

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011517.D
 Acq On : 13 Aug 2019 05:07
 Operator : JC/SP
 Sample : K4278-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0696

Quant Time: Aug 13 09:38:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	187483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	284190	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110467	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	106128	56.21	ug/l	0.00
Spiked Amount			Recovery	=	112.42%	
35) Dibromofluoromethane	5.49	113	88774	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
50) Toluene-d8	8.71	98	332209	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
62) 4-Bromofluorobenzene	11.13	95	108244	43.29	ug/l	0.00
Spiked Amount			Recovery	=	86.58%	

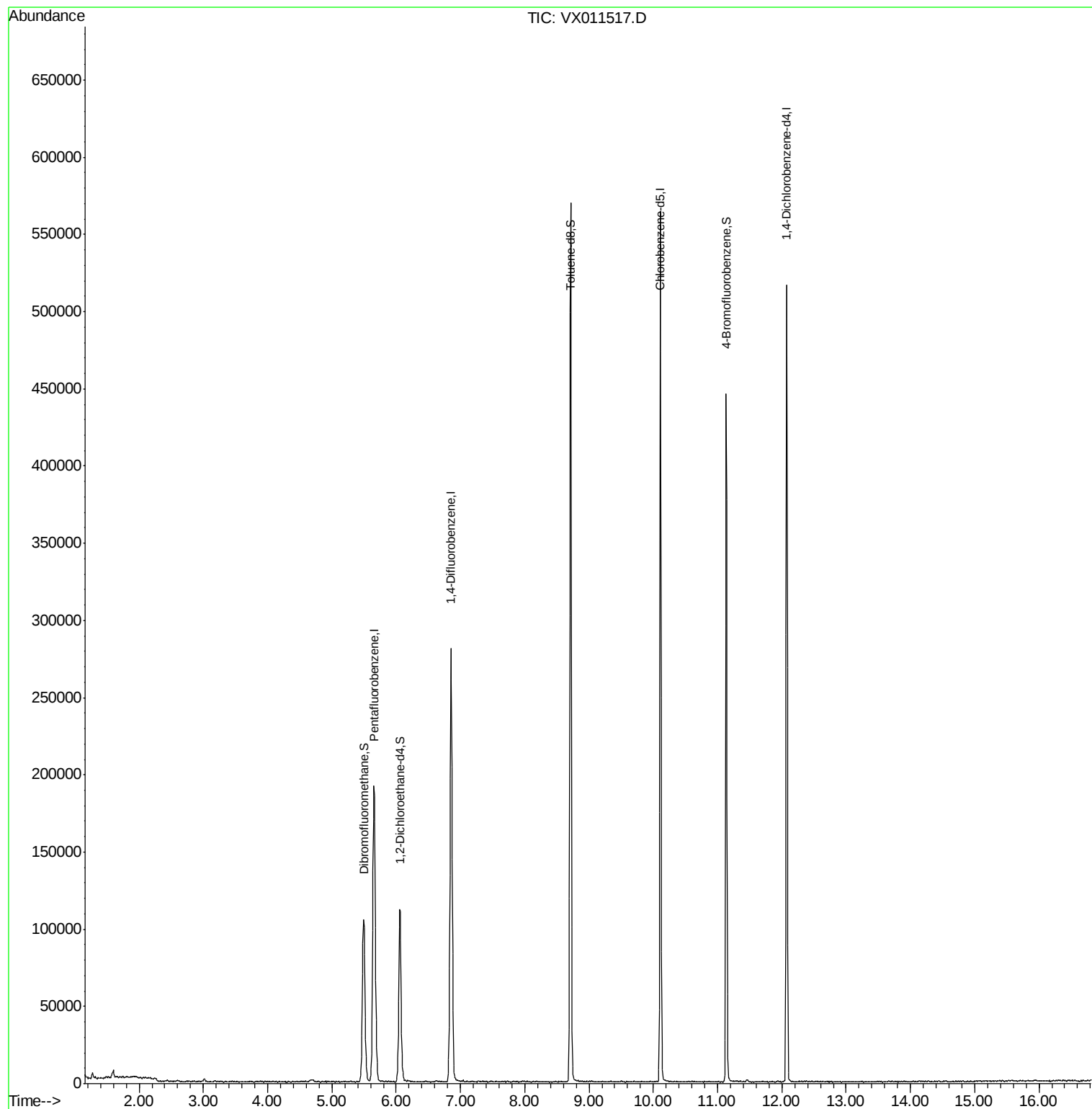
Target Compounds	Qvalue
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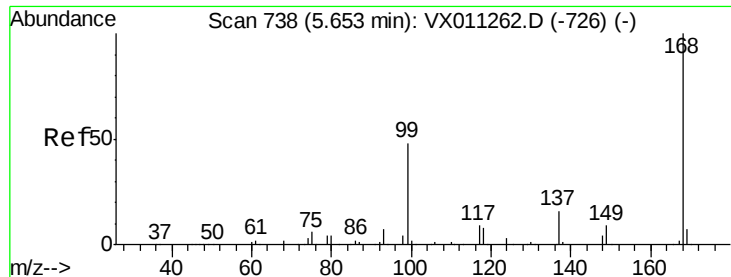
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011517.D

Acq: 13 Aug 2019 05:07

Instrument :

MSVOA_X

ClientSampleId :

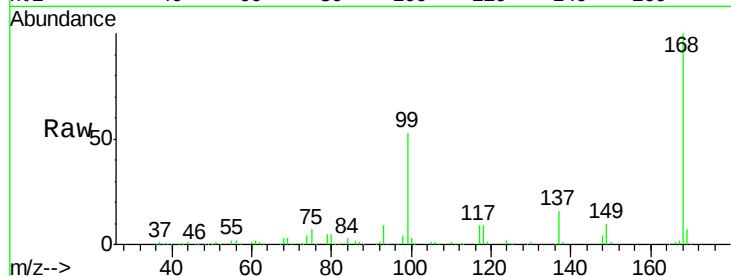
Z3-0696

Tot Ion:168 Resp: 187483

Ion Ratio Lower Upper

168 100

99 52.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

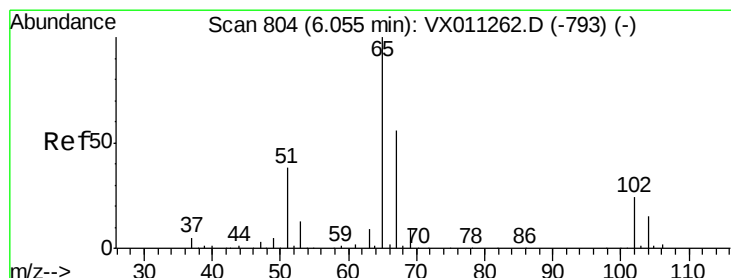
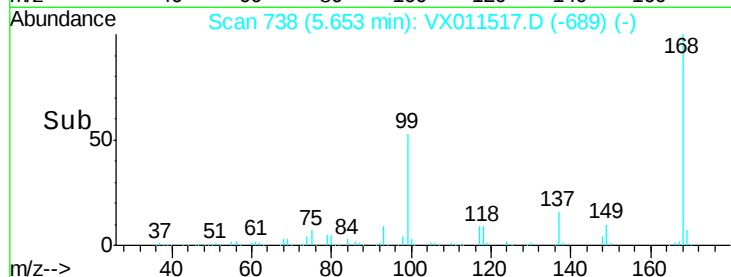
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 56.210 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011517.D

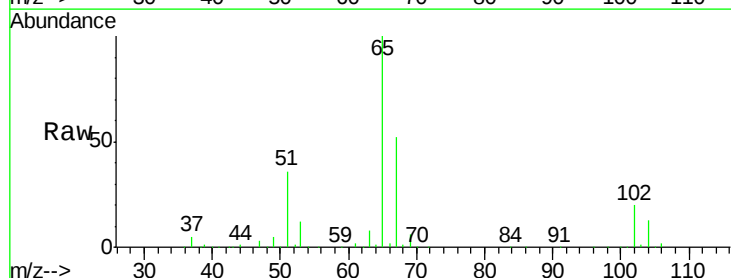
Acq: 13 Aug 2019 05:07

Tgt Ion: 65 Resp: 106128

Ion Ratio Lower Upper

65 100

67 52.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

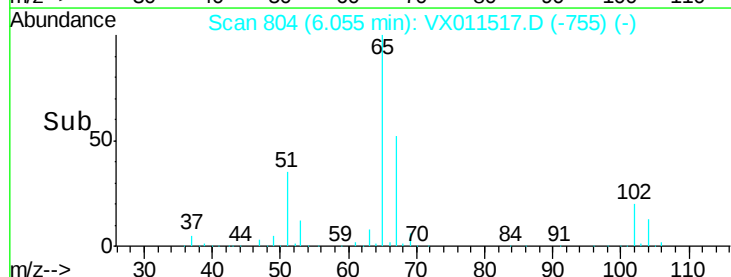
30000

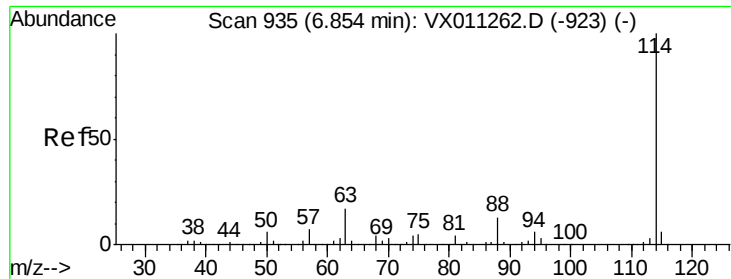
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

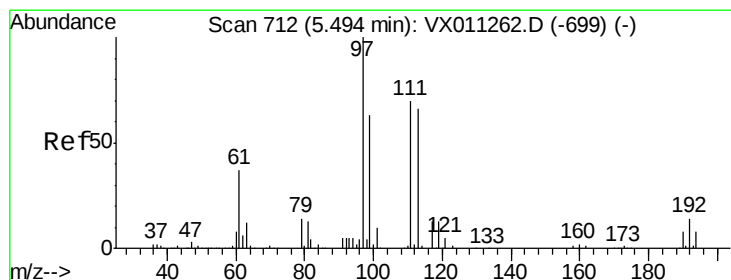
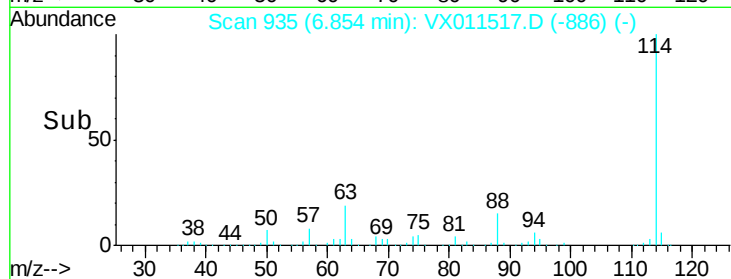
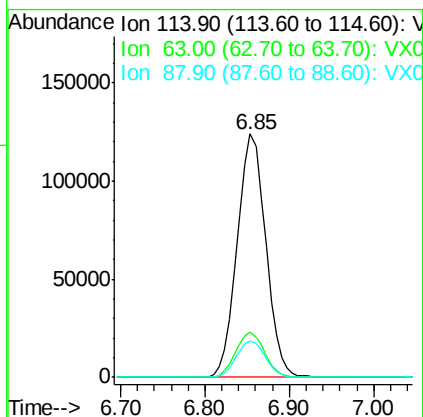
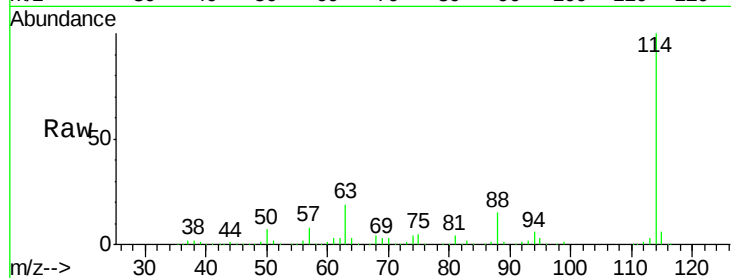




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011517.D
 Acq: 13 Aug 2019 05:07

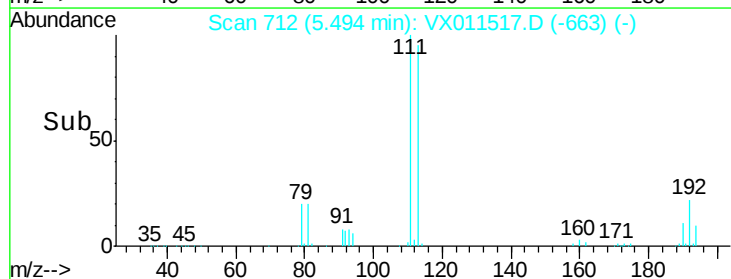
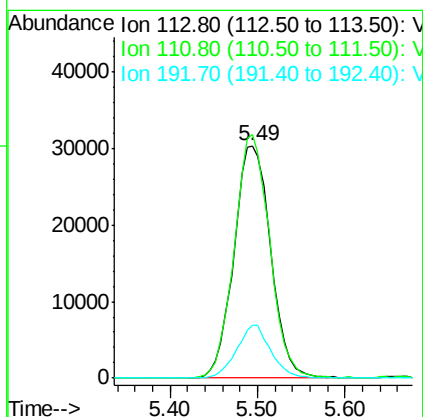
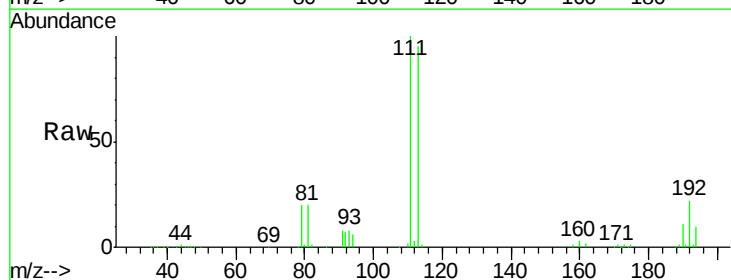
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0696

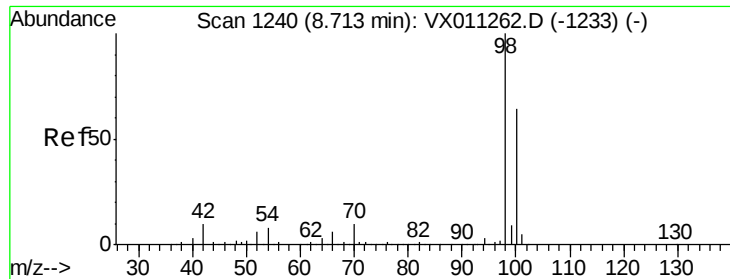
Tot Ion:114 Resp: 284190
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.0
 88 15.1 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 47.846 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011517.D
 Acq: 13 Aug 2019 05:07

Tgt Ion:113 Resp: 88774
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.9 122.9
 192 21.0 17.8 26.8





#50

Toluene-d8

Concen: 47.434 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011517.D

Acq: 13 Aug 2019 05:07

Instrument :

MSVOA_X

ClientSampleId :

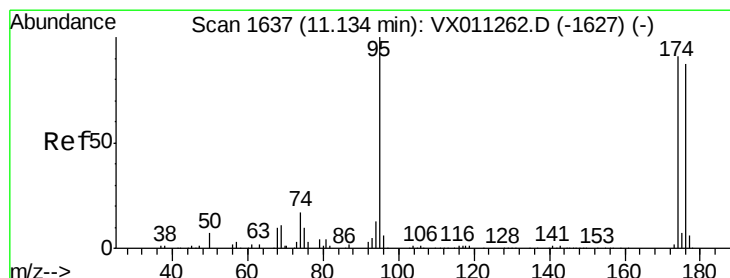
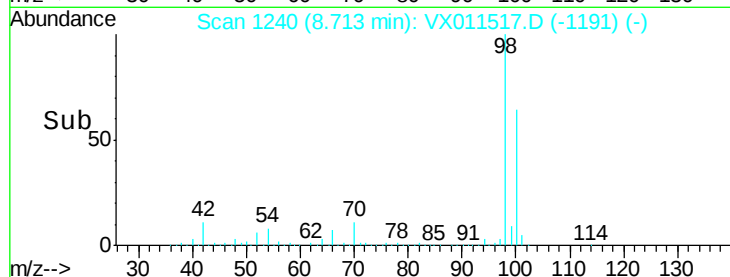
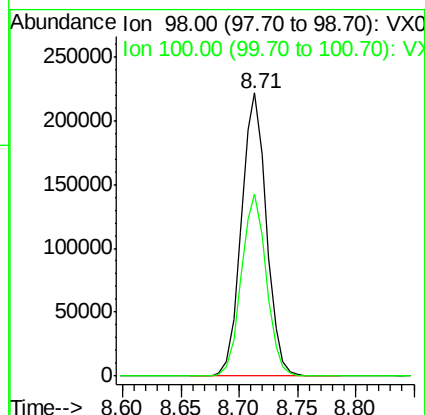
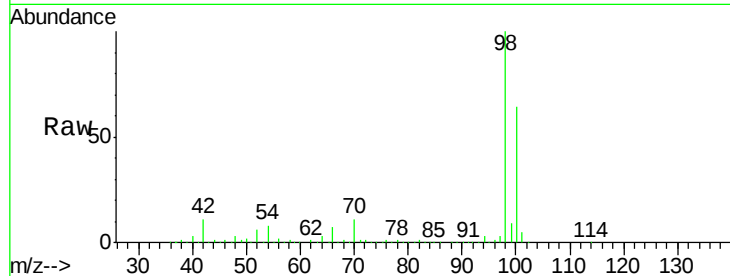
Z3-0696

Tot Ion: 98 Resp: 332209

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 43.289 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011517.D

Acq: 13 Aug 2019 05:07

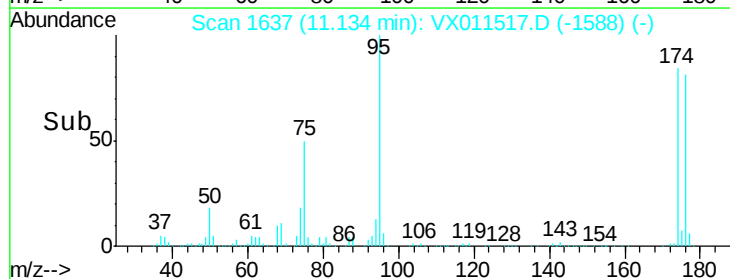
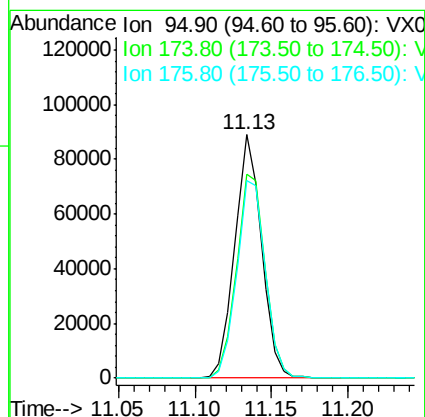
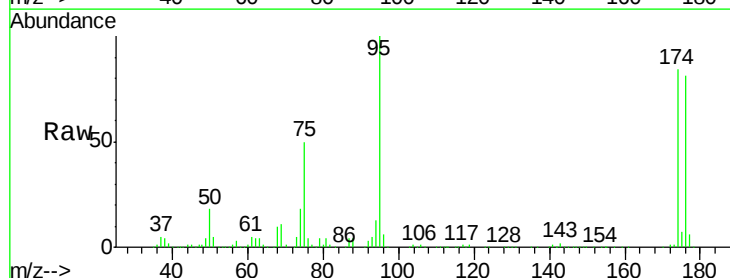
Tgt Ion: 95 Resp: 108244

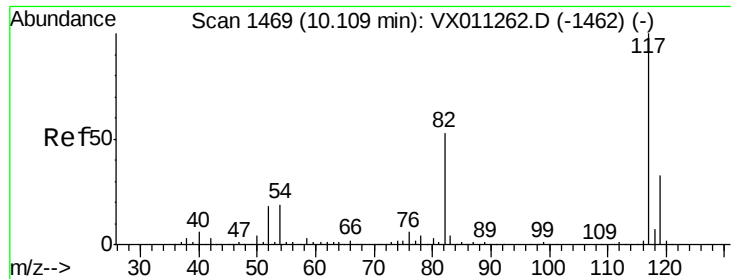
Ion Ratio Lower Upper

95 100

174 89.3 0.0 191.2

176 86.7 0.0 184.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011517.D

Acq: 13 Aug 2019 05:07

Instrument :

MSVOA_X

ClientSampleId :

Z3-0696

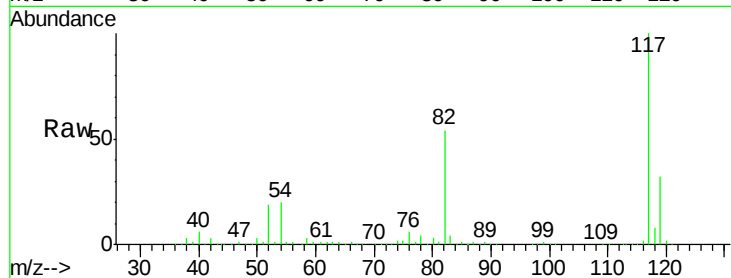
Tot Ion:117 Resp: 253286

Ion Ratio Lower Upper

117 100

82 53.6 42.2 63.2

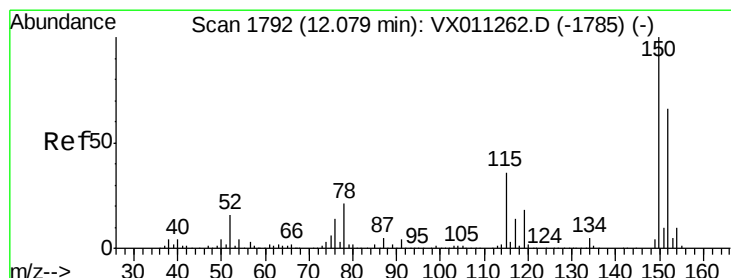
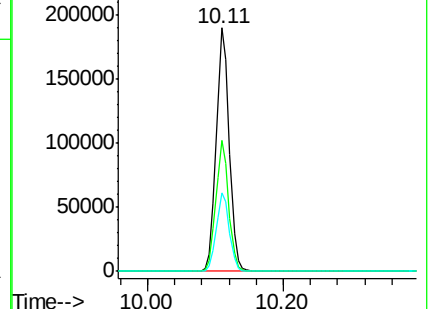
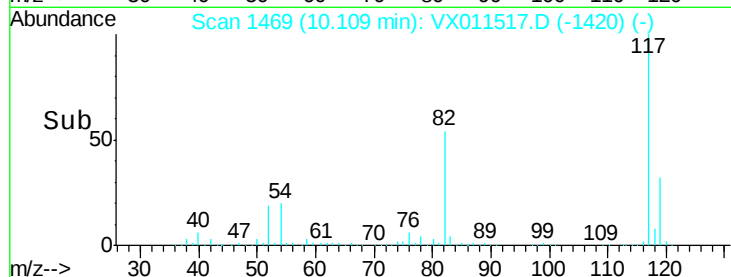
119 32.1 26.6 39.8



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: VX011517.D

Acq: 13 Aug 2019 05:07

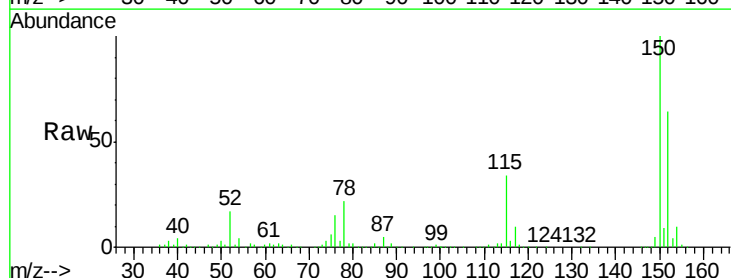
Tgt Ion:152 Resp: 110467

Ion Ratio Lower Upper

152 100

115 56.1 40.0 119.9

150 156.0 0.0 350.4



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

