

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\  
 Data File : VN059762.D  
 Acq On : 17 Jan 2020 15:45  
 Operator : JC/MD  
 Sample : L1173-01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 0050-DECANT-H2O-COMP-2

Quant Time: Jan 18 01:39:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 14 08:58:21 2020  
 Response via : Initial Calibration

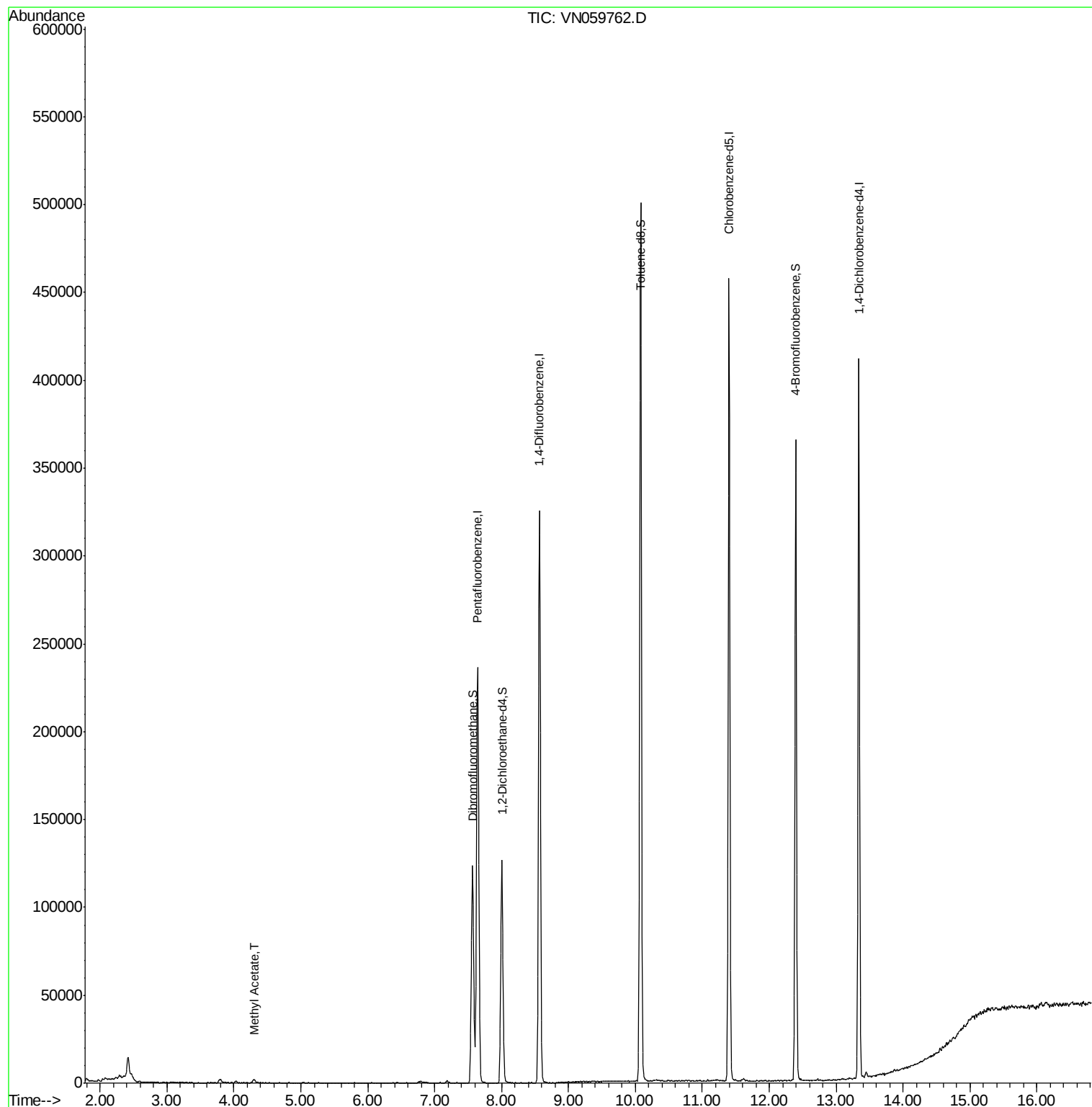
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 7.64  | 168  | 207588   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.57  | 114  | 309518   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.40 | 117  | 271469   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.34 | 152  | 112765   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.00  | 65   | 108004   | 46.85 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.70%  |           |
| 35) Dibromofluoromethane    | 7.57  | 113  | 93959    | 50.90 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.80% |           |
| 50) Toluene-d8              | 10.08 | 98   | 359678   | 50.29 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.58% |           |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 122518   | 47.52 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.04%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 18) Methyl Acetate          | 4.30  | 43   | 3725     | 1.383 | ug/l    | Qvalue 99 |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011720\  
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Acq On : 17 Jan 2020 15:45  
Operator : JC/MD  
Sample : L1173-01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
0050-DECANT-H2O-COMP-2

Quant Time: Jan 18 01:39:43 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 14 08:58:21 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059762.D

Acq: 17 Jan 2020 15:45

Instrument :

MSVOA\_N

ClientSampleId :

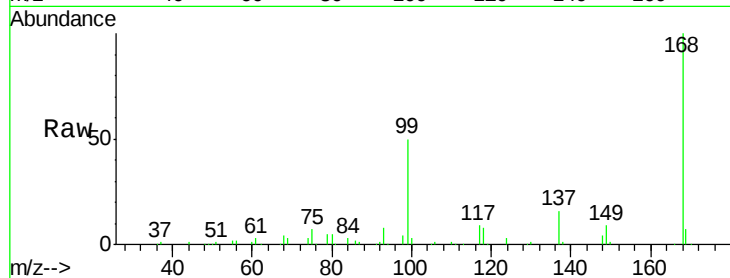
0050-DECANT-H2O-COMP-2

Tot Ion:168 Resp: 207588

Ion Ratio Lower Upper

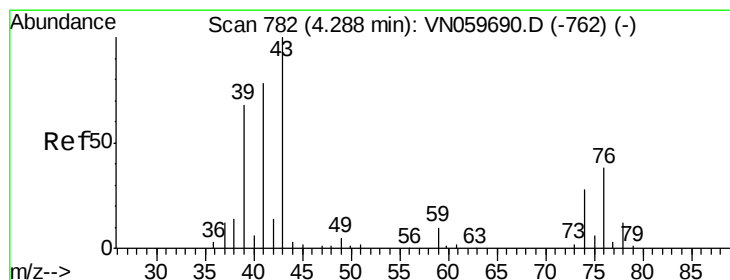
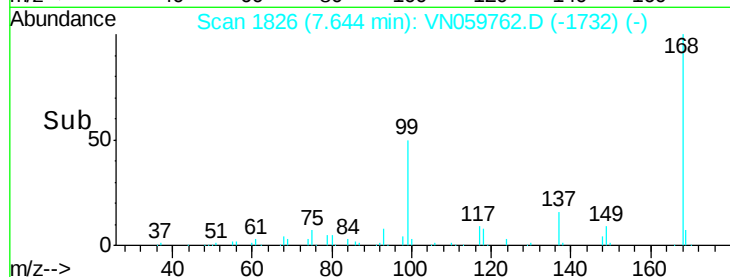
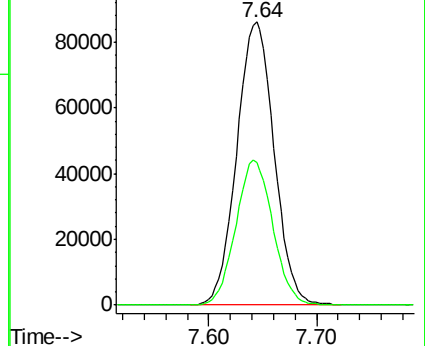
168 100

99 50.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059762.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059762.D (-1732) (-)



#18

Methyl Acetate

Concen: 1.383 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.01 min

Lab File: VN059762.D

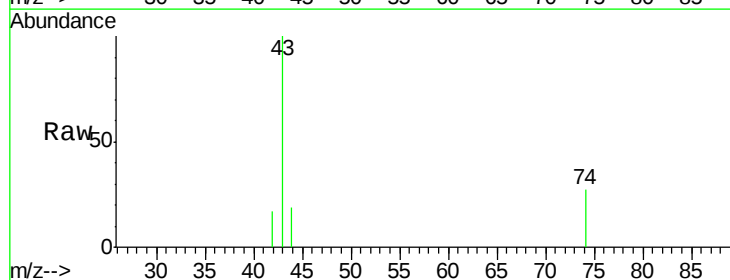
Acq: 17 Jan 2020 15:45

Tgt Ion: 43 Resp: 3725

Ion Ratio Lower Upper

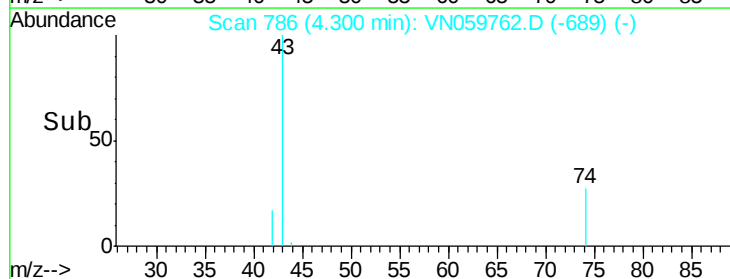
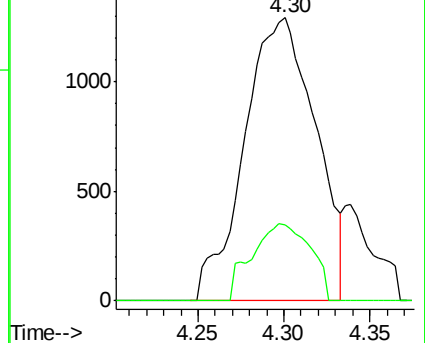
43 100

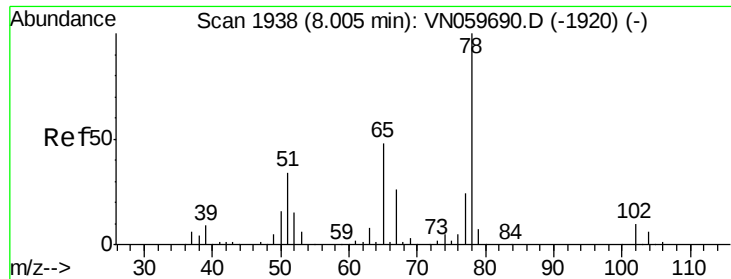
74 22.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN059762.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN059762.D (-689) (-)

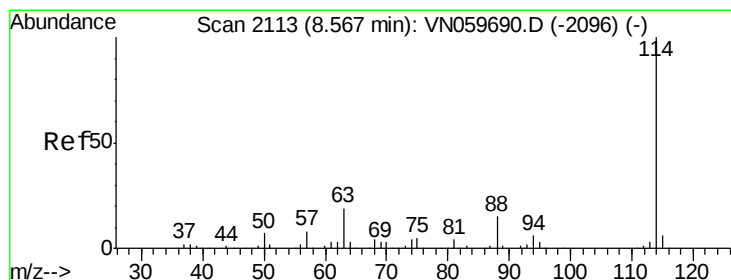
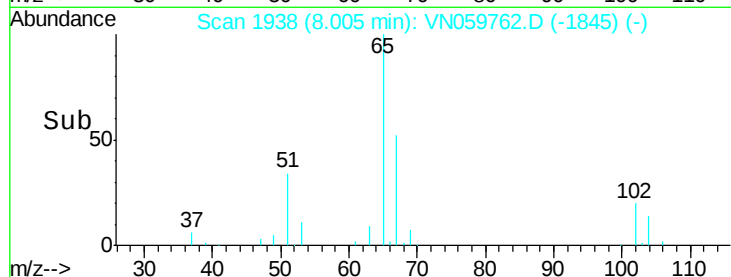
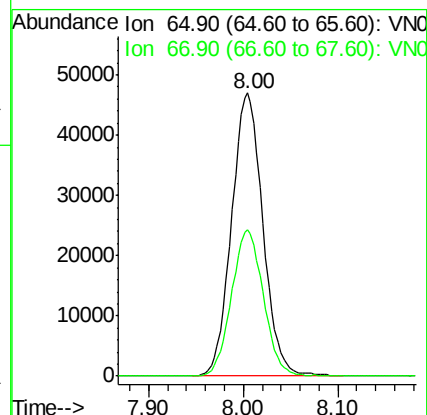
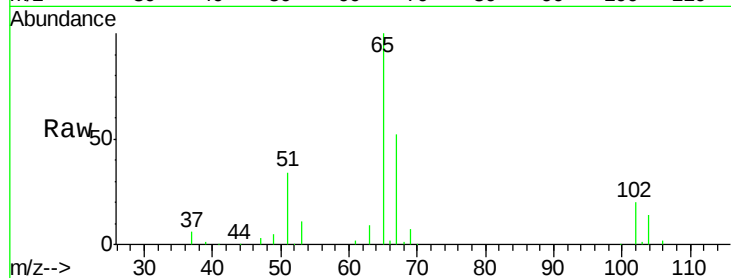




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.850 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: VN059762.D  
 Acq: 17 Jan 2020 15:45

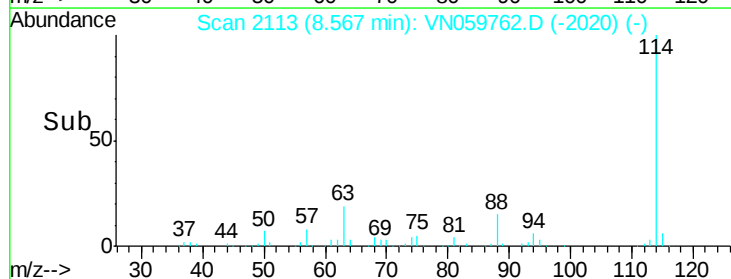
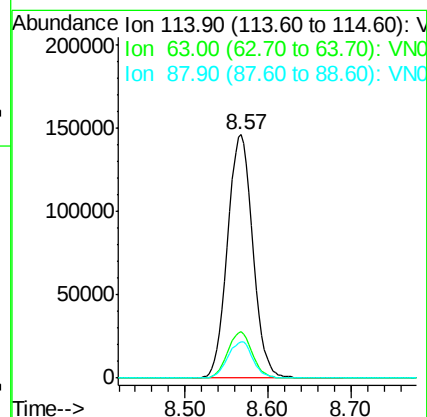
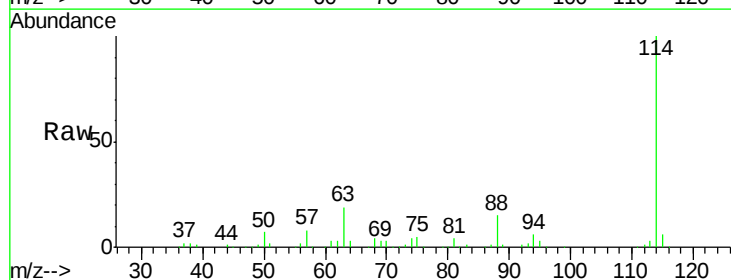
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 0050-DECANT-H2O-COMP-2

Tot Ion: 65 Resp: 108004  
 Ion Ratio Lower Upper  
 65 100  
 67 52.5 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN059762.D  
 Acq: 17 Jan 2020 15:45

Tgt Ion: 114 Resp: 309518  
 Ion Ratio Lower Upper  
 114 100  
 63 19.0 0.0 43.6  
 88 14.9 0.0 31.4

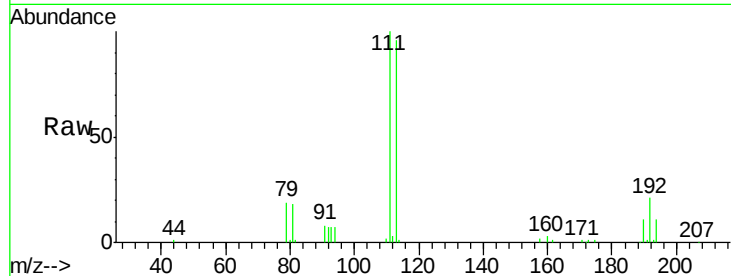




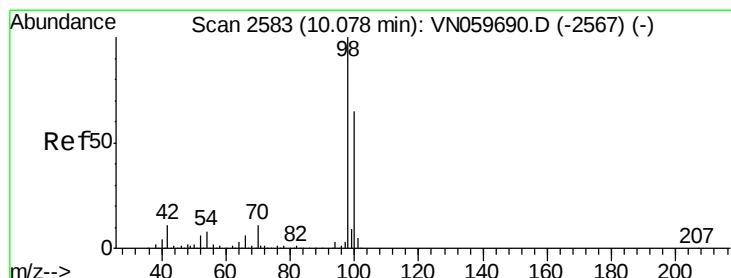
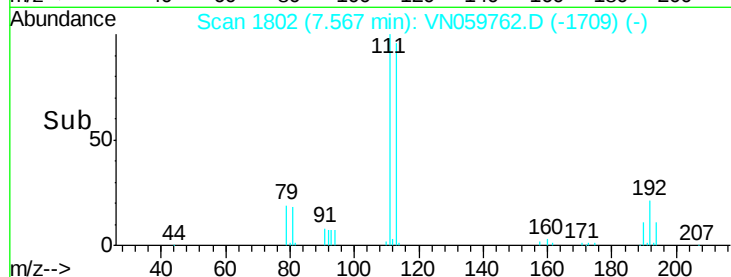
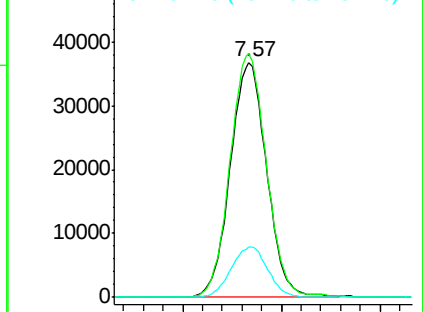
#35  
 Dibromofluoromethane  
 Concen: 50.904 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. 0.00 min  
 Lab File: VN059762.D  
 Acq: 17 Jan 2020 15:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 0050-DECANT-H2O-COMP-2

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.9 | 83.5  | 125.3 |
| 192     | 21.5  | 15.4  | 23.2  |

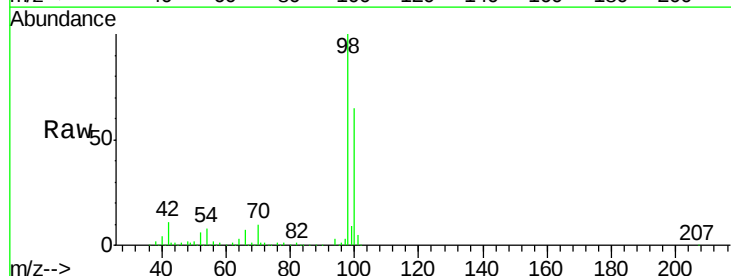


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

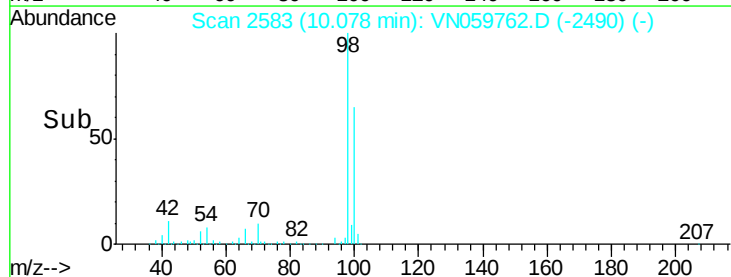
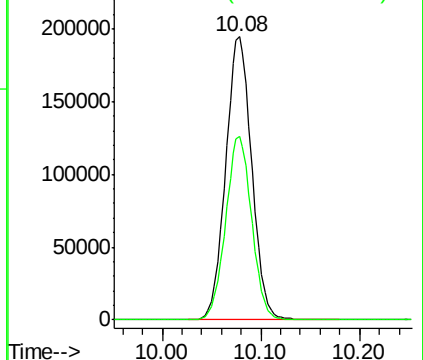


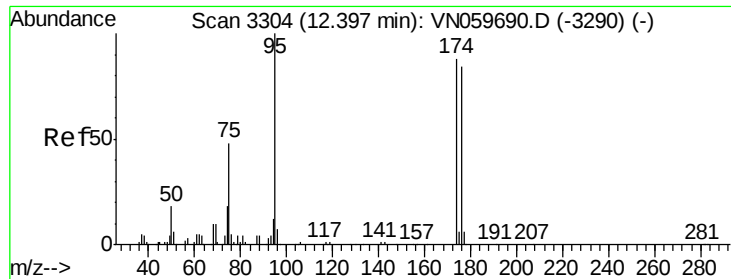
#50  
 Toluene-d8  
 Concen: 50.294 ug/l  
 RT: 10.08 min Scan# 2583  
 Delta R.T. -0.00 min  
 Lab File: VN059762.D  
 Acq: 17 Jan 2020 15:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.7  | 51.2  | 76.8  |



Abundance Ion 98.00 (97.70 to 98.70): V  
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.522 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059762.D

Acq: 17 Jan 2020 15:45

Instrument :

MSVOA\_N

ClientSampleId :

0050-DECANT-H2O-COMP-2

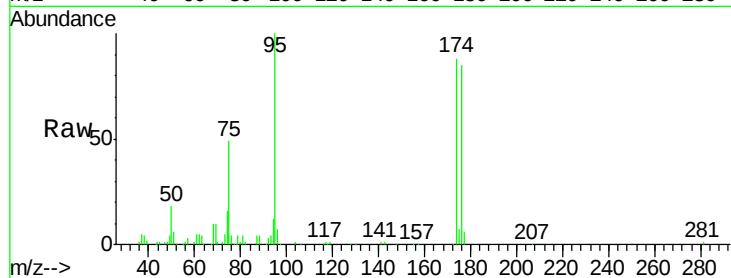
Tot Ion: 95 Resp: 122518

Ion Ratio Lower Upper

95 100

174 88.1 0.0 151.4

176 84.7 0.0 146.0

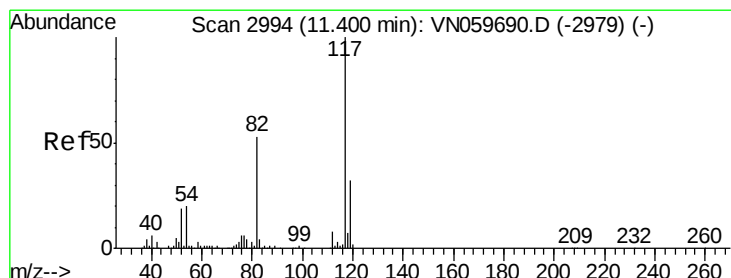
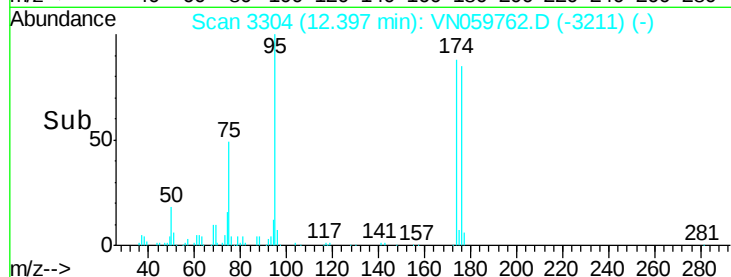


Abundance Ion 94.90 (94.60 to 95.60): VN059762.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN059762.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN059762.D (-3290) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059762.D

Acq: 17 Jan 2020 15:45

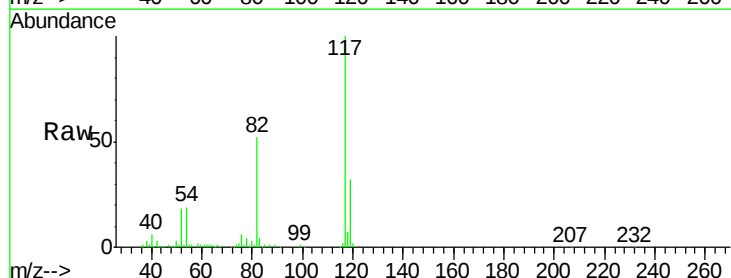
Tgt Ion: 117 Resp: 271469

Ion Ratio Lower Upper

117 100

82 52.1 45.9 68.9

119 31.6 25.5 38.3

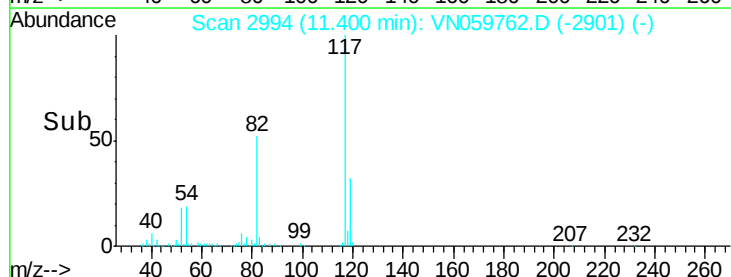


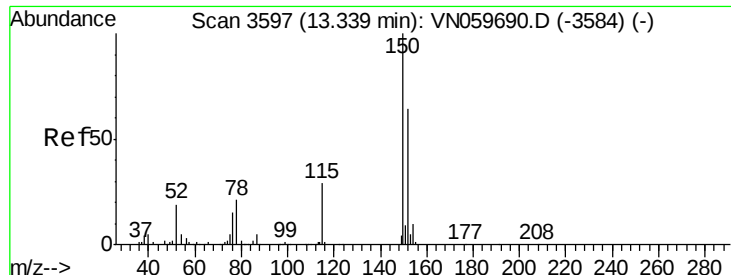
Abundance Ion 116.90 (116.60 to 117.60): VN059762.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059762.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059762.D (-2979) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN059762.D

Acq: 17 Jan 2020 15:45

Instrument :

MSVOA\_N

ClientSampleId :

0050-DECANT-H2O-COMP-2

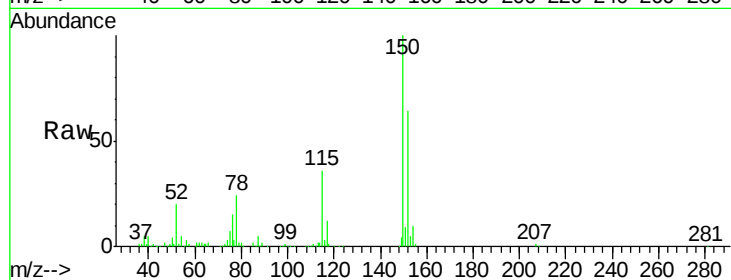
Tot Ion:152 Resp: 112765

Ion Ratio Lower Upper

152 100

115 57.4 30.3 90.9

150 157.6 0.0 345.2



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

