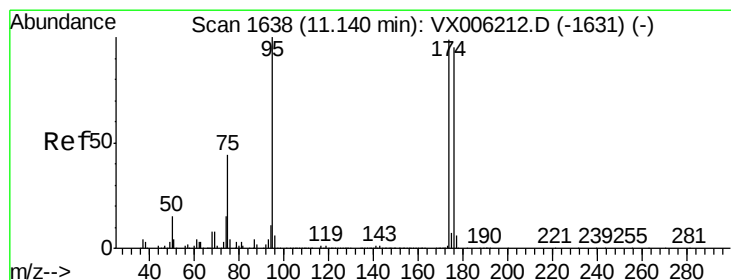
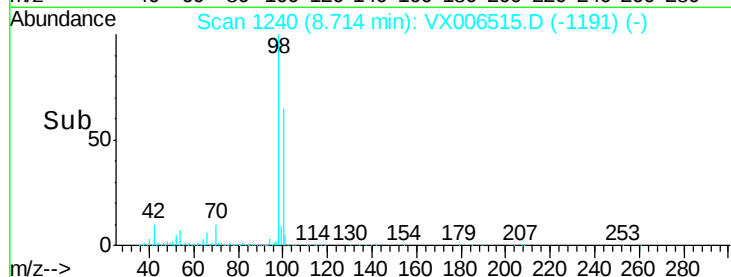
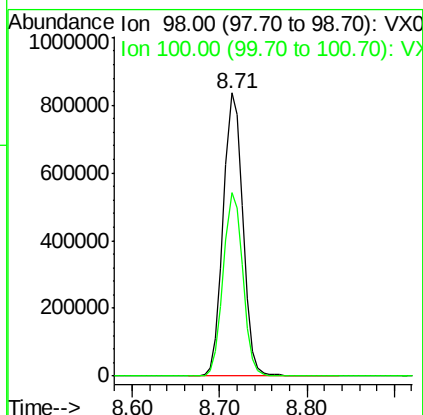
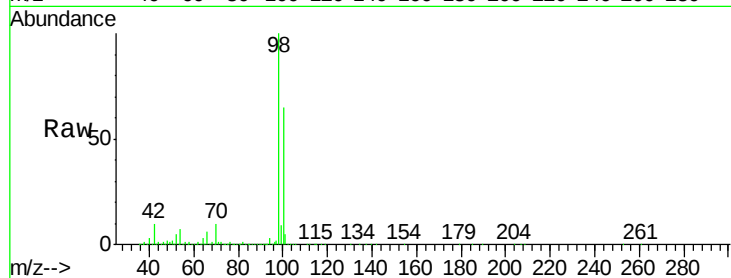
Time-->



#50
Toluene-d8
Concen: 49.697 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006515.D
Acq: 14 Dec 2018 13:52

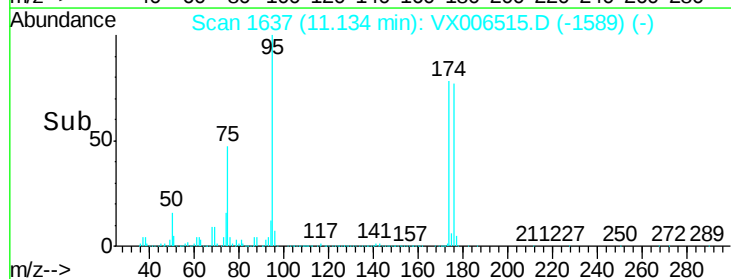
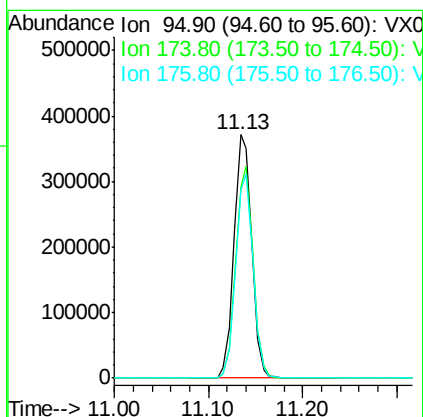
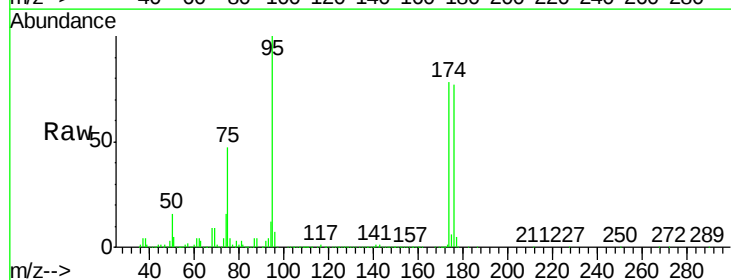
Instrument :
MSVOA_X
ClientSampleId :
FB-2018-12-10

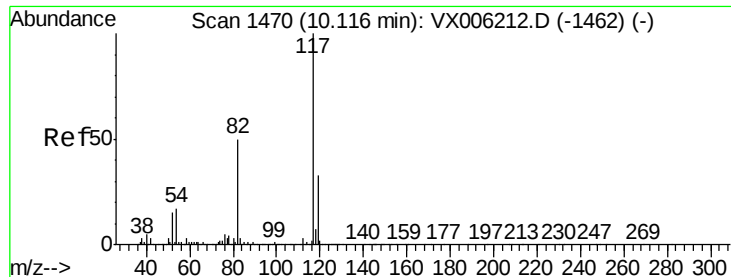
Tgt Ion: 98 Resp: 1304725
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.553 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006515.D
Acq: 14 Dec 2018 13:52

Tgt Ion: 95 Resp: 480337
Ion Ratio Lower Upper
95 100
174 85.4 0.0 187.0
176 82.6 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: VX006515.D

Acq: 14 Dec 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

FB-2018-12-10

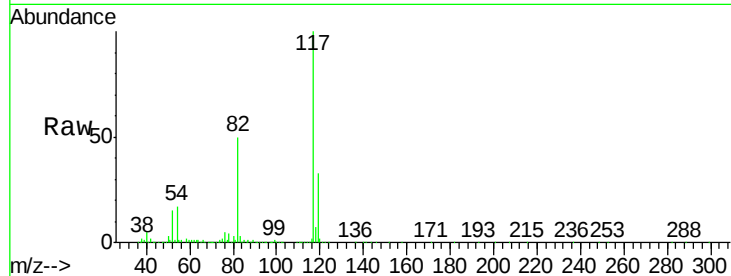
Tgt Ion:117 Resp: 1007191

Ion Ratio Lower Upper

117 100

82 49.6 39.6 59.4

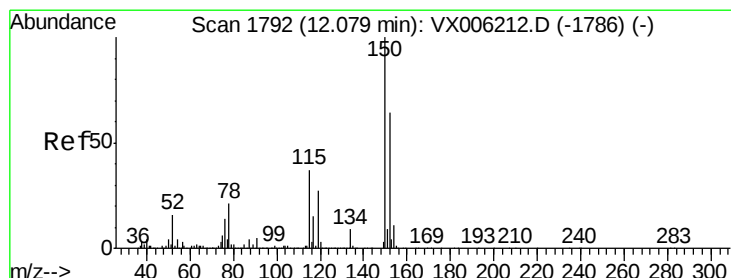
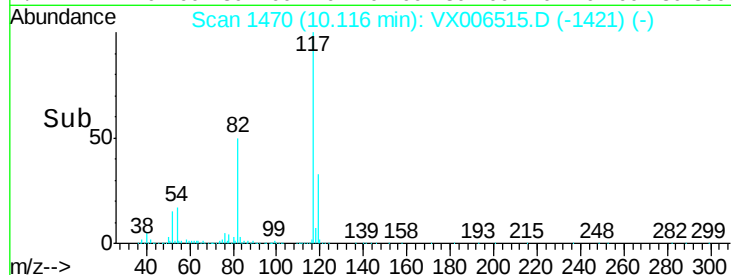
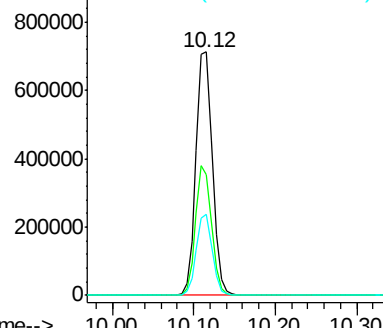
119 33.0 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006515.D

Acq: 14 Dec 2018 13:52

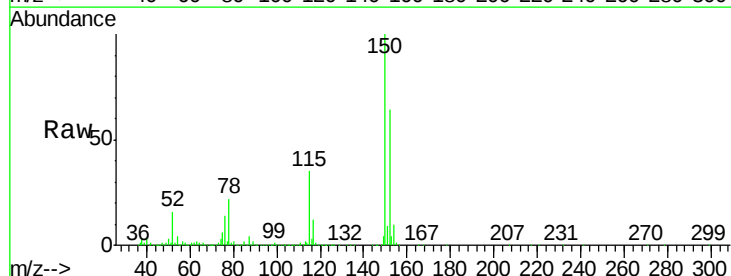
Tgt Ion:152 Resp: 480500

Ion Ratio Lower Upper

152 100

115 57.0 39.0 116.9

150 156.4 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

