

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\  
 Data File : VX001974.D  
 Acq On : 25 May 2018 13:57  
 Operator : JC/MD  
 Sample : J3111-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB-20180523

Quant Time: May 26 01:53:43 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X052418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 24 13:09:03 2018  
 Response via : Initial Calibration

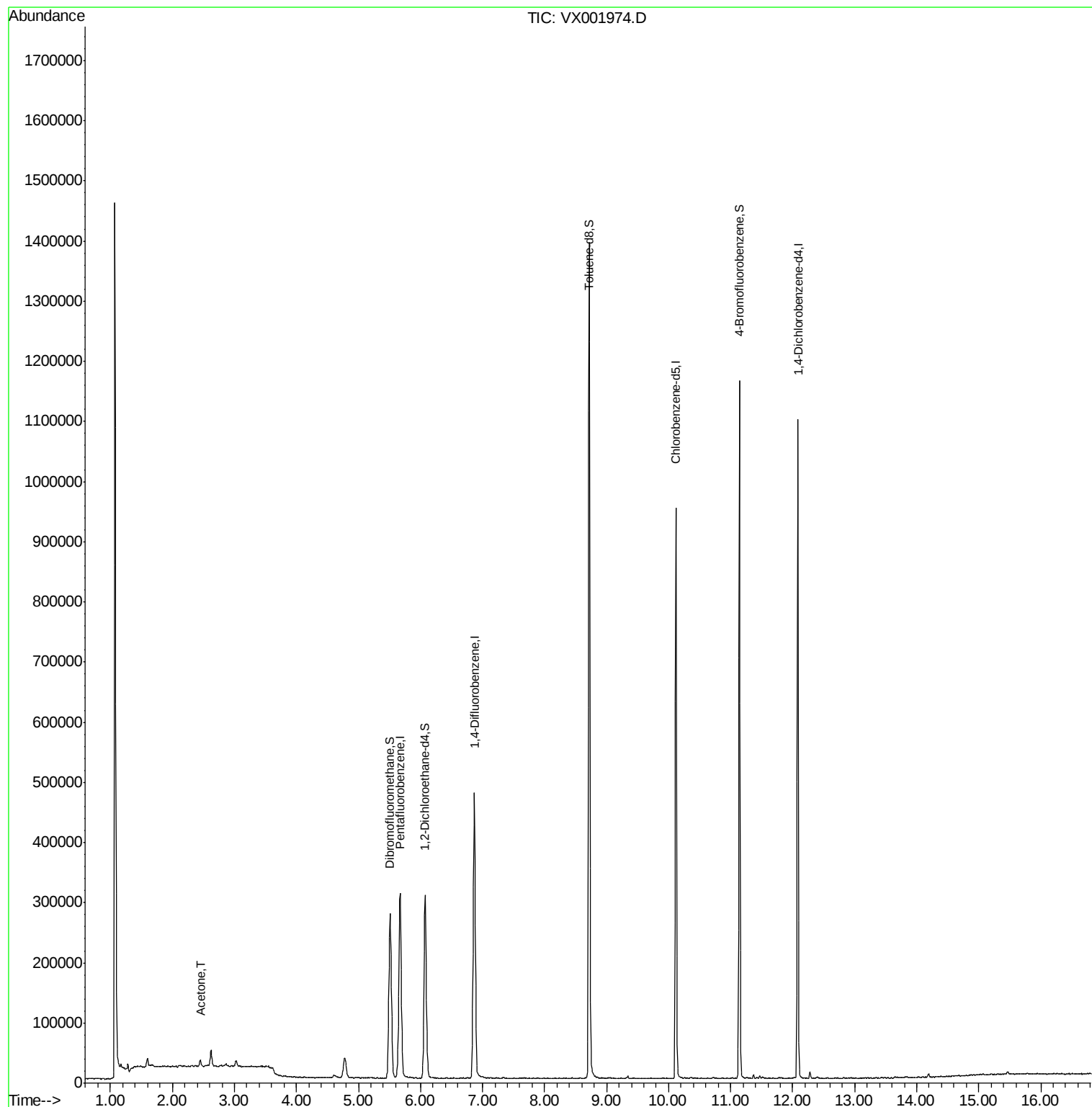
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 310610   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 471414   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 426104   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 226485   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 290588   | 52.34 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.68% |           |
| 35) Dibromofluoromethane    | 5.51  | 113  | 223919   | 47.50 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.00%  |           |
| 50) Toluene-d8              | 8.72  | 98   | 816364   | 47.83 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.66%  |           |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 293790   | 44.00 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 88.00%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.45  | 43   | 13084    | 6.106 | ug/l    | Qvalue 98 |

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

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QLast Update : Thu May 24 13:09:03 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001974.D

Acq: 25 May 2018 13:57

Instrument :

MSVOA\_X

ClientSampleId :

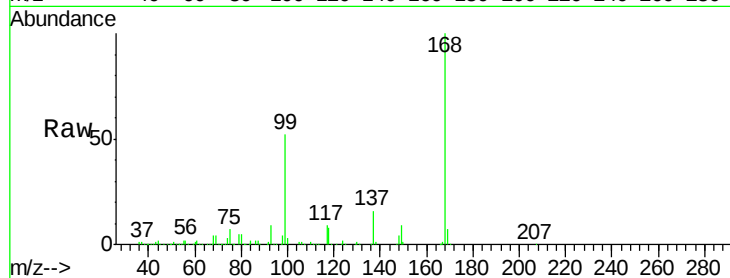
FB-20180523

Tot Ion:168 Resp: 310610

Ion Ratio Lower Upper

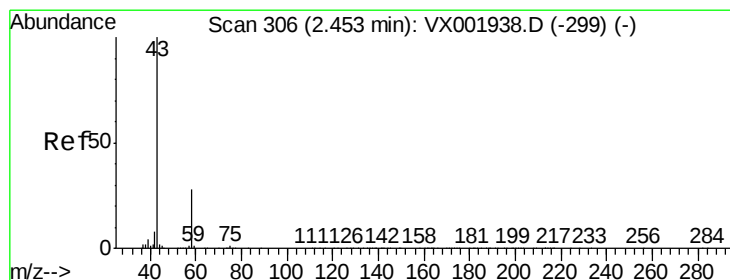
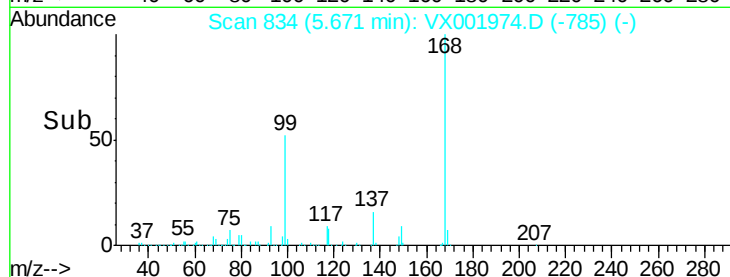
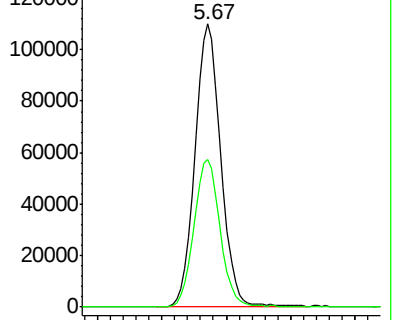
168 100

99 52.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.106 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001974.D

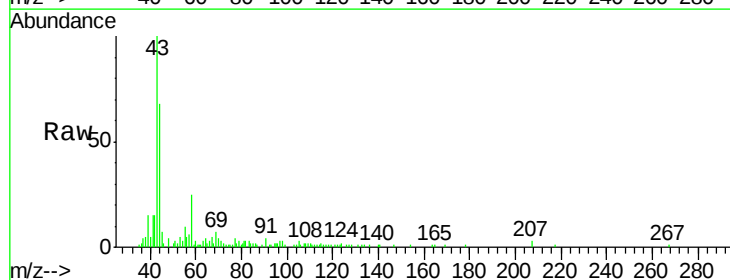
Acq: 25 May 2018 13:57

Tgt Ion: 43 Resp: 13084

Ion Ratio Lower Upper

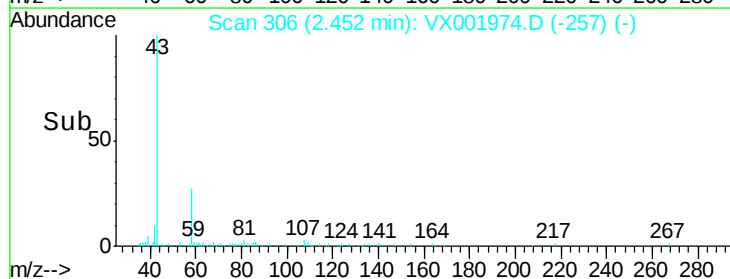
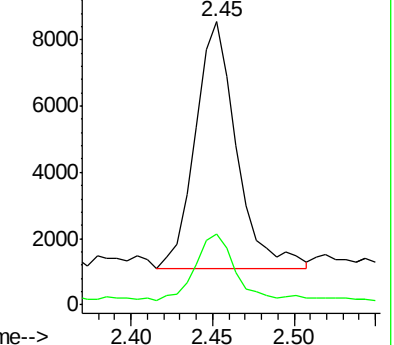
43 100

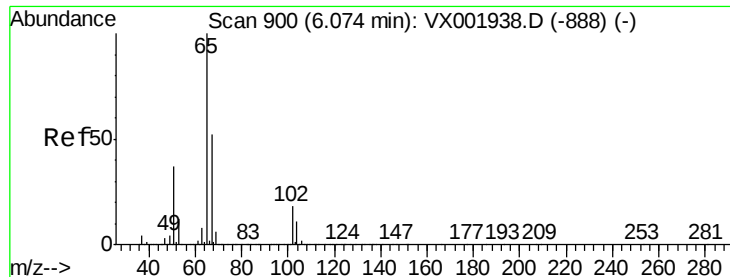
58 26.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

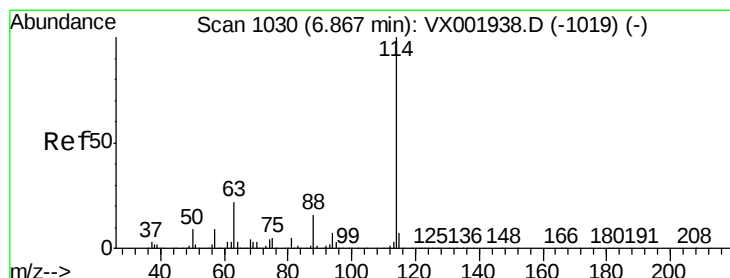
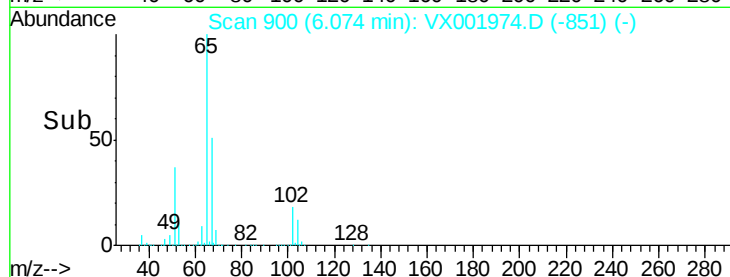
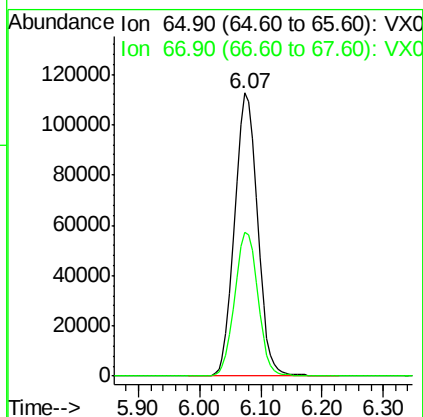
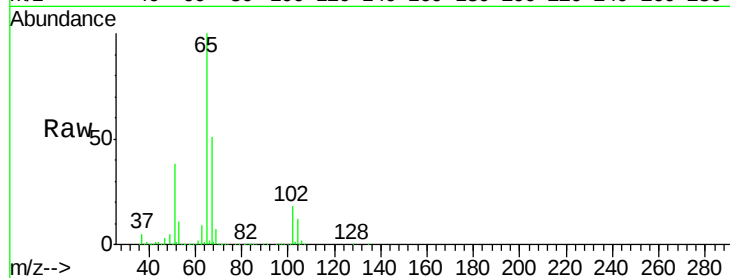




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.338 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: VX001974.D  
 Acq: 25 May 2018 13:57

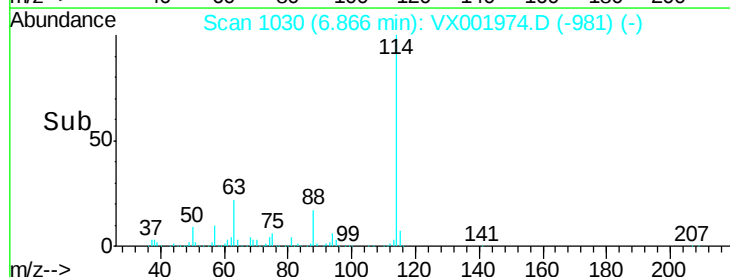
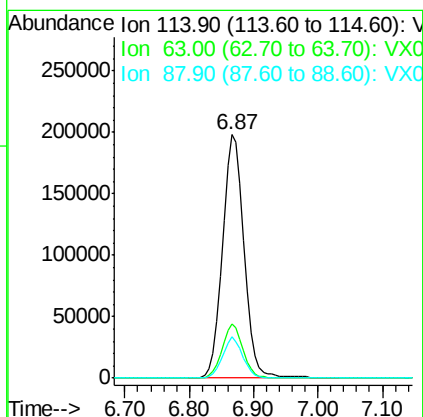
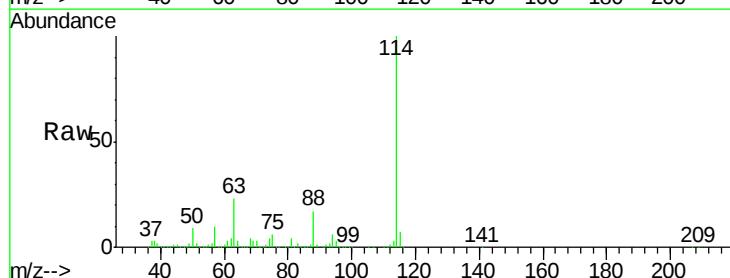
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB-20180523

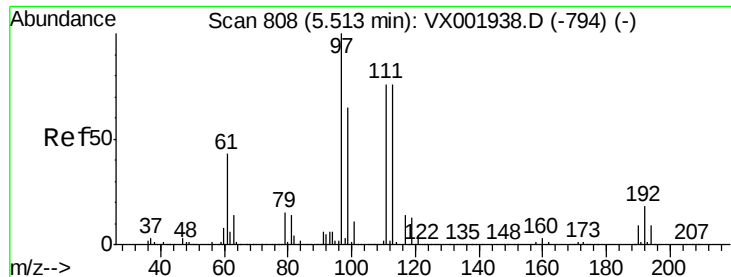
Tot Ion: 65 Resp: 290588  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 0.0 104.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX001974.D  
 Acq: 25 May 2018 13:57

Tgt Ion: 114 Resp: 471414  
 Ion Ratio Lower Upper  
 114 100  
 63 22.5 0.0 43.2  
 88 16.9 0.0 31.6

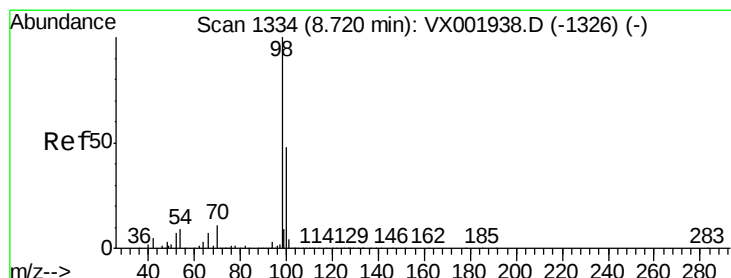
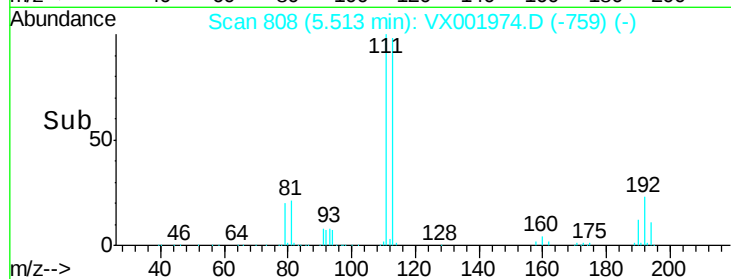
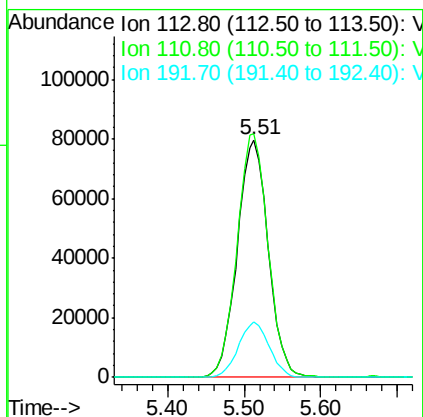
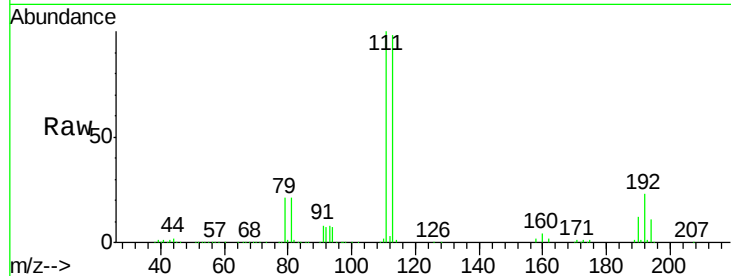




#35  
 Dibromofluoromethane  
 Concen: 47.499 ug/l  
 RT: 5.51 min Scan# 808  
 Delta R.T. -0.00 min  
 Lab File: VX001974.D  
 Acq: 25 May 2018 13:57

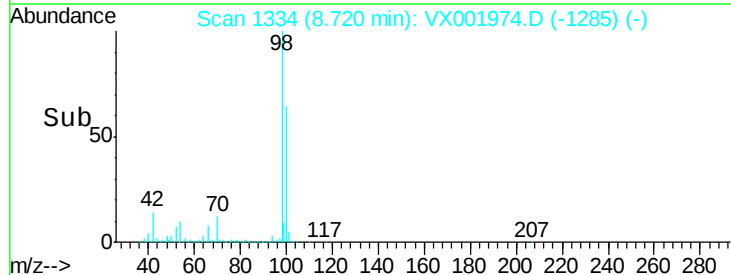
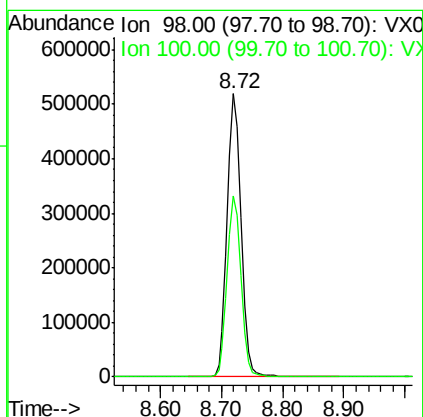
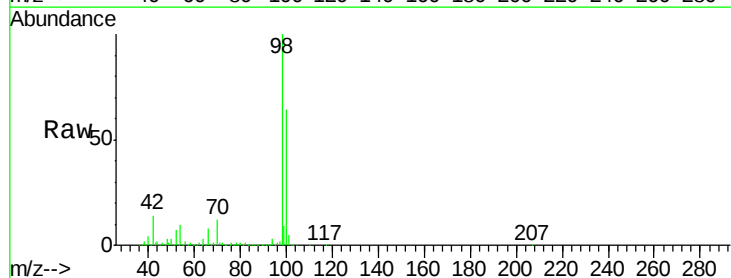
Instrument :  
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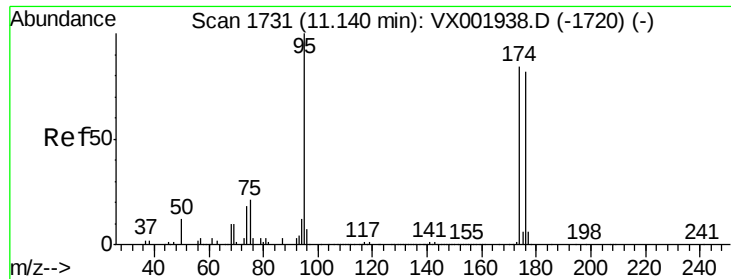
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.5 | 82.0  | 123.0 |
| 192     | 23.3  | 18.9  | 28.3  |



#50  
 Toluene-d8  
 Concen: 47.833 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: VX001974.D  
 Acq: 25 May 2018 13:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.0  | 51.5  | 77.3  |

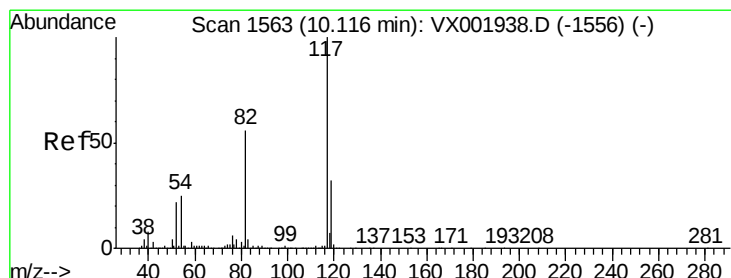
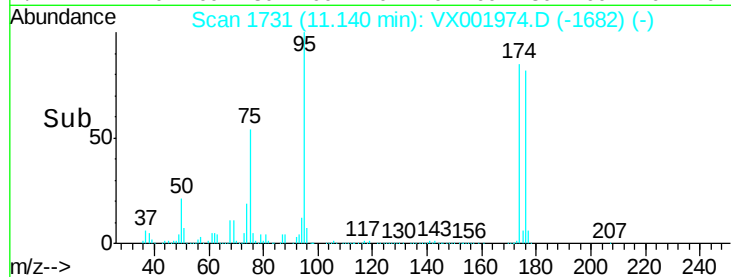
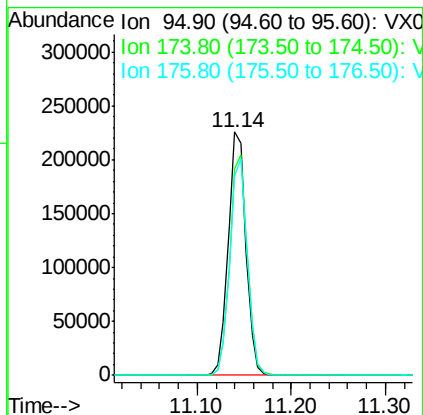
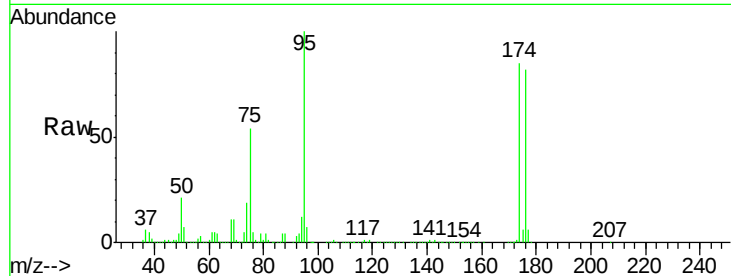




#62  
4-Bromofluorobenzene  
Concen: 43.997 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. -0.00 min  
Lab File: VX001974.D  
Acq: 25 May 2018 13:57

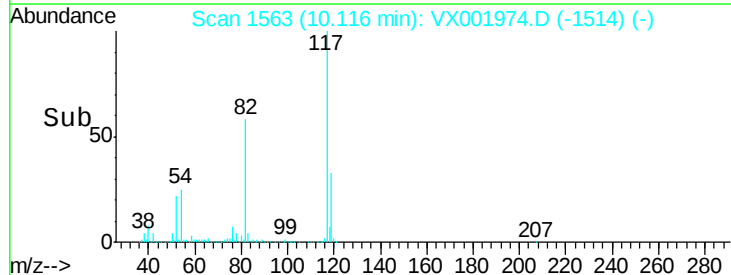
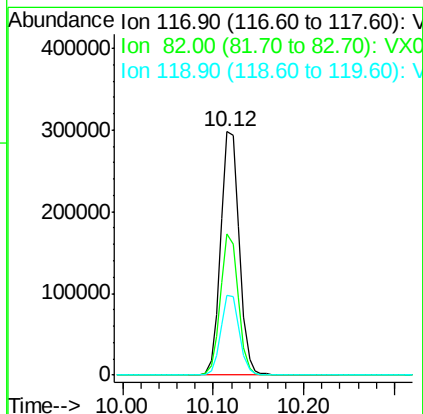
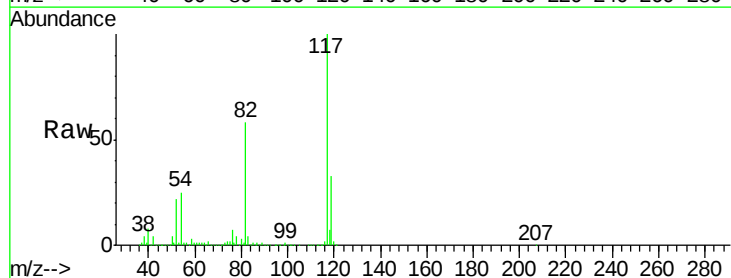
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB-20180523

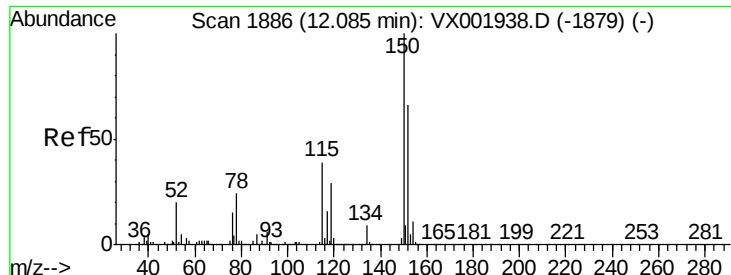
Tot Ion: 95 Resp: 293790  
Ion Ratio Lower Upper  
95 100  
174 90.2 0.0 178.8  
176 88.1 0.0 175.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX001974.D  
Acq: 25 May 2018 13:57

Tgt Ion: 117 Resp: 426104  
Ion Ratio Lower Upper  
117 100  
82 57.8 44.8 67.2  
119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001974.D

Acq: 25 May 2018 13:57

Instrument :

MSVOA\_X

ClientSampleId :

FB-20180523

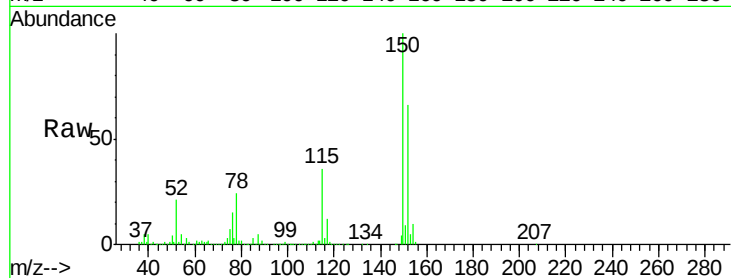
Tot Ion:152 Resp: 226485

Ion Ratio Lower Upper

152 100

115 55.6 42.3 126.8

150 154.7 0.0 351.0



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

