

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\  
 Data File : VX001574.D  
 Acq On : 10 May 2018 00:14  
 Operator : JC/MD  
 Sample : VX0509MBL01  
 Misc : 5.0µ/10mL/100ul/5mL/MSVOA\_X/MEOH  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0509MBL01

Quant Time: May 10 05:10:10 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  | 234522   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 314896   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 267003   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 131977   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 185300   | 54.97 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 109.94% |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 146424   | 52.28 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.56% |      |
| 50) Toluene-d8              | 8.72   | 98  | 513690   | 50.24 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.48% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 153391   | 39.08 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 78.16%  |      |

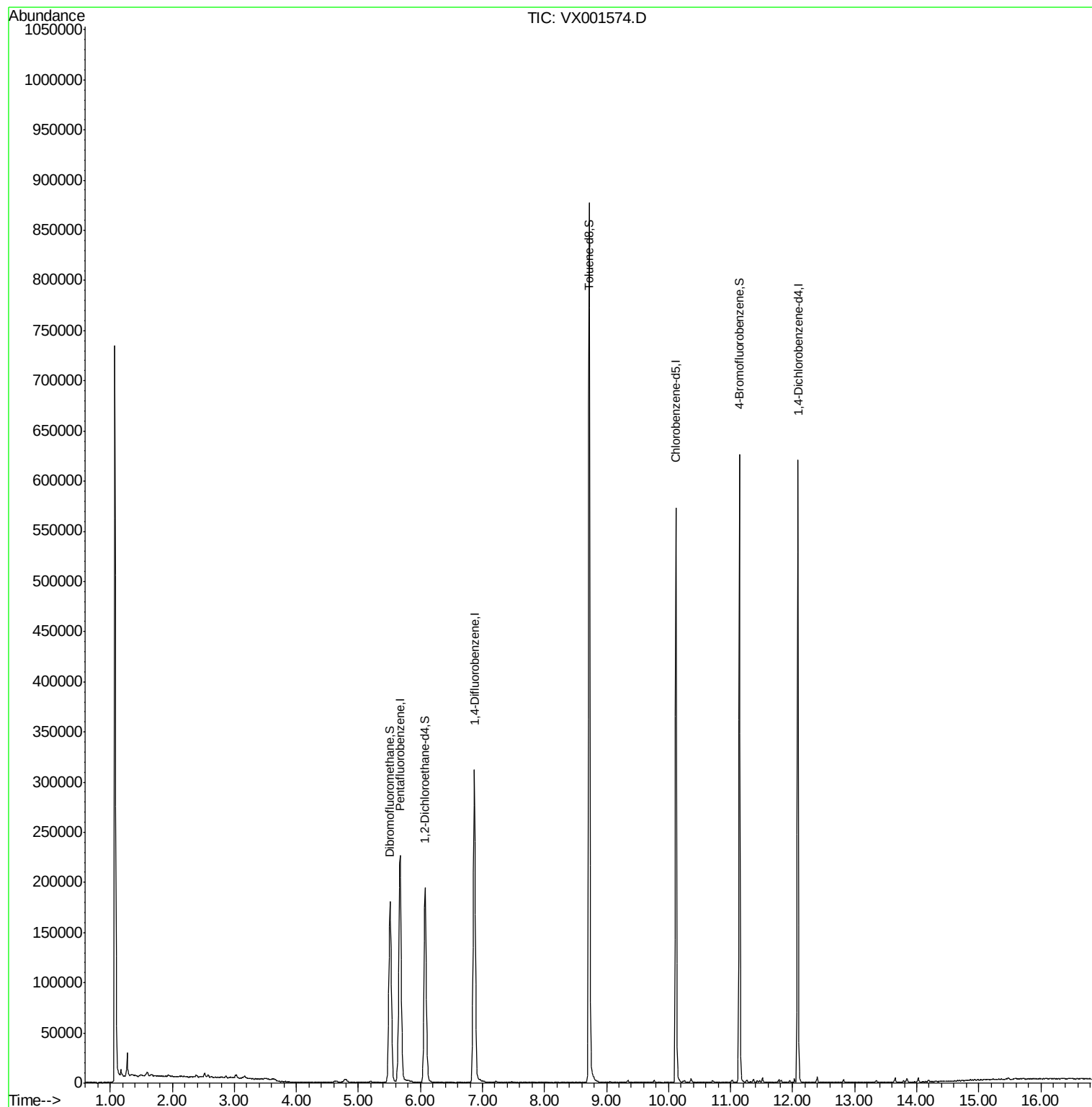
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

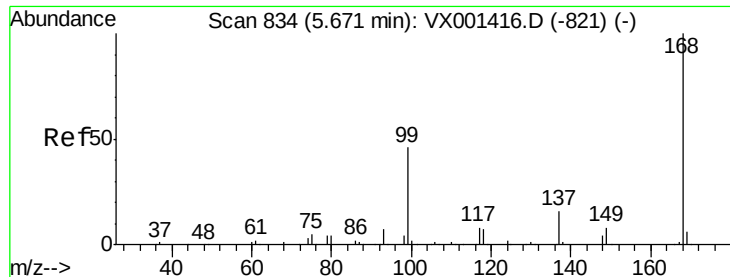
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\  
Data File : VX001574.D  
Acq On : 10 May 2018 00:14  
Operator : JC/MD  
Sample : VX0509MBL01  
Misc : 5.0g/10mL/100ul/5mL/MSVOA\_X/MEOH  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0509MBL01

Quant Time: May 10 05:10:10 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001574.D

Acq: 10 May 2018 00:14

Instrument :

MSVOA\_X

ClientSampleId :

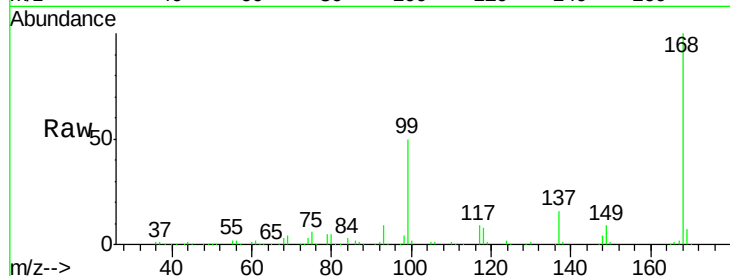
VX0509MBL01

Tot Ion:168 Resp: 234522

Ion Ratio Lower Upper

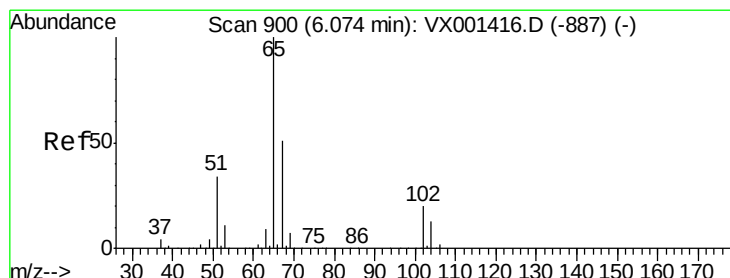
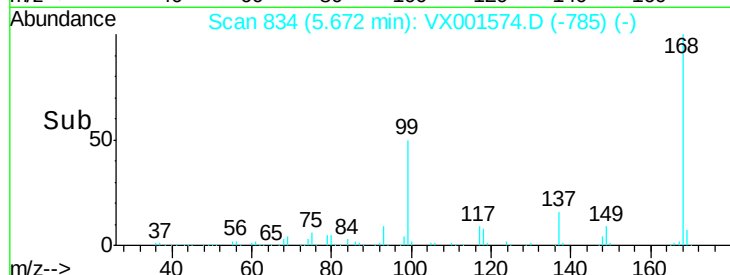
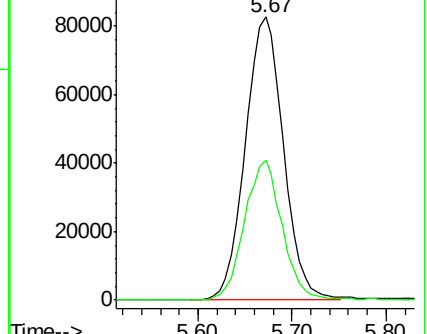
168 100

99 49.7 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.97 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001574.D

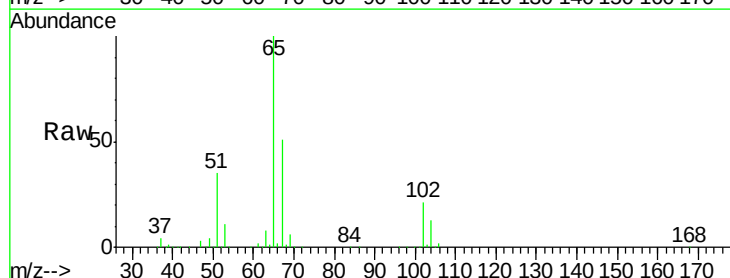
Acq: 10 May 2018 00:14

Tgt Ion: 65 Resp: 185300

Ion Ratio Lower Upper

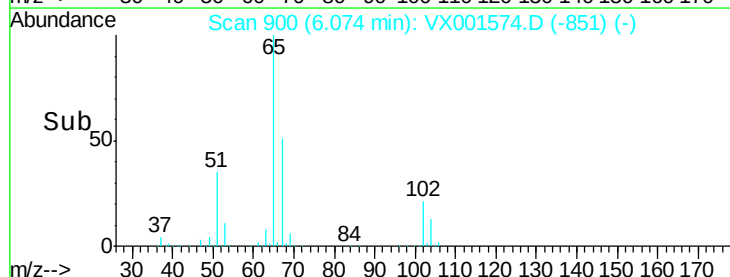
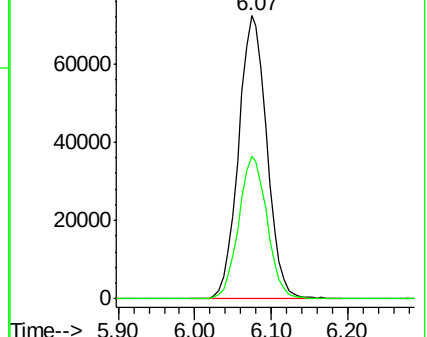
65 100

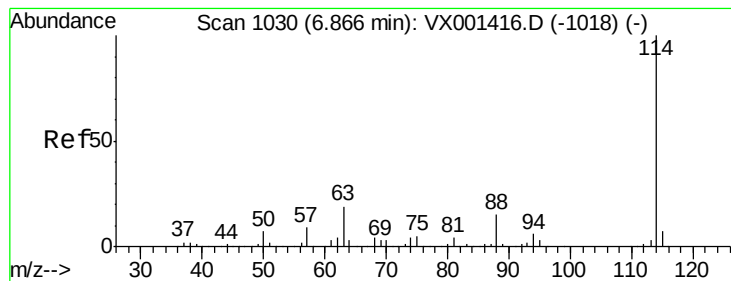
67 50.5 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001574.D

Acq: 10 May 2018 00:14

Instrument :

MSVOA\_X

ClientSampleId :

VX0509MBL01

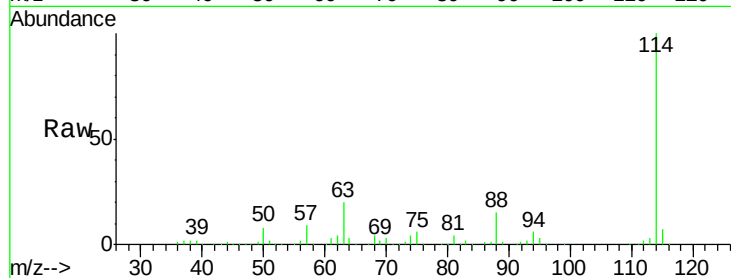
Tot Ion:114 Resp: 314896

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.6

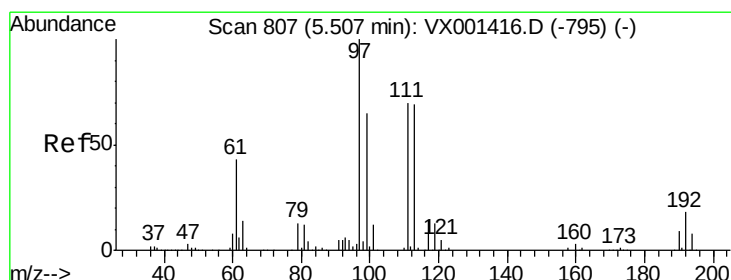
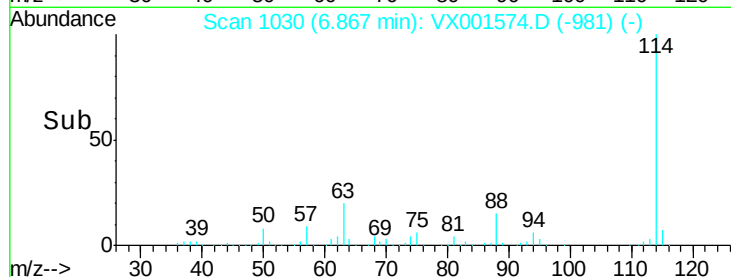
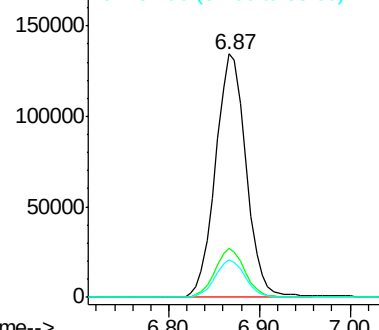
88 15.4 0.0 30.8



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: 52.28 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001574.D

Acq: 10 May 2018 00:14

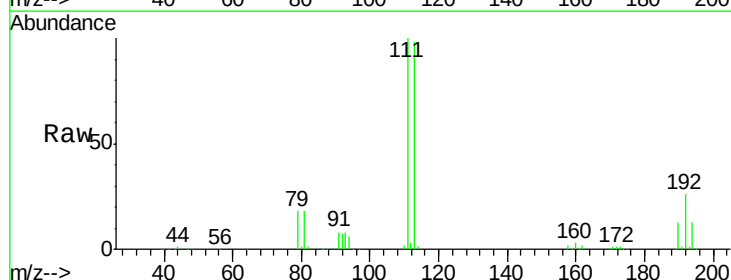
Tgt Ion:113 Resp: 146424

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

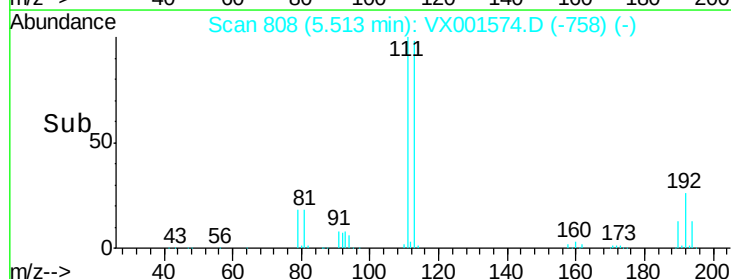
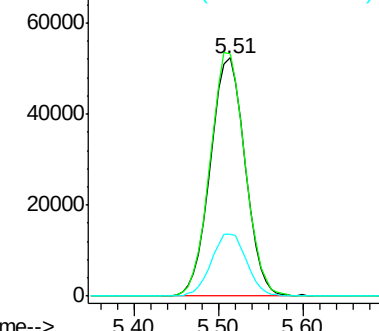
192 26.6 21.4 32.0

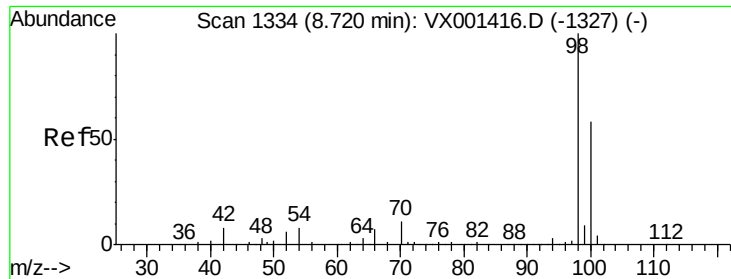


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

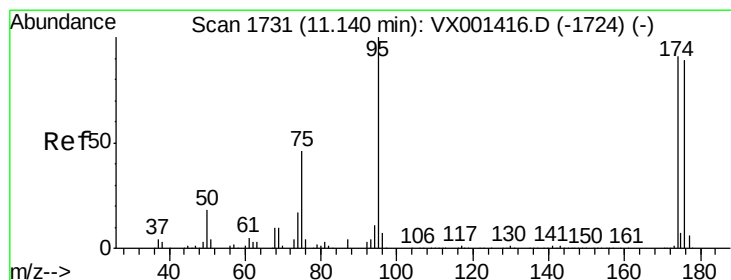
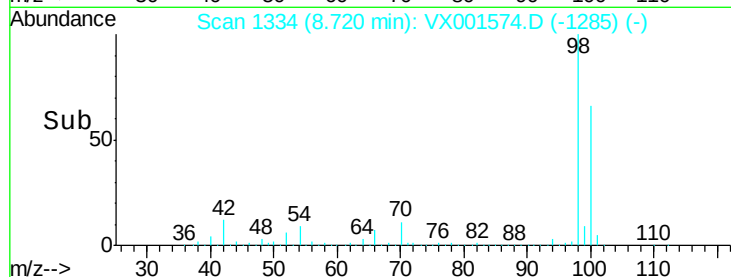
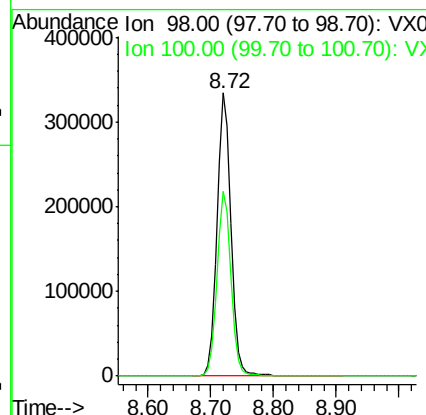
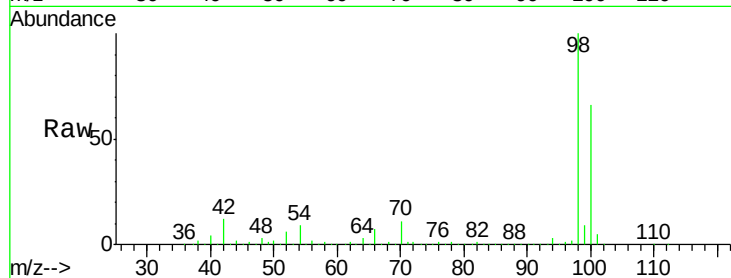




#50  
Toluene-d8  
Concen: 50.24 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX001574.D  
Acq: 10 May 2018 00:14

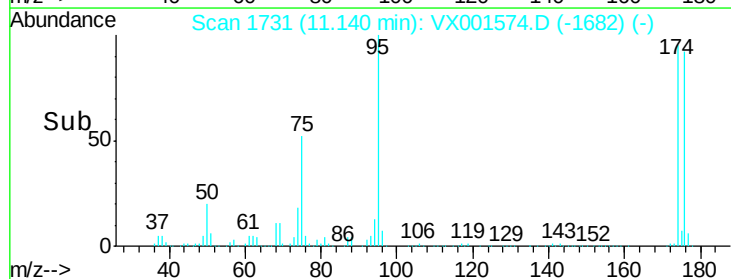
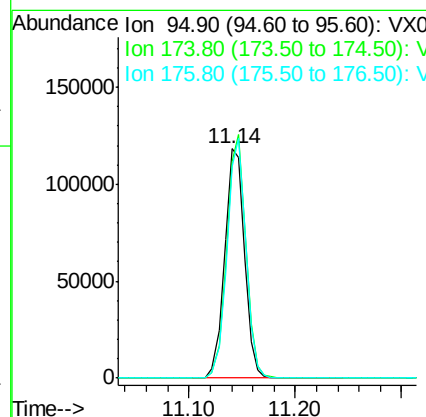
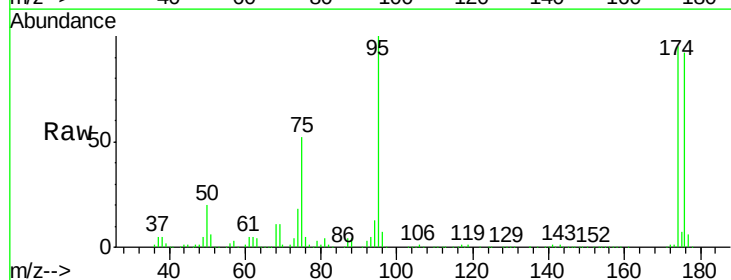
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0509MBL01

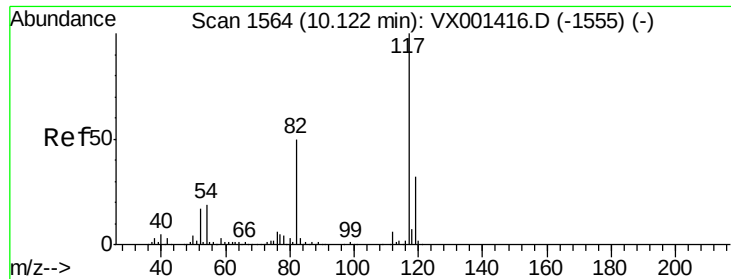
Tot Ion: 98 Resp: 513690  
Ion Ratio Lower Upper  
98 100  
100 65.8 54.0 81.0



#62  
4-Bromofluorobenzene  
Concen: 39.08 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. 0.00 min  
Lab File: VX001574.D  
Acq: 10 May 2018 00:14

Tgt Ion: 95 Resp: 153391  
Ion Ratio Lower Upper  
95 100  
174 102.5 0.0 202.0  
176 100.0 0.0 197.4

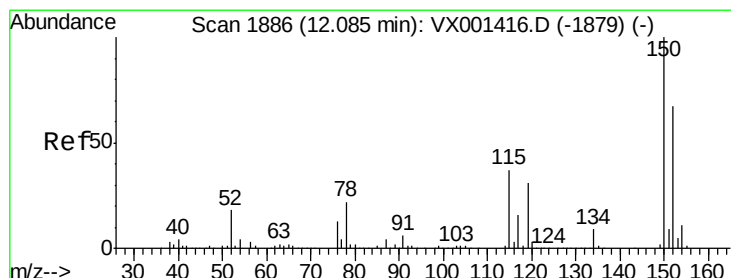
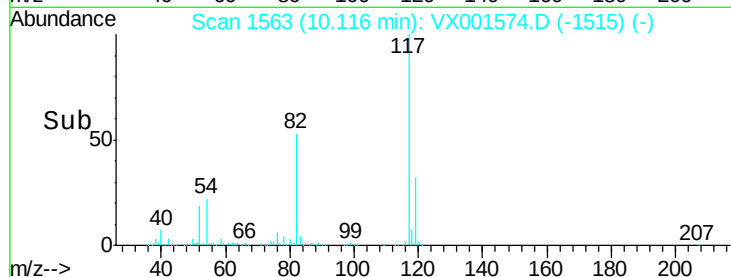
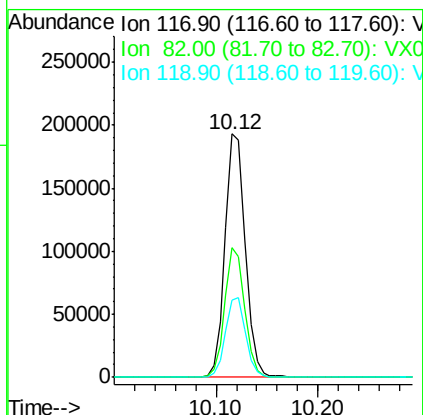
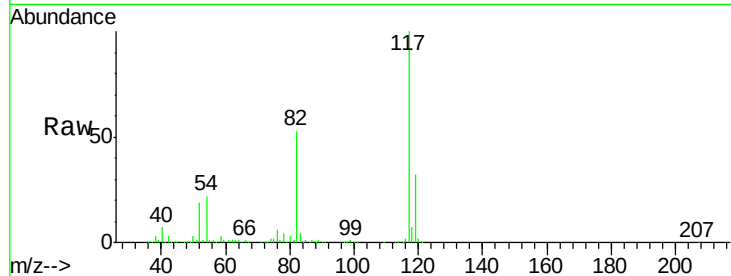




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.01 min  
Lab File: VX001574.D  
Acq: 10 May 2018 00:14

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0509MBL01

Tot Ion:117 Resp: 267003  
Ion Ratio Lower Upper  
117 100  
82 53.2 40.0 60.0  
119 31.8 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX001574.D  
Acq: 10 May 2018 00:14

Tgt Ion:152 Resp: 131977  
Ion Ratio Lower Upper  
152 100  
115 53.0 37.7 113.1  
150 157.2 0.0 349.4

