

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006352.D
 Acq On : 07 Dec 2018 17:25
 Operator : JC/MD
 Sample : J6019-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-120518

Quant Time: Dec 10 10:05:00 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	816633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1236276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1121144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	544467	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	402143	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
35) Dibromofluoromethane	5.51	113	381542	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
50) Toluene-d8	8.71	98	1423094	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.13	95	530587	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	

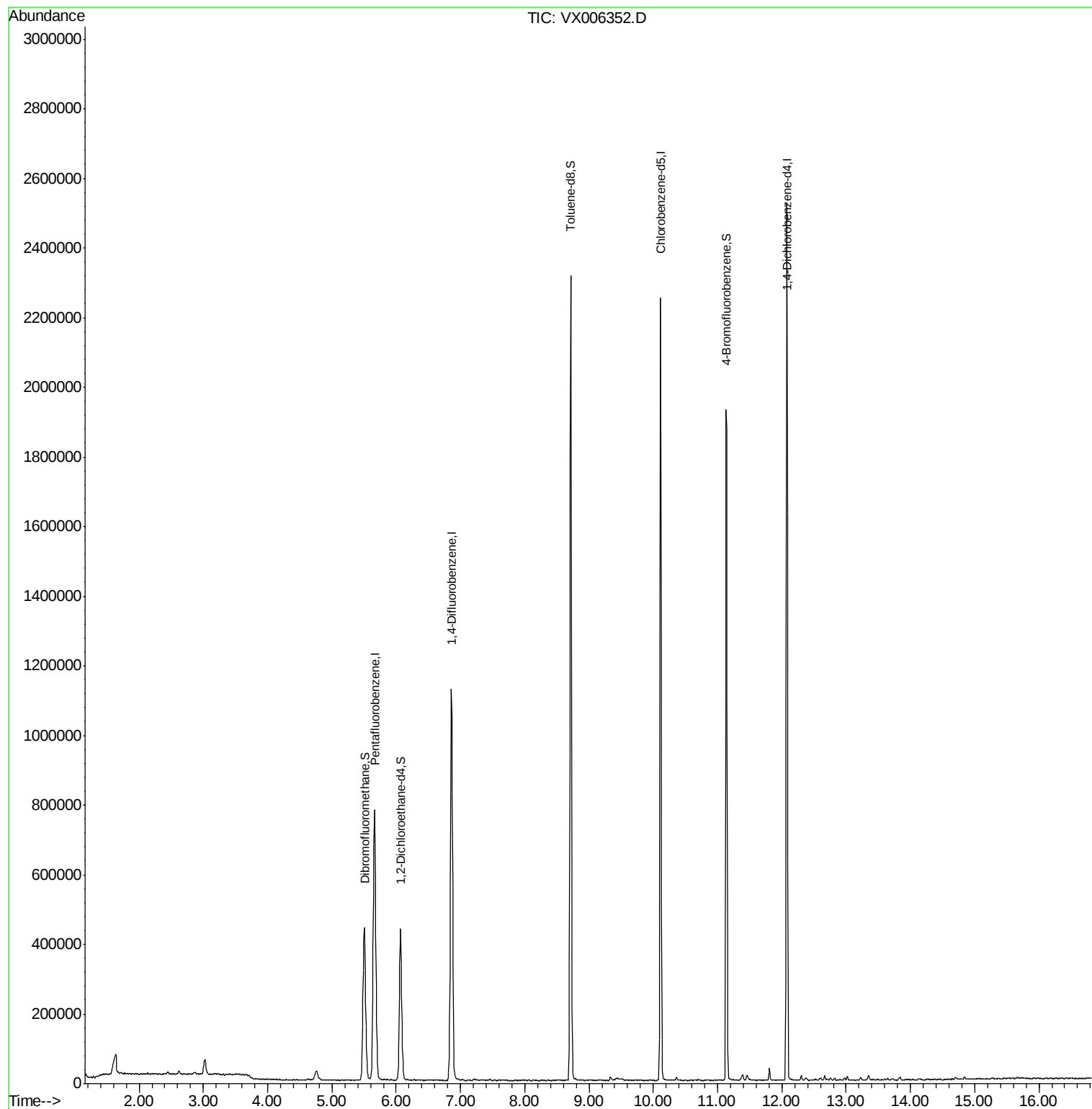
Target Compounds	Qvalue
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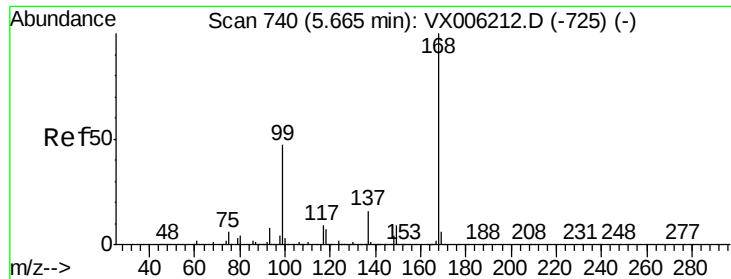
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006352.D

Acq: 07 Dec 2018 17:25

Instrument :

MSVOA_X

ClientSampleId :

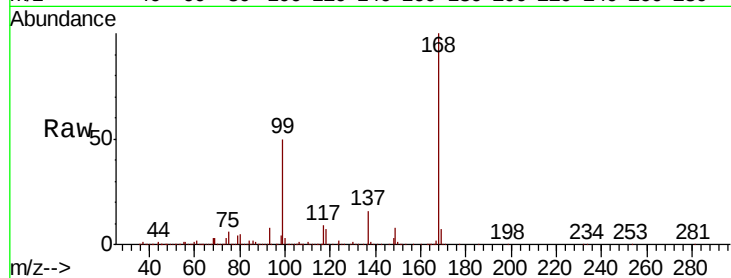
FB-120518

Tot Ion:168 Resp: 816633

Ion Ratio Lower Upper

168 100

99 49.7 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

300000

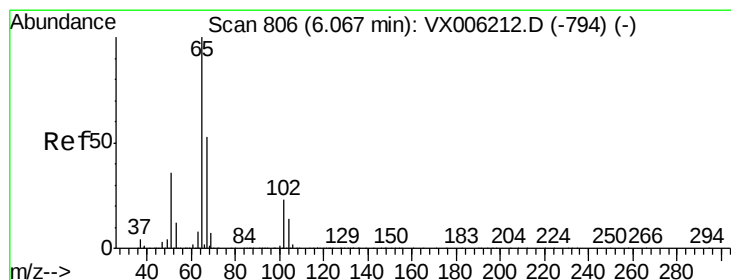
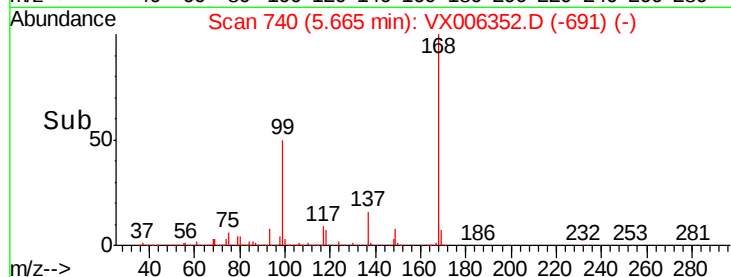
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.239 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006352.D

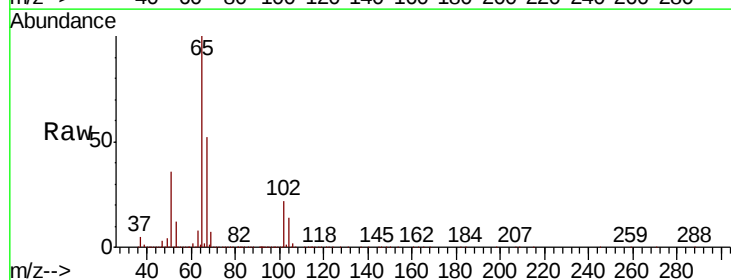
Acq: 07 Dec 2018 17:25

Tgt Ion: 65 Resp: 402143

Ion Ratio Lower Upper

65 100

67 53.2 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

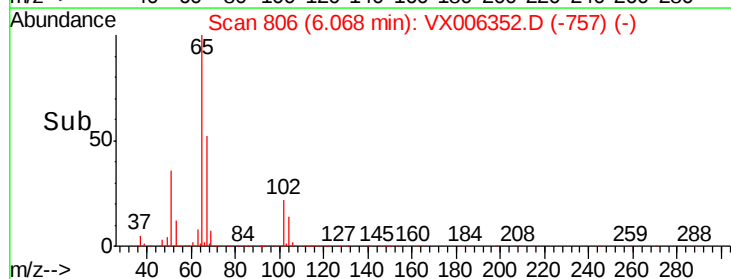
100000

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: VX006352.D

Acq: 07 Dec 2018 17:25

Instrument :

MSVOA_X

ClientSampleId :

FB-120518

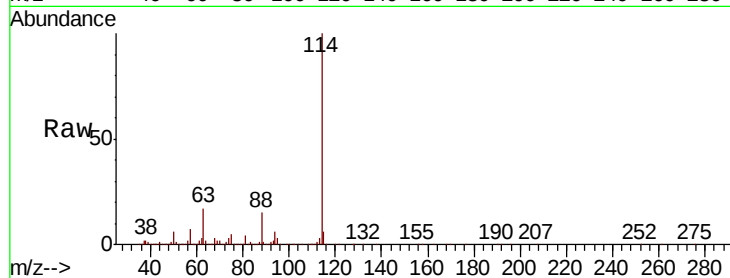
Tot Ion:114 Resp: 1236276

Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.6

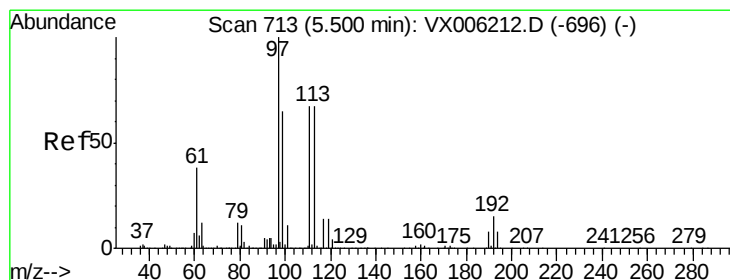
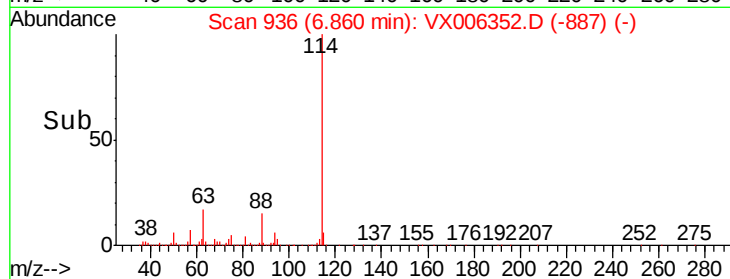
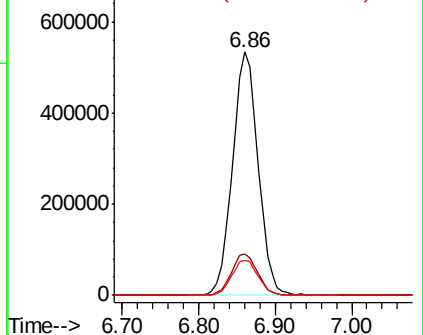
88 14.6 0.0 29.0



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



#35

Dibromofluoromethane

Concen: 47.667 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006352.D

Acq: 07 Dec 2018 17:25

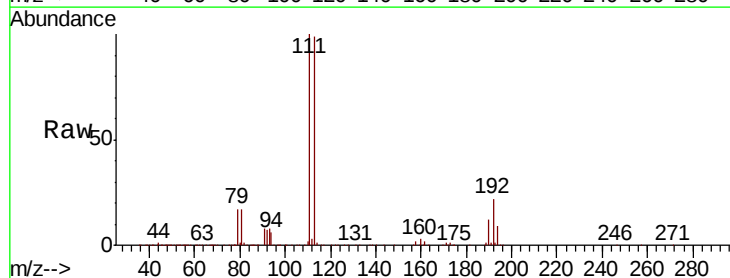
Tgt Ion:113 Resp: 381542

Ion Ratio Lower Upper

113 100

111 101.8 81.1 121.7

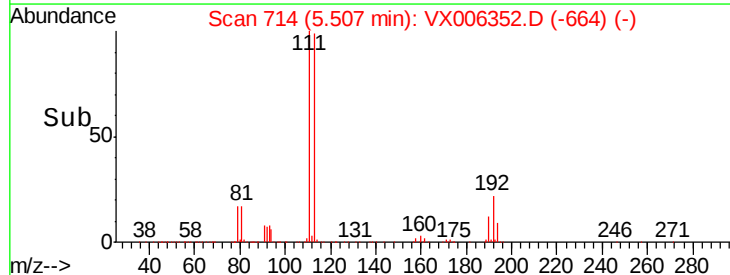
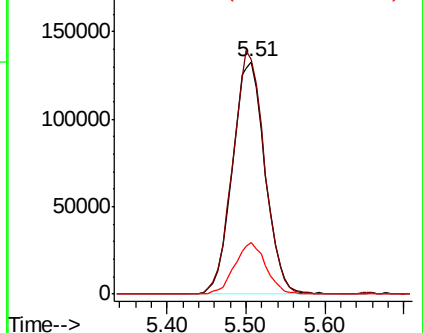
192 21.5 18.2 27.2



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: 48.878 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006352.D

Acq: 07 Dec 2018 17:25

Instrument :

MSVOA_X

ClientSampleId :

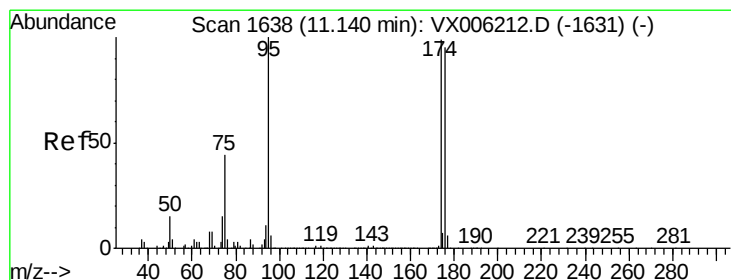
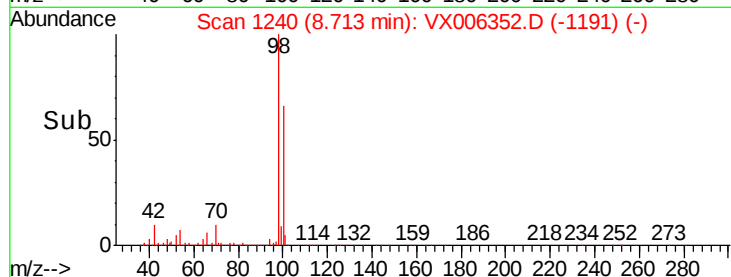
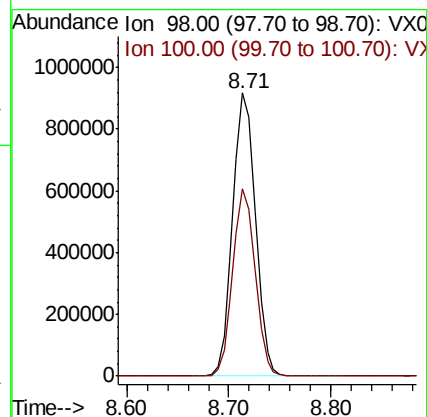
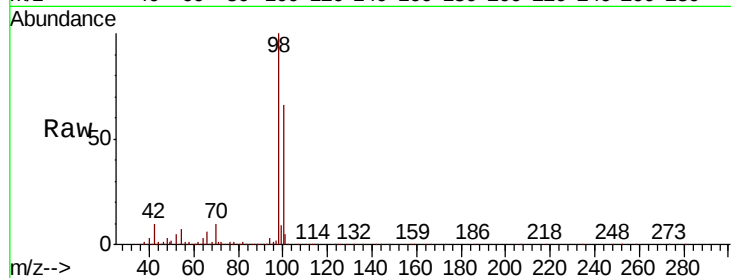
FB-120518

Tot Ion: 98 Resp: 1423094

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.360 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006352.D

Acq: 07 Dec 2018 17:25

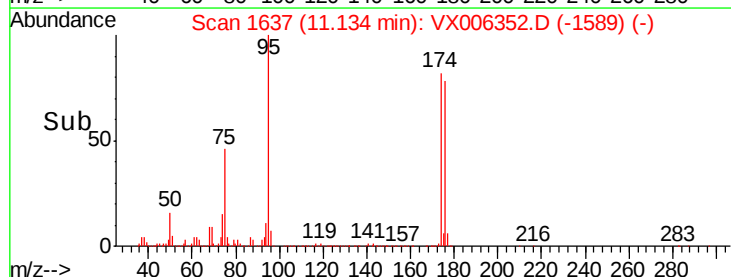
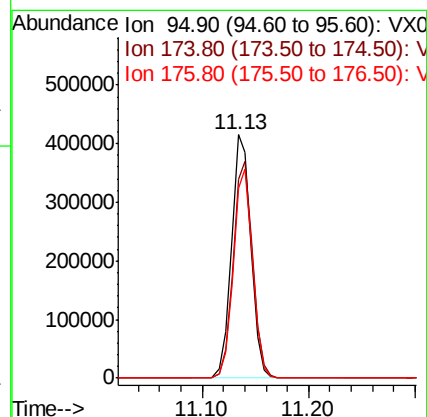
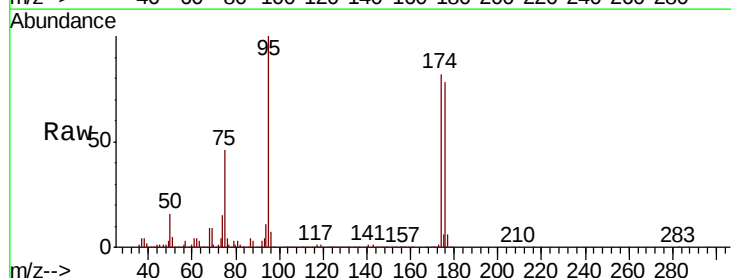
Tgt Ion: 95 Resp: 530587

Ion Ratio Lower Upper

95 100

174 89.6 0.0 187.0

176 85.3 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: VX006352.D

Acq: 07 Dec 2018 17:25

Instrument :

MSVOA_X

ClientSampled :

FB-120518

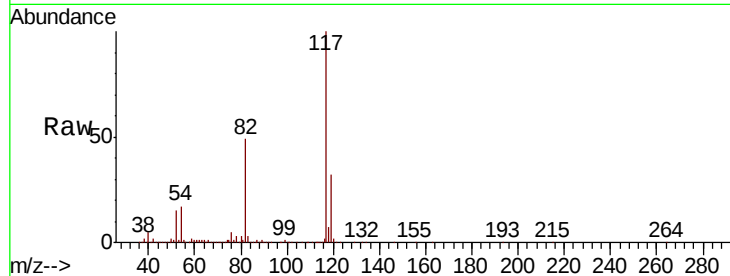
Tot Ion:117 Resp: 1121144

Ion Ratio Lower Upper

117 100

82 49.4 39.6 59.4

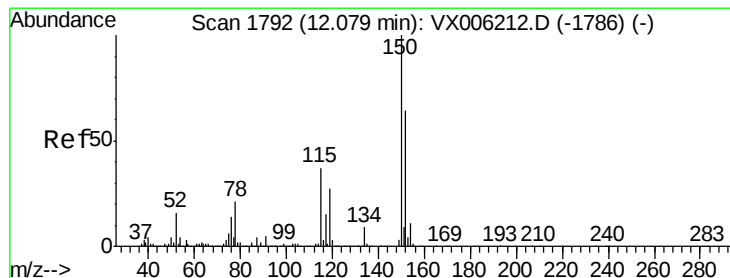
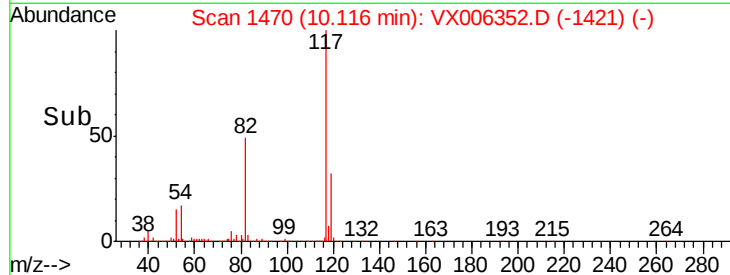
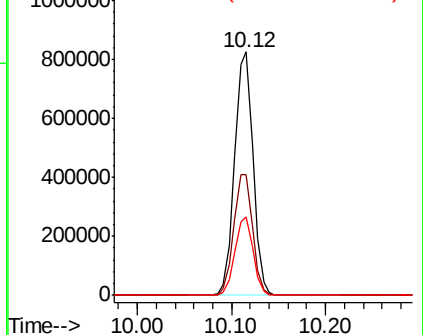
119 32.4 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

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: VX006352.D

Acq: 07 Dec 2018 17:25

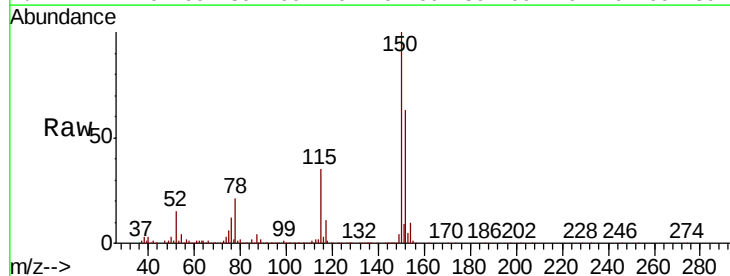
Tgt Ion:152 Resp: 544467

Ion Ratio Lower Upper

152 100

115 56.5 39.0 116.9

150 158.0 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

