

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011419\  
 Data File : VX007042.D  
 Acq On : 14 Jan 2019 16:29  
 Operator : JC/SP  
 Sample : K1015-06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SU-02-011119-A

Quant Time: Jan 15 00:30:05 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

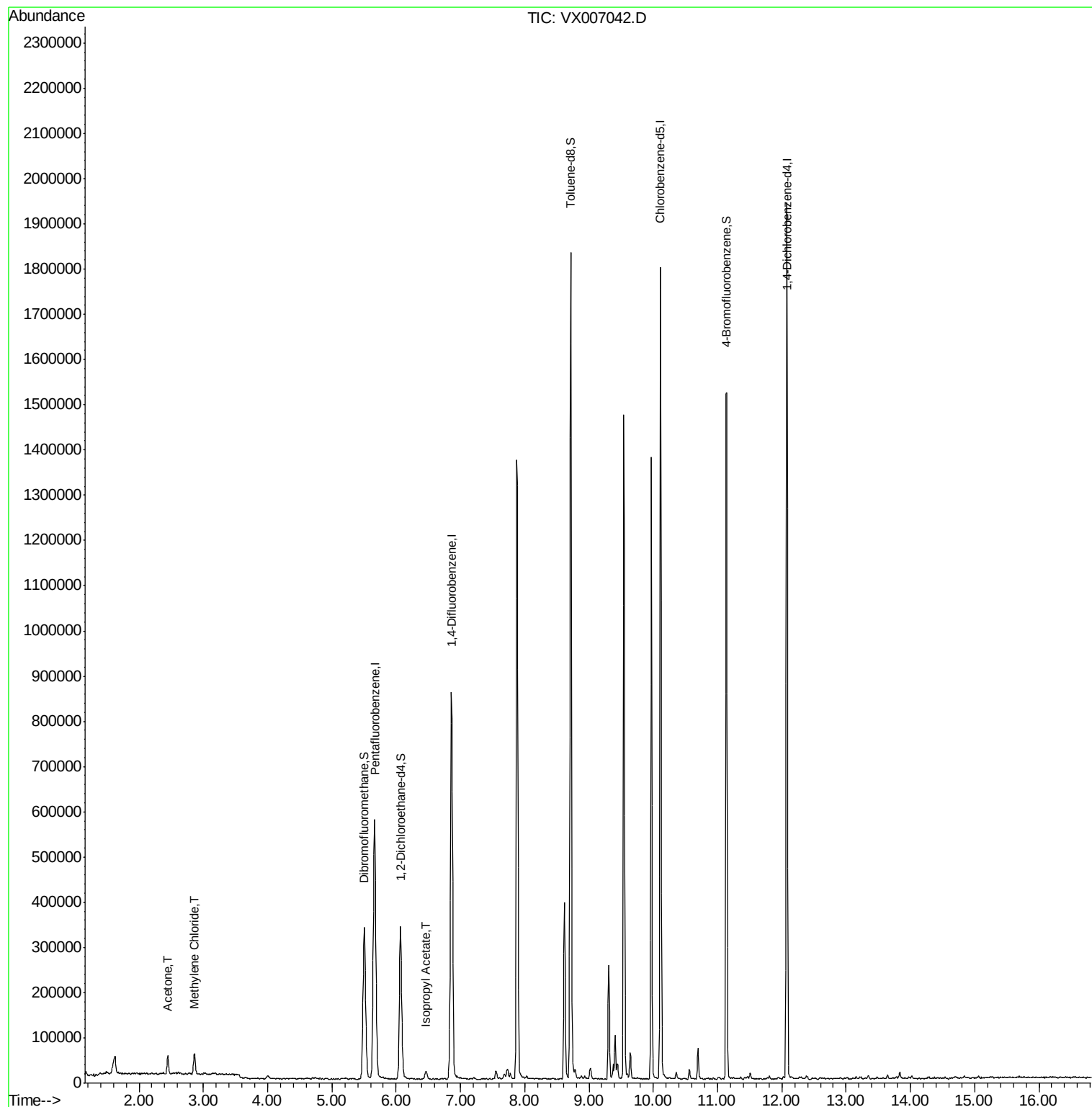
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 596450   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 905310   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 874019   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 422733   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 314316   | 50.42  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.84% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 284320   | 49.04  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.08%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 1114282  | 52.51  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.02% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 398147   | 53.82  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 107.64% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.45  | 43   | 41785    | 13.560 | ug/l    | 95       |
| 20) Methylene Chloride      | 2.86  | 84   | 22648    | 3.336  | ug/l    | 93       |
| 43) Isopropyl Acetate       | 6.46  | 43   | 24054    | 1.807  | ug/l    | 99       |

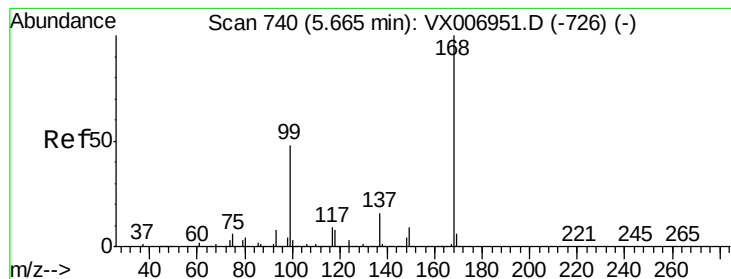
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011419\  
Data File : VX007042.D  
Acq On : 14 Jan 2019 16:29  
Operator : JC/SP  
Sample : K1015-06  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SU-02-011119-A

Quant Time: Jan 15 00:30:05 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 08 14:06:59 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007042.D

Acq: 14 Jan 2019 16:29

Instrument :

MSVOA\_X

ClientSampleId :

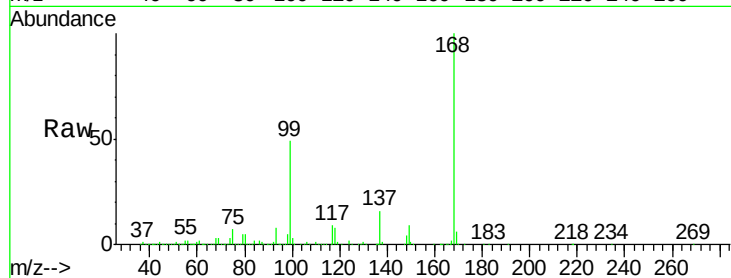
SU-02-011119-A

Tot Ion:168 Resp: 596450

Ion Ratio Lower Upper

168 100

99 49.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

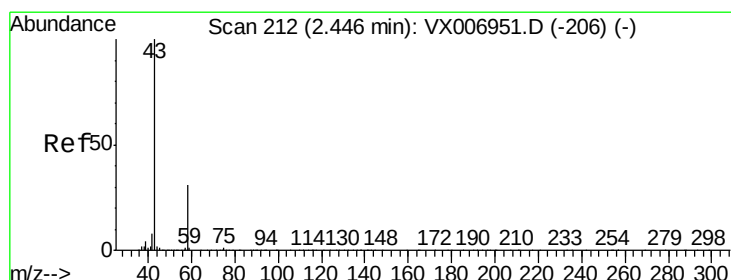
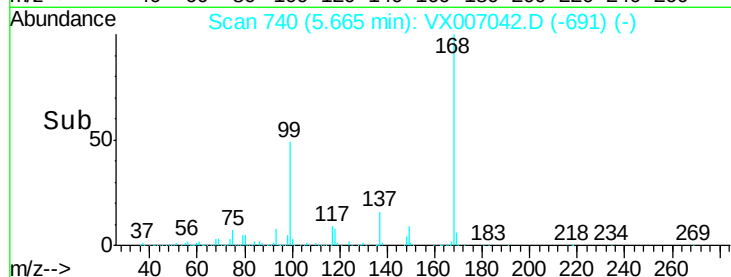
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.560 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007042.D

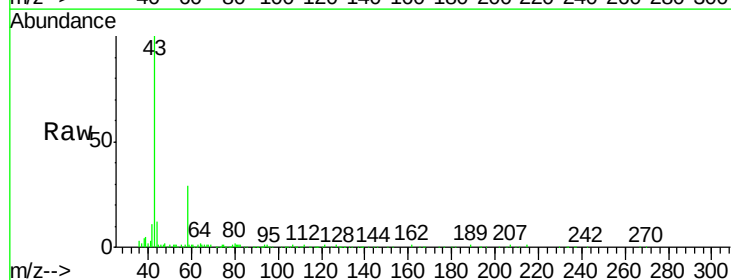
Acq: 14 Jan 2019 16:29

Tgt Ion: 43 Resp: 41785

Ion Ratio Lower Upper

43 100

58 28.6 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

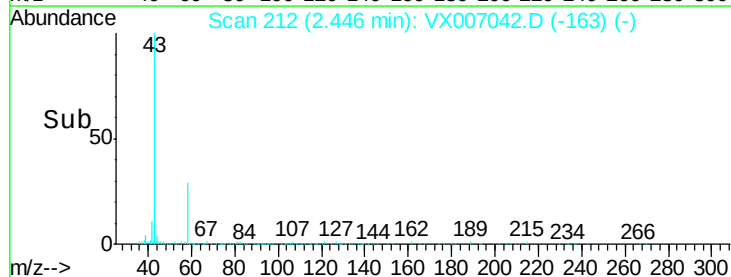
15000

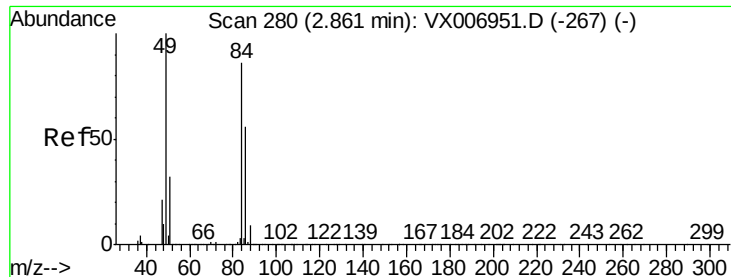
10000

5000

0

Time--> 2.40 2.45 2.50

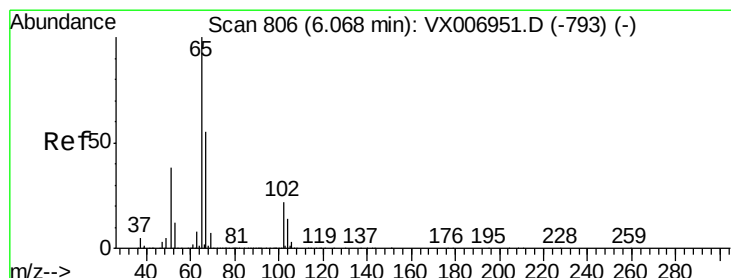
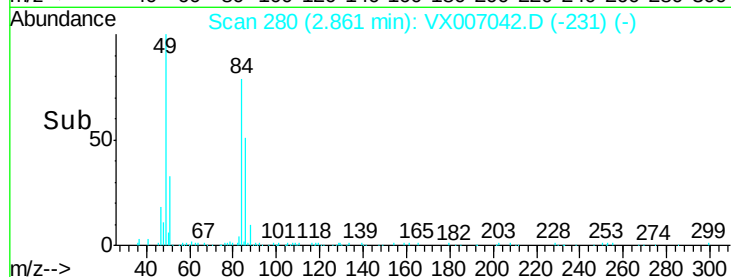
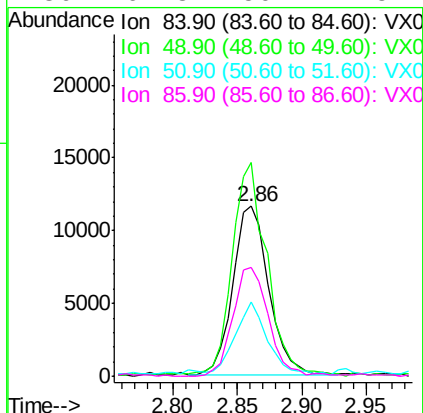
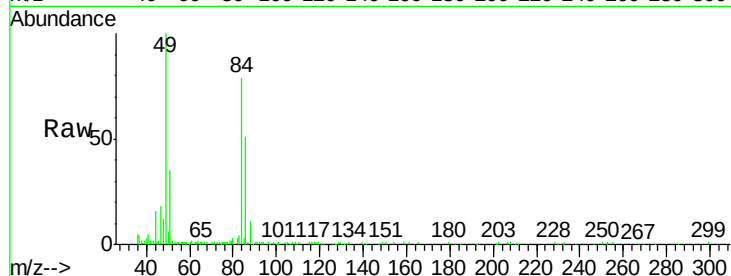




#20  
Methvlene Chloride  
Concen: 3.336 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX007042.D  
Acq: 14 Jan 2019 16:29

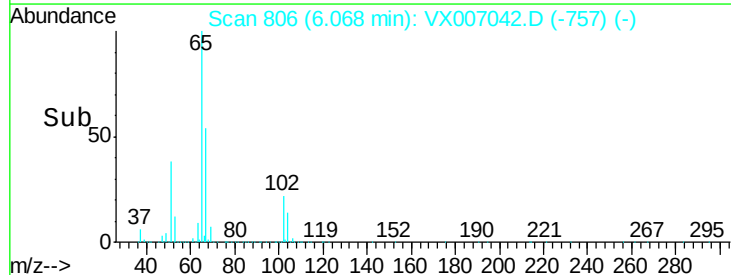
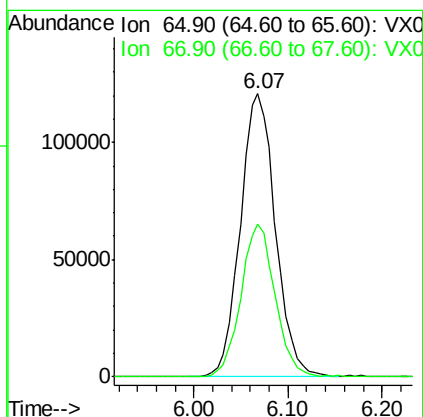
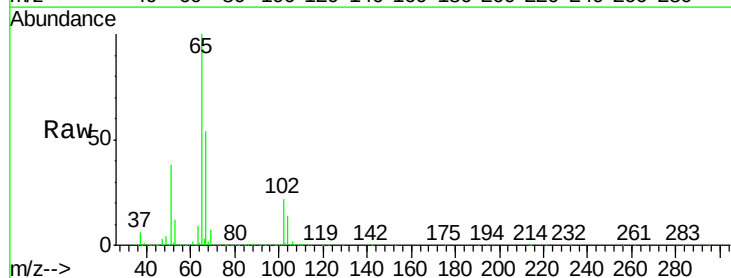
Instrument :  
MSVOA\_X  
ClientSampleId :  
SU-02-011119-A

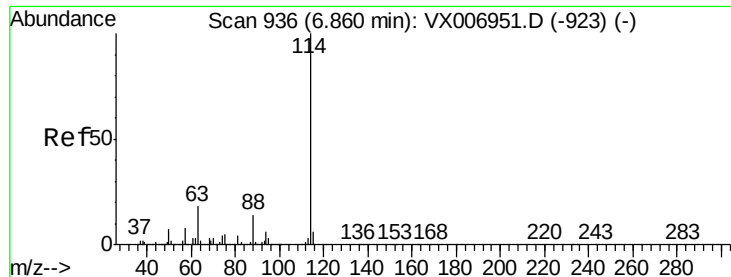
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 22648 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 125.3 | 91.8  | 137.6 |
| 51       | 40.0  | 28.5  | 42.7  |
| 86       | 64.8  | 50.2  | 75.2  |



#33  
1,2-Dichloroethane-d4  
Concen: 50.424 ug/l  
RT: 6.07 min Scan# 806  
Delta R.T. 0.00 min  
Lab File: VX007042.D  
Acq: 14 Jan 2019 16:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 314316 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.9  | 0.0   | 105.0  |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007042.D

Acq: 14 Jan 2019 16:29

Instrument :

MSVOA\_X

ClientSampleId :

SU-02-011119-A

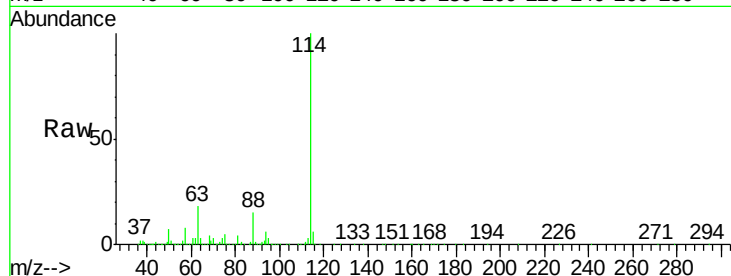
Tot Ion:114 Resp: 905310

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

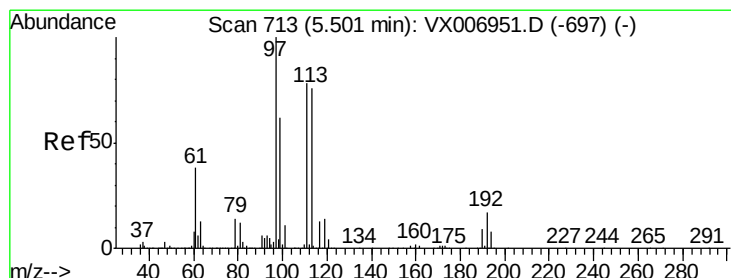
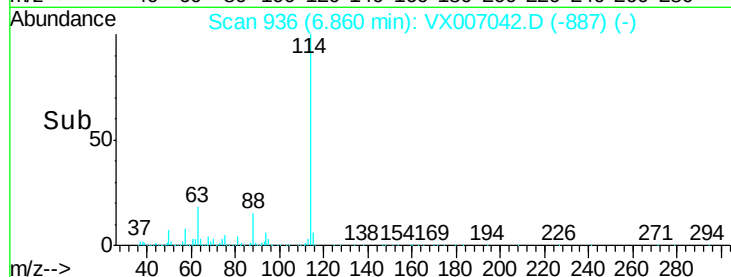
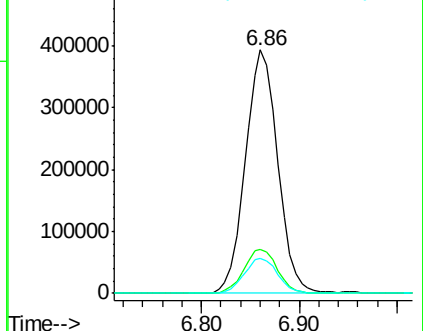
88 14.5 0.0 28.8



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: 49.041 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007042.D

Acq: 14 Jan 2019 16:29

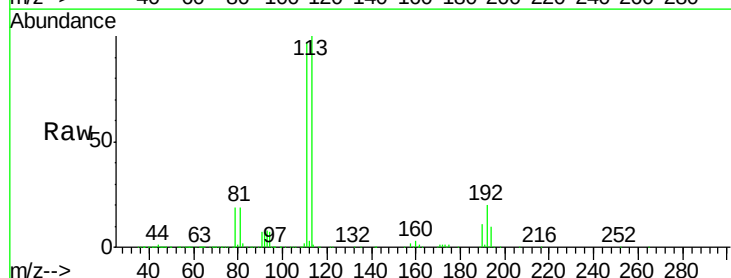
Tgt Ion:113 Resp: 284320

Ion Ratio Lower Upper

113 100

111 100.6 81.6 122.4

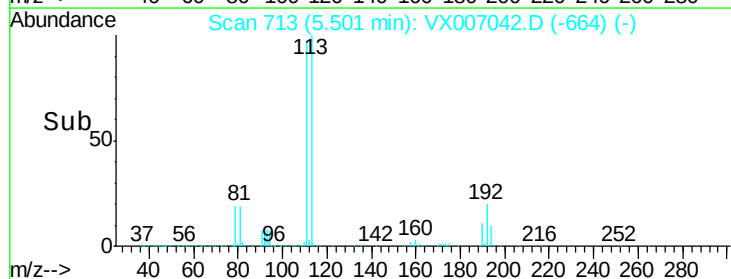
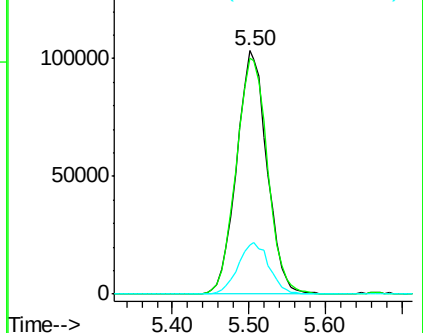
192 21.8 16.7 25.1

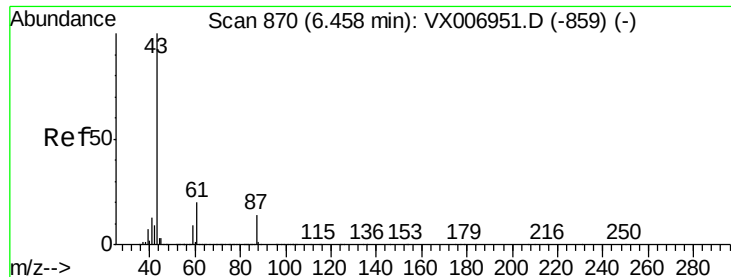


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.807 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007042.D

Acq: 14 Jan 2019 16:29

Instrument :

MSVOA\_X

ClientSampleId :

SU-02-011119-A

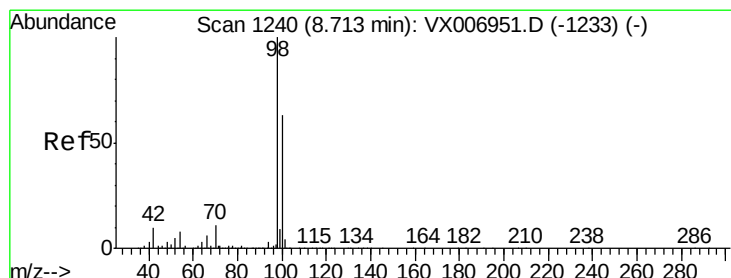
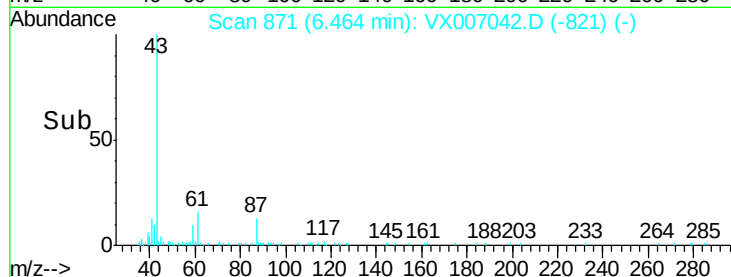
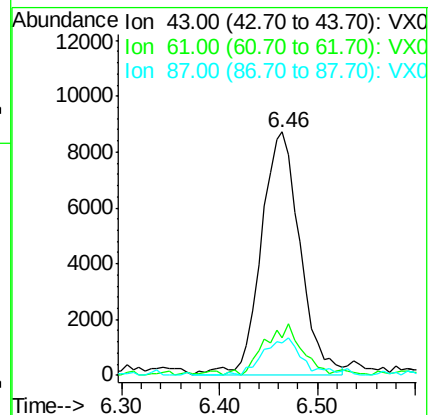
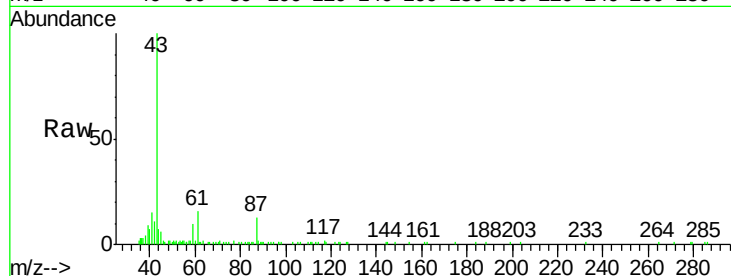
Tot Ion: 43 Resp: 24054

Ion Ratio Lower Upper

43 100

61 20.4 16.8 25.2

87 16.1 12.4 18.6



#50

Toluene-d8

Concen: 52.509 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007042.D

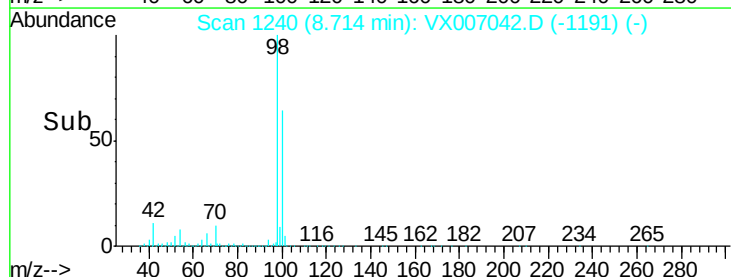
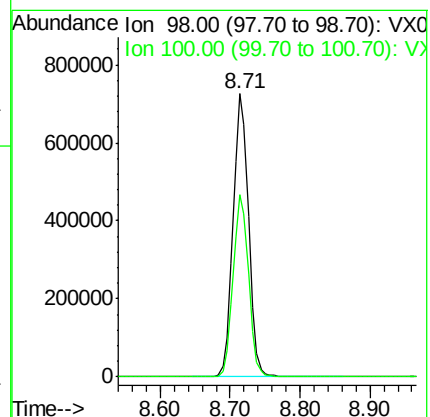
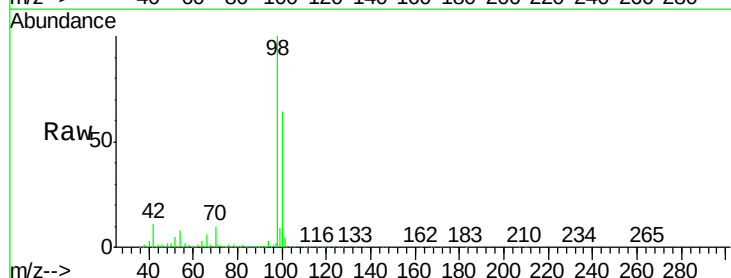
Acq: 14 Jan 2019 16:29

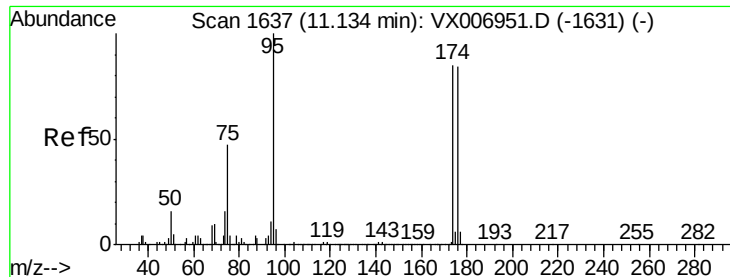
Tgt Ion: 98 Resp: 1114282

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 53.817 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007042.D

Acq: 14 Jan 2019 16:29

Instrument :

MSVOA\_X

ClientSampleId :

SU-02-011119-A

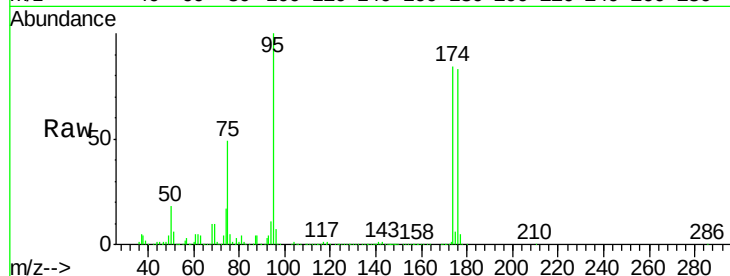
Tot Ion: 95 Resp: 398147

Ion Ratio Lower Upper

95 100

174 93.2 0.0 182.2

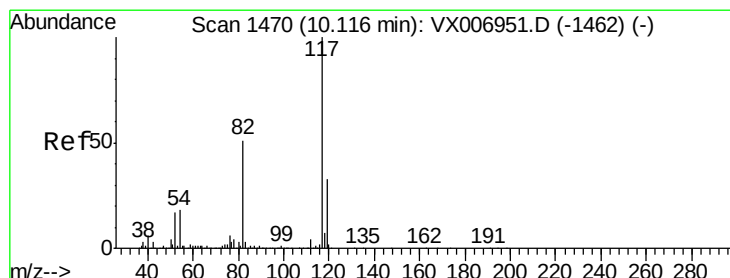
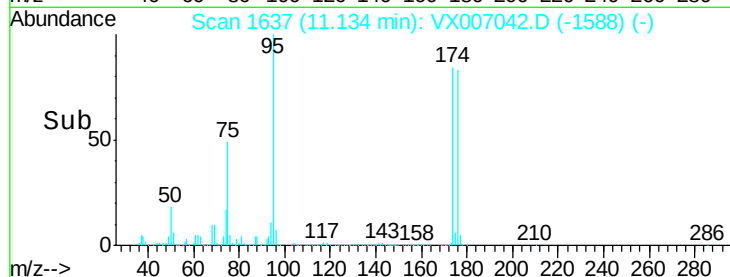
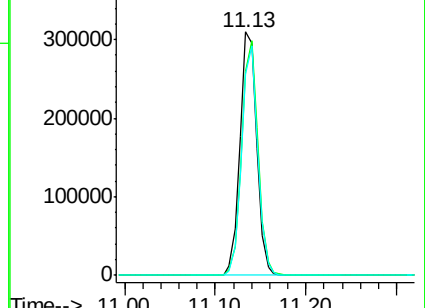
176 90.2 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX007042.D

Acq: 14 Jan 2019 16:29

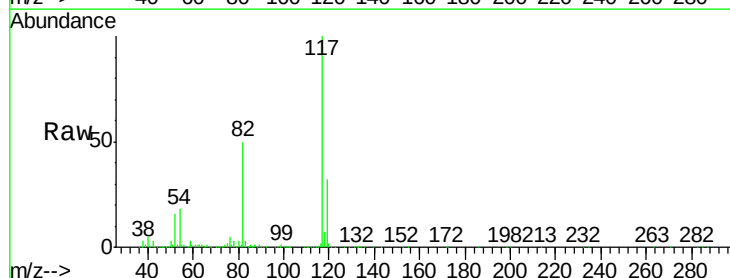
Tgt Ion: 117 Resp: 874019

Ion Ratio Lower Upper

117 100

82 50.5 41.0 61.6

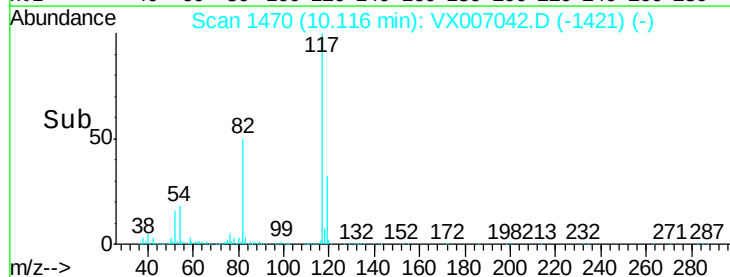
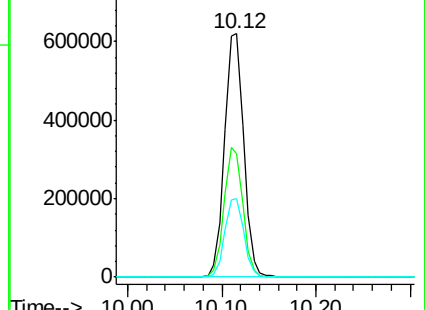
119 32.4 25.4 38.0

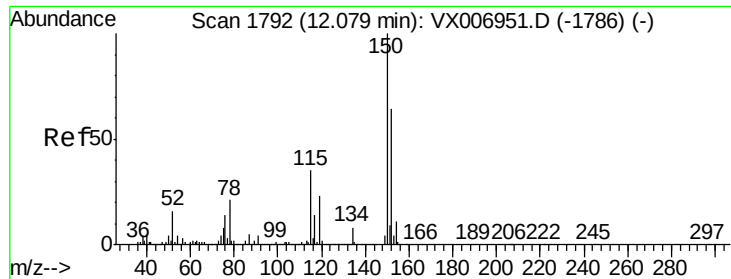


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007042.D

Acq: 14 Jan 2019 16:29

Instrument :

MSVOA\_X

ClientSampleId :

SU-02-011119-A

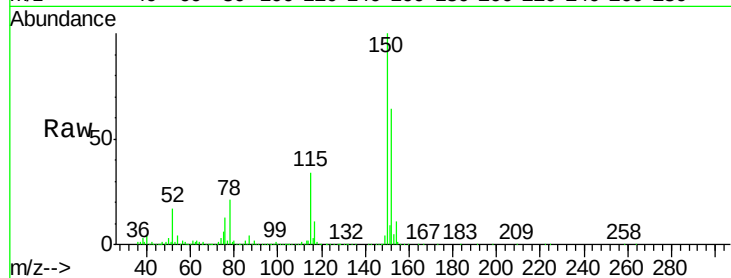
Tot Ion:152 Resp: 422733

Ion Ratio Lower Upper

152 100

115 54.6 39.1 117.2

150 157.1 0.0 344.8



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

