

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\  
 Data File : VX016237.D  
 Acq On : 14 May 2020 17:31  
 Operator : JC/SP  
 Sample : L2643-16  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS052MW750-200513

Quant Time: May 15 04:04:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X050420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 06 06:43:32 2020  
 Response via : Initial Calibration

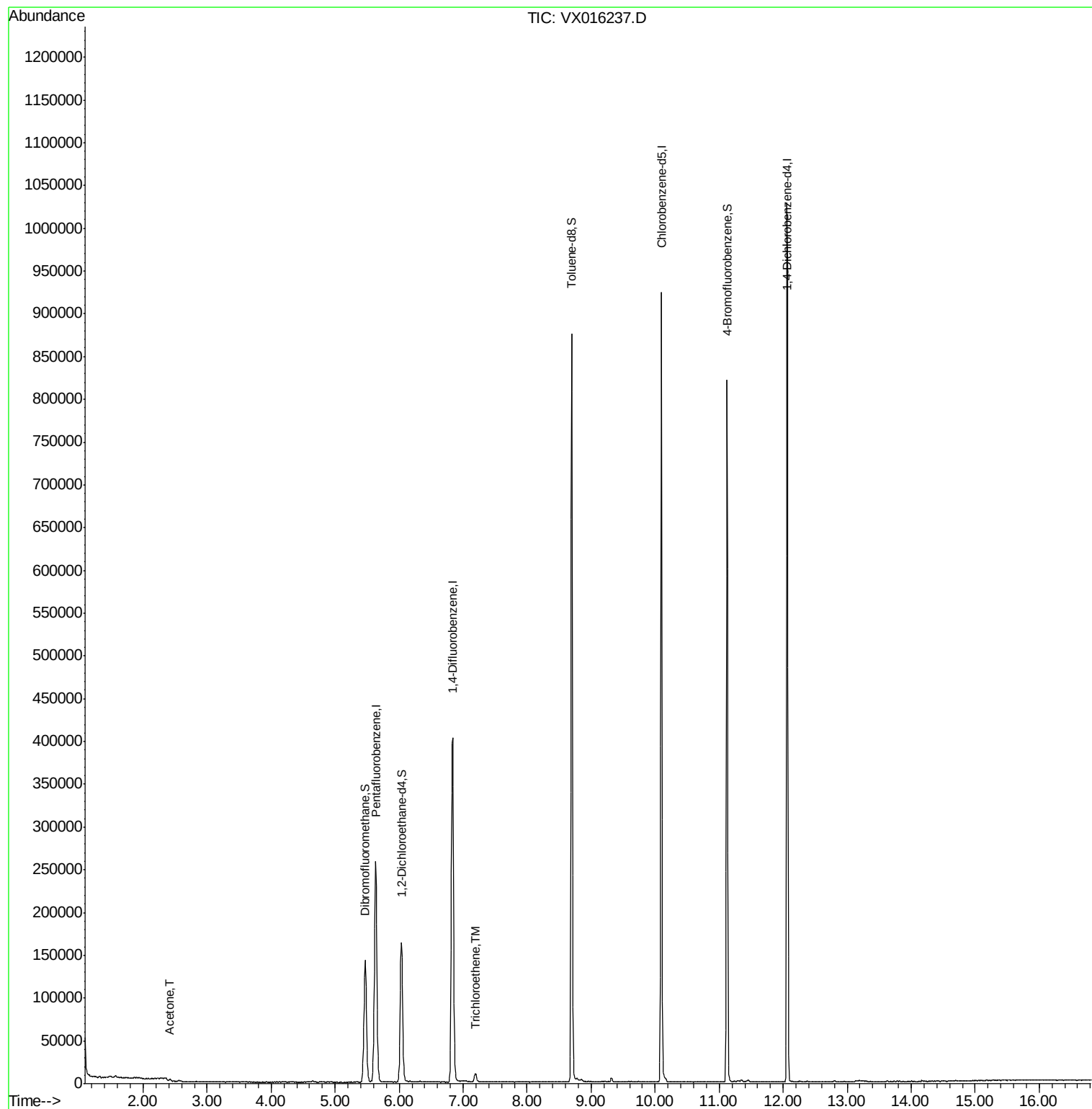
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 249717   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 418185   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 417651   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 214056   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 156210   | 47.54 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.08%  |          |
| 35) Dibromofluoromethane    | 5.48  | 113  | 126026   | 47.57 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.14%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 521457   | 51.08 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.16% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 207182   | 53.36 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.72% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.42  | 43   | 2124     | 1.449 | ug/l    | 91       |
| 44) Trichloroethene         | 7.19  | 130  | 3656     | 0.854 | ug/l    | 99       |

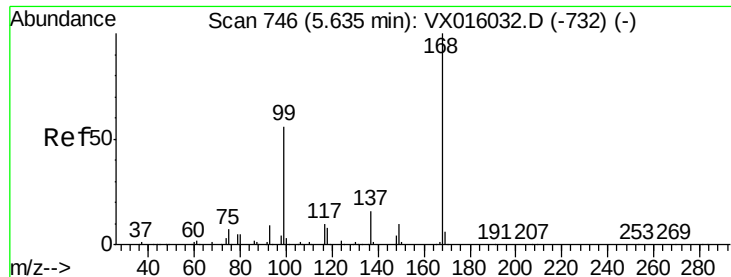
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed May 06 06:43:32 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016237.D

Acq: 14 May 2020 17:31

Instrument :

MSVOA\_X

ClientSampleId :

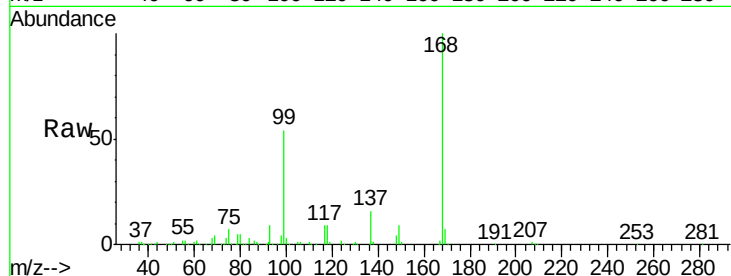
SS052MW750-200513

Tot Ion:168 Resp: 249717

Ion Ratio Lower Upper

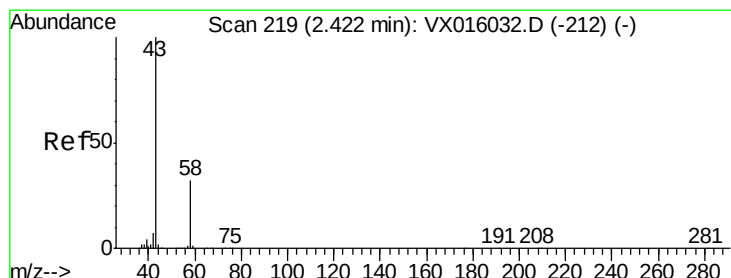
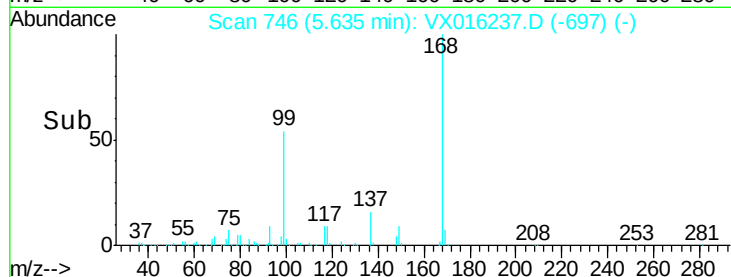
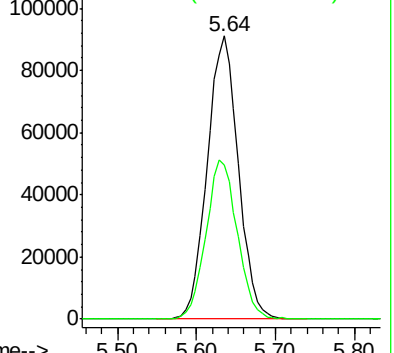
168 100

99 54.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.449 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016237.D

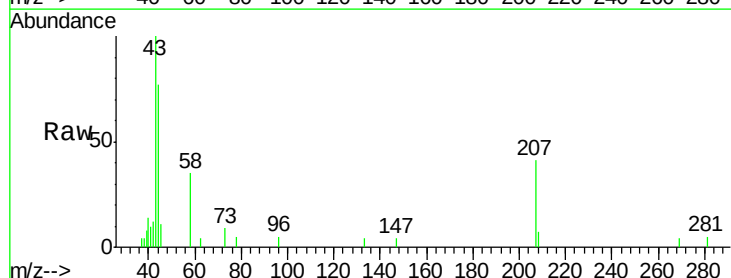
Acq: 14 May 2020 17:31

Tgt Ion: 43 Resp: 2124

Ion Ratio Lower Upper

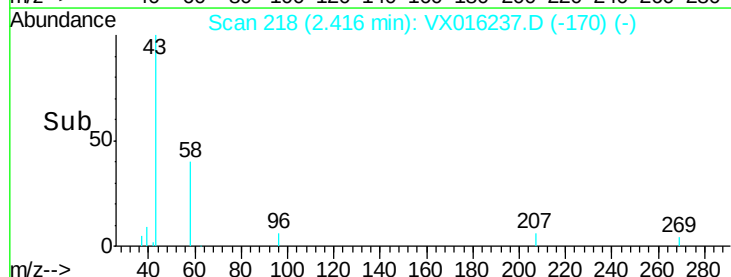
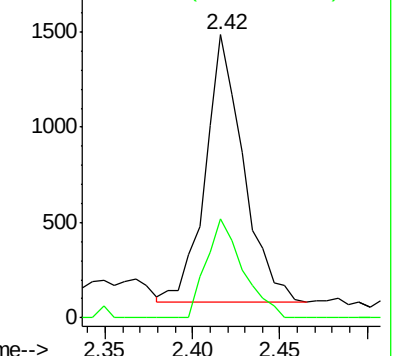
43 100

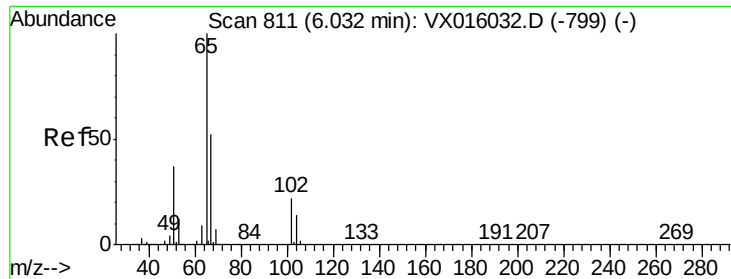
58 36.9 25.4 38.0



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: 47.538 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016237.D

Acq: 14 May 2020 17:31

Instrument :

MSVOA\_X

ClientSampleId :

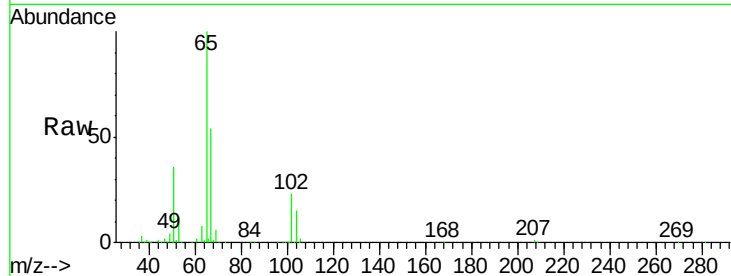
SS052MW750-200513

Tot Ion: 65 Resp: 156210

Ion Ratio Lower Upper

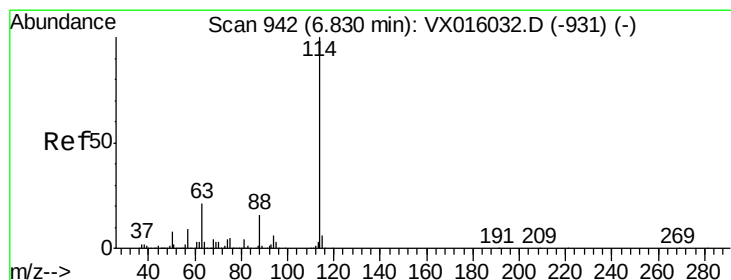
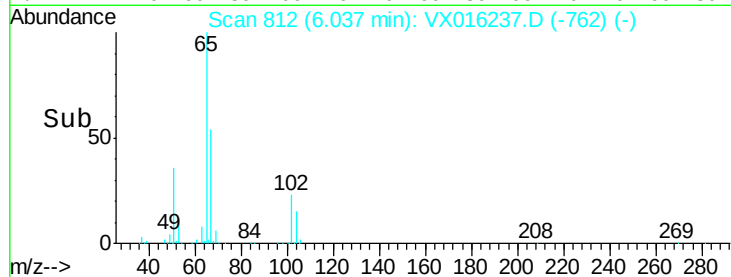
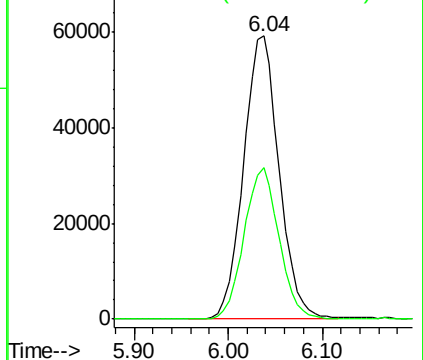
65 100

67 52.9 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016237.D

Acq: 14 May 2020 17:31

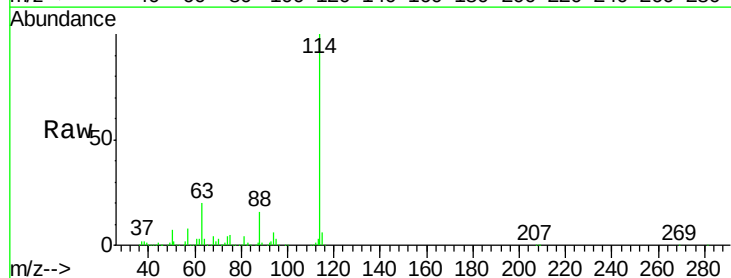
Tgt Ion: 114 Resp: 418185

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

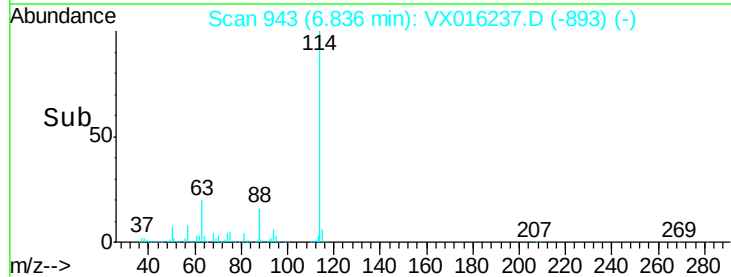
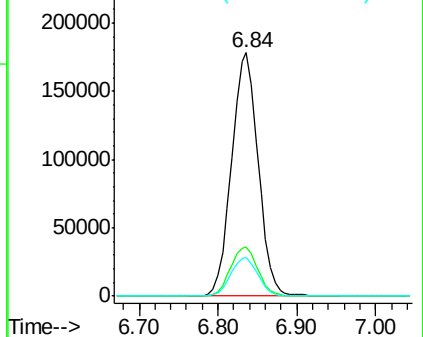
88 15.8 0.0 31.4

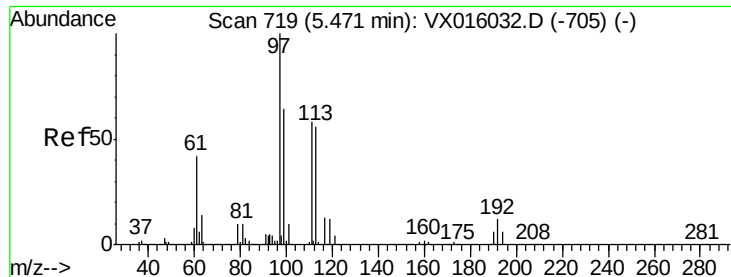


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

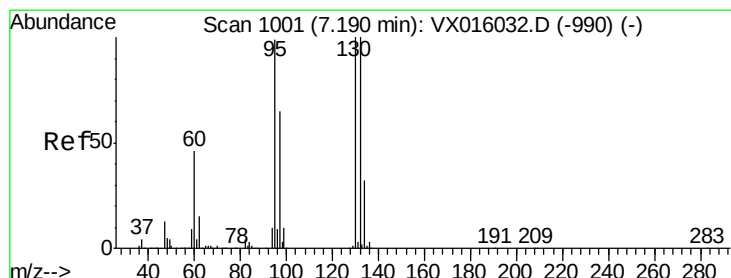
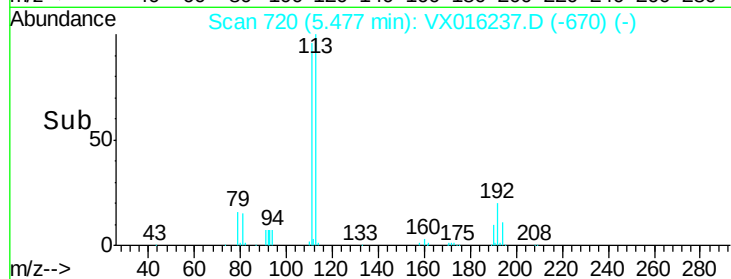
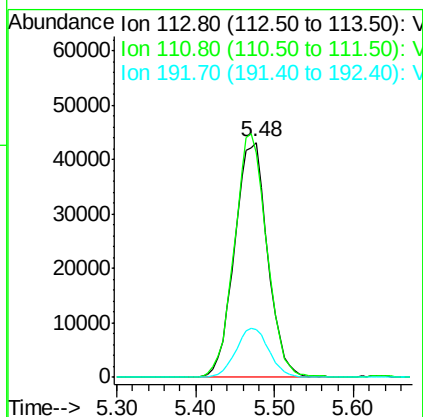
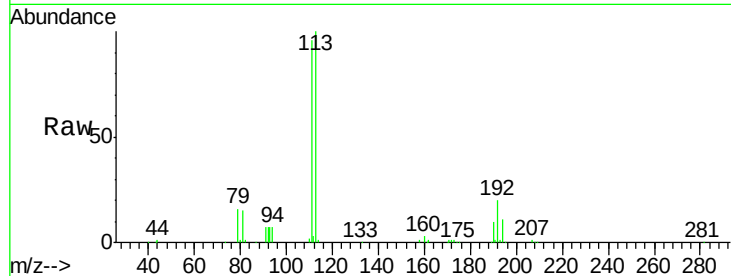




#35  
 Dibromofluoromethane  
 Concen: 47.568 ug/l  
 RT: 5.48 min Scan# 720  
 Delta R.T. 0.01 min  
 Lab File: VX016237.D  
 Acq: 14 May 2020 17:31

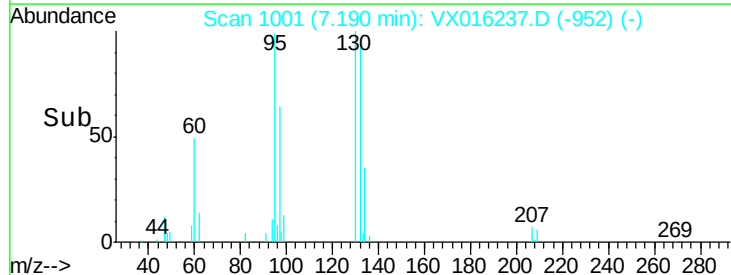
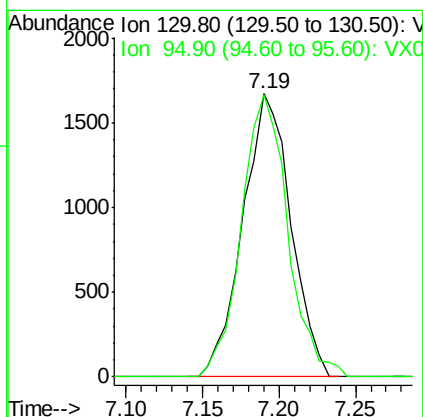
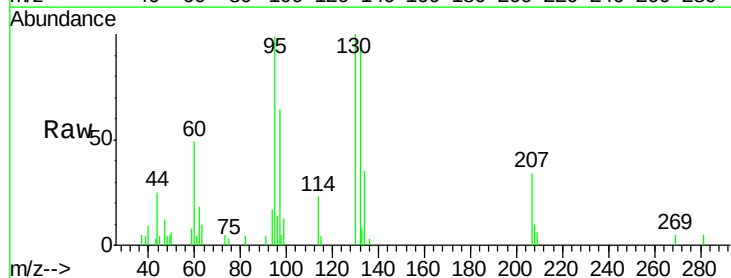
Instrument :  
 MSVOA\_X  
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 SS052MW750-200513

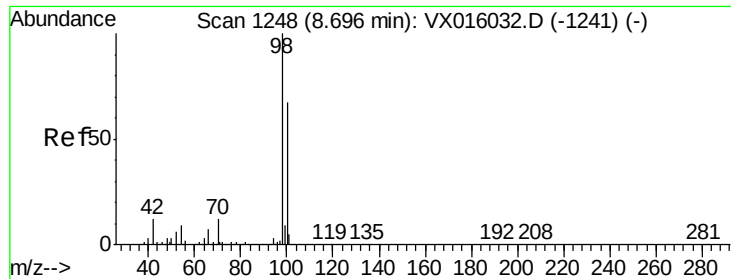
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.4 | 81.6  | 122.4 |
| 192     | 21.1  | 17.0  | 25.4  |



#44  
 Trichloroethene  
 Concen: 0.854 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VX016237.D  
 Acq: 14 May 2020 17:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 99.5  | 0.0   | 197.4 |

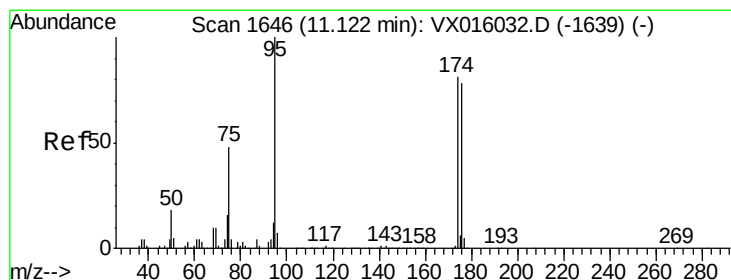
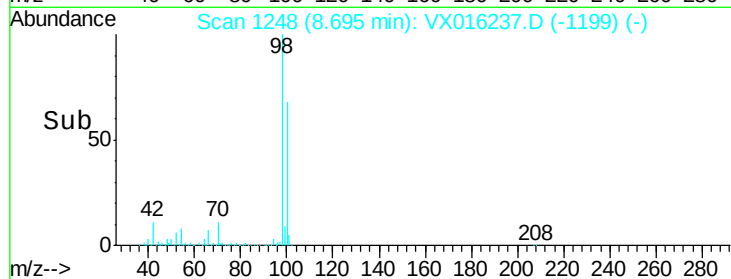
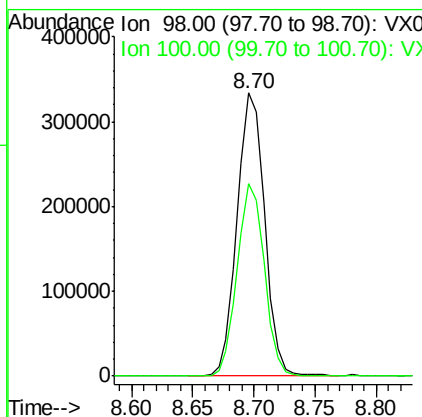
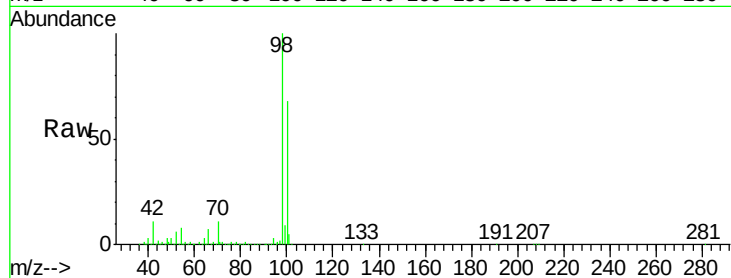




#50  
Toluene-d8  
Concen: 51.082 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX016237.D  
Acq: 14 May 2020 17:31

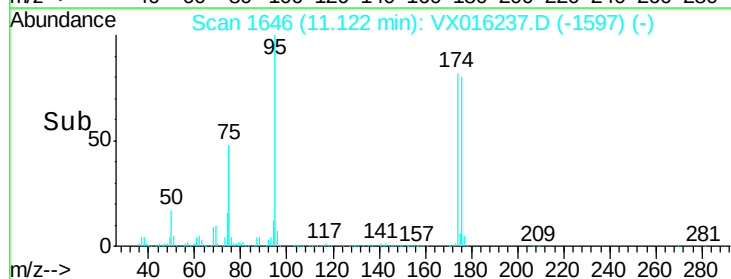
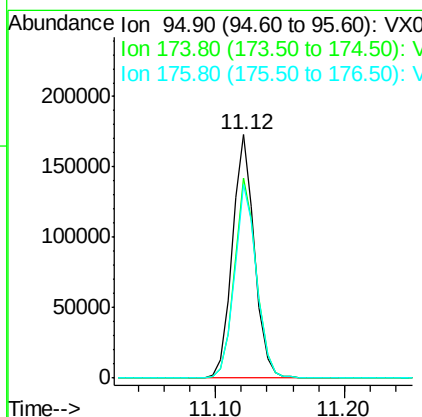
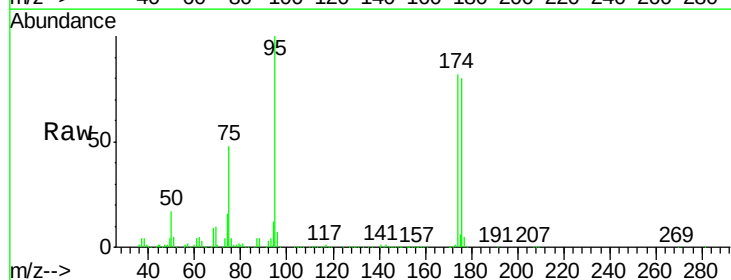
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS052MW750-200513

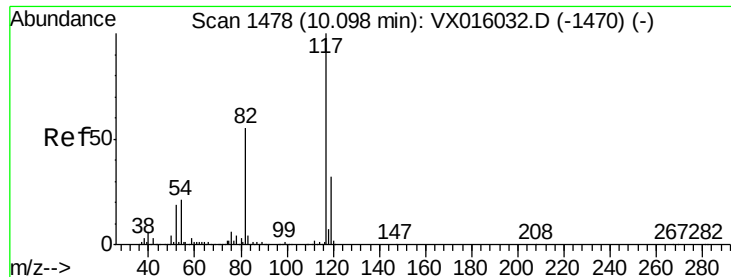
Tot Ion: 98 Resp: 521457  
Ion Ratio Lower Upper  
98 100  
100 67.1 53.7 80.5



#62  
4-Bromofluorobenzene  
Concen: 53.360 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. -0.00 min  
Lab File: VX016237.D  
Acq: 14 May 2020 17:31

Tgt Ion: 95 Resp: 207182  
Ion Ratio Lower Upper  
95 100  
174 81.5 0.0 159.4  
176 79.6 0.0 157.6

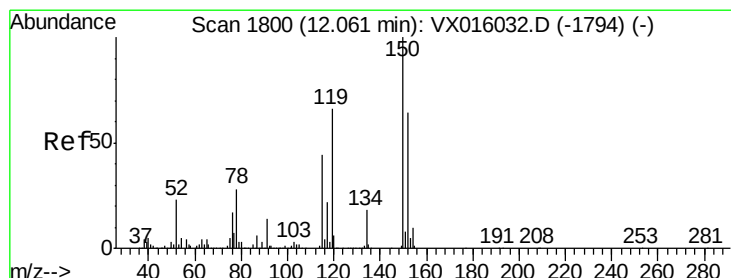
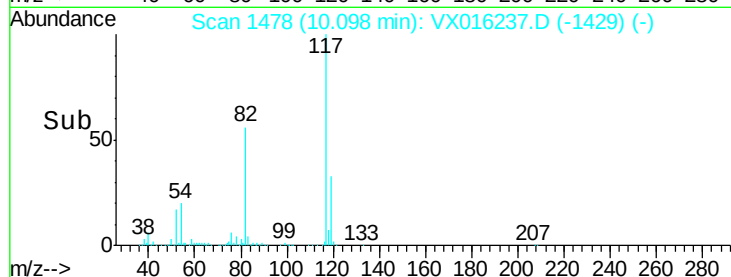
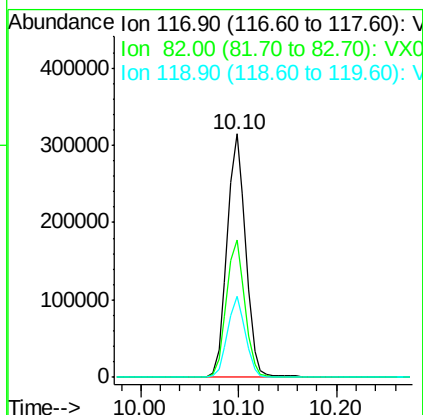
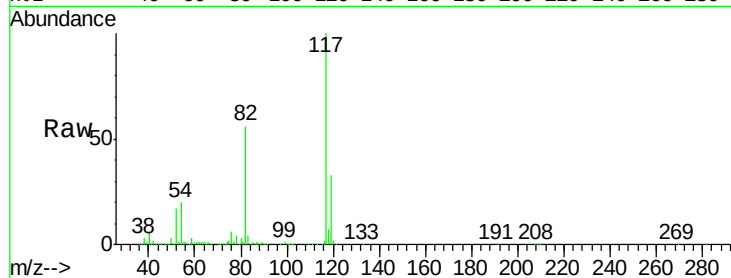




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016237.D  
Acq: 14 May 2020 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS052MW750-200513

Tot Ion:117 Resp: 417651  
Ion Ratio Lower Upper  
117 100  
82 56.4 44.4 66.6  
119 33.3 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1801  
Delta R.T. 0.01 min  
Lab File: VX016237.D  
Acq: 14 May 2020 17:31

Tgt Ion:152 Resp: 214056  
Ion Ratio Lower Upper  
152 100  
115 58.6 41.3 124.1  
150 158.8 0.0 352.2

