

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX010820\  
 Data File : VX014474.D  
 Acq On : 08 Jan 2020 16:21  
 Operator : JC/SP  
 Sample : K6474-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-02

Quant Time: Jan 09 06:57:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 07 15:54:41 2020  
 Response via : Initial Calibration

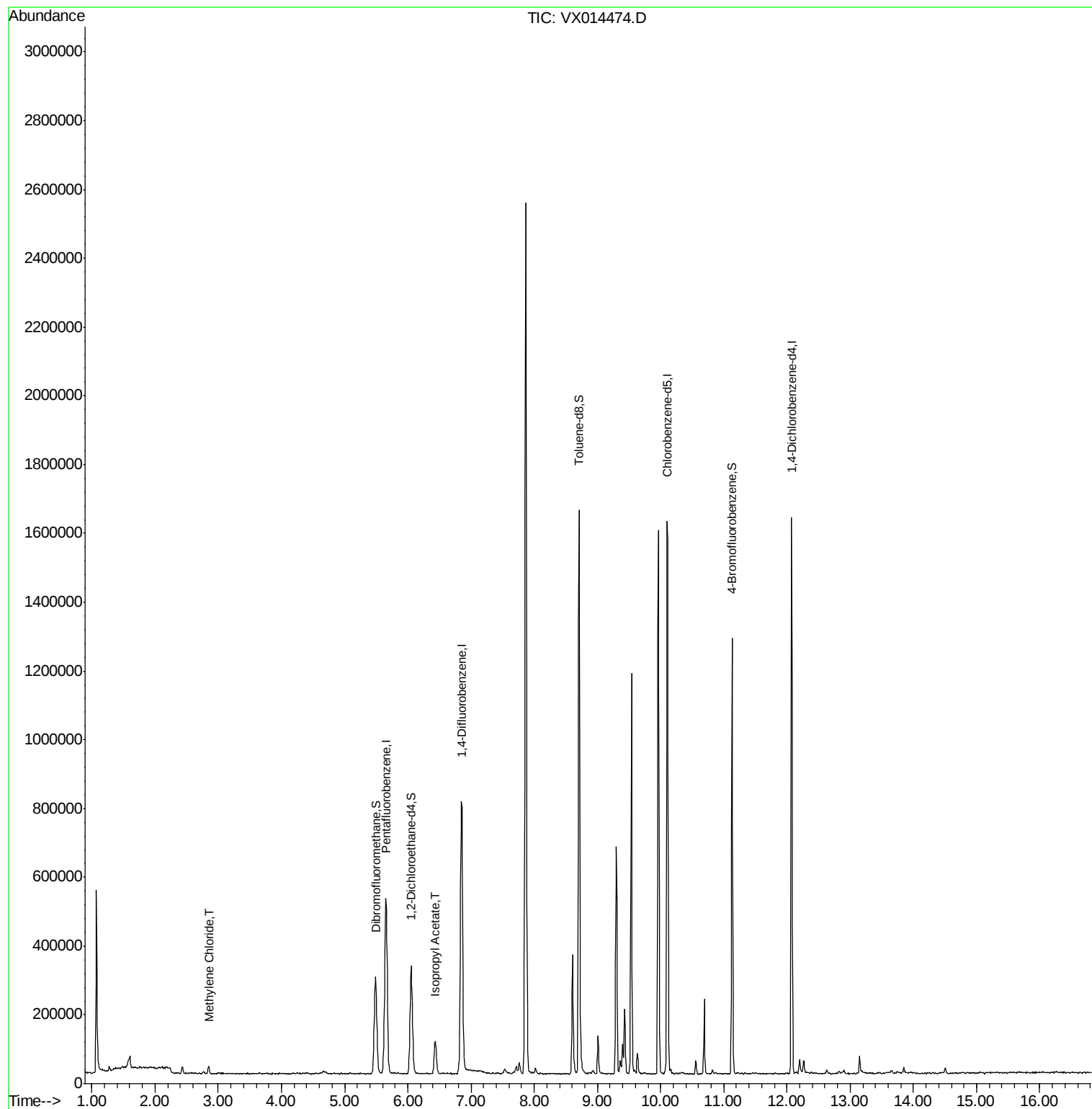
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.65  | 168  | 539598   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.85  | 114  | 816511   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 748563   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 345207   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.05  | 65   | 291708   | 48.43 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.86%  |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 243276   | 49.22 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.44%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 979390   | 51.06 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.12% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 339465   | 48.21 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.42%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 20) Methylene Chloride      | 2.85  | 84   | 10523    | 1.737 | ug/l    | 90       |
| 43) Isopropyl Acetate       | 6.43  | 43   | 129132   | 9.584 | ug/l    | 99       |

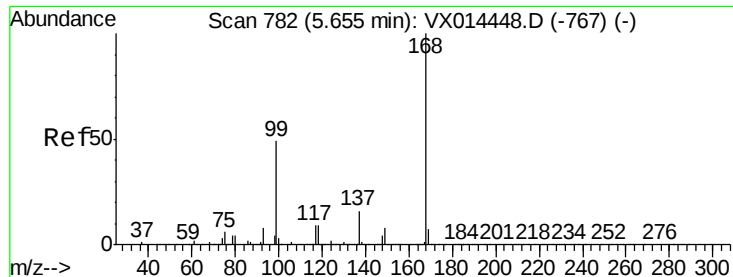
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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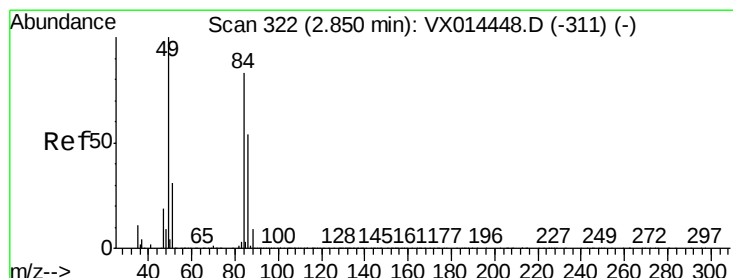
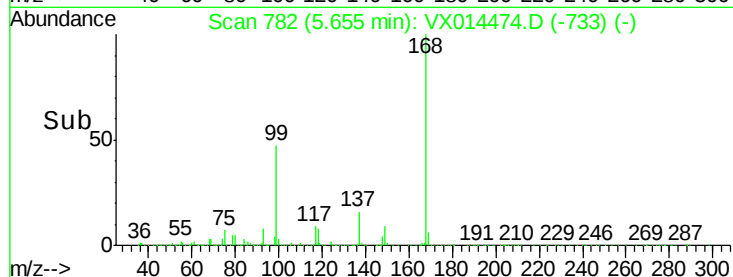
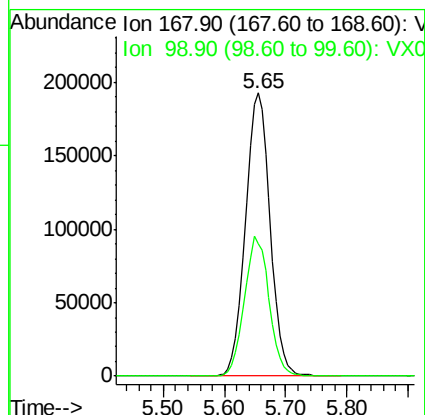
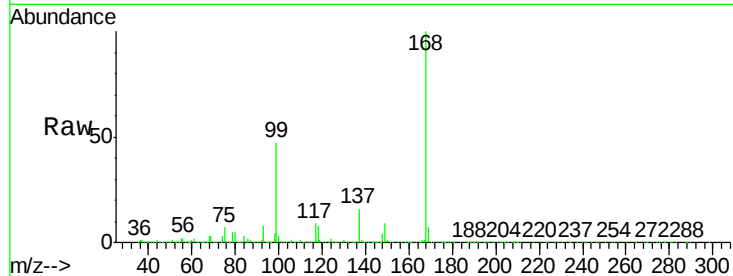


#1

Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.65 min Scan# 782  
 Delta R.T. -0.00 min  
 Lab File: VX014474.D  
 Acq: 08 Jan 2020 16:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-02

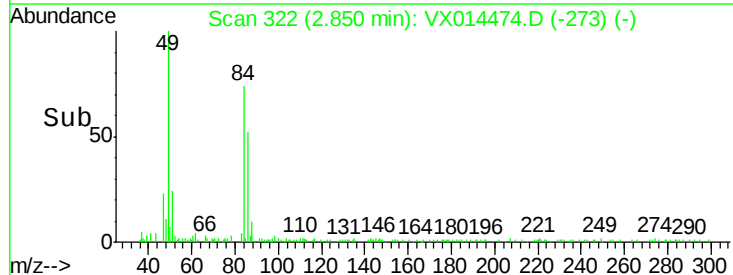
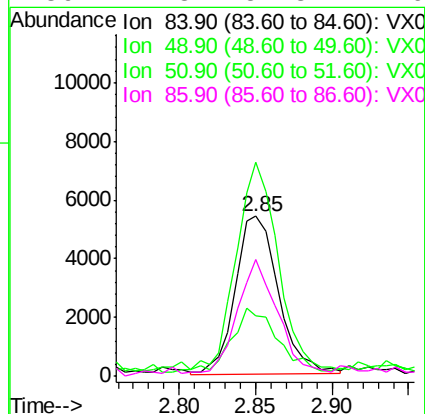
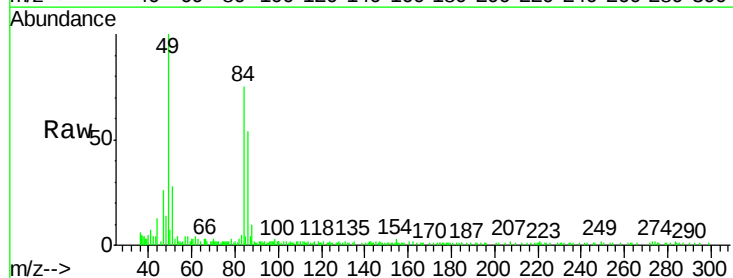
Tgt Ion:168 Resp: 539598  
 Ion Ratio Lower Upper  
 168 100  
 99 46.7 39.2 58.8

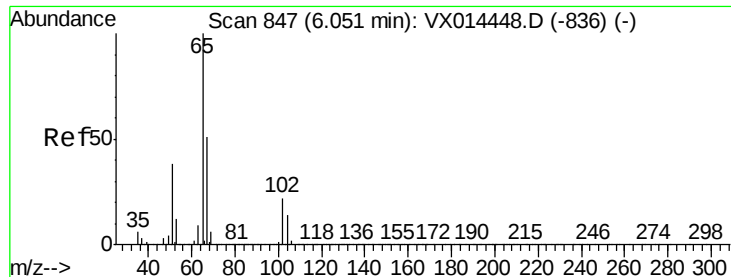


#20

Methylene Chloride  
 Concen: 1.737 ug/l  
 RT: 2.85 min Scan# 322  
 Delta R.T. -0.00 min  
 Lab File: VX014474.D  
 Acq: 08 Jan 2020 16:21

Tgt Ion: 84 Resp: 10523  
 Ion Ratio Lower Upper  
 84 100  
 49 133.0 95.8 143.8  
 51 34.7 30.2 45.4  
 86 71.8 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 48.426 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014474.D

Acq: 08 Jan 2020 16:21

Instrument :

MSVOA\_X

ClientSampleId :

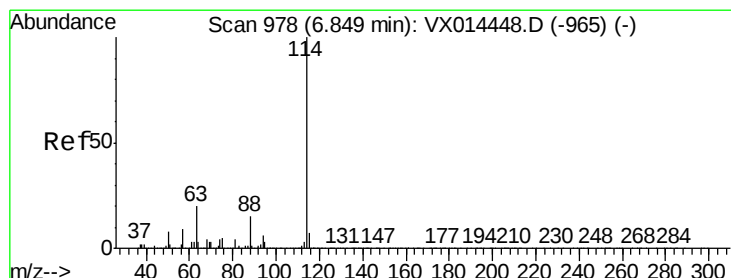
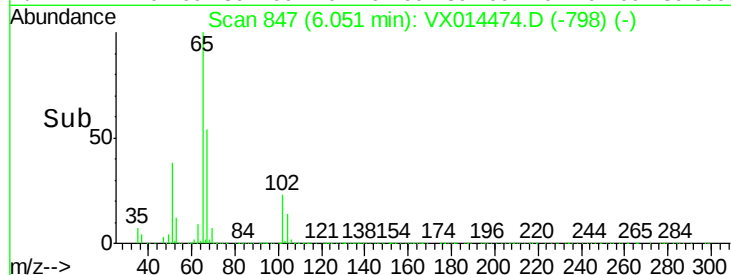
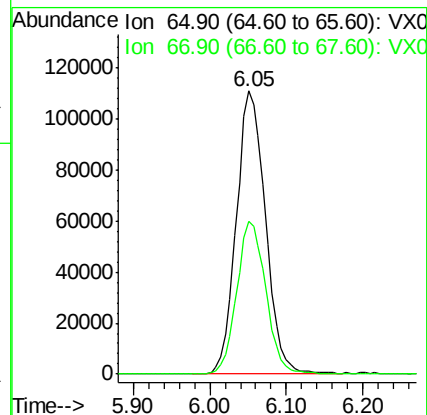
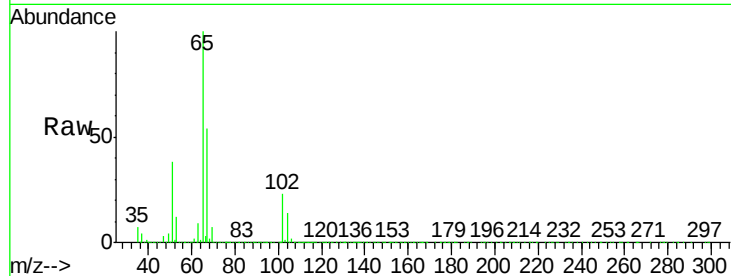
SB-02

Tgt Ion: 65 Resp: 291708

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014474.D

Acq: 08 Jan 2020 16:21

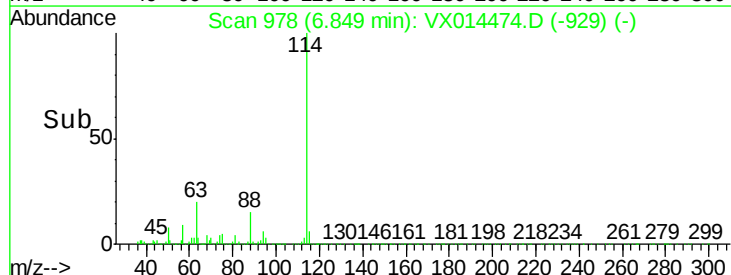
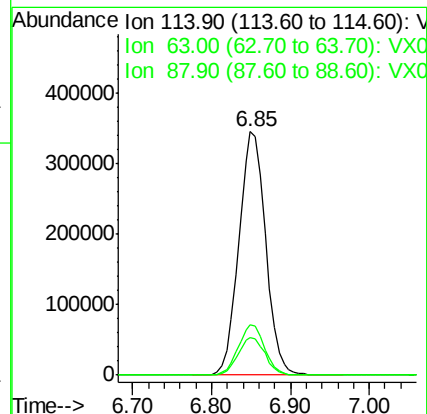
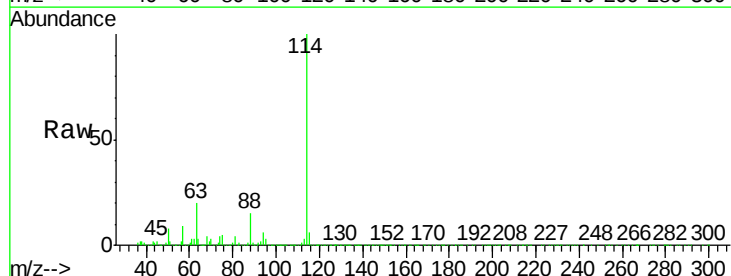
Tgt Ion: 114 Resp: 816511

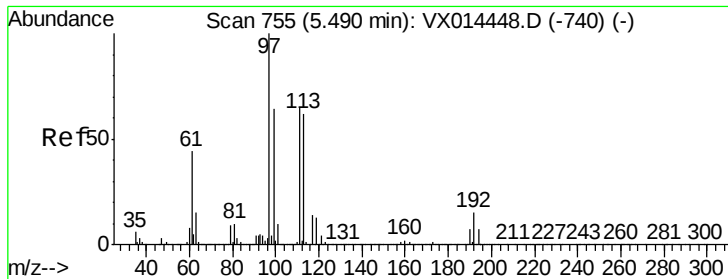
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.219 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014474.D

Acq: 08 Jan 2020 16:21

Instrument :

MSVOA\_X

ClientSampleId :

SB-02

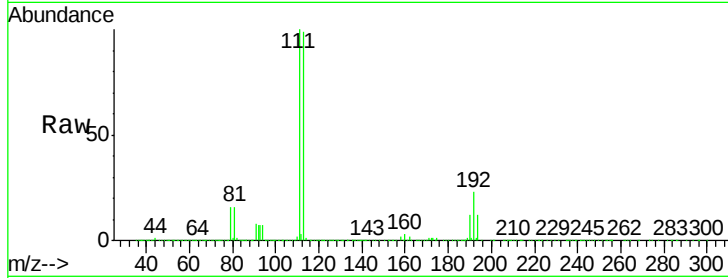
Tgt Ion:113 Resp: 243276

Ion Ratio Lower Upper

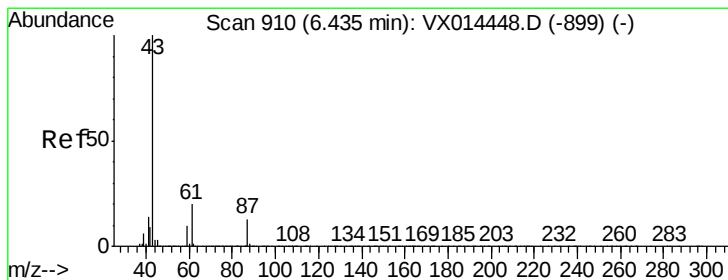
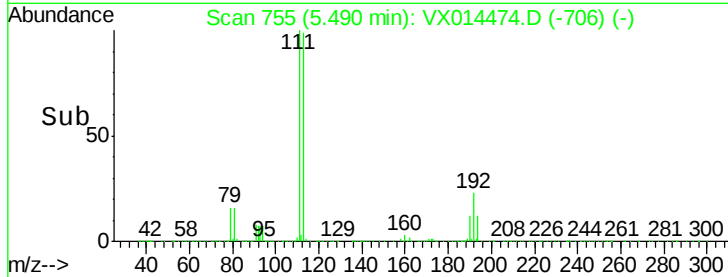
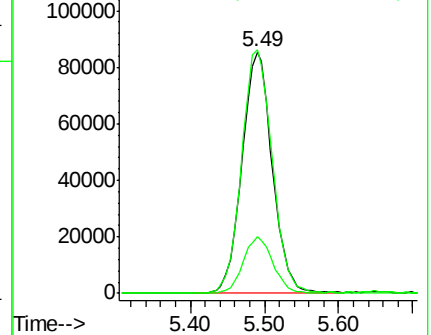
113 100

111 101.9 81.5 122.3

192 23.1 19.2 28.8



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: 9.584 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014474.D

Acq: 08 Jan 2020 16:21

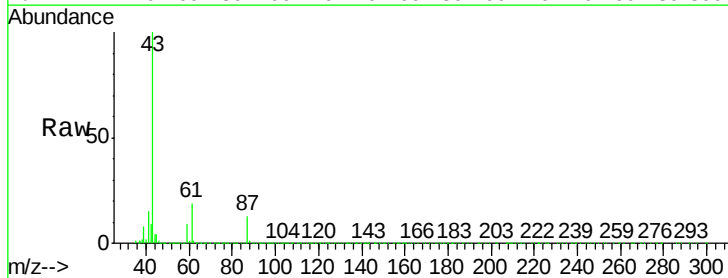
Tgt Ion: 43 Resp: 129132

Ion Ratio Lower Upper

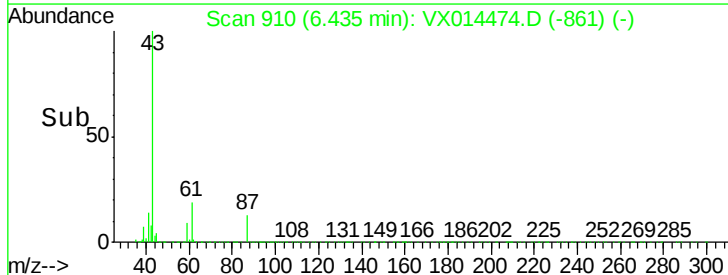
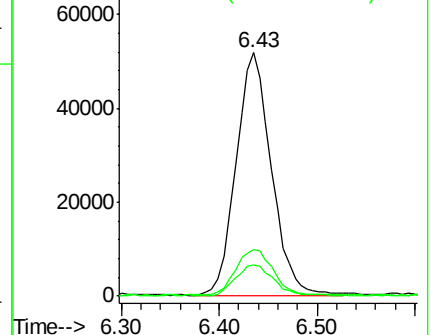
43 100

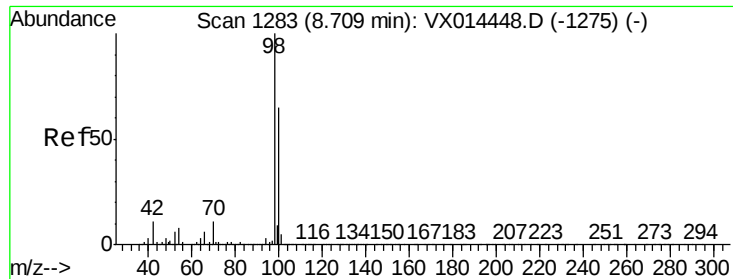
61 19.9 16.6 24.8

87 13.3 10.8 16.2



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: 51.061 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014474.D

Acq: 08 Jan 2020 16:21

Instrument :

MSVOA\_X

ClientSampleId :

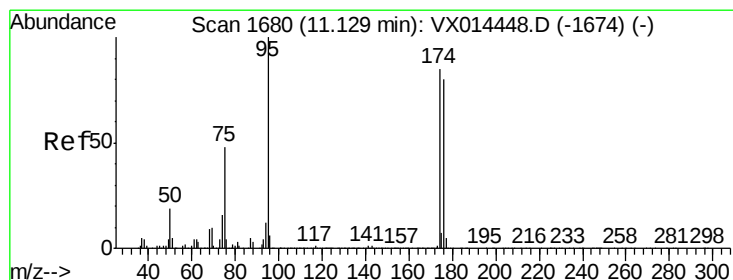
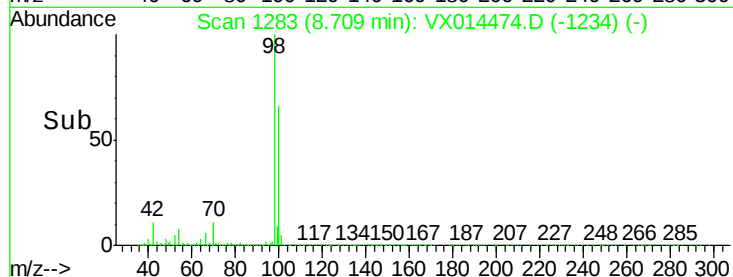
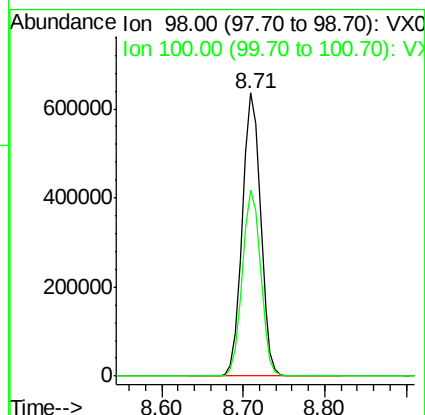
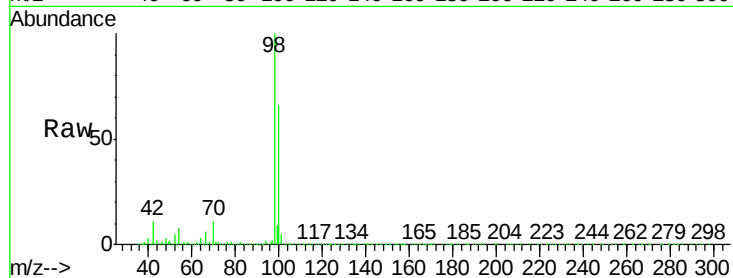
SB-02

Tgt Ion: 98 Resp: 979390

Ion Ratio Lower Upper

98 100

100 65.8 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 48.209 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014474.D

Acq: 08 Jan 2020 16:21

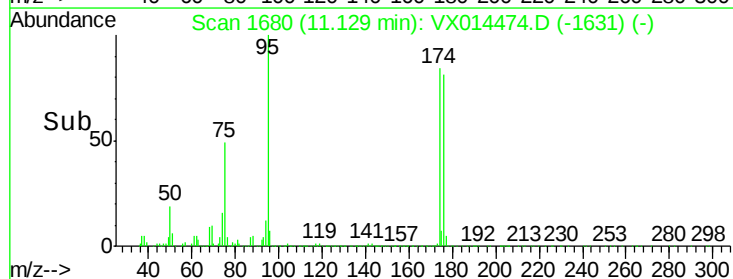
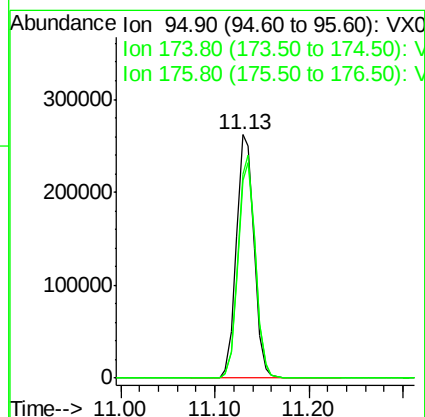
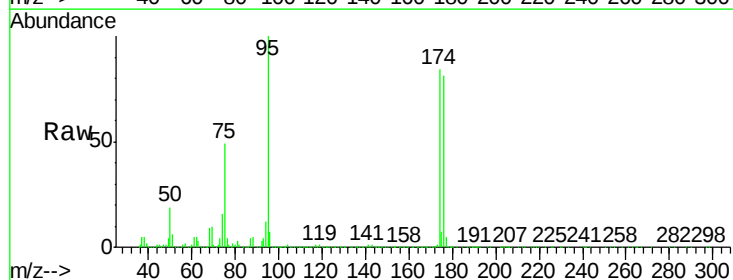
Tgt Ion: 95 Resp: 339465

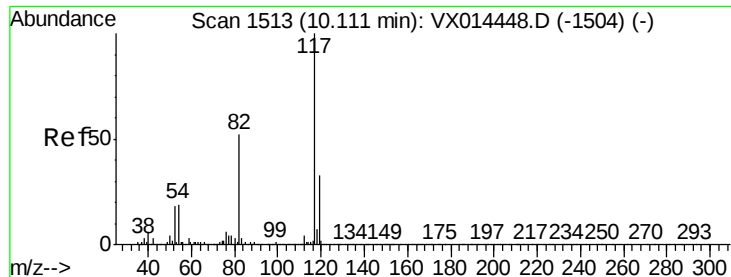
Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.8

176 87.5 0.0 172.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014474.D

Acq: 08 Jan 2020 16:21

Instrument :

MSVOA\_X

ClientSampleId :

SB-02

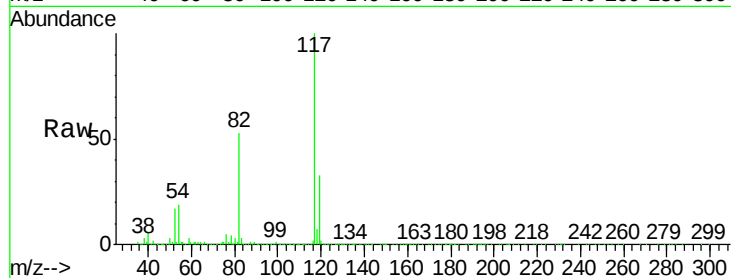
Tgt Ion:117 Resp: 748563

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.6

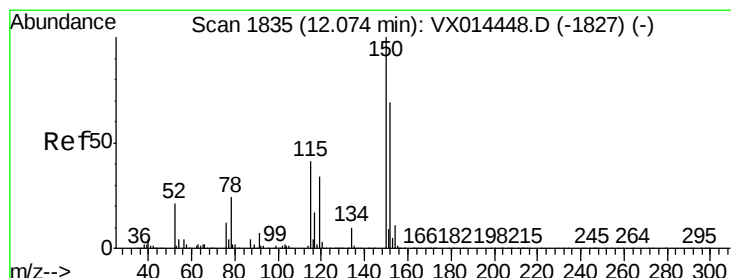
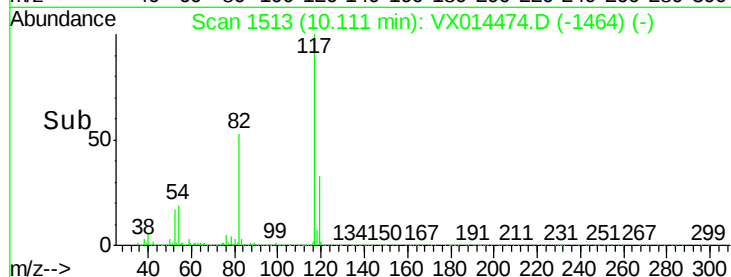
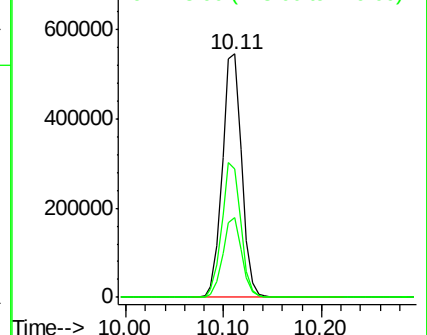
119 32.5 26.2 39.4



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: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014474.D

Acq: 08 Jan 2020 16:21

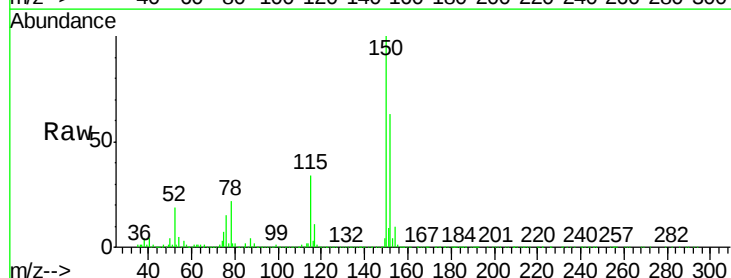
Tgt Ion:152 Resp: 345207

Ion Ratio Lower Upper

152 100

115 54.9 39.5 118.3

150 157.8 0.0 350.2



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

