

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\  
 Data File : VX002540.D  
 Acq On : 14 Jun 2018 06:14  
 Operator : JC/MD  
 Sample : J3423-03ME  
 Misc : 6.81g/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CAS1-SB-06-1-2ME

Quant Time: Jun 14 06:53:31 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

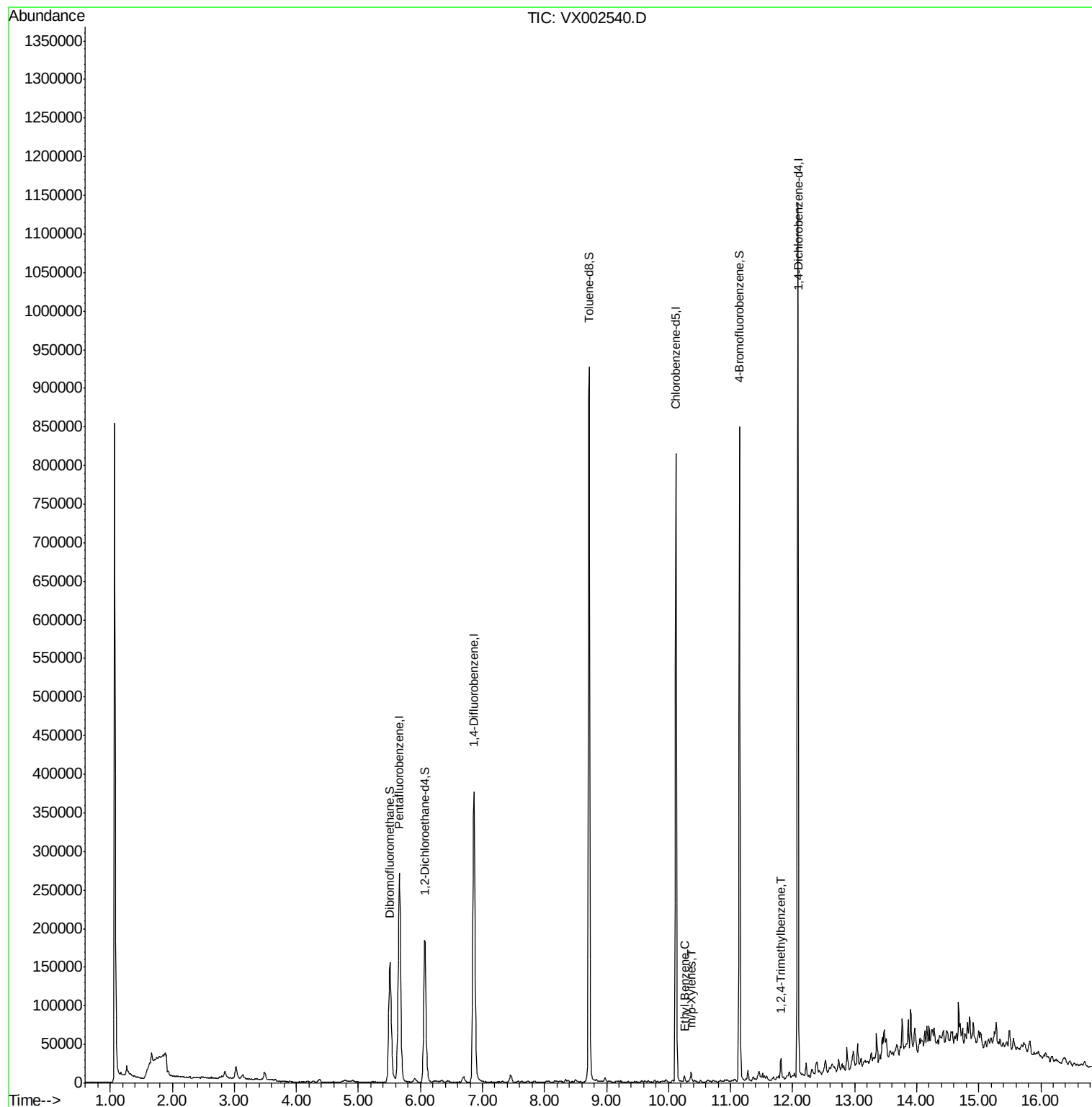
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 5.66  | 168  | 272106   | 50.00 | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 392361   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 368388   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.09 | 152  | 224232   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 180690   | 46.17 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.34% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 130322   | 42.24 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 84.48% |          |
| 50) Toluene-d8              | 8.72  | 98   | 557978   | 47.18 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.36% |          |
| 62) 4-Bromofluorobenzene    | 11.15 | 95   | 209548   | 45.95 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 91.90% |          |
| Target Compounds            |       |      |          |       |        |          |
| 67) Ethyl Benzene           | 10.26 | 91   | 3973     | 0.259 | ug/l   | 91       |
| 68) m/p-Xylenes             | 10.37 | 106  | 2567     | 0.430 | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene  | 11.81 | 105  | 8683     | 0.630 | ug/l   | 98       |

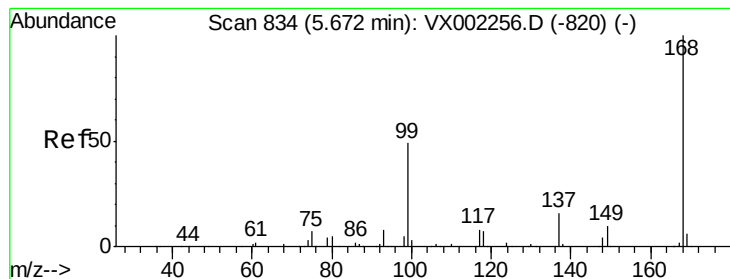
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\  
Data File : VX002540.D  
Acq On : 14 Jun 2018 06:14  
Operator : JC/MD  
Sample : J3423-03ME  
Misc : 6.81g/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
CAS1-SB-06-1-2ME

Quant Time: Jun 14 06:53:31 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 05 03:22:35 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX002540.D

Acq: 14 Jun 2018 06:14

Instrument :

MSVOA\_X

ClientSampleId :

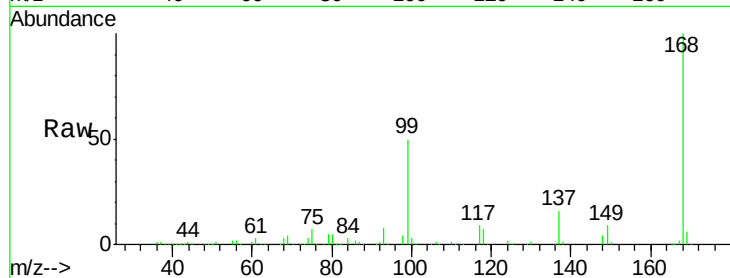
CAS1-SB-06-1-2ME

Tot Ion:168 Resp: 272106

Ion Ratio Lower Upper

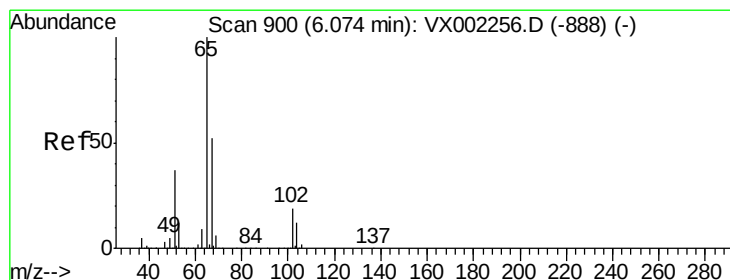
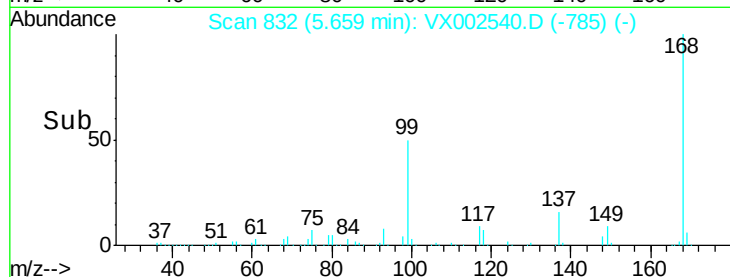
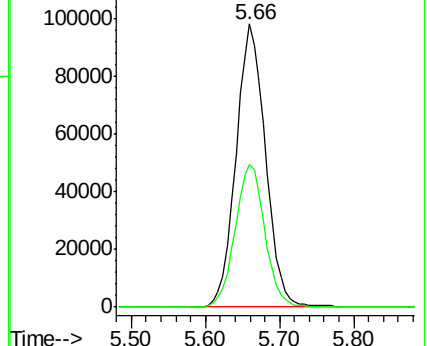
168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.172 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002540.D

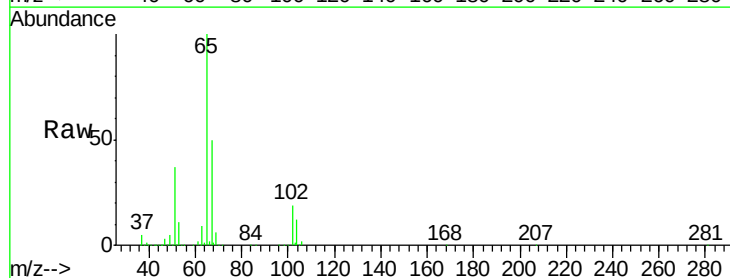
Acq: 14 Jun 2018 06:14

Tgt Ion: 65 Resp: 180690

Ion Ratio Lower Upper

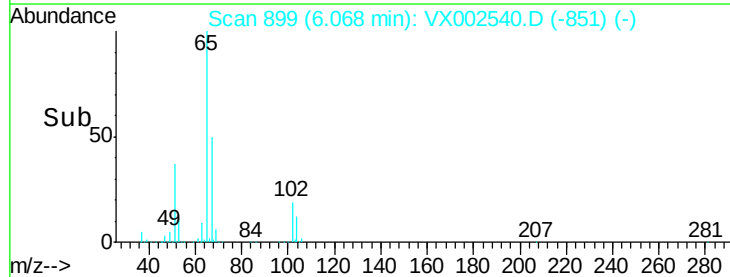
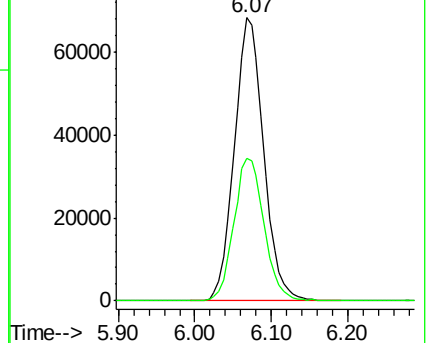
65 100

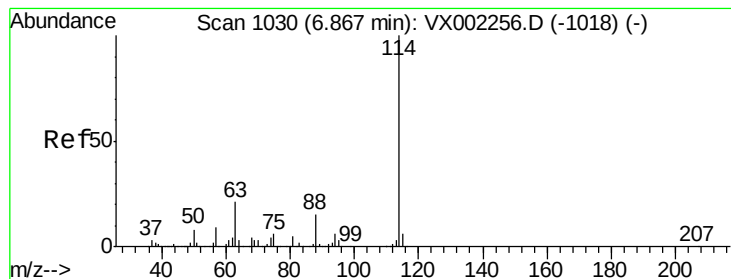
67 51.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002540.D

Acq: 14 Jun 2018 06:14

Instrument :

MSVOA\_X

ClientSampleId :

CAS1-SB-06-1-2ME

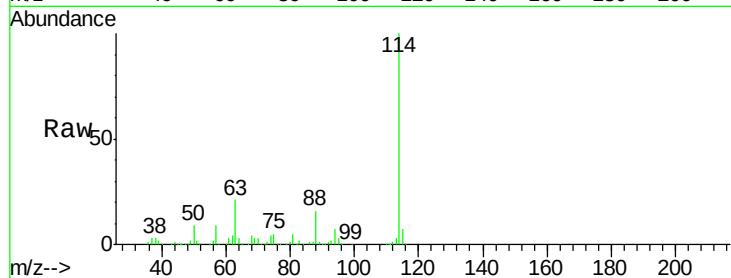
Tot Ion:114 Resp: 392361

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.4

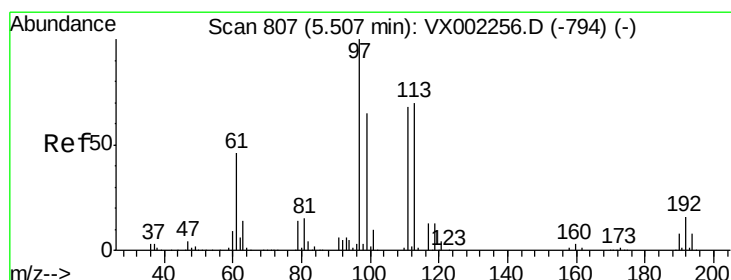
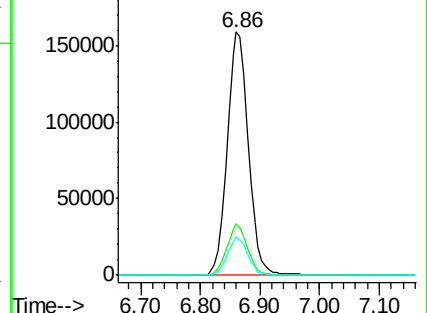
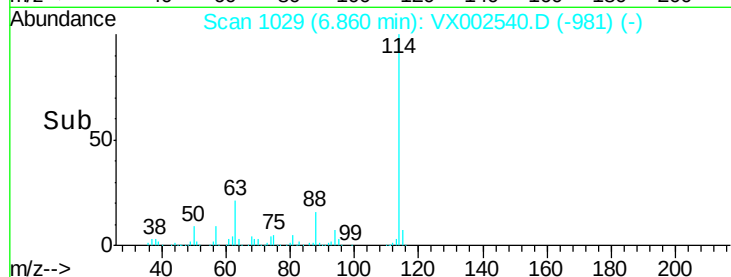
88 15.7 0.0 30.0



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: 42.236 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002540.D

Acq: 14 Jun 2018 06:14

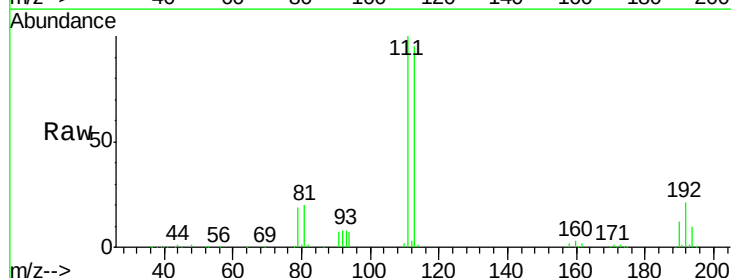
Tgt Ion:113 Resp: 130322

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

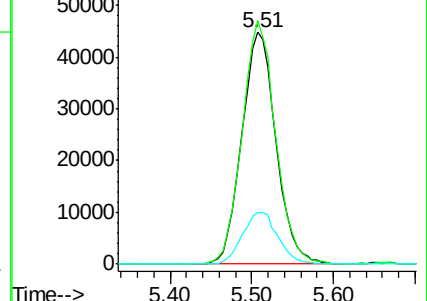
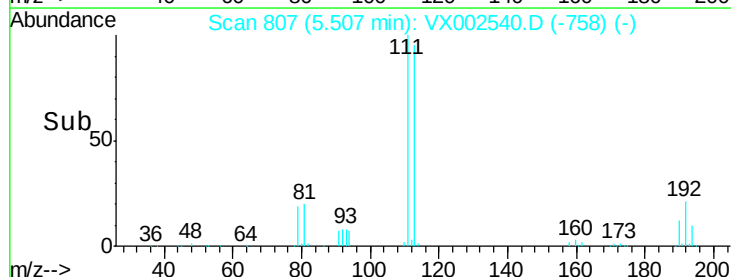
192 23.3 19.1 28.7

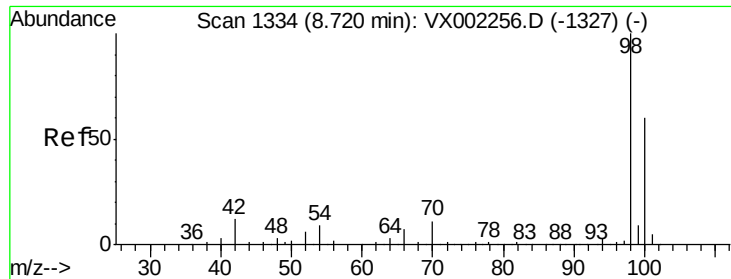


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.179 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002540.D

Acq: 14 Jun 2018 06:14

Instrument :

MSVOA\_X

ClientSampleId :

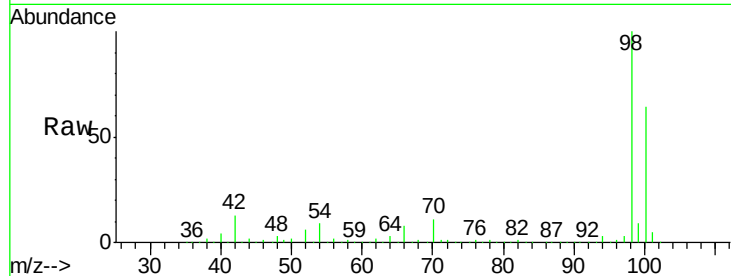
CAS1-SB-06-1-2ME

Tot Ion: 98 Resp: 557978

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

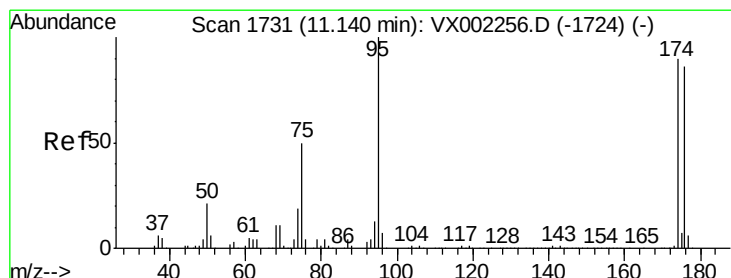
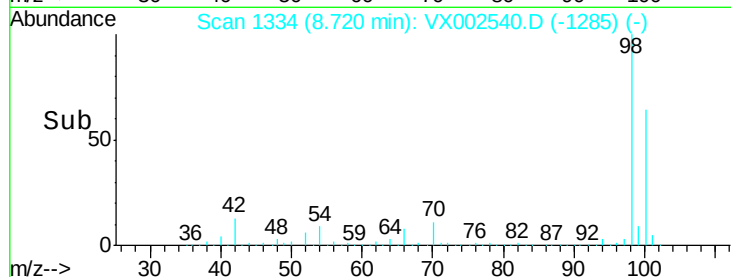
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.948 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002540.D

Acq: 14 Jun 2018 06:14

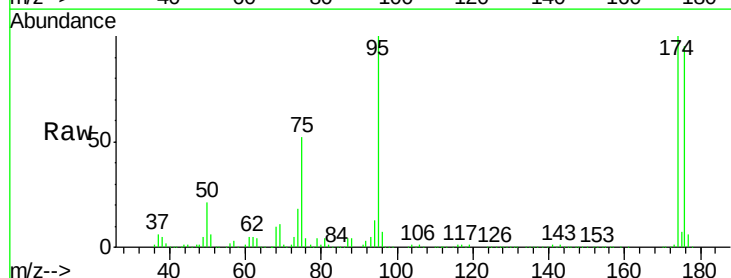
Tgt Ion: 95 Resp: 209548

Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.4

176 91.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

200000

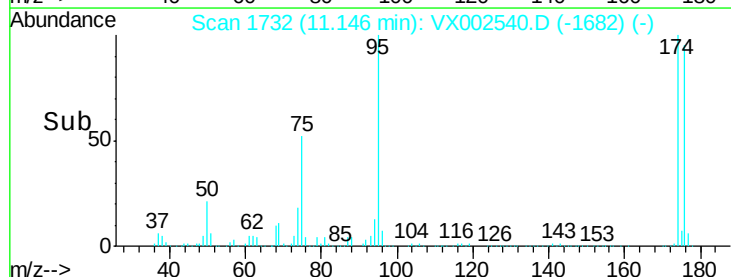
150000

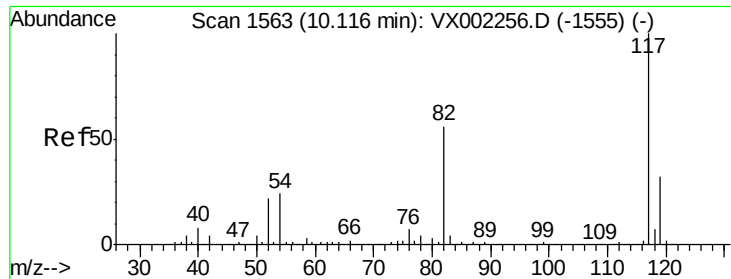
100000

50000

0

Time-->

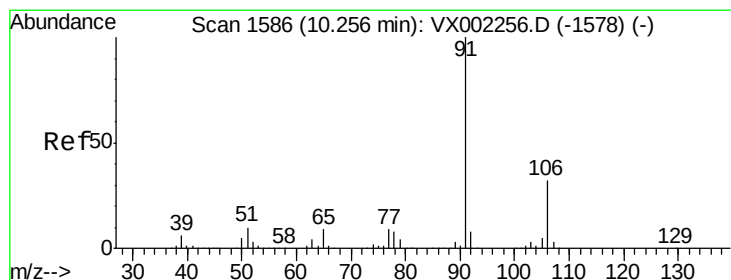
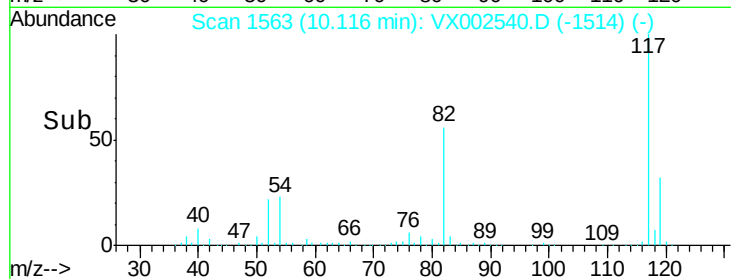
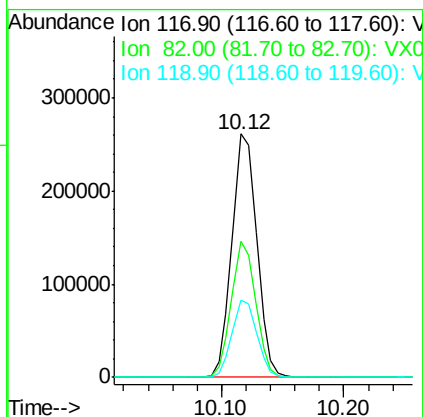
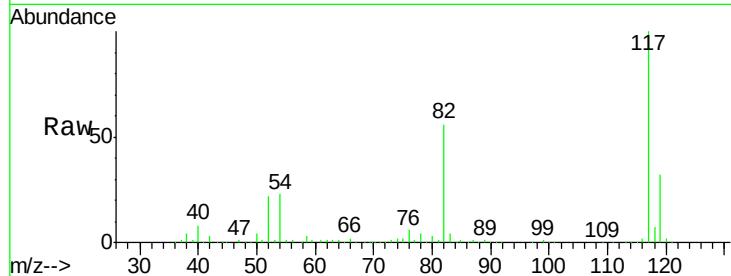




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX002540.D  
Acq: 14 Jun 2018 06:14

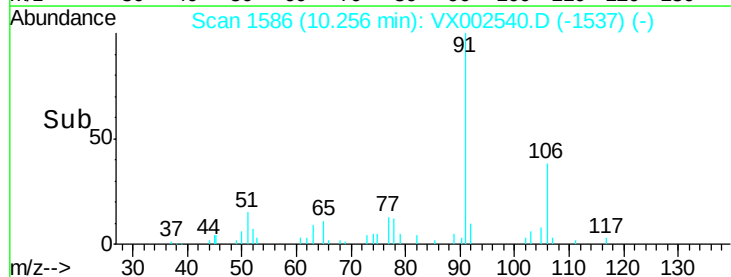
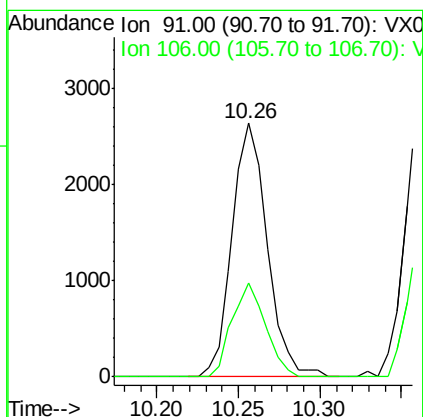
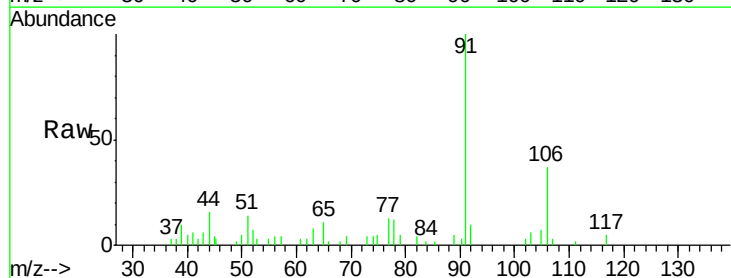
Instrument :  
MSVOA\_X  
ClientSampleId :  
CAS1-SB-06-1-2ME

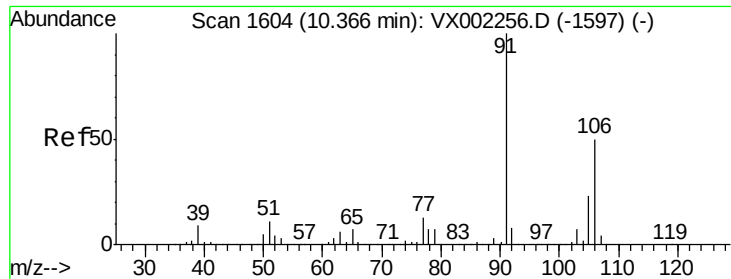
Tot Ion:117 Resp: 368388  
Ion Ratio Lower Upper  
117 100  
82 55.8 45.0 67.4  
119 32.0 25.8 38.6



#67  
Ethyl Benzene  
Concen: 0.259 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: VX002540.D  
Acq: 14 Jun 2018 06:14

Tgt Ion: 91 Resp: 3973  
Ion Ratio Lower Upper  
91 100  
106 37.1 25.5 38.3





#68

m/p-Xvlenes

Concen: 0.430 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002540.D

Acq: 14 Jun 2018 06:14

Instrument :

MSVOA\_X

ClientSampleId :

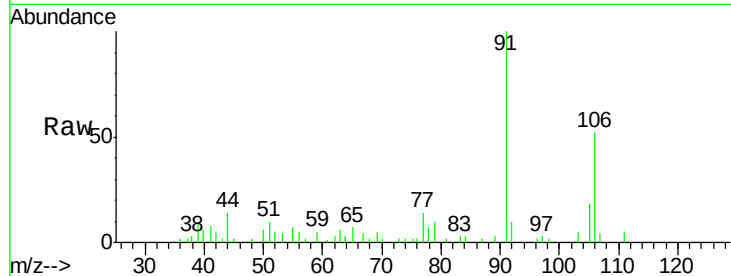
CAS1-SB-06-1-2ME

Tot Ion:106 Resp: 2567

Ion Ratio Lower Upper

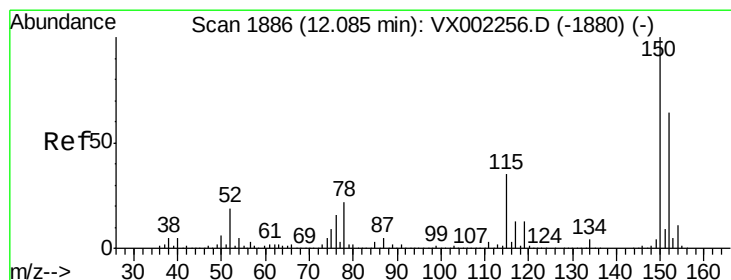
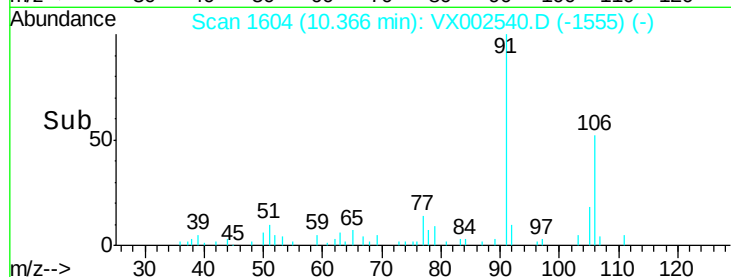
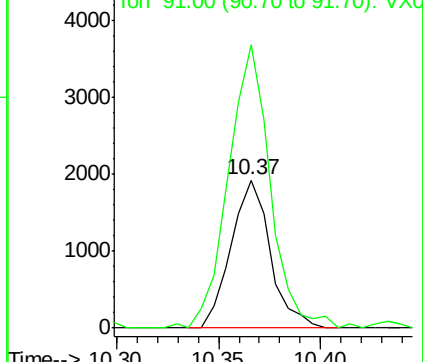
106 100

91 204.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002540.D

Acq: 14 Jun 2018 06:14

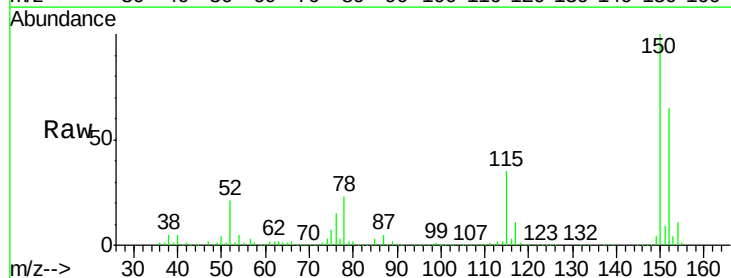
Tgt Ion:152 Resp: 224232

Ion Ratio Lower Upper

152 100

115 55.3 40.1 120.2

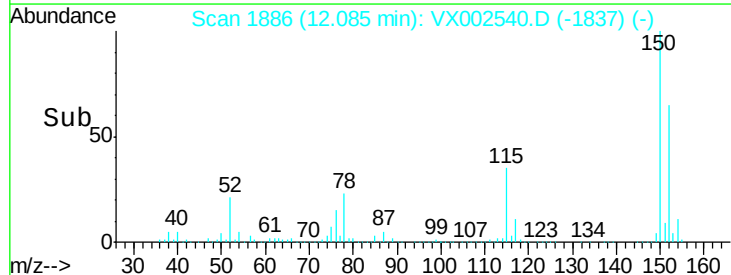
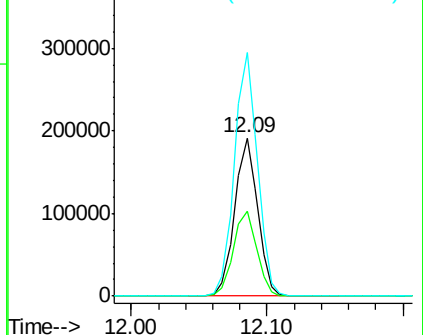
150 154.6 0.0 347.2

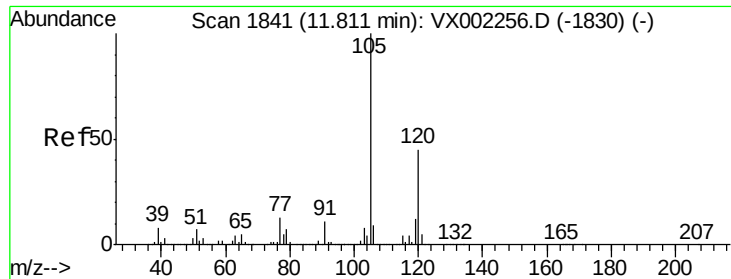


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.630 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX002540.D  
 Acq: 14 Jun 2018 06:14

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CAS1-SB-06-1-2ME

Tot Ion:105 Resp: 8683  
 Ion Ratio Lower Upper  
 105 100  
 120 46.0 22.3 66.8

