

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006353.D
 Acq On : 07 Dec 2018 17:51
 Operator : JC/MD
 Sample : J6019-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-120618

Quant Time: Dec 10 10:05:26 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	789299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1203545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1085611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	521803	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	397220	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
35) Dibromofluoromethane	5.50	113	370273	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
50) Toluene-d8	8.71	98	1400102	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	517837	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	

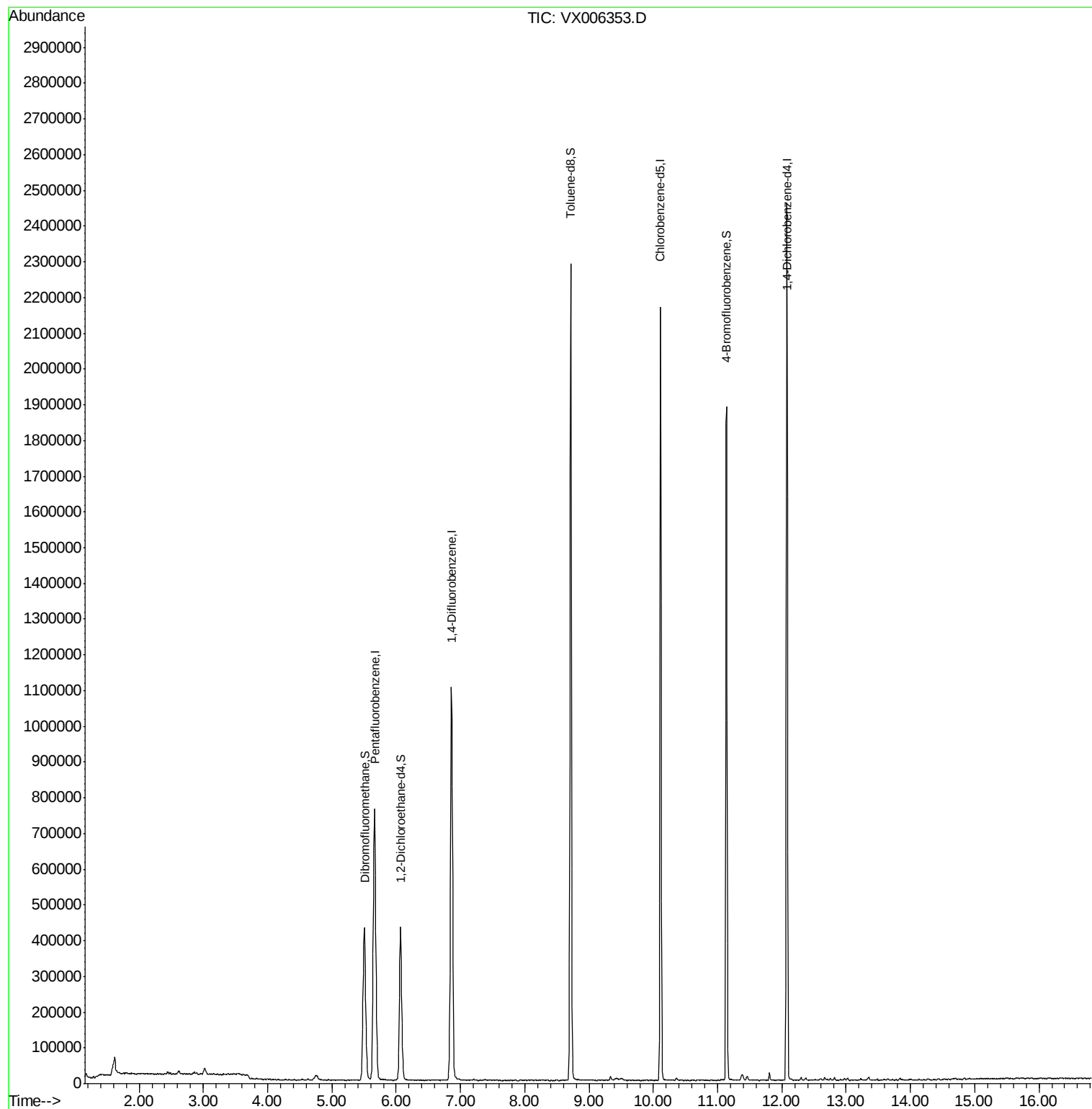
Target Compounds	Qvalue
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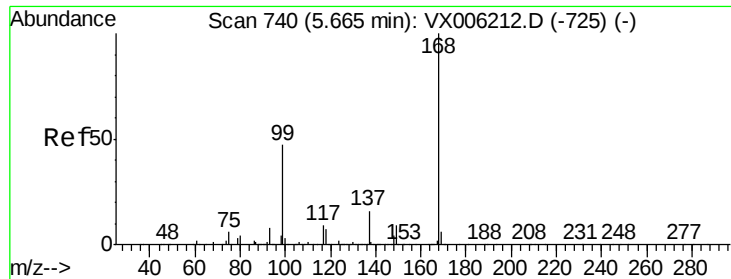
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX006353.D

Acq: 07 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

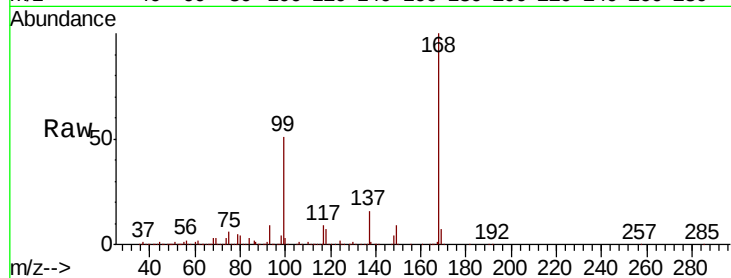
FB-120618

Tot Ion:168 Resp: 789299

Ion Ratio Lower Upper

168 100

99 51.3 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

300000

250000

200000

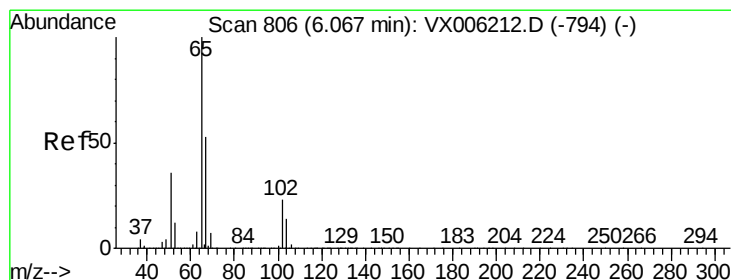
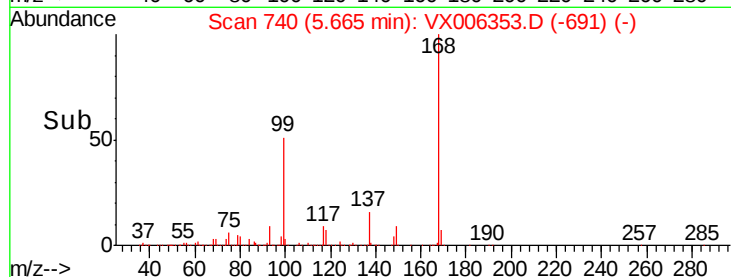
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.298 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006353.D

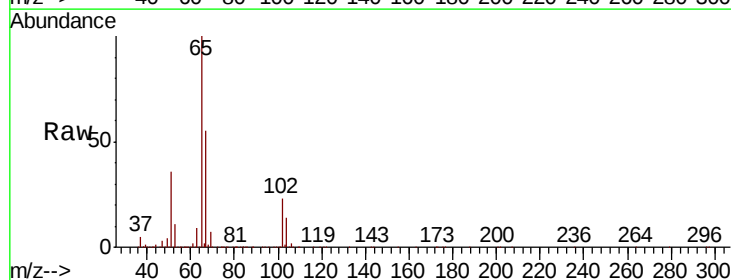
Acq: 07 Dec 2018 17:51

Tgt Ion: 65 Resp: 397220

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

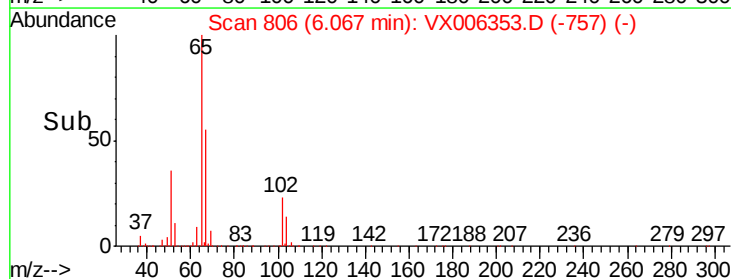
150000

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: VX006353.D

Acq: 07 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

FB-120618

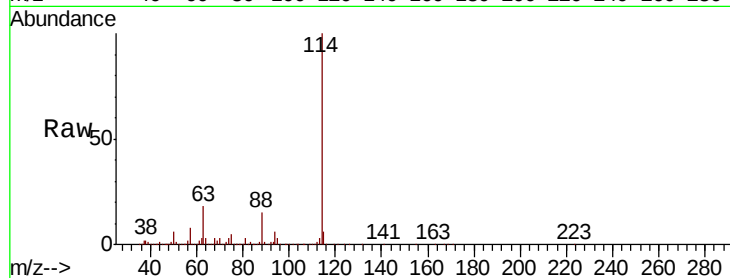
Tot Ion:114 Resp: 1203545

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.6

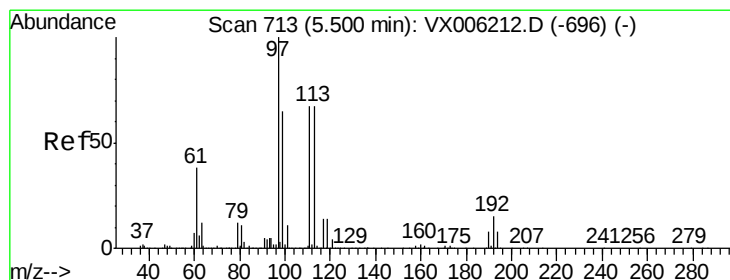
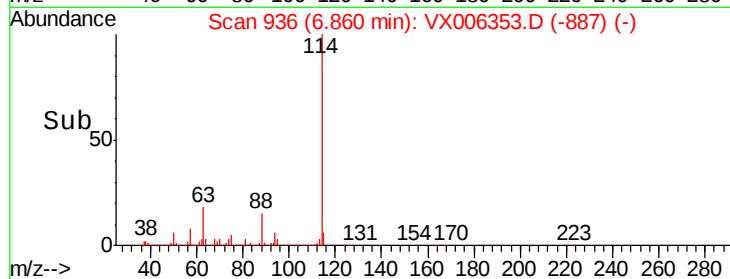
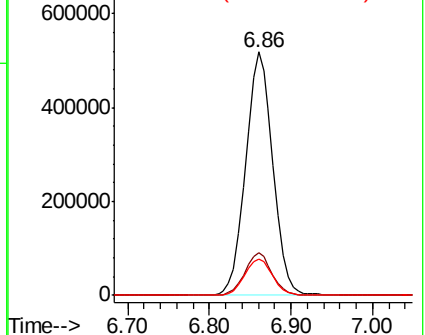
88 15.0 0.0 29.0



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: 47.517 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006353.D

Acq: 07 Dec 2018 17:51

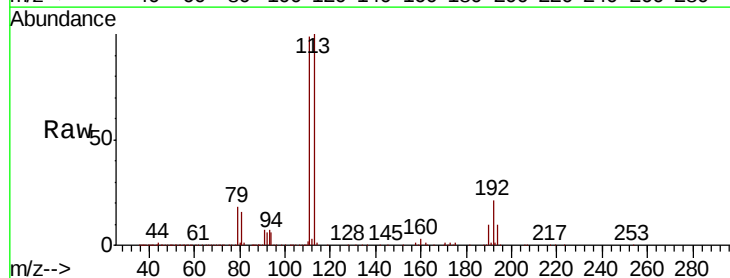
Tgt Ion:113 Resp: 370273

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

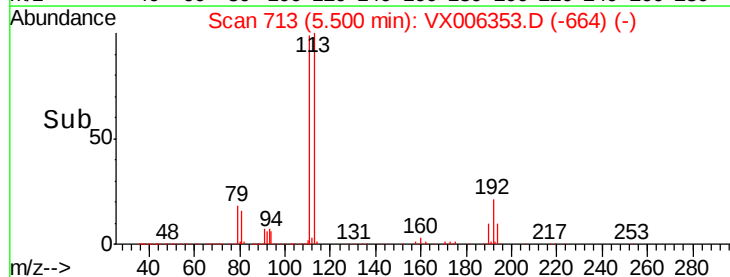
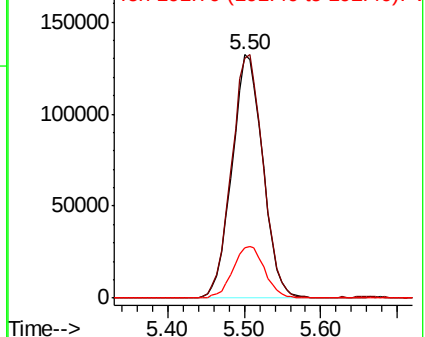
192 21.8 18.2 27.2



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: 49.396 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006353.D

Acq: 07 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampled :

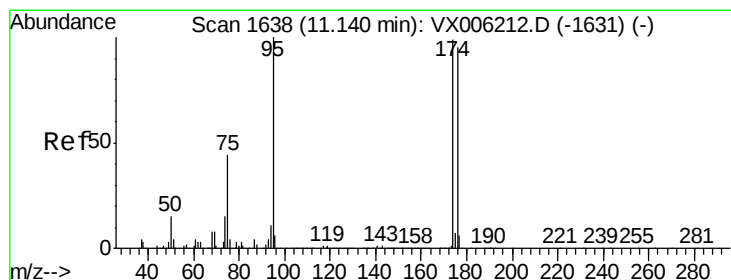
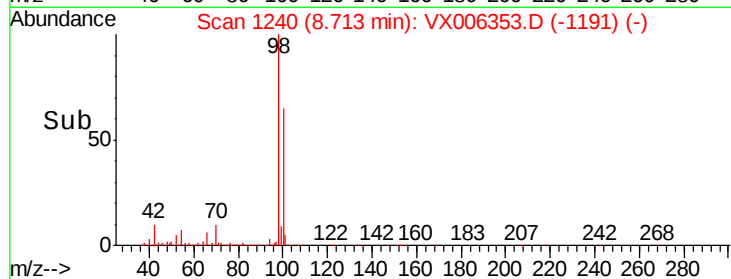
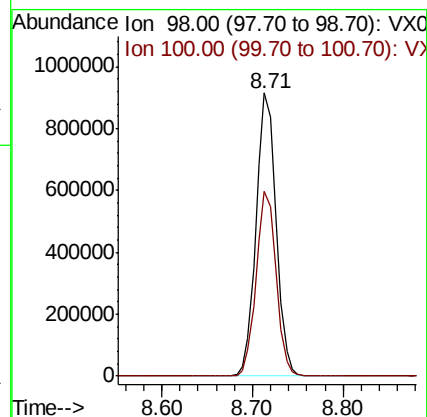
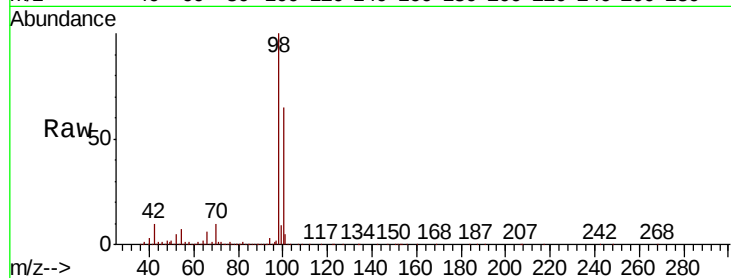
FB-120618

Tot Ion: 98 Resp: 1400102

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.482 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006353.D

Acq: 07 Dec 2018 17:51

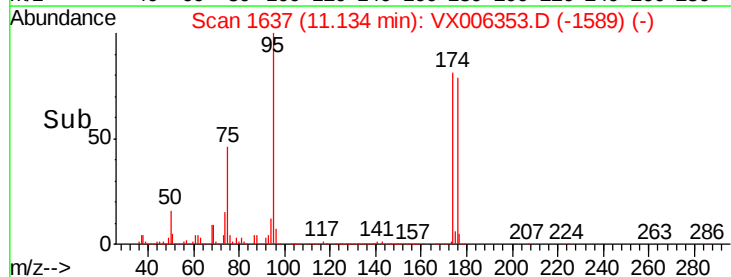
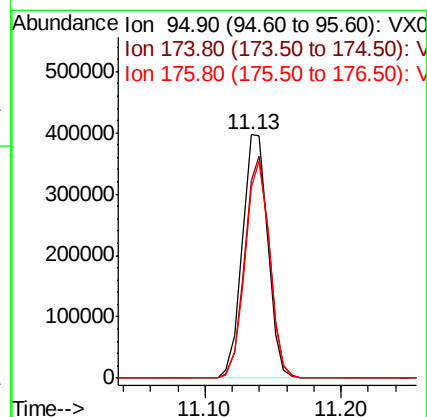
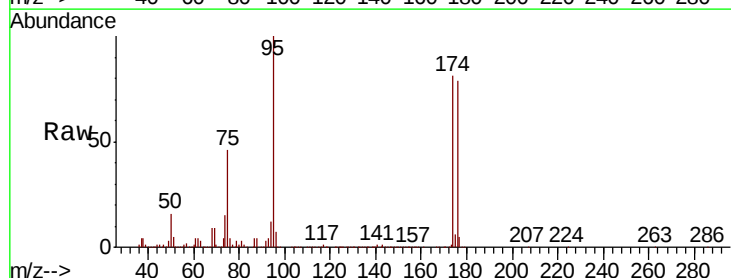
Tgt Ion: 95 Resp: 517837

Ion Ratio Lower Upper

95 100

174 88.8 0.0 187.0

176 85.9 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: VX006353.D

Acq: 07 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

FB-120618

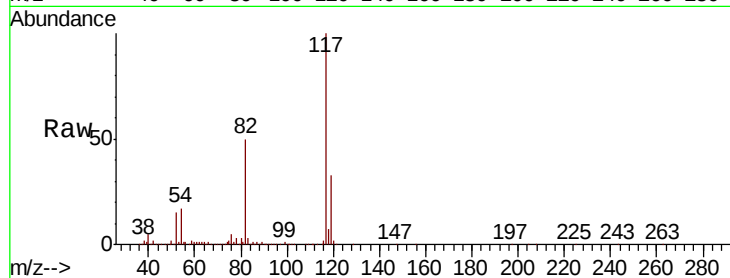
Tot Ion:117 Resp: 1085611

Ion	Ratio	Lower	Upper
117	100		
82	49.7	39.6	59.4
119	33.0	26.3	39.5

117 100

82 49.7 39.6 59.4

119 33.0 26.3 39.5

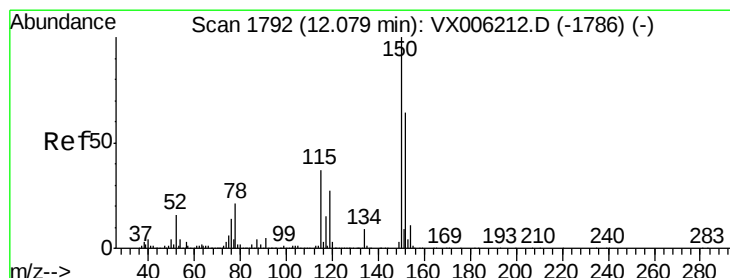
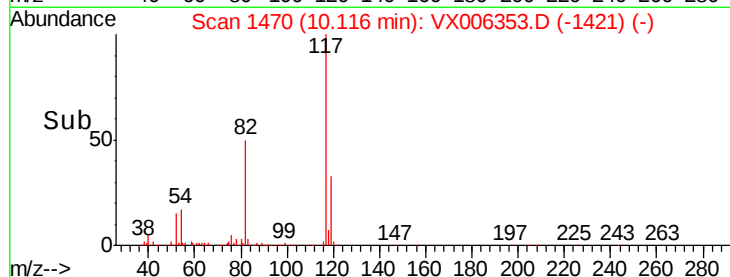
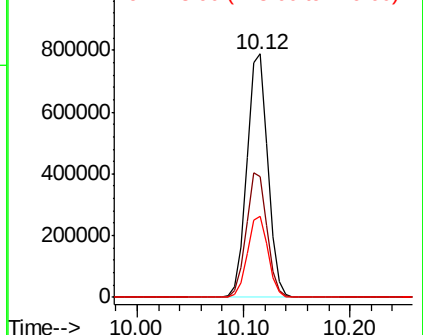


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): 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: VX006353.D

Acq: 07 Dec 2018 17:51

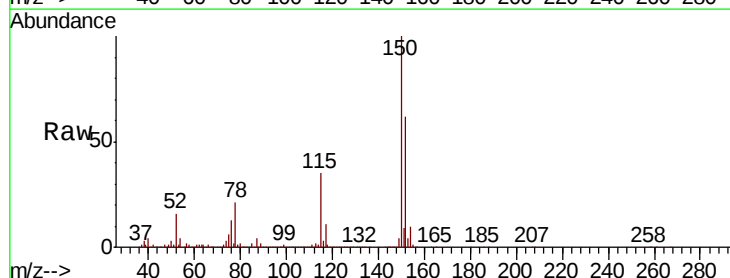
Tgt Ion:152 Resp: 521803

Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.0	116.9
150	159.7	0.0	345.8

152 100

115 56.6 39.0 116.9

150 159.7 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

