

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX101518\  
 Data File : VX005350.D  
 Acq On : 15 Oct 2018 18:08  
 Operator : JC/MD  
 Sample : PB113825ZHE#06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB113825ZHE#06

Quant Time: Oct 16 05:17:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 12 11:28:43 2018  
 Response via : Initial Calibration

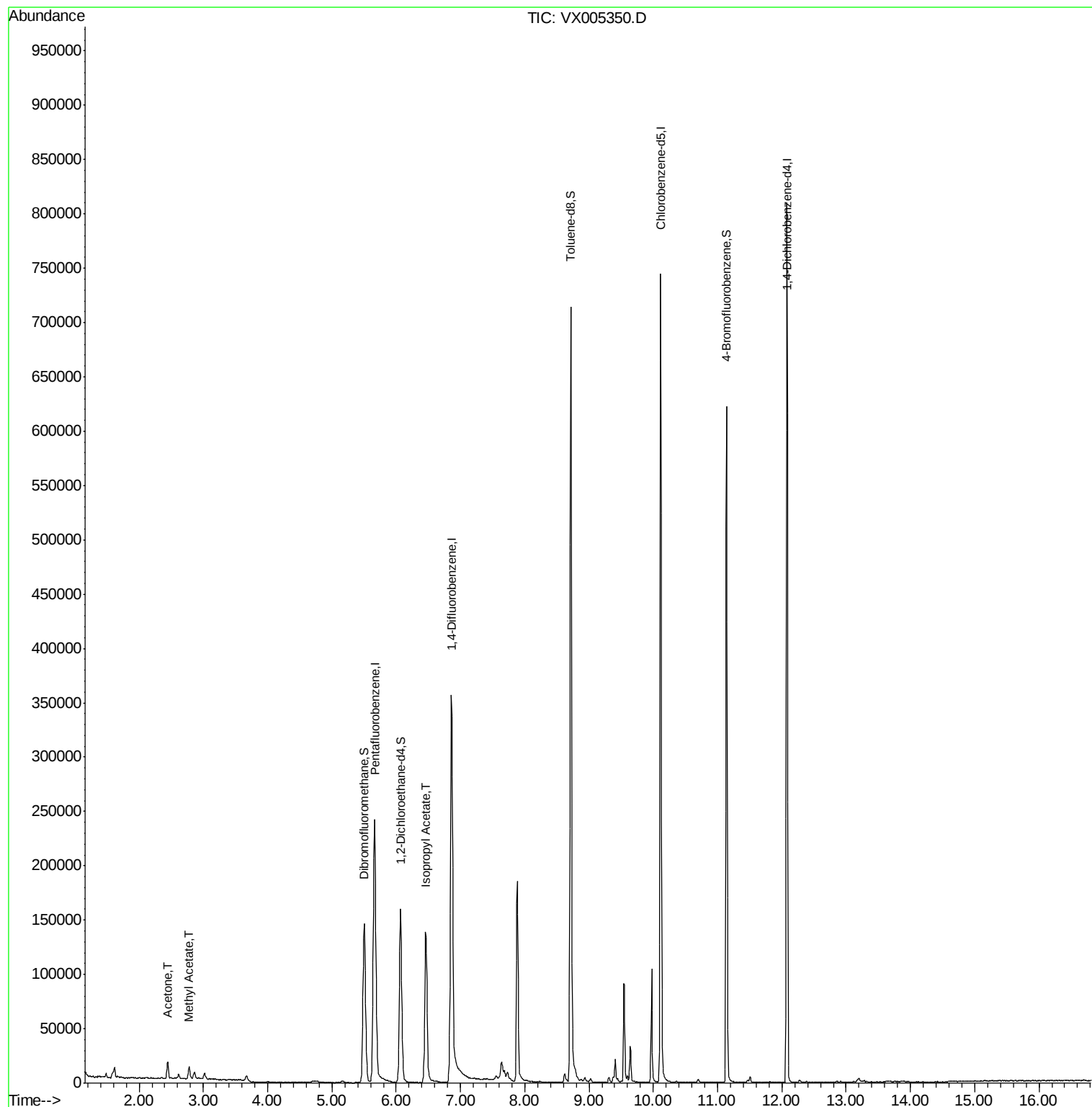
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)   |
|-----------------------------|-------|------|----------|-------|---------|------------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 254921   | 50.00 | ug/l    | 0.00       |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 384049   | 50.00 | ug/l    | 0.00       |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 356289   | 50.00 | ug/l    | 0.00       |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 169750   | 50.00 | ug/l    | 0.00       |
| System Monitoring Compounds |       |      |          |       |         |            |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 154555   | 54.63 | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =     | 109.26% |            |
| 35) Dibromofluoromethane    | 5.50  | 113  | 123864   | 48.70 | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.40%  |            |
| 50) Toluene-d8              | 8.71  | 98   | 463913   | 53.12 | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.24% |            |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 151783   | 46.27 | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.54%  |            |
| Target Compounds            |       |      |          |       |         |            |
| 16) Acetone                 | 2.45  | 43   | 16347    | 9.99  | ug/l    | Qvalue 100 |
| 18) Methyl Acetate          | 2.78  | 43   | 14115    | 3.03  | ug/l    | 93         |
| 43) Isopropyl Acetate       | 6.46  | 43   | 183044   | 28.73 | ug/l    | 96         |

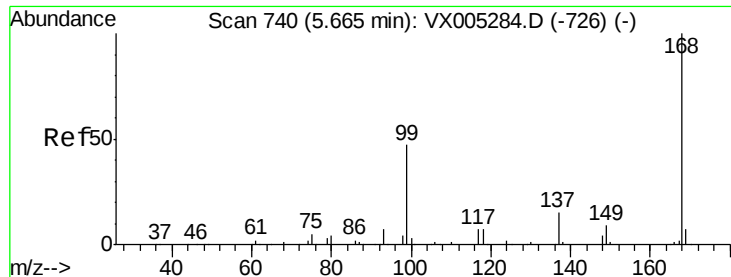
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX101518\  
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Quant Title : SW846 8260  
QLast Update : Fri Oct 12 11:28:43 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005350.D

Acq: 15 Oct 2018 18:08

Instrument :

MSVOA\_X

ClientSampleId :

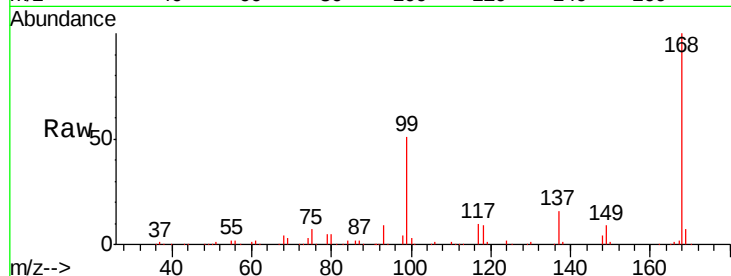
PB113825ZHE#06

Tgt Ion:168 Resp: 254921

Ion Ratio Lower Upper

168 100

99 50.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

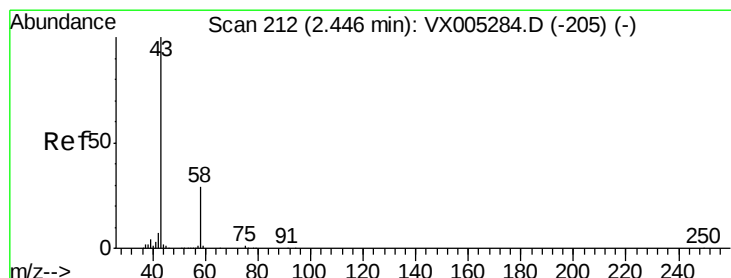
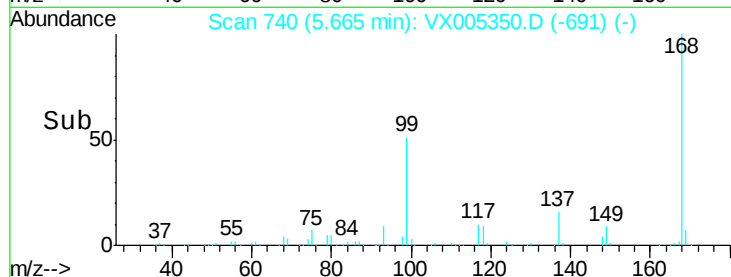
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.99 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005350.D

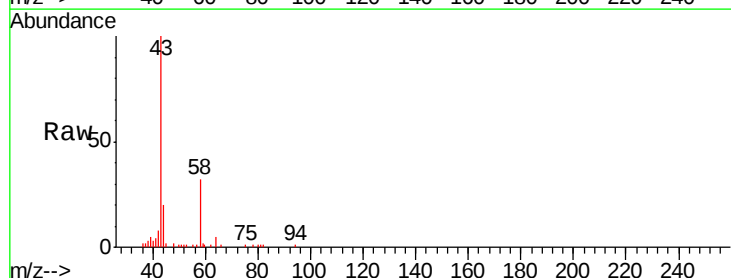
Acq: 15 Oct 2018 18:08

Tgt Ion: 43 Resp: 16347

Ion Ratio Lower Upper

43 100

58 32.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

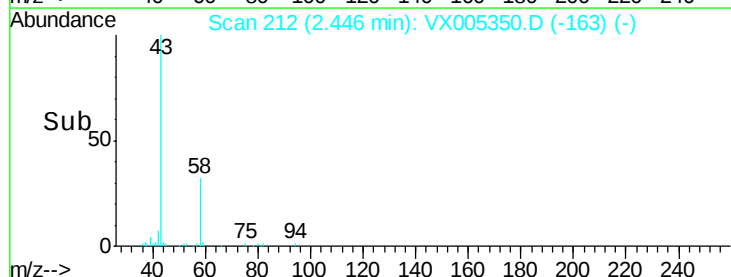
6000

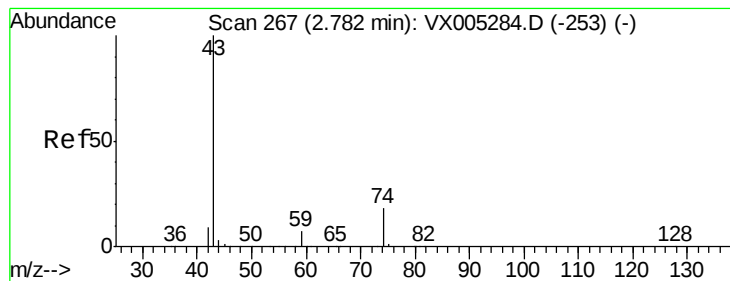
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#18

Methyl Acetate

Concen: 3.03 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005350.D

Acq: 15 Oct 2018 18:08

Instrument :

MSVOA\_X

ClientSampleId :

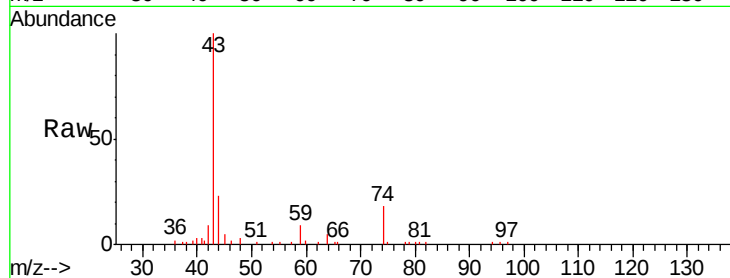
PB113825ZHE#06

Tgt Ion: 43 Resp: 14115

Ion Ratio Lower Upper

43 100

74 20.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

8000

6000

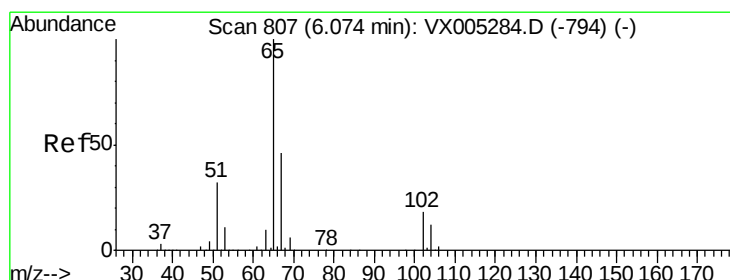
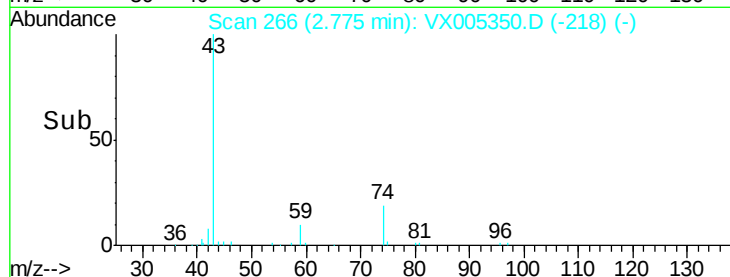
4000

2000

0

Time-->

2.70 2.80 2.90



#33

1,2-Dichloroethane-d4

Concen: 54.63 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005350.D

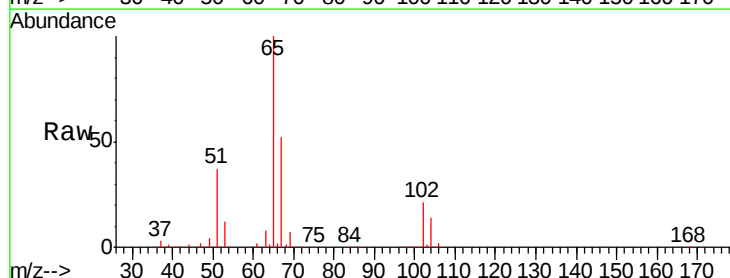
Acq: 15 Oct 2018 18:08

Tgt Ion: 65 Resp: 154555

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

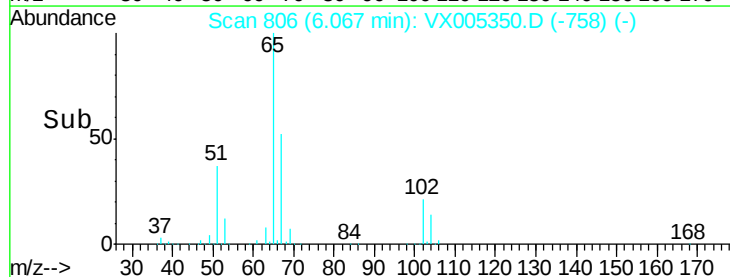
40000

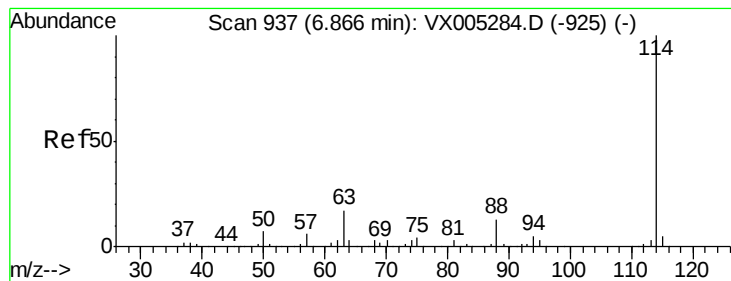
20000

0

Time-->

5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005350.D

Acq: 15 Oct 2018 18:08

Instrument :

MSVOA\_X

ClientSampleId :

PB113825ZHE#06

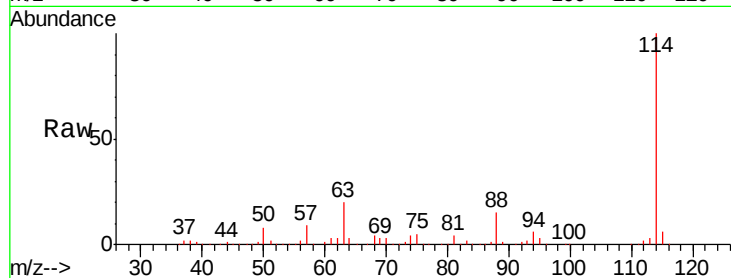
Tgt Ion:114 Resp: 384049

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

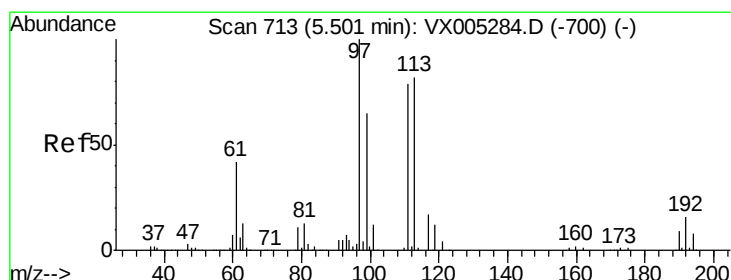
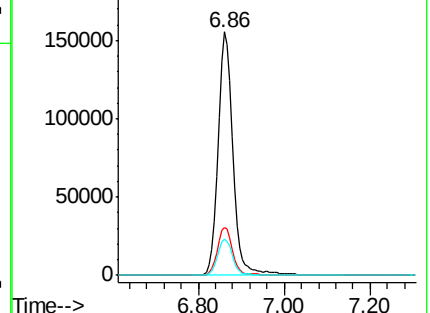
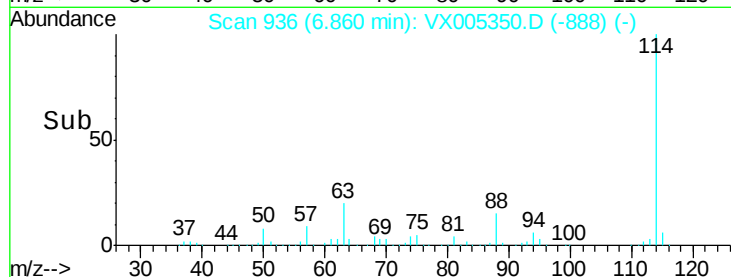
88 14.8 0.0 30.4



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: 48.70 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005350.D

Acq: 15 Oct 2018 18:08

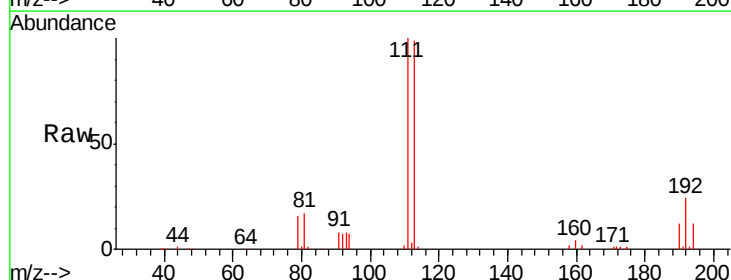
Tgt Ion:113 Resp: 123864

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

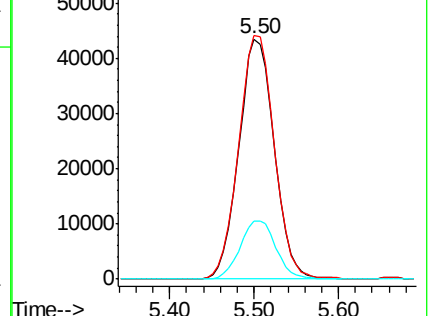
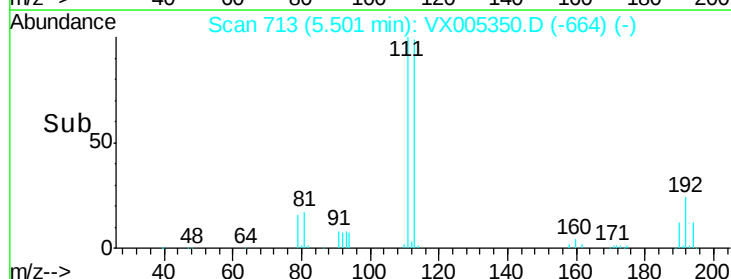
192 24.5 19.4 29.2

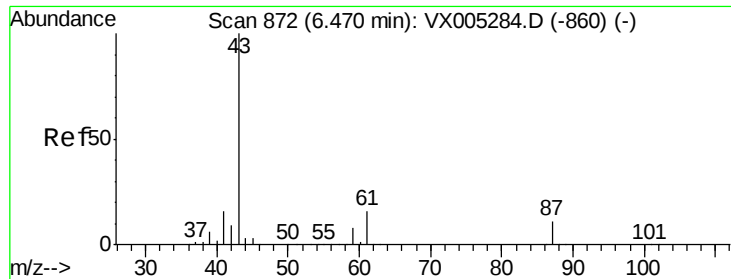


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 28.73 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005350.D

Acq: 15 Oct 2018 18:08

Instrument :

MSVOA\_X

ClientSampleId :

PB113825ZHE#06

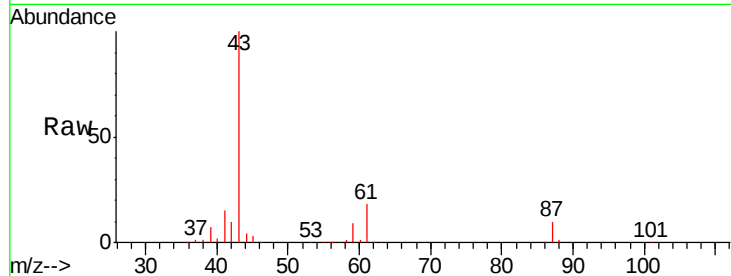
Tgt Ion: 43 Resp: 183044

Ion Ratio Lower Upper

43 100

61 19.6 17.0 25.4

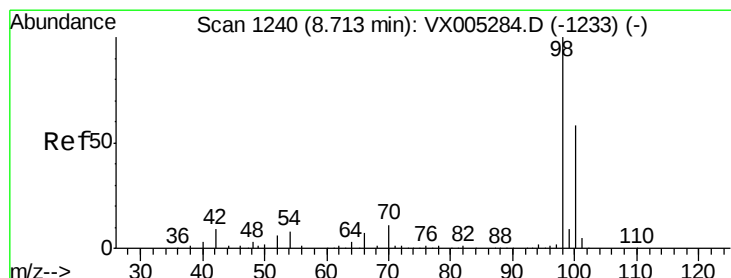
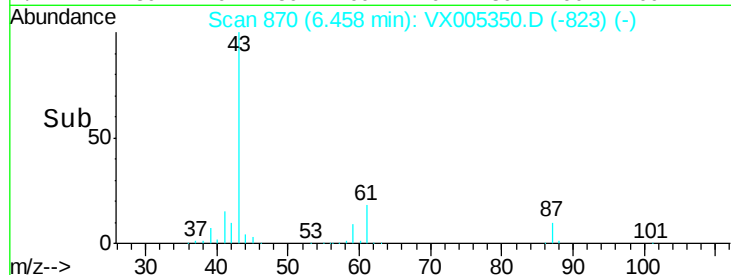
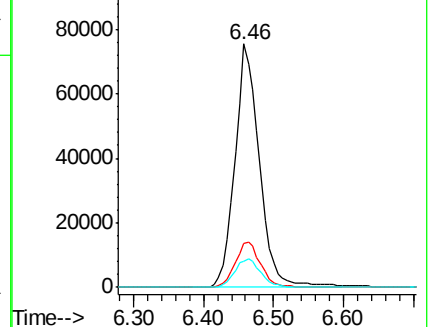
87 12.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 53.12 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005350.D

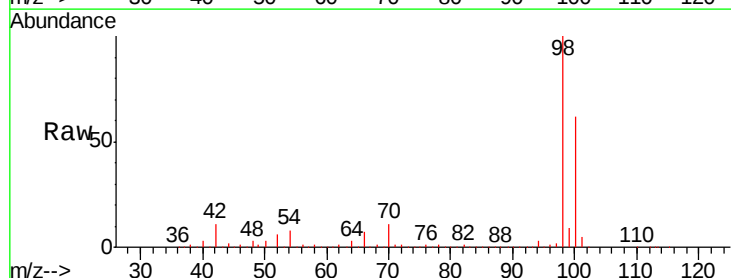
Acq: 15 Oct 2018 18:08

Tgt Ion: 98 Resp: 463913

Ion Ratio Lower Upper

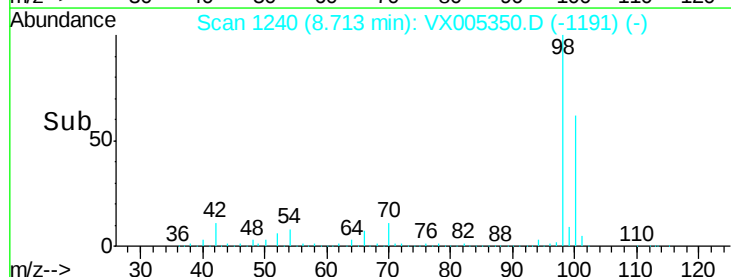
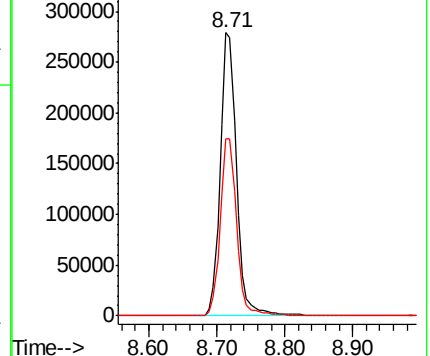
98 100

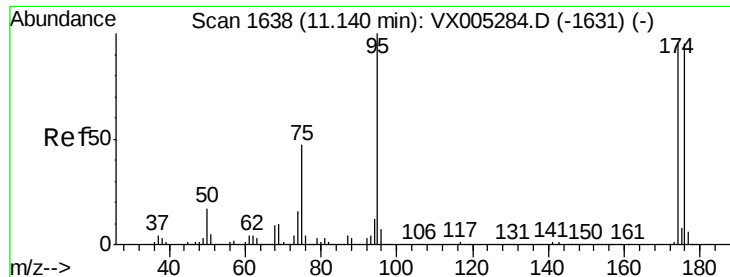
100 63.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.27 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005350.D

Acq: 15 Oct 2018 18:08

Instrument :

MSVOA\_X

ClientSampleId :

PB113825ZHE#06

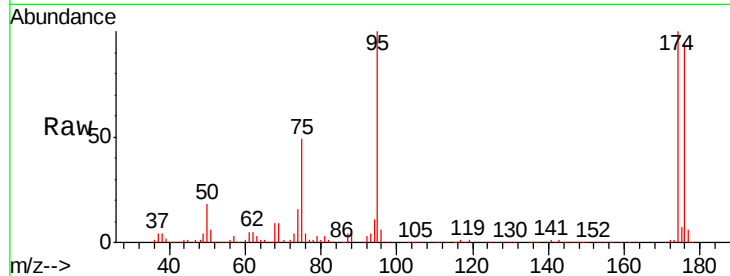
Tgt Ion: 95 Resp: 151783

Ion Ratio Lower Upper

95 100

174 97.6 0.0 185.2

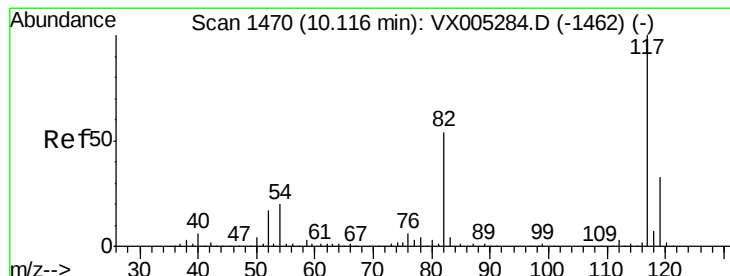
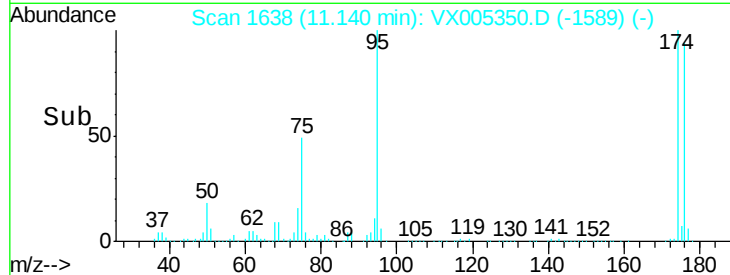
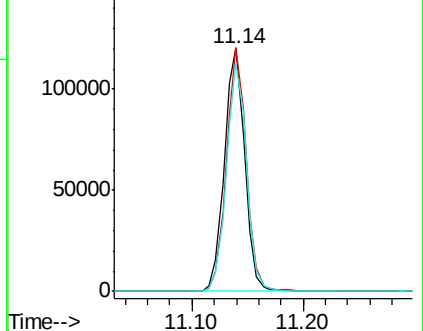
176 92.3 0.0 178.6



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# 1470

Delta R.T. -0.00 min

Lab File: VX005350.D

Acq: 15 Oct 2018 18:08

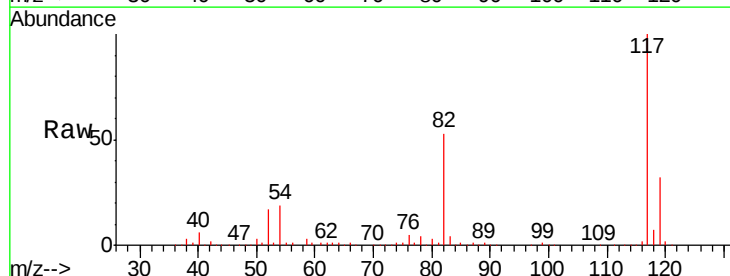
Tgt Ion: 117 Resp: 356289

Ion Ratio Lower Upper

117 100

82 53.3 47.8 71.6

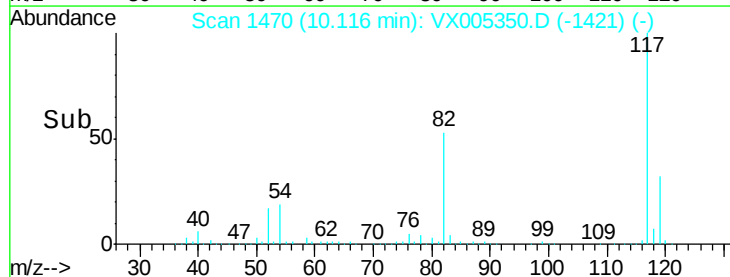
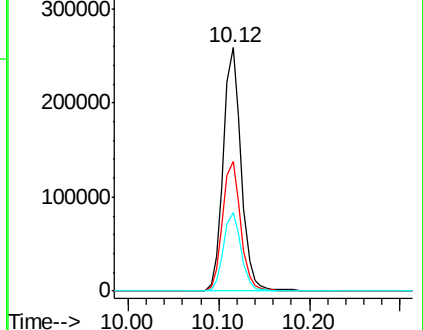
119 32.2 29.3 43.9

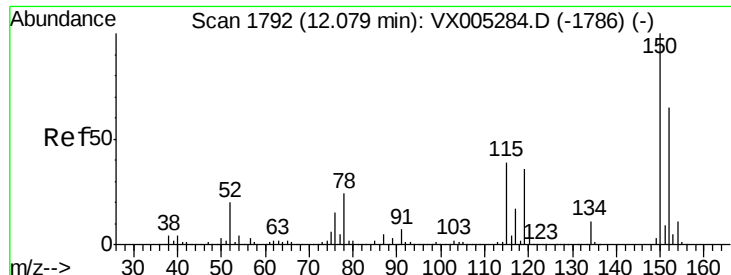


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005350.D

Acq: 15 Oct 2018 18:08

Instrument :

MSVOA\_X

ClientSampleId :

PB113825ZHE#06

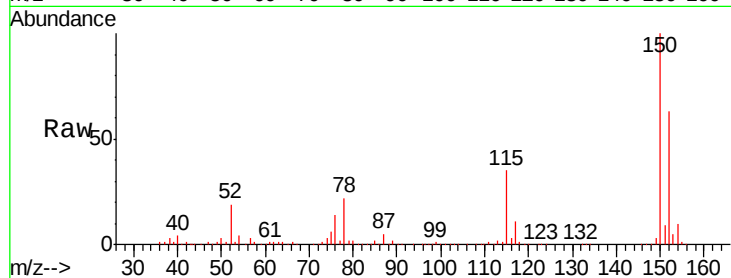
Tgt Ion:152 Resp: 169750

Ion Ratio Lower Upper

152 100

115 54.8 39.0 117.0

150 157.5 0.0 351.0



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

