

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\  
 Data File : VX006127.D  
 Acq On : 21 Nov 2018 16:59  
 Operator : JC/MD  
 Sample : J5981-05ME  
 Misc : 2.82g/10ml/100ul/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DTW-03(8-10)ME

Quant Time: Nov 26 10:43:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112018W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 21 08:15:54 2018  
 Response via : Initial Calibration

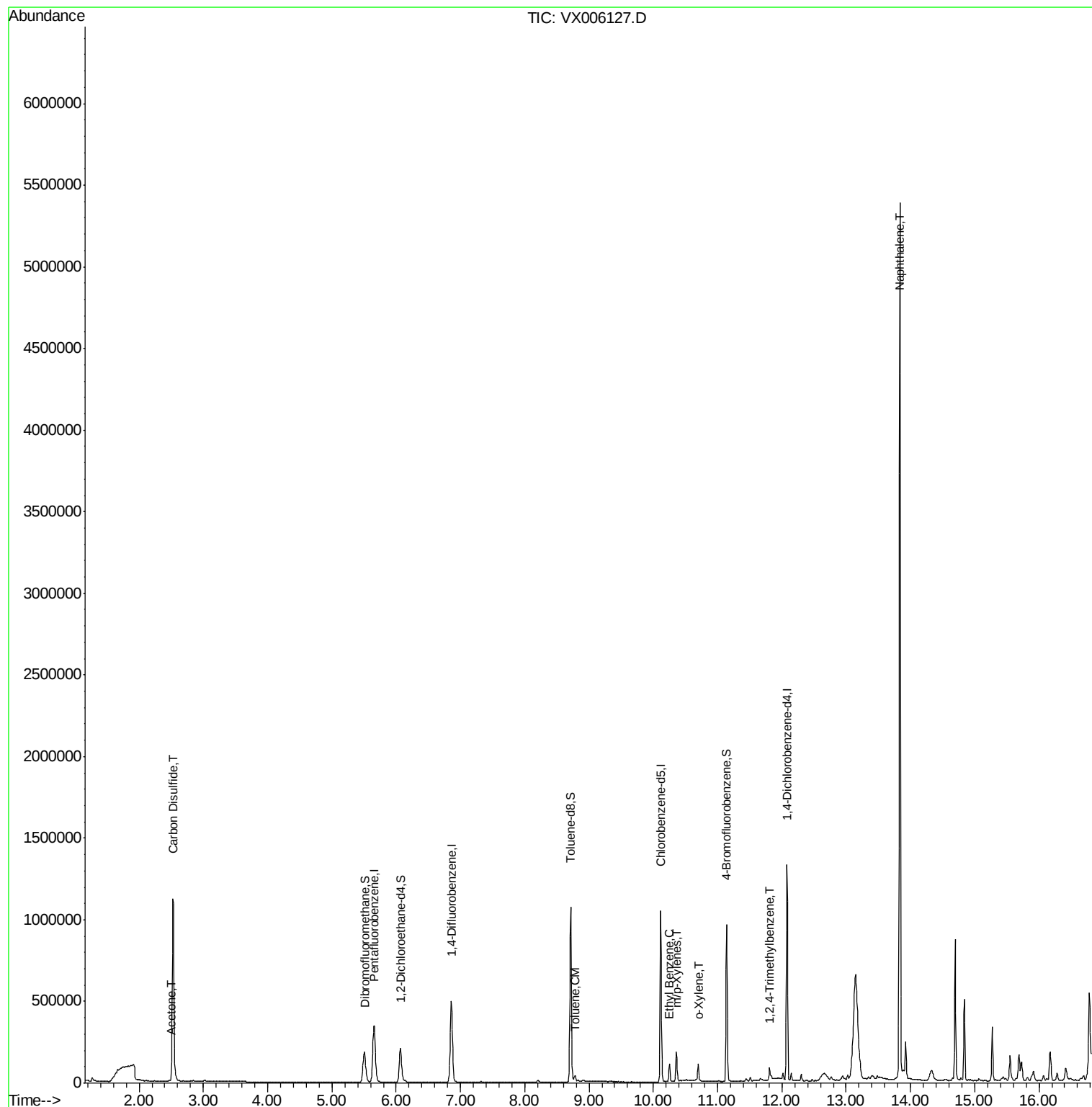
| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 5.65  | 168  | 352155   | 50.00   | ug/l    | -0.01    |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 530035   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 496465   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 274192   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 212487   | 52.07   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 104.14% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 165784   | 48.73   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 97.46%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 653138   | 50.33   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 100.66% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 243048   | 49.92   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 99.84%  |          |
| Target Compounds            |       |      |          |         |         |          |
| 16) Acetone                 | 2.49  | 43   | 5989     | 3.307   | ug/l    | 94       |
| 17) Carbon Disulfide        | 2.53  | 76   | 1416171  | 206.258 | ug/l    | 98       |
| 52) Toluene                 | 8.78  | 92   | 12138    | 1.381   | ug/l    | 96       |
| 67) Ethyl Benzene           | 10.25 | 91   | 65604    | 3.934   | ug/l    | 96       |
| 68) m/p-Xylenes             | 10.36 | 106  | 41381    | 6.373   | ug/l    | 99       |
| 69) o-Xylene                | 10.70 | 106  | 22604    | 3.645   | ug/l    | 97       |
| 84) 1,2,4-Trimethylbenzene  | 11.81 | 105  | 31968    | 2.241   | ug/l    | 99       |
| 95) Naphthalene             | 13.83 | 128  | 3214993  | 177.157 | ug/l    | 100      |

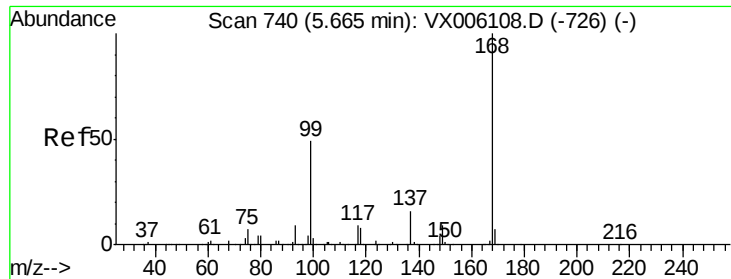
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DTW-03(8-10)ME

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X112018W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 21 08:15:54 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006127.D

Acq: 21 Nov 2018 16:59

Instrument :

MSVOA\_X

ClientSampleId :

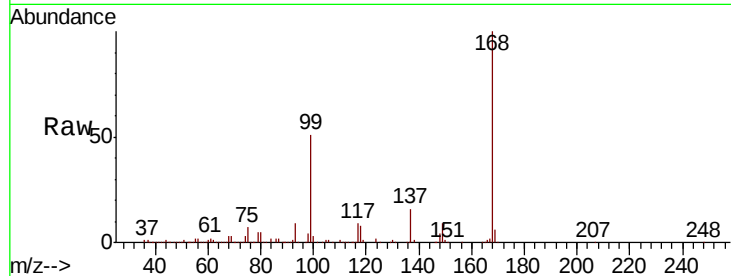
DTW-03(8-10)ME

Tot Ion:168 Resp: 352155

Ion Ratio Lower Upper

168 100

99 50.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

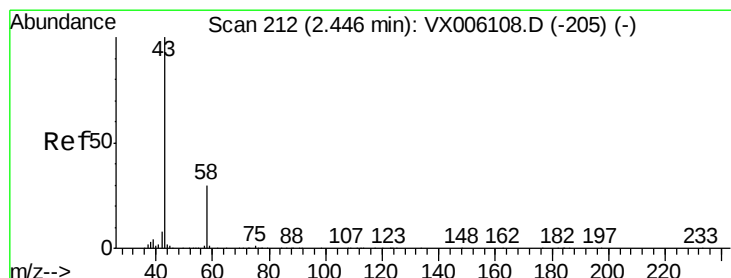
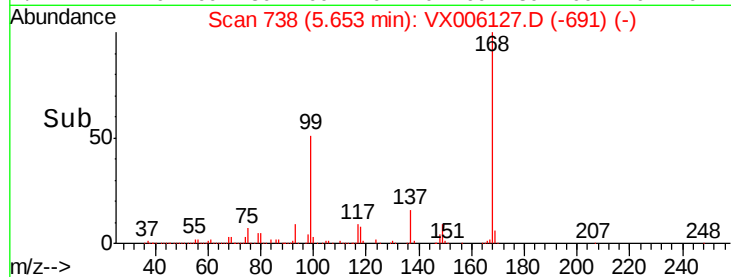
5.65

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.307 ug/l

RT: 2.49 min Scan# 219

Delta R.T. 0.04 min

Lab File: VX006127.D

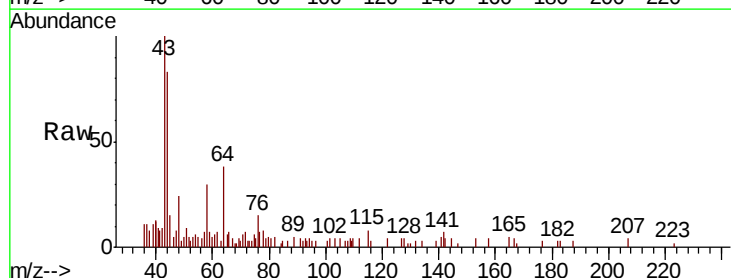
Acq: 21 Nov 2018 16:59

Tgt Ion: 43 Resp: 5989

Ion Ratio Lower Upper

43 100

58 26.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.49

2500

2000

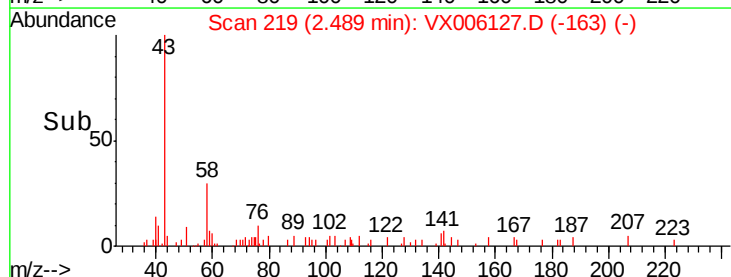
1500

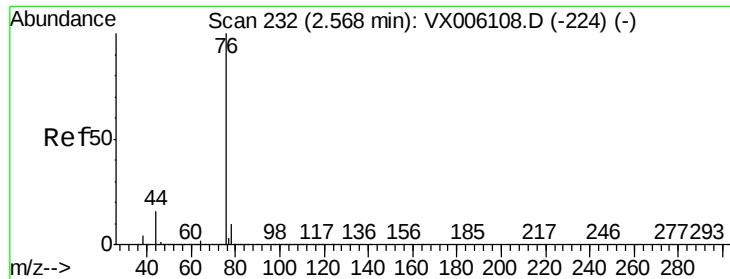
1000

500

0

Time--> 2.40 2.50 2.60

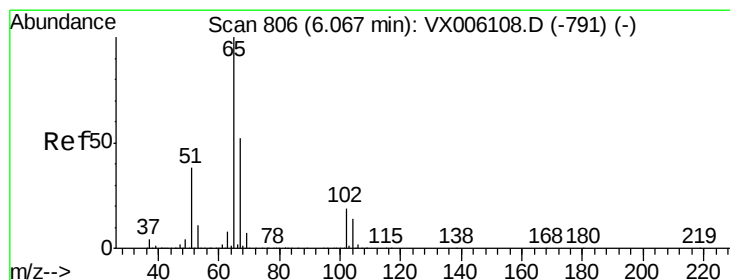
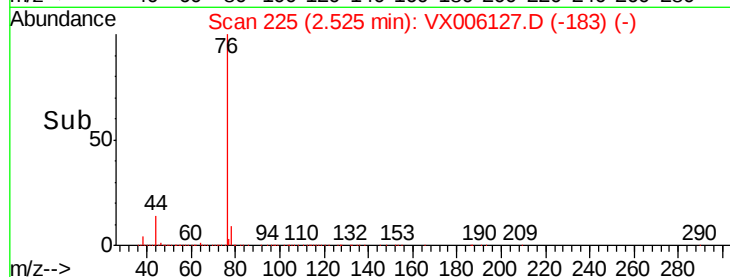
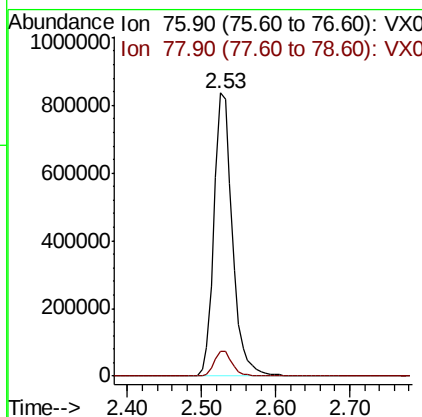
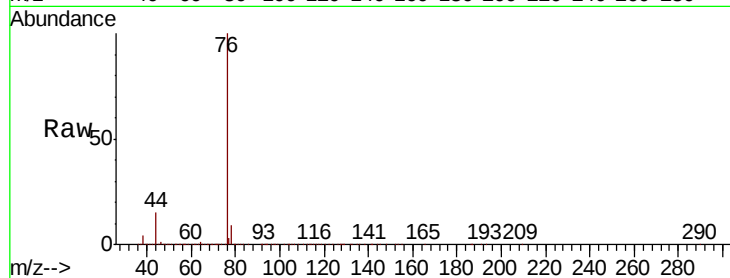




#17  
Carbon Disulfide  
Concen: 206.258 ug/l  
RT: 2.53 min Scan# 225  
Delta R.T. -0.04 min  
Lab File: VX006127.D  
Acq: 21 Nov 2018 16:59

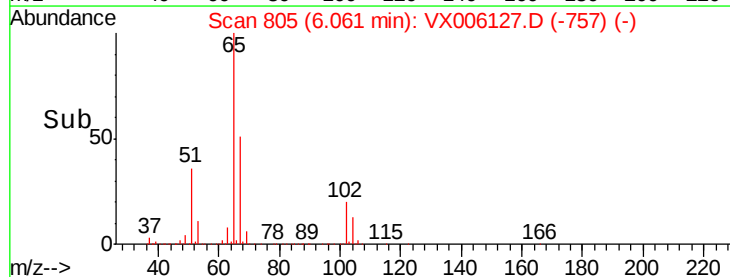
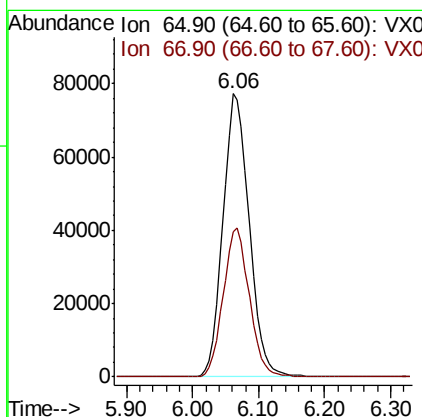
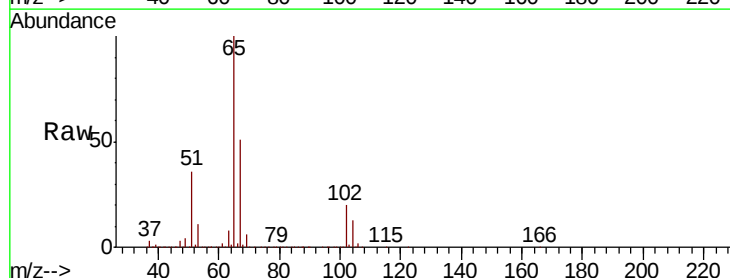
Instrument :  
MSVOA\_X  
ClientSampleId :  
DTW-03(8-10)ME

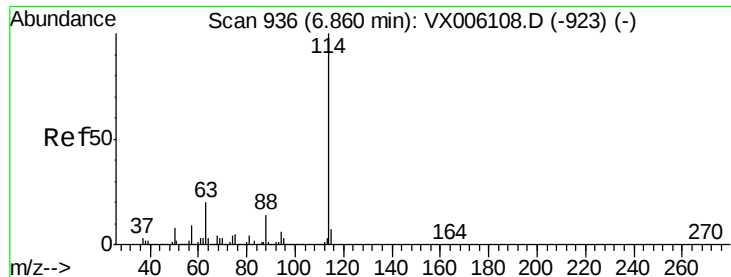
Tot Ion: 76 Resp: 1416171  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.7 11.5



#33  
1,2-Dichloroethane-d4  
Concen: 52.073 ug/l  
RT: 6.06 min Scan# 805  
Delta R.T. -0.01 min  
Lab File: VX006127.D  
Acq: 21 Nov 2018 16:59

Tgt Ion: 65 Resp: 212487  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006127.D

Acq: 21 Nov 2018 16:59

Instrument :

MSVOA\_X

ClientSampleId :

DTW-03(8-10)ME

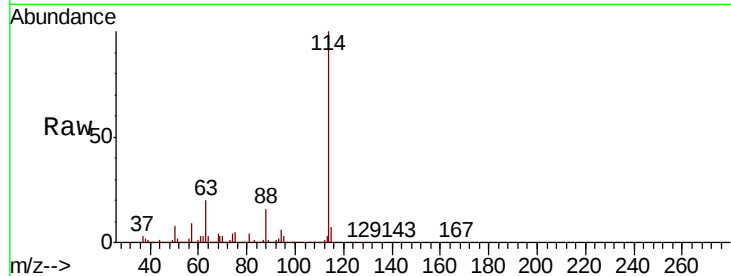
Tot Ion:114 Resp: 530035

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

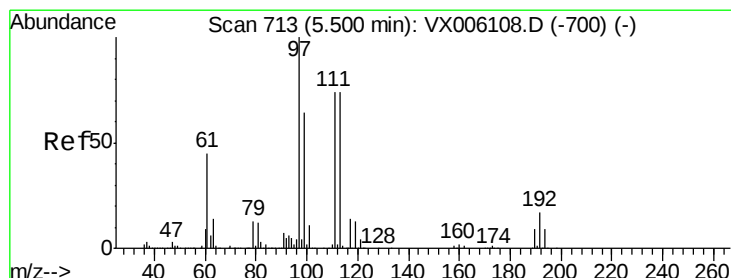
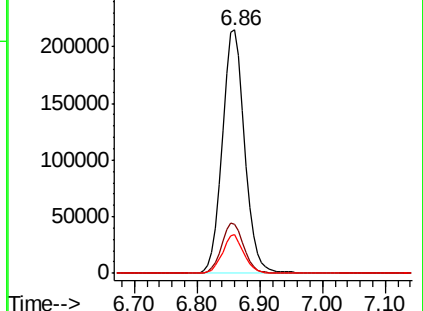
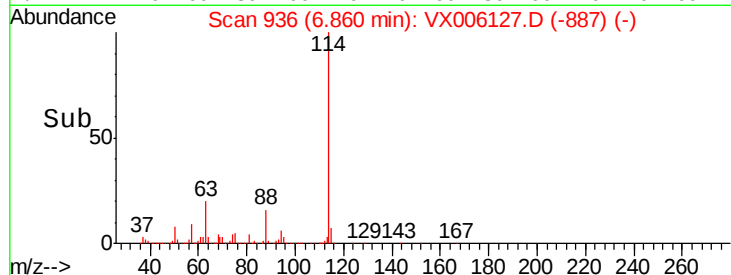
88 16.0 0.0 28.6



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: 48.726 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006127.D

Acq: 21 Nov 2018 16:59

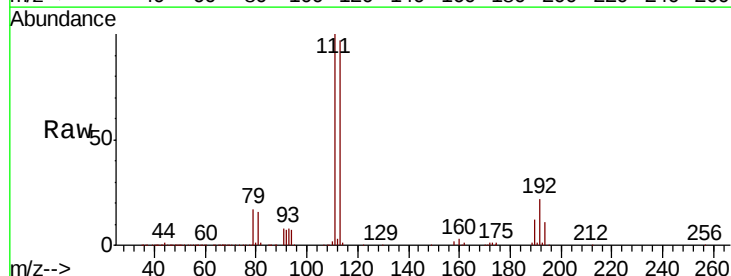
Tgt Ion:113 Resp: 165784

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

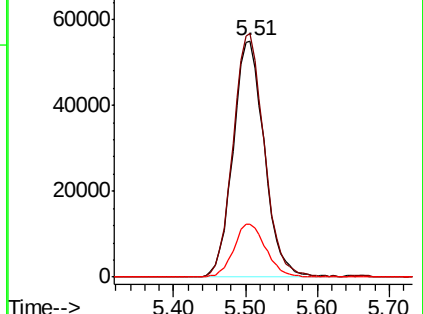
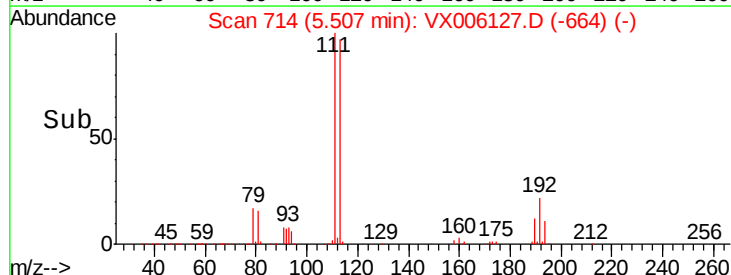
192 23.0 18.6 28.0

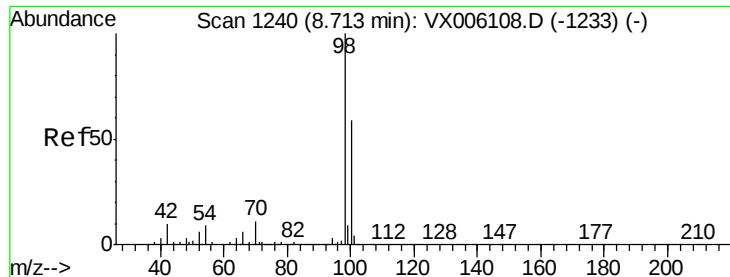


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.329 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006127.D

Acq: 21 Nov 2018 16:59

Instrument :

MSVOA\_X

ClientSampleId :

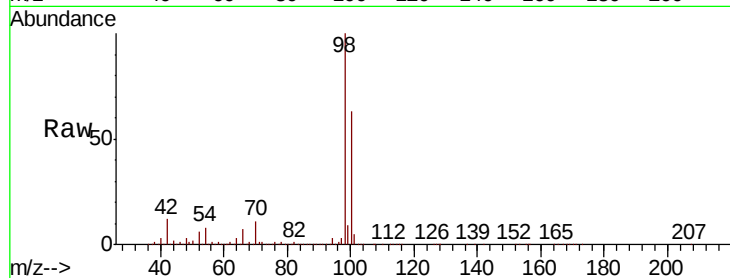
DTW-03(8-10)ME

Tot Ion: 98 Resp: 653138

Ion Ratio Lower Upper

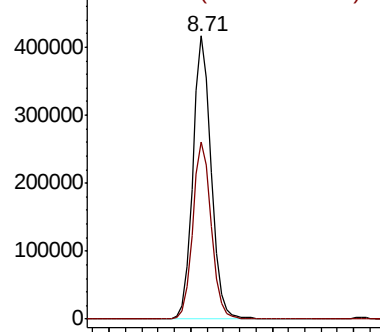
98 100

100 63.3 51.0 76.4

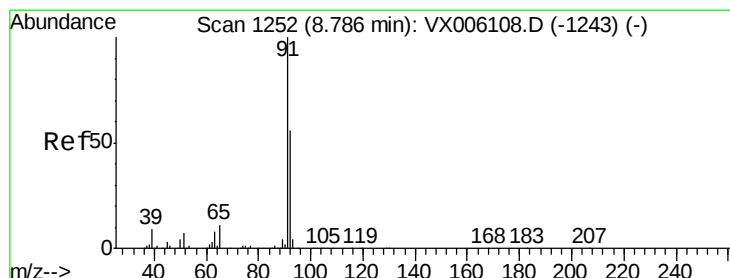
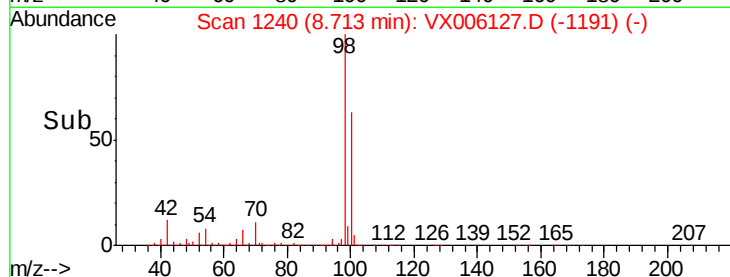


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#52

Toluene

Concen: 1.381 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006127.D

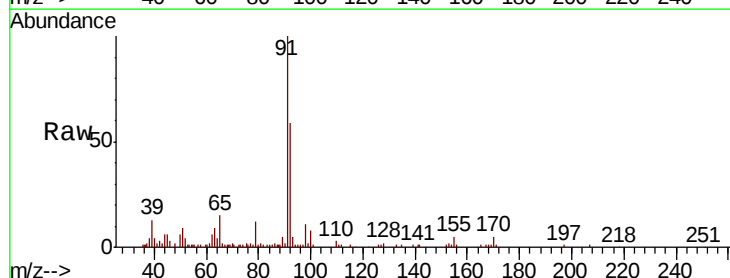
Acq: 21 Nov 2018 16:59

Tgt Ion: 92 Resp: 12138

Ion Ratio Lower Upper

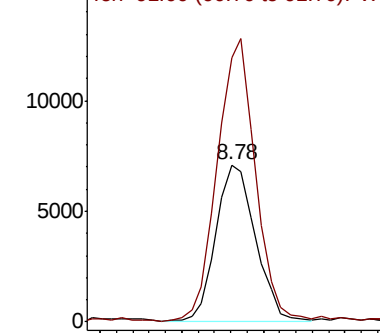
92 100

91 172.4 142.5 213.7

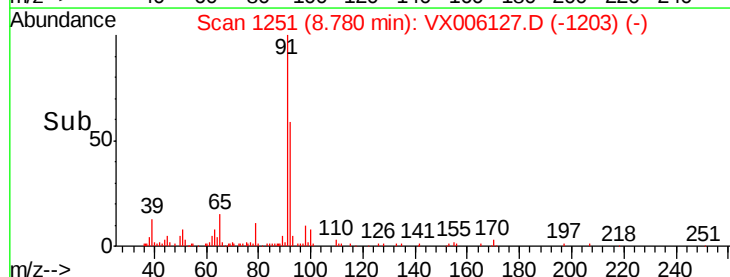


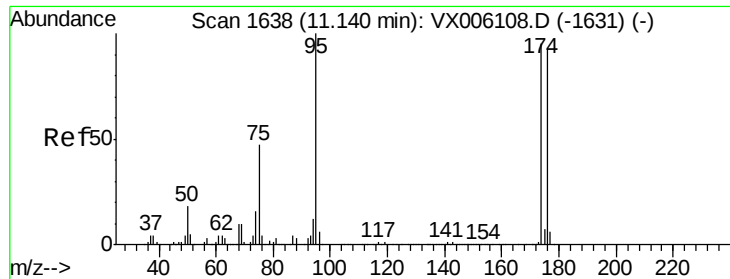
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->

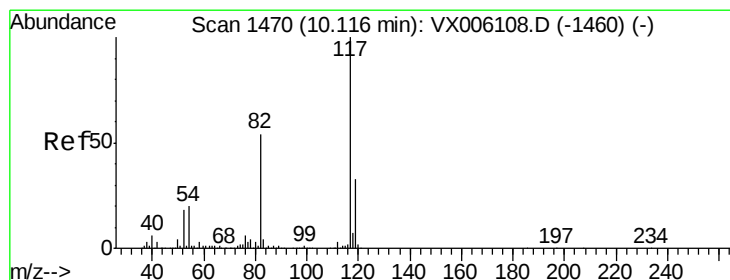
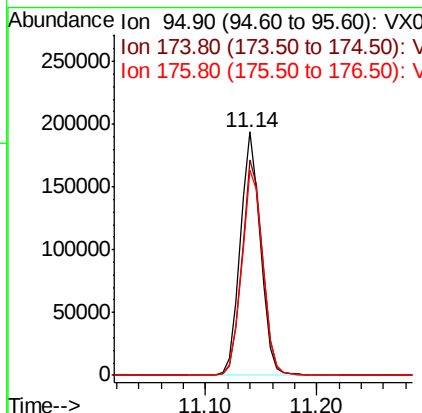
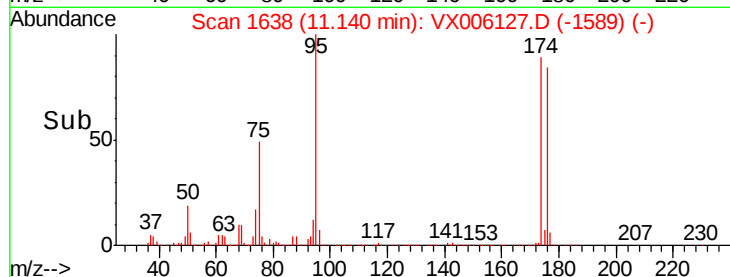
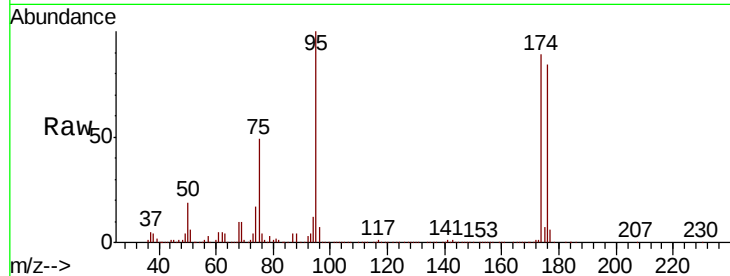




#62  
4-Bromofluorobenzene  
Concen: 49.916 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. 0.00 min  
Lab File: VX006127.D  
Acq: 21 Nov 2018 16:59

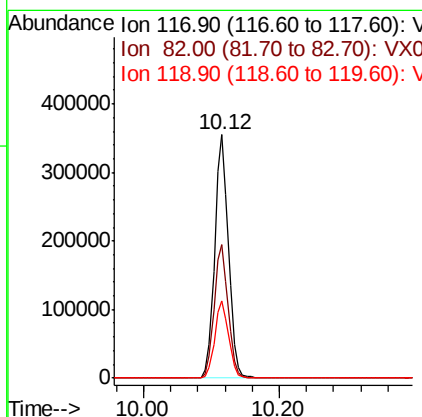
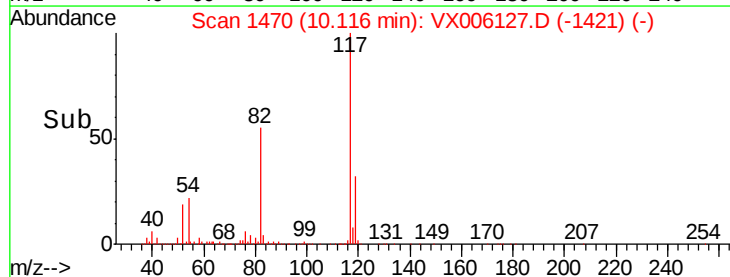
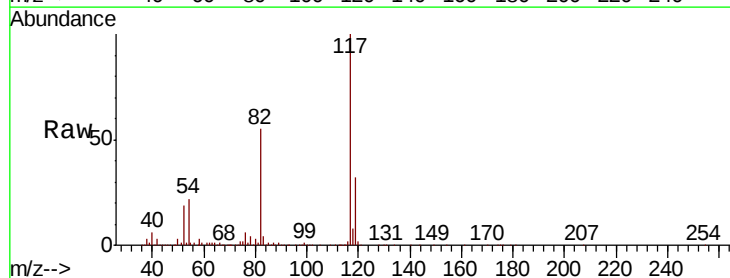
Instrument :  
MSVOA\_X  
ClientSampleId :  
DTW-03(8-10)ME

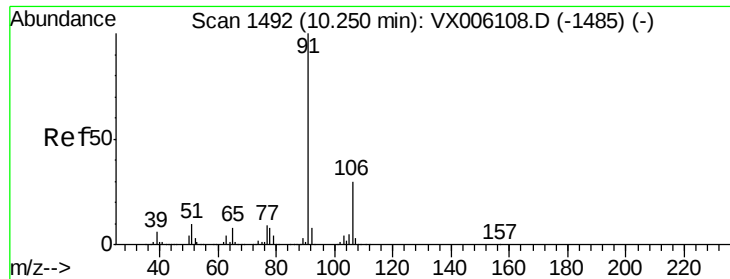
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 90.7  | 0.0   | 184.4 |
| 176     | 87.8  | 0.0   | 179.0 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX006127.D  
Acq: 21 Nov 2018 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.6  | 43.0  | 64.4  |
| 119     | 31.9  | 26.1  | 39.1  |





#67

Ethyl Benzene

Concen: 3.934 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006127.D

Acq: 21 Nov 2018 16:59

Instrument :

MSVOA\_X

ClientSampleId :

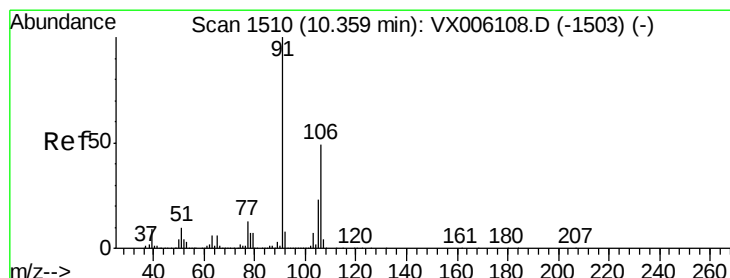
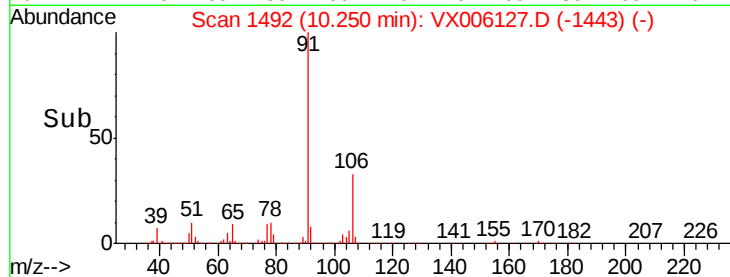
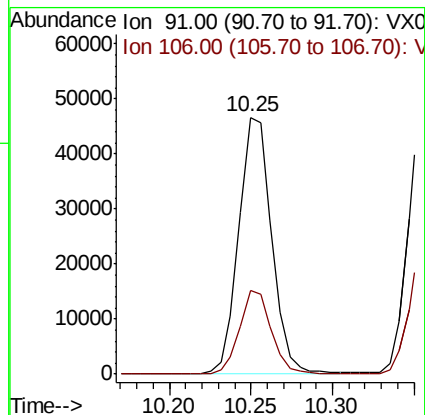
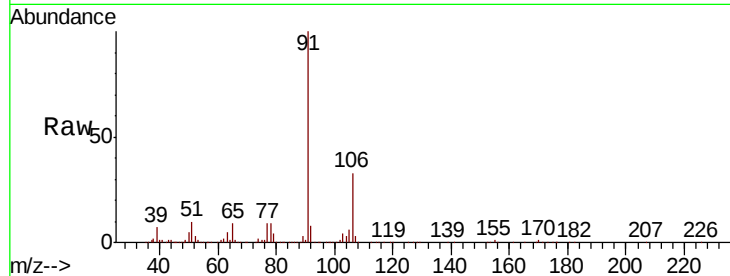
DTW-03(8-10)ME

Tot Ion: 91 Resp: 65604

Ion Ratio Lower Upper

91 100

106 32.6 24.4 36.6



#68

m/p-Xylenes

Concen: 6.373 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006127.D

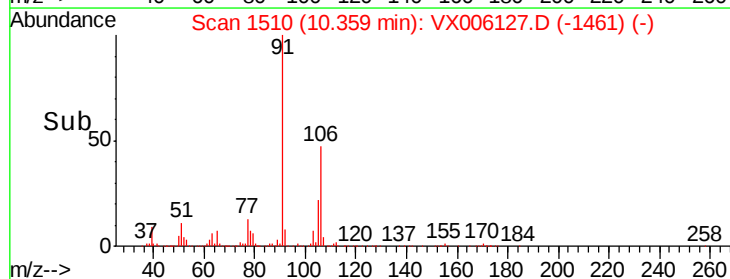
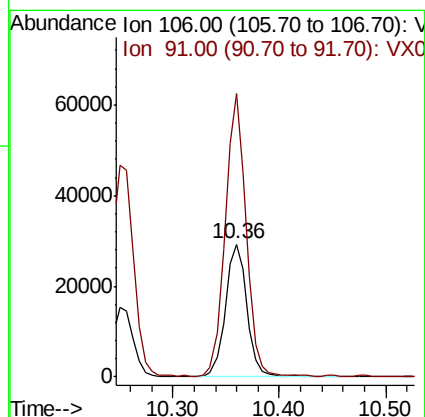
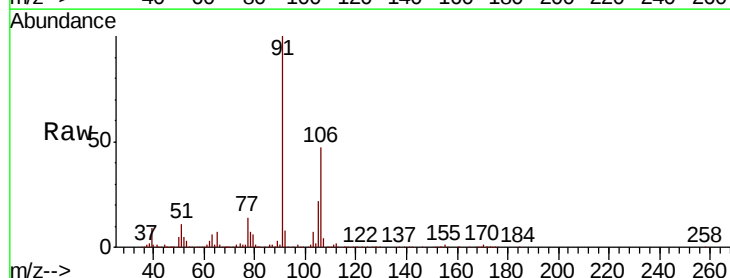
Acq: 21 Nov 2018 16:59

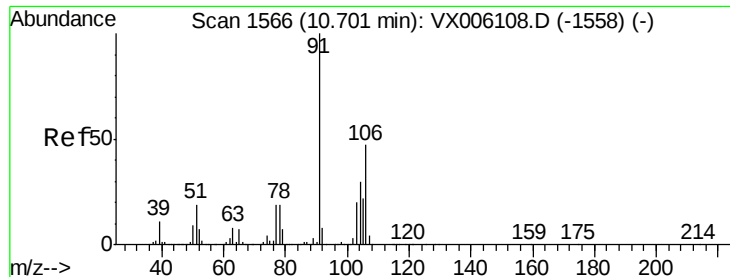
Tgt Ion: 106 Resp: 41381

Ion Ratio Lower Upper

106 100

91 204.5 162.0 243.0

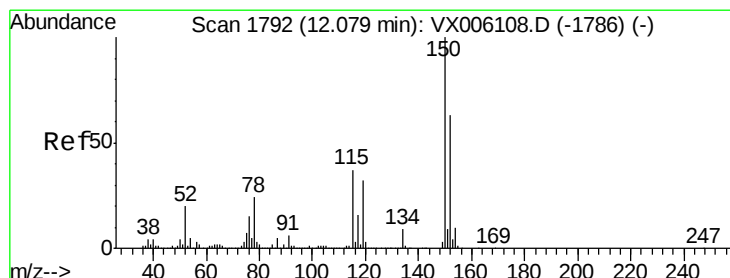
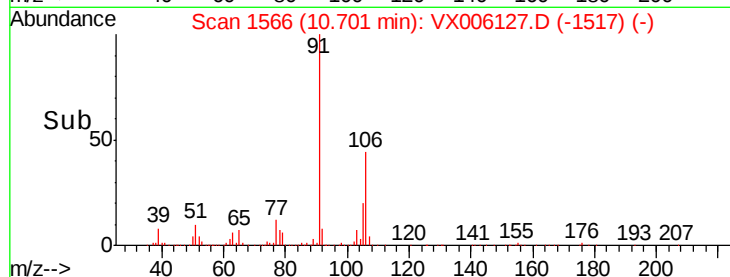
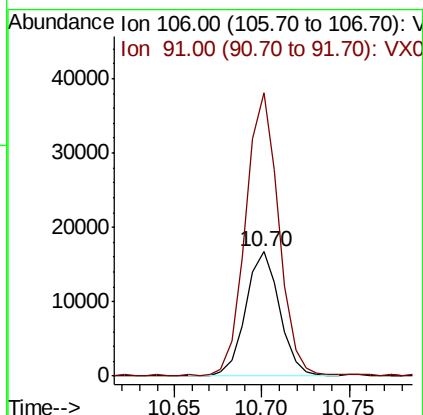
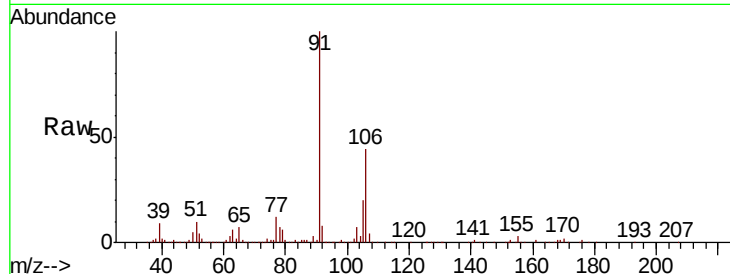




#69  
o-Xylene  
Concen: 3.645 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX006127.D  
Acq: 21 Nov 2018 16:59

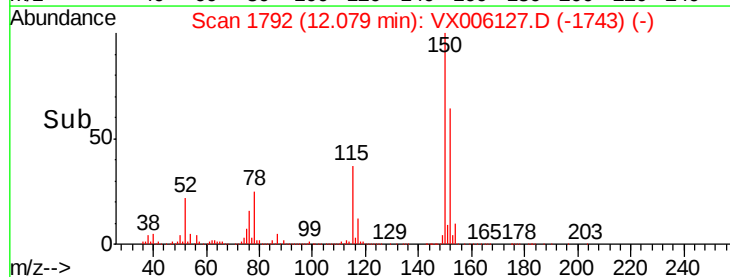
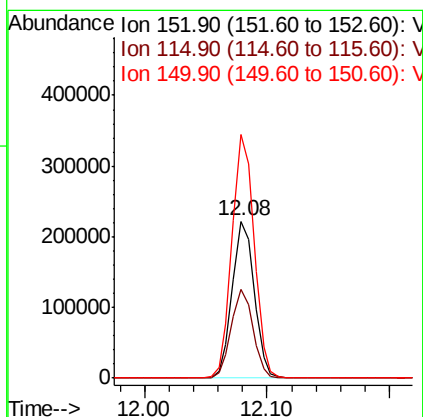
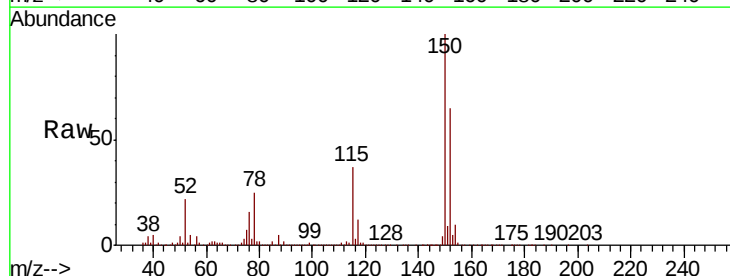
Instrument :  
MSVOA\_X  
ClientSampleId :  
DTW-03(8-10)ME

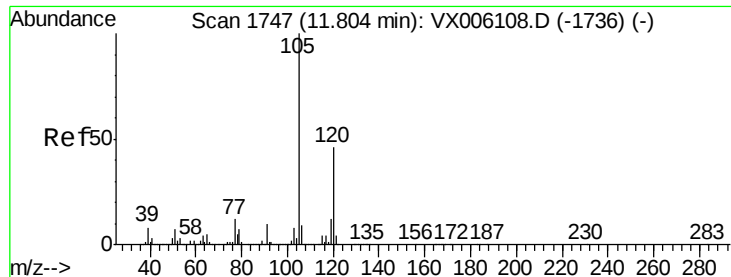
Tot Ion:106 Resp: 22604  
Ion Ratio Lower Upper  
106 100  
91 219.6 107.4 322.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX006127.D  
Acq: 21 Nov 2018 16:59

Tgt Ion:152 Resp: 274192  
Ion Ratio Lower Upper  
152 100  
115 56.0 39.0 116.9  
150 156.6 0.0 346.6





#84

1,2,4-Trimethylbenzene

Concen: 2.241 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006127.D

Acq: 21 Nov 2018 16:59

Instrument :

MSVOA\_X

ClientSampleId :

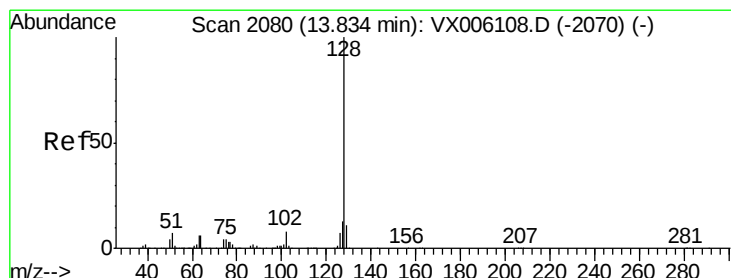
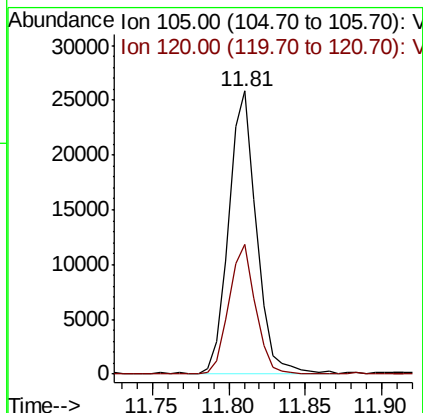
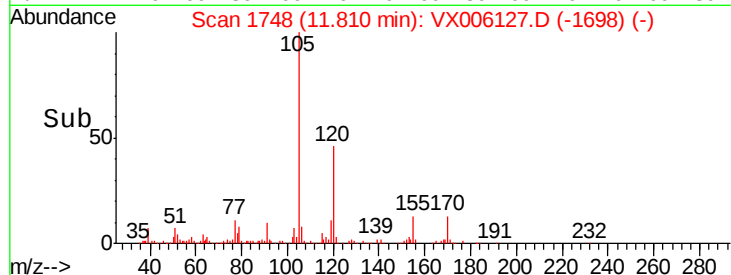
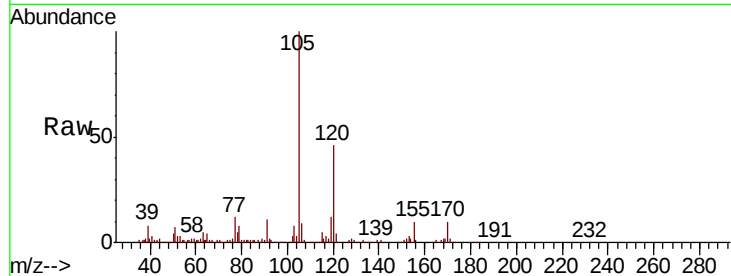
DTW-03(8-10)ME

Tot Ion:105 Resp: 31968

Ion Ratio Lower Upper

105 100

120 44.9 22.7 68.0



#95

Naphthalene

Concen: 177.157 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006127.D

Acq: 21 Nov 2018 16:59

Tgt Ion:128 Resp: 3214993

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 11.1 8.8 13.2

