

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\  
 Data File : VX014102.D  
 Acq On : 18 Dec 2019 17:21  
 Operator : JC/SP  
 Sample : K6300-07  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SSI-MW-3

Quant Time: Dec 19 03:35:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121319W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 17 03:01:07 2019  
 Response via : Initial Calibration

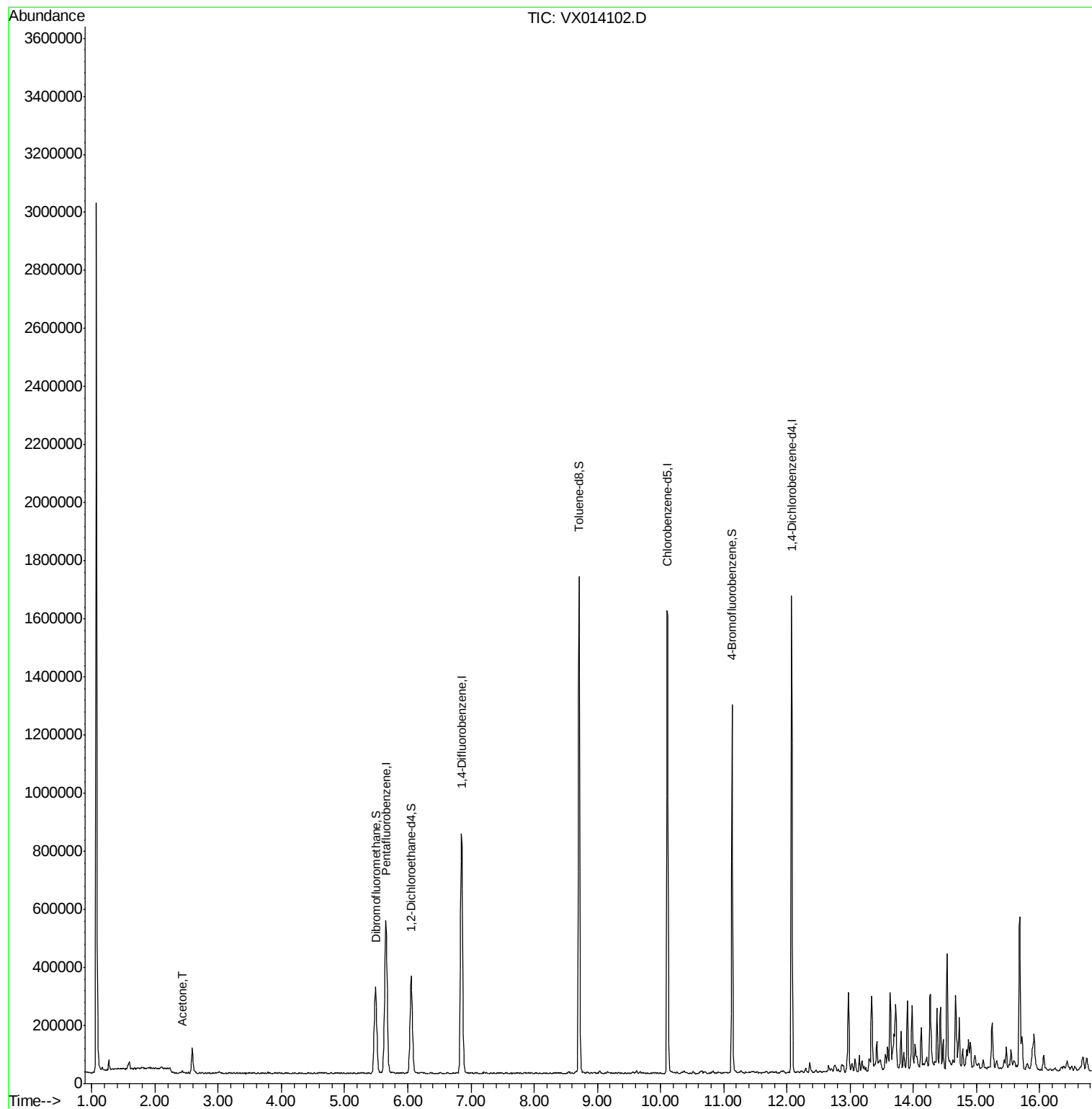
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)   |
|-----------------------------|-------|------|----------|-------|---------|------------|
| 1) Pentafluorobenzene       | 5.65  | 168  | 546083   | 50.00 | ug/l    | 0.00       |
| 34) 1,4-Difluorobenzene     | 6.85  | 114  | 845917   | 50.00 | ug/l    | 0.00       |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 760975   | 50.00 | ug/l    | 0.00       |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 340401   | 50.00 | ug/l    | 0.00       |
| System Monitoring Compounds |       |      |          |       |         |            |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 311248   | 50.29 | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.58% |            |
| 35) Dibromofluoromethane    | 5.49  | 113  | 254090   | 49.41 | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.82%  |            |
| 50) Toluene-d8              | 8.71  | 98   | 1001648  | 50.03 | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.06% |            |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 334325   | 45.68 | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =     | 91.36%  |            |
| Target Compounds            |       |      |          |       |         |            |
| 16) Acetone                 | 2.43  | 43   | 8949     | 2.227 | ug/l    | Qvalue 100 |

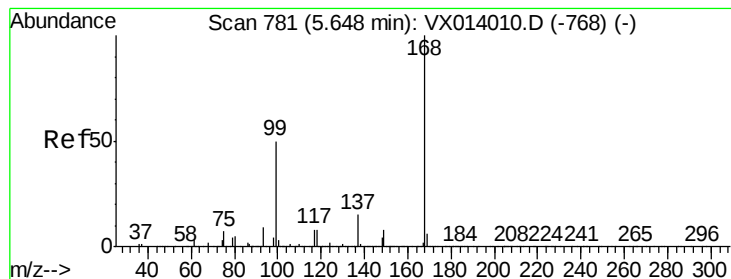
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Dec 17 03:01:07 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

Instrument :

MSVOA\_X

ClientSampleId :

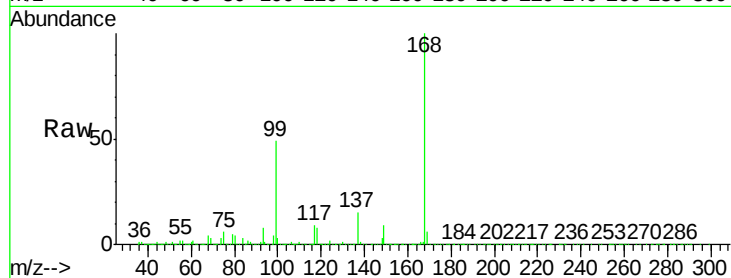
SSI-MW-3

Tot Ion:168 Resp: 546083

Ion Ratio Lower Upper

168 100

99 48.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

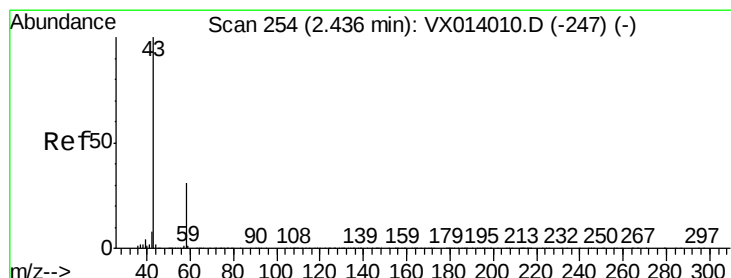
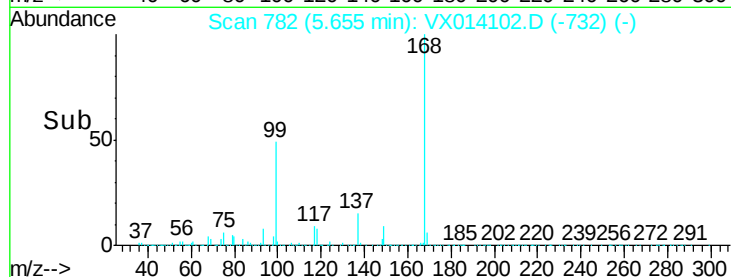
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.227 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014102.D

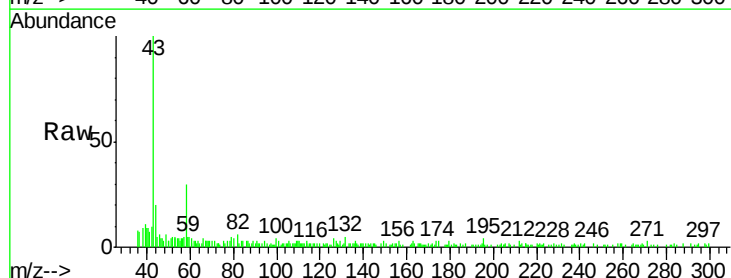
Acq: 18 Dec 2019 17:21

Tgt Ion: 43 Resp: 8949

Ion Ratio Lower Upper

43 100

58 31.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

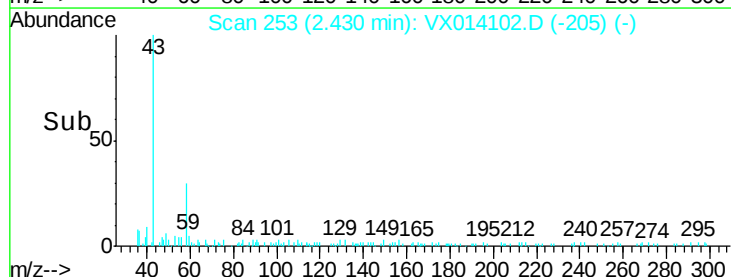
4000

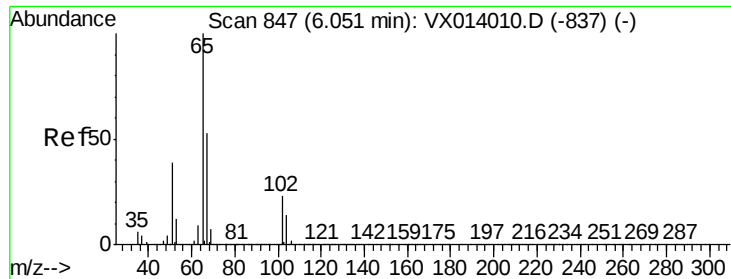
2000

0

Time-->

2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 50.290 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

Instrument :

MSVOA\_X

ClientSampleId :

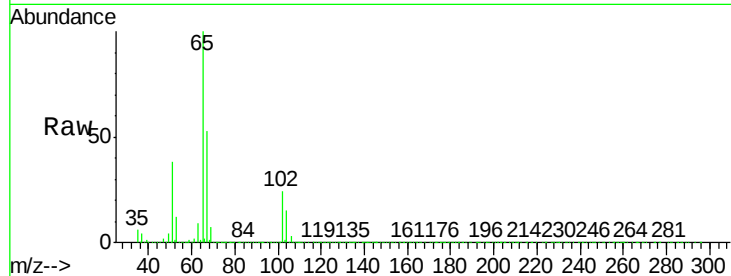
SSI-MW-3

Tot Ion: 65 Resp: 311248

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

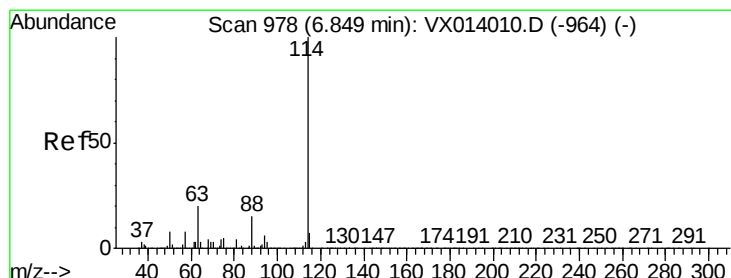
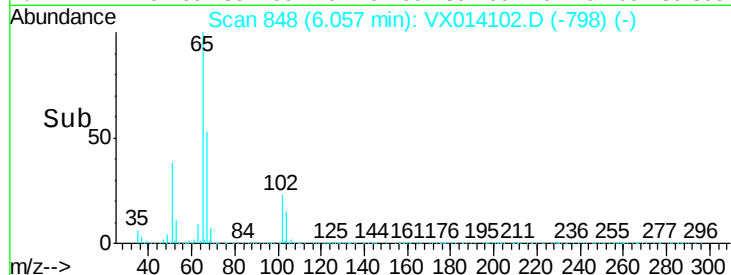
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

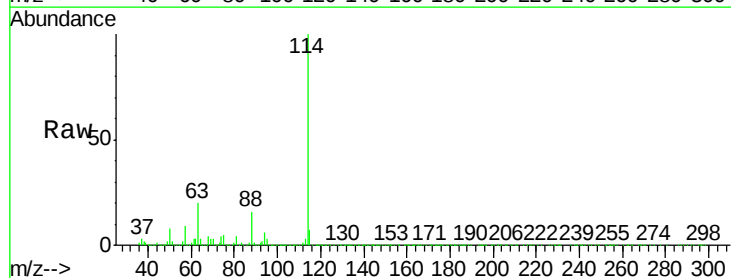
Tgt Ion: 114 Resp: 845917

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 16.4 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

500000

400000

300000

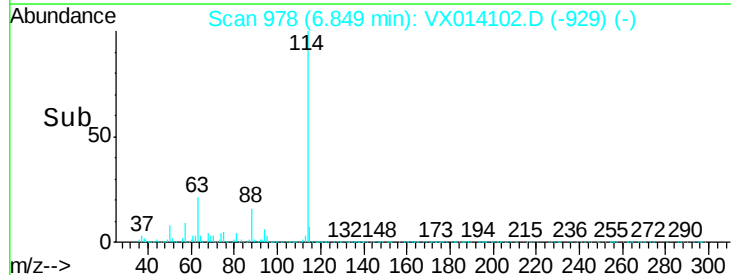
200000

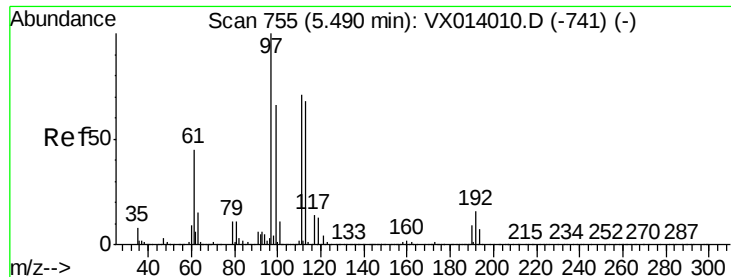
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.412 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

Instrument :

MSVOA\_X

ClientSampleId :

SSI-MW-3

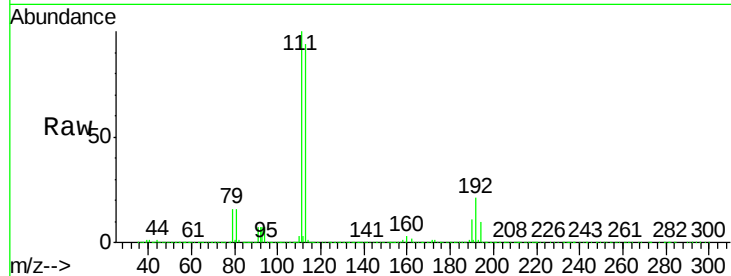
Tot Ion:113 Resp: 254090

Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

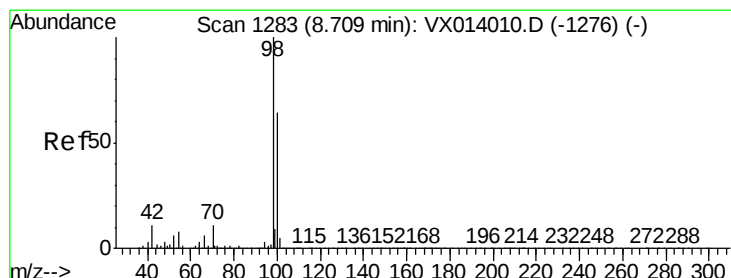
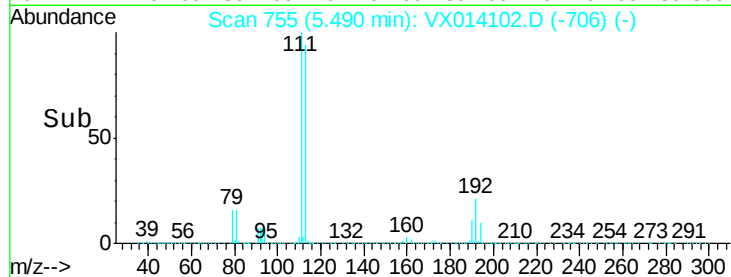
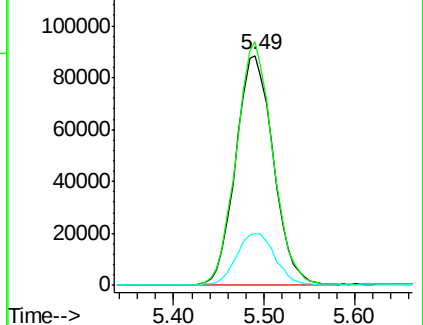
192 23.4 19.3 28.9



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: 50.032 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014102.D

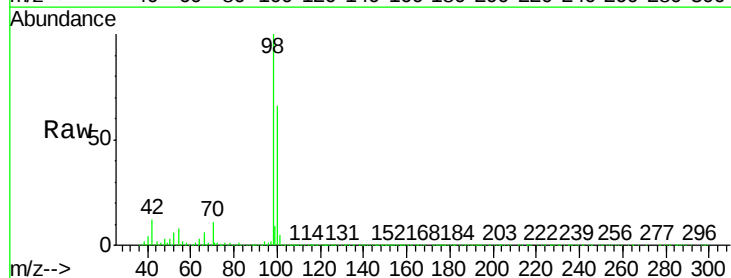
Acq: 18 Dec 2019 17:21

Tgt Ion: 98 Resp: 1001648

Ion Ratio Lower Upper

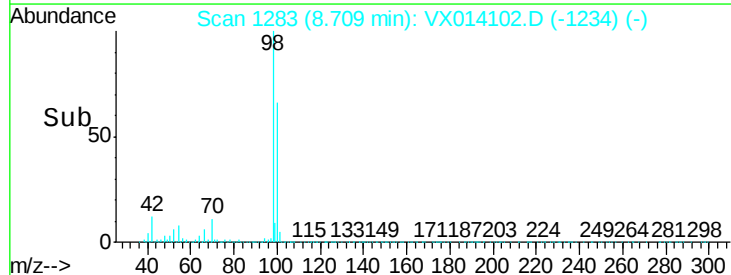
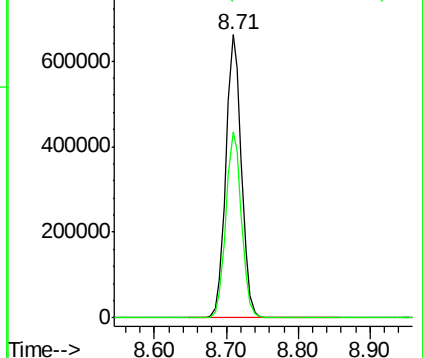
98 100

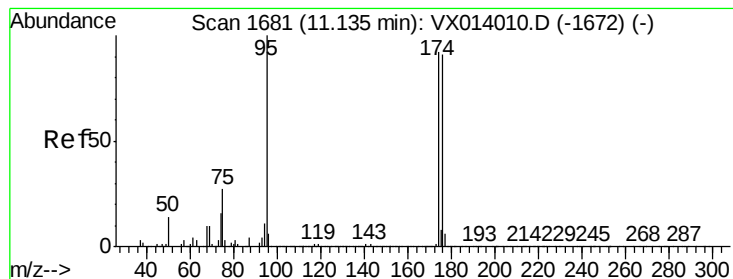
100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.684 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

Instrument :

MSVOA\_X

ClientSampleId :

SSI-MW-3

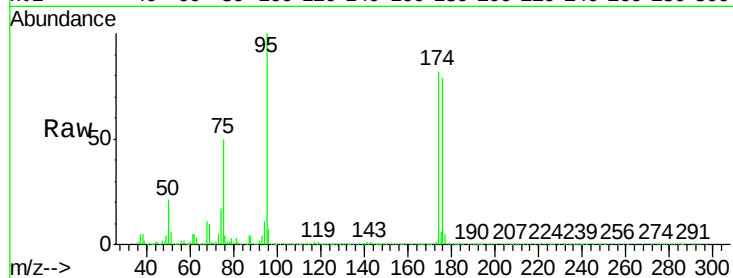
Tot Ion: 95 Resp: 334325

Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.8

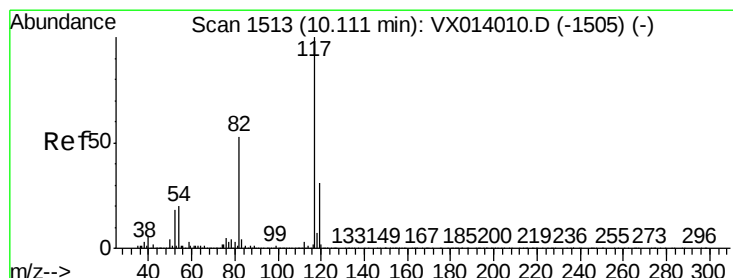
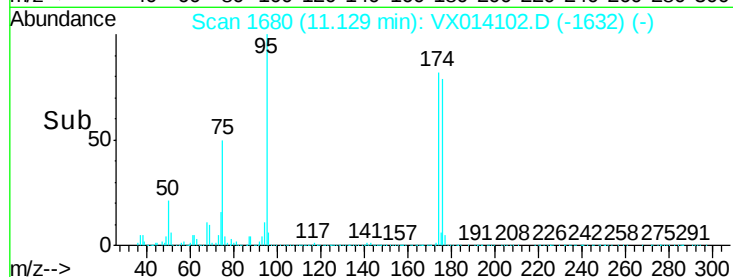
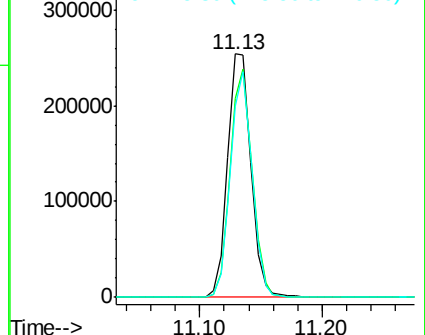
176 86.3 0.0 173.0



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: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

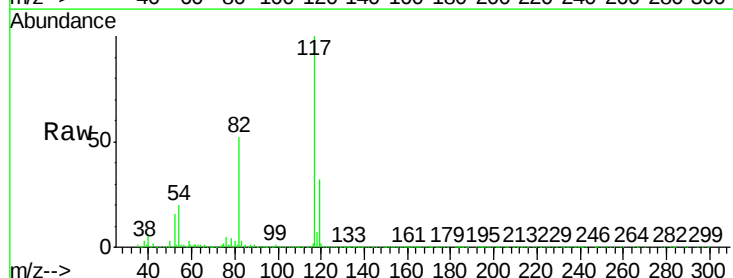
Tgt Ion: 117 Resp: 760975

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.4

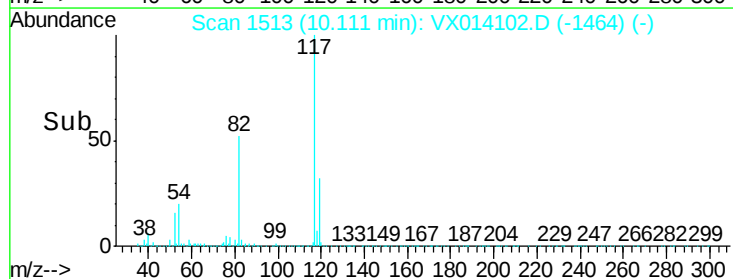
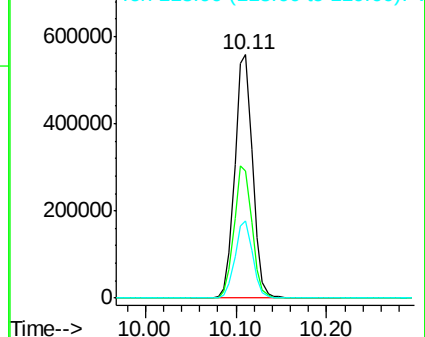
119 31.6 25.1 37.7

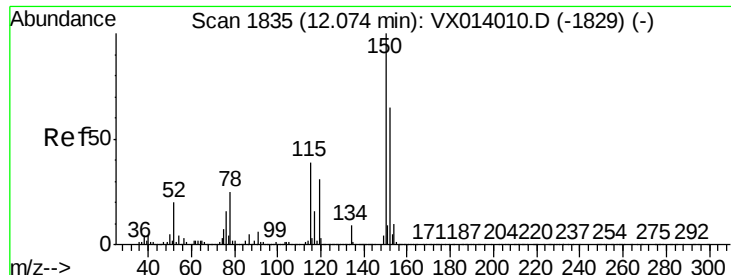


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX014102.D

Acq: 18 Dec 2019 17:21

Instrument :

MSVOA\_X

ClientSampleId :

SSI-MW-3

Tot Ion:152 Resp: 340401

Ion Ratio Lower Upper

152 100

115 54.6 38.3 114.9

150 155.4 0.0 345.4

