

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\  
 Data File : VX001524.D  
 Acq On : 08 May 2018 19:47  
 Operator : JC/MD  
 Sample : J2687-06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-DUP06-20180501

Quant Time: May 09 07:31:03 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sun May 06 07:59:25 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 230136   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 313125   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 275118   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 152407   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 193840   | 58.60 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 117.20% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 149716   | 53.75 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 107.50% |          |
| 50) Toluene-d8              | 8.72  | 98   | 529426   | 52.08 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.16% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 174200   | 44.64 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 89.28%  |          |

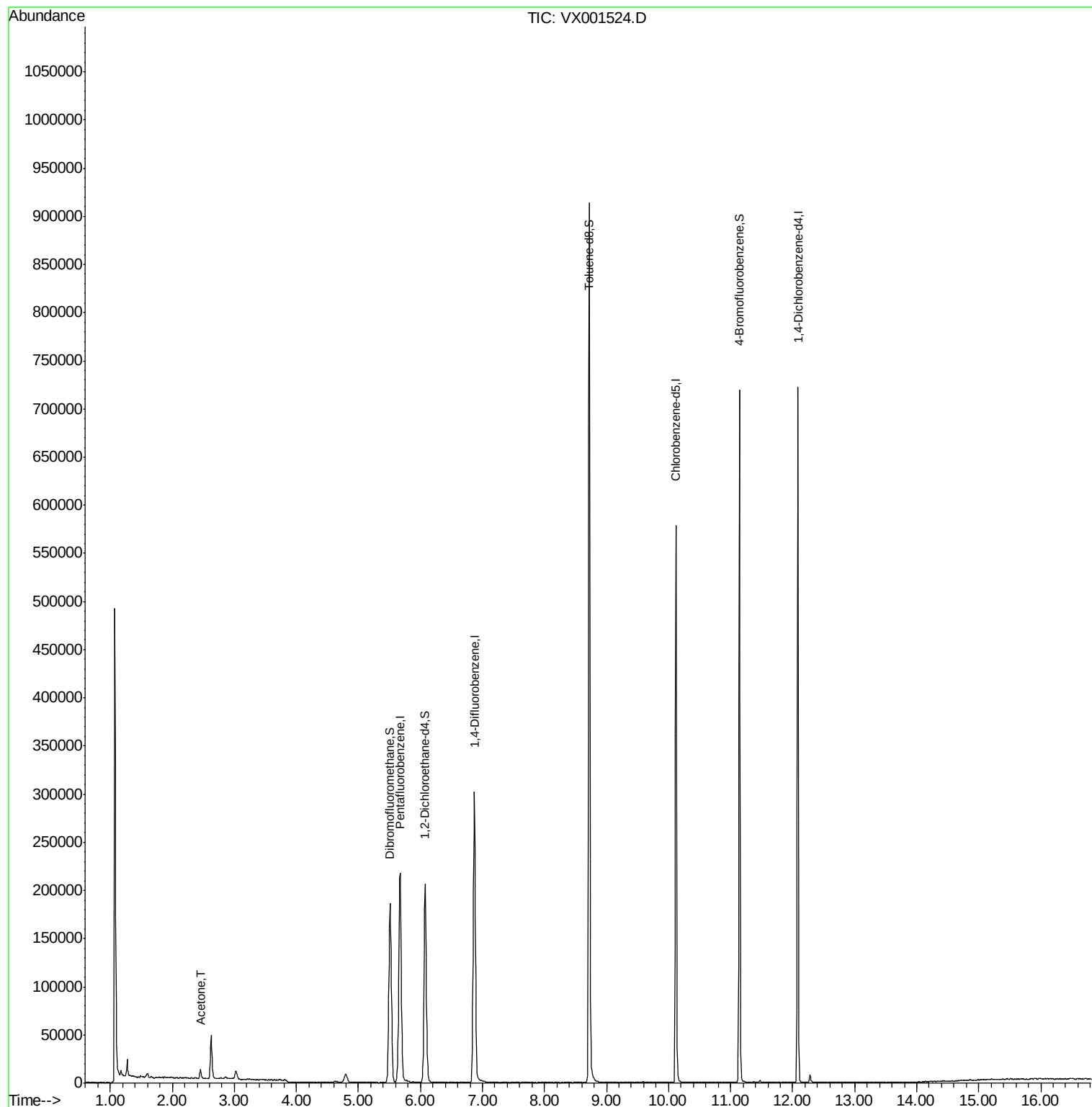
| Target Compounds | R.T. | QIon | Response | Conc | Units | Qvalue |
|------------------|------|------|----------|------|-------|--------|
| 16) Acetone      | 2.45 | 43   | 9613     | 6.40 | ug/l  | 97     |

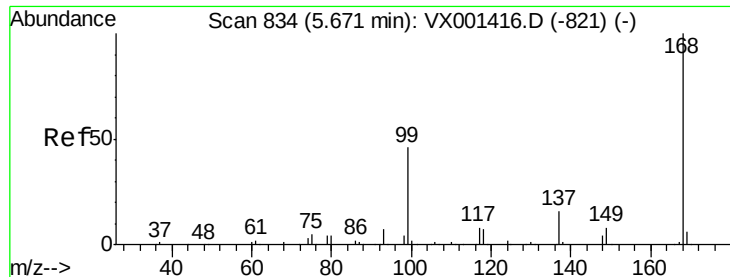
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun May 06 07:59:25 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001524.D

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Instrument :

MSVOA\_X

ClientSampleId :

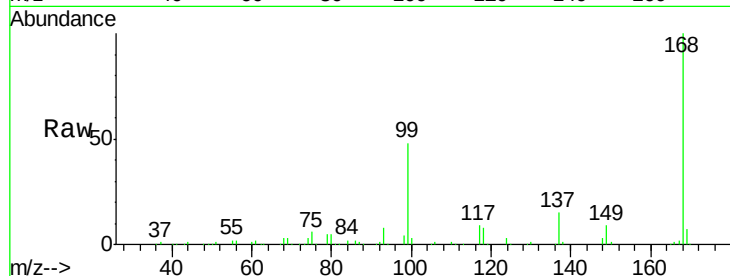
BP-DUP06-20180501

Tot Ion:168 Resp: 230136

Ion Ratio Lower Upper

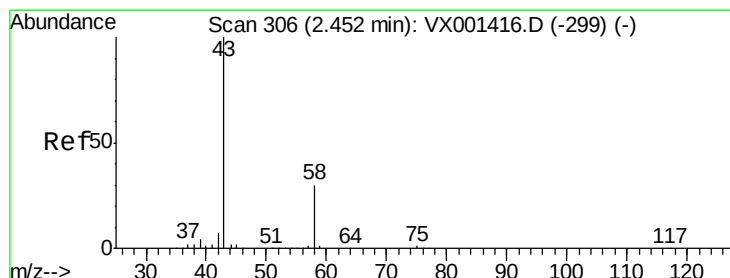
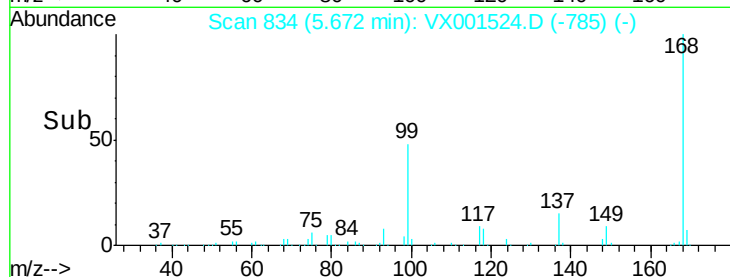
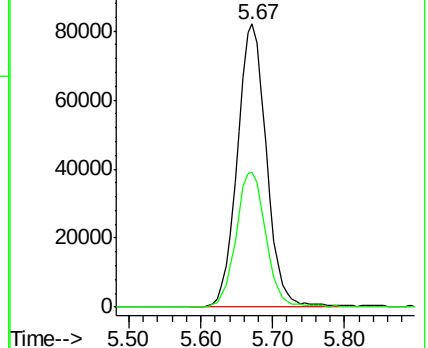
168 100

99 47.7 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.40 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001524.D

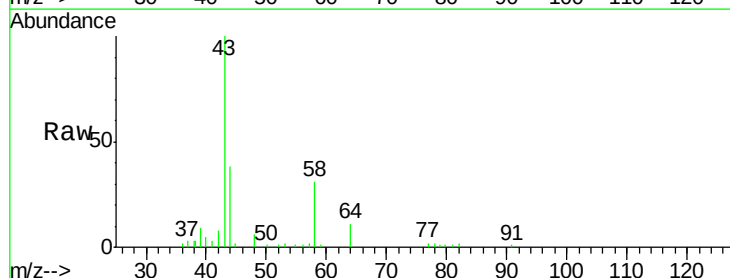
Acq: 08 May 2018 19:47

Tgt Ion: 43 Resp: 9613

Ion Ratio Lower Upper

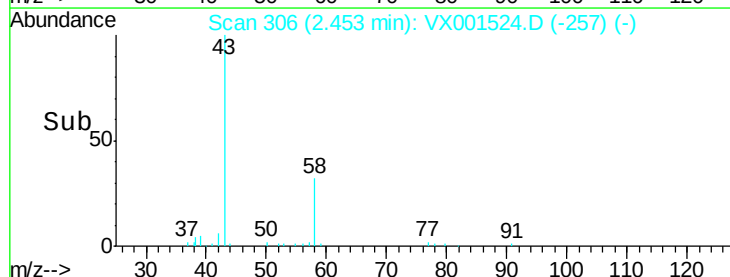
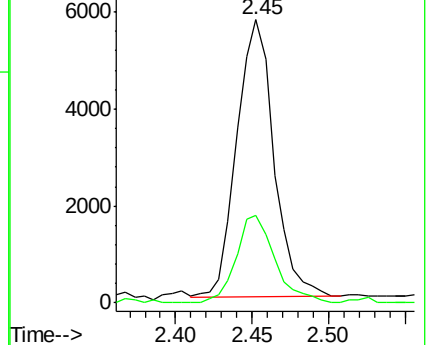
43 100

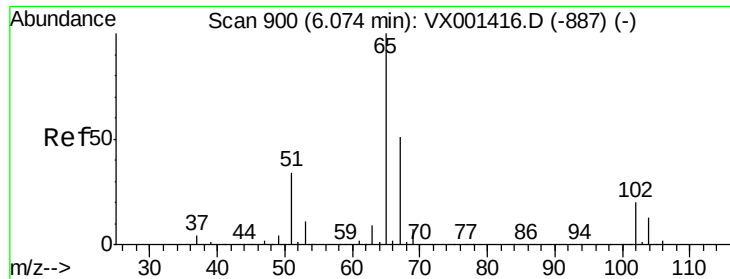
58 31.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

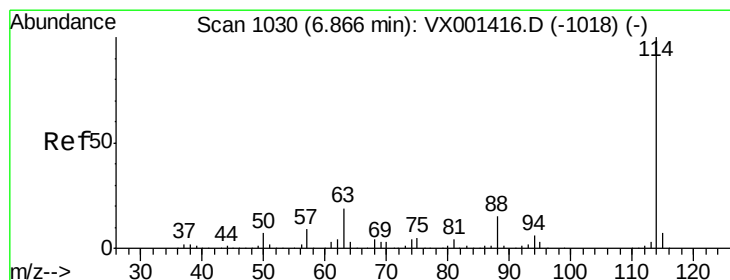
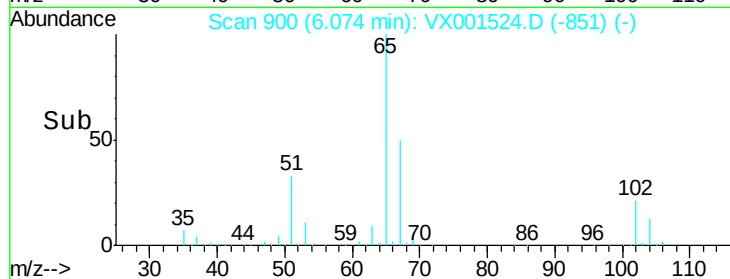
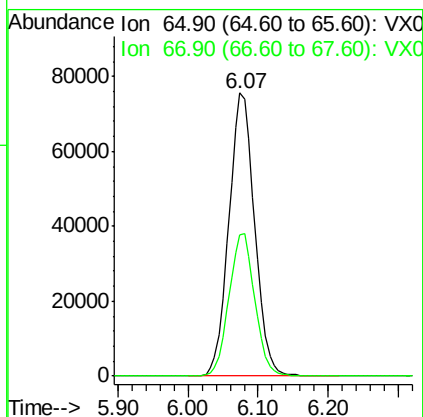
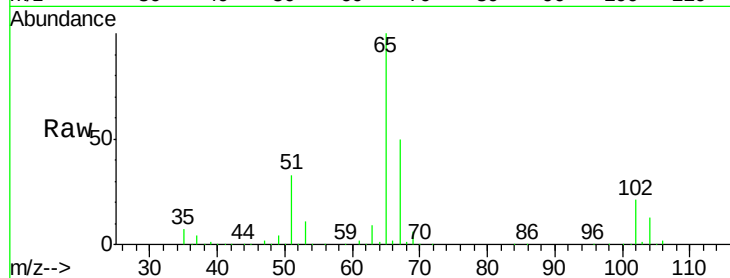




#33  
 1,2-Dichloroethane-d4  
 Concen: 58.60 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VX001524.D  
 Acq: 08 May 2018 19:47

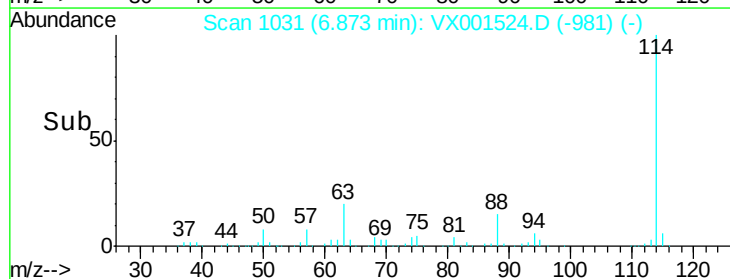
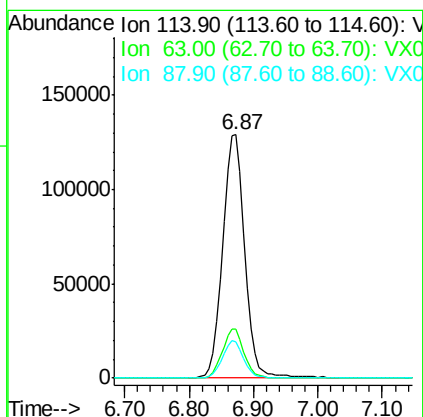
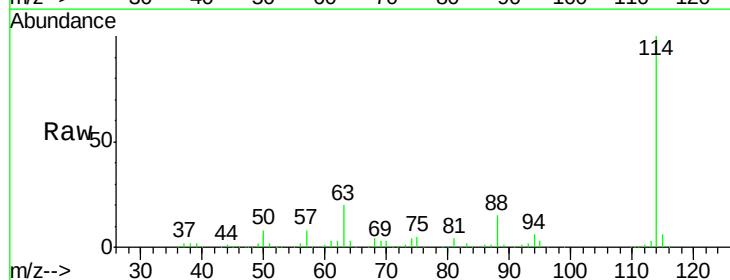
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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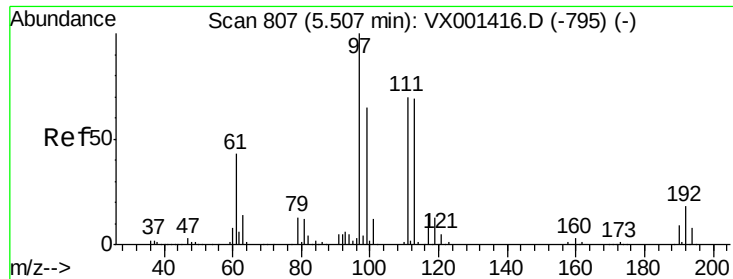
Tot Ion: 65 Resp: 193840  
 Ion Ratio Lower Upper  
 65 100  
 67 50.3 0.0 101.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1031  
 Delta R.T. 0.01 min  
 Lab File: VX001524.D  
 Acq: 08 May 2018 19:47

Tgt Ion: 114 Resp: 313125  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 38.6  
 88 14.7 0.0 30.8

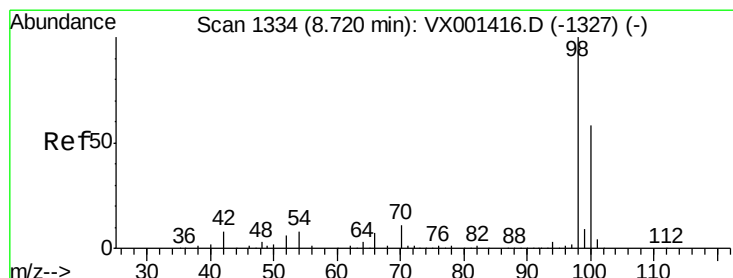
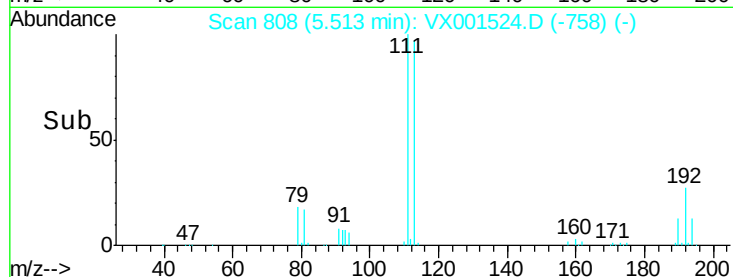
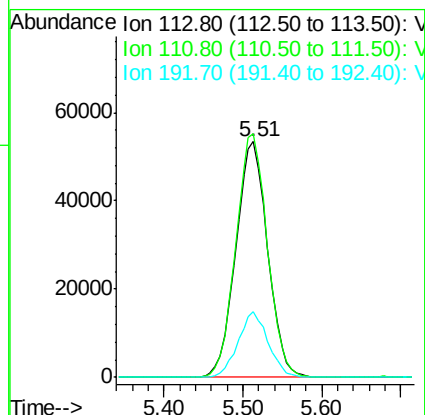
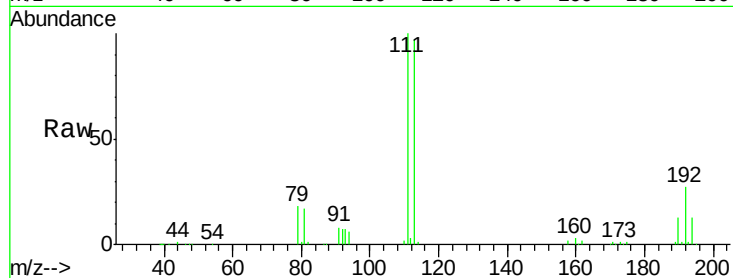




#35  
 Dibromofluoromethane  
 Concen: 53.75 ug/l  
 RT: 5.51 min Scan# 808  
 Delta R.T. 0.01 min  
 Lab File: VX001524.D  
 Acq: 08 May 2018 19:47

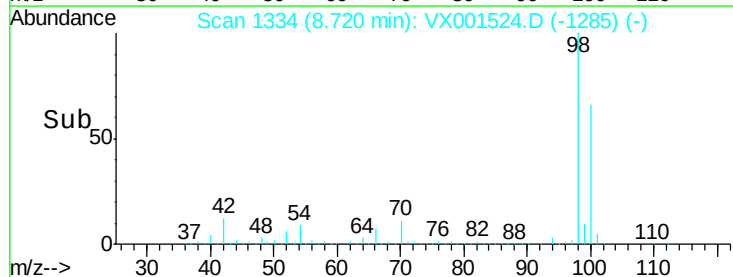
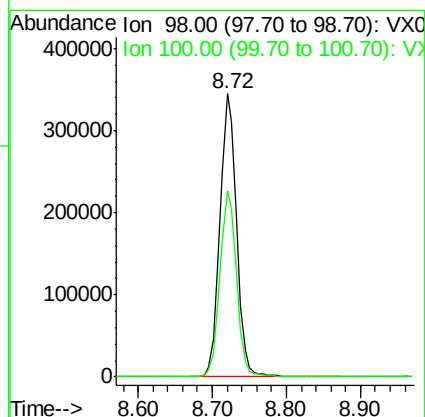
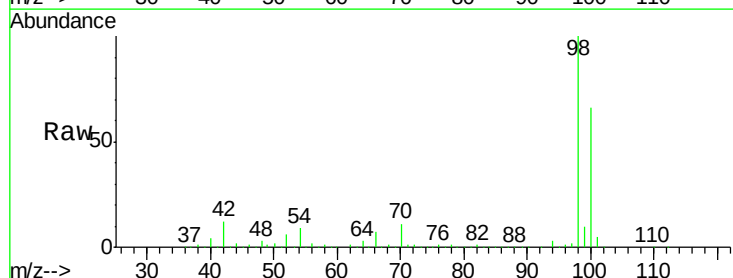
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-DUP06-20180501

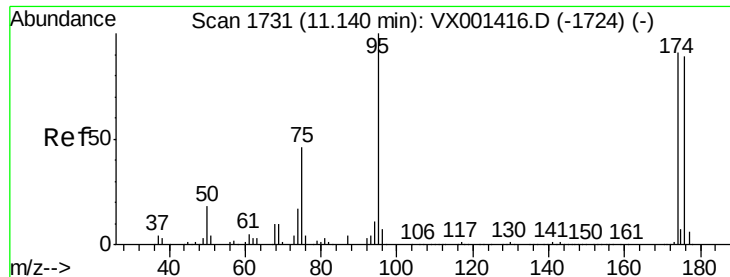
Tot Ion:113 Resp: 149716  
 Ion Ratio Lower Upper  
 113 100  
 111 102.6 82.2 123.2  
 192 26.5 21.4 32.0



#50  
 Toluene-d8  
 Concen: 52.08 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: VX001524.D  
 Acq: 08 May 2018 19:47

Tgt Ion: 98 Resp: 529426  
 Ion Ratio Lower Upper  
 98 100  
 100 65.7 54.0 81.0

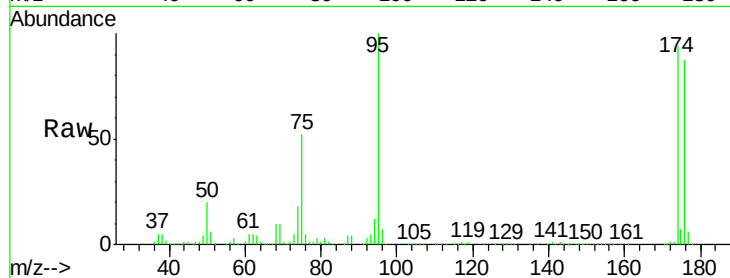




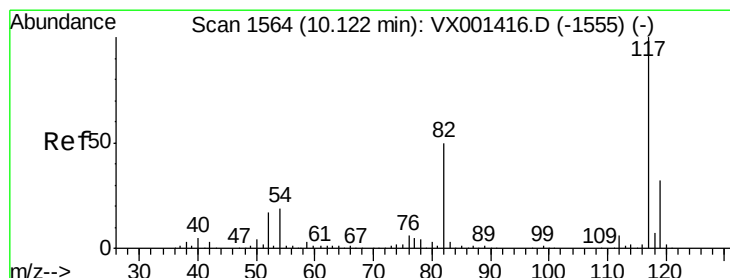
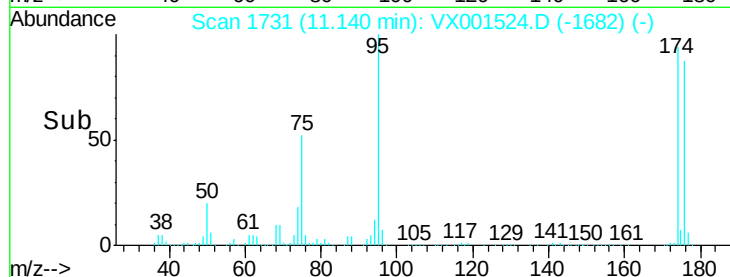
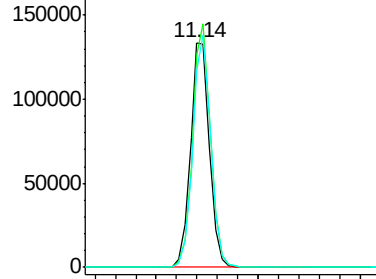
#62  
4-Bromofluorobenzene  
Concen: 44.64 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. 0.00 min  
Lab File: VX001524.D  
Acq: 08 May 2018 19:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-DUP06-20180501

Tot Ion: 95 Resp: 174200  
Ion Ratio Lower Upper  
95 100  
174 101.5 0.0 202.0  
176 97.3 0.0 197.4

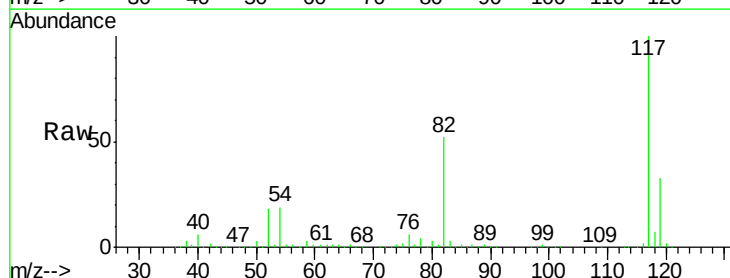


Abundance Ion 94.90 (94.60 to 95.60): VX0  
Ion 173.80 (173.50 to 174.50): V  
Ion 175.80 (175.50 to 176.50): V

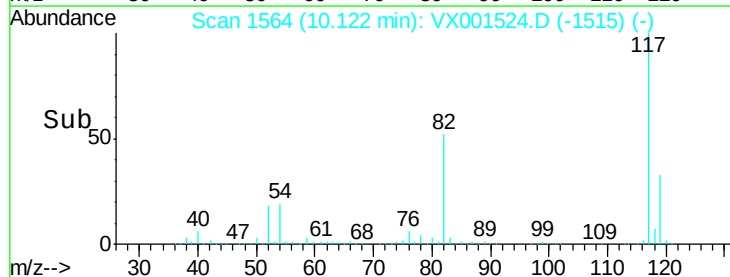
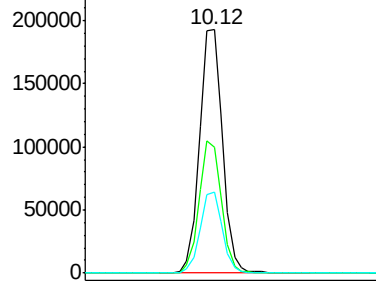


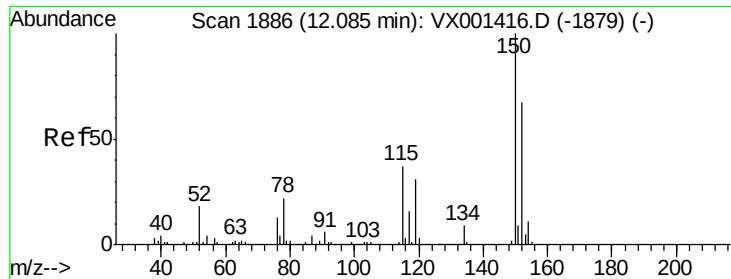
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. 0.00 min  
Lab File: VX001524.D  
Acq: 08 May 2018 19:47

Tgt Ion: 117 Resp: 275118  
Ion Ratio Lower Upper  
117 100  
82 51.6 40.0 60.0  
119 33.1 25.8 38.8



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001524.D

Acq: 08 May 2018 19:47

Instrument :

MSVOA\_X

ClientSampleId :

BP-DUP06-20180501

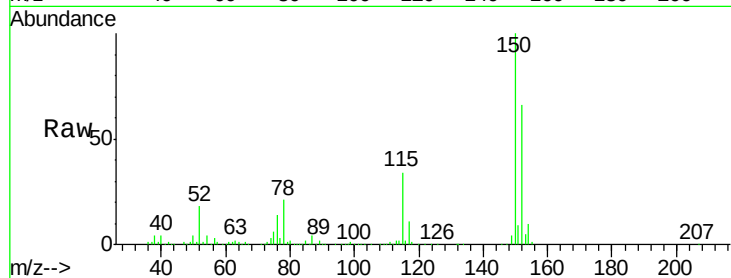
Tot Ion:152 Resp: 152407

Ion Ratio Lower Upper

152 100

115 51.4 37.7 113.1

150 153.7 0.0 349.4



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

