

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX090820\  
 Data File : VX018302.D  
 Acq On : 09 Sep 2020 02:39  
 Operator : JC/SP  
 Sample : L3872-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BU-03-090420

Quant Time: Sep 09 03:50:28 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

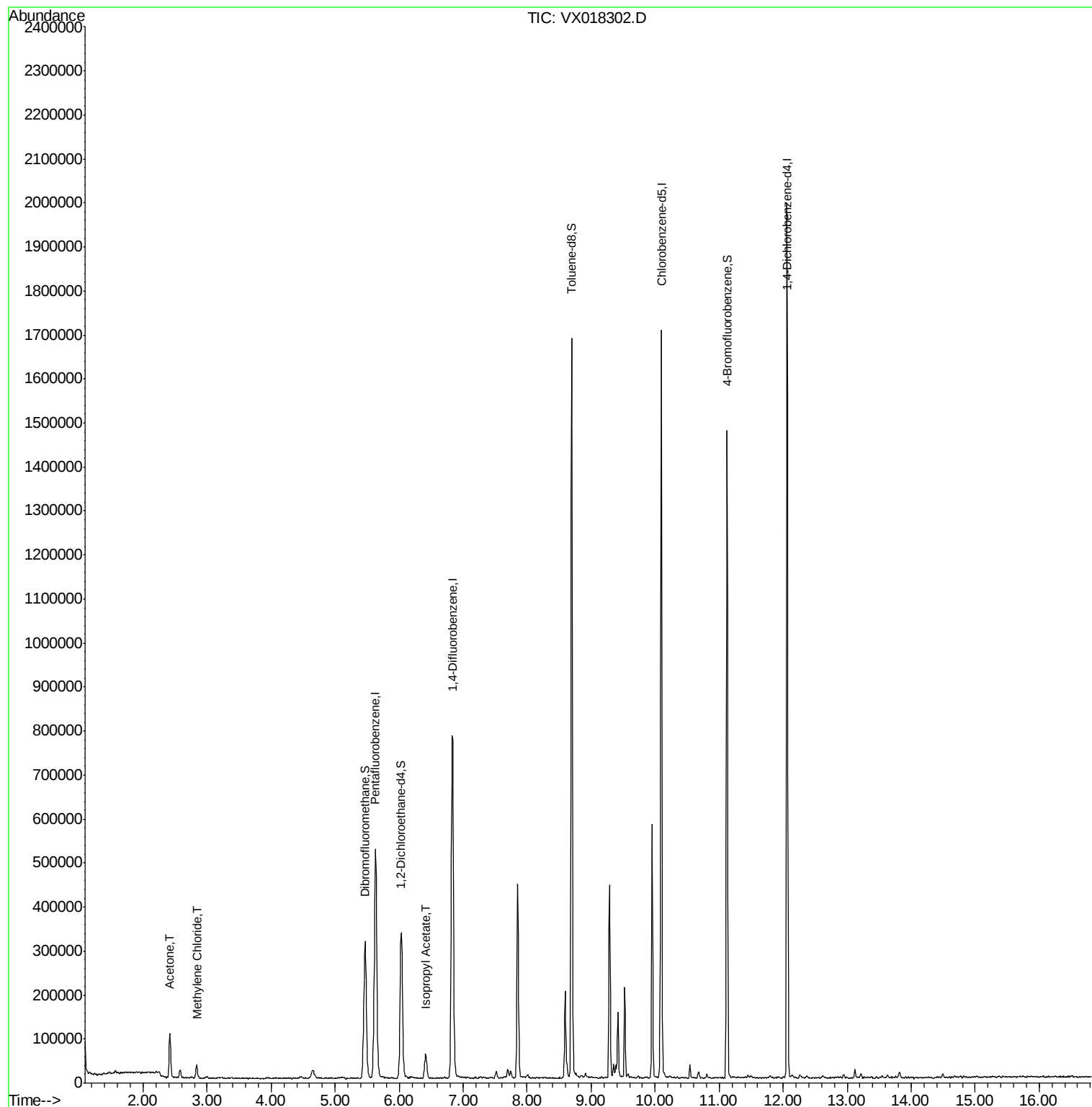
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 484466   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 767809   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 768246   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 387776   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 344055   | 51.16  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.32% |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 266148   | 50.90  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.80% |          |
| 50) Toluene-d8              | 8.70  | 98   | 966264   | 49.61  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.22%  |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 362462   | 47.30  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 94.60%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.42  | 43   | 107253   | 40.925 | ug/l    | 99       |
| 20) Methylene Chloride      | 2.84  | 84   | 13937    | 1.467  | ug/l    | 92       |
| 43) Isopropyl Acetate       | 6.42  | 43   | 74840    | 5.633  | ug/l    | 98       |

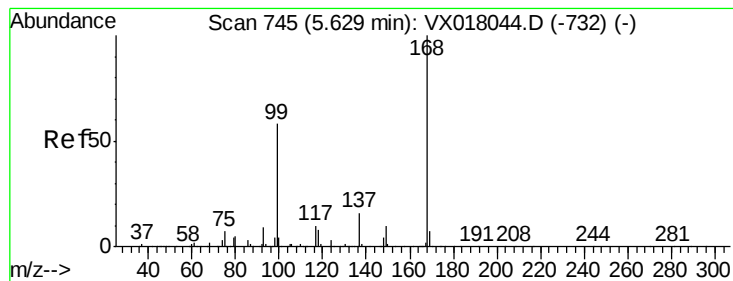
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :  
BU-03-090420

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 03:03:56 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018302.D

Acq: 09 Sep 2020 02:39

Instrument :

MSVOA\_X

ClientSampleId :

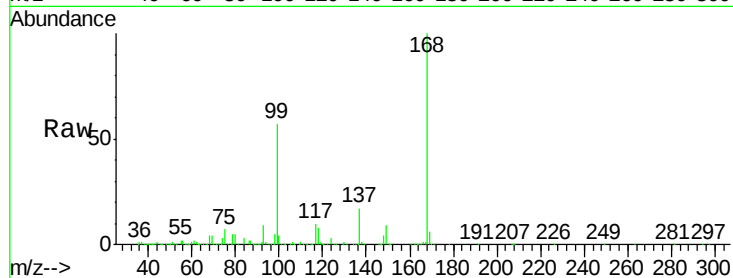
BU-03-090420

Tgt Ion:168 Resp: 484466

Ion Ratio Lower Upper

168 100

99 56.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

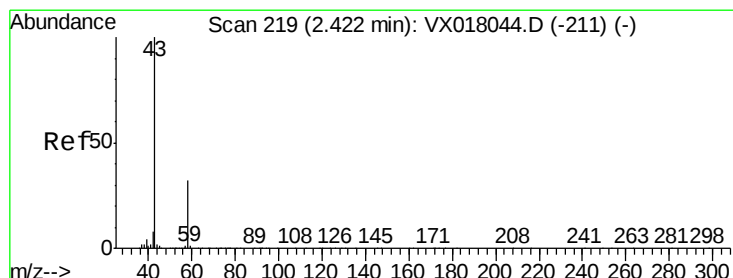
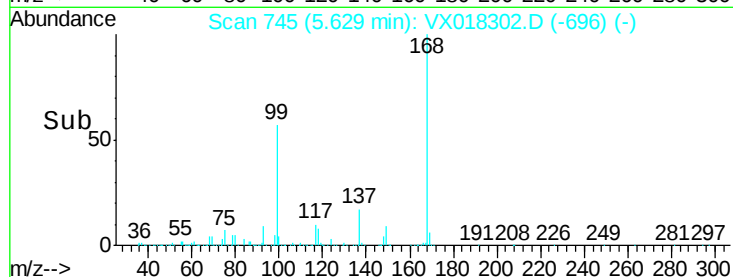
100000

50000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 40.925 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018302.D

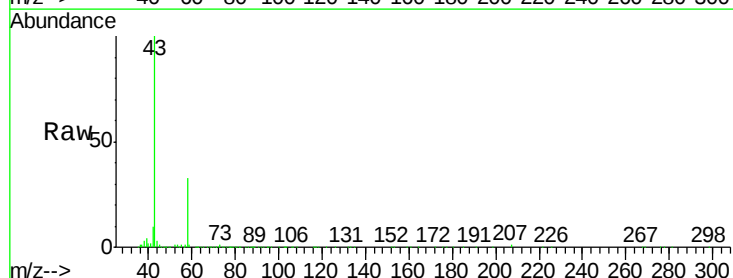
Acq: 09 Sep 2020 02:39

Tgt Ion: 43 Resp: 107253

Ion Ratio Lower Upper

43 100

58 32.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

60000

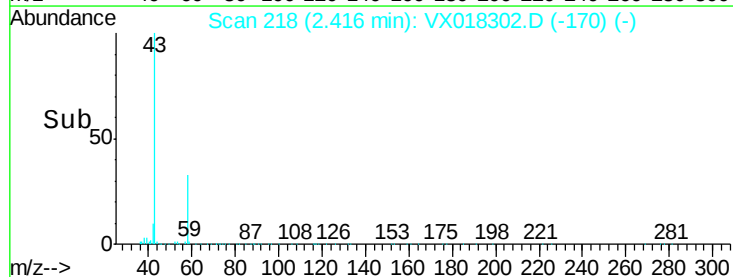
40000

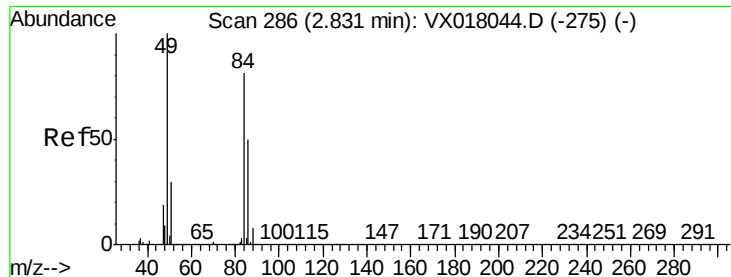
20000

0

Time-->

2.35 2.40 2.45 2.50

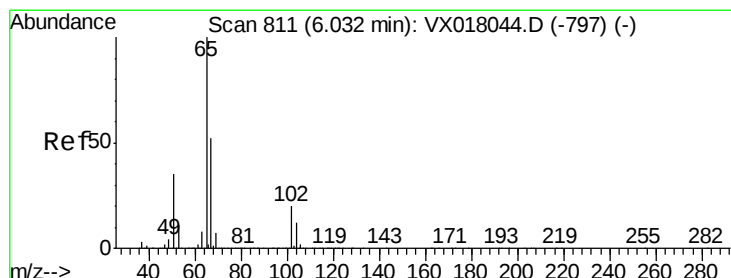
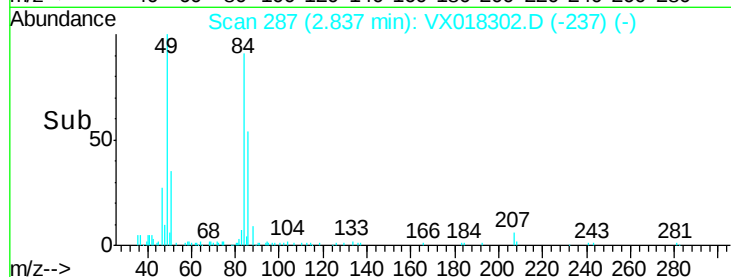
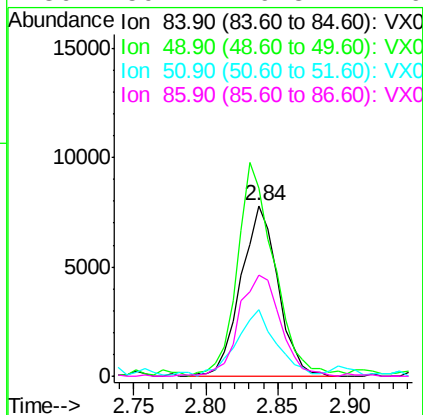
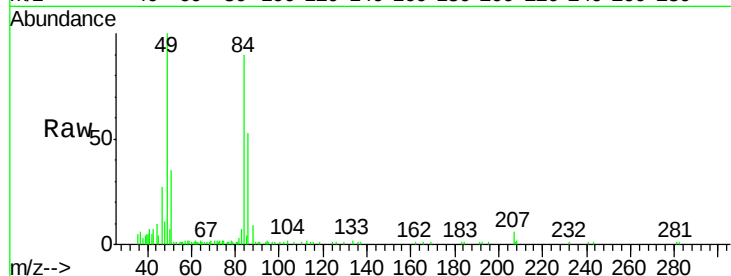




#20  
Methylene Chloride  
Concen: 1.467 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.01 min  
Lab File: VX018302.D  
Acq: 09 Sep 2020 02:39

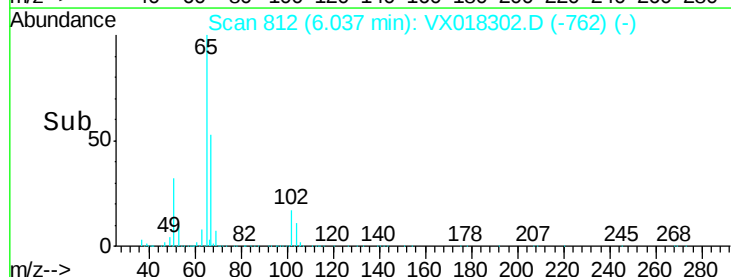
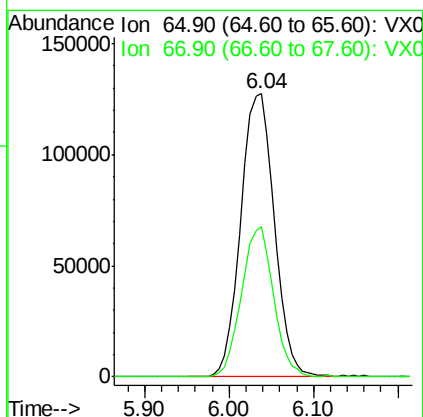
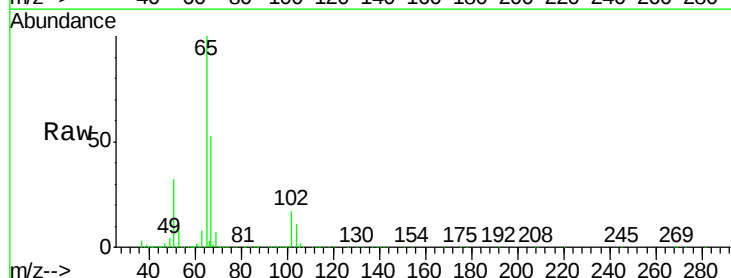
Instrument :  
MSVOA\_X  
ClientSampleId :  
BU-03-090420

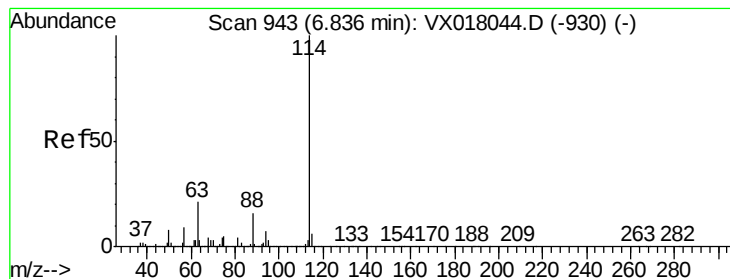
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 13937 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 109.2 | 98.6  | 148.0 |
| 51       | 36.8  | 29.6  | 44.4  |
| 86       | 59.1  | 49.8  | 74.6  |



#33  
1,2-Dichloroethane-d4  
Concen: 51.156 ug/l  
RT: 6.04 min Scan# 812  
Delta R.T. 0.01 min  
Lab File: VX018302.D  
Acq: 09 Sep 2020 02:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 344055 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 50.5  | 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: VX018302.D

Acq: 09 Sep 2020 02:39

Instrument :

MSVOA\_X

ClientSampleId :

BU-03-090420

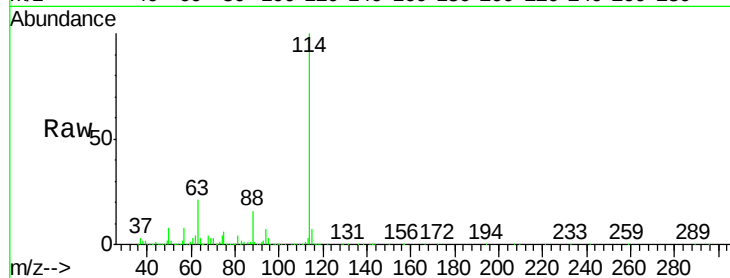
Tgt Ion:114 Resp: 767809

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

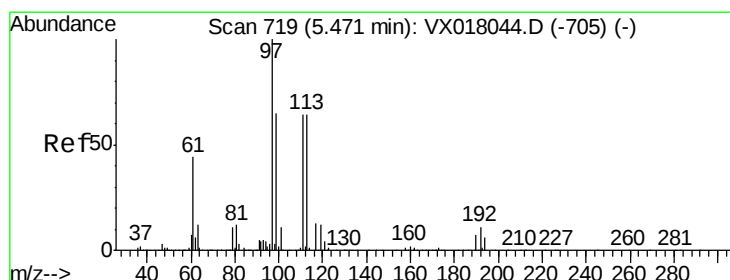
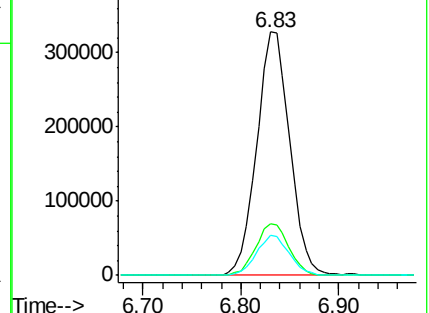
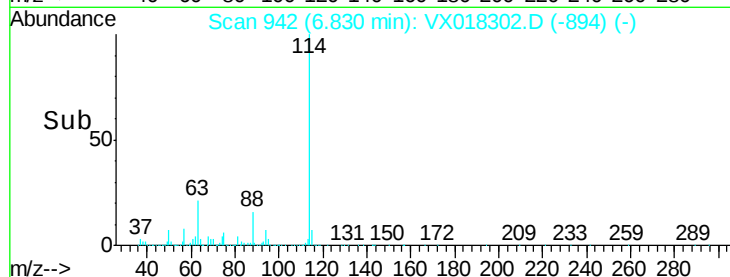
88 16.4 0.0 31.8



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: 50.897 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018302.D

Acq: 09 Sep 2020 02:39

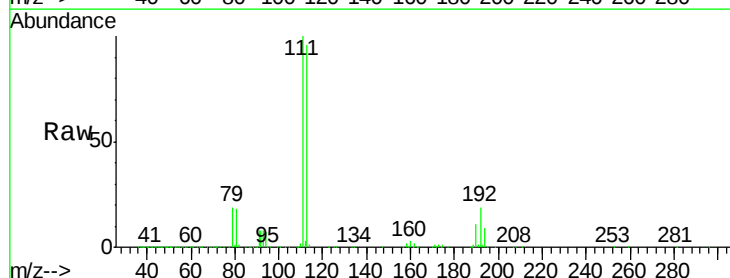
Tgt Ion:113 Resp: 266148

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

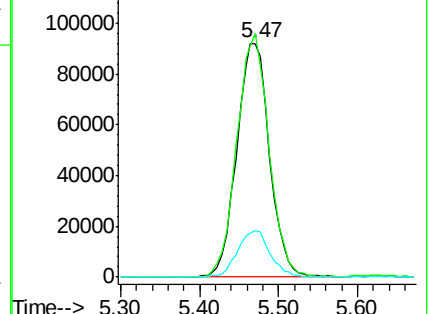
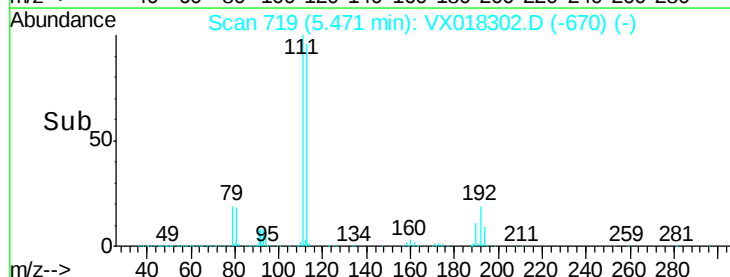
192 19.6 15.8 23.8

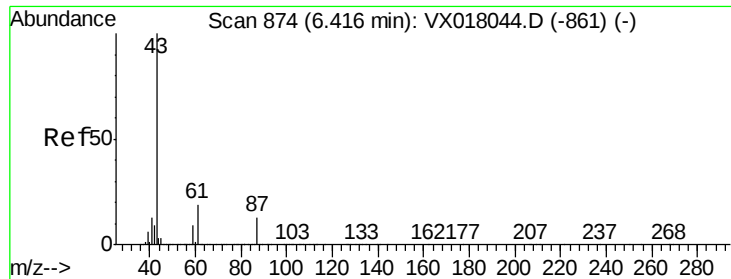


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 5.633 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018302.D

Acq: 09 Sep 2020 02:39

Instrument :

MSVOA\_X

ClientSampleId :

BU-03-090420

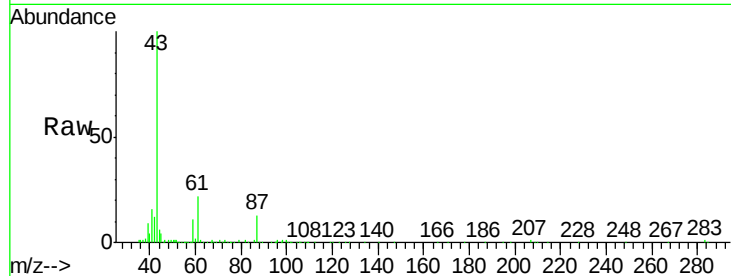
Tgt Ion: 43 Resp: 74840

Ion Ratio Lower Upper

43 100

61 19.6 15.7 23.5

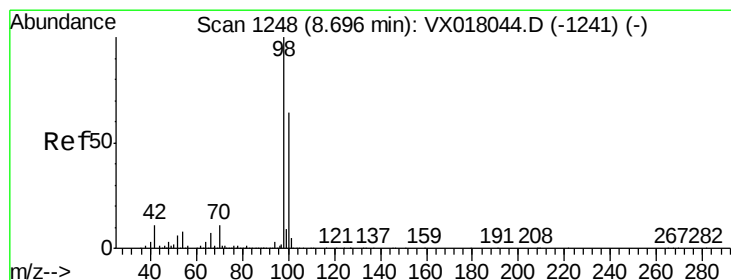
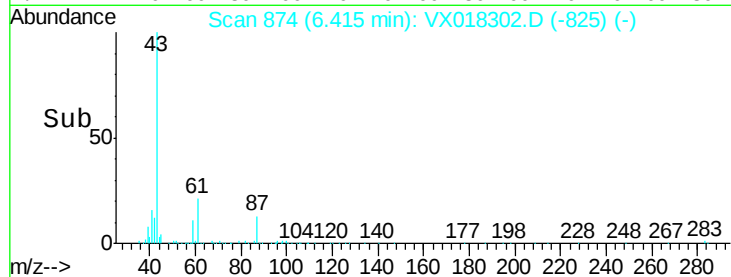
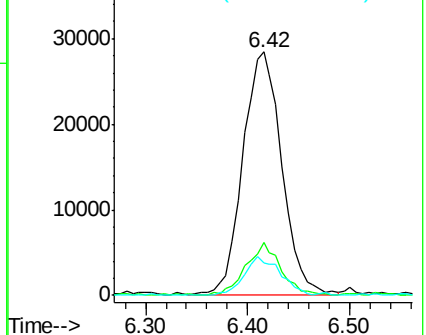
87 14.9 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.612 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018302.D

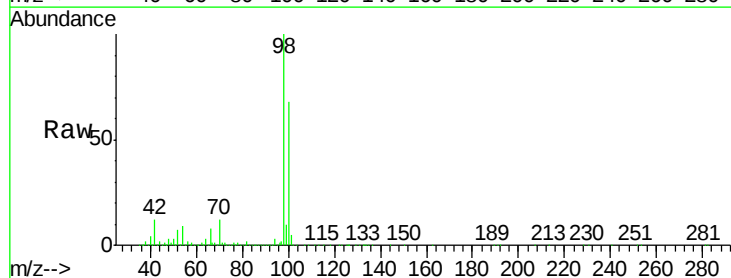
Acq: 09 Sep 2020 02:39

Tgt Ion: 98 Resp: 966264

Ion Ratio Lower Upper

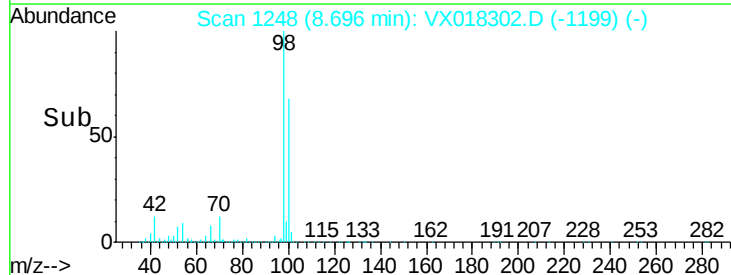
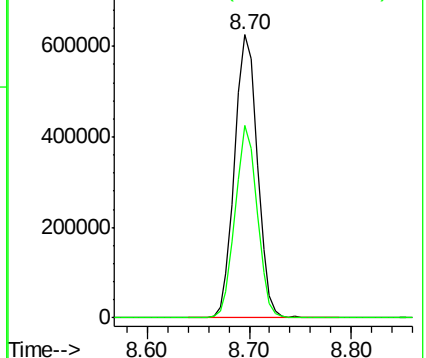
98 100

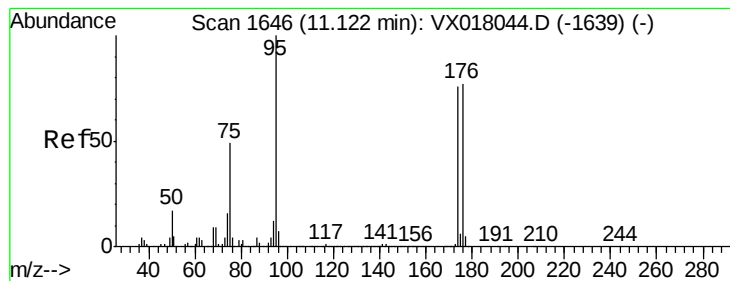
100 65.3 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.302 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018302.D

Acq: 09 Sep 2020 02:39

Instrument :

MSVOA\_X

ClientSampleId :

BU-03-090420

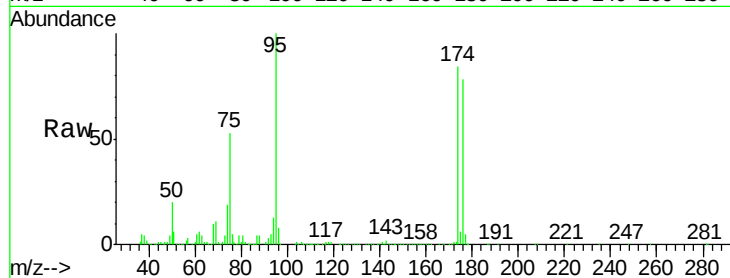
Tgt Ion: 95 Resp: 362462

Ion Ratio Lower Upper

95 100

174 83.3 0.0 160.2

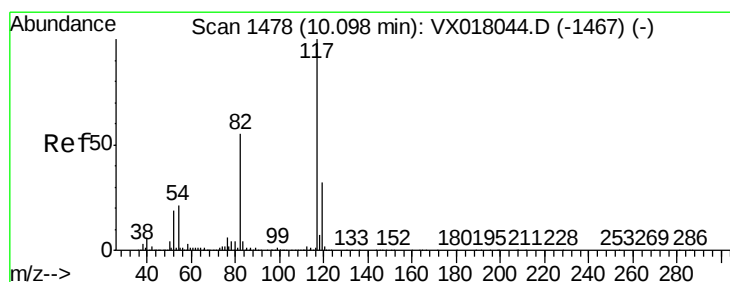
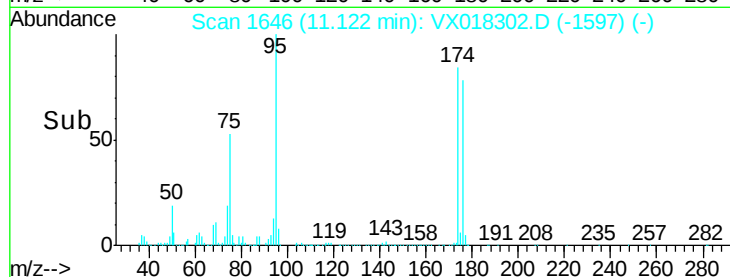
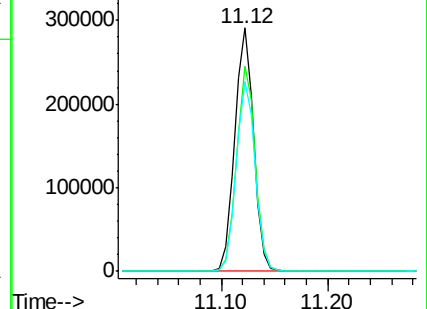
176 78.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018302.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX018302.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018302.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018302.D

Acq: 09 Sep 2020 02:39

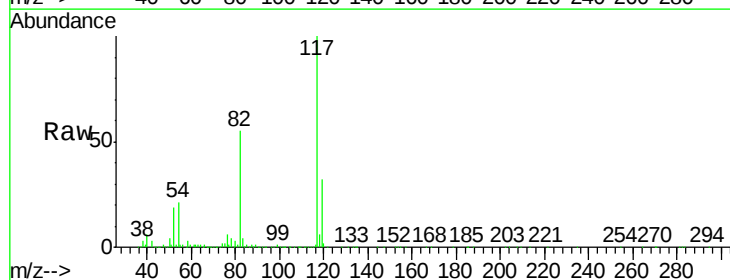
Tgt Ion: 117 Resp: 768246

Ion Ratio Lower Upper

117 100

82 54.9 44.2 66.2

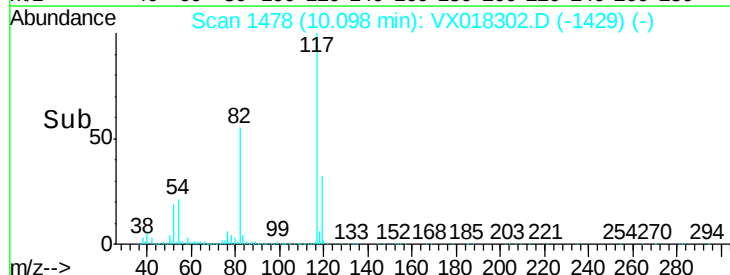
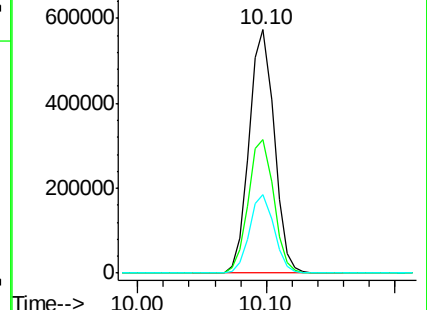
119 32.4 25.7 38.5

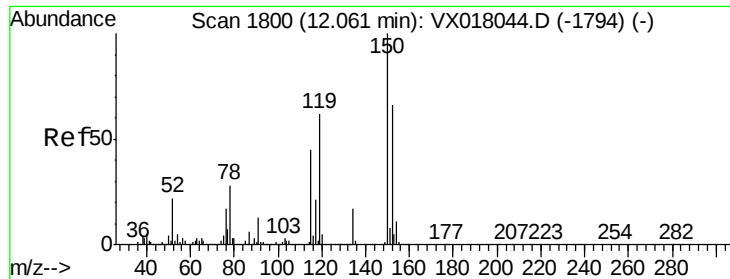


Abundance Ion 116.90 (116.60 to 117.60): VX018302.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX018302.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018302.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: VX018302.D

Acq: 09 Sep 2020 02:39

Instrument :

MSVOA\_X

ClientSampleId :

BU-03-090420

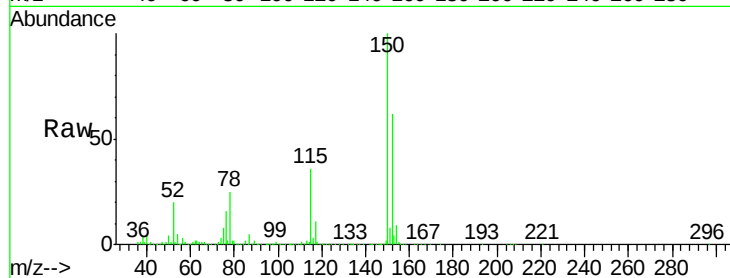
Tgt Ion:152 Resp: 387776

Ion Ratio Lower Upper

152 100

115 58.7 41.5 124.5

150 161.0 0.0 343.8



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

