

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\  
 Data File : VX001349.D  
 Acq On : 03 May 2018 06:33  
 Operator : JC/MD  
 Sample : PB108794ZHE#08  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB108794ZHE#08

Quant Time: May 03 08:28:56 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 02 01:48:25 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 152176   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 207687   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 187046   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 104151   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.08  | 65   | 96234    | 45.68 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 91.36% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 79125    | 44.22 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 88.44% |          |
| 50) Toluene-d8              | 8.72  | 98   | 292794   | 45.80 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 91.60% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 94254    | 36.87 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 73.74% |          |

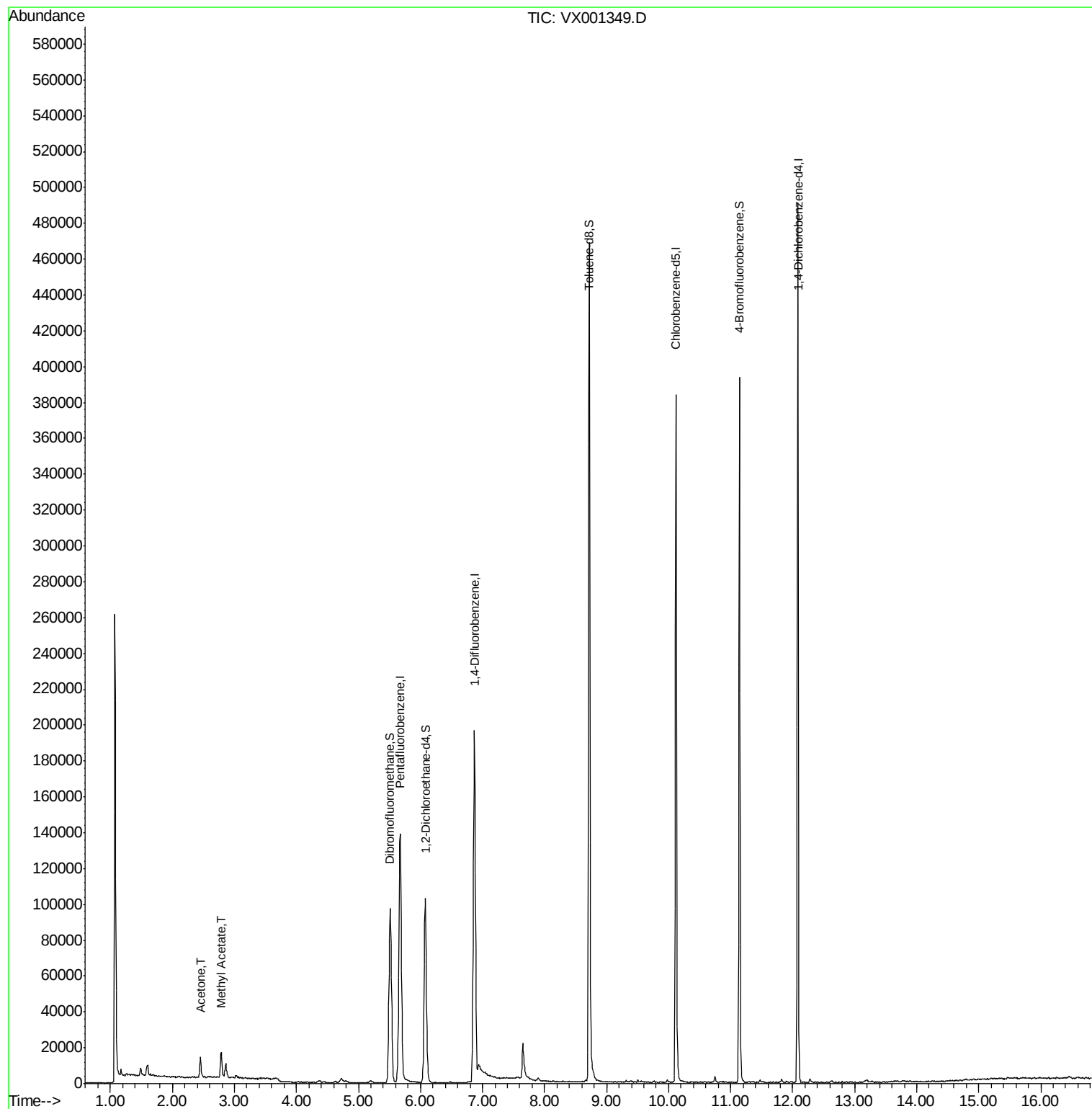
| Target Compounds   | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------|------|------|----------|-------|-------|--------|
| 16) Acetone        | 2.45 | 43   | 11898    | 13.23 | ug/l  | 94     |
| 18) Methyl Acetate | 2.79 | 43   | 17024    | 8.02  | ug/l  | 95     |

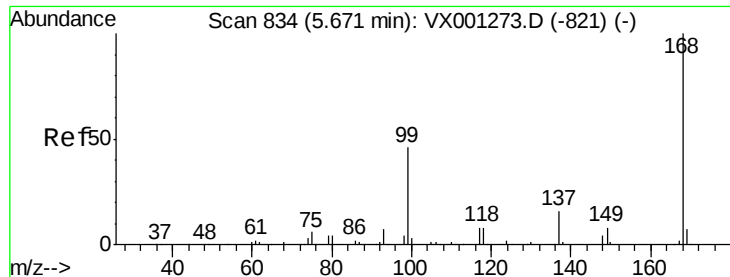
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 02 01:48:25 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001349.D

Acq: 03 May 2018 06:33

Instrument :

MSVOA\_X

ClientSampleId :

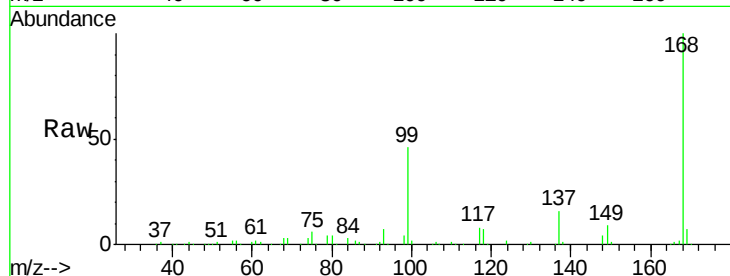
PB108794ZHE#08

Tot Ion:168 Resp: 152176

Ion Ratio Lower Upper

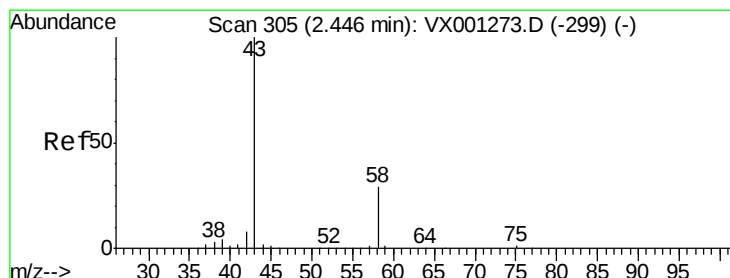
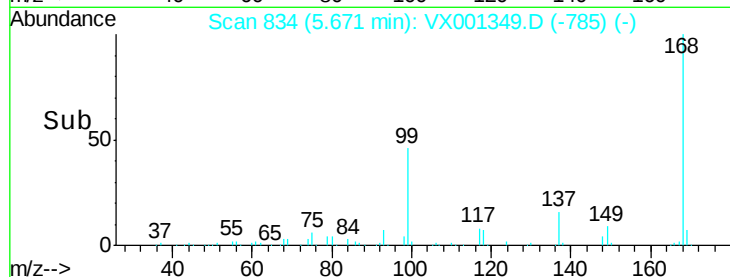
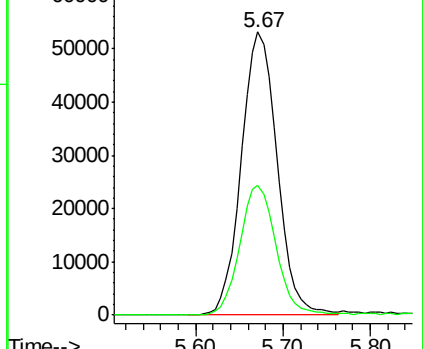
168 100

99 45.7 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 13.23 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001349.D

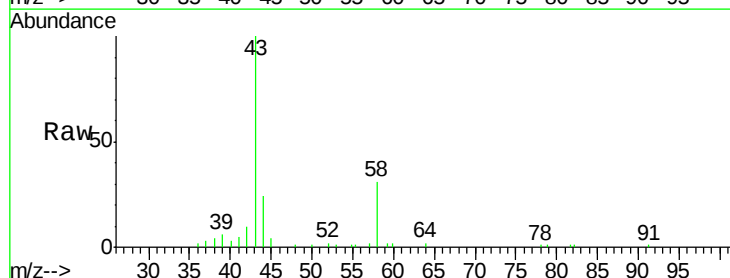
Acq: 03 May 2018 06:33

Tgt Ion: 43 Resp: 11898

Ion Ratio Lower Upper

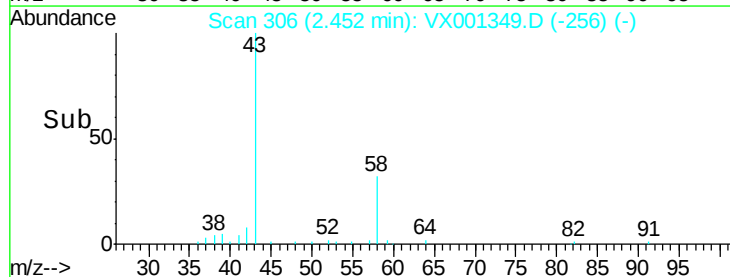
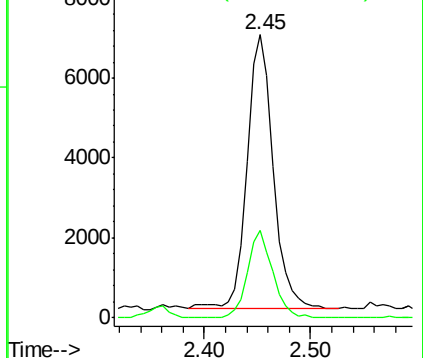
43 100

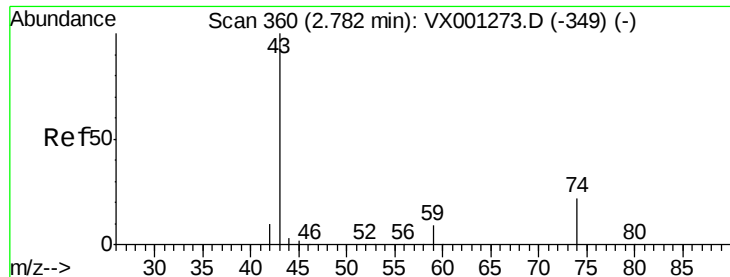
58 31.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

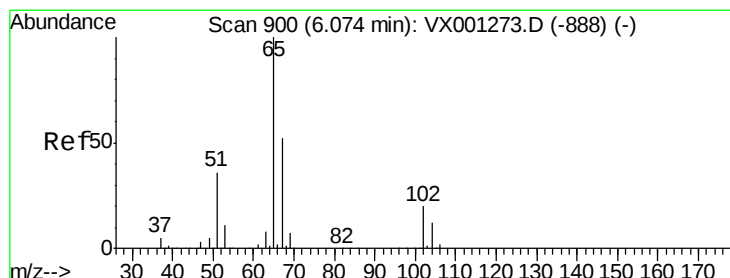
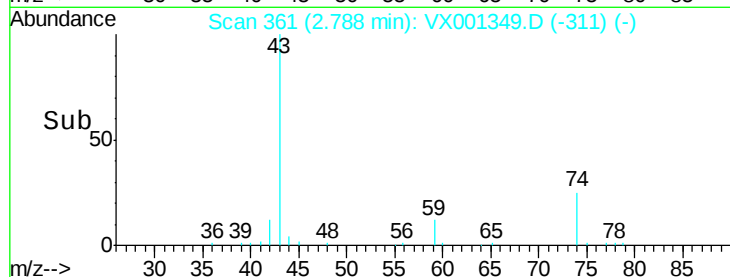
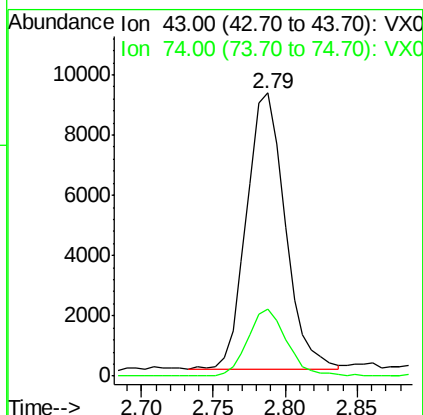
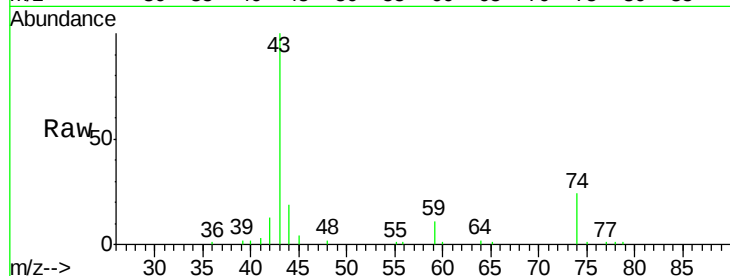




#18  
Methvl Acetate  
Concen: 8.02 ug/l  
RT: 2.79 min Scan# 361  
Delta R.T. 0.01 min  
Lab File: VX001349.D  
Acq: 03 May 2018 06:33

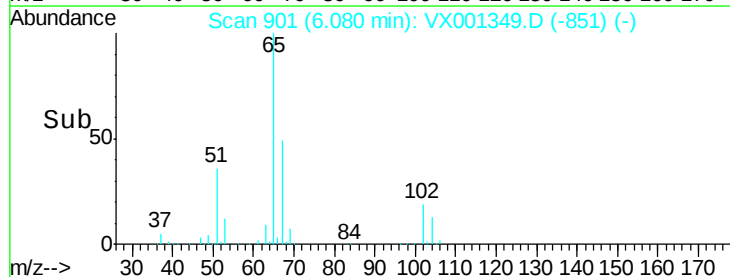
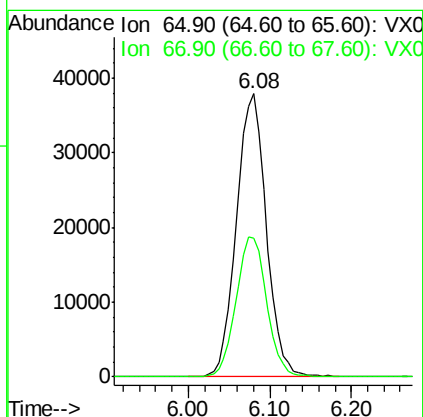
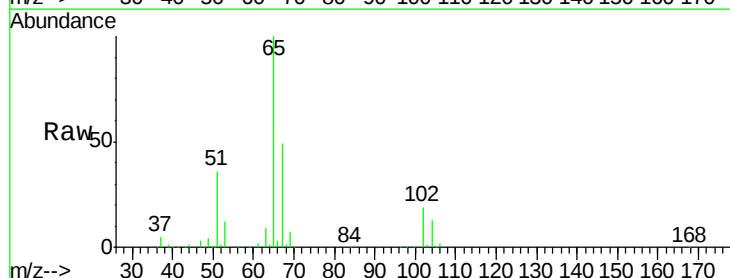
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB108794ZHE#08

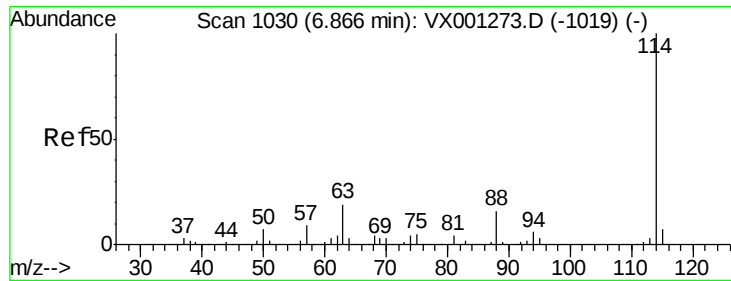
Tot Ion: 43 Resp: 17024  
Ion Ratio Lower Upper  
43 100  
74 24.6 17.8 26.6



#33  
1,2-Dichloroethane-d4  
Concen: 45.68 ug/l  
RT: 6.08 min Scan# 901  
Delta R.T. 0.01 min  
Lab File: VX001349.D  
Acq: 03 May 2018 06:33

Tgt Ion: 65 Resp: 96234  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001349.D

Acq: 03 May 2018 06:33

Instrument :

MSVOA\_X

ClientSampleId :

PB108794ZHE#08

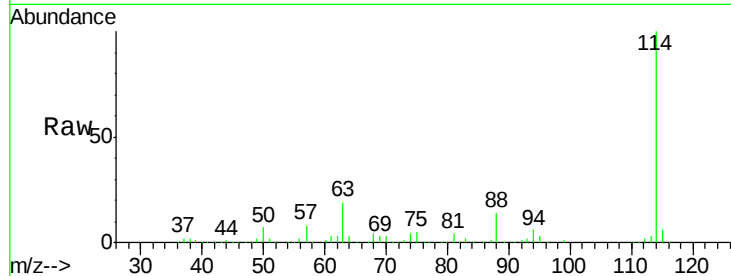
Tot Ion:114 Resp: 207687

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.8

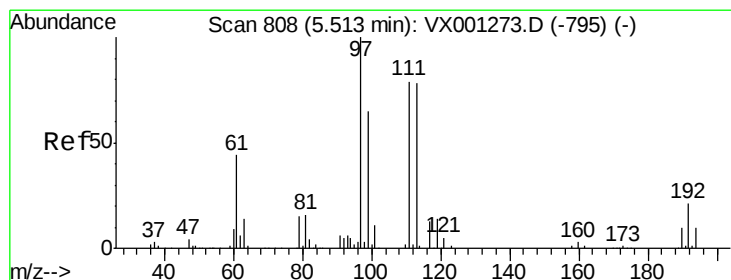
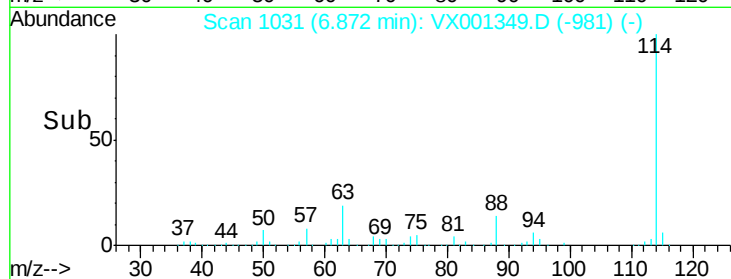
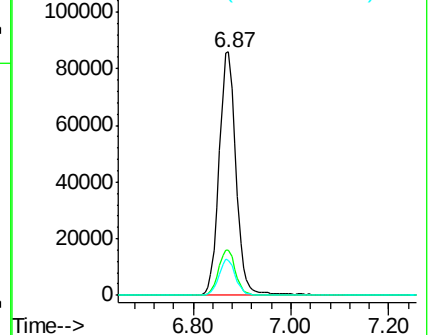
88 14.4 0.0 32.2



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: 44.22 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001349.D

Acq: 03 May 2018 06:33

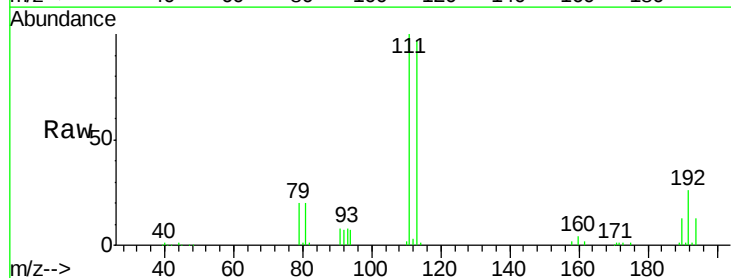
Tgt Ion:113 Resp: 79125

Ion Ratio Lower Upper

113 100

111 100.5 81.2 121.8

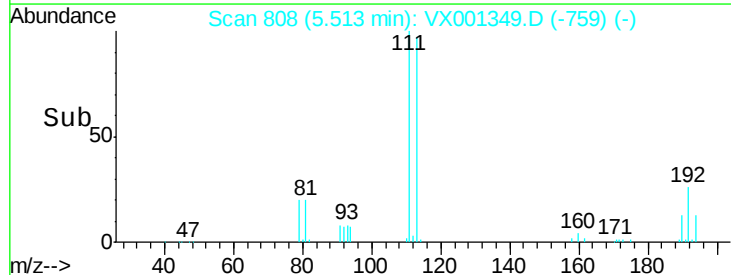
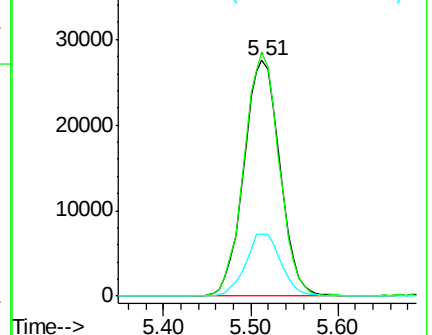
192 25.9 20.7 31.1

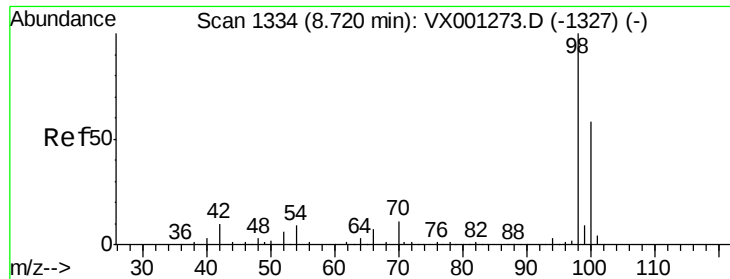


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.80 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001349.D

Acq: 03 May 2018 06:33

Instrument :

MSVOA\_X

ClientSampleId :

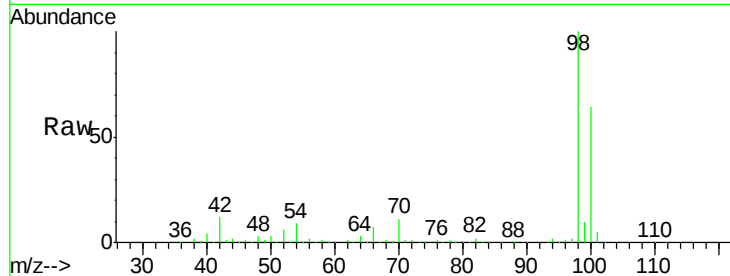
PB108794ZHE#08

Tot Ion: 98 Resp: 292794

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

200000

150000

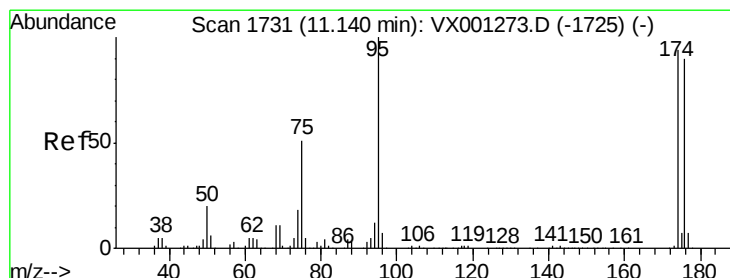
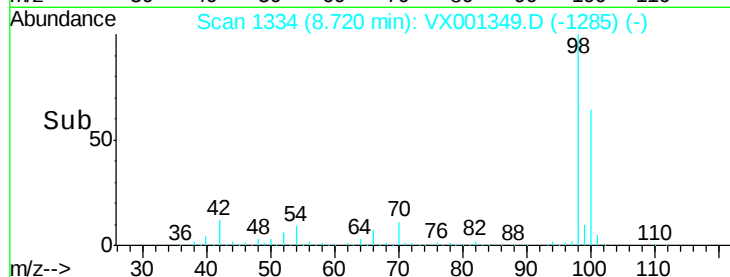
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 36.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001349.D

Acq: 03 May 2018 06:33

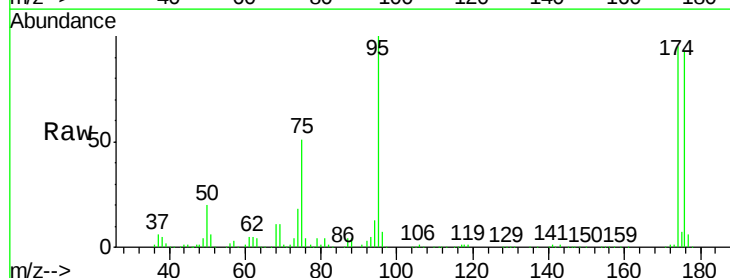
Tgt Ion: 95 Resp: 94254

Ion Ratio Lower Upper

95 100

174 105.9 0.0 201.8

176 102.5 0.0 197.2



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

100000

80000

60000

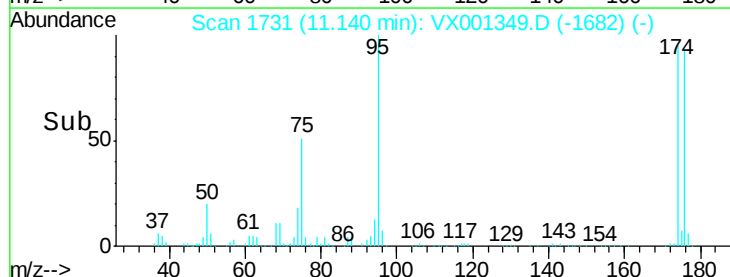
40000

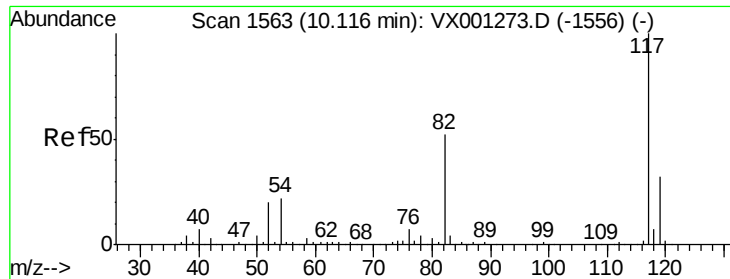
20000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001349.D

Acq: 03 May 2018 06:33

Instrument :

MSVOA\_X

ClientSampleId :

PB108794ZHE#08

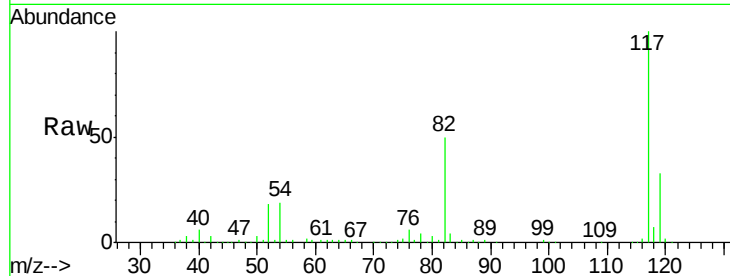
Tot Ion:117 Resp: 187046

Ion Ratio Lower Upper

117 100

82 50.0 41.4 62.0

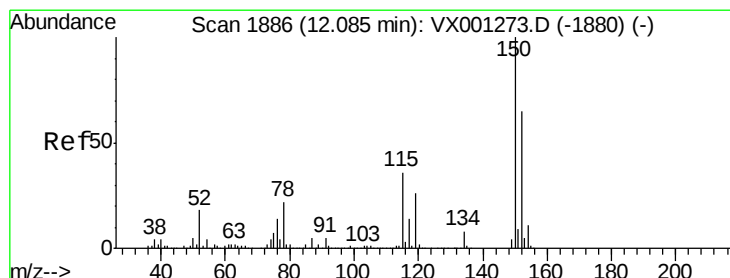
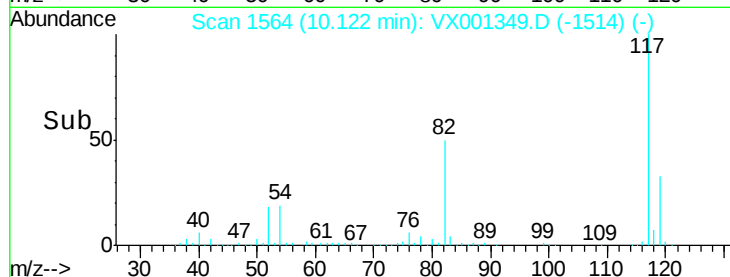
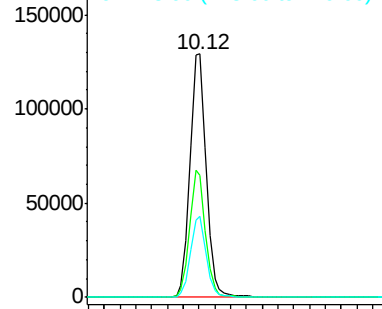
119 33.1 25.5 38.3



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# 1886

Delta R.T. 0.00 min

Lab File: VX001349.D

Acq: 03 May 2018 06:33

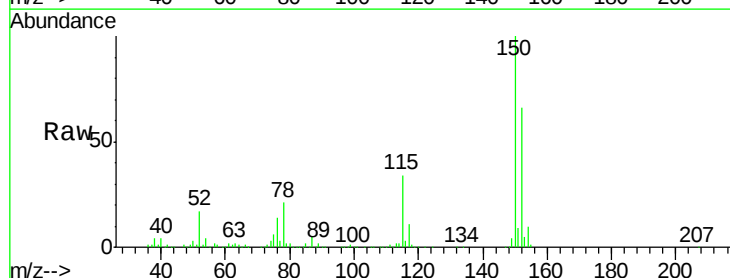
Tgt Ion:152 Resp: 104151

Ion Ratio Lower Upper

152 100

115 51.9 38.6 115.7

150 156.2 0.0 349.2



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

