

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\
 Data File : VX007162.D
 Acq On : 21 Jan 2019 16:41
 Operator : JC/SP
 Sample : K1198-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW518-3337

Quant Time: Jan 22 10:54:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	541690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	833396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	791116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	393168	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	290655	51.34	ug/l	0.00
Spiked Amount						
			Recovery	=	102.68%	
35) Dibromofluoromethane	5.50	113	257141	48.18	ug/l	0.00
Spiked Amount						
			Recovery	=	96.36%	
50) Toluene-d8	8.71	98	999119	51.14	ug/l	0.00
Spiked Amount						
			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.13	95	360981	53.00	ug/l	0.00
Spiked Amount						
			Recovery	=	106.00%	

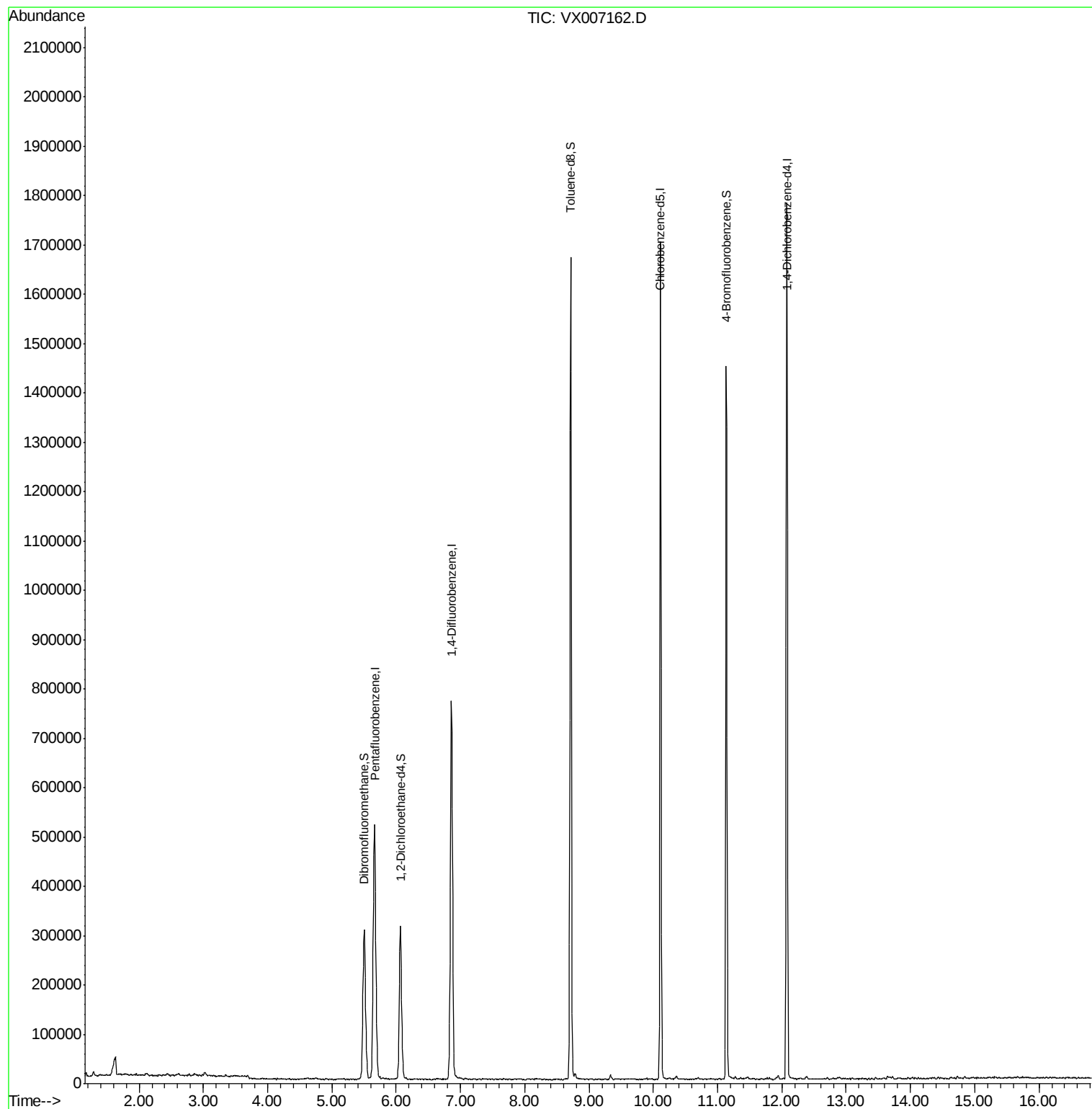
Target Compounds	Qvalue
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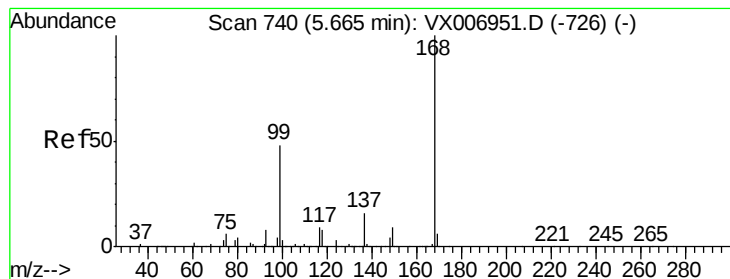
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007162.D

Acq: 21 Jan 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

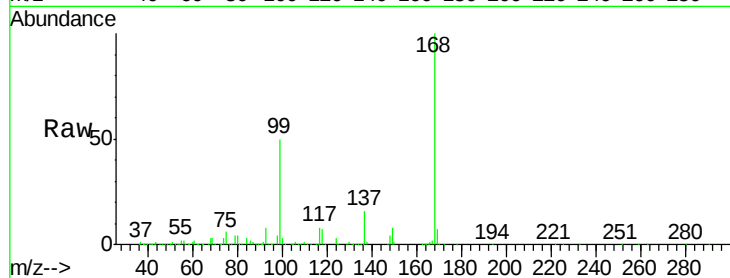
SA-TW518-3337

Tot Ion:168 Resp: 541690

Ion Ratio Lower Upper

168 100

99 49.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

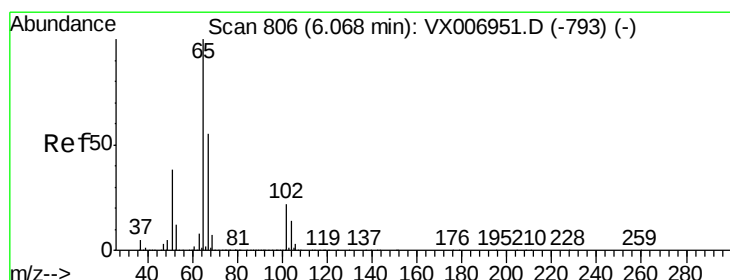
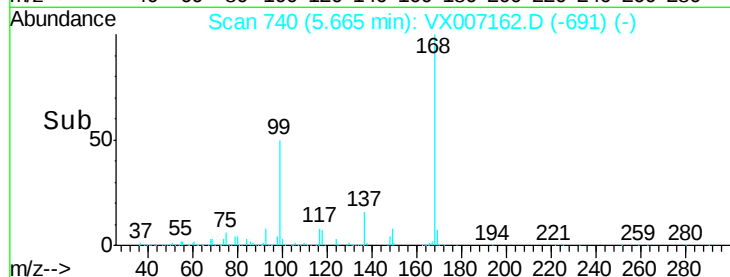
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.342 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007162.D

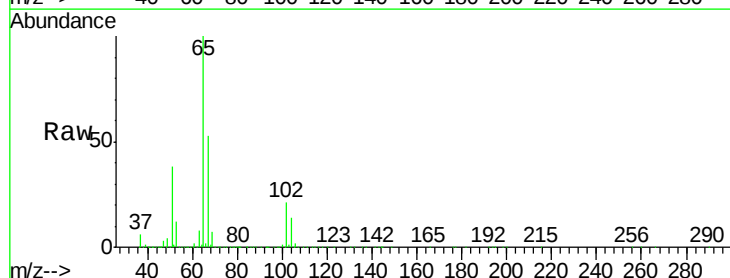
Acq: 21 Jan 2019 16:41

Tgt Ion: 65 Resp: 290655

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

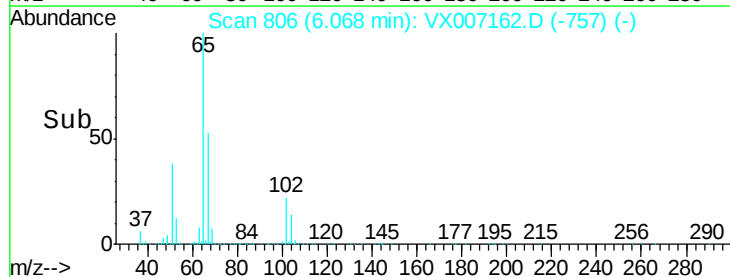
60000

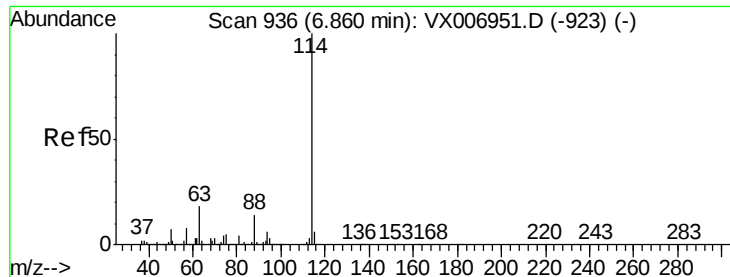
40000

20000

0

Time--> 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: VX007162.D

Acq: 21 Jan 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

SA-TW518-3337

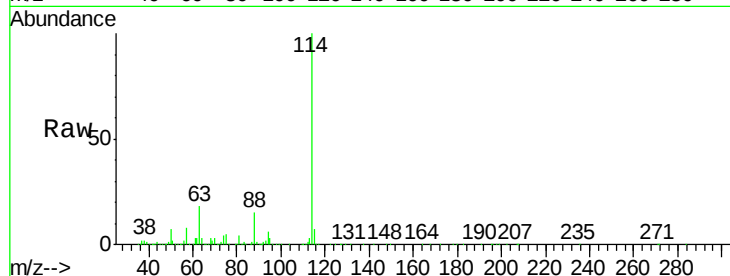
Tot Ion:114 Resp: 833396

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

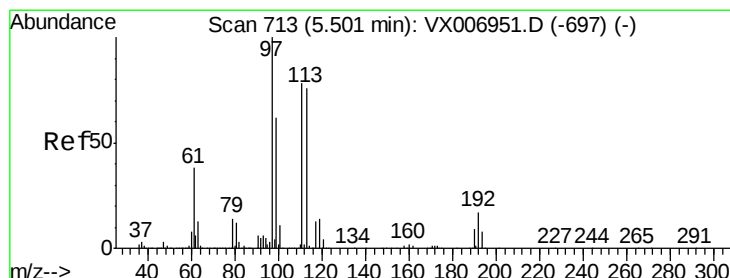
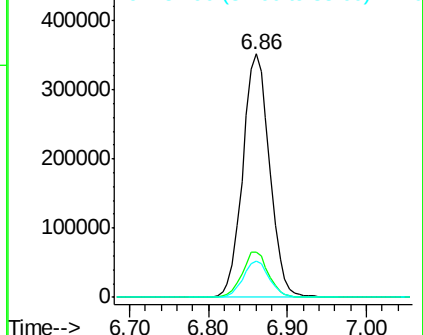
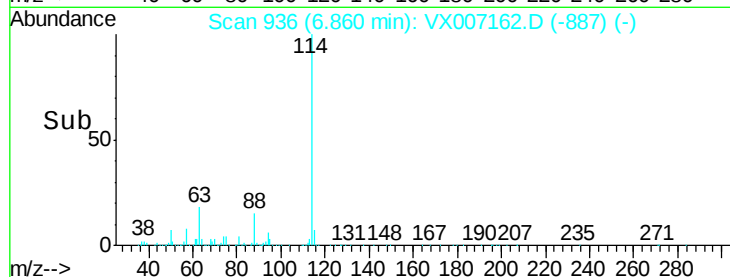
88 14.7 0.0 28.8



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: 48.181 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007162.D

Acq: 21 Jan 2019 16:41

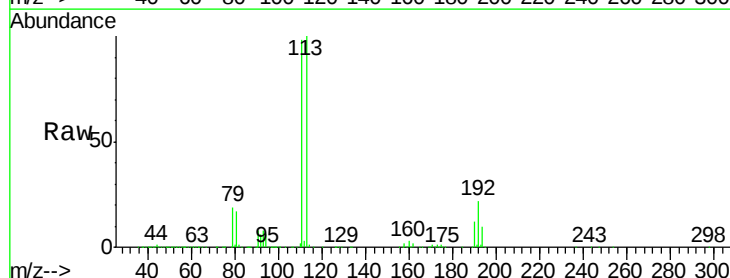
Tgt Ion:113 Resp: 257141

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

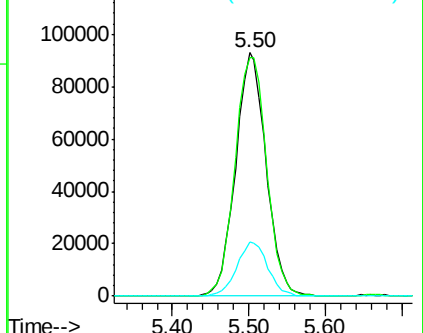
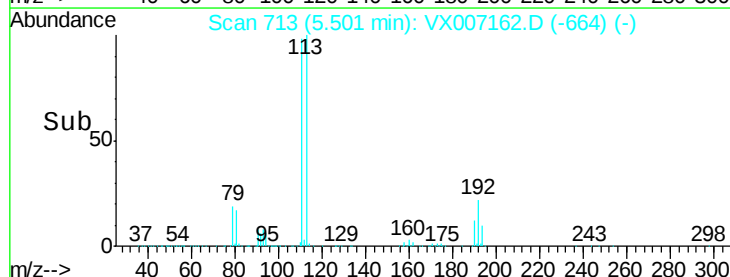
192 22.6 16.7 25.1

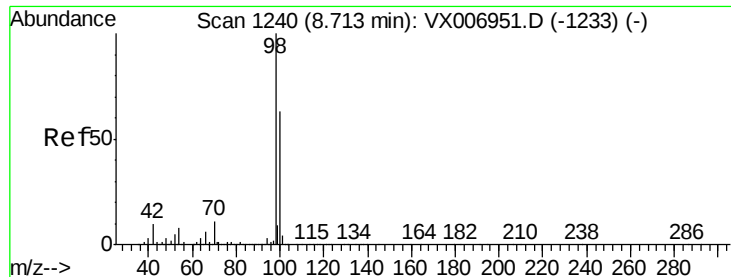


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.145 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007162.D

Acq: 21 Jan 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

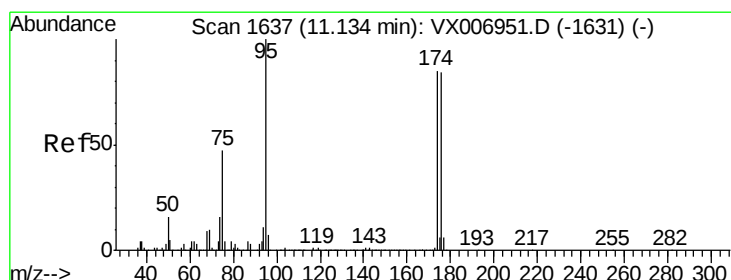
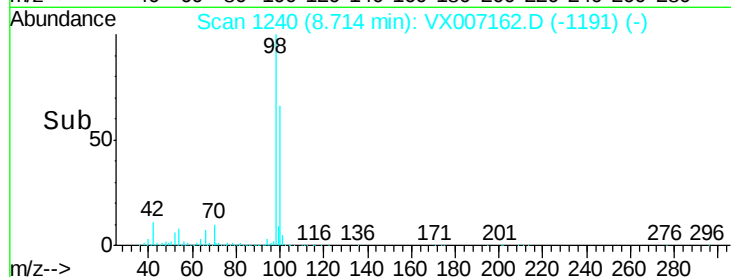
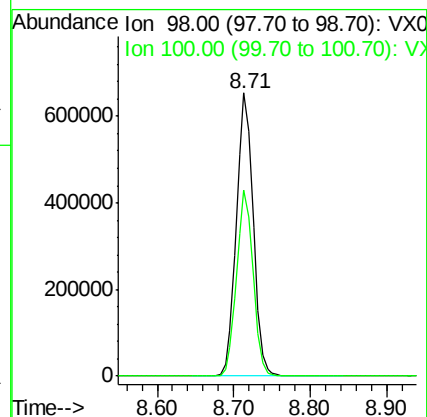
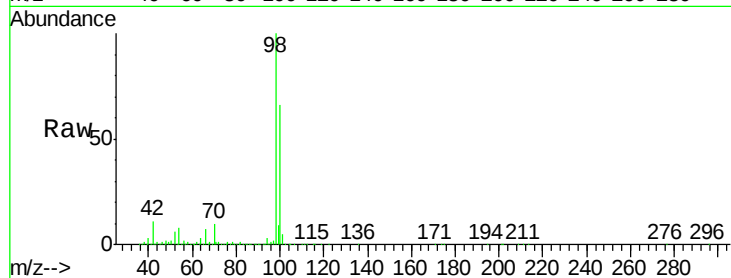
SA-TW518-3337

Tot Ion: 98 Resp: 999119

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 53.004 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007162.D

Acq: 21 Jan 2019 16:41

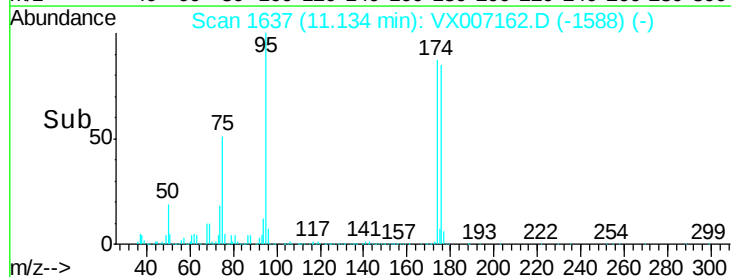
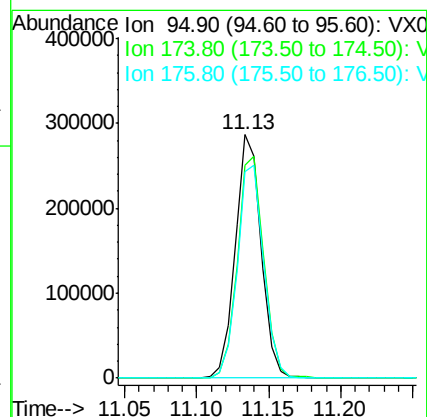
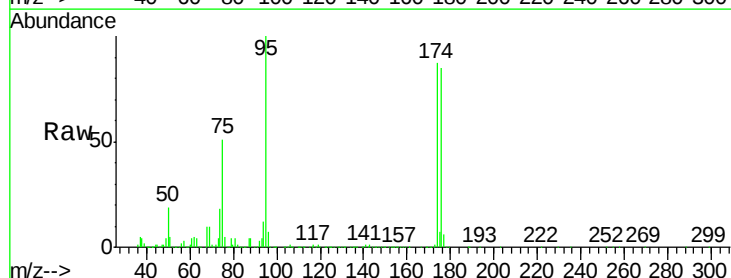
Tgt Ion: 95 Resp: 360981

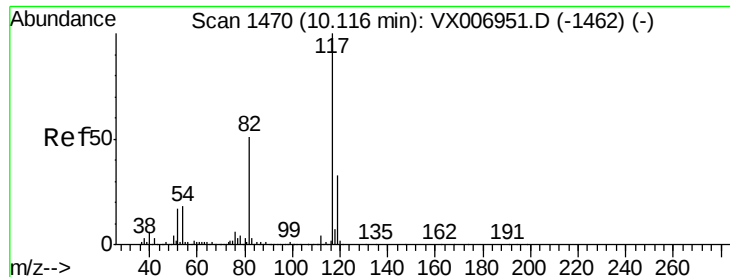
Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

176 89.2 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007162.D

Acq: 21 Jan 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

SA-TW518-3337

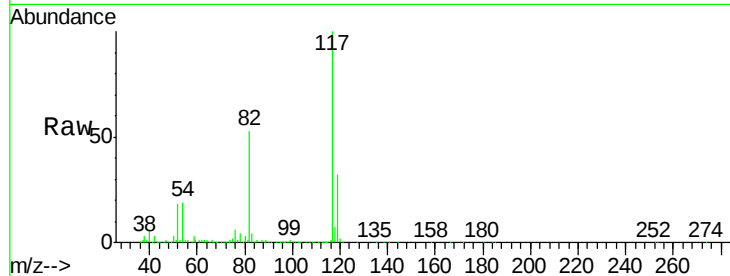
Tot Ion:117 Resp: 791116

Ion Ratio Lower Upper

117 100

82 52.7 41.0 61.6

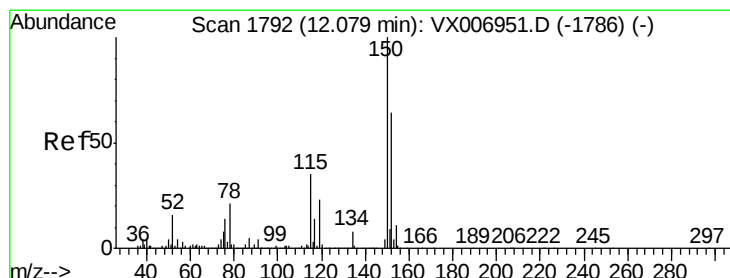
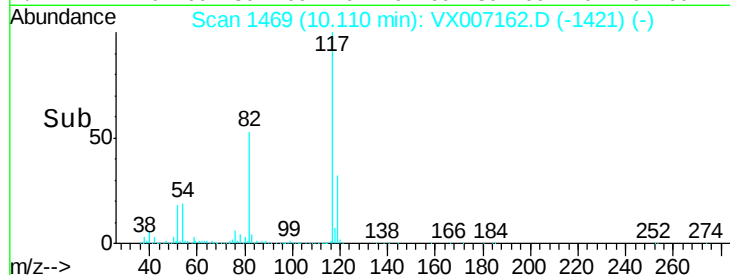
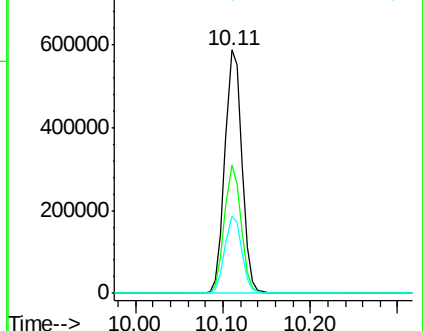
119 31.6 25.4 38.0



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: VX007162.D

Acq: 21 Jan 2019 16:41

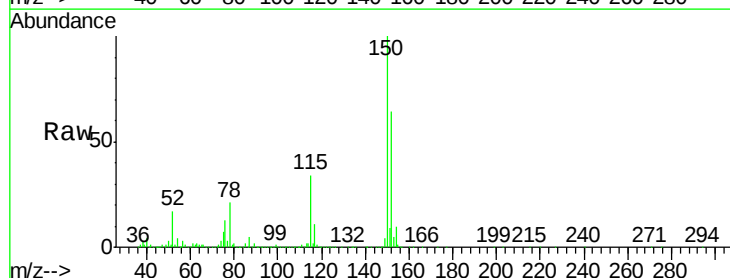
Tgt Ion:152 Resp: 393168

Ion Ratio Lower Upper

152 100

115 55.4 39.1 117.2

150 157.2 0.0 344.8



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

