

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030920\  
 Data File : VX015138.D  
 Acq On : 09 Mar 2020 13:28  
 Operator : JC/SP  
 Sample : L1842-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE117D1-20200303

Quant Time: Mar 09 14:54:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 04 14:19:10 2020  
 Response via : Initial Calibration

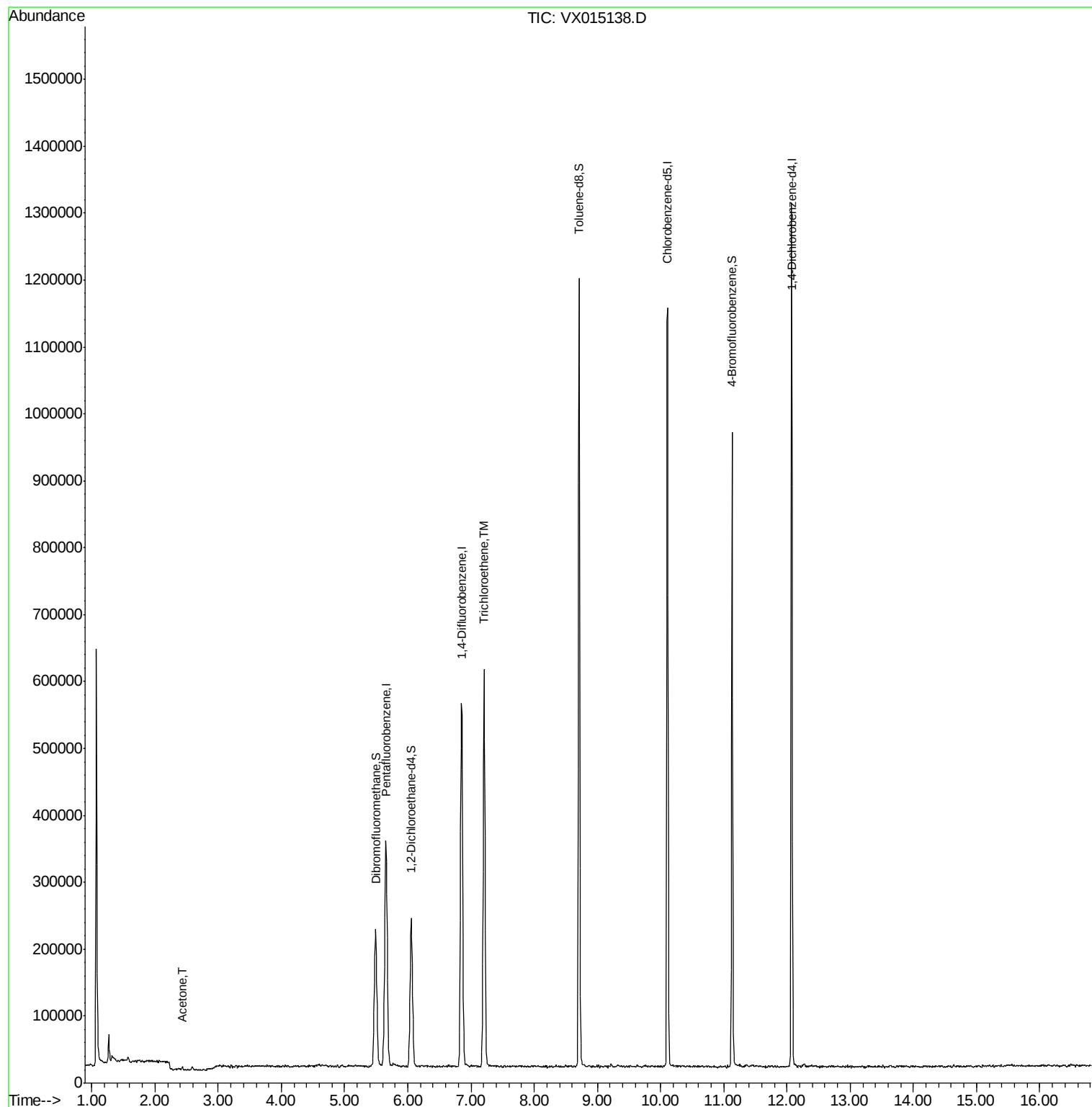
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.65  | 168  | 343483   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.85  | 114  | 559646   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 538030   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 263631   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 210015   | 51.54  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.08% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 174033   | 49.29  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.58%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 678915   | 50.55  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.10% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 244976   | 51.14  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.28% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.44  | 43   | 4646     | 2.815  | ug/l    | 94       |
| 44) Trichloroethene         | 7.21  | 130  | 229056   | 53.583 | ug/l    | 96       |

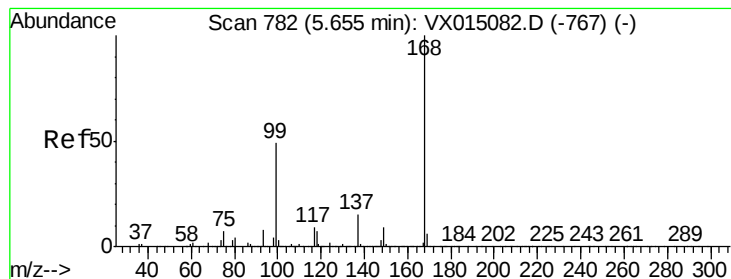
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X030420W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 04 14:19:10 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015138.D

Acq: 09 Mar 2020 13:28

Instrument :

MSVOA\_X

ClientSampleId :

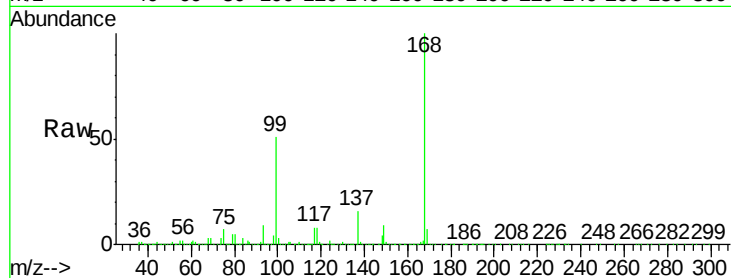
RE117D1-20200303

Tot Ion:168 Resp: 343483

Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

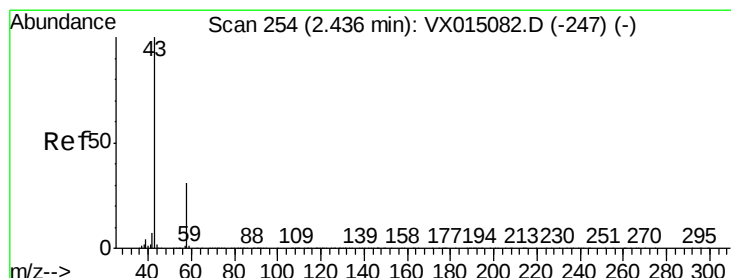
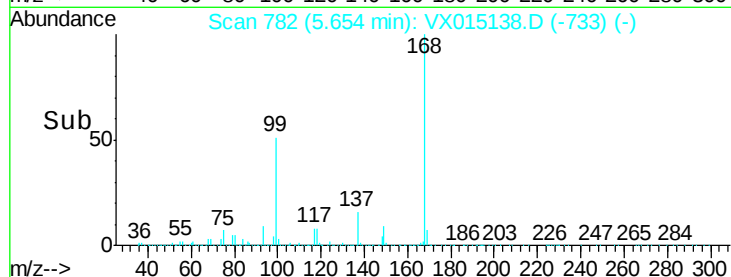
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.815 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015138.D

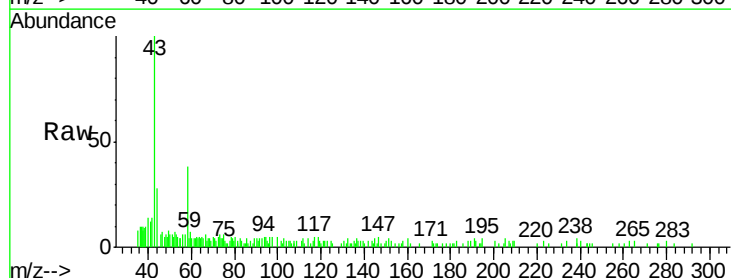
Acq: 09 Mar 2020 13:28

Tgt Ion: 43 Resp: 4646

Ion Ratio Lower Upper

43 100

58 34.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

3000

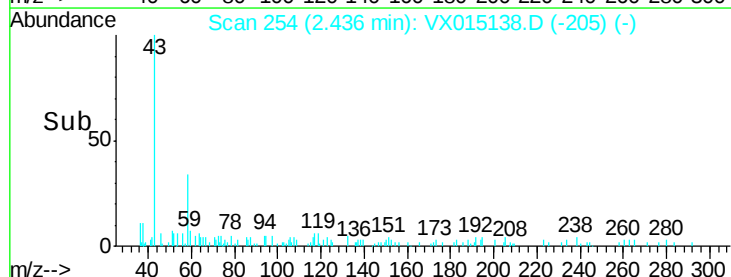
2000

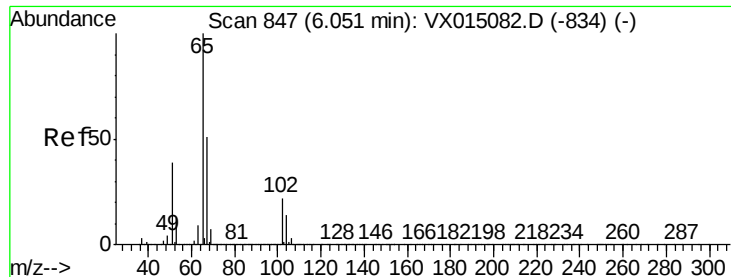
1000

0

Time-->

2.40 2.45





#33

1,2-Dichloroethane-d4

Concen: 51.537 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015138.D

Acq: 09 Mar 2020 13:28

Instrument :

MSVOA\_X

ClientSampleId :

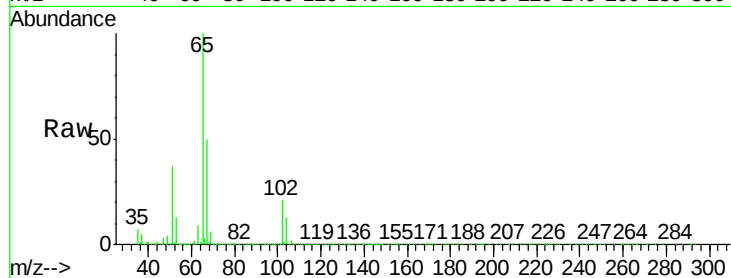
RE117D1-20200303

Tot Ion: 65 Resp: 210015

Ion Ratio Lower Upper

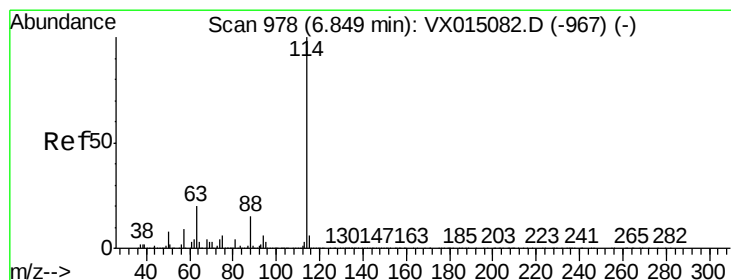
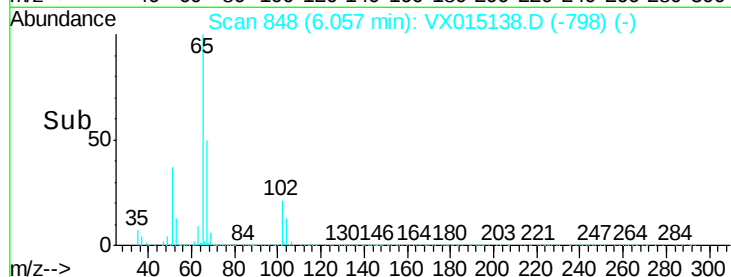
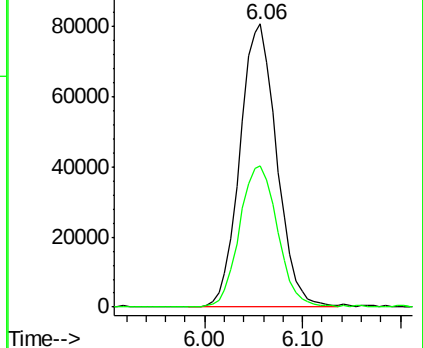
65 100

67 52.1 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015138.D

Acq: 09 Mar 2020 13:28

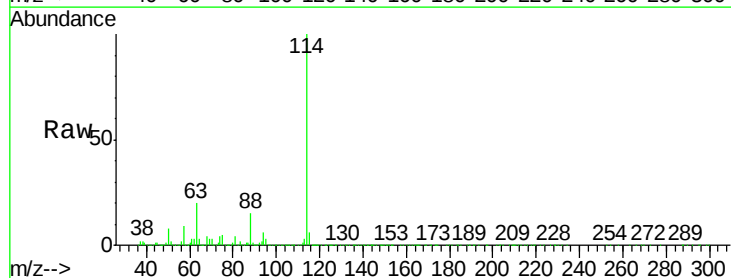
Tgt Ion: 114 Resp: 559646

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

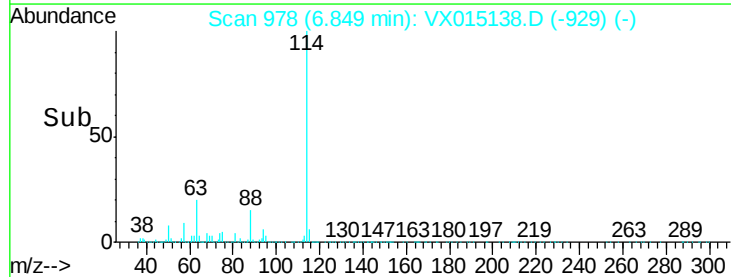
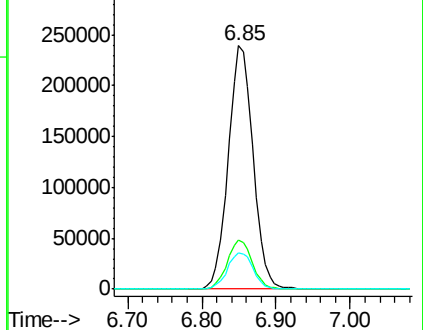
88 15.0 0.0 30.6

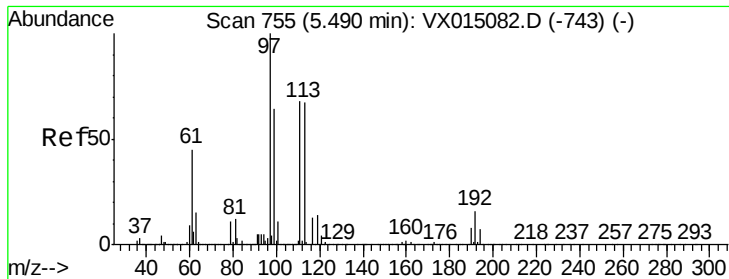


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.292 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015138.D

Acq: 09 Mar 2020 13:28

Instrument :

MSVOA\_X

ClientSampleId :

RE117D1-20200303

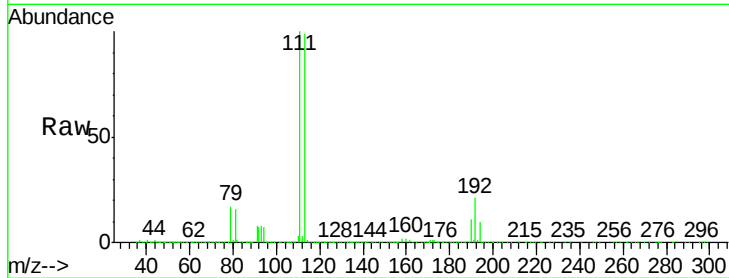
Tot Ion:113 Resp: 174033

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

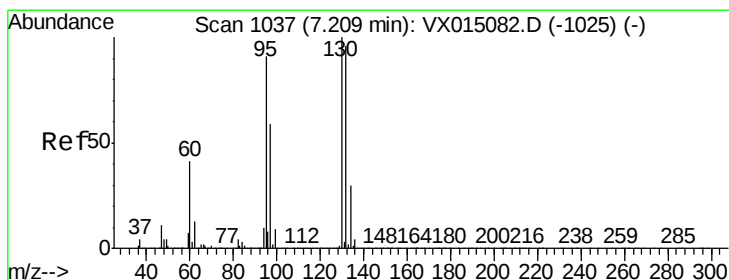
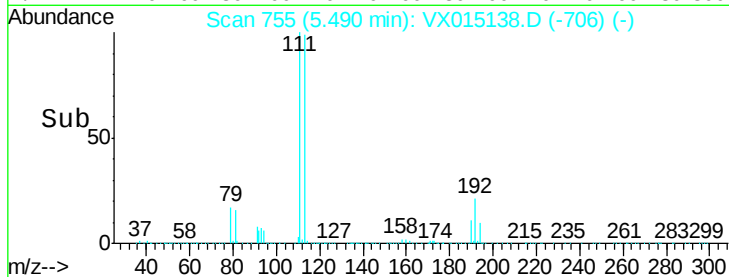
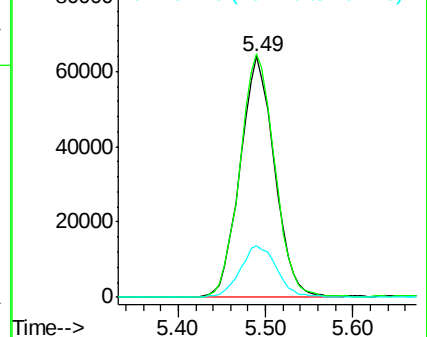
192 22.7 18.6 28.0



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: 53.583 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015138.D

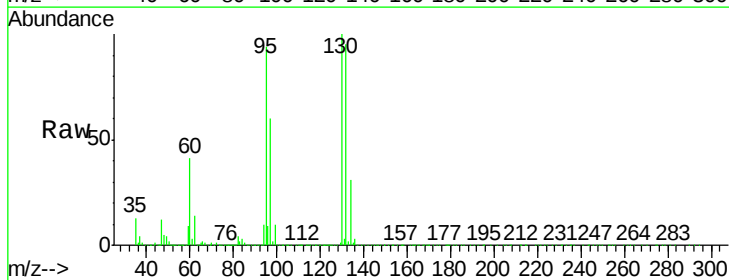
Acq: 09 Mar 2020 13:28

Tgt Ion:130 Resp: 229056

Ion Ratio Lower Upper

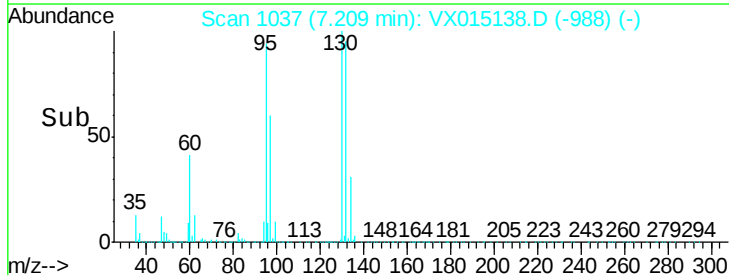
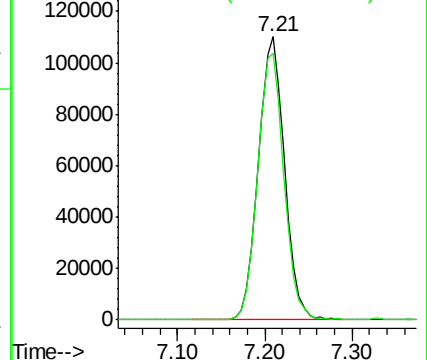
130 100

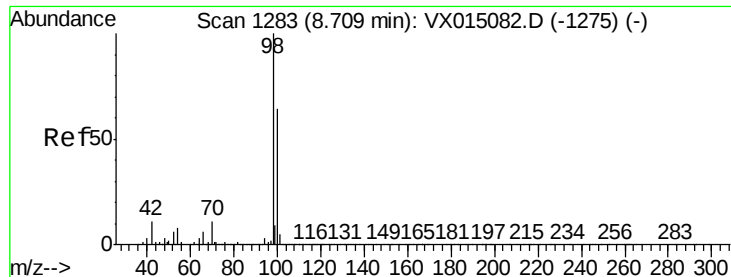
95 94.2 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.552 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015138.D

Acq: 09 Mar 2020 13:28

Instrument :

MSVOA\_X

ClientSampleId :

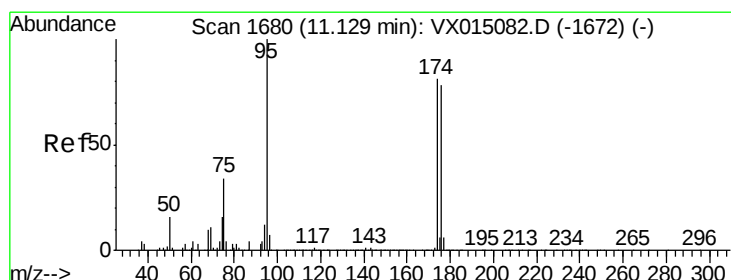
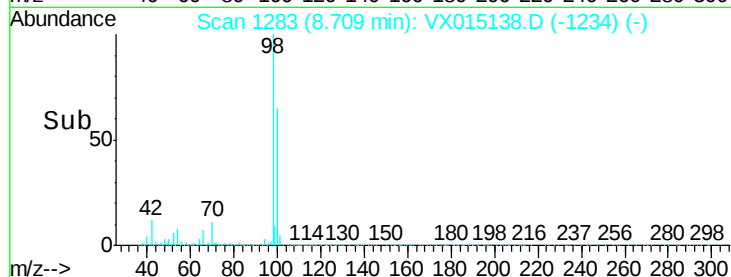
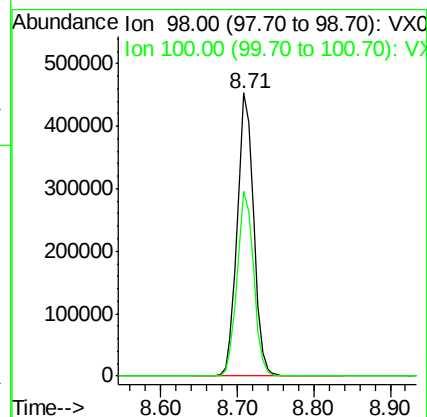
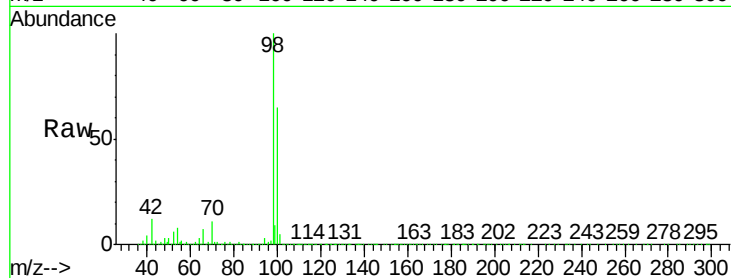
RE117D1-20200303

Tot Ion: 98 Resp: 678915

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 51.139 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015138.D

Acq: 09 Mar 2020 13:28

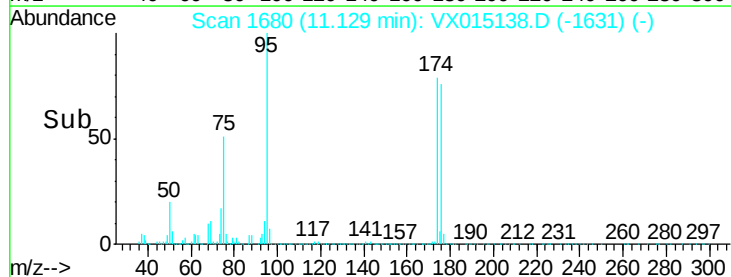
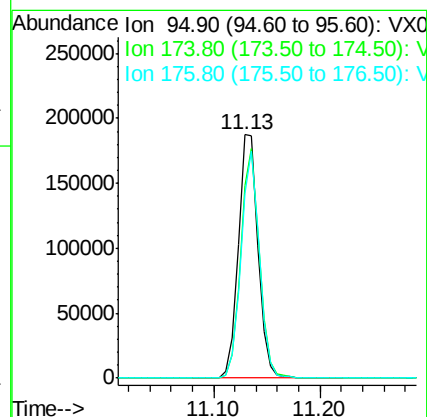
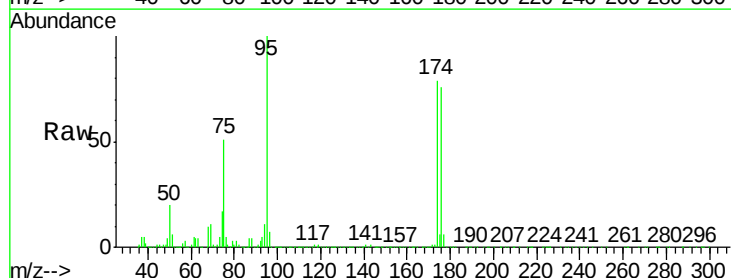
Tgt Ion: 95 Resp: 244976

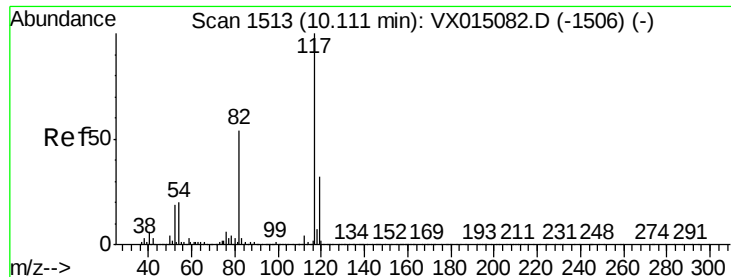
Ion Ratio Lower Upper

95 100

174 88.7 0.0 177.6

176 86.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015138.D

Acq: 09 Mar 2020 13:28

Instrument :

MSVOA\_X

ClientSampleId :

RE117D1-20200303

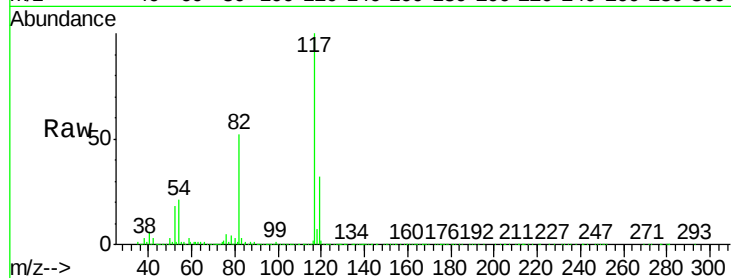
Tot Ion:117 Resp: 538030

Ion Ratio Lower Upper

117 100

82 52.4 43.3 64.9

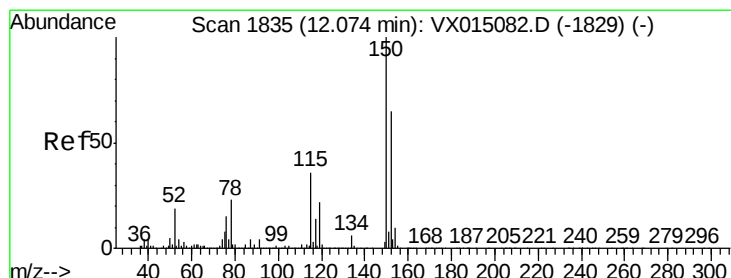
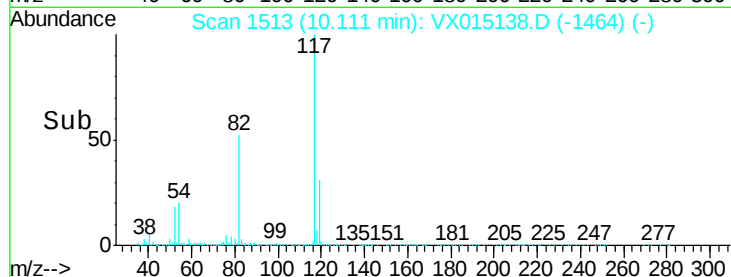
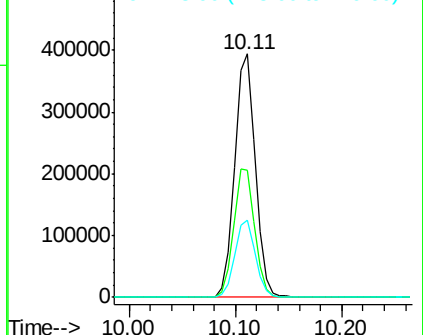
119 31.5 25.8 38.8



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: VX015138.D

Acq: 09 Mar 2020 13:28

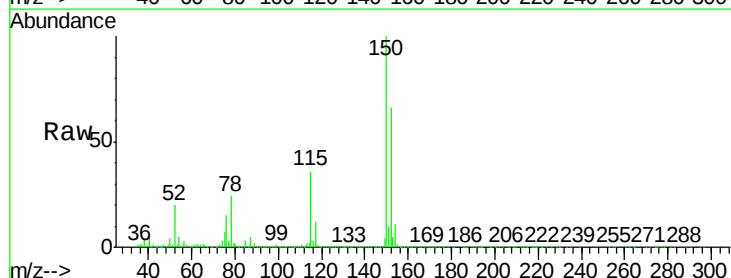
Tgt Ion:152 Resp: 263631

Ion Ratio Lower Upper

152 100

115 55.1 38.2 114.6

150 155.2 0.0 343.8



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

