

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011478.D
 Acq On : 12 Aug 2019 13:09
 Operator : JC/SP
 Sample : K4298-03 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-803-805

Quant Time: Aug 13 08:07:52 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	191772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116823	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	105427	54.59	ug/l	0.00
Spiked Amount			Recovery	=	109.18%	
35) Dibromofluoromethane	5.49	113	88241	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
50) Toluene-d8	8.71	98	335558	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.13	95	110428	43.96	ug/l	0.00
Spiked Amount			Recovery	=	87.92%	

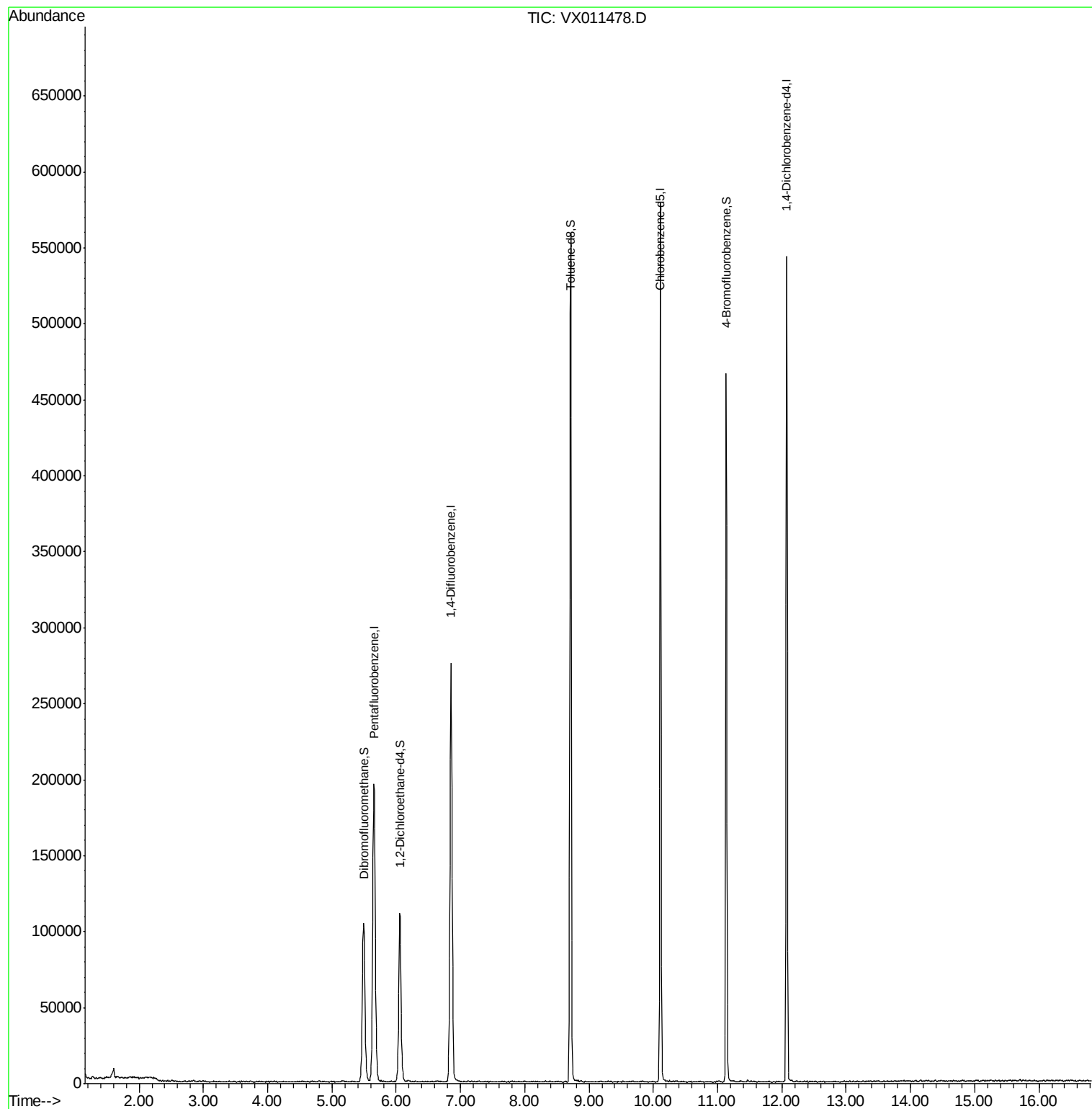
Target Compounds	Qvalue
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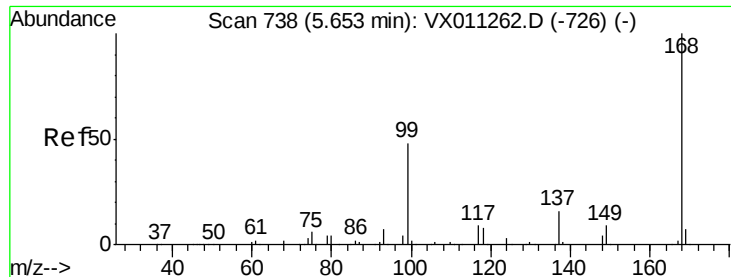
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
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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: VX011478.D

Acq: 12 Aug 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

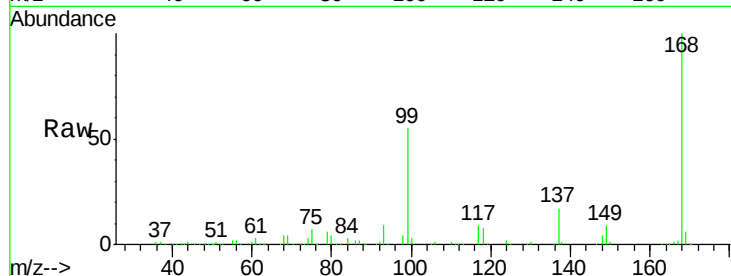
BP-VPB203-GW-803-805

Tot Ion:168 Resp: 191772

Ion Ratio Lower Upper

168 100

99 55.3 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

80000

60000

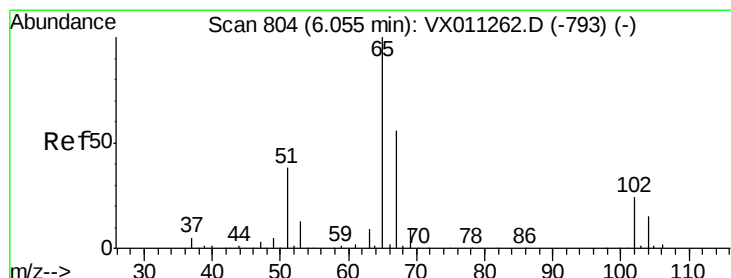
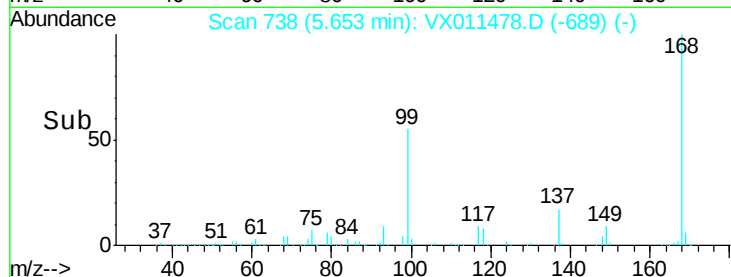
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.590 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011478.D

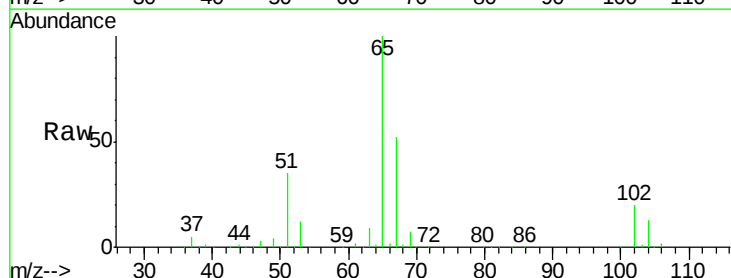
Acq: 12 Aug 2019 13:09

Tgt Ion: 65 Resp: 105427

Ion Ratio Lower Upper

65 100

67 52.9 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

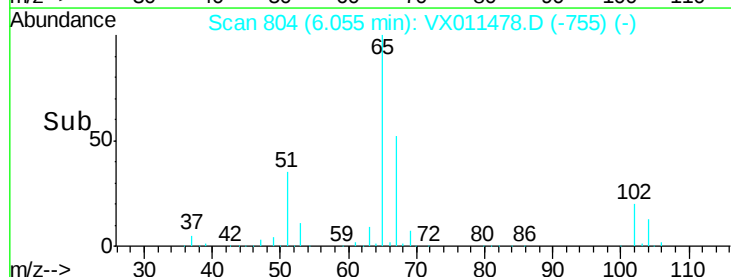
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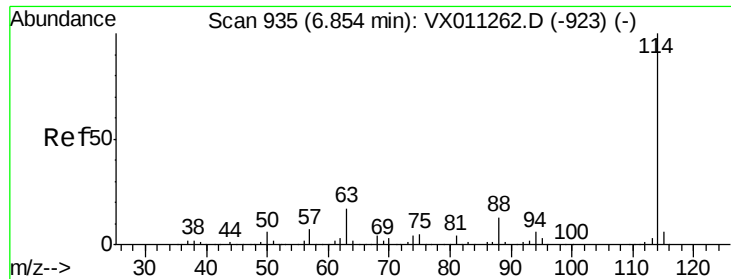
10000

0

Time-->

5.90 6.00 6.10 6.20

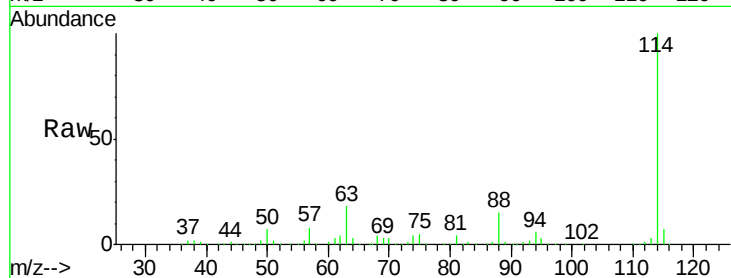




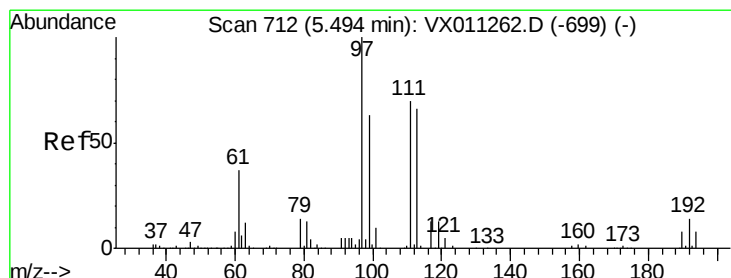
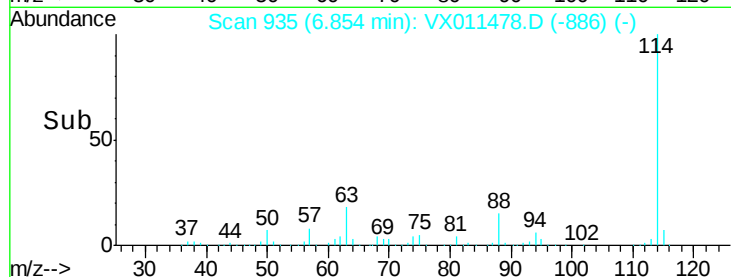
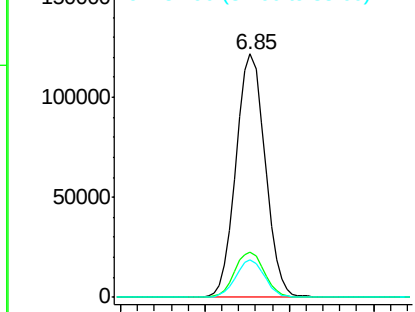
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011478.D
 Acq: 12 Aug 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-803-805

Tot Ion:114 Resp: 285478
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.0
 88 15.2 0.0 26.4

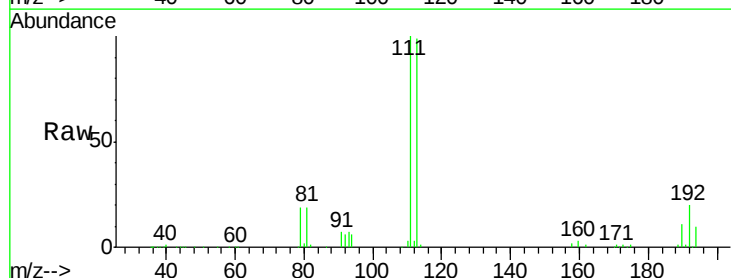


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

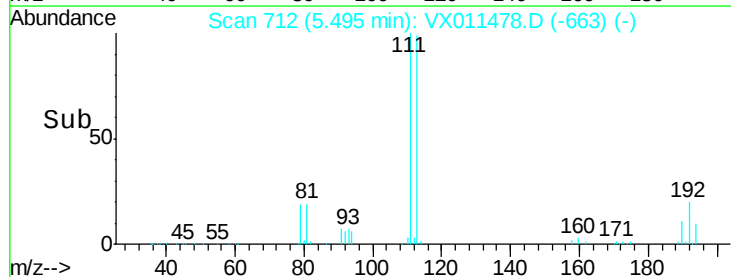
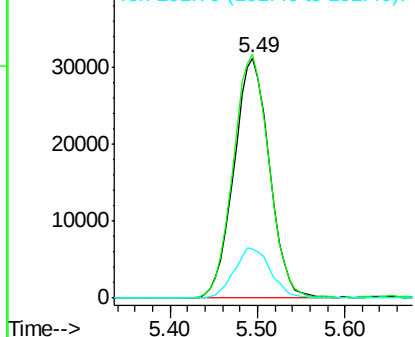


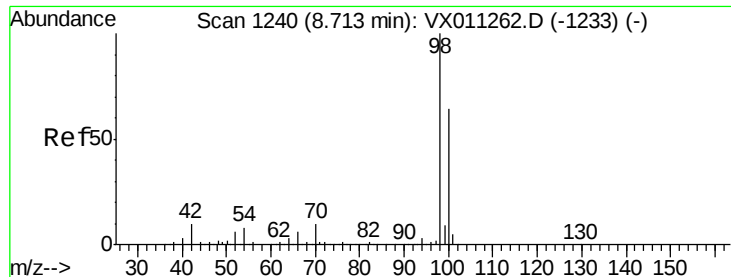
#35
 Dibromofluoromethane
 Concen: 47.344 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011478.D
 Acq: 12 Aug 2019 13:09

Tgt Ion:113 Resp: 88241
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 21.4 17.8 26.8



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: 47.696 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011478.D

Acq: 12 Aug 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

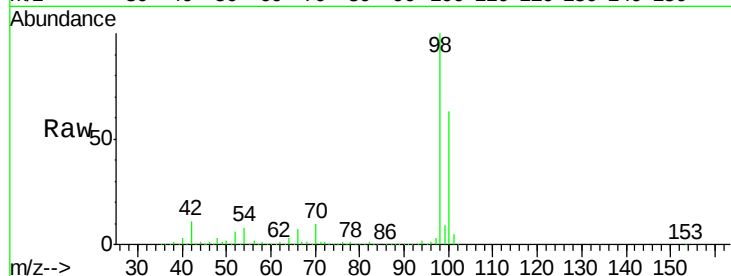
BP-VPB203-GW-803-805

Tot Ion: 98 Resp: 335558

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

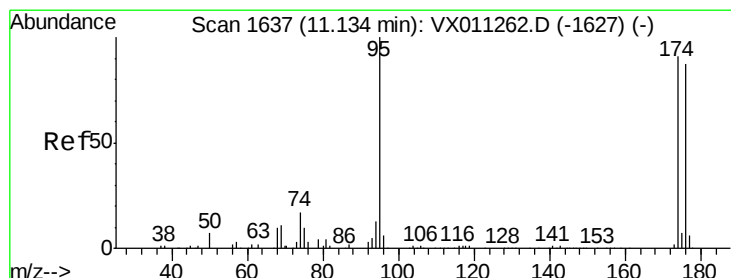
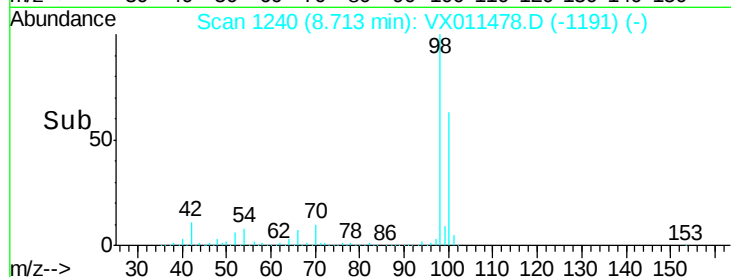
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 43.963 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011478.D

Acq: 12 Aug 2019 13:09

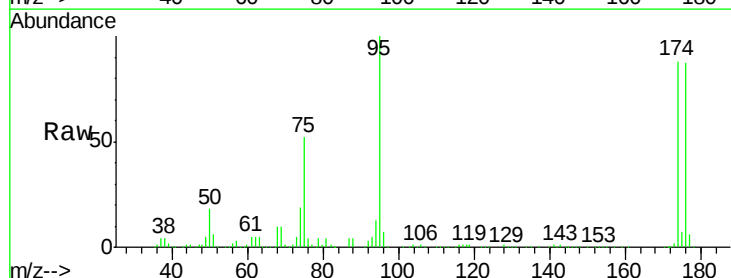
Tgt Ion: 95 Resp: 110428

Ion Ratio Lower Upper

95 100

174 90.1 0.0 191.2

176 88.5 0.0 184.8



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

120000

100000

80000

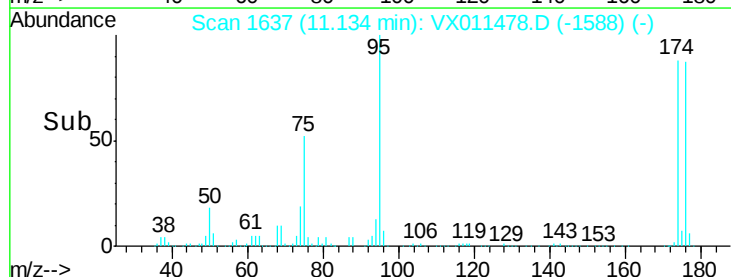
60000

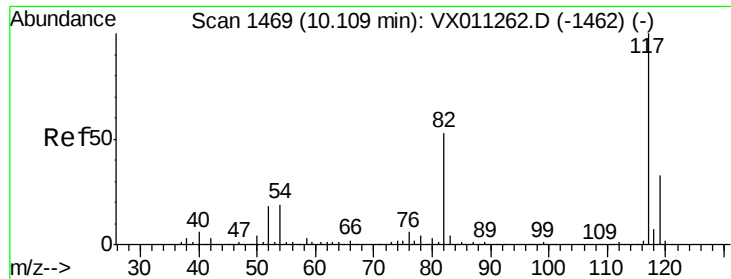
40000

20000

0

Time--> 11.10 11.20

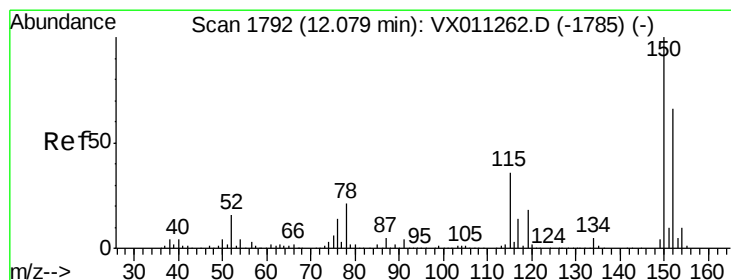
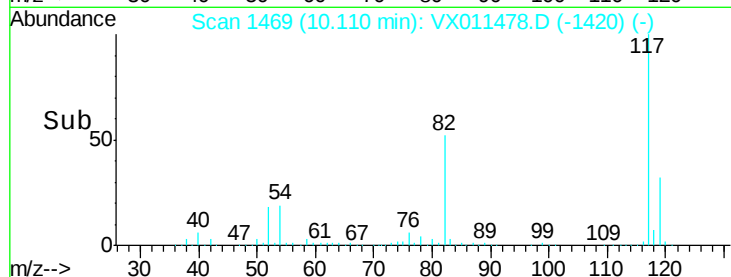
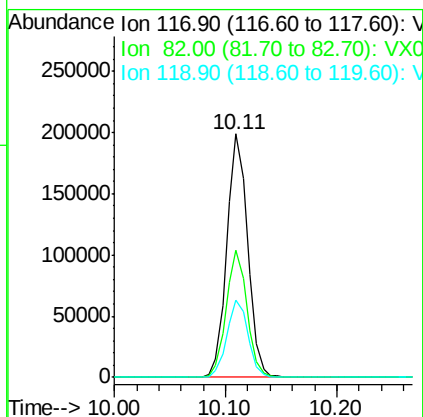
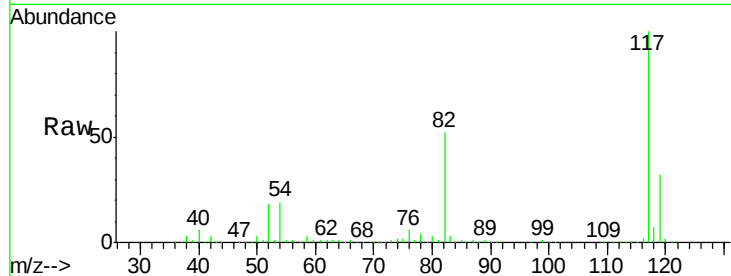




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011478.D
Acq: 12 Aug 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-GW-803-805

Tot Ion:117 Resp: 258205
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011478.D
Acq: 12 Aug 2019 13:09

Tgt Ion:152 Resp: 116823
Ion Ratio Lower Upper
152 100
115 56.0 40.0 119.9
150 156.2 0.0 350.4

