

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008302.D
 Acq On : 21 Mar 2019 19:57
 Operator : JC/SP
 Sample : K1937-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309I-20190313

Quant Time: Mar 22 09:59:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129567	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	143017	42.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.26%	
35) Dibromofluoromethane	5.50	113	108342	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
50) Toluene-d8	8.71	98	433449	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	11.13	95	139201	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	

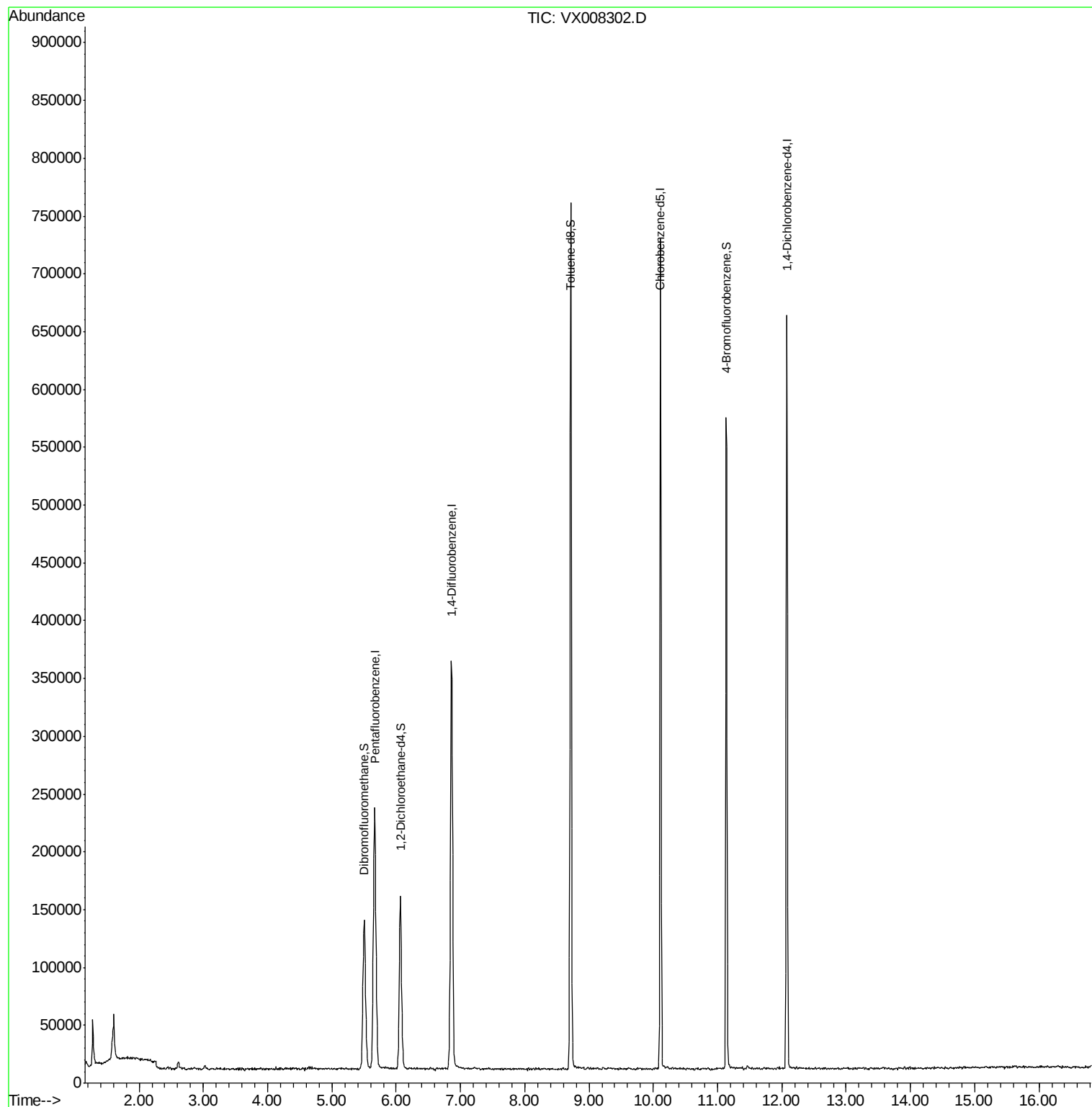
Target Compounds	Qvalue

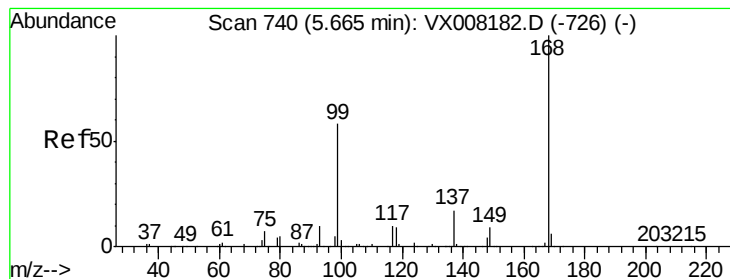
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008302.D

Acq: 21 Mar 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

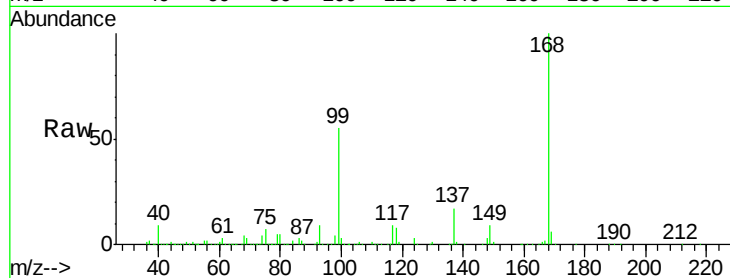
BPS1-TT-MW309I-20190313

Tot Ion:168 Resp: 222753

Ion Ratio Lower Upper

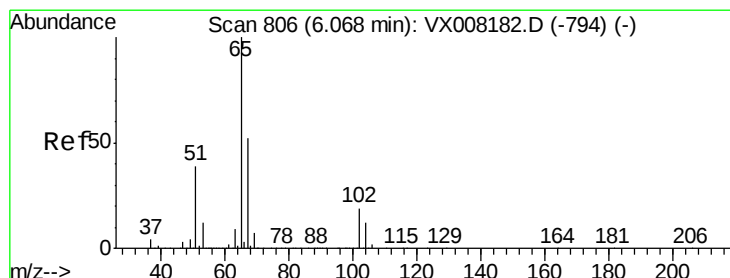
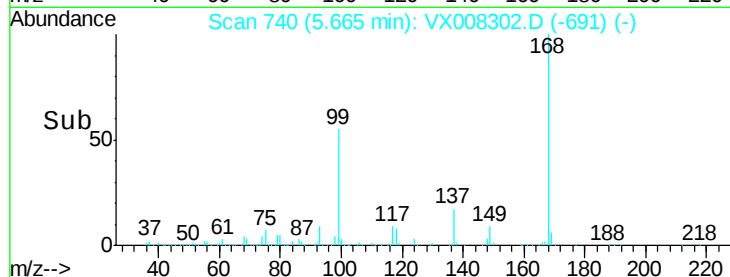
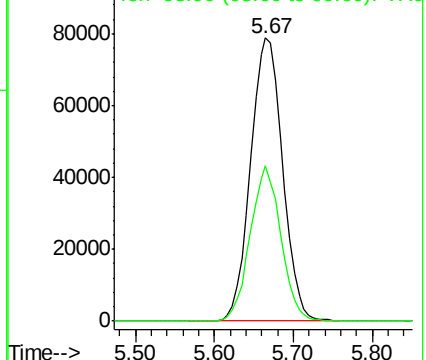
168 100

99 54.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 42.630 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008302.D

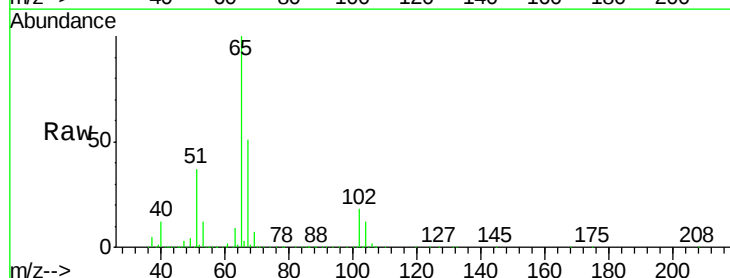
Acq: 21 Mar 2019 19:57

Tgt Ion: 65 Resp: 143017

Ion Ratio Lower Upper

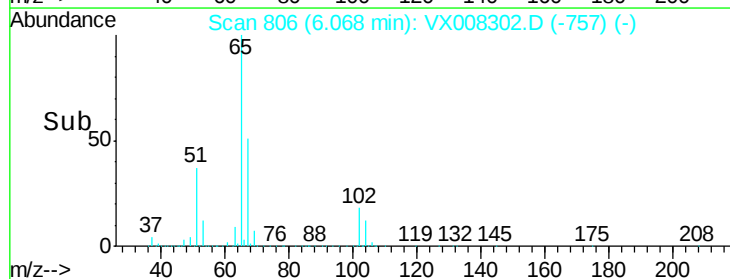
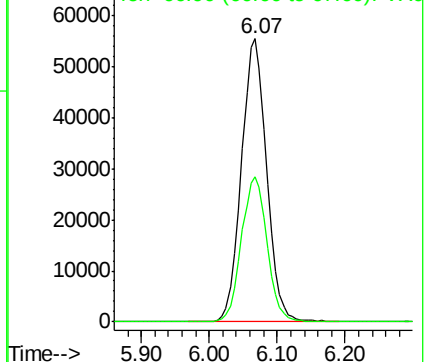
65 100

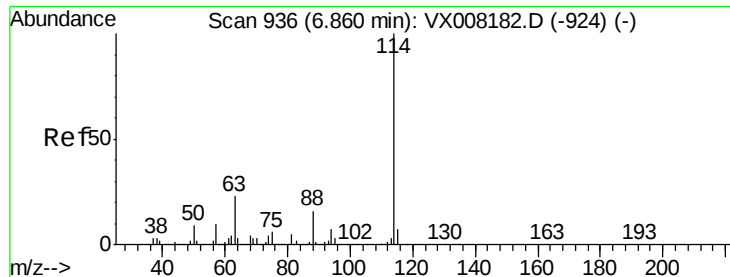
67 52.1 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX008302.D

Acq: 21 Mar 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309I-20190313

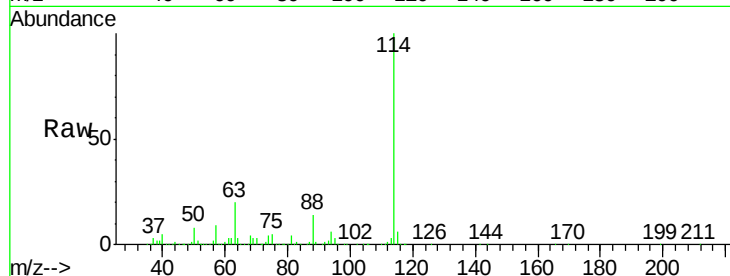
Tot Ion:114 Resp: 354533

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 14.1 0.0 31.4



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

200000

150000

100000

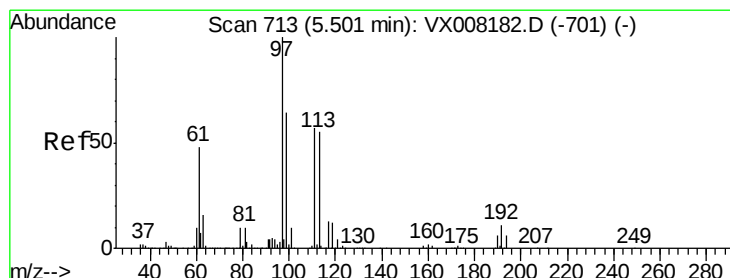
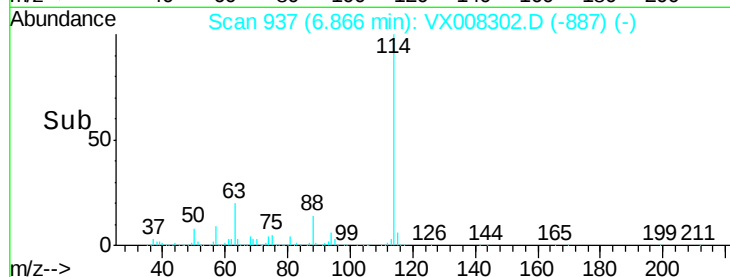
50000

0

6.87

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 45.649 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008302.D

Acq: 21 Mar 2019 19:57

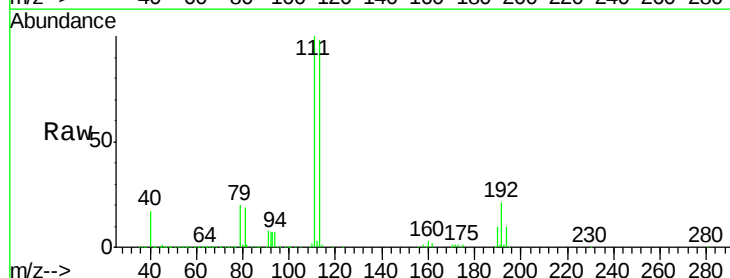
Tgt Ion:113 Resp: 108342

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 22.3 19.4 29.0



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

50000

40000

30000

20000

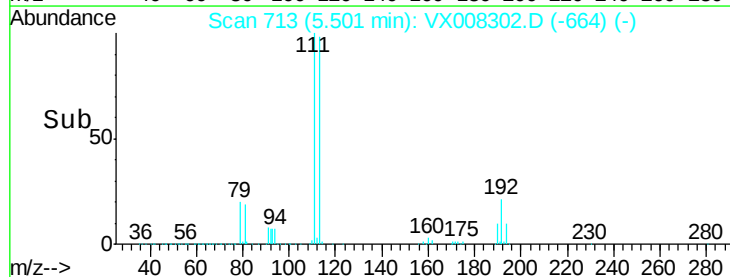
10000

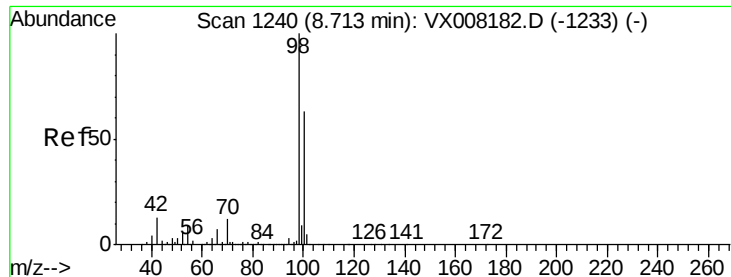
0

5.50

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 48.170 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008302.D

Acq: 21 Mar 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

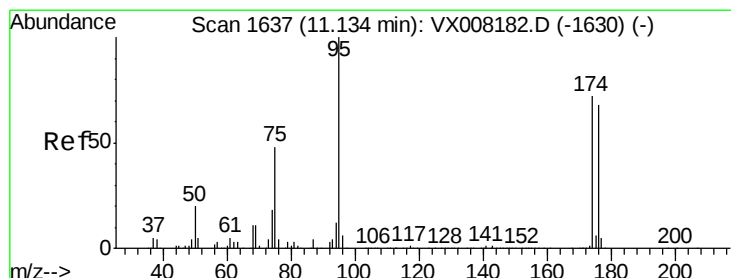
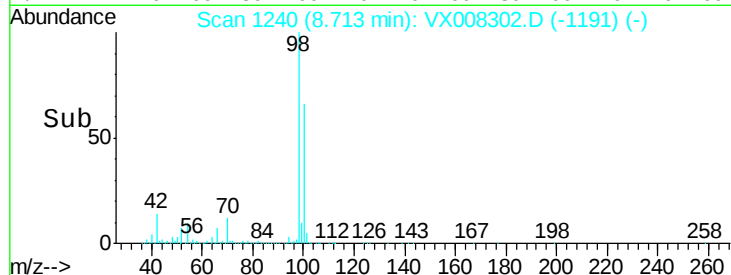
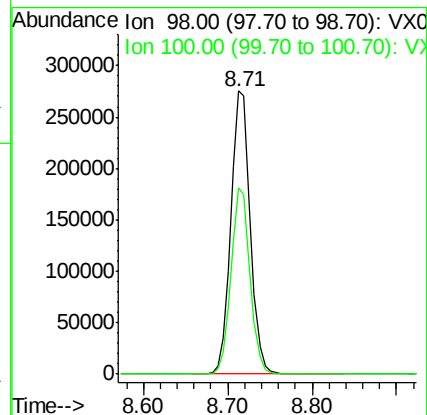
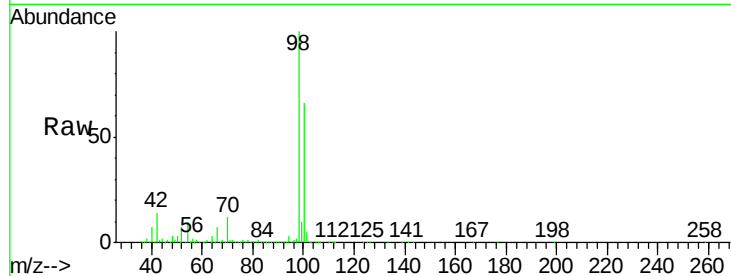
BPS1-TT-MW309I-20190313

Tot Ion: 98 Resp: 433449

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 44.928 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008302.D

Acq: 21 Mar 2019 19:57

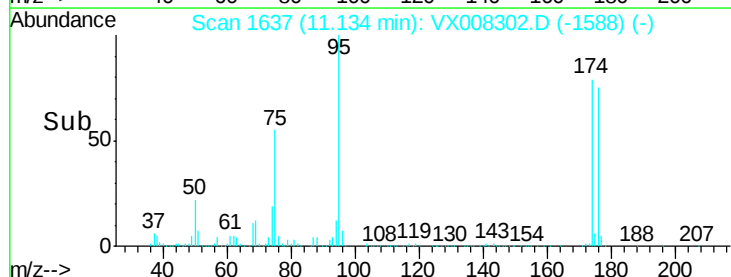
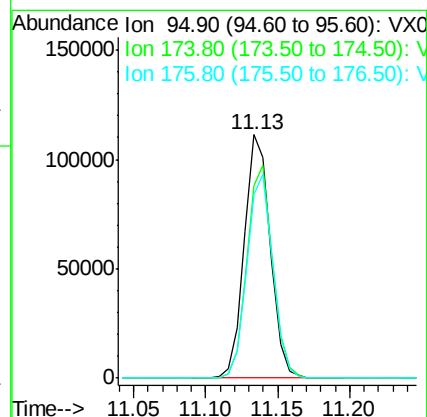
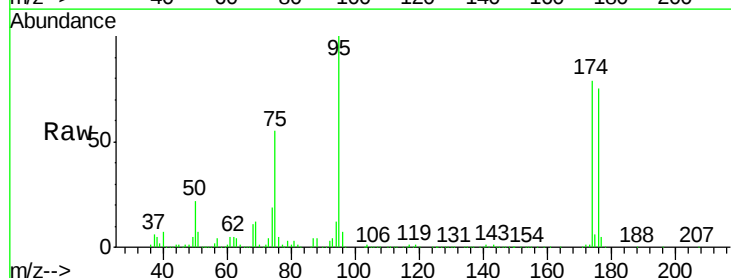
Tgt Ion: 95 Resp: 139201

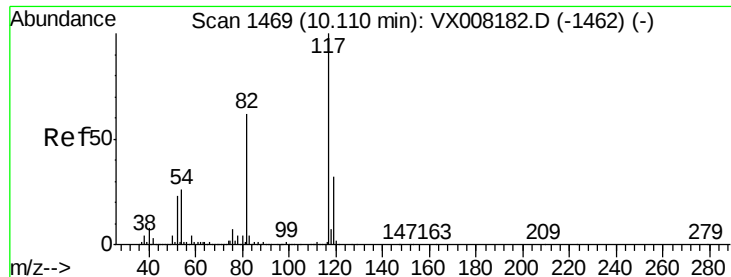
Ion Ratio Lower Upper

95 100

174 86.6 0.0 182.8

176 83.4 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008302.D

Acq: 21 Mar 2019 19:57

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309I-20190313

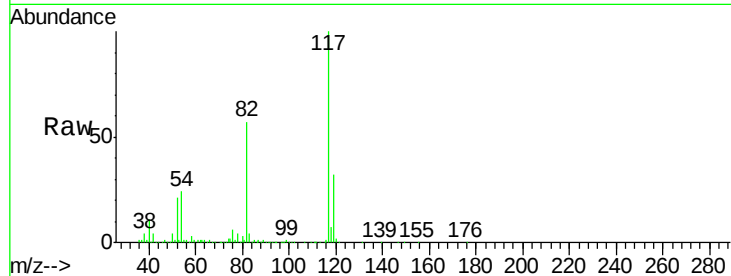
Tot Ion:117 Resp: 314314

Ion Ratio Lower Upper

117 100

82 57.1 44.3 66.5

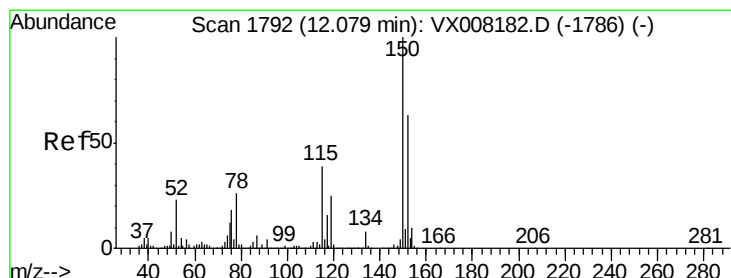
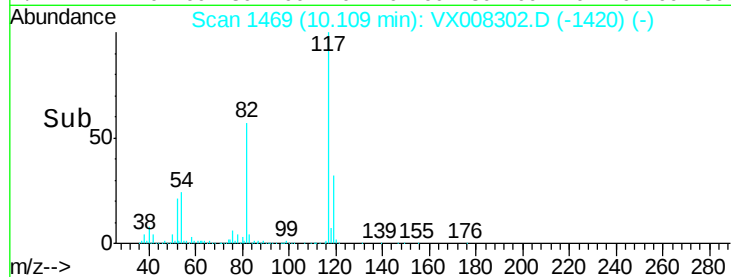
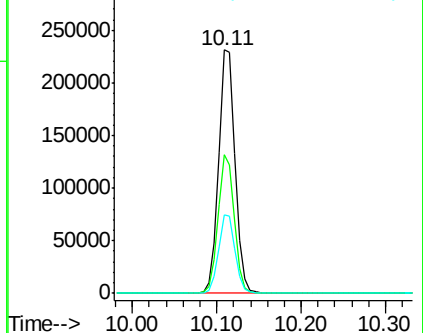
119 32.3 25.3 37.9



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: VX008302.D

Acq: 21 Mar 2019 19:57

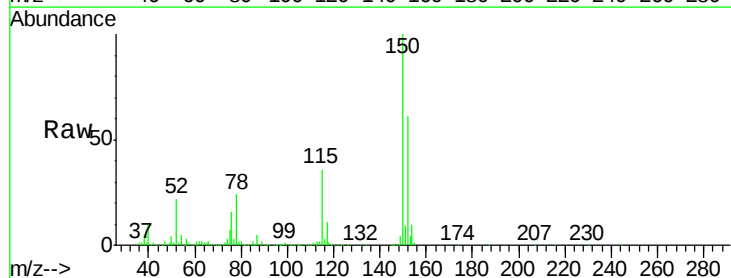
Tgt Ion:152 Resp: 129567

Ion Ratio Lower Upper

152 100

115 58.2 38.6 115.7

150 158.6 0.0 348.4



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

