

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\  
 Data File : VX018147.D  
 Acq On : 31 Aug 2020 15:07  
 Operator : JC/SP  
 Sample : L3831-06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MH-118.5N-20200827

Quant Time: Sep 01 06:23:02 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

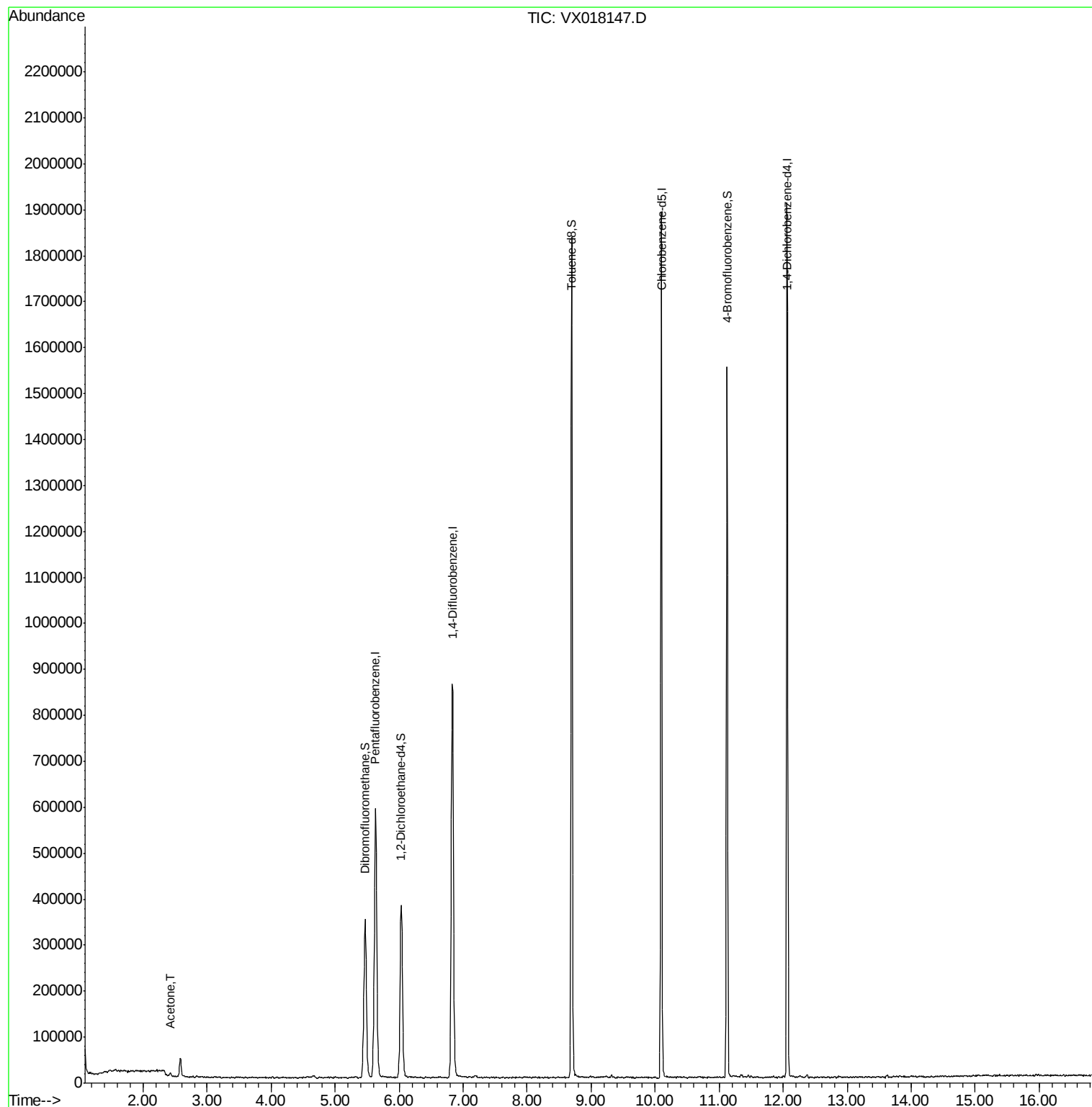
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 537286   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 866557   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 824866   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 394257   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 372466   | 49.94 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.88%  |           |
| 35) Dibromofluoromethane    | 5.46  | 113  | 297689   | 50.44 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.88% |           |
| 50) Toluene-d8              | 8.70  | 98   | 1082245  | 49.24 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.48%  |           |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 393000   | 45.44 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 90.88%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.42  | 43   | 6522     | 2.244 | ug/l    | Qvalue 90 |

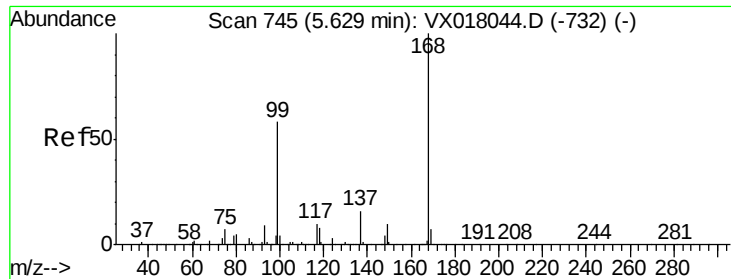
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018147.D

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Instrument :

MSVOA\_X

ClientSampleId :

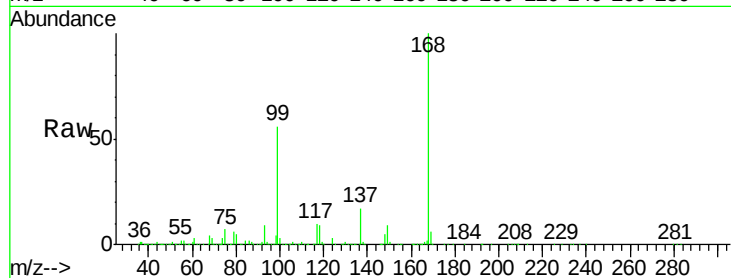
MH-118.5N-20200827

Tot Ion:168 Resp: 537286

Ion Ratio Lower Upper

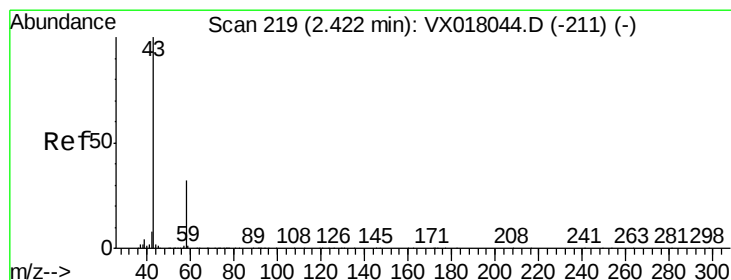
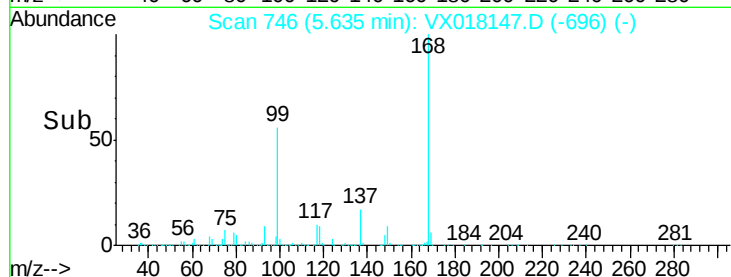
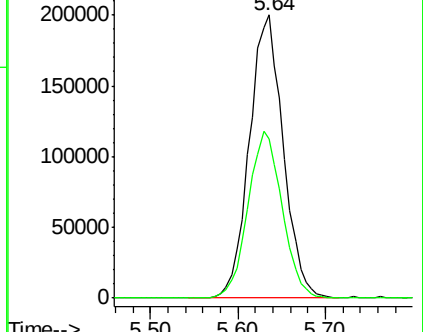
168 100

99 56.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.244 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018147.D

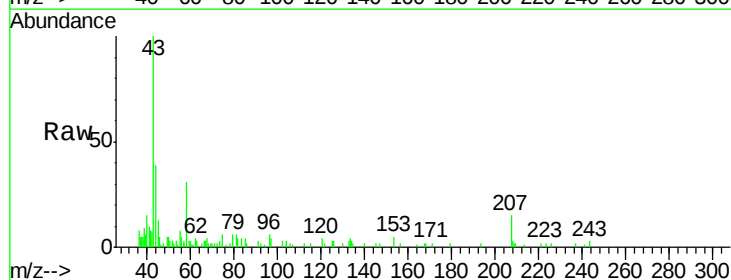
Acq: 31 Aug 2020 15:07

Tgt Ion: 43 Resp: 6522

Ion Ratio Lower Upper

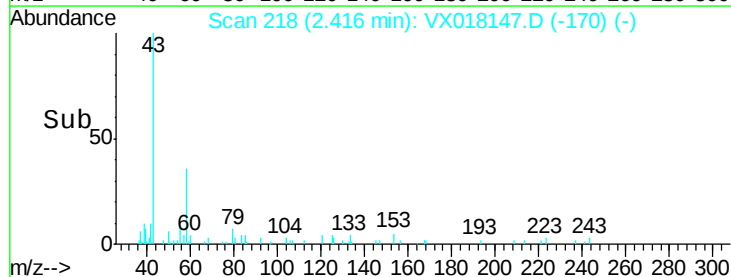
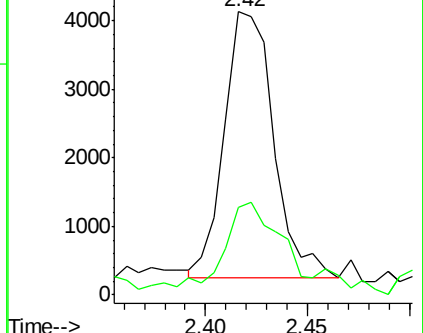
43 100

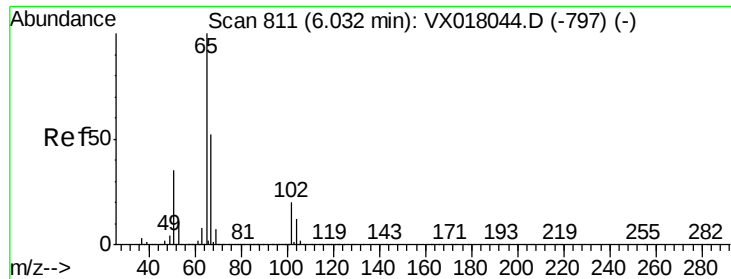
58 26.4 25.5 38.3



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: 49.936 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

Instrument :

MSVOA\_X

ClientSampleId :

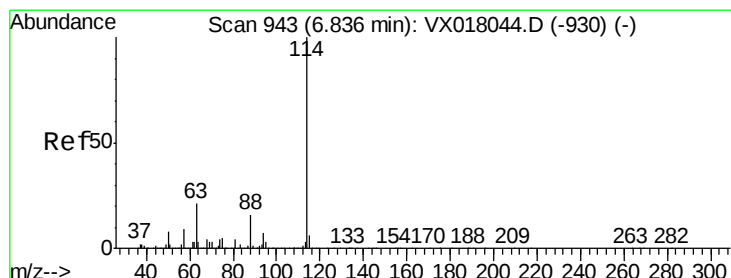
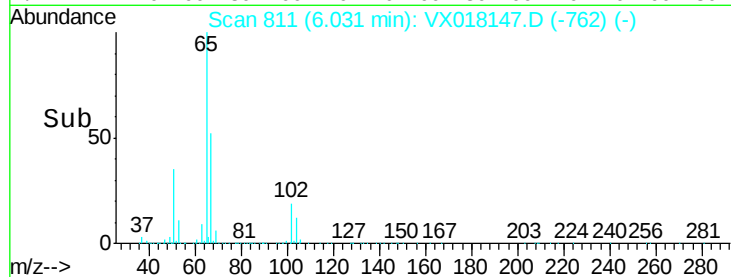
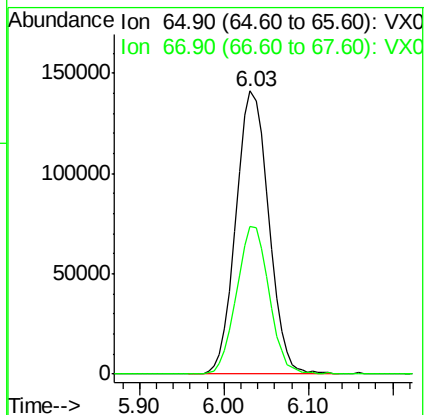
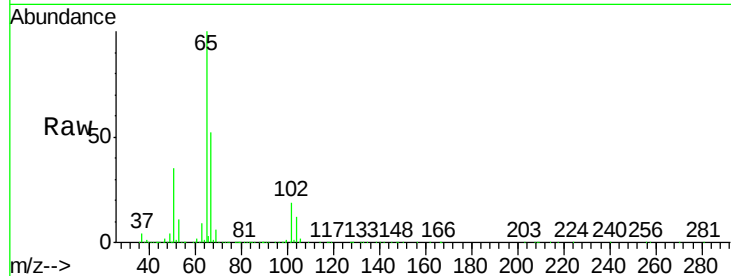
MH-118.5N-20200827

Tot Ion: 65 Resp: 372466

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

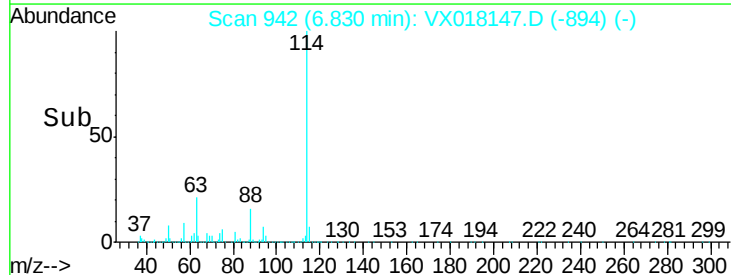
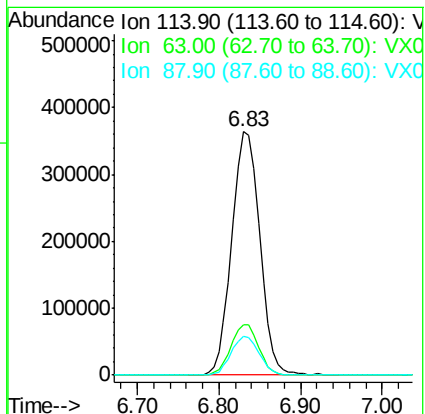
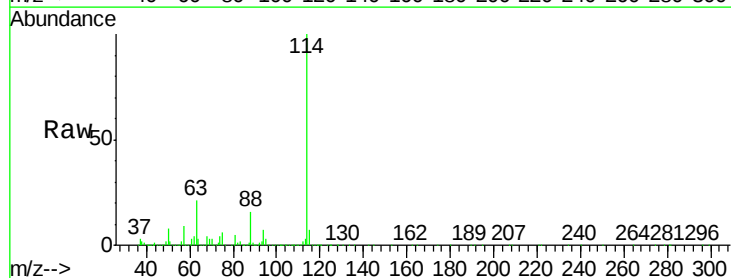
Tgt Ion: 114 Resp: 866557

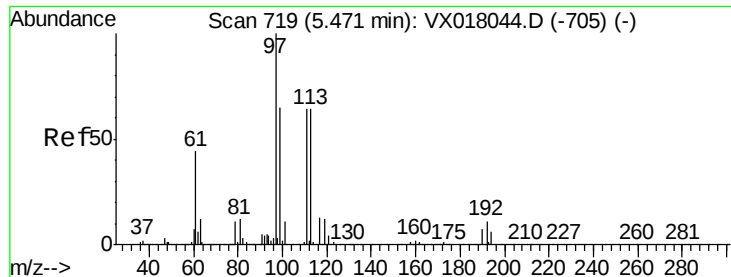
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.0 0.0 31.8

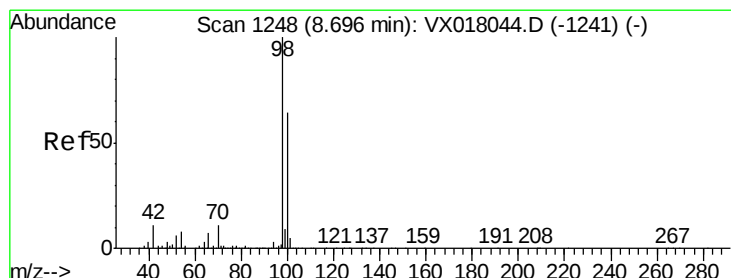
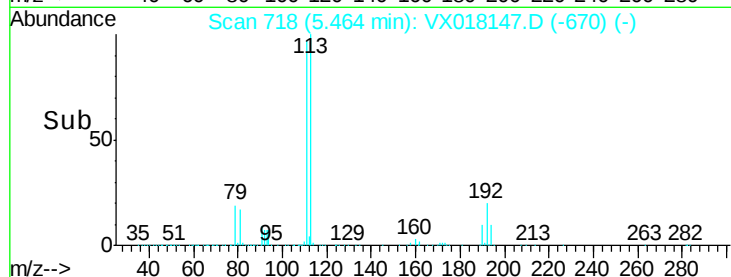
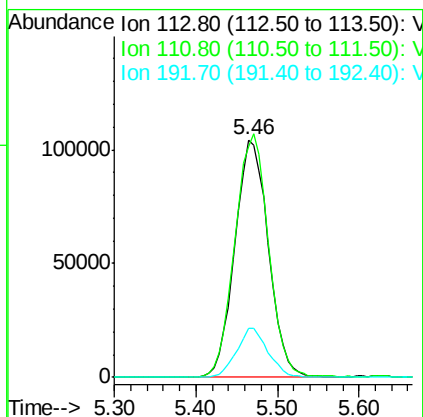
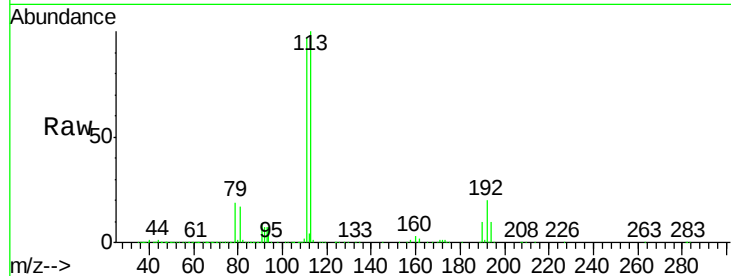




#35  
Dibromofluoromethane  
Concen: 50.441 ug/l  
RT: 5.46 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: VX018147.D  
Acq: 31 Aug 2020 15:07

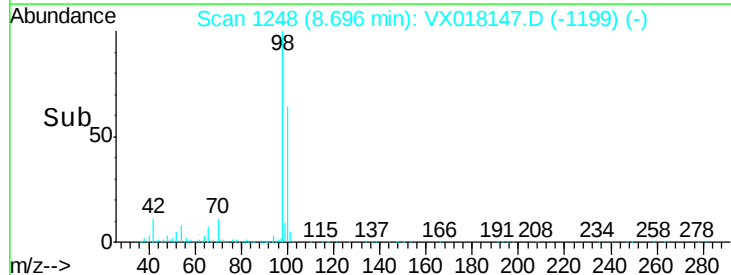
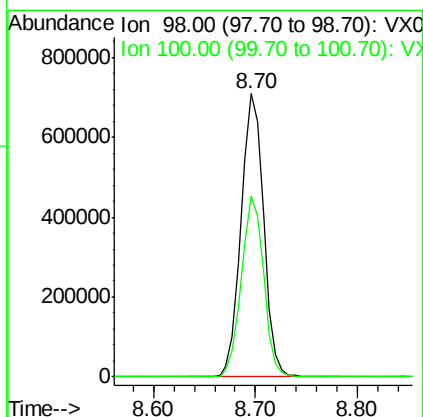
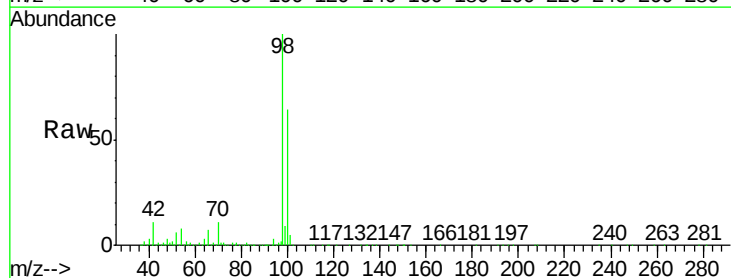
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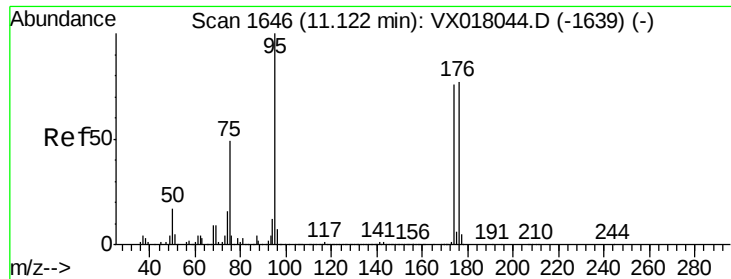
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.1 | 81.6  | 122.4 |
| 192     | 19.4  | 15.8  | 23.8  |



#50  
Toluene-d8  
Concen: 49.235 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX018147.D  
Acq: 31 Aug 2020 15:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.1  | 52.2  | 78.4  |





#62

4-Bromofluorobenzene

Concen: 45.443 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

Instrument :

MSVOA\_X

ClientSampleId :

MH-118.5N-20200827

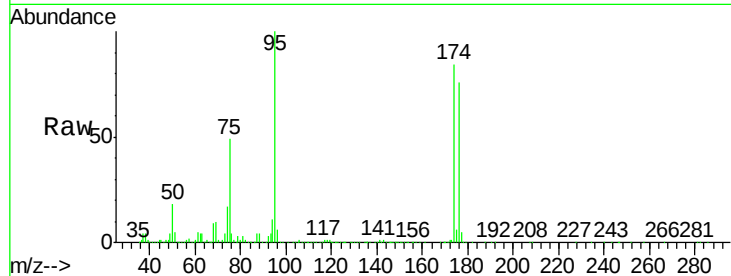
Tot Ion: 95 Resp: 393000

Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.2

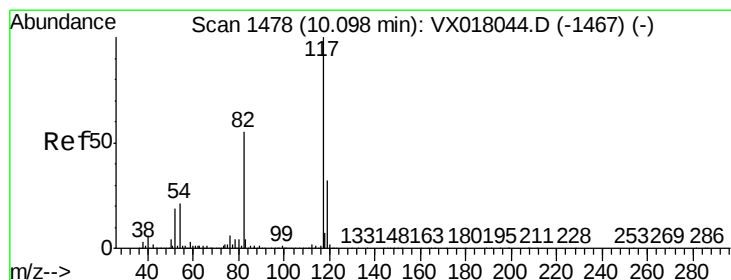
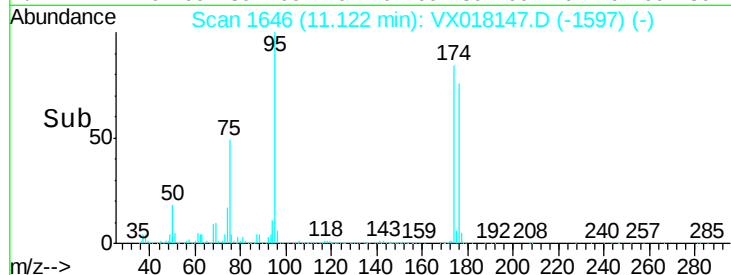
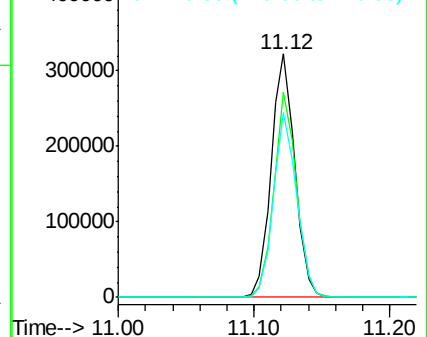
176 75.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018147.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX018147.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018147.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

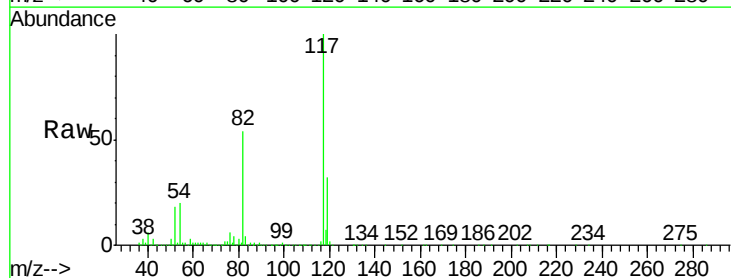
Tgt Ion: 117 Resp: 824866

Ion Ratio Lower Upper

117 100

82 53.6 44.2 66.2

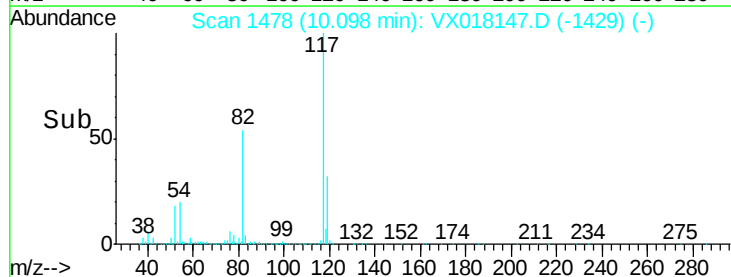
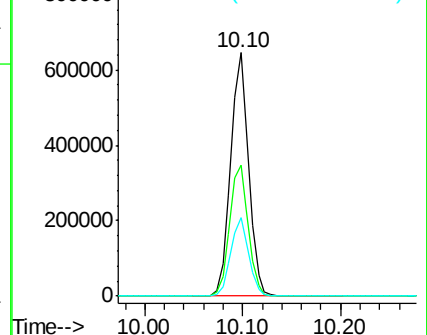
119 32.3 25.7 38.5

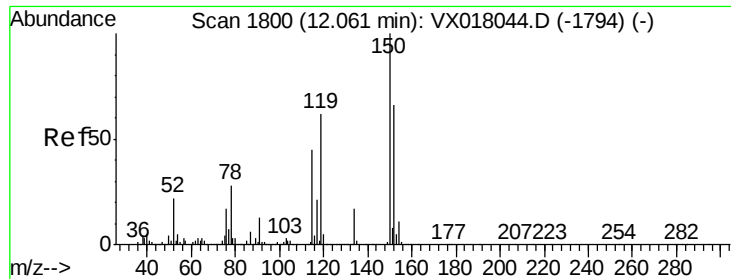


Abundance Ion 116.90 (116.60 to 117.60): VX018147.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX018147.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018147.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018147.D

Acq: 31 Aug 2020 15:07

Instrument :

MSVOA\_X

ClientSampleId :

MH-118.5N-20200827

Tot Ion:152 Resp: 394257

Ion Ratio Lower Upper

152 100

115 57.7 41.5 124.5

150 156.6 0.0 343.8

