

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\  
 Data File : VX014543.D  
 Acq On : 10 Jan 2020 17:31  
 Operator : JC/SP  
 Sample : L1065-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 6-HER-002-003-02

Quant Time: Jan 11 00:01:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 07 15:54:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 487326   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 749944   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 670369   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 310041   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.05  | 65   | 269754   | 49.59 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.18%  |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 226928   | 49.99 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.98%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 889920   | 50.51 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.02% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 299131   | 46.25 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.50%  |          |

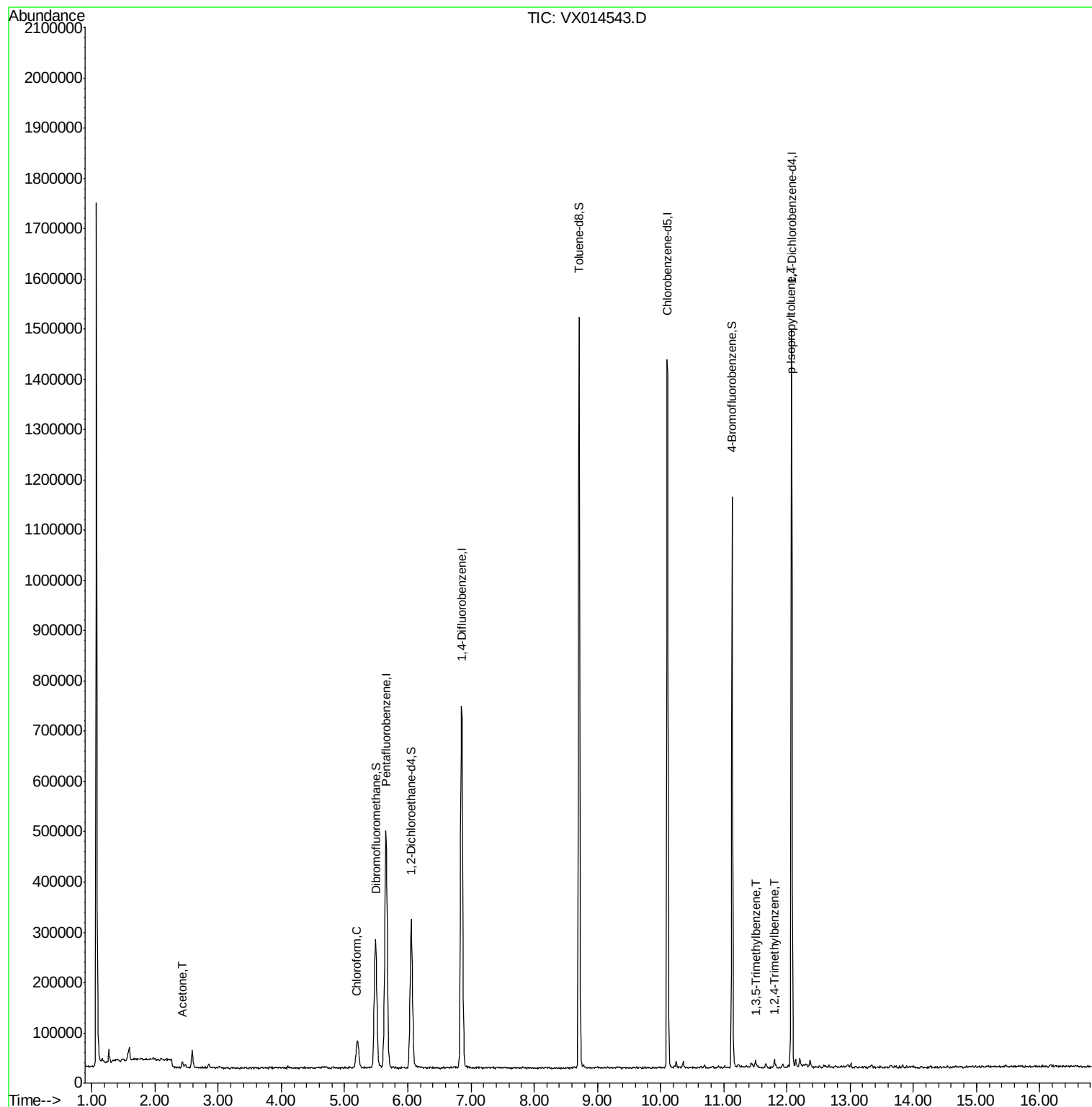
| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 16) Acetone                | 2.43  | 43   | 17793    | 2.384 | ug/l  | 93     |
| 30) Chloroform             | 5.20  | 83   | 68699    | 7.914 | ug/l  | 95     |
| 80) 1,3,5-Trimethylbenzene | 11.50 | 105  | 7087     | 0.392 | ug/l  | 96     |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105  | 7876     | 0.431 | ug/l  | 87     |
| 86) p-Isopropyltoluene     | 12.06 | 119  | 36271    | 1.841 | ug/l  | 92     |

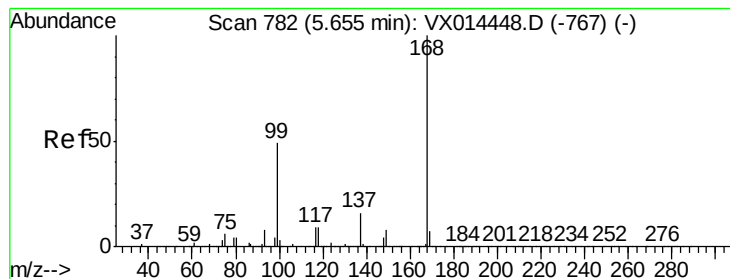
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011020\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010720W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 07 15:54:41 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014543.D

Acq: 10 Jan 2020 17:31

Instrument :

MSVOA\_X

ClientSampleId :

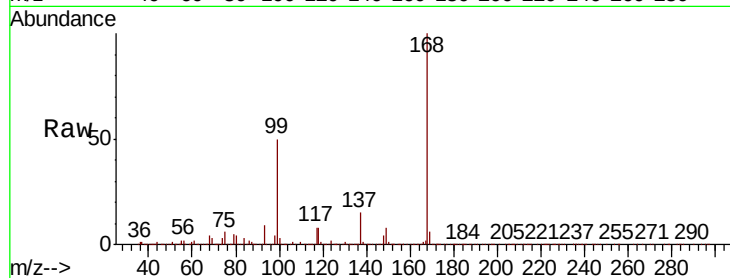
6-HER-002-003-02

Tot Ion:168 Resp: 487326

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

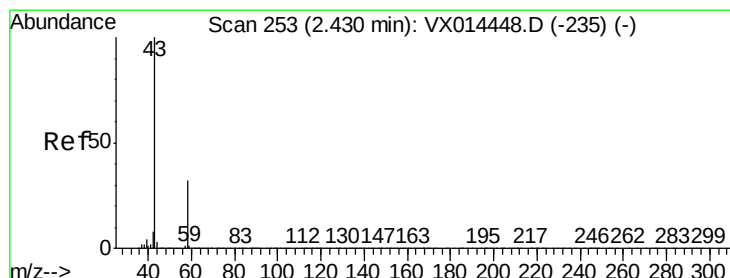
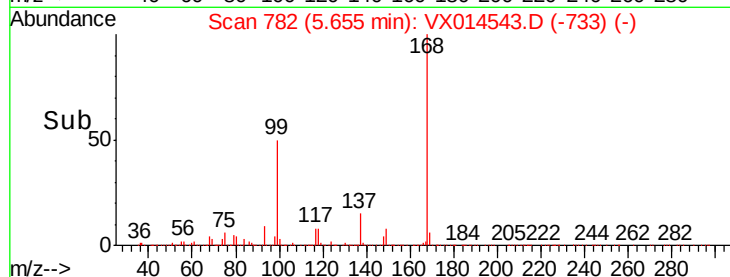
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.384 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014543.D

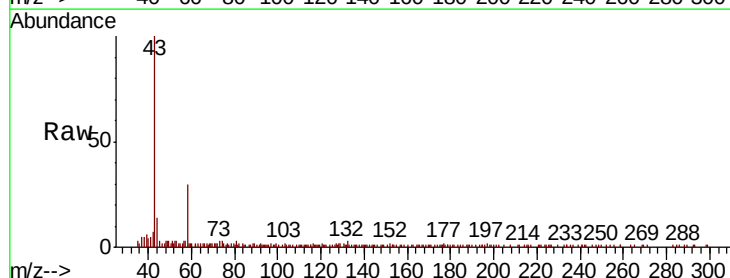
Acq: 10 Jan 2020 17:31

Tgt Ion: 43 Resp: 17793

Ion Ratio Lower Upper

43 100

58 27.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

10000

8000

6000

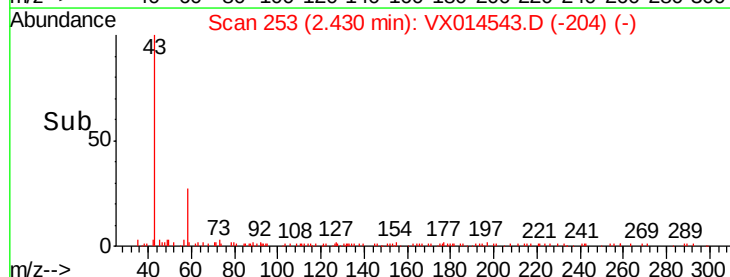
4000

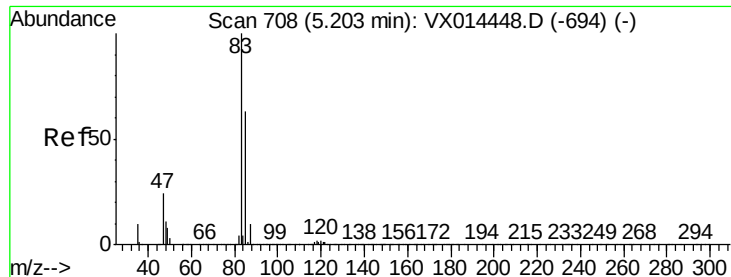
2000

0

Time-->

2.40 2.50

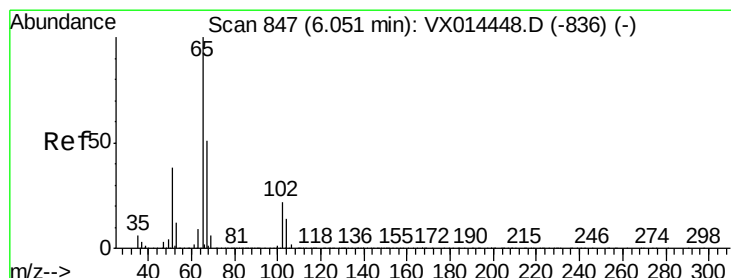
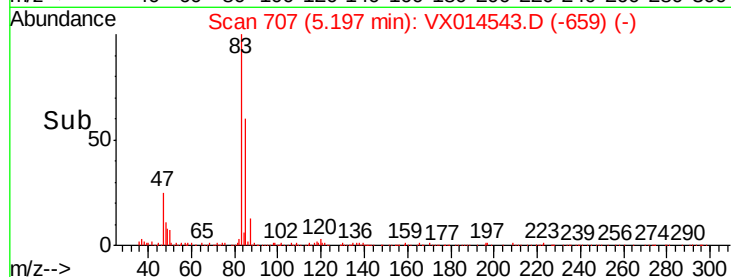
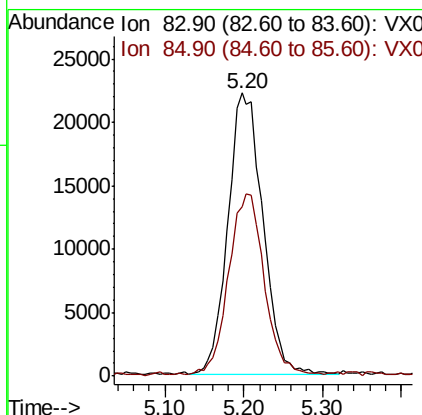
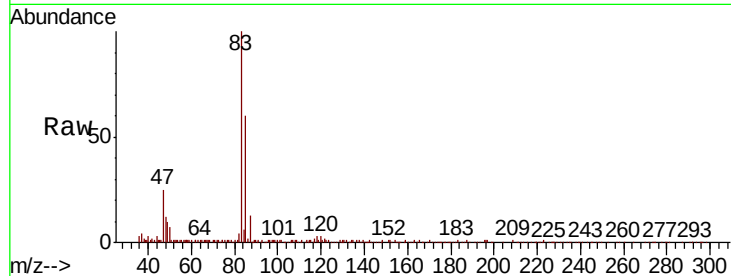




#30  
Chloroform  
Concen: 7.914 ug/l  
RT: 5.20 min Scan# 707  
Delta R.T. -0.01 min  
Lab File: VX014543.D  
Acq: 10 Jan 2020 17:31

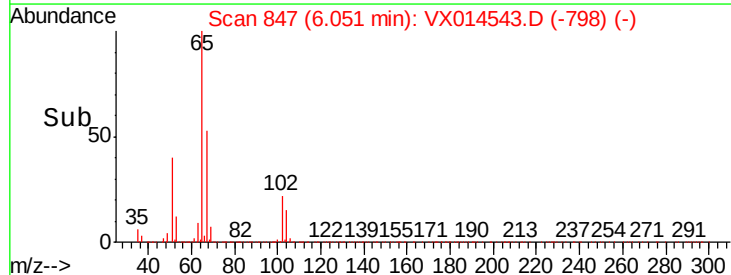
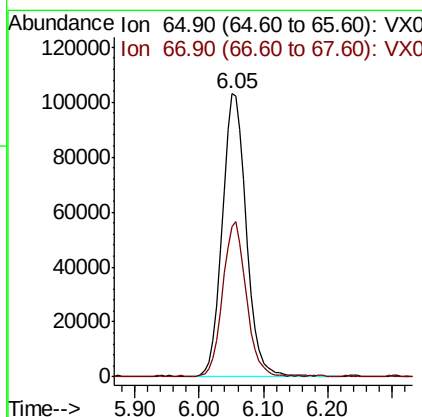
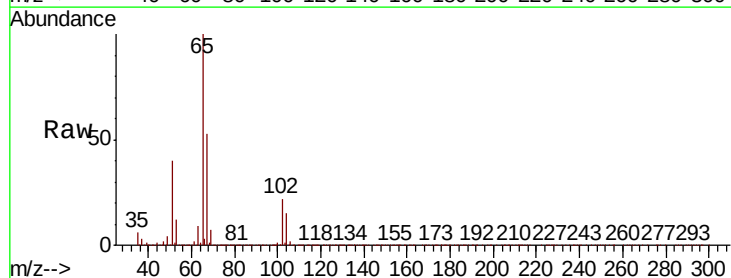
Instrument :  
MSVOA\_X  
ClientSampleId :  
6-HER-002-003-02

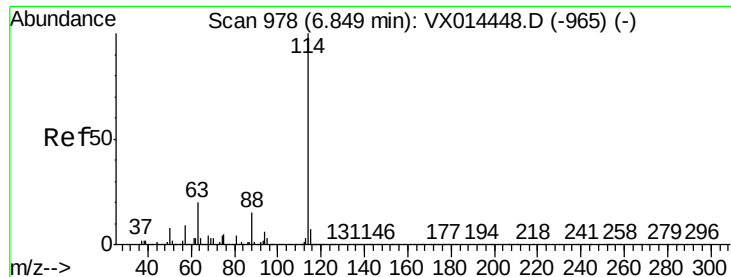
Tot Ion: 83 Resp: 68699  
Ion Ratio Lower Upper  
83 100  
85 59.1 50.6 75.8



#33  
1,2-Dichloroethane-d4  
Concen: 49.585 ug/l  
RT: 6.05 min Scan# 847  
Delta R.T. 0.00 min  
Lab File: VX014543.D  
Acq: 10 Jan 2020 17:31

Tgt Ion: 65 Resp: 269754  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014543.D

Acq: 10 Jan 2020 17:31

Instrument :

MSVOA\_X

ClientSampleId :

6-HER-002-003-02

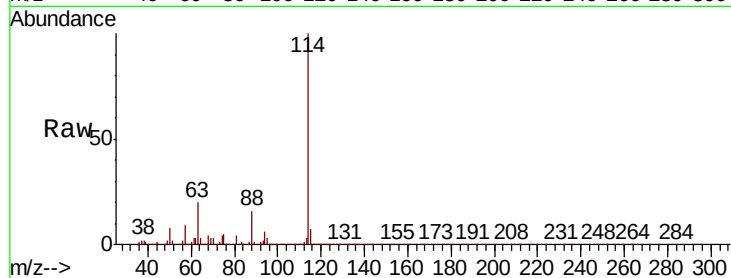
Tot Ion:114 Resp: 749944

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

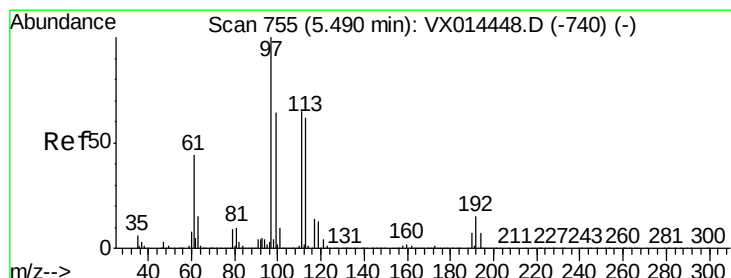
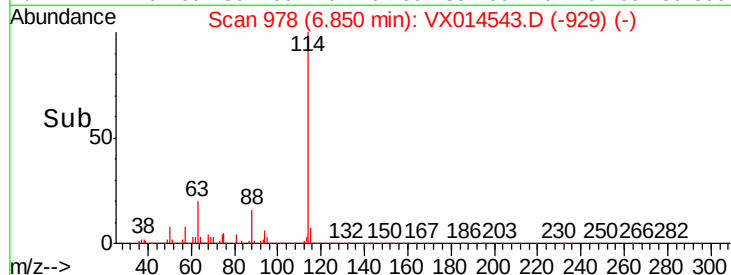
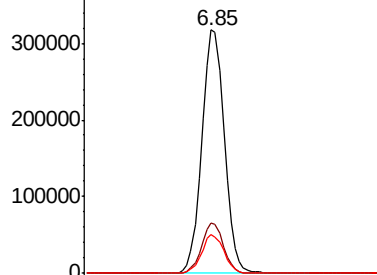
88 15.6 0.0 30.8



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: 49.987 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014543.D

Acq: 10 Jan 2020 17:31

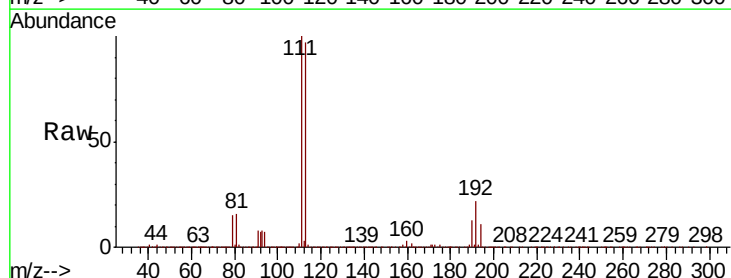
Tgt Ion:113 Resp: 226928

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

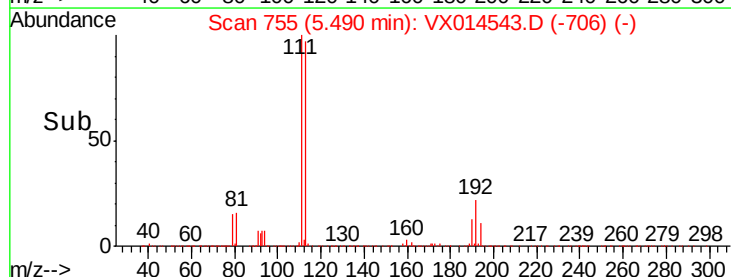
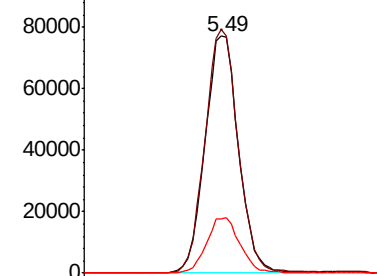
192 23.3 19.2 28.8

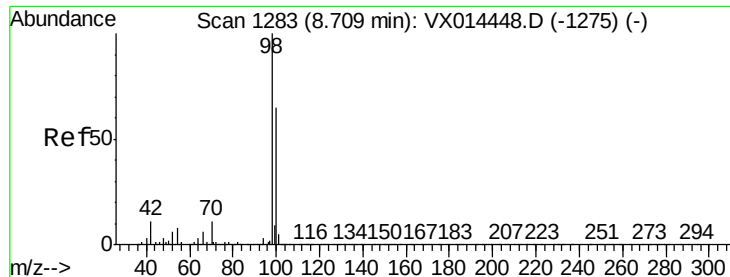


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.514 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014543.D

Acq: 10 Jan 2020 17:31

Instrument :

MSVOA\_X

ClientSampleId :

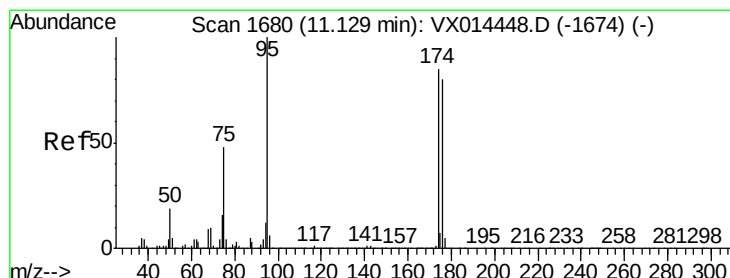
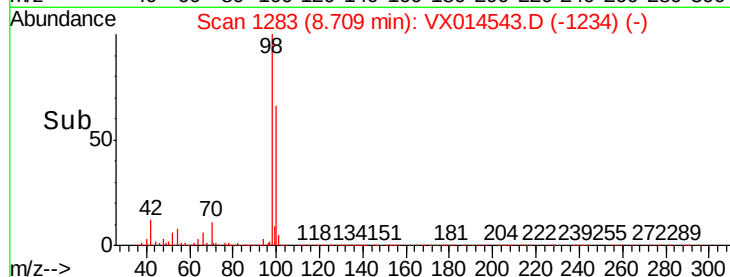
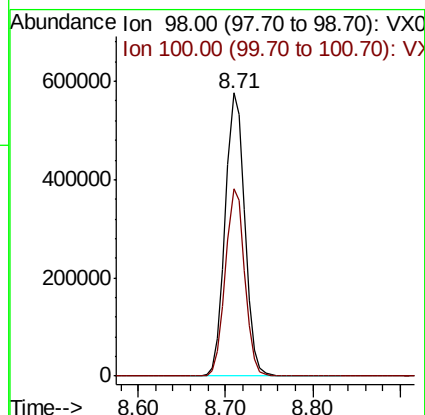
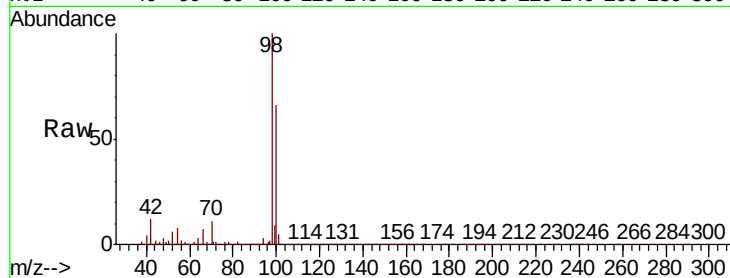
6-HER-002-003-02

Tot Ion: 98 Resp: 889920

Ion Ratio Lower Upper

98 100

100 65.3 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 46.252 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014543.D

Acq: 10 Jan 2020 17:31

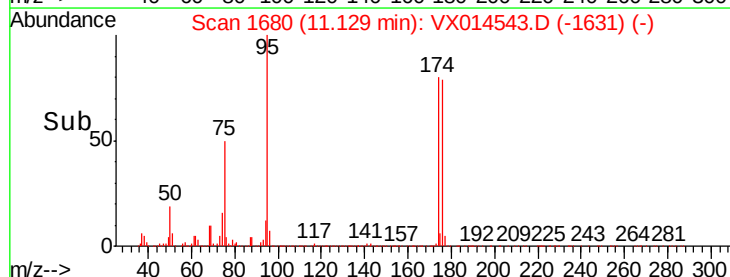
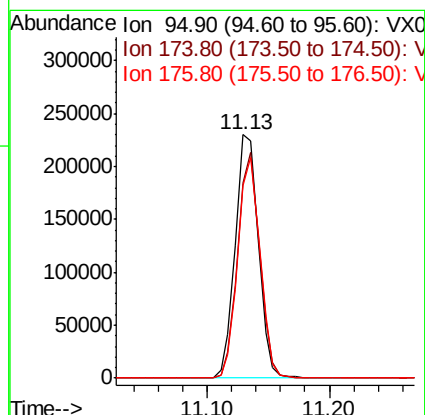
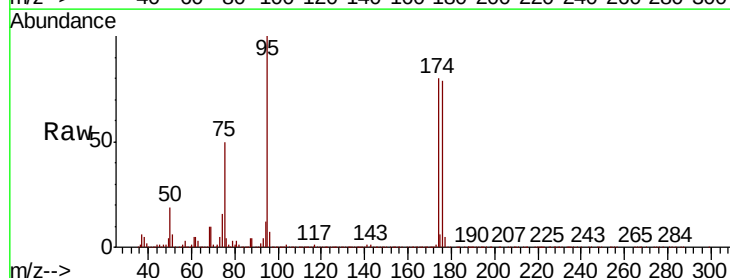
Tgt Ion: 95 Resp: 299131

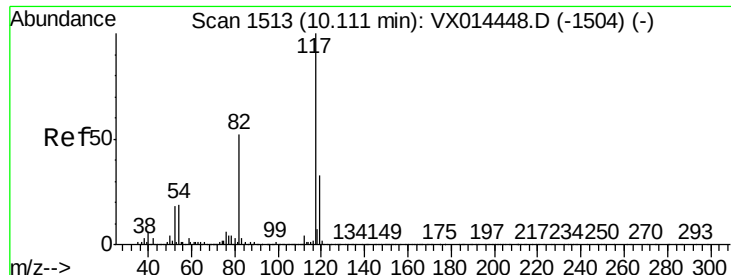
Ion Ratio Lower Upper

95 100

174 88.7 0.0 180.8

176 87.7 0.0 172.8

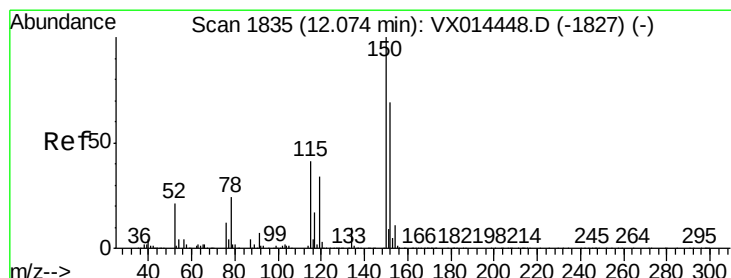
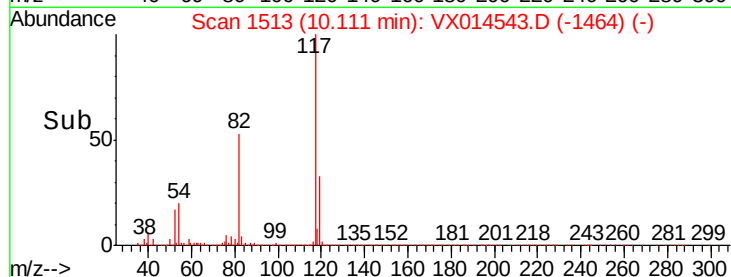
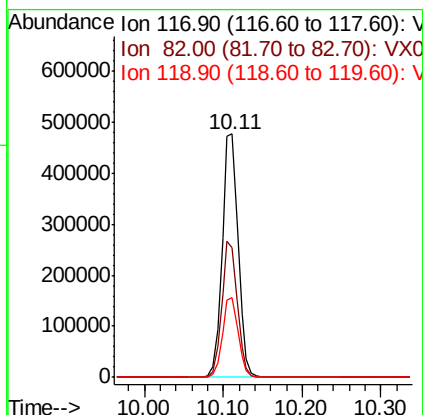
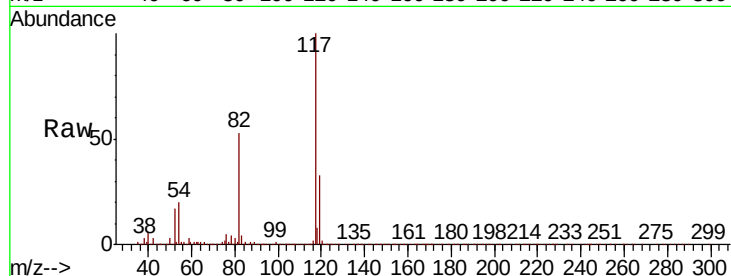




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX014543.D  
Acq: 10 Jan 2020 17:31

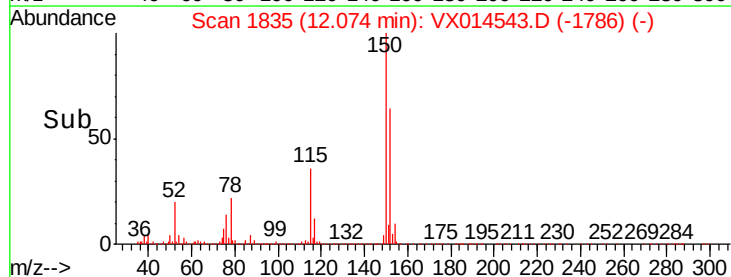
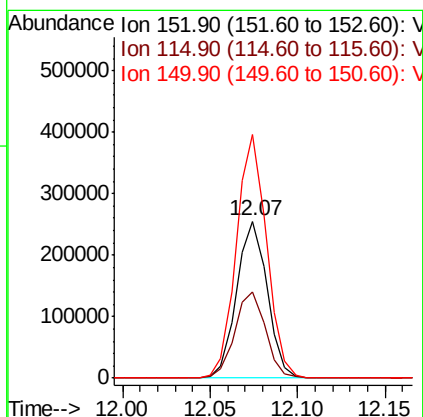
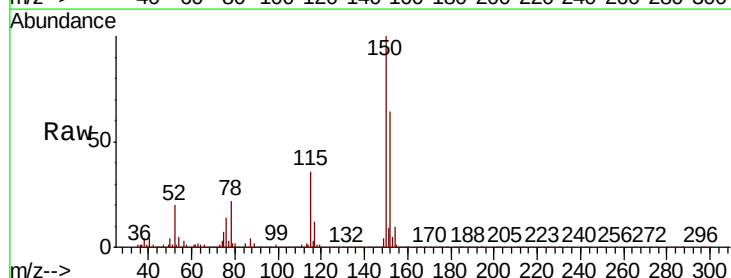
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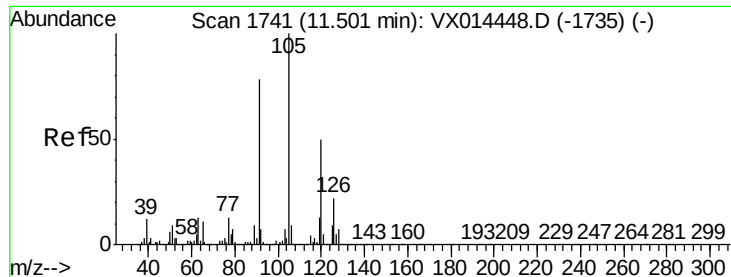
Tot Ion:117 Resp: 670369  
Ion Ratio Lower Upper  
117 100  
82 53.2 41.8 62.6  
119 32.7 26.2 39.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX014543.D  
Acq: 10 Jan 2020 17:31

Tgt Ion:152 Resp: 310041  
Ion Ratio Lower Upper  
152 100  
115 55.6 39.5 118.3  
150 154.4 0.0 350.2

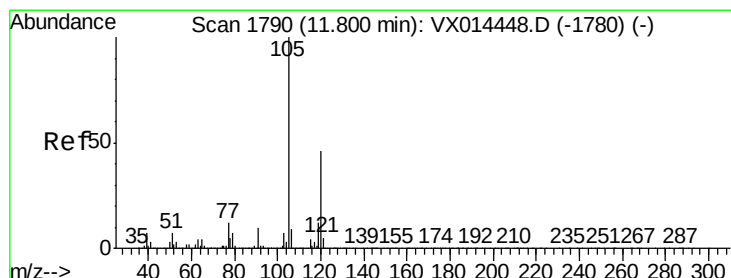
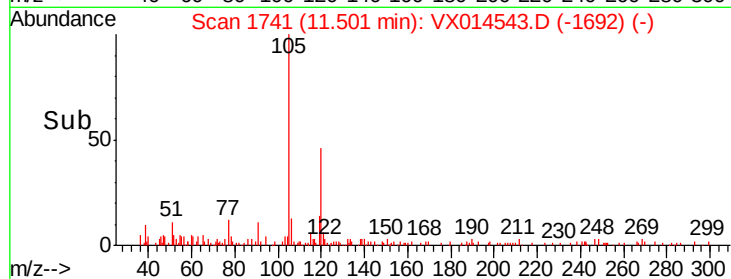
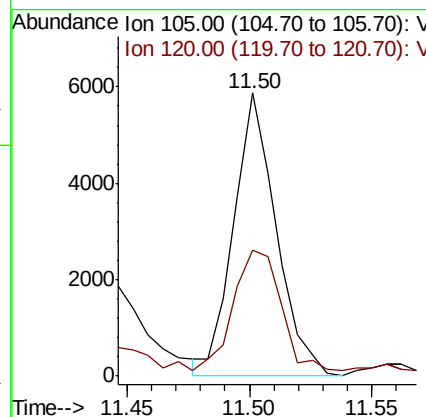
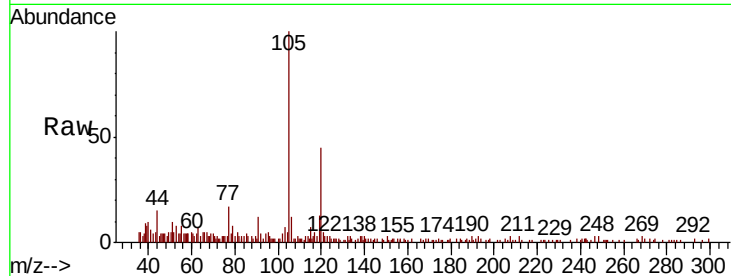




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.392 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX014543.D  
 Acq: 10 Jan 2020 17:31

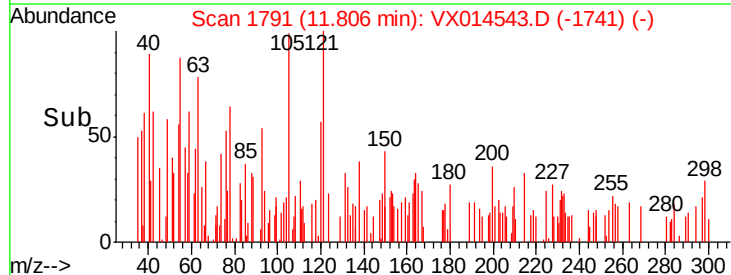
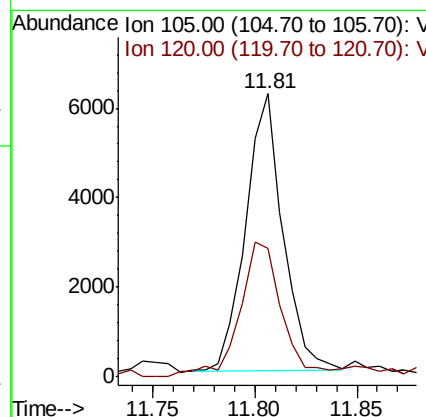
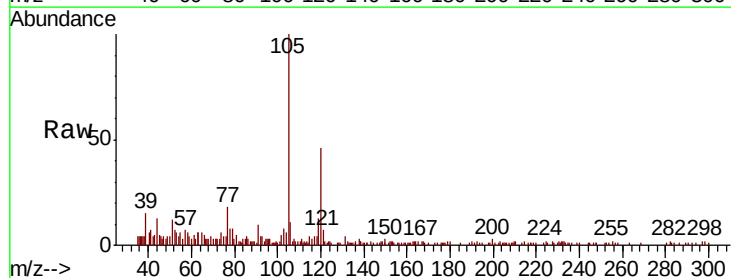
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 6-HER-002-003-02

Tot Ion:105 Resp: 7087  
 Ion Ratio Lower Upper  
 105 100  
 120 47.5 25.2 75.6

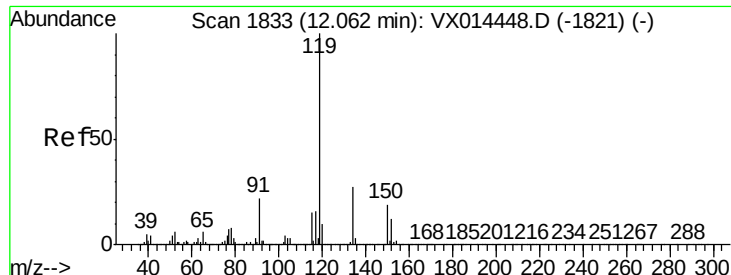


#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.431 ug/l  
 RT: 11.81 min Scan# 1791  
 Delta R.T. 0.01 min  
 Lab File: VX014543.D  
 Acq: 10 Jan 2020 17:31

Tgt Ion:105 Resp: 7876  
 Ion Ratio Lower Upper  
 105 100  
 120 54.8 23.1 69.3







#86

p-Isopropyltoluene

Concen: 1.841 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014543.D

Acq: 10 Jan 2020 17:31

Instrument :

MSVOA\_X

ClientSampleId :

6-HER-002-003-02

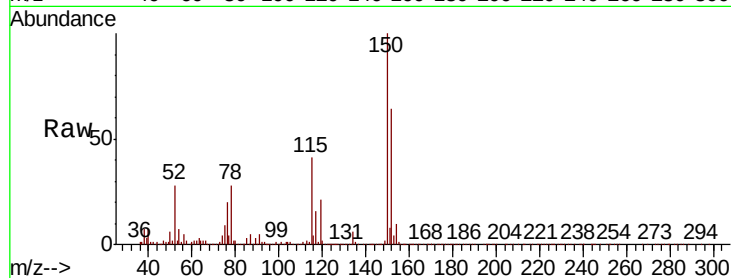
Tot Ion:119 Resp: 36271

Ion Ratio Lower Upper

119 100

134 30.5 13.5 40.4

91 26.8 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

