

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\
 Data File : VX008567.D
 Acq On : 01 Apr 2019 14:37
 Operator : JC/SP
 Sample : K2189-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201R-GW-798-800

Quant Time: Apr 02 01:48:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	233921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141619	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	162635	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
35) Dibromofluoromethane	5.50	113	119201	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
50) Toluene-d8	8.71	98	490230	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.13	95	166158	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	

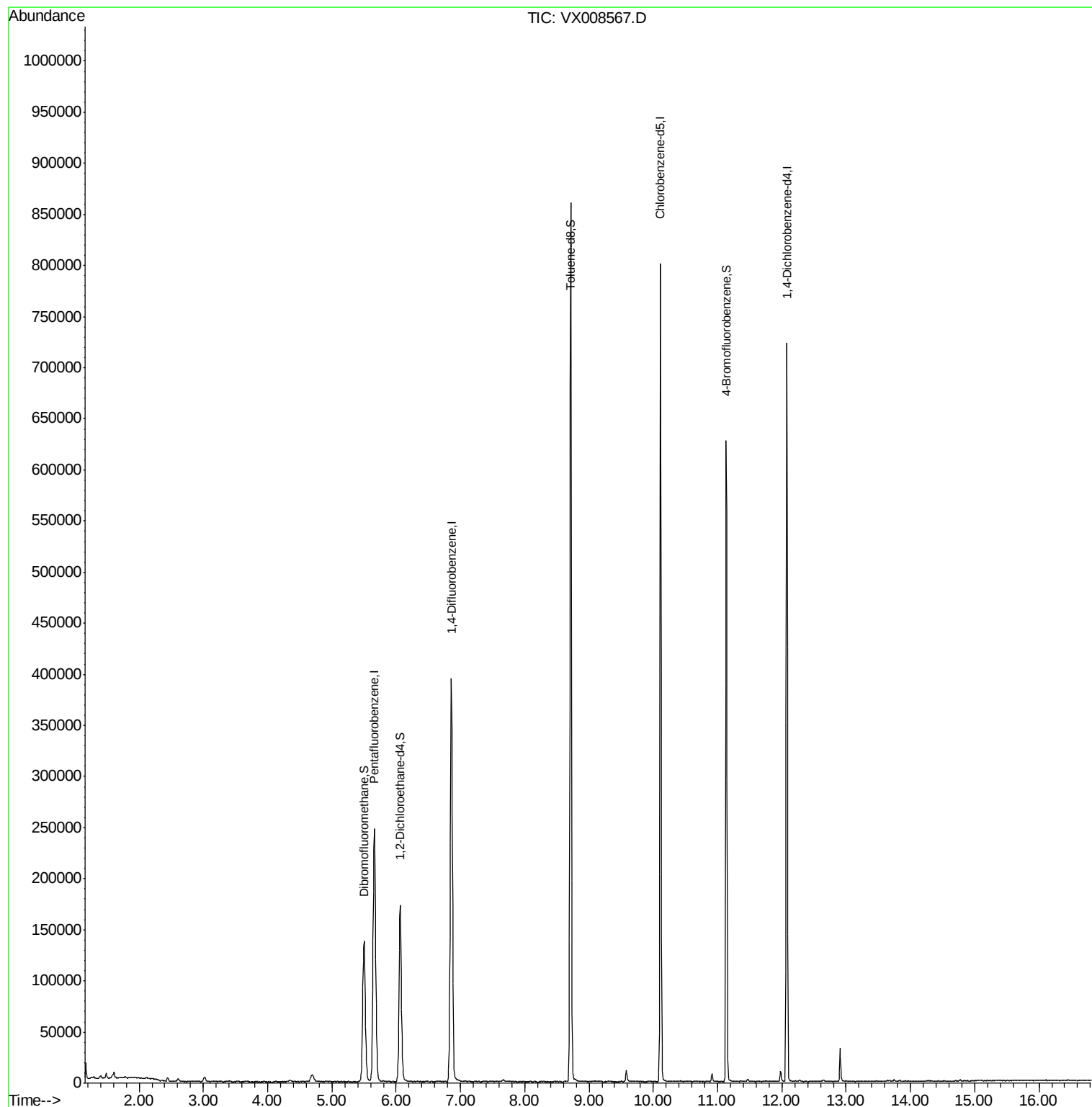
Target Compounds	Qvalue

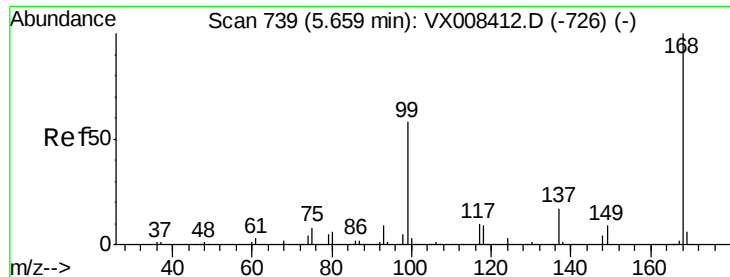
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008567.D

Acq: 01 Apr 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

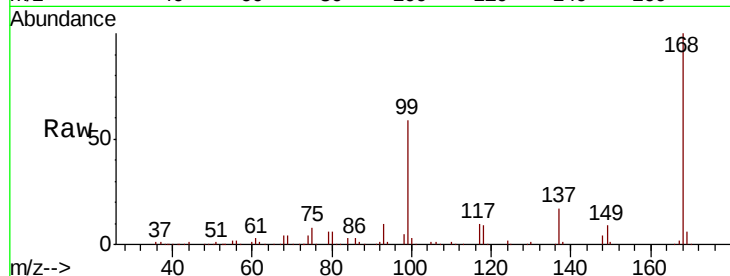
BP-VPB201R-GW-798-800

Tot Ion:168 Resp: 233921

Ion Ratio Lower Upper

168 100

99 58.8 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): VX008412.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX008412.D (-726) (-)

5.66

80000

60000

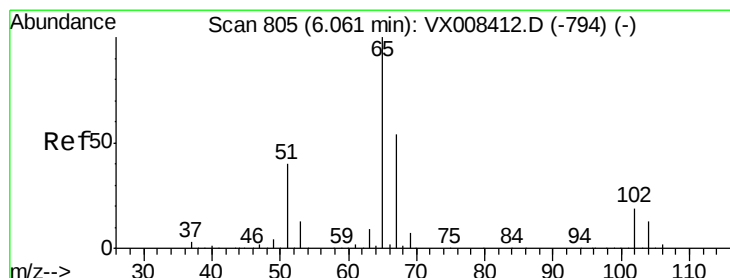
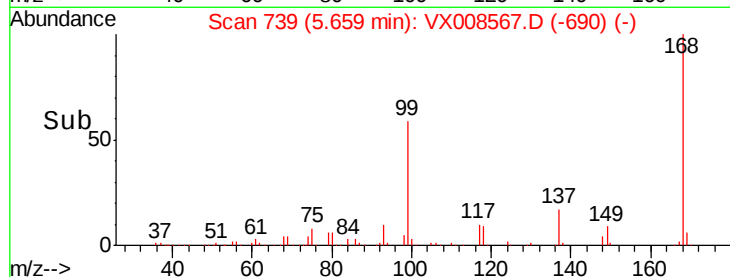
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 45.860 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008567.D

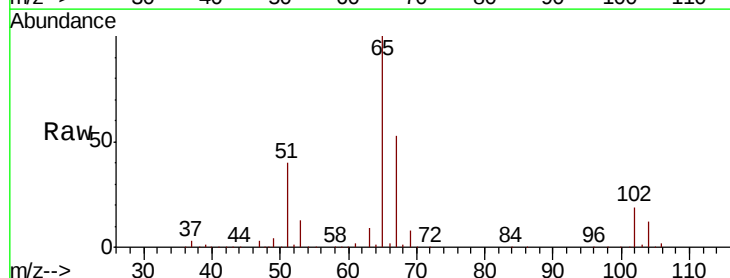
Acq: 01 Apr 2019 14:37

Tgt Ion: 65 Resp: 162635

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VX008412.D (-794) (-)

Ion 66.90 (66.60 to 67.60): VX008412.D (-794) (-)

6.06

60000

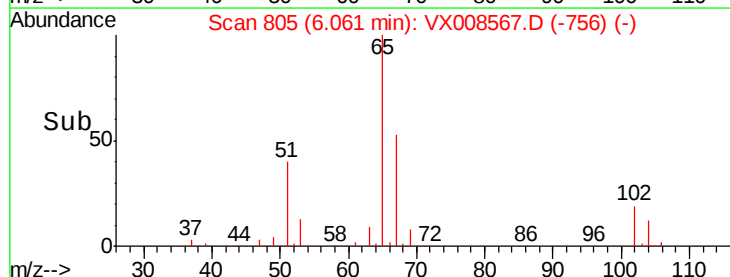
40000

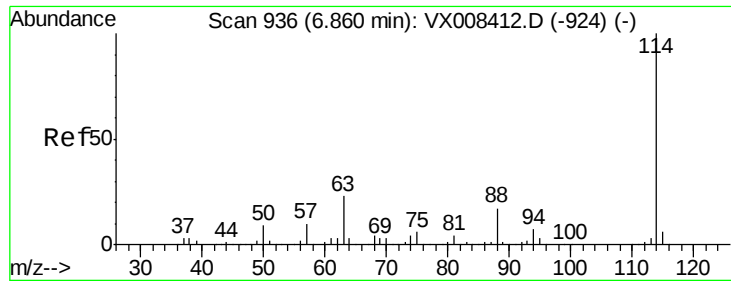
20000

0

Time-->

5.90 6.00 6.10 6.20

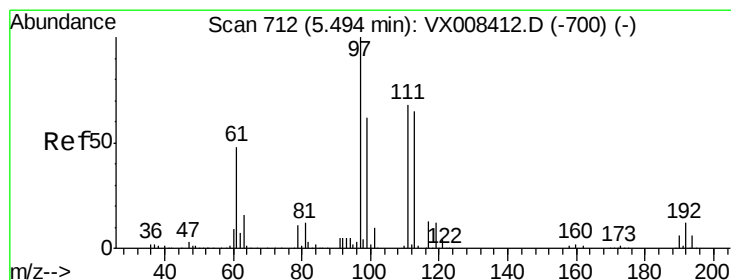
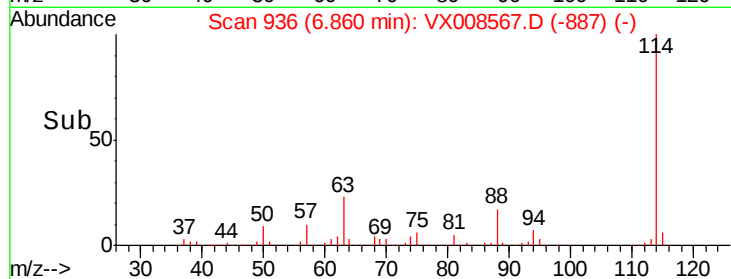
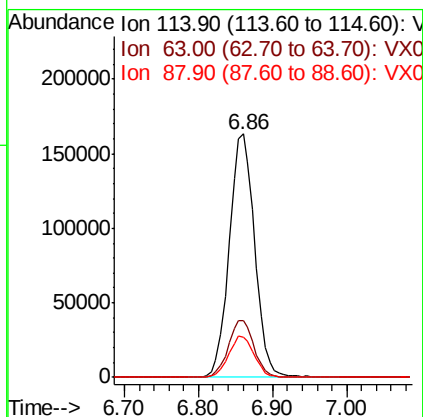
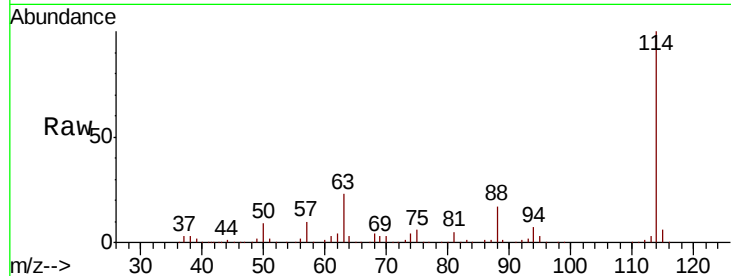




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008567.D
Acq: 01 Apr 2019 14:37

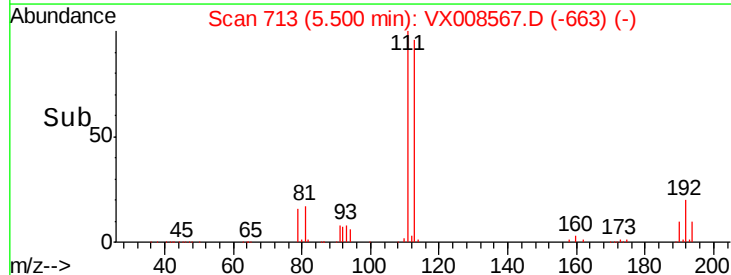
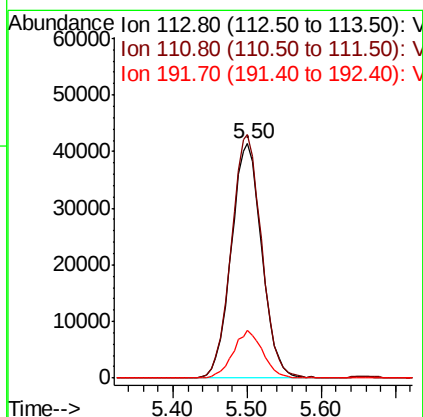
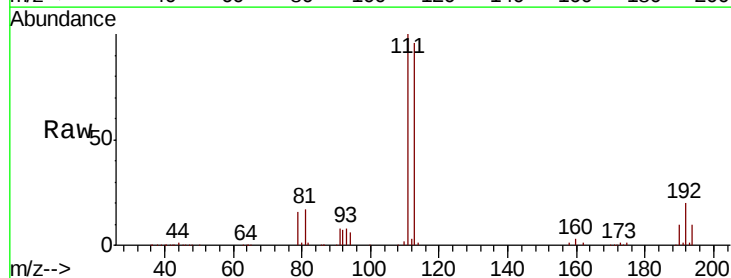
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-798-800

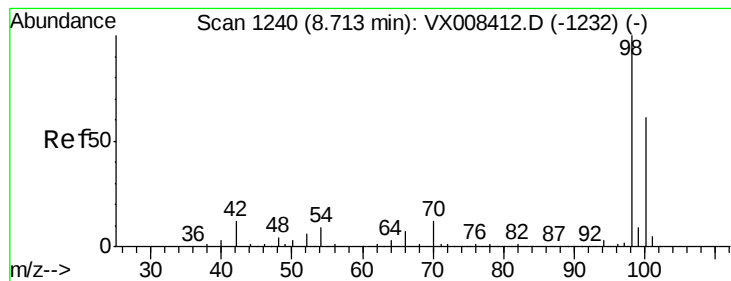
Tot Ion:114 Resp: 390114
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.4
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.861 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008567.D
Acq: 01 Apr 2019 14:37

Tgt Ion:113 Resp: 119201
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 19.7 15.6 23.4





#50

Toluene-d8

Concen: 48.197 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008567.D

Acq: 01 Apr 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

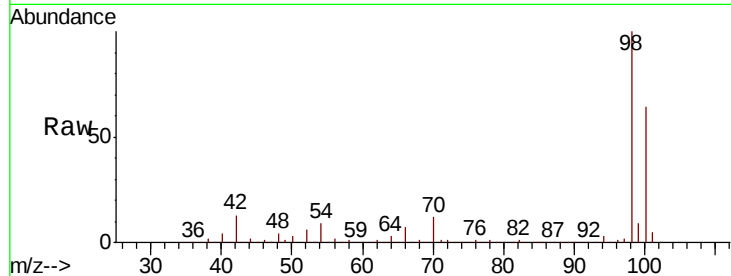
BP-VPB201R-GW-798-800

Tot Ion: 98 Resp: 490230

Ion Ratio Lower Upper

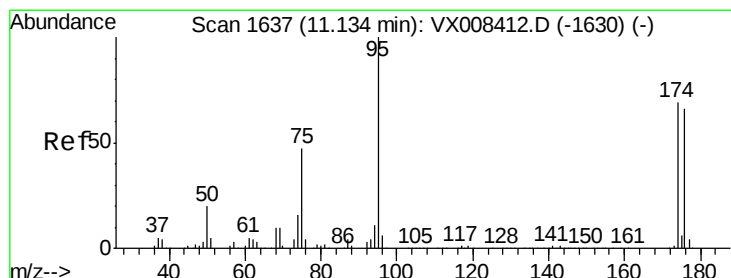
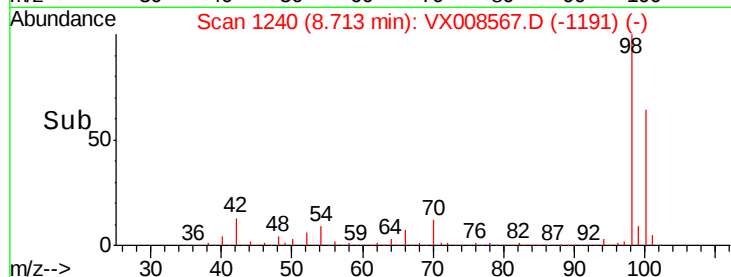
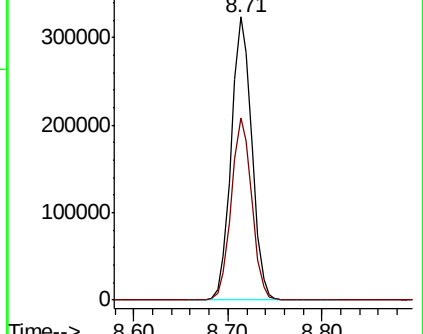
98 100

100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.084 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008567.D

Acq: 01 Apr 2019 14:37

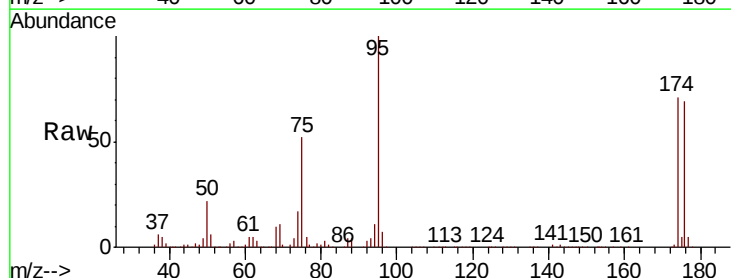
Tgt Ion: 95 Resp: 166158

Ion Ratio Lower Upper

95 100

174 74.6 0.0 147.2

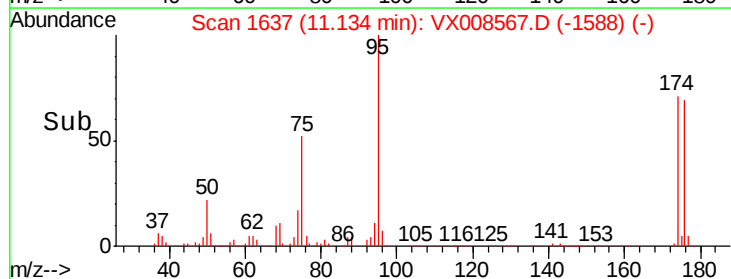
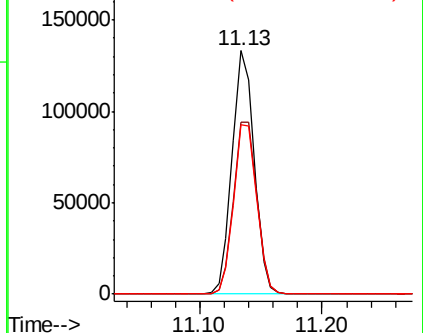
176 72.7 0.0 142.4

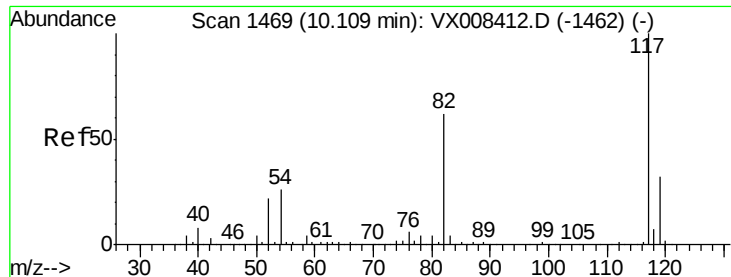


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

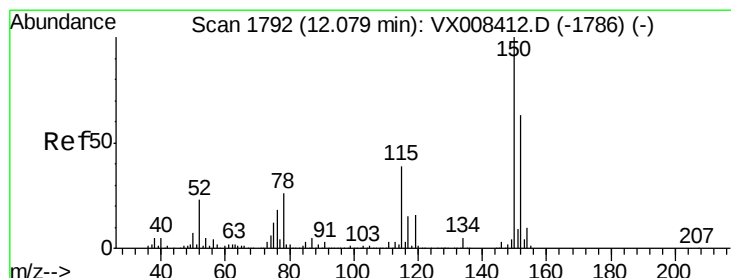
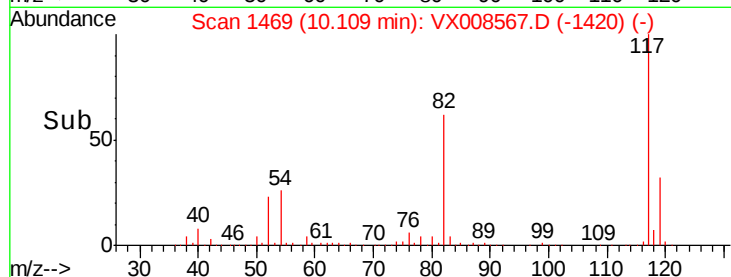
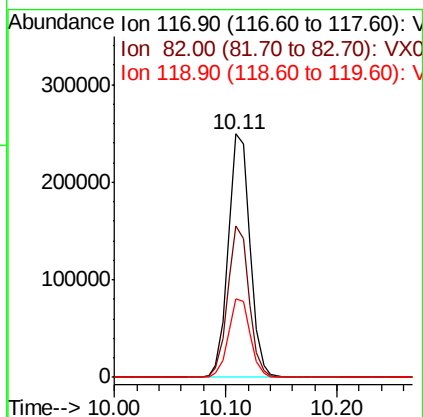
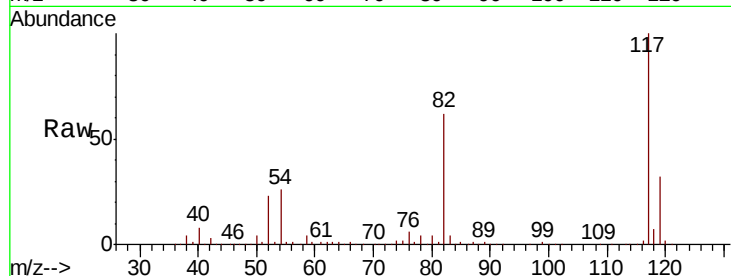




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008567.D
Acq: 01 Apr 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201R-GW-798-800

Tot Ion:117 Resp: 336960
Ion Ratio Lower Upper
117 100
82 62.4 49.4 74.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008567.D
Acq: 01 Apr 2019 14:37

Tgt Ion:152 Resp: 141619
Ion Ratio Lower Upper
152 100
115 61.3 43.5 130.5
150 156.8 0.0 348.8

