

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009679.D
 Acq On : 17 May 2019 22:03
 Operator : JC/SP
 Sample : K2891-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-578-580

Quant Time: May 18 06:32:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

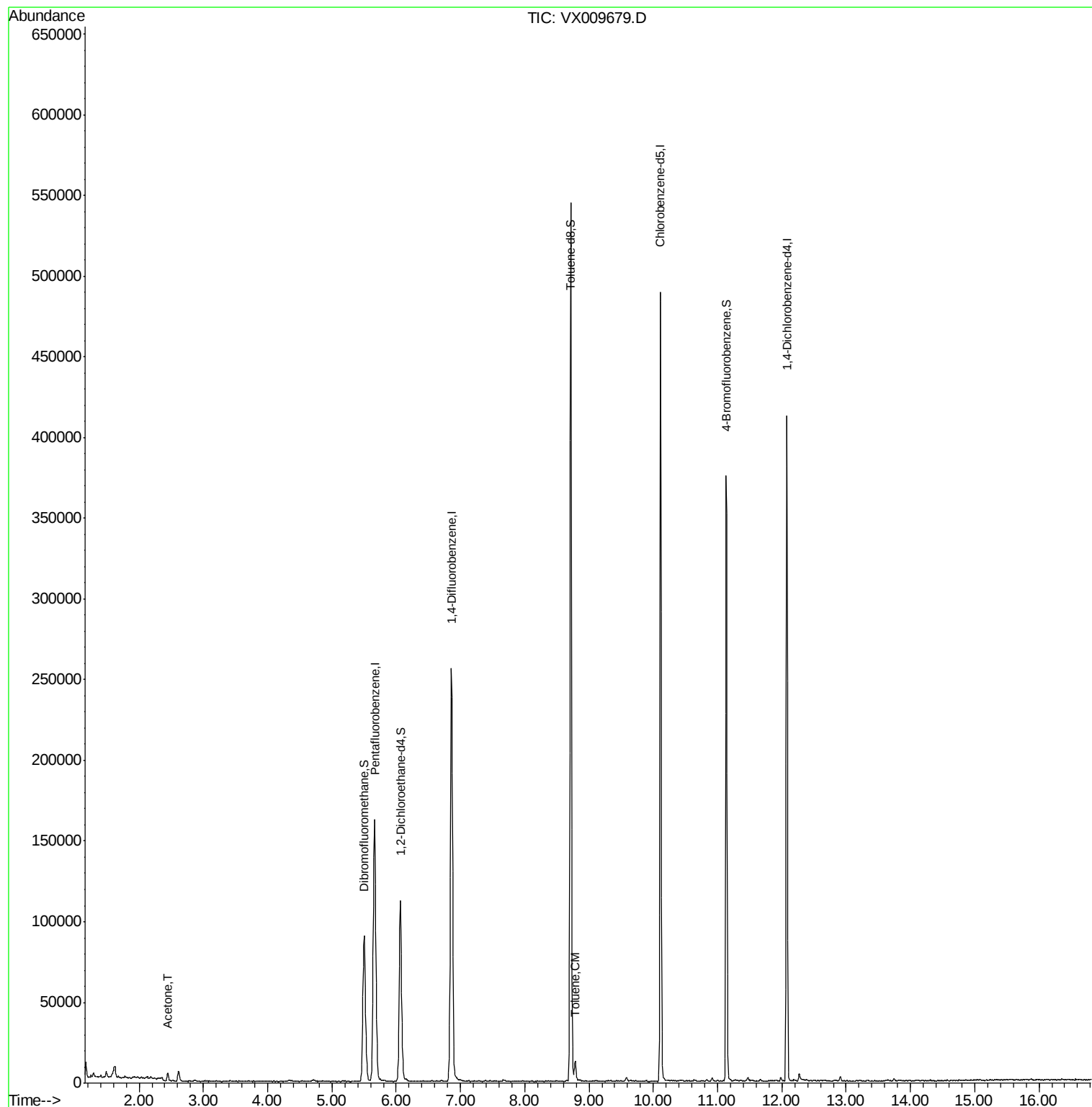
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	157286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	251116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	81876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	107308	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
35) Dibromofluoromethane	5.50	113	77364	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	8.71	98	315540	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	98108	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.72%	
Target Compounds						
16) Acetone	2.45	43	5579	4.839	ug/l	97
52) Toluene	8.79	92	4127	0.940	ug/l	95

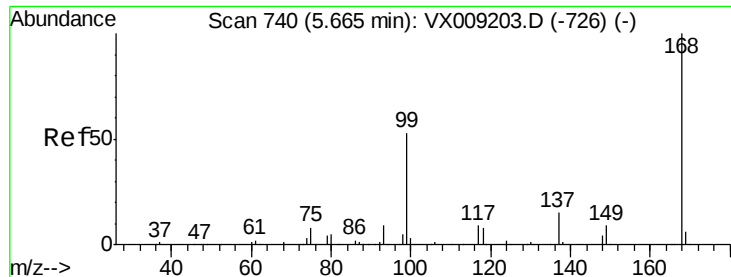
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009679.D

Acq: 17 May 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

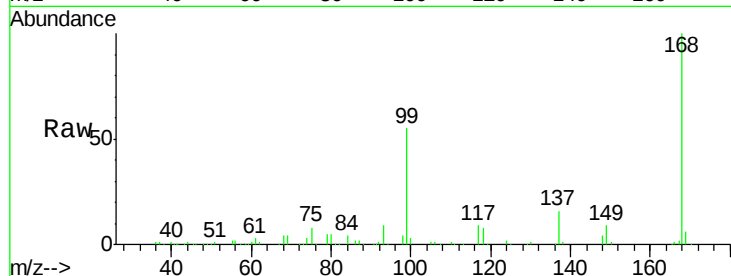
BP-VPB202-GW-578-580

Tot Ion:168 Resp: 157286

Ion Ratio Lower Upper

168 100

99 55.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

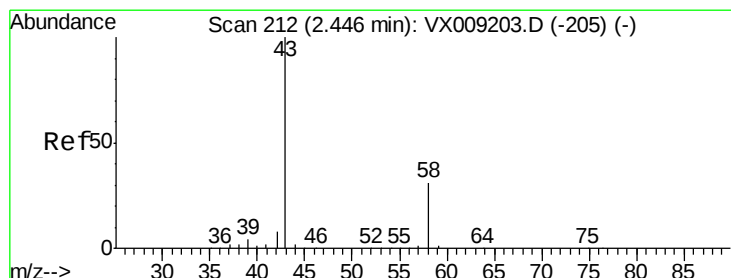
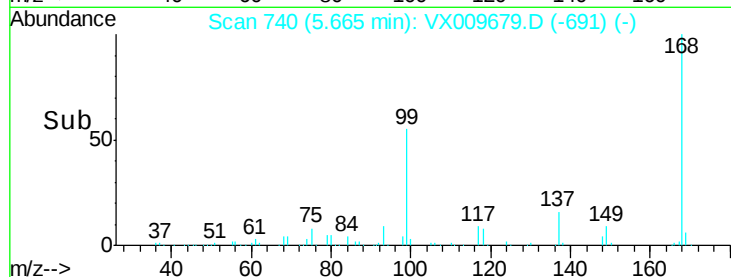
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.839 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009679.D

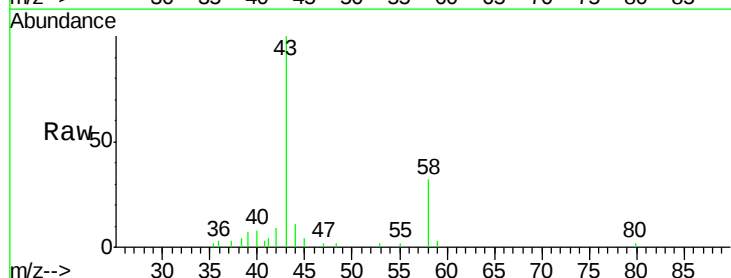
Acq: 17 May 2019 22:03

Tgt Ion: 43 Resp: 5579

Ion Ratio Lower Upper

43 100

58 33.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

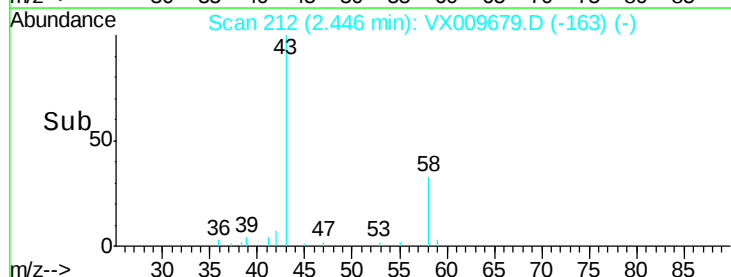
3000

2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 49.977 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009679.D

Acq: 17 May 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

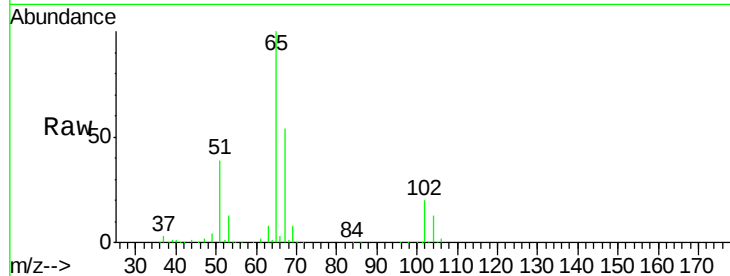
BP-VPB202-GW-578-580

Tot Ion: 65 Resp: 107308

Ion Ratio Lower Upper

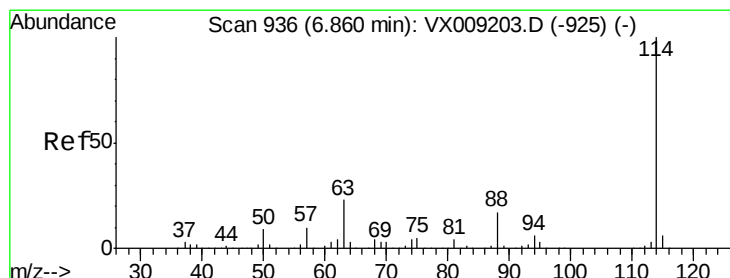
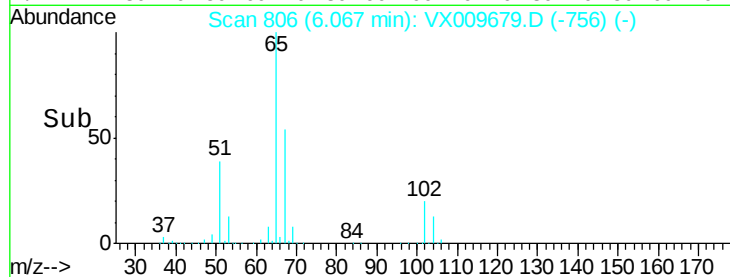
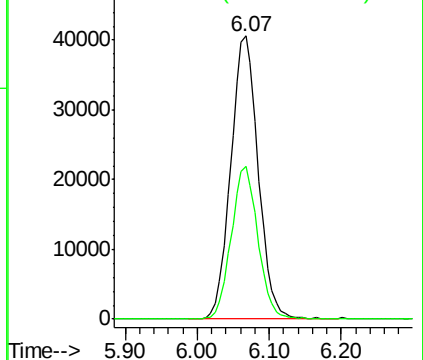
65 100

67 52.5 0.0 106.6



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009679.D

Acq: 17 May 2019 22:03

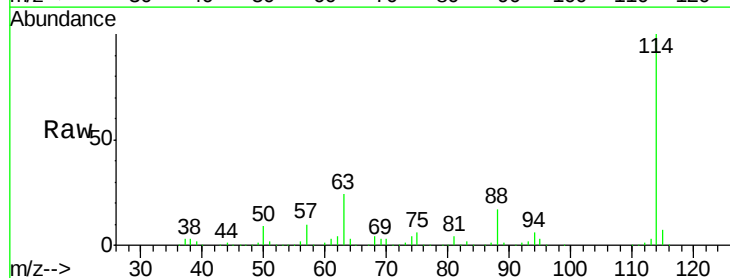
Tgt Ion: 114 Resp: 251116

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.6

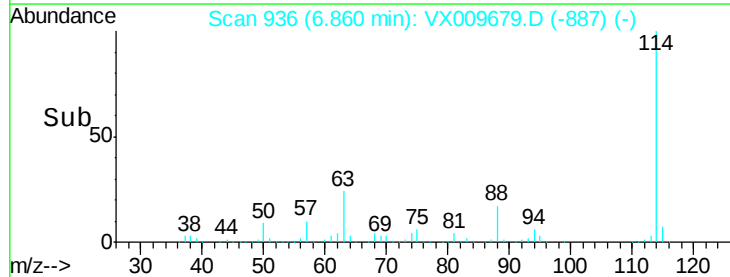
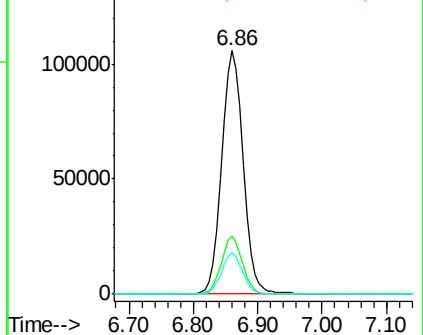
88 16.8 0.0 33.2

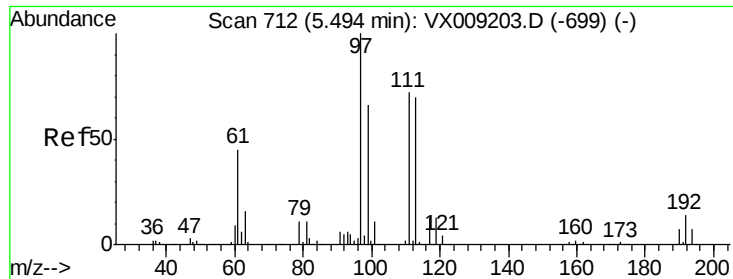


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

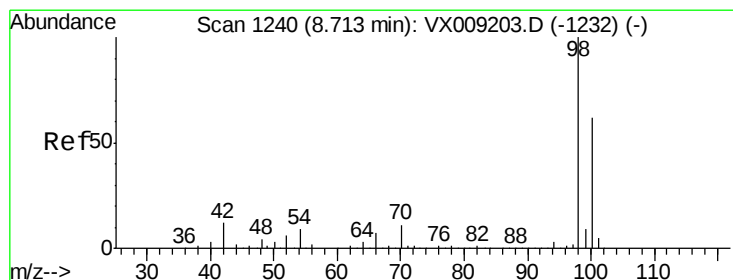
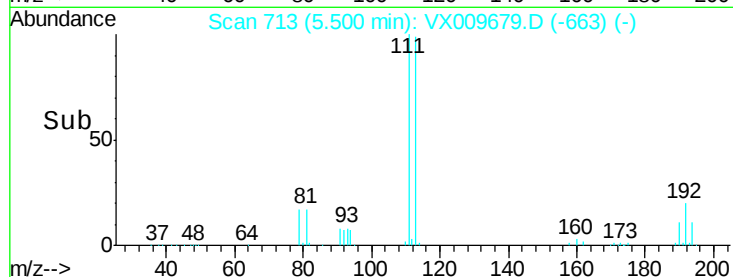
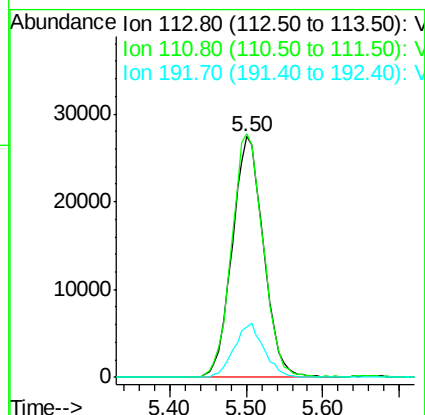
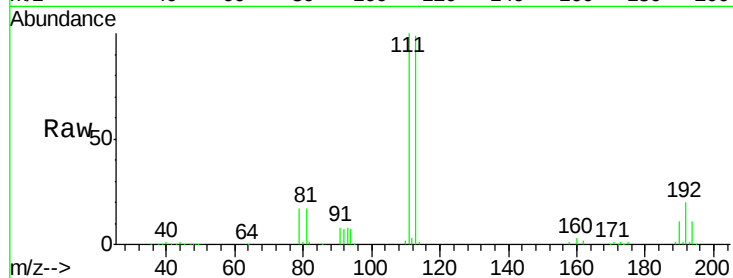




#35
 Dibromofluoromethane
 Concen: 49.008 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009679.D
 Acq: 17 May 2019 22:03

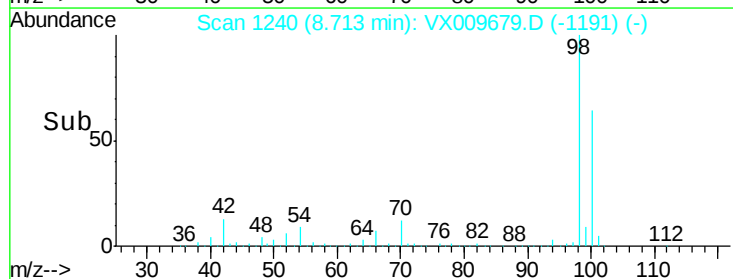
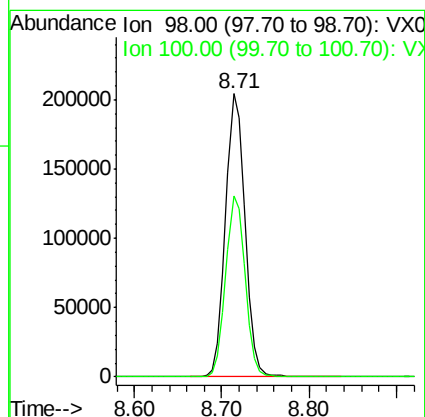
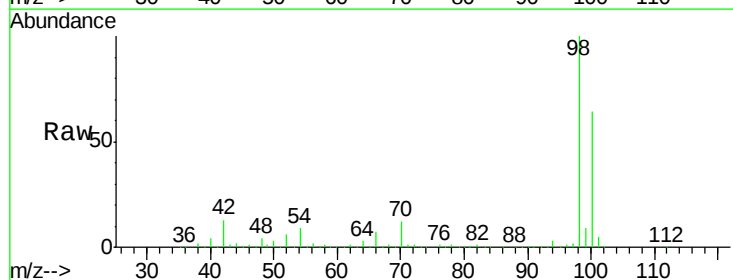
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-578-580

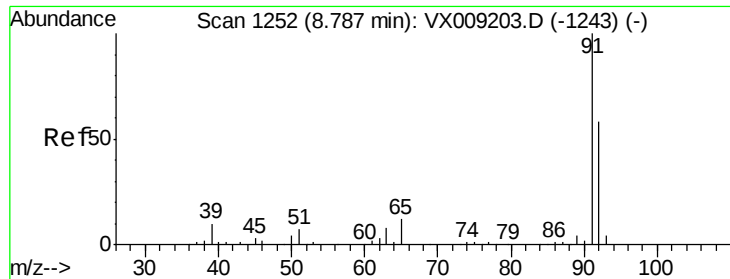
Tot Ion:113 Resp: 77364
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.8 124.2
 192 21.4 17.0 25.6



#50
 Toluene-d8
 Concen: 49.510 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009679.D
 Acq: 17 May 2019 22:03

Tgt Ion: 98 Resp: 315540
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.2 76.8





#52

Toluene

Concen: 0.940 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009679.D

Acq: 17 May 2019 22:03

Instrument :

MSVOA_X

ClientSampleId :

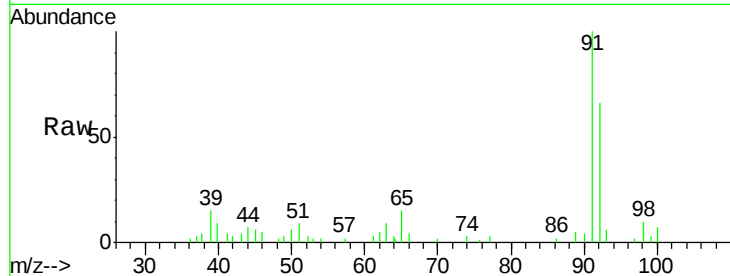
BP-VPB202-GW-578-580

Tot Ion: 92 Resp: 4127

Ion Ratio Lower Upper

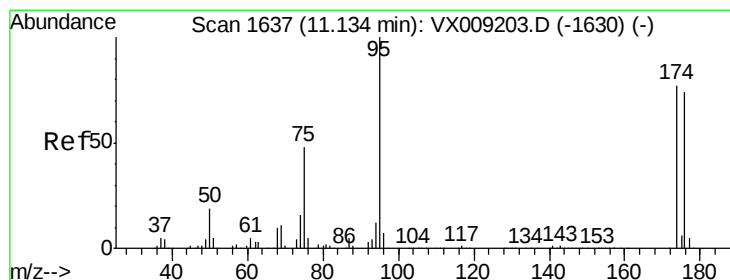
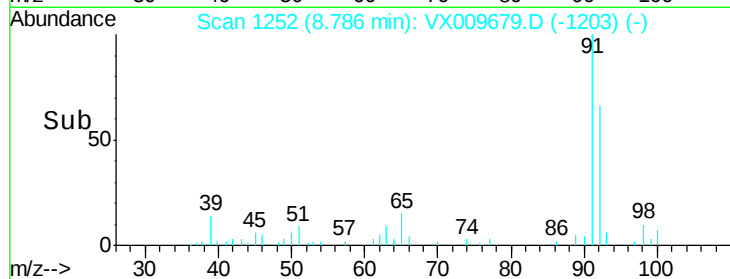
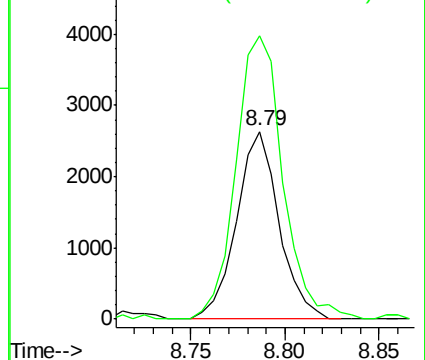
92 100

91 166.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 42.365 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009679.D

Acq: 17 May 2019 22:03

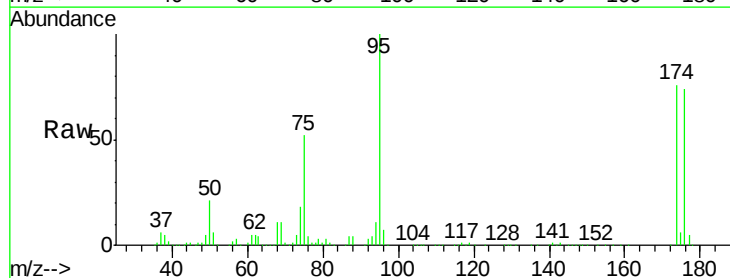
Tgt Ion: 95 Resp: 98108

Ion Ratio Lower Upper

95 100

174 82.5 0.0 161.6

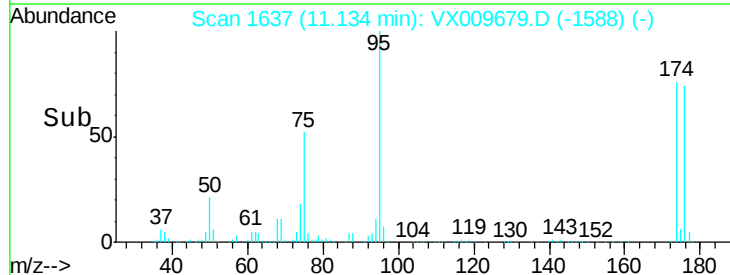
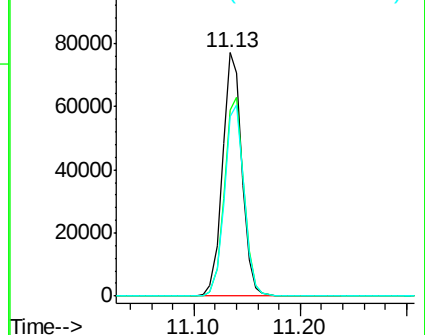
176 79.5 0.0 159.2

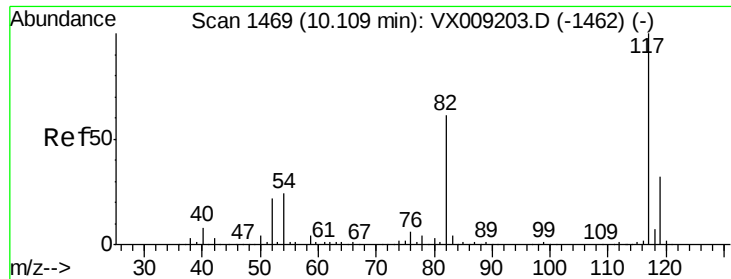


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

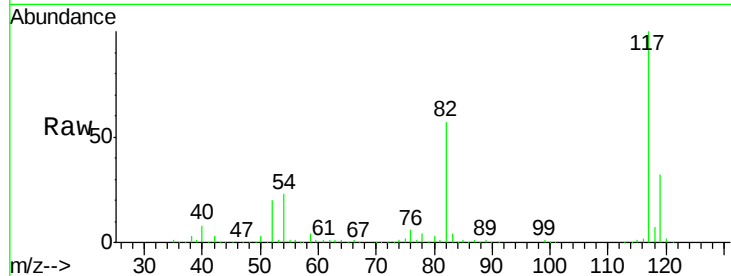




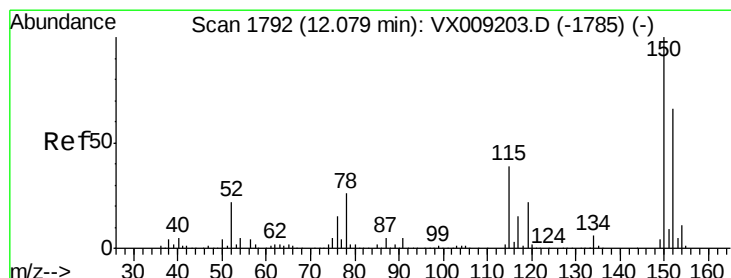
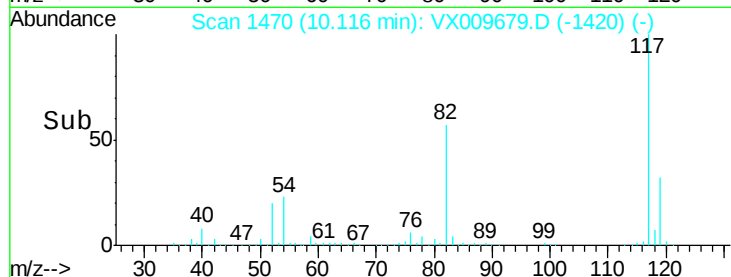
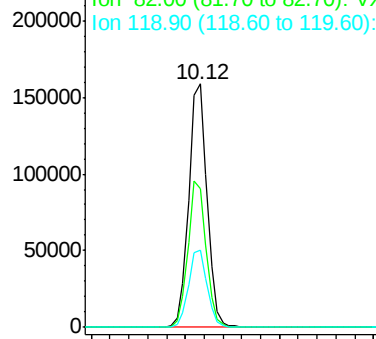
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009679.D
Acq: 17 May 2019 22:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-578-580

Tot Ion:117 Resp: 214769
Ion Ratio Lower Upper
117 100
82 56.7 48.8 73.2
119 31.9 25.8 38.6

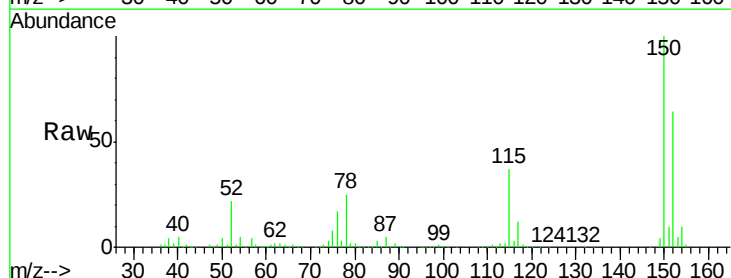


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009679.D
Acq: 17 May 2019 22:03

Tgt Ion:152 Resp: 81876
Ion Ratio Lower Upper
152 100
115 59.8 41.2 123.6
150 157.9 0.0 346.4



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

