

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009673.D
 Acq On : 17 May 2019 19:42
 Operator : JC/SP
 Sample : K2891-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-458-460

Quant Time: May 18 06:22:32 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

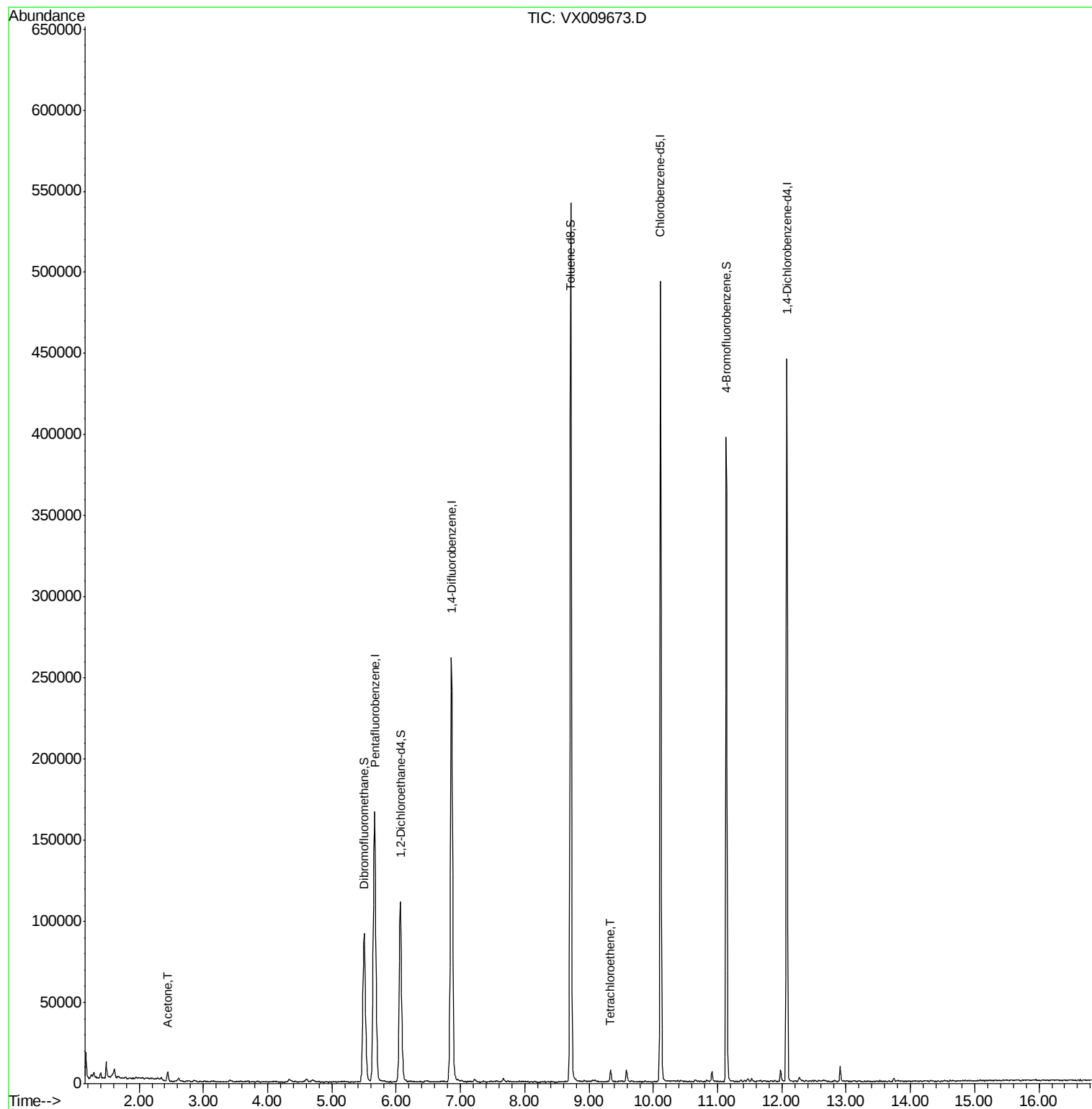
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	159763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	251685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	221318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	91656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107219	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
35) Dibromofluoromethane	5.50	113	77052	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	318022	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.13	95	103505	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
Target Compounds						
16) Acetone	2.45	43	6414	5.477	ug/l	97
64) Tetrachloroethene	9.34	164	1307	0.861	ug/l	90

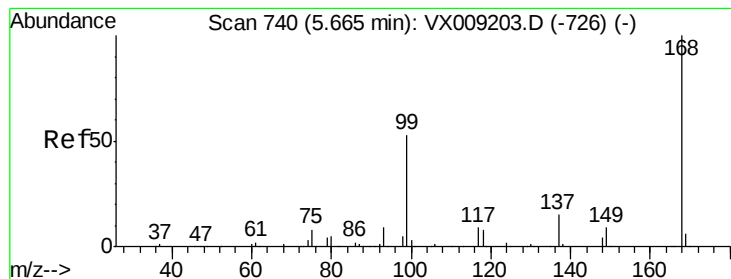
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009673.D

Acq: 17 May 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

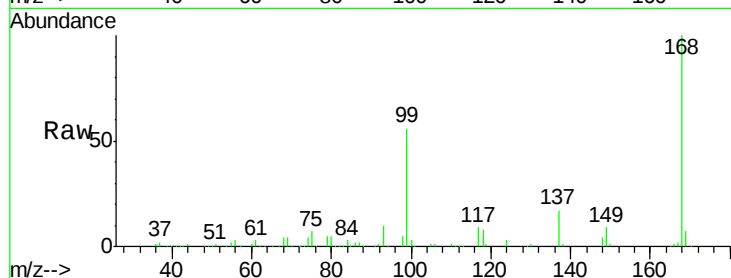
BP-VPB202-GW-458-460

Tot Ion:168 Resp: 159763

Ion Ratio Lower Upper

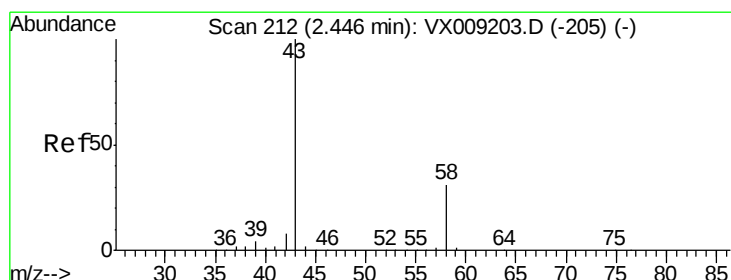
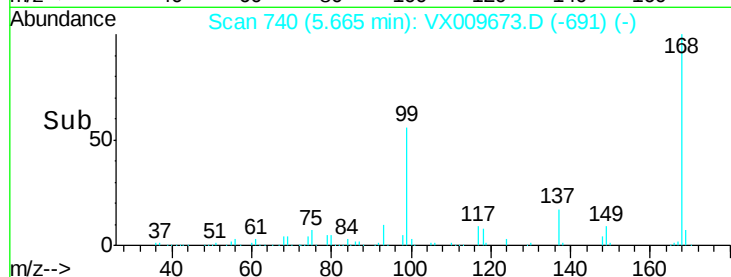
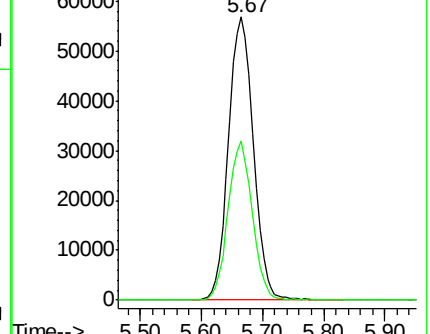
168 100

99 56.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.477 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009673.D

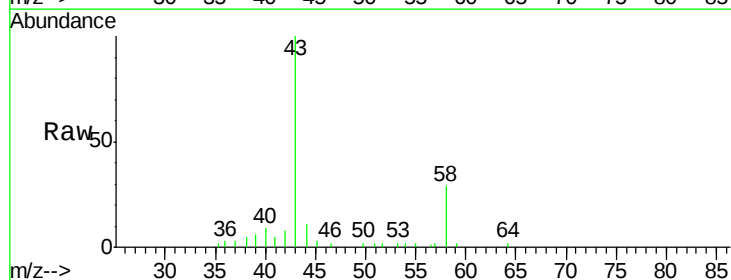
Acq: 17 May 2019 19:42

Tgt Ion: 43 Resp: 6414

Ion Ratio Lower Upper

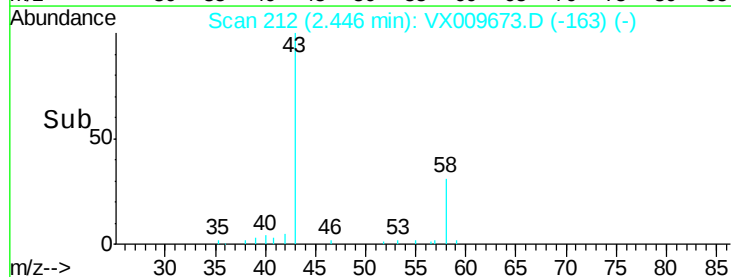
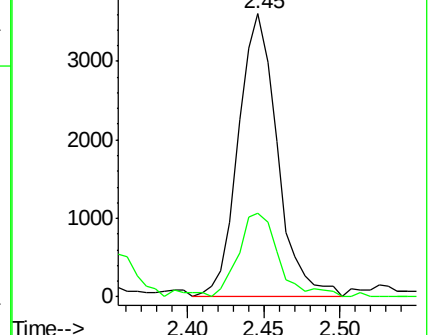
43 100

58 29.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.162 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009673.D

Acq: 17 May 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

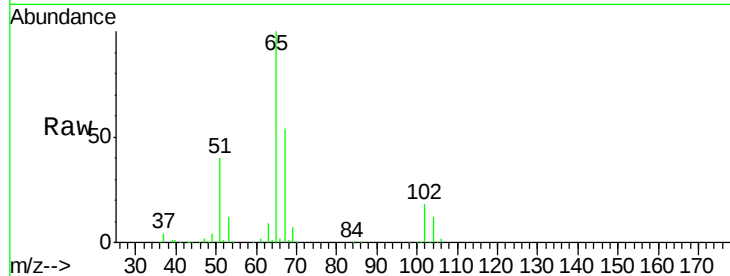
BP-VPB202-GW-458-460

Tot Ion: 65 Resp: 107219

Ion Ratio Lower Upper

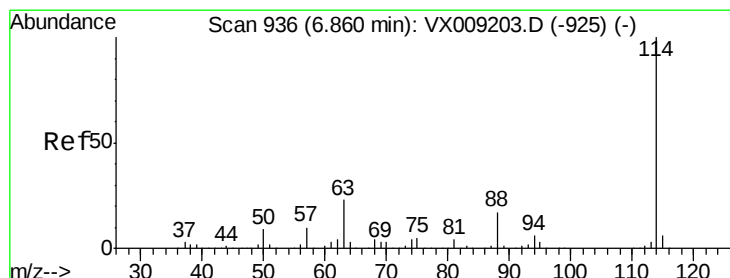
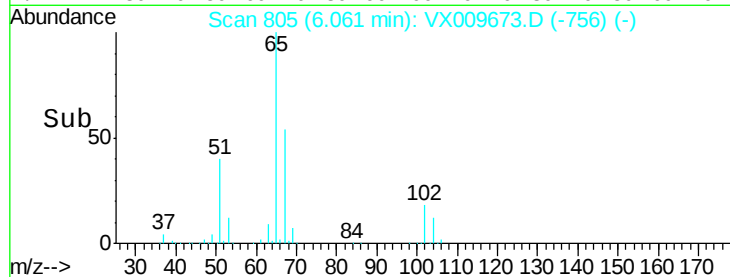
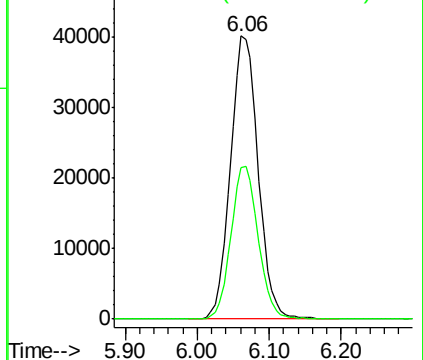
65 100

67 53.2 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: VX009673.D

Acq: 17 May 2019 19:42

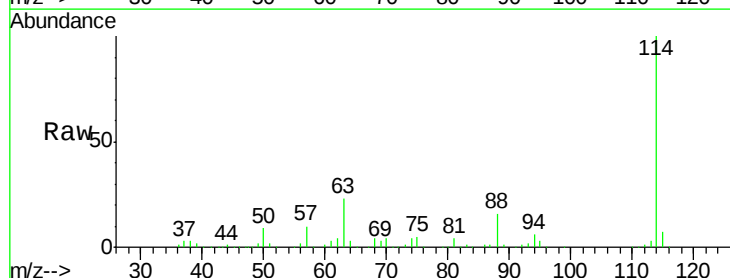
Tgt Ion: 114 Resp: 251685

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

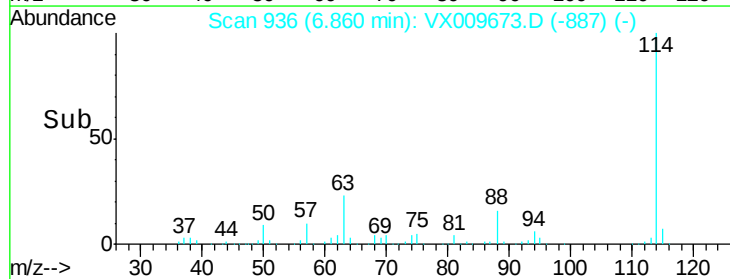
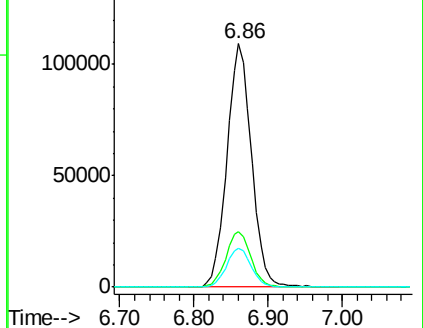
88 16.2 0.0 33.2

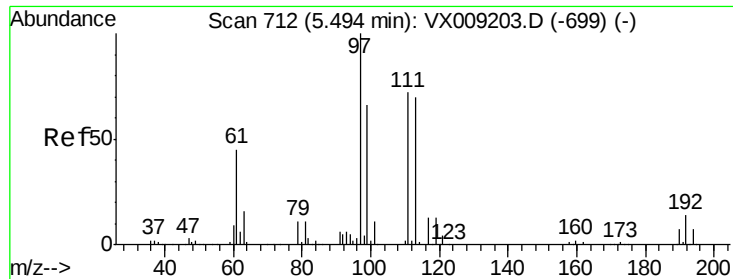


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

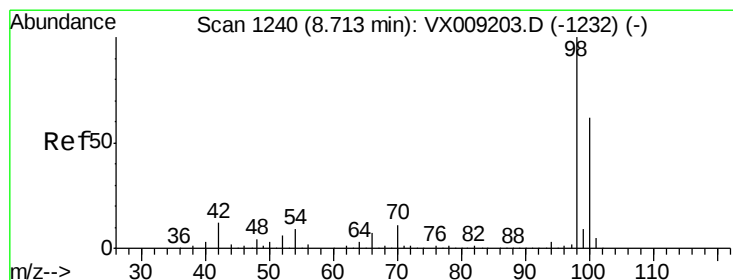
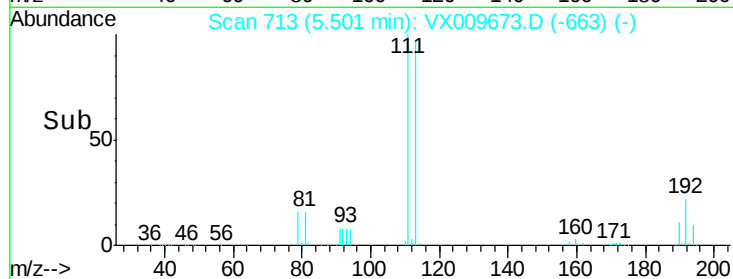
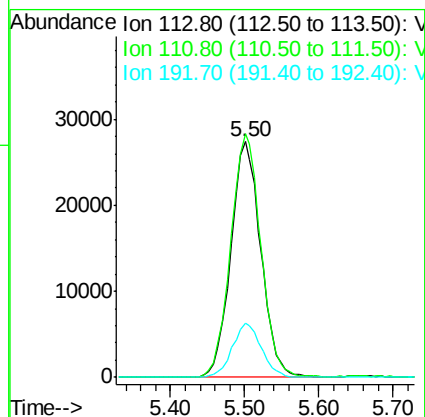
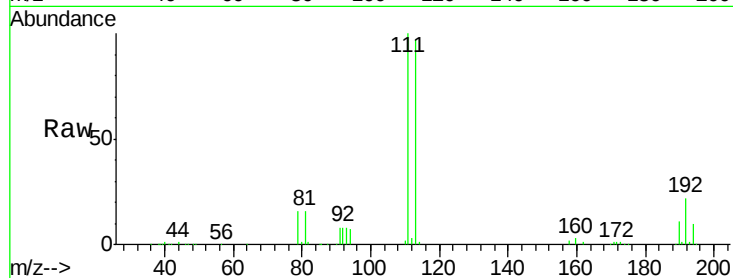




#35
Dibromofluoromethane
Concen: 48.700 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009673.D
Acq: 17 May 2019 19:42

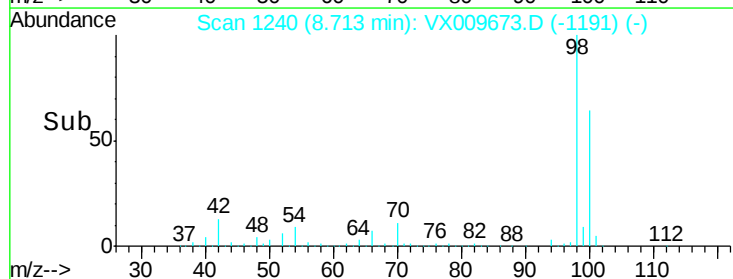
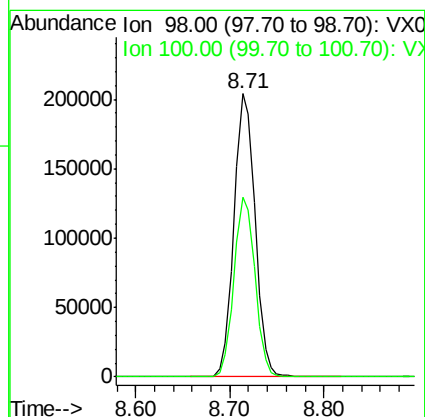
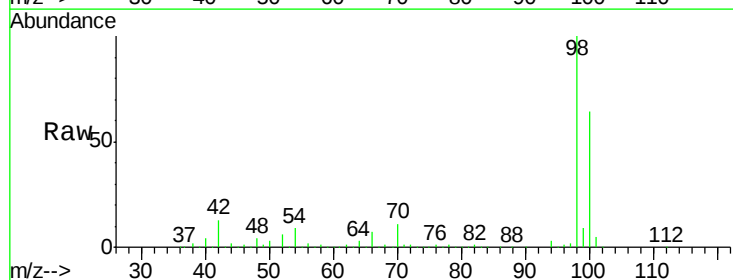
Instrument :
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BP-VPB202-GW-458-460

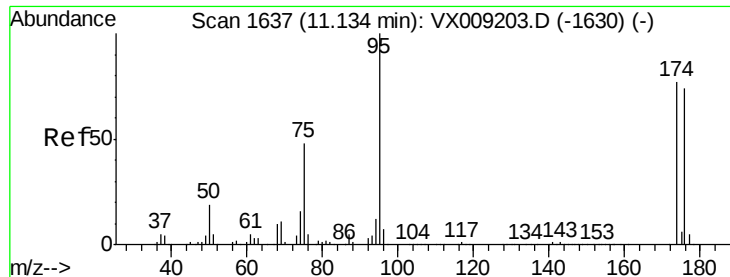
Tot Ion:113 Resp: 77052
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 22.2 17.0 25.6



#50
Toluene-d8
Concen: 49.787 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009673.D
Acq: 17 May 2019 19:42

Tgt Ion: 98 Resp: 318022
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.594 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009673.D

Acq: 17 May 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-458-460

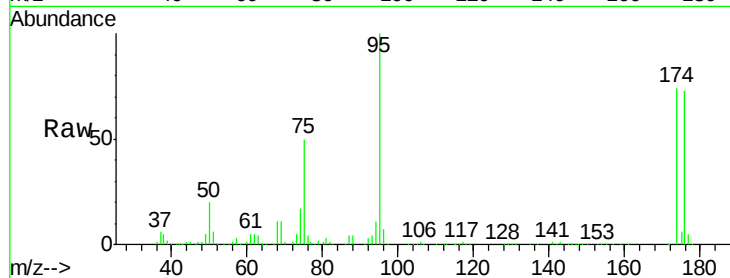
Tot Ion: 95 Resp: 103505

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.6

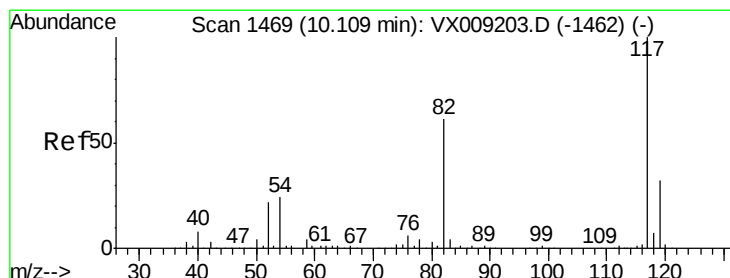
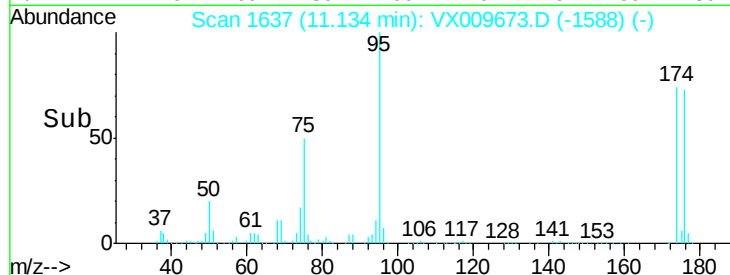
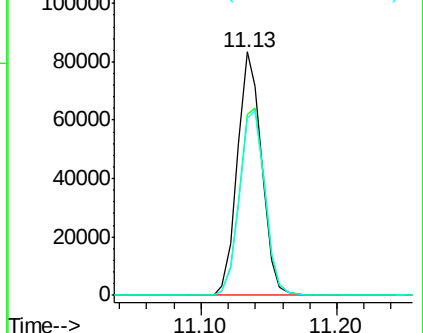
176 79.5 0.0 159.2



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: VX009673.D

Acq: 17 May 2019 19:42

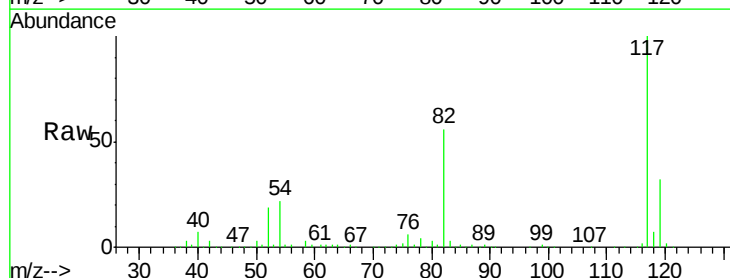
Tgt Ion: 117 Resp: 221318

Ion Ratio Lower Upper

117 100

82 56.0 48.8 73.2

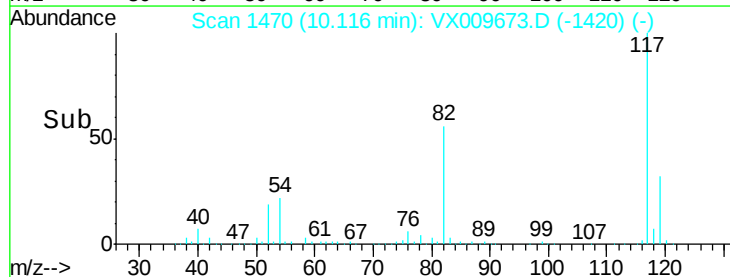
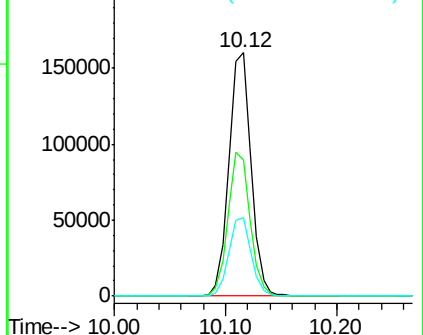
119 32.0 25.8 38.6

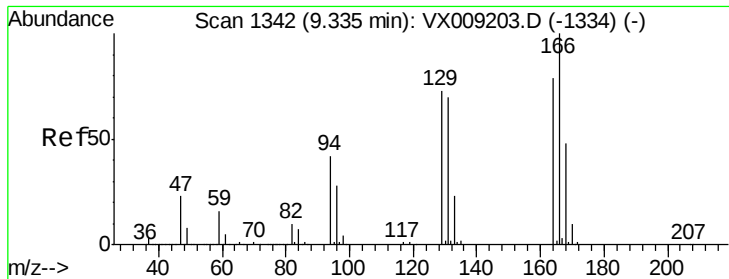


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.861 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009673.D

Acq: 17 May 2019 19:42

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-458-460

Tot Ion:164 Resp: 1307

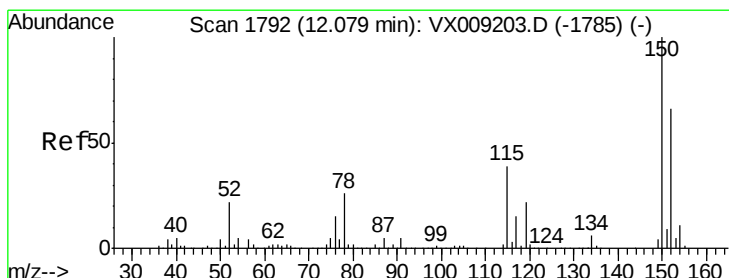
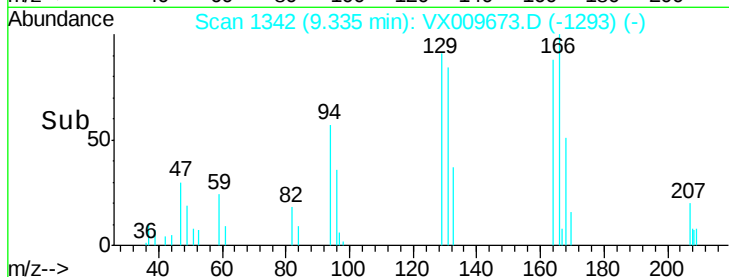
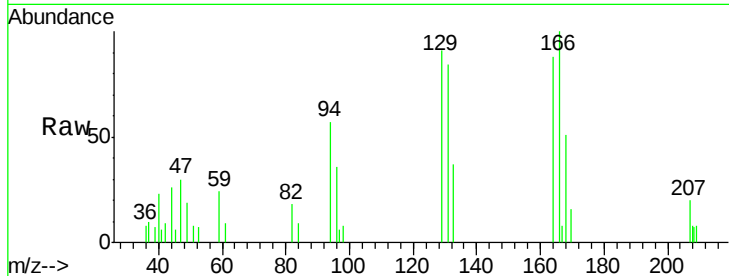
Ion Ratio Lower Upper

164 100

166 113.5 101.2 151.8

129 102.9 74.3 111.5

131 95.1 71.0 106.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009673.D

Acq: 17 May 2019 19:42

Tgt Ion:152 Resp: 91656

Ion Ratio Lower Upper

152 100

115 59.0 41.2 123.6

150 157.0 0.0 346.4

