

Data File : VX000250.D  
 Acq On : 09 Mar 2018 12:40  
 Operator : JC/MD  
 Sample : VX0309WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0309WBL01

Quant Time: Mar 09 16:48:03 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X030718W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Mar 08 02:15:47 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 137243   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 225315   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 214911   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 115426   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 6.08   | 65  | 90177    | 47.40 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.80% |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 68496    | 48.40 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.80% |      |
| 50) Toluene-d8              | 8.73   | 98  | 275614   | 47.02 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.04% |      |
| 62) 4-Bromofluorobenzene    | 11.15  | 95  | 96662    | 42.25 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 84.50% |      |

| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

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

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Sample : VX0309WBL01

Misc : 5.0mL/MSVOA\_X/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA\_X

ClientSampleId :

VX0309WBL01

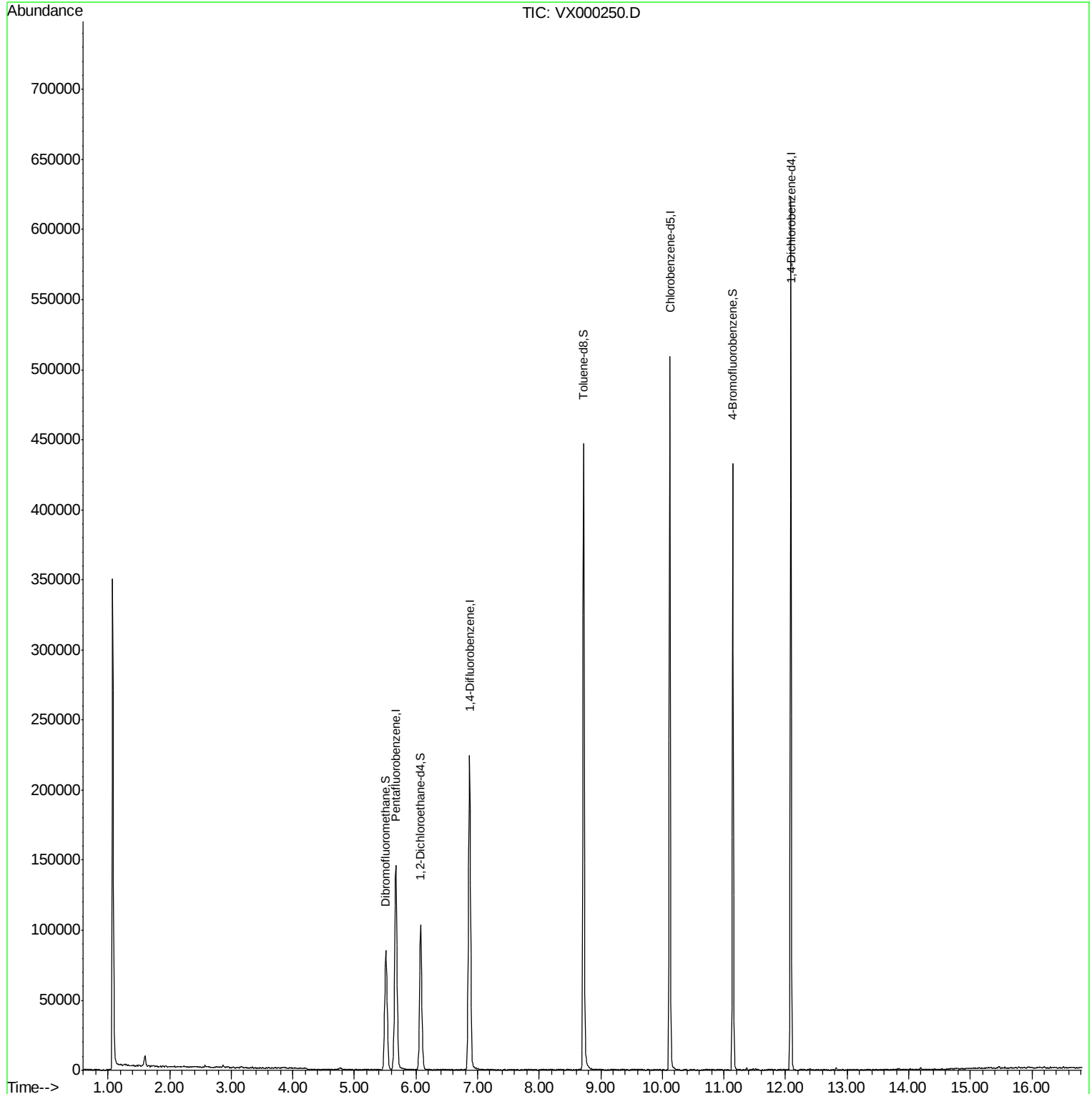
Quant Time: Mar 09 16:48:03 2018

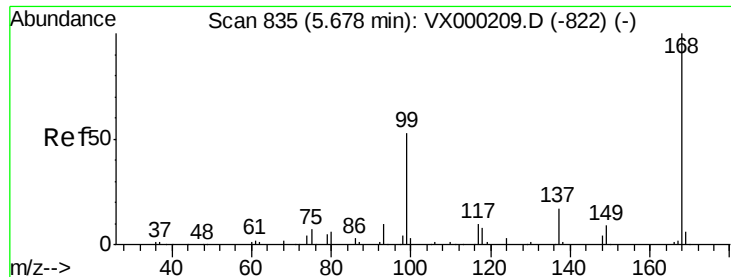
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X030718W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 08 02:15:47 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

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Instrument :

MSVOA\_X

ClientSampleId :

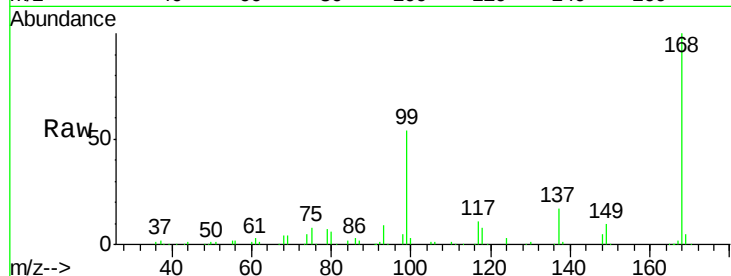
VX0309WBL01

Tgt Ion:168 Resp: 137243

Ion Ratio Lower Upper

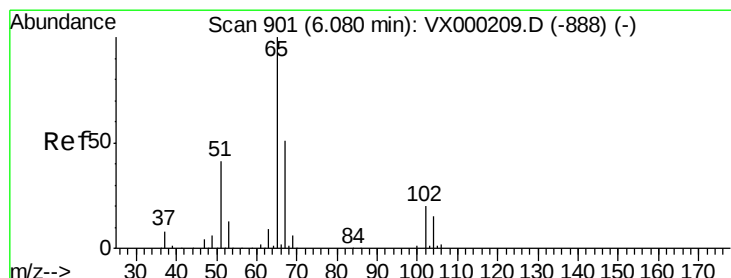
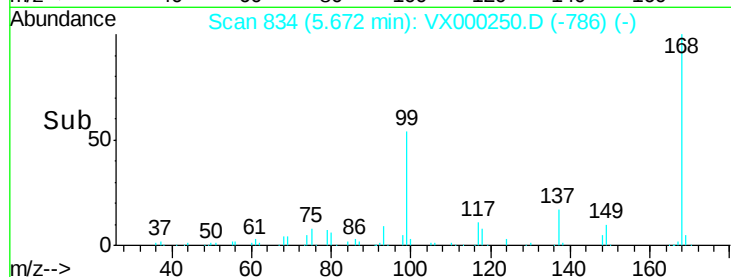
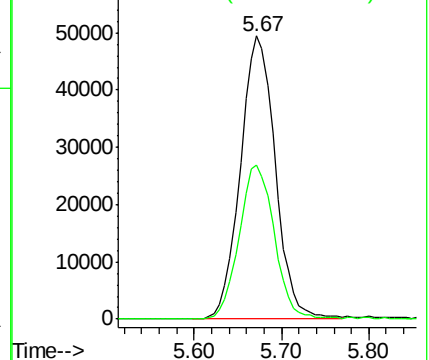
168 100

99 54.3 42.8 64.2



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: 47.40 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000250.D

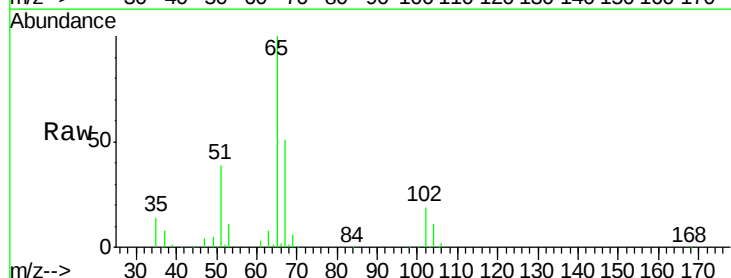
Acq: 09 Mar 2018 12:40

Tgt Ion: 65 Resp: 90177

Ion Ratio Lower Upper

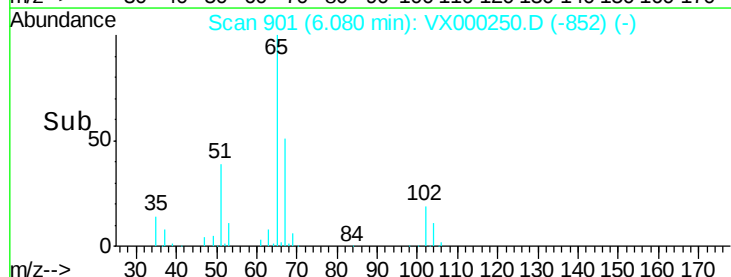
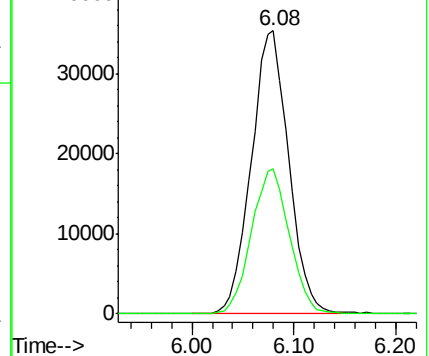
65 100

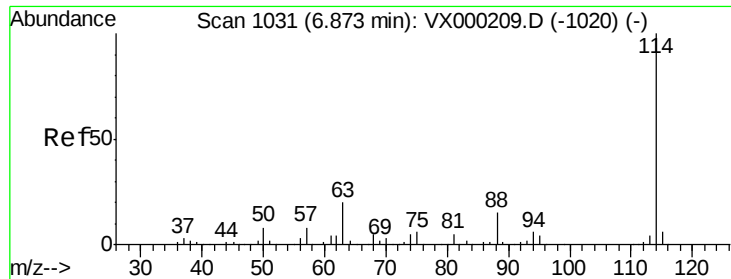
67 52.1 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

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Acq: 09 Mar 2018 12:40

Instrument :

MSVOA\_X

ClientSampleId :

VX0309WBL01

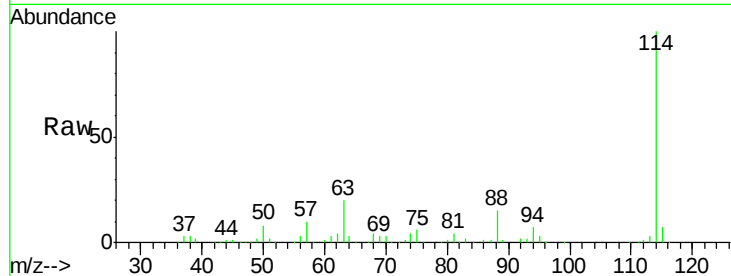
Tgt Ion:114 Resp: 225315

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

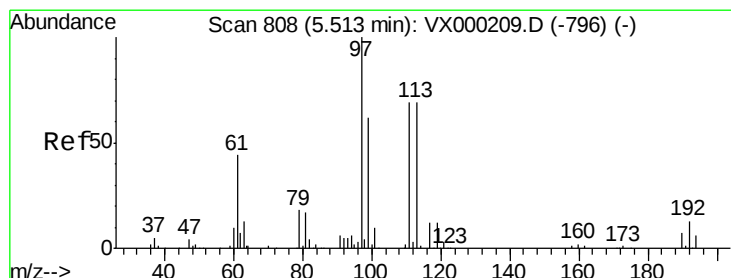
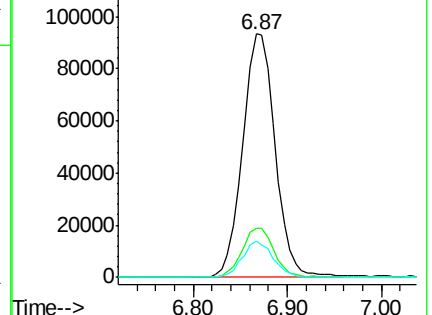
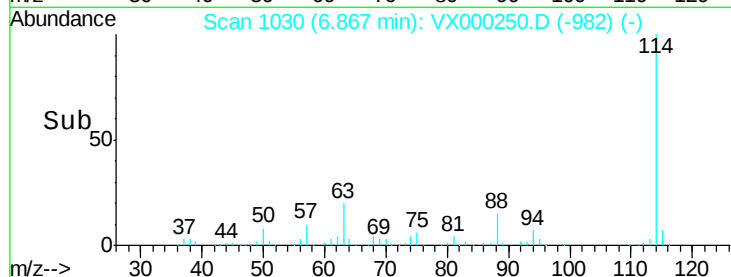
88 15.0 0.0 29.8



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: 48.40 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000250.D

Acq: 09 Mar 2018 12:40

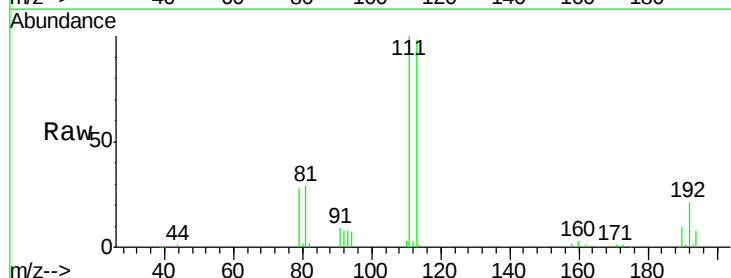
Tgt Ion:113 Resp: 68496

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

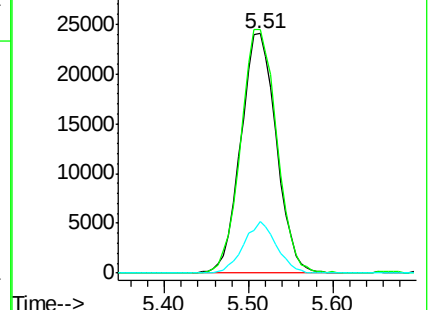
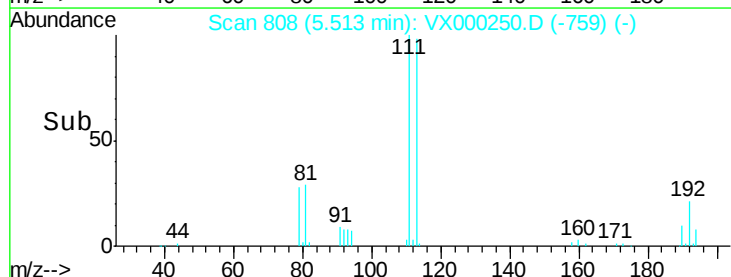
192 19.7 15.5 23.3

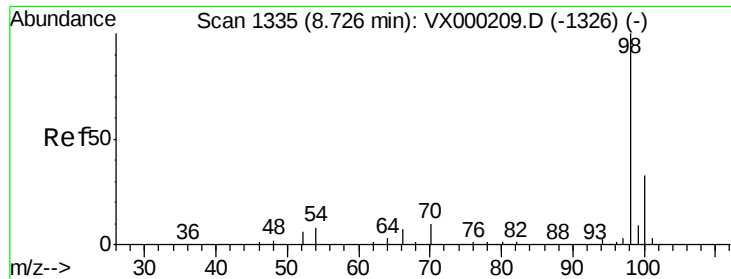


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

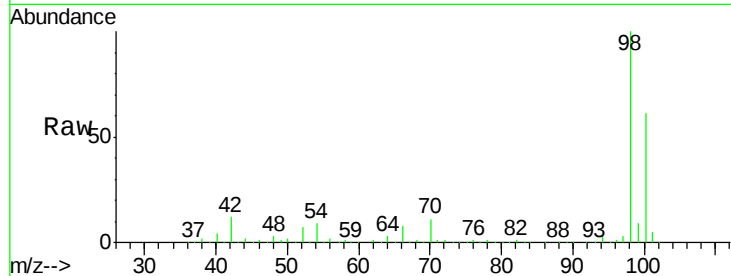




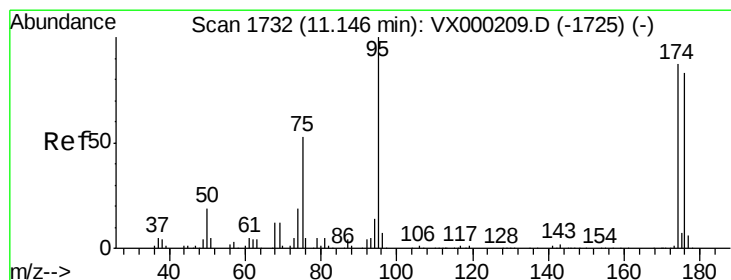
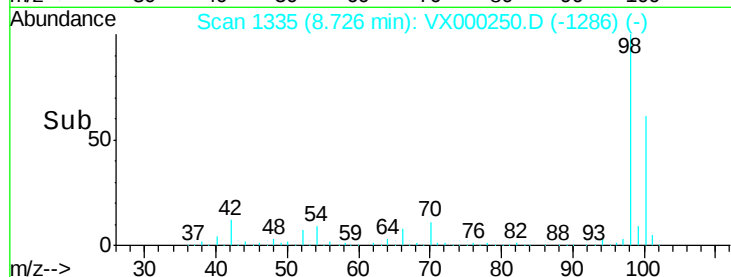
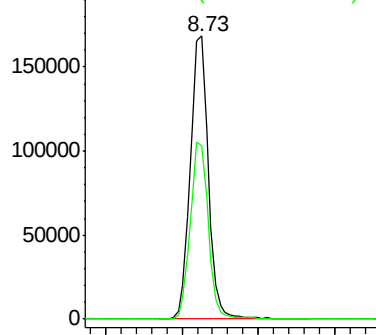
#50  
Toluene-d8  
Concen: 47.02 ug/l  
RT: 8.73 min Scan# 1335  
Delta R.T. 0.00 min  
Lab File: VX000250.D  
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MSVOA\_X  
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VX0309WBL01

Tgt Ion: 98 Resp: 275614  
Ion Ratio Lower Upper  
98 100  
100 63.0 51.2 76.8

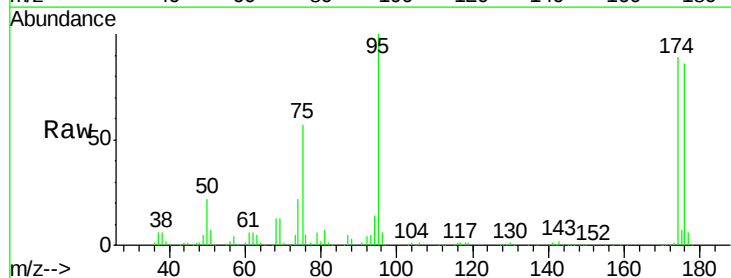


Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): V

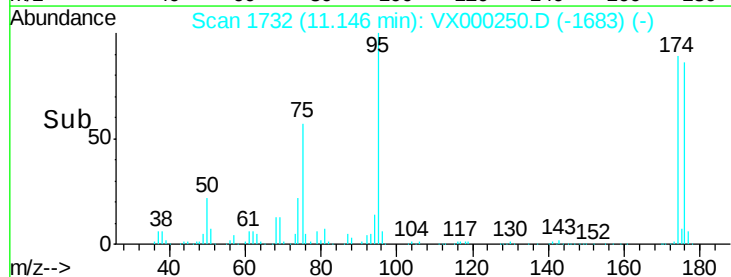
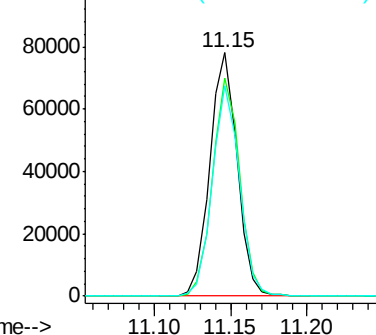


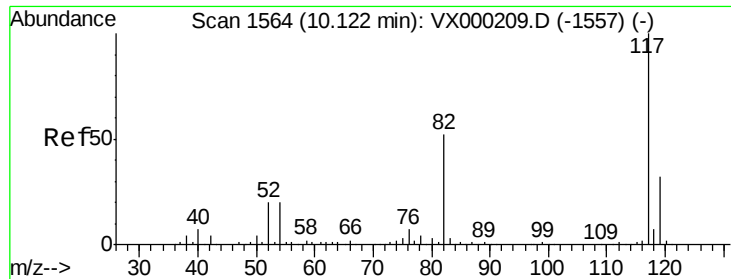
#62  
4-Bromofluorobenzene  
Concen: 42.25 ug/l  
RT: 11.15 min Scan# 1732  
Delta R.T. 0.00 min  
Lab File: VX000250.D  
Acq: 09 Mar 2018 12:40

Tgt Ion: 95 Resp: 96662  
Ion Ratio Lower Upper  
95 100  
174 89.2 0.0 175.6  
176 85.7 0.0 171.0



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

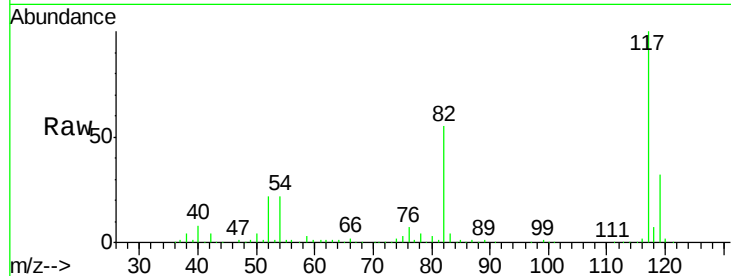




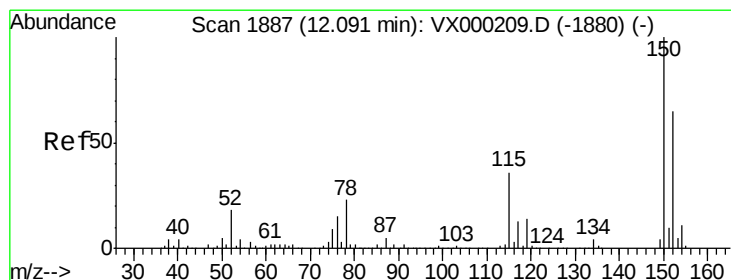
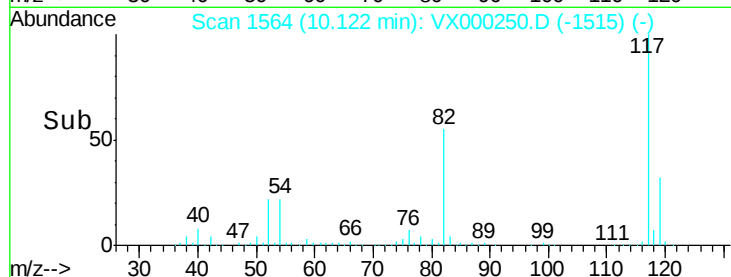
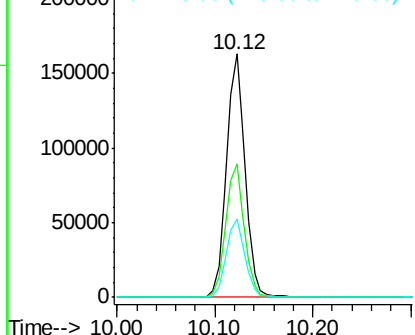
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. 0.00 min  
Lab File: VX000250.D  
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Tgt Ion:117 Resp: 214911  
Ion Ratio Lower Upper  
117 100  
82 54.6 42.0 63.0  
119 32.2 25.3 37.9

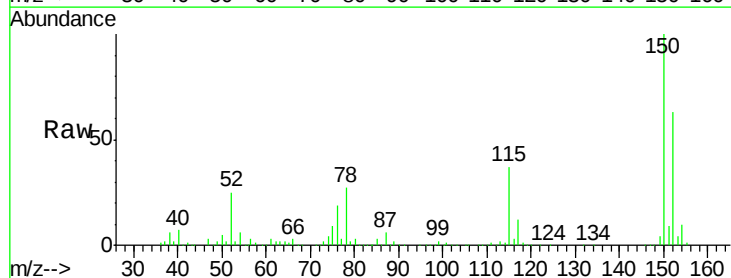


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. -0.01 min  
Lab File: VX000250.D  
Acq: 09 Mar 2018 12:40

Tgt Ion:152 Resp: 115426  
Ion Ratio Lower Upper  
152 100  
115 58.3 39.8 119.3  
150 158.3 0.0 345.0



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

