

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008210.D
 Acq On : 20 Mar 2019 00:18
 Operator : JC/SP
 Sample : K1882-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-EB01-20190312

Quant Time: Mar 20 08:34:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	338490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	544782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	461085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184116	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	233810	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
35) Dibromofluoromethane	5.50	113	171946	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
50) Toluene-d8	8.71	98	676268	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	217519	45.69	ug/l	0.00
Spiked Amount			Recovery	=	91.38%	

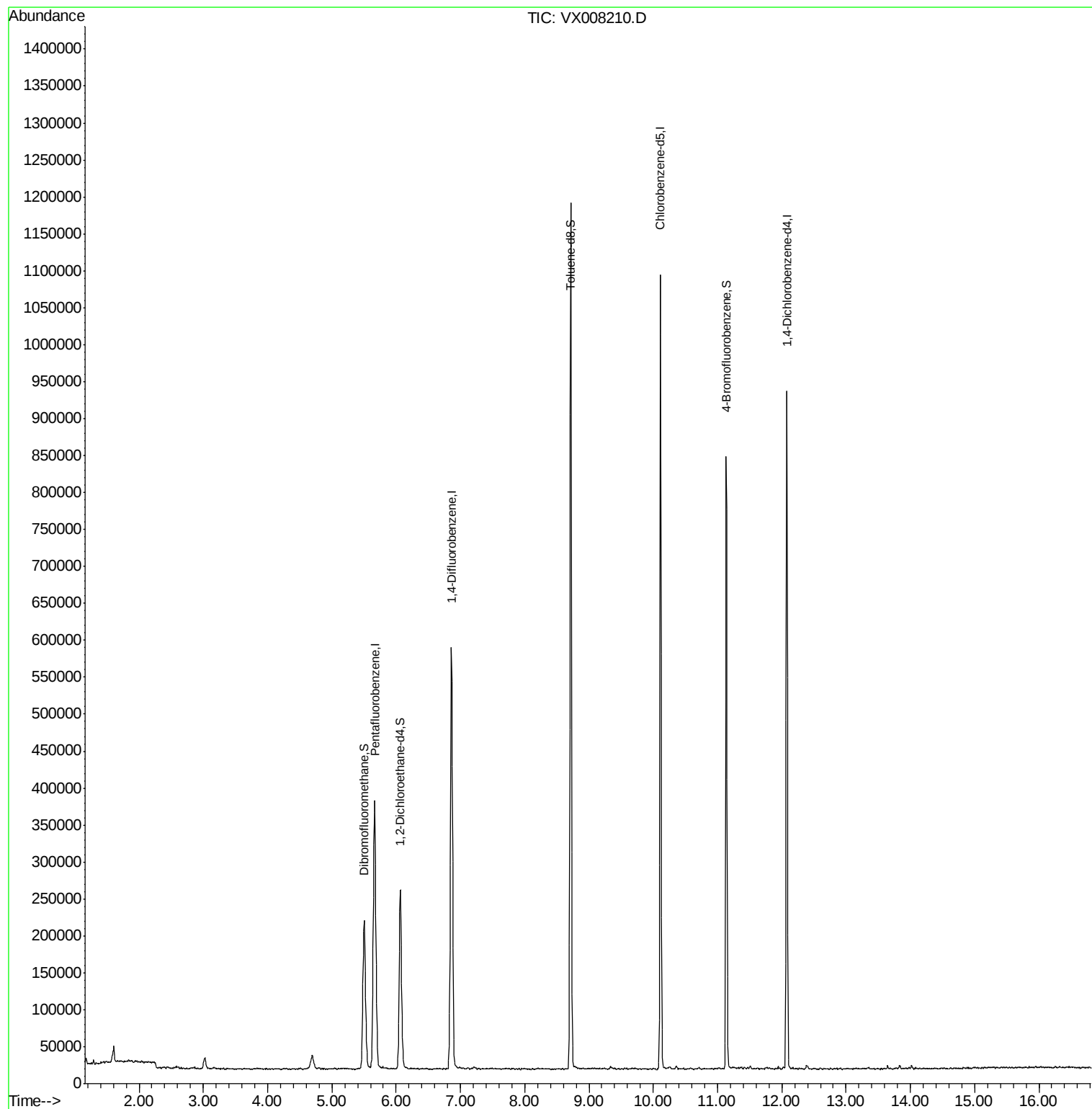
Target Compounds	Qvalue
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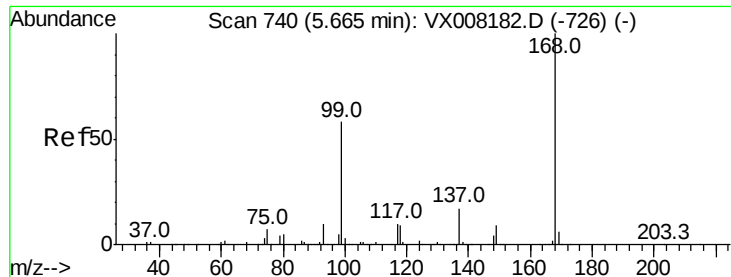
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008210.D

Acq: 20 Mar 2019 00:18

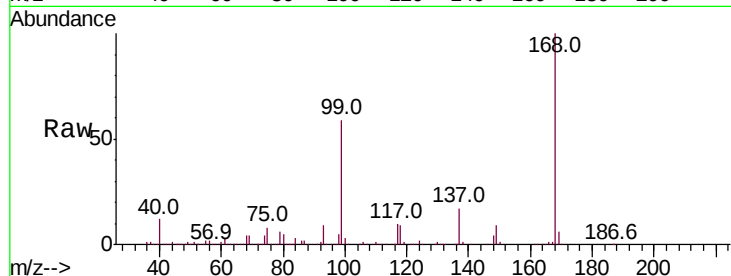
Instrument :
MSVOA_X
ClientSampleId :
BP-EB01-20190312

Tot Ion:168 Resp: 338490

Ion Ratio Lower Upper

168 100

99 58.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): VX008210.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX008210.D (-726) (-)

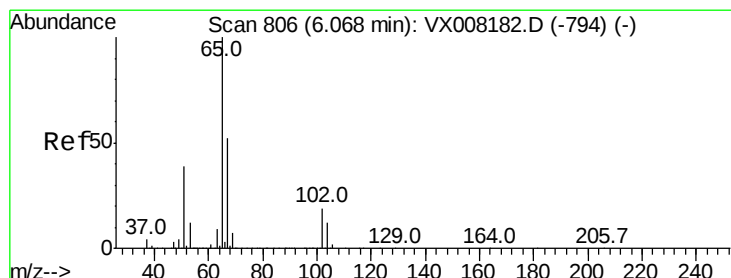
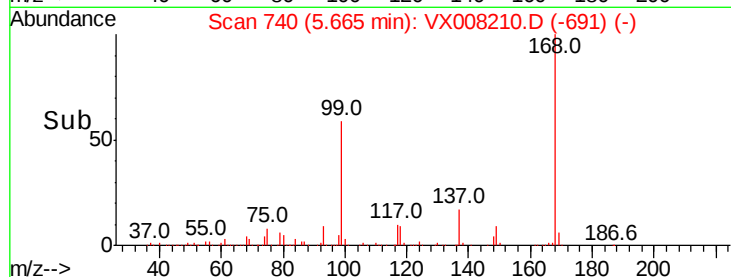
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.863 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008210.D

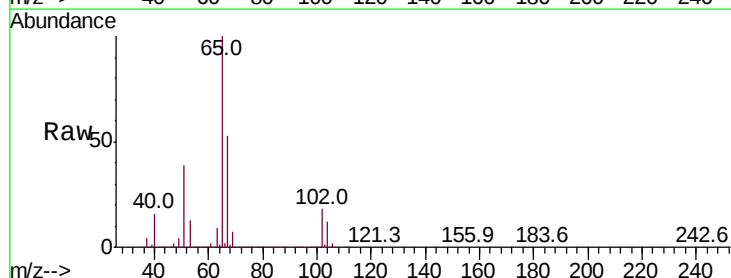
Acq: 20 Mar 2019 00:18

Tgt Ion: 65 Resp: 233810

Ion Ratio Lower Upper

65 100

67 53.0 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX008210.D (-757) (-)

Ion 66.90 (66.60 to 67.60): VX008210.D (-757) (-)

6.06

100000

80000

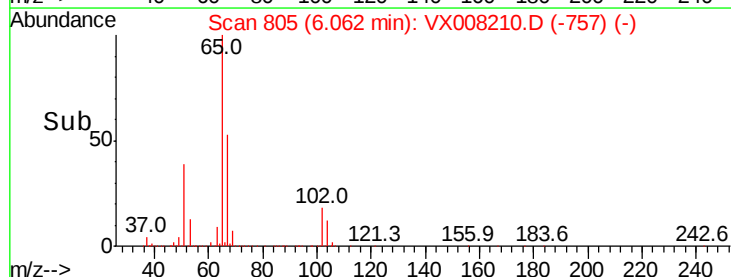
60000

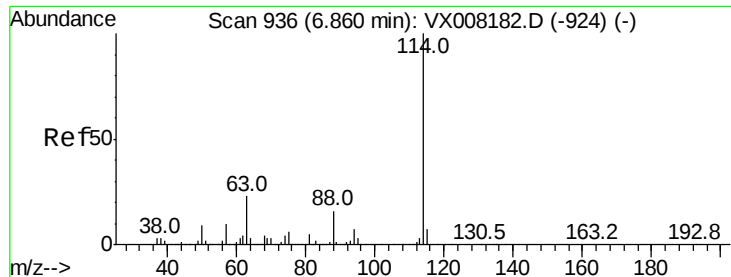
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008210.D

Acq: 20 Mar 2019 00:18

Instrument :
MSVOA_X
ClientSampleId :
BP-EB01-20190312

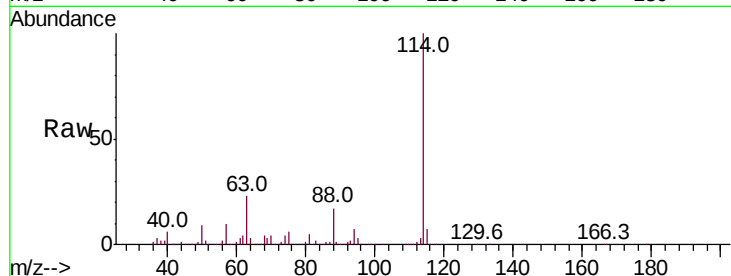
Tot Ion:114 Resp: 544782

Ion Ratio Lower Upper

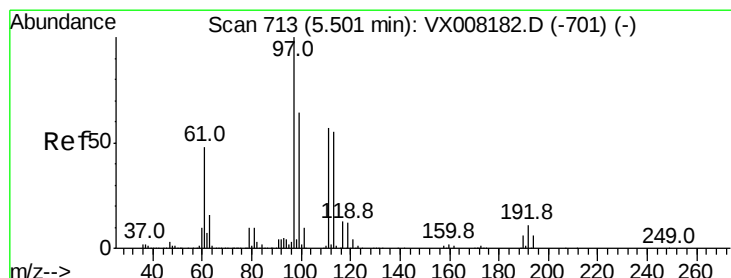
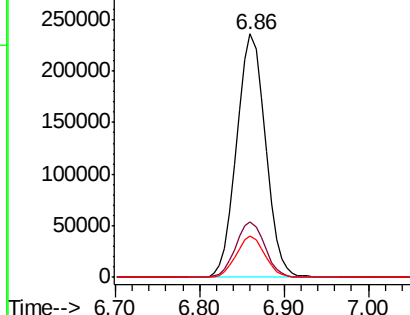
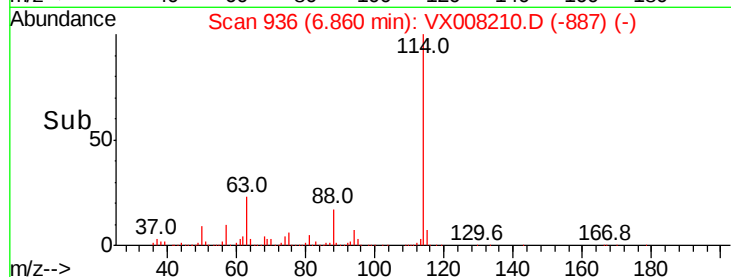
114 100

63 22.6 0.0 39.8

88 16.8 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



#35

Dibromofluoromethane

Concen: 47.148 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008210.D

Acq: 20 Mar 2019 00:18

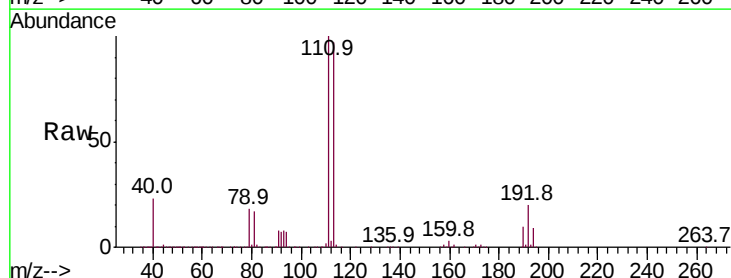
Tgt Ion:113 Resp: 171946

Ion Ratio Lower Upper

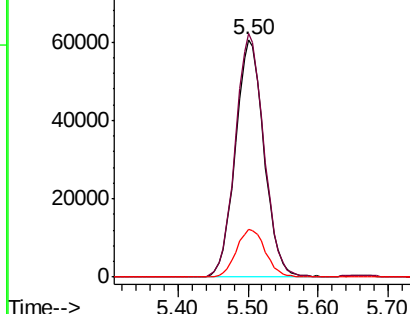
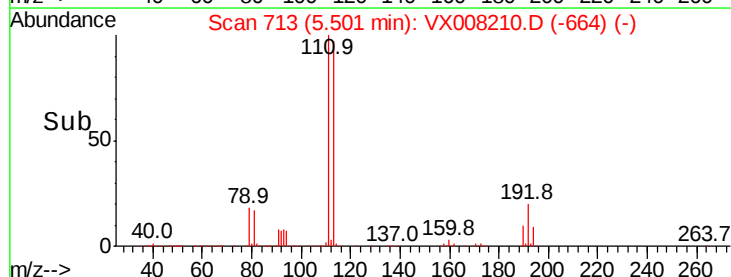
113 100

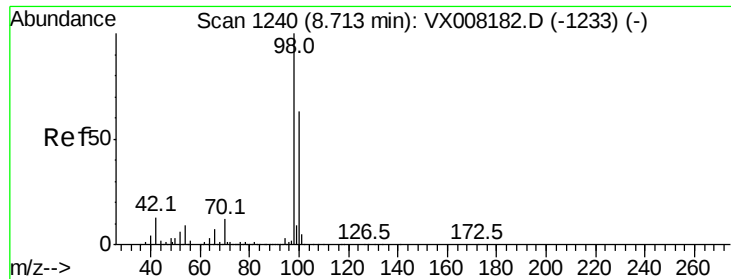
111 102.5 81.4 122.0

192 20.5 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





#50

Toluene-d8

Concen: 48.910 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008210.D

Acq: 20 Mar 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

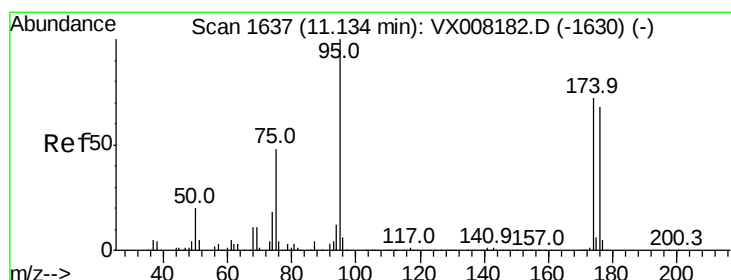
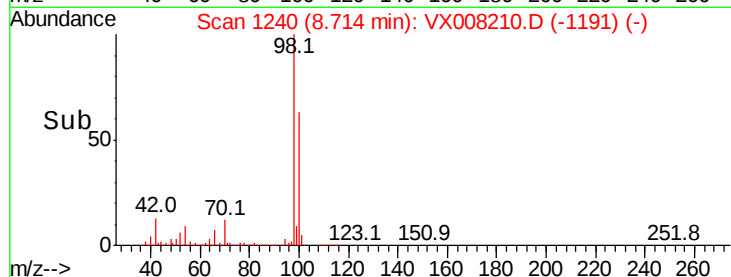
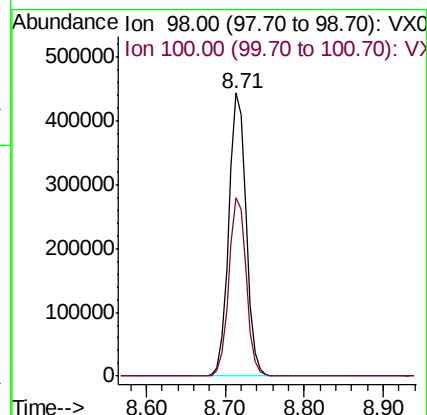
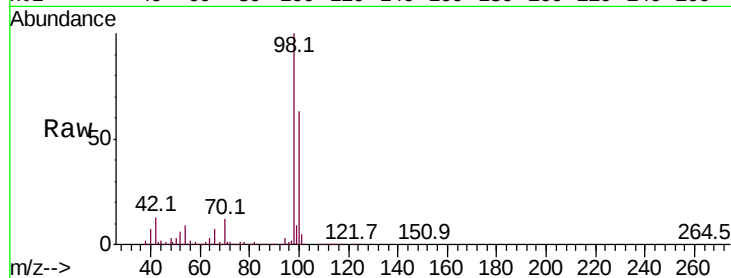
BP-EB01-20190312

Tot Ion: 98 Resp: 676268

Ion Ratio Lower Upper

98 100

100 63.1 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.689 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008210.D

Acq: 20 Mar 2019 00:18

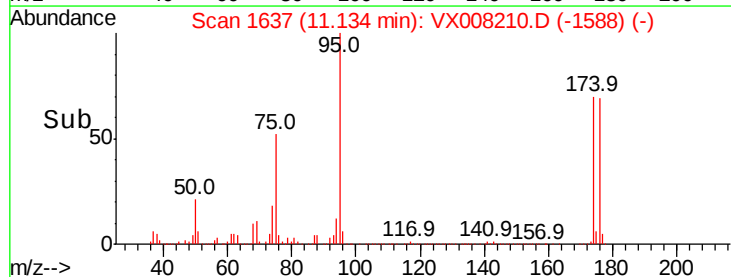
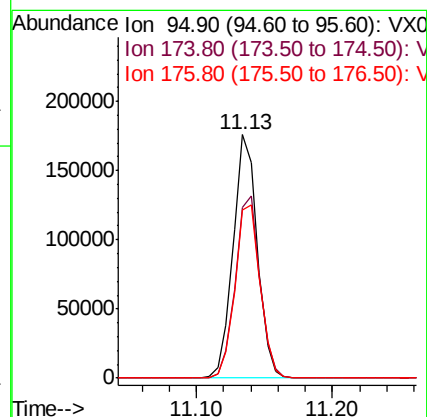
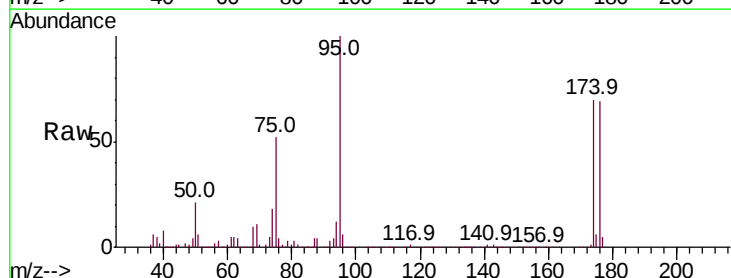
Tgt Ion: 95 Resp: 217519

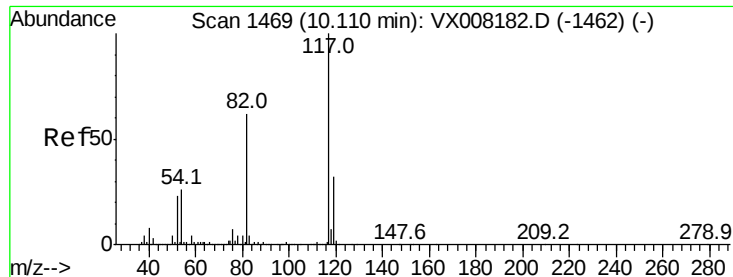
Ion Ratio Lower Upper

95 100

174 76.3 0.0 182.8

176 74.2 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: VX008210.D

Acq: 20 Mar 2019 00:18

Instrument :

MSVOA_X

ClientSampleId :

BP-EB01-20190312

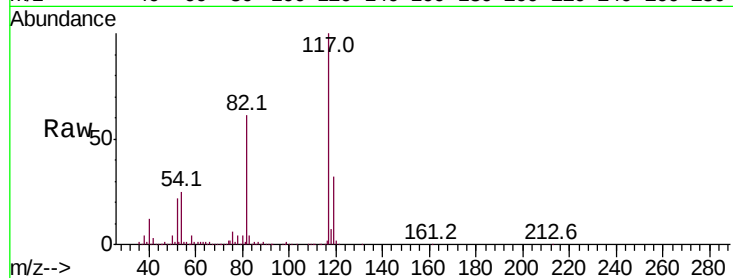
Tot Ion:117 Resp: 461085

Ion Ratio Lower Upper

117 100

82 61.0 44.3 66.5

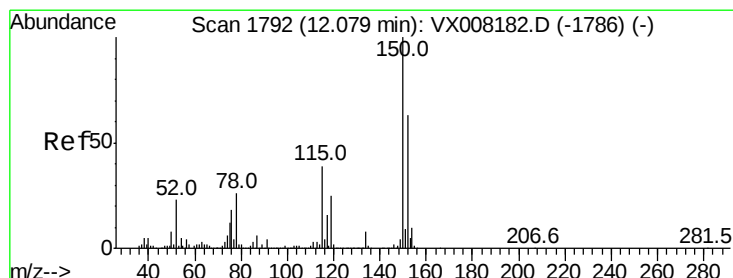
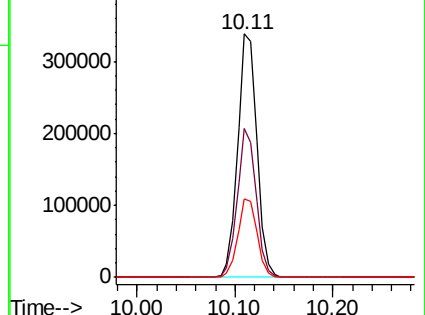
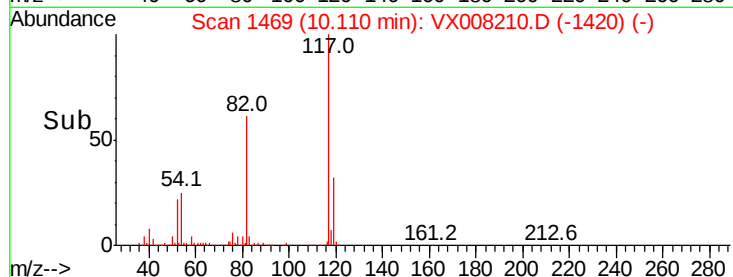
119 32.2 25.3 37.9



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: VX008210.D

Acq: 20 Mar 2019 00:18

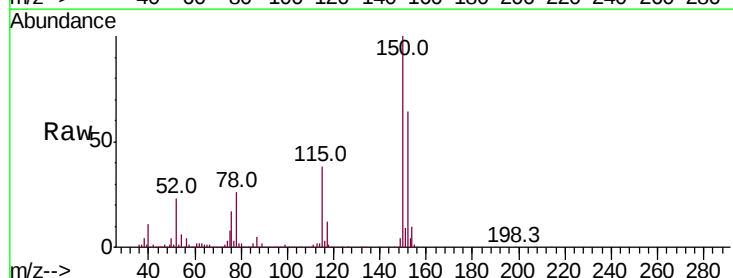
Tgt Ion:152 Resp: 184116

Ion Ratio Lower Upper

152 100

115 61.0 38.6 115.7

150 156.4 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

