

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030619\  
 Data File : VX007864.D  
 Acq On : 06 Mar 2019 17:07  
 Operator : JC/SP  
 Sample : K1759-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB201-EB-20190305

Quant Time: Mar 07 08:31:49 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 07 07:33:26 2019  
 Response via : Initial Calibration

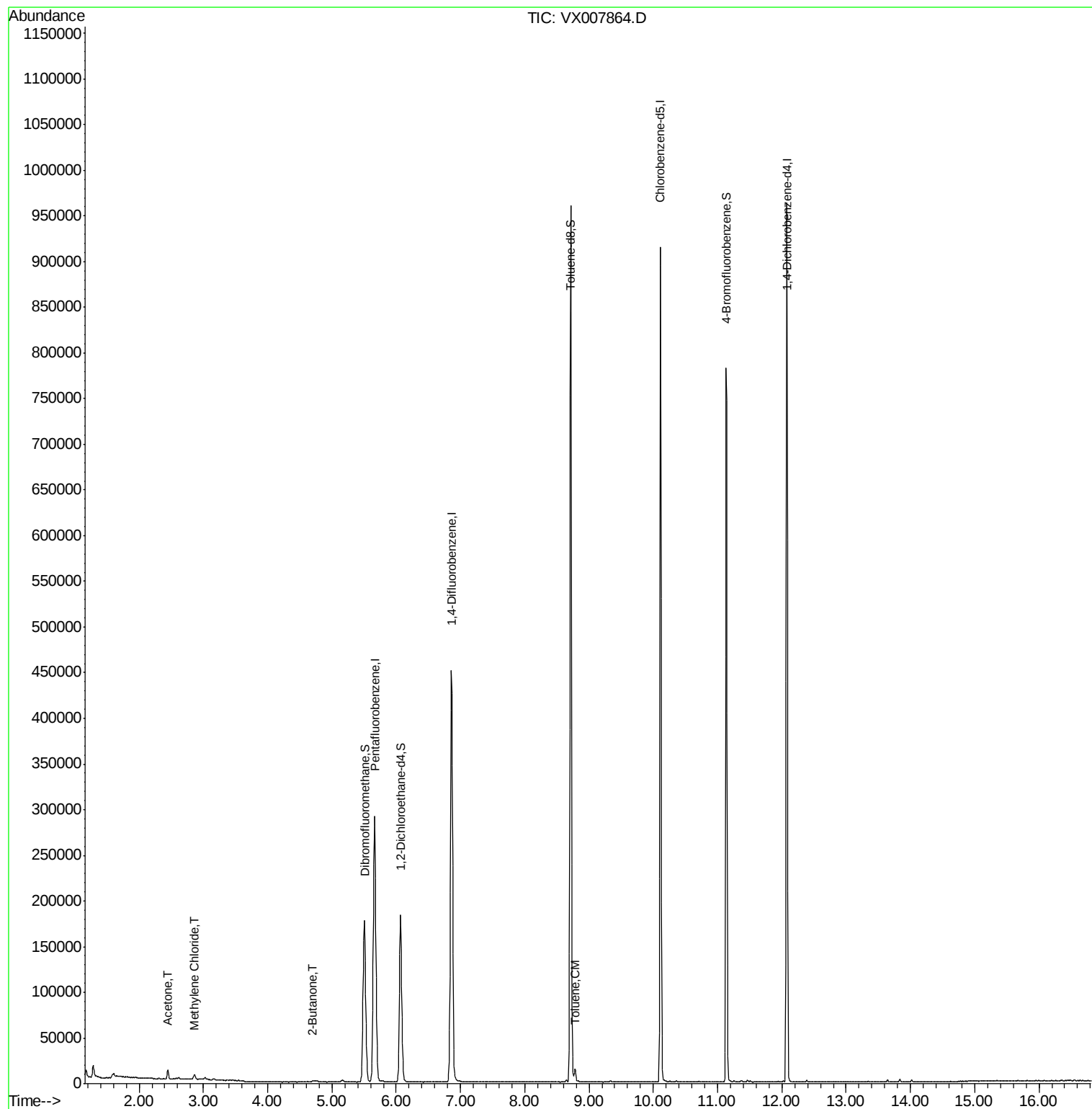
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 304879   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 474128   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 444457   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 211898   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 166439   | 51.75 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 103.50% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 153128   | 50.49 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.98% |          |
| 50) Toluene-d8              | 8.71  | 98   | 572477   | 51.40 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.80% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 208780   | 53.46 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.92% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.45  | 43   | 10946    | 5.880 | ug/l    | 96       |
| 20) Methylene Chloride      | 2.86  | 84   | 2433     | 0.821 | ug/l    | 89       |
| 25) 2-Butanone              | 4.70  | 43   | 3139     | 1.191 | ug/l #  | 89       |
| 52) Toluene                 | 8.79  | 92   | 4495     | 0.576 | ug/l    | 98       |

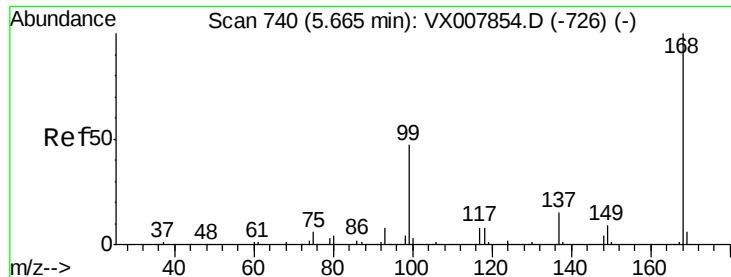
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030619\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X030619W.M  
Quant Title : SW846 8260  
QLast Update : Thu Mar 07 07:33:26 2019  
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: VX007864.D

Acq: 06 Mar 2019 17:07

Instrument :

MSVOA\_X

ClientSampleId :

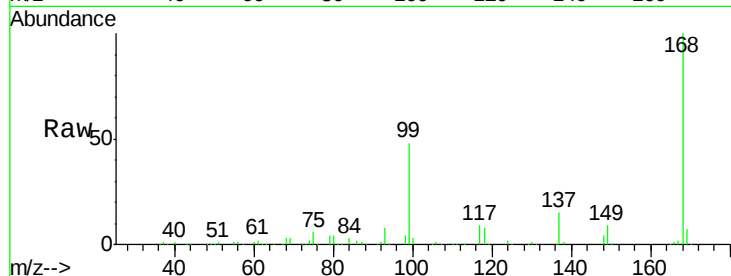
BP-VPB201-EB-20190305

Tot Ion:168 Resp: 304879

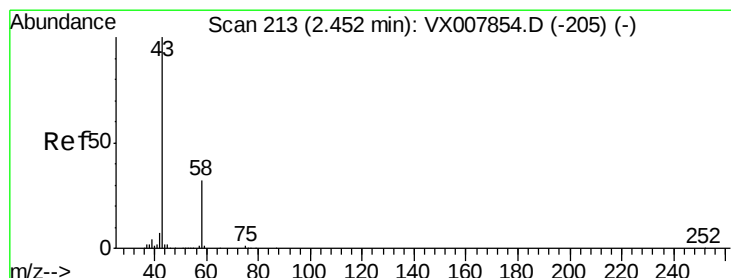
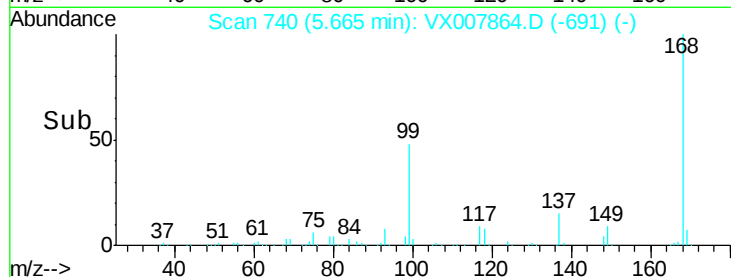
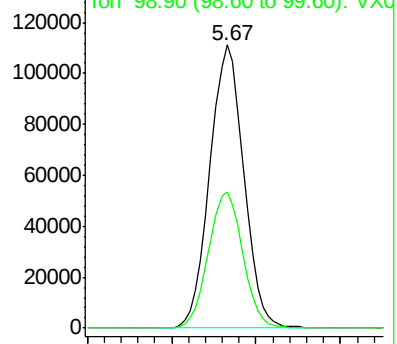
Ion Ratio Lower Upper

168 100

99 48.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX007854.D (-726) (-)



#16

Acetone

Concen: 5.880 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007864.D

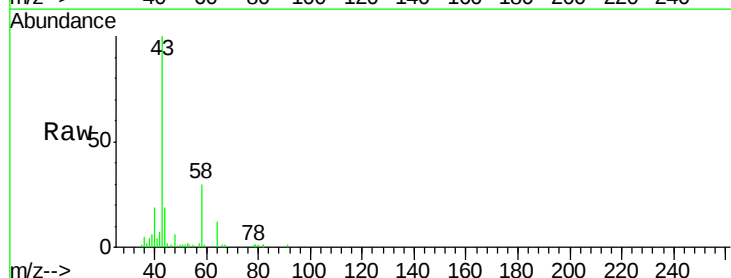
Acq: 06 Mar 2019 17:07

Tgt Ion: 43 Resp: 10946

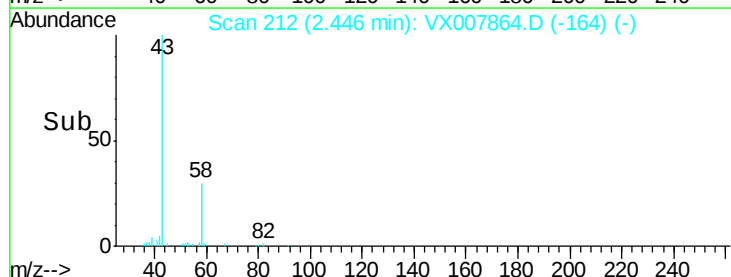
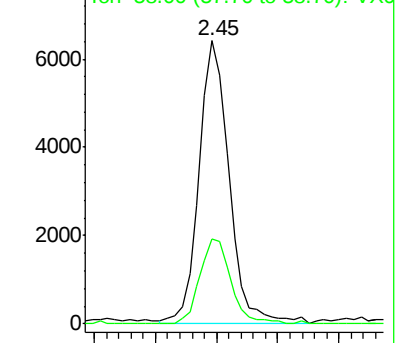
Ion Ratio Lower Upper

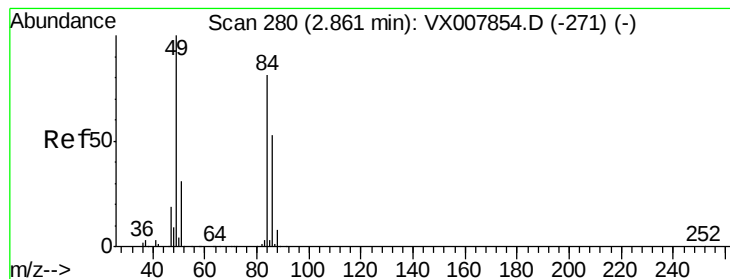
43 100

58 29.9 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX007854.D (-205) (-)





#20

Methylene Chloride

Concen: 0.821 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007864.D

Acq: 06 Mar 2019 17:07

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB201-EB-20190305

Tot Ion: 84 Resp: 2433

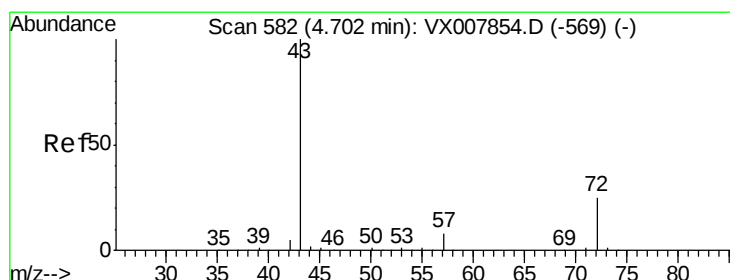
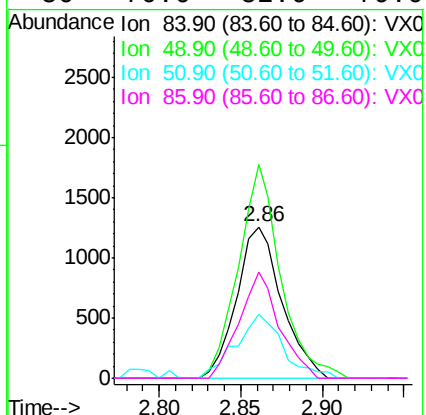
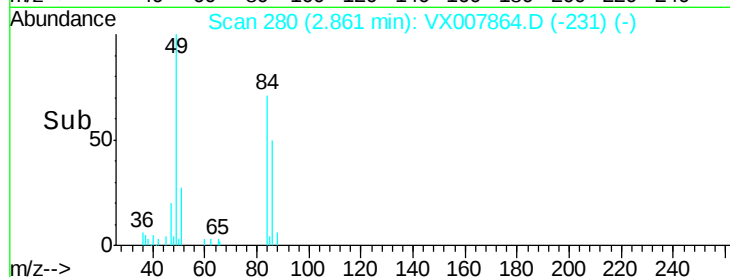
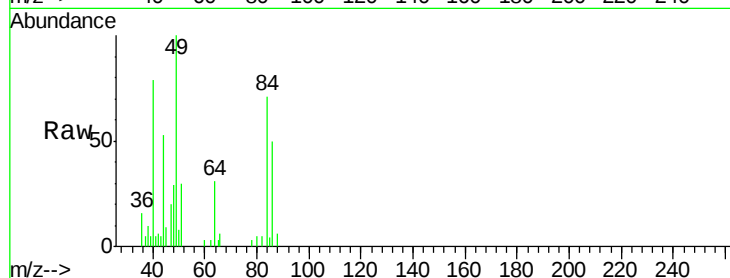
Ion Ratio Lower Upper

84 100

49 141.2 99.3 148.9

51 42.2 31.3 46.9

86 70.6 52.6 79.0



#25

2-Butanone

Concen: 1.191 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007864.D

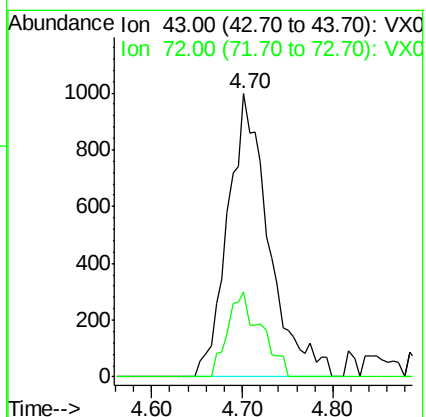
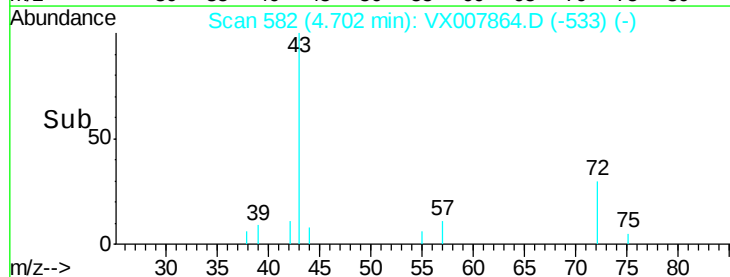
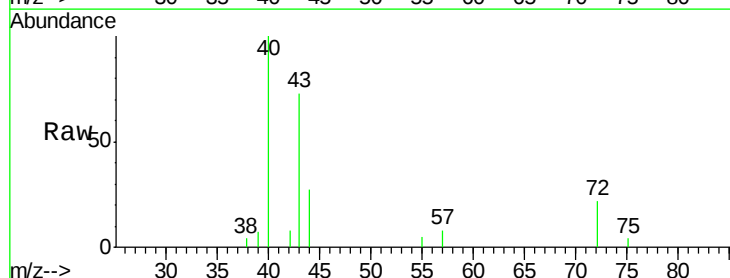
Acq: 06 Mar 2019 17:07

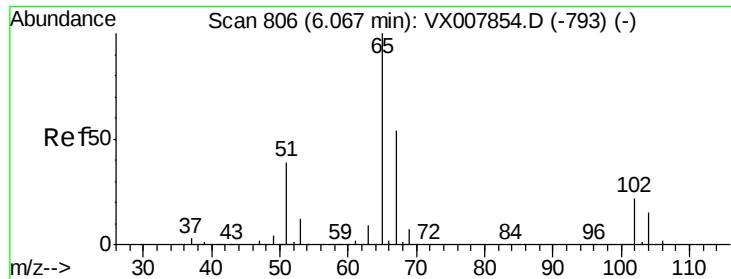
Tgt Ion: 43 Resp: 3139

Ion Ratio Lower Upper

43 100

72 30.2 19.9 29.9#

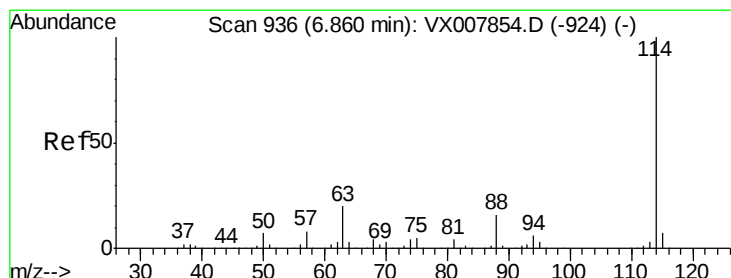
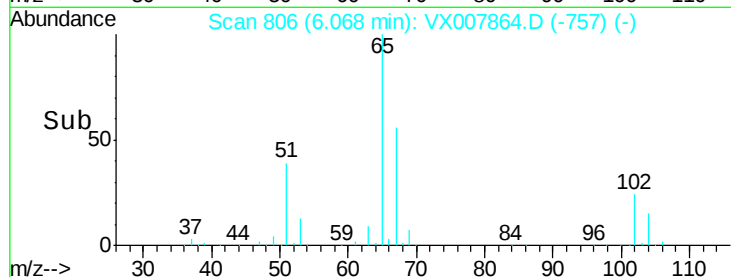
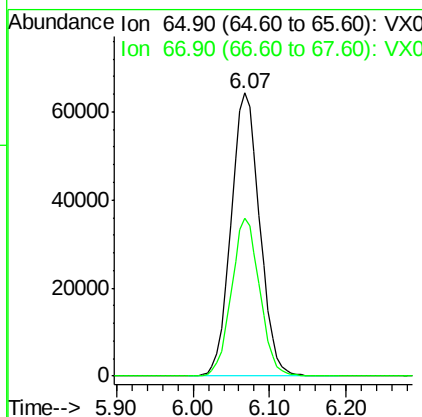
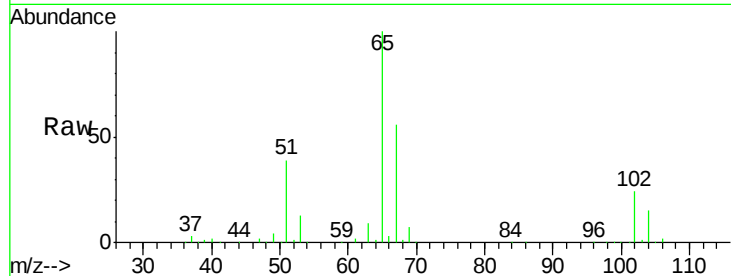




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.751 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX007864.D  
 Acq: 06 Mar 2019 17:07

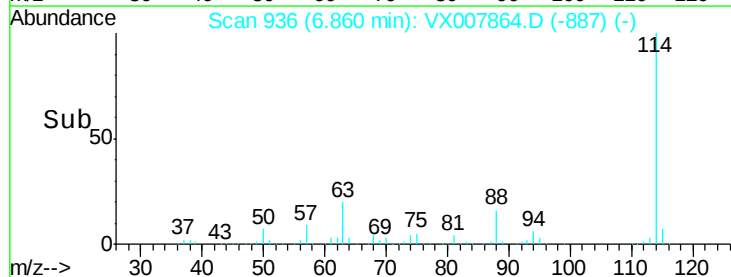
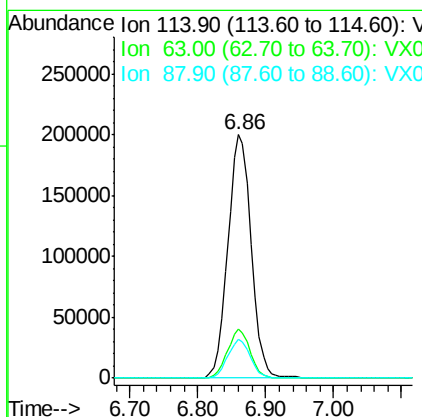
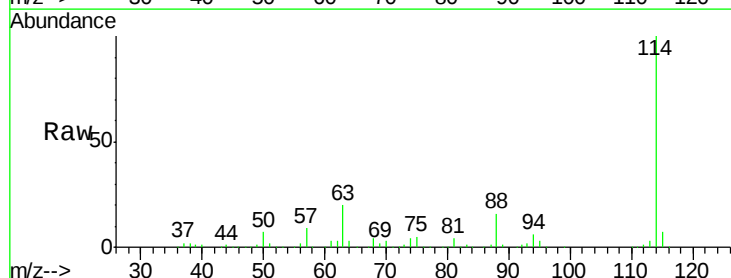
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB201-EB-20190305

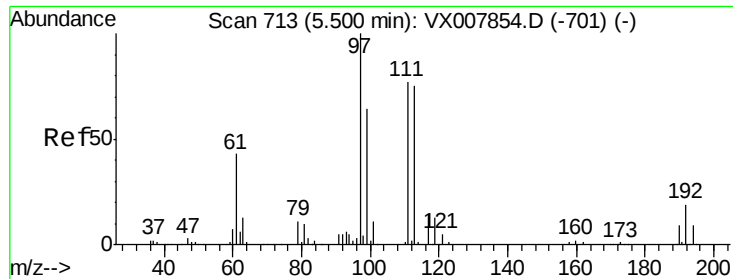
Tot Ion: 65 Resp: 166439  
 Ion Ratio Lower Upper  
 65 100  
 67 55.0 0.0 110.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX007864.D  
 Acq: 06 Mar 2019 17:07

Tgt Ion: 114 Resp: 474128  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 39.8  
 88 15.9 0.0 31.4

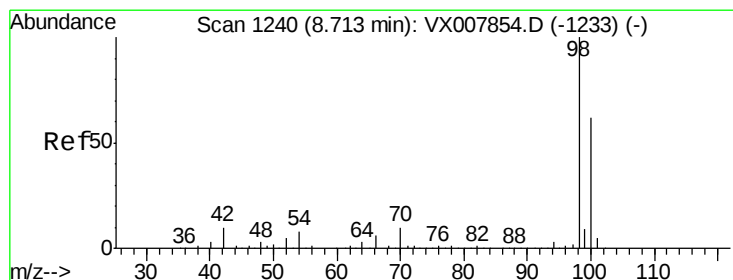
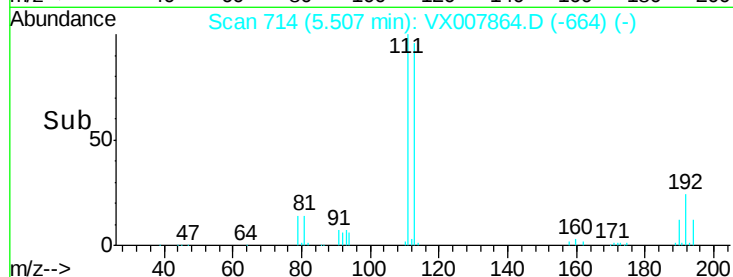
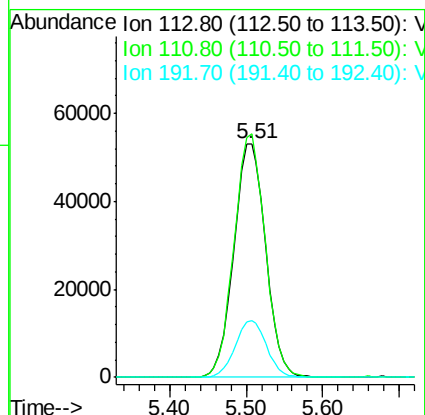
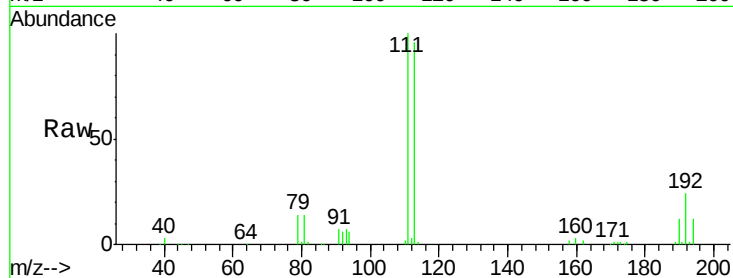




#35  
 Dibromofluoromethane  
 Concen: 50.490 ug/l  
 RT: 5.51 min Scan# 714  
 Delta R.T. 0.01 min  
 Lab File: VX007864.D  
 Acq: 06 Mar 2019 17:07

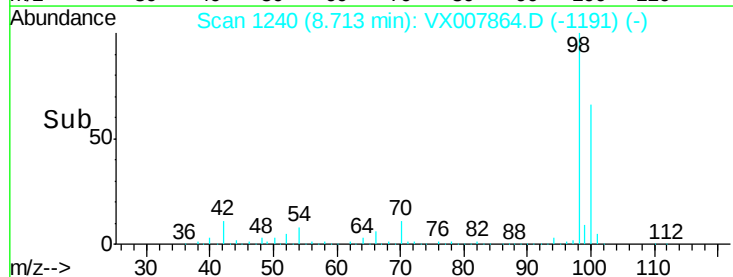
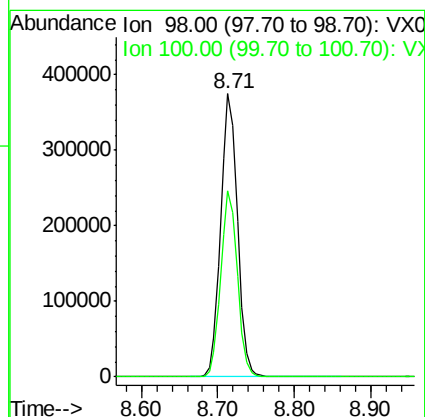
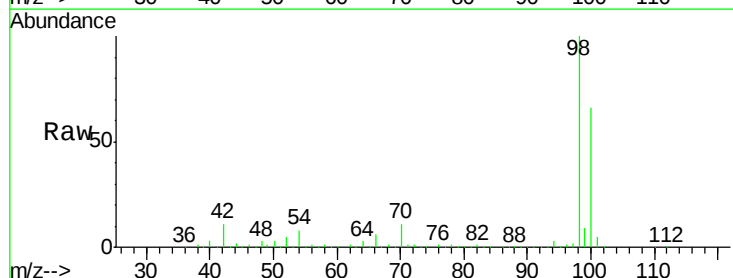
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB201-EB-20190305

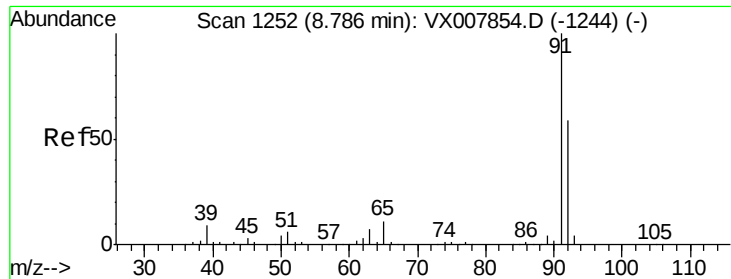
Tot Ion:113 Resp: 153128  
 Ion Ratio Lower Upper  
 113 100  
 111 101.9 81.4 122.0  
 192 24.0 19.4 29.0



#50  
 Toluene-d8  
 Concen: 51.397 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VX007864.D  
 Acq: 06 Mar 2019 17:07

Tgt Ion: 98 Resp: 572477  
 Ion Ratio Lower Upper  
 98 100  
 100 65.0 51.7 77.5





#52

Toluene

Concen: 0.576 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007864.D

Acq: 06 Mar 2019 17:07

Instrument :

MSVOA\_X

ClientSampleId :

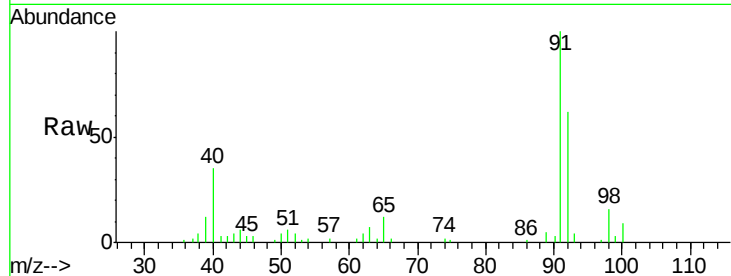
BP-VPB201-EB-20190305

Tot Ion: 92 Resp: 4495

Ion Ratio Lower Upper

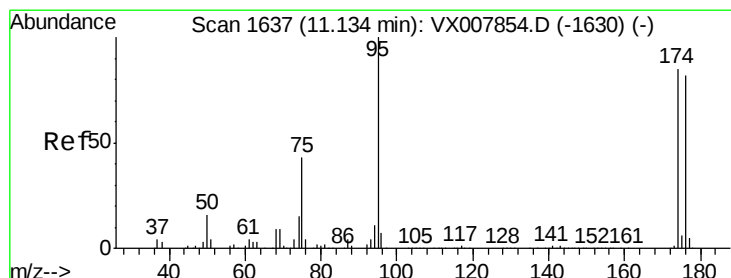
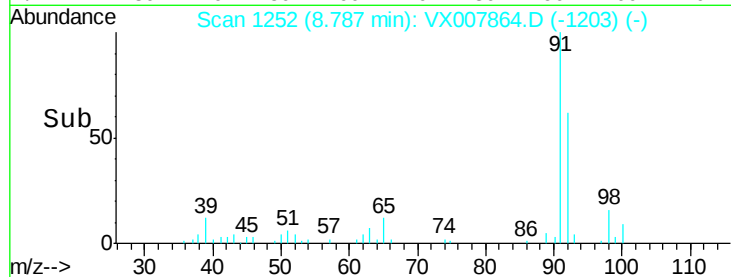
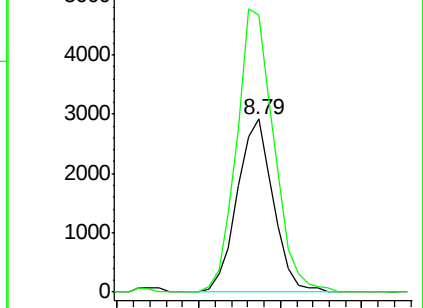
92 100

91 168.6 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 53.463 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007864.D

Acq: 06 Mar 2019 17:07

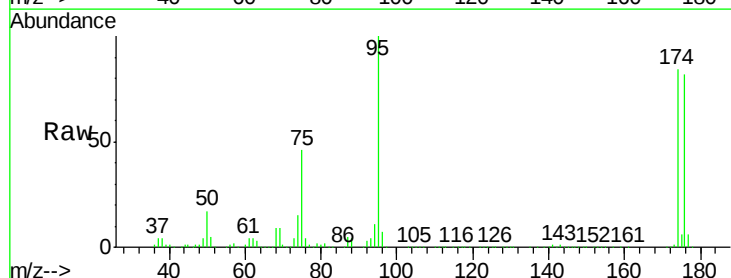
Tgt Ion: 95 Resp: 208780

Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.8

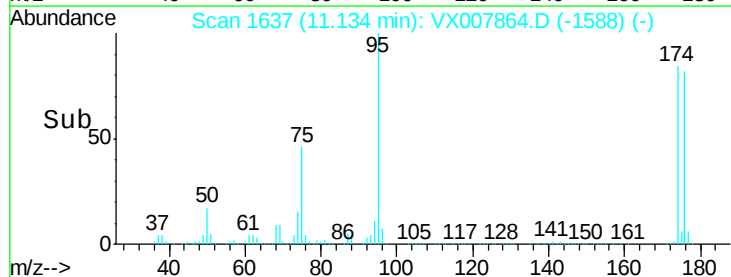
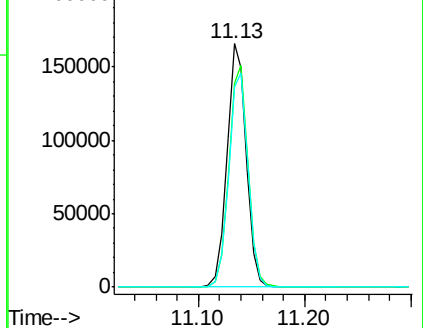
176 89.0 0.0 178.0

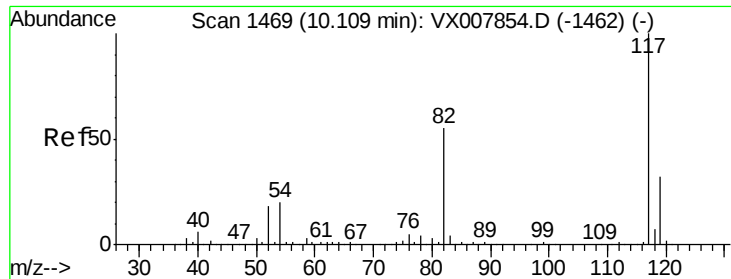


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

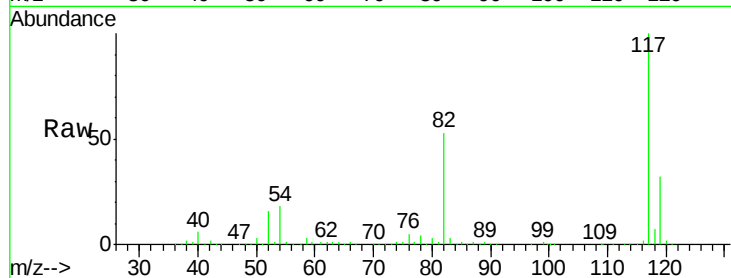




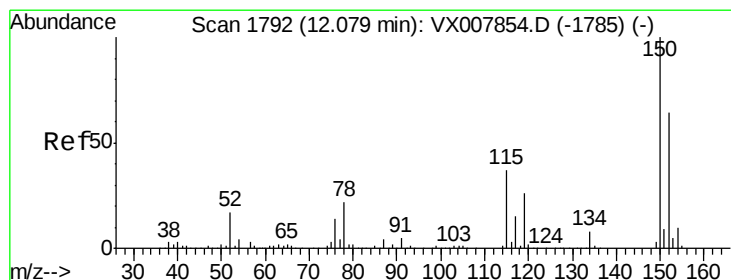
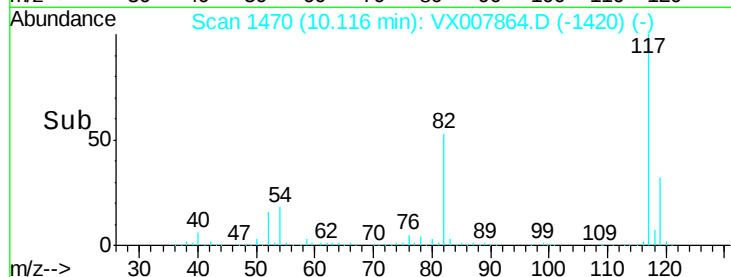
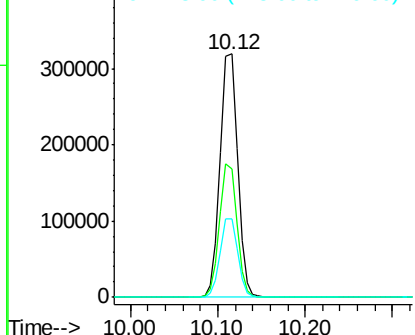
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VX007864.D  
Acq: 06 Mar 2019 17:07

Instrument :  
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ClientSampleId :  
BP-VPB201-EB-20190305

Tot Ion:117 Resp: 444457  
Ion Ratio Lower Upper  
117 100  
82 52.5 44.3 66.5  
119 32.4 25.3 37.9

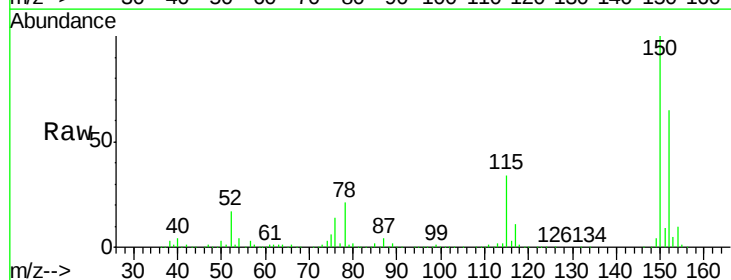


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX007864.D  
Acq: 06 Mar 2019 17:07

Tgt Ion:152 Resp: 211898  
Ion Ratio Lower Upper  
152 100  
115 55.0 38.6 115.7  
150 156.2 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

