

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\  
 Data File : VX001602.D  
 Acq On : 10 May 2018 15:27  
 Operator : JC/MD  
 Sample : J2649-01DL 20X  
 Misc : 5.42g/5mL/100uL/5mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 10R-8DL

Quant Time: May 11 07:46:14 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X050518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sun May 06 07:59:25 2018  
 Response via : Initial Calibration

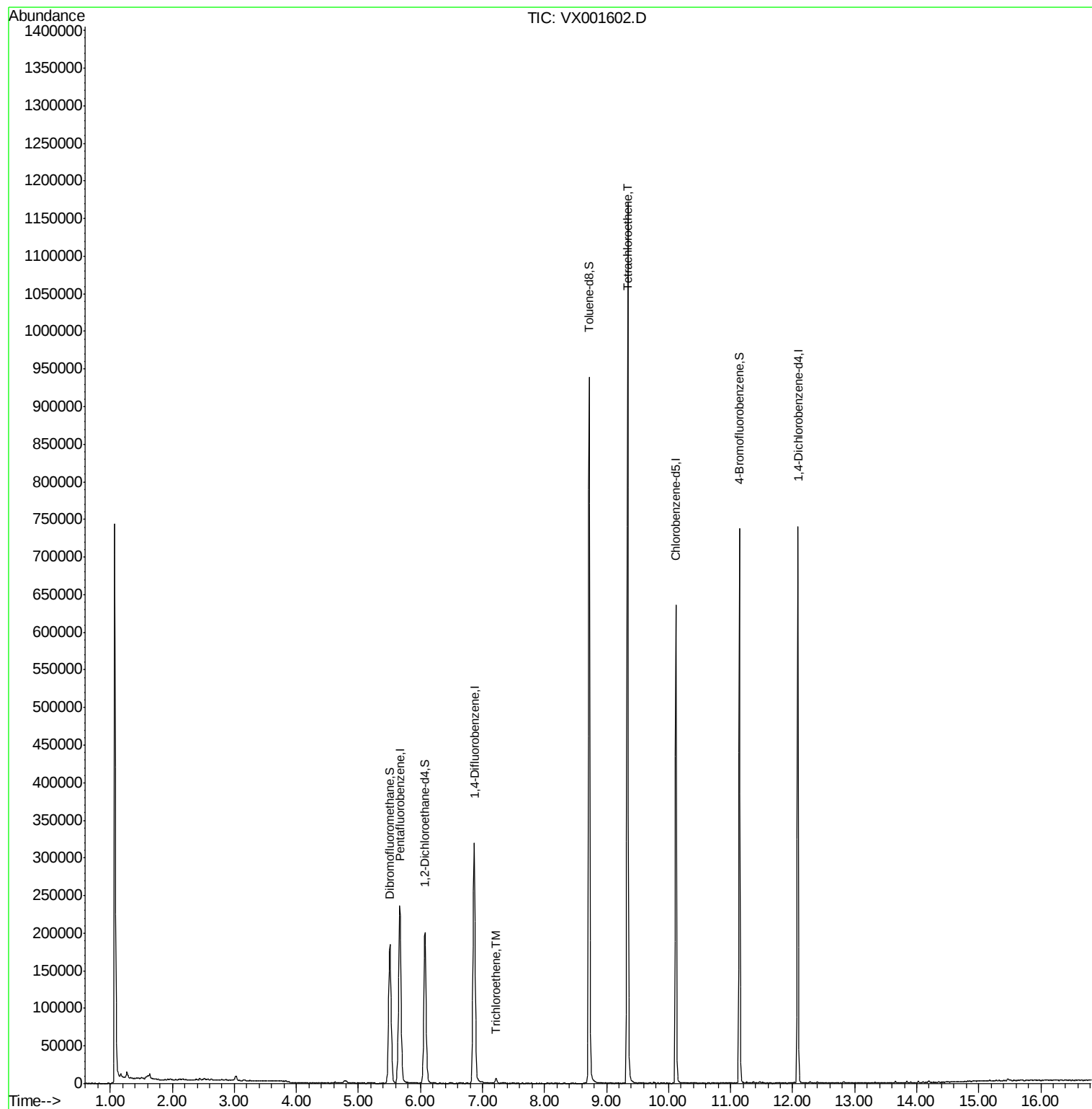
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 247056   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 339982   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 298233   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.09 | 152  | 163647   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 193952   | 54.62 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 109.24% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 152029   | 50.27 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.54% |          |
| 50) Toluene-d8              | 8.72  | 98   | 546910   | 49.55 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.10%  |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 179811   | 42.43 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 84.86%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 44) Trichloroethene         | 7.21  | 130  | 2539     | 0.66  | ug/l    | 92       |
| 64) Tetrachloroethene       | 9.34  | 164  | 254676   | 61.27 | ug/l    | 99       |

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

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Quant Title : SW846 8260  
QLast Update : Sun May 06 07:59:25 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001602.D

Acq: 10 May 2018 15:27

Instrument :

MSVOA\_X

ClientSampleId :

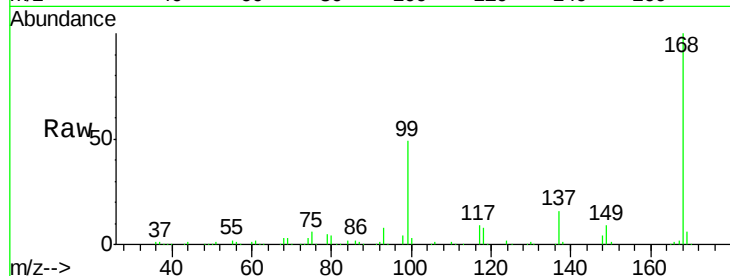
10R-8DL

Tot Ion:168 Resp: 247056

Ion Ratio Lower Upper

168 100

99 49.3 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

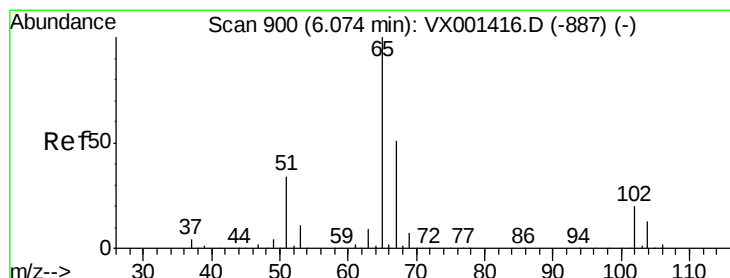
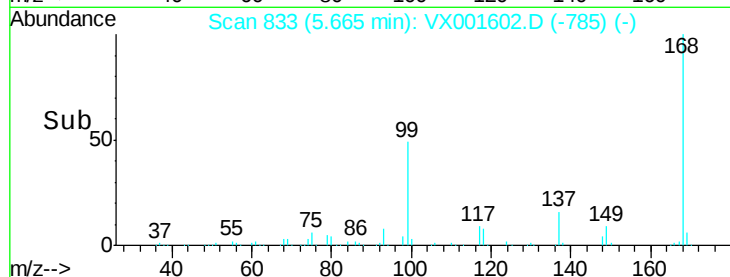
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.62 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001602.D

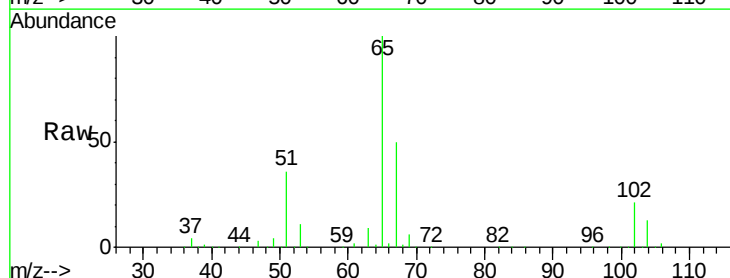
Acq: 10 May 2018 15:27

Tgt Ion: 65 Resp: 193952

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

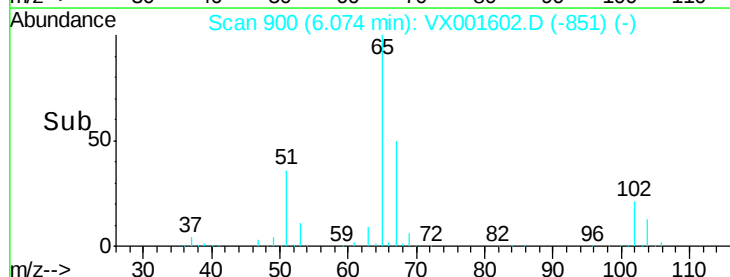
60000

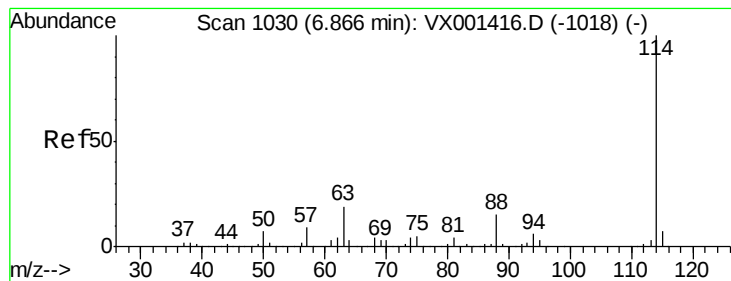
40000

20000

0

Time--> 6.00 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001602.D

Acq: 10 May 2018 15:27

Instrument :

MSVOA\_X

ClientSampleId :

10R-8DL

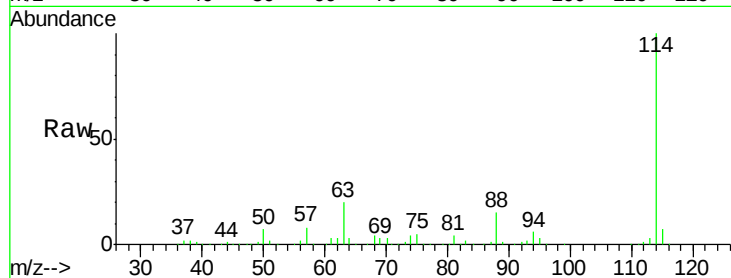
Tot Ion:114 Resp: 339982

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

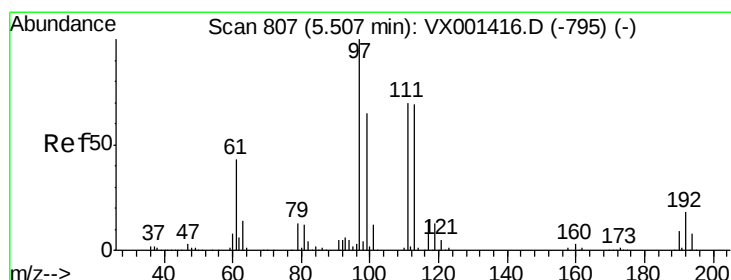
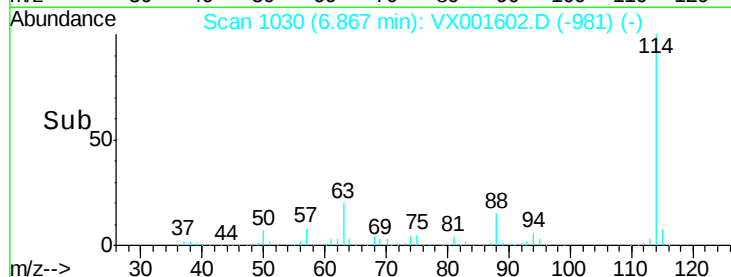
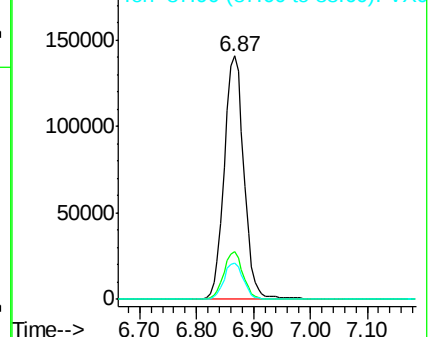
88 15.0 0.0 30.8



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: 50.27 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001602.D

Acq: 10 May 2018 15:27

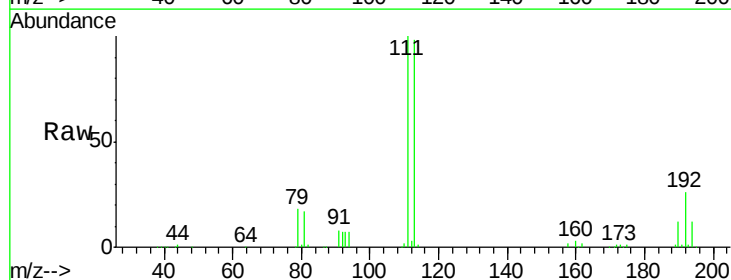
Tgt Ion:113 Resp: 152029

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

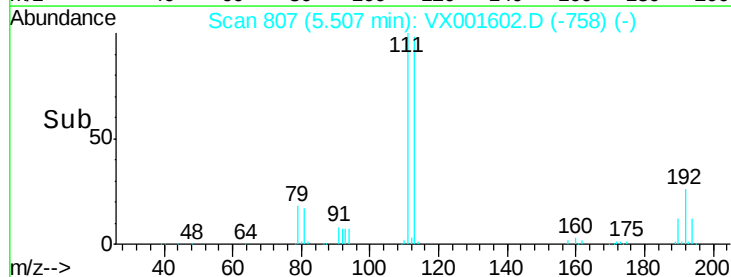
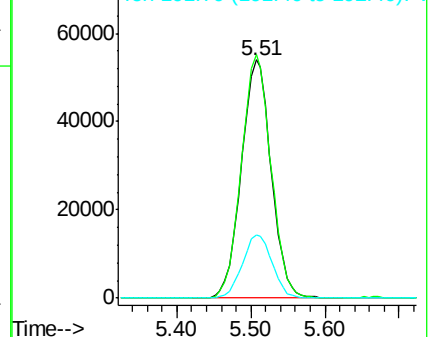
192 26.6 21.4 32.0

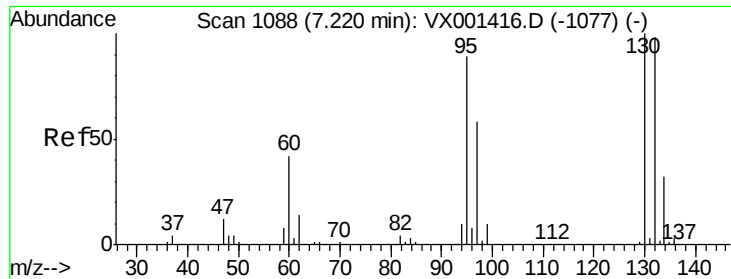


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.66 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001602.D

Acq: 10 May 2018 15:27

Instrument :

MSVOA\_X

ClientSampled :

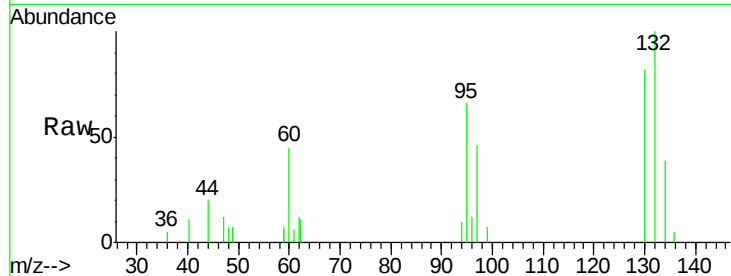
10R-8DL

Tot Ion:130 Resp: 2539

Ion Ratio Lower Upper

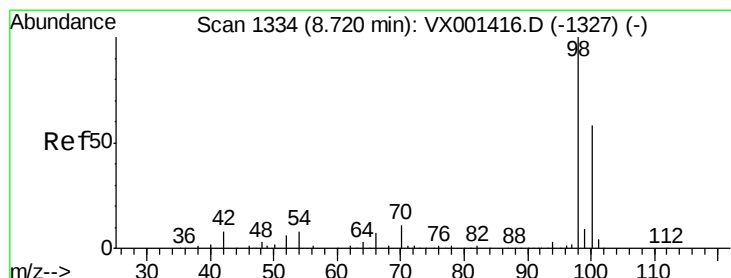
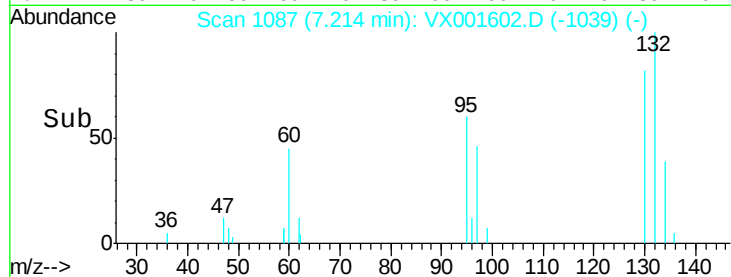
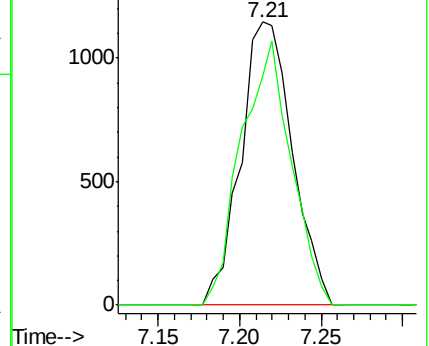
130 100

95 81.2 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.55 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001602.D

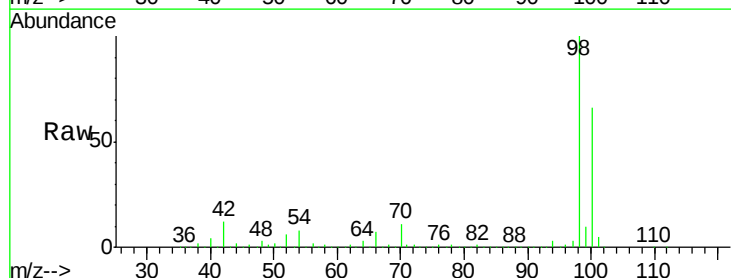
Acq: 10 May 2018 15:27

Tgt Ion: 98 Resp: 546910

Ion Ratio Lower Upper

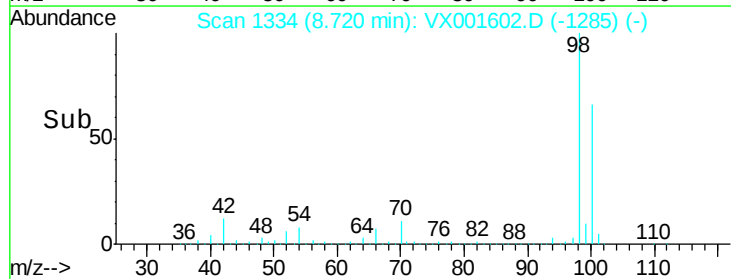
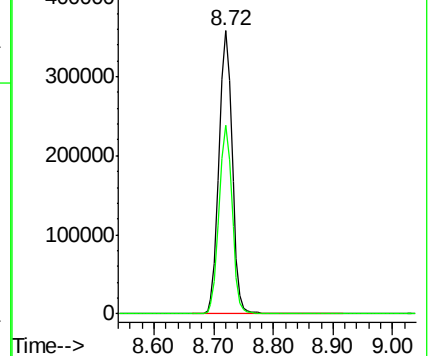
98 100

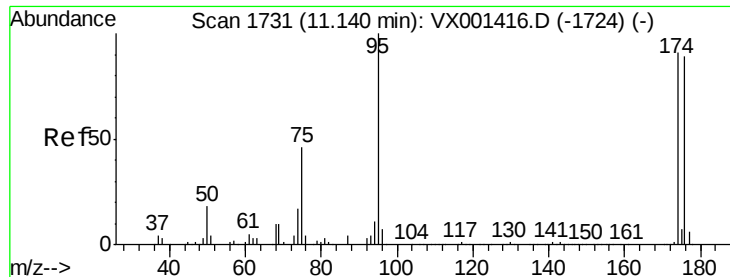
100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.43 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001602.D

Acq: 10 May 2018 15:27

Instrument :

MSVOA\_X

ClientSampleId :

10R-8DL

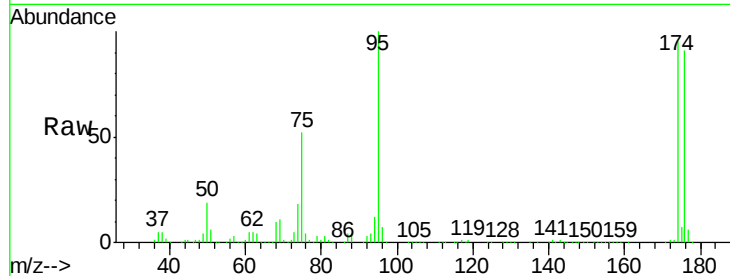
Tot Ion: 95 Resp: 179811

Ion Ratio Lower Upper

95 100

174 101.4 0.0 202.0

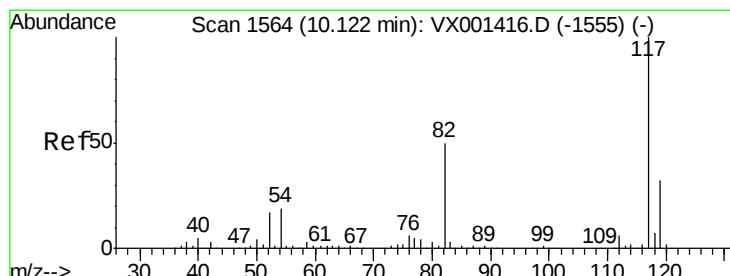
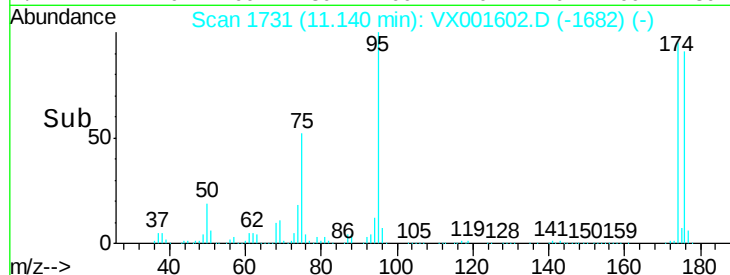
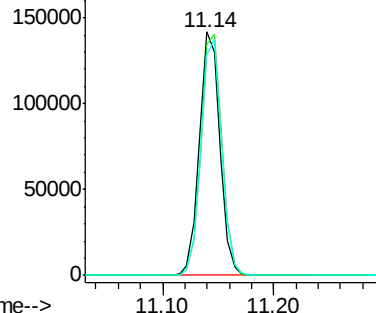
176 98.0 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001416.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001416.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001416.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001602.D

Acq: 10 May 2018 15:27

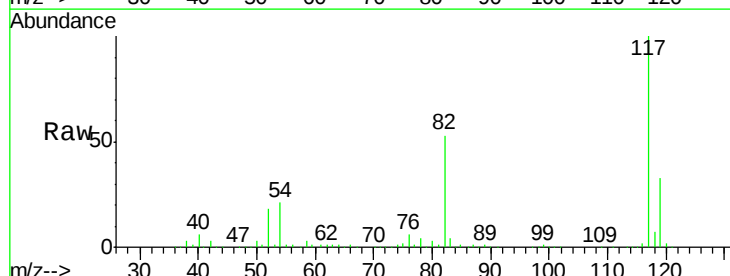
Tgt Ion: 117 Resp: 298233

Ion Ratio Lower Upper

117 100

82 52.9 40.0 60.0

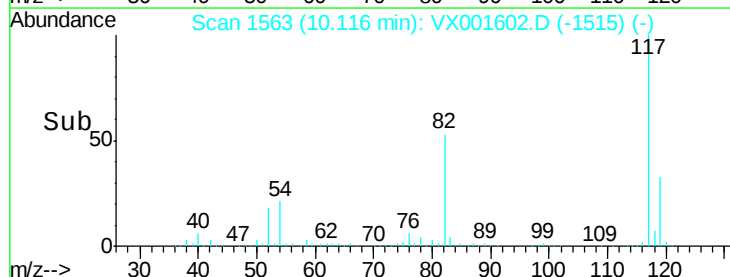
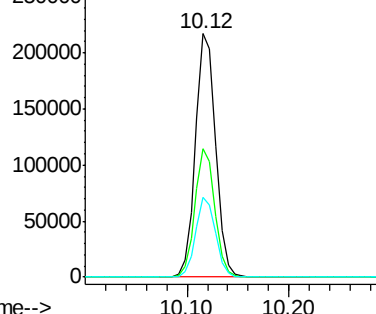
119 32.7 25.8 38.8

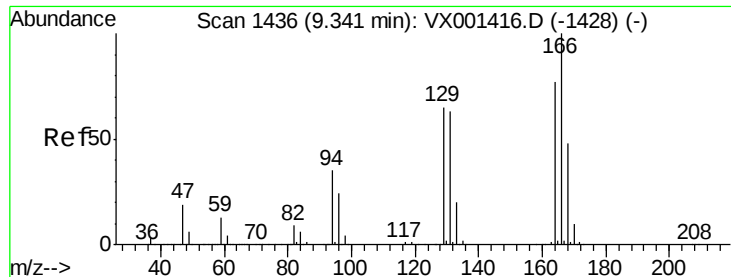


Abundance Ion 116.90 (116.60 to 117.60): VX001416.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001416.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001416.D (-1555) (-)





#64

Tetrachloroethene

Concen: 61.27 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001602.D

Acq: 10 May 2018 15:27

Instrument :

MSVOA\_X

ClientSampleId :

10R-8DL

Tot Ion:164 Resp: 254676

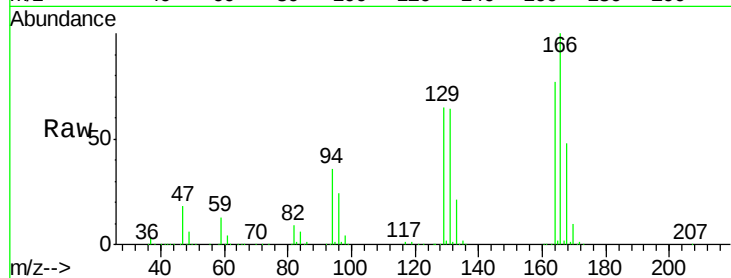
Ion Ratio Lower Upper

164 100

166 129.7 103.5 155.3

129 84.1 66.7 100.1

131 82.8 64.9 97.3

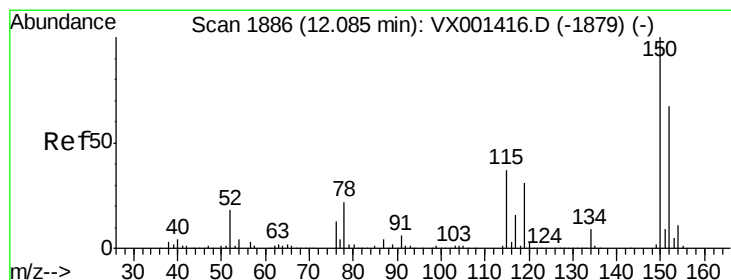
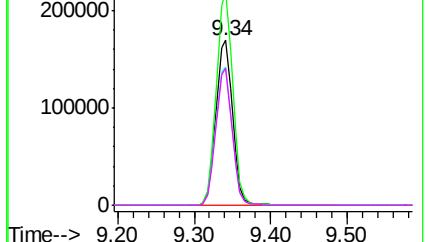
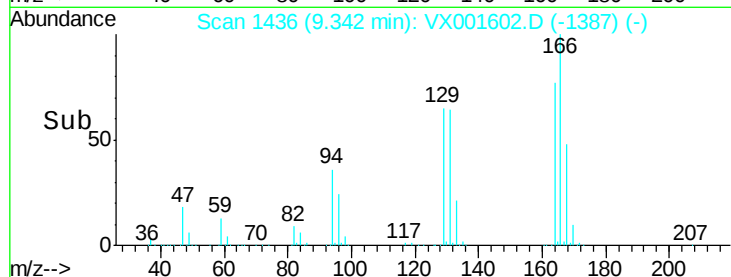


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001602.D

Acq: 10 May 2018 15:27

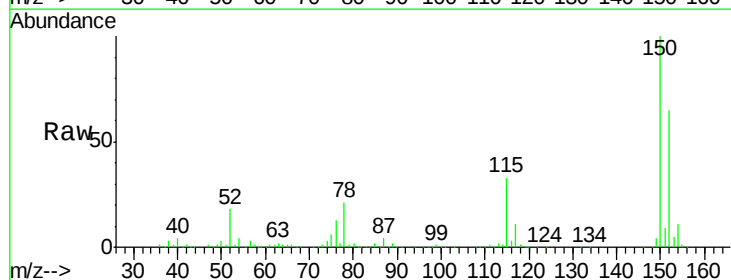
Tgt Ion:152 Resp: 163647

Ion Ratio Lower Upper

152 100

115 52.6 37.7 113.1

150 154.6 0.0 349.4



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

