

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\  
 Data File : VN061335.D  
 Acq On : 7 May 2020 15:43  
 Operator : JC/MD  
 Sample : L2525-03  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DRUM-1-3

Quant Time: May 08 09:15:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 05 07:01:08 2020  
 Response via : Initial Calibration

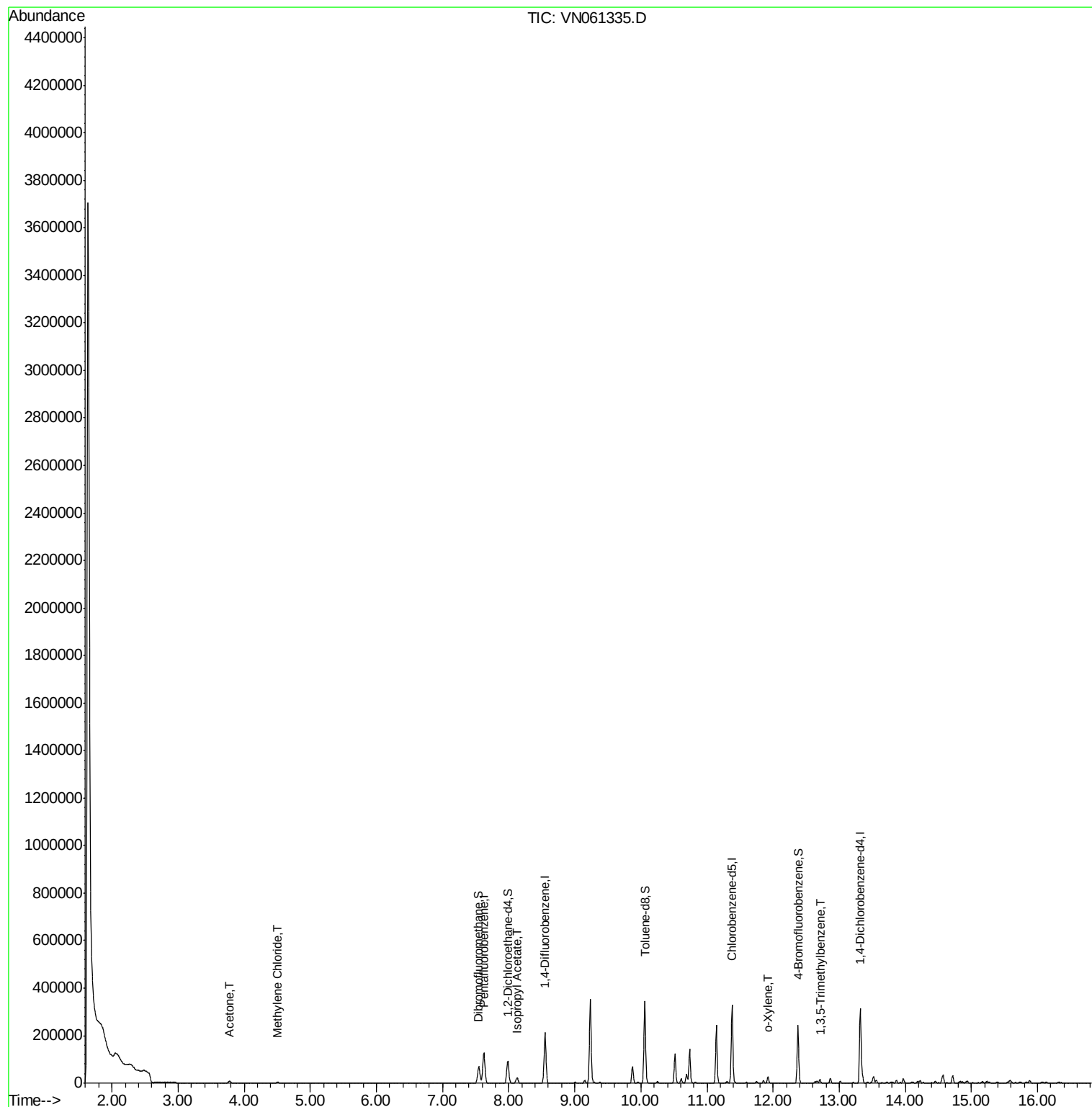
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 94524    | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 173567   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 174704   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 75585    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 81936    | 54.78  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 109.56% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 52869    | 51.51  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.02% |          |
| 50) Toluene-d8              | 10.06 | 98   | 224031   | 53.55  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 107.10% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 82763    | 52.57  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.14% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.78  | 43   | 13090    | 17.492 | ug/l    | 100      |
| 20) Methylene Chloride      | 4.51  | 84   | 2411     | 2.067  | ug/l    | 94       |
| 43) Isopropyl Acetate       | 8.13  | 43   | 28659    | 8.478  | ug/l #  | 91       |
| 69) o-Xylene                | 11.92 | 106  | 6571     | 2.881  | ug/l    | 97       |
| 80) 1,3,5-Trimethylbenzene  | 12.71 | 105  | 8708     | 1.893  | ug/l    | 99       |

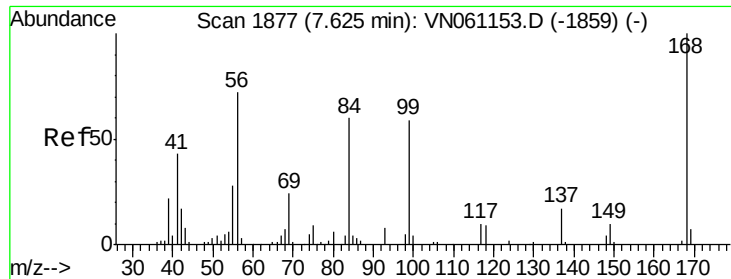
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L2525-03  
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042720W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 05 07:01:08 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061335.D

Acq: 7 May 2020 15:43

Instrument :

MSVOA\_N

ClientSampleId :

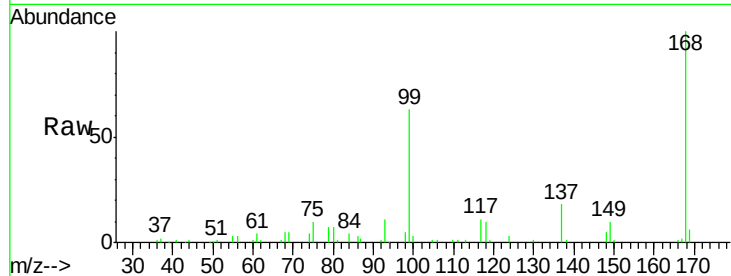
DRUM-1-3

Tot Ion:168 Resp: 94524

Ion Ratio Lower Upper

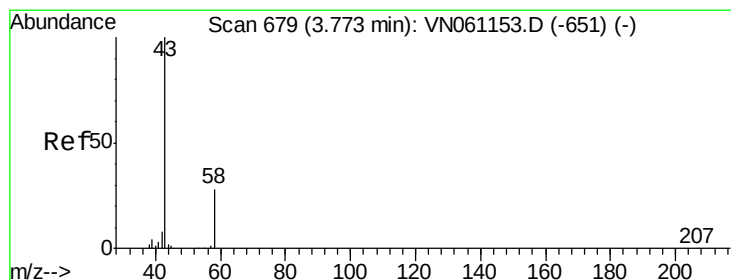
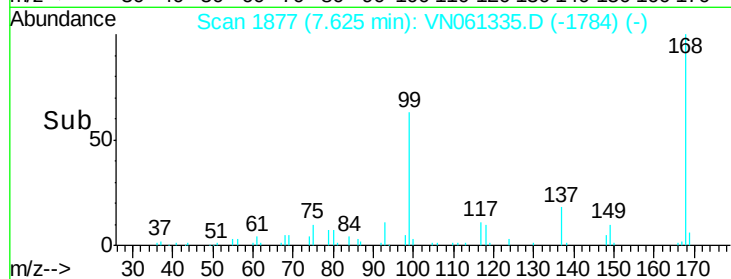
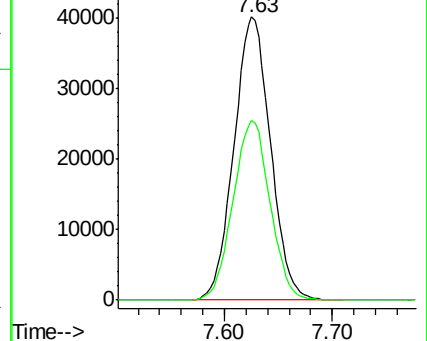
168 100

99 63.3 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 17.492 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061335.D

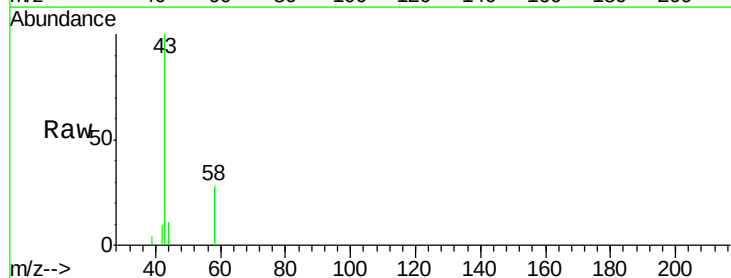
Acq: 7 May 2020 15:43

Tgt Ion: 43 Resp: 13090

Ion Ratio Lower Upper

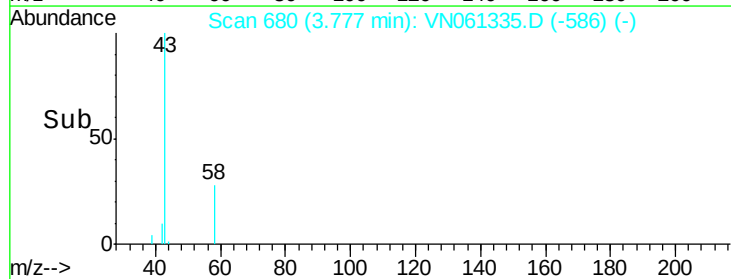
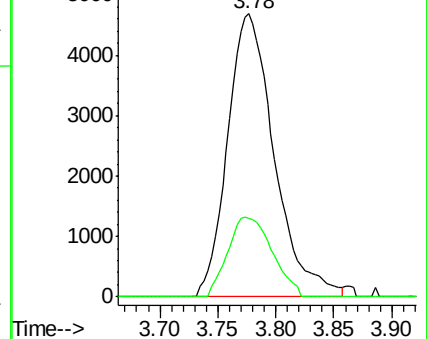
43 100

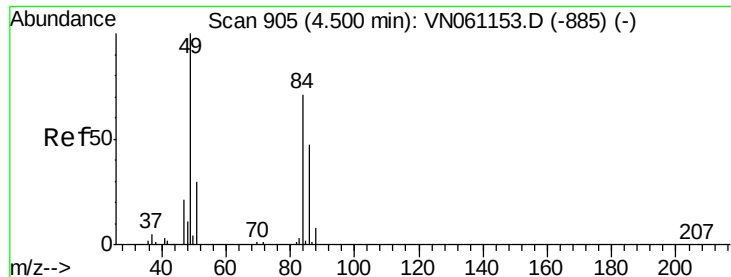
58 27.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

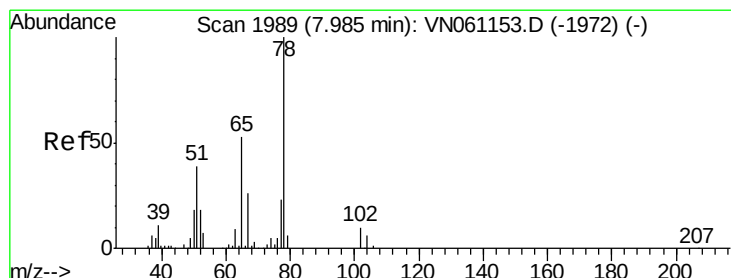
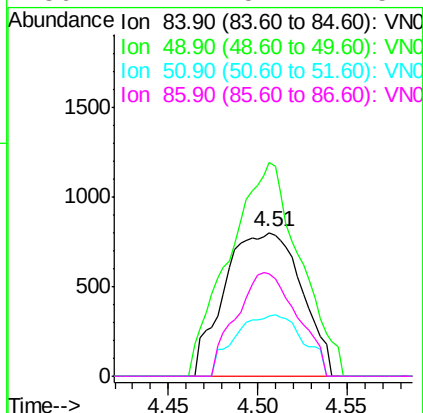
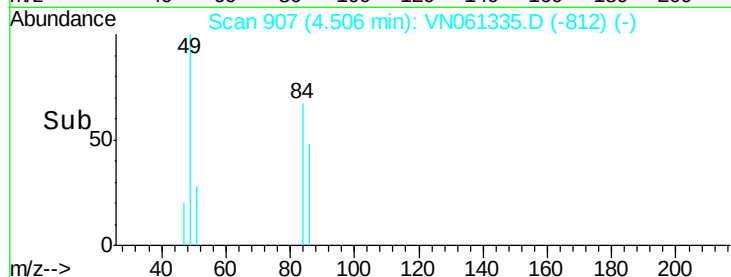
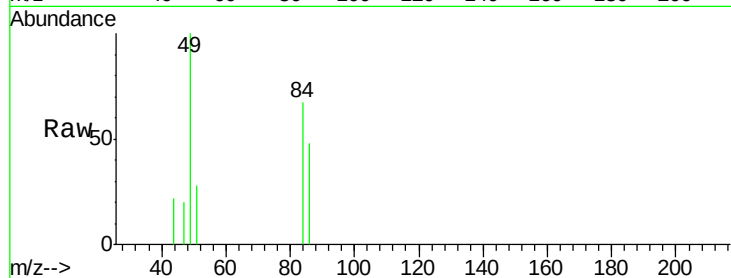




#20  
Methylene Chloride  
Concen: 2.067 ug/l  
RT: 4.51 min Scan# 907  
Delta R.T. 0.01 min  
Lab File: VN061335.D  
Acq: 7 May 2020 15:43

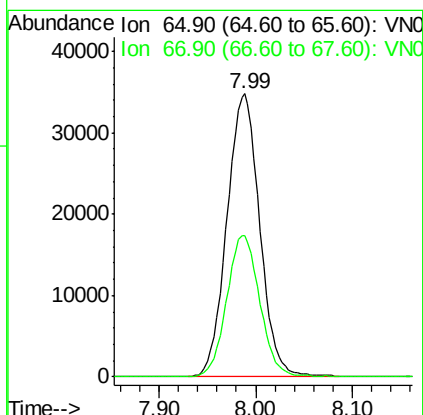
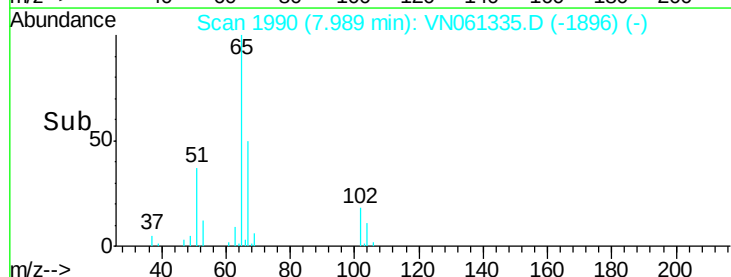
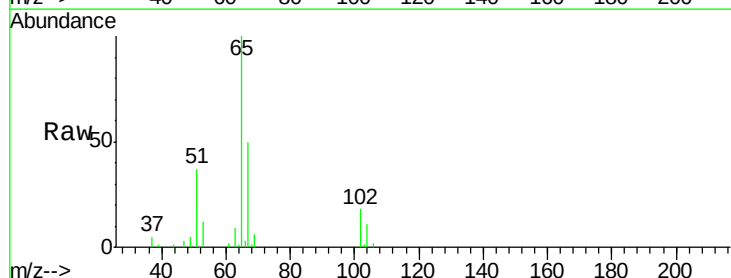
Instrument :  
MSVOA\_N  
ClientSampled :  
DRUM-1-3

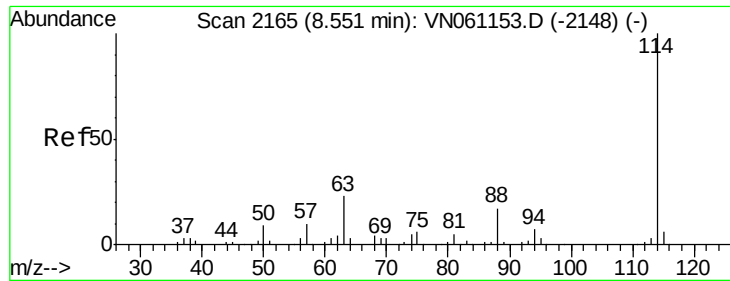
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 2411  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 148.9 | 112.0 | 168.0 |
| 51       | 42.2  | 33.6  | 50.4  |
| 86       | 71.7  | 52.1  | 78.1  |



#33  
1,2-Dichloroethane-d4  
Concen: 54.782 ug/l  
RT: 7.99 min Scan# 1990  
Delta R.T. 0.00 min  
Lab File: VN061335.D  
Acq: 7 May 2020 15:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 81936 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 50.1  | 0.0   | 101.6 |

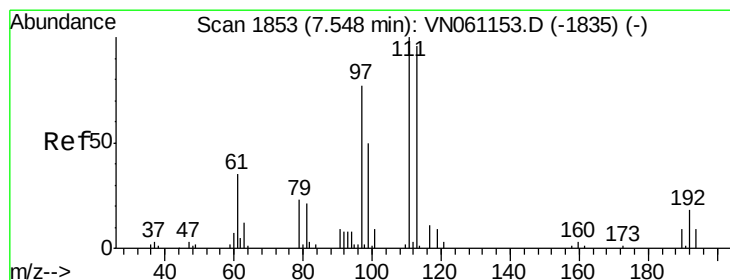
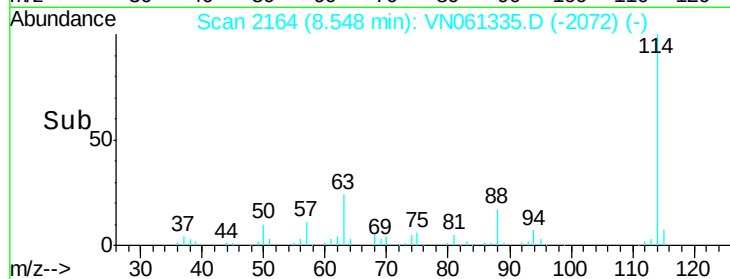
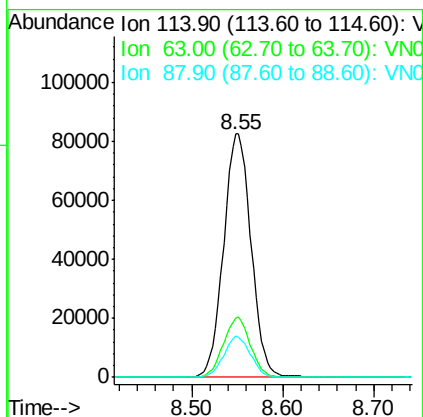
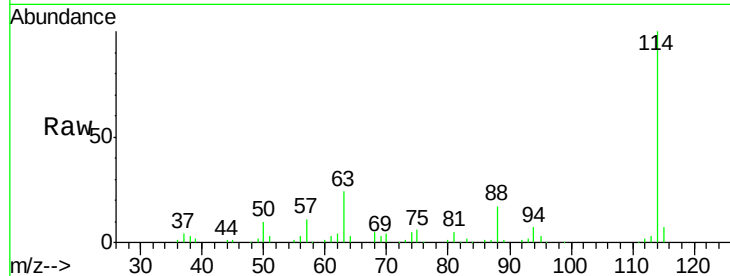




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2164  
 Delta R.T. -0.00 min  
 Lab File: VN061335.D  
 Acq: 7 May 2020 15:43

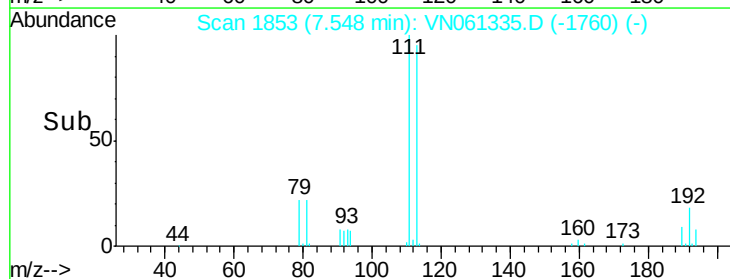
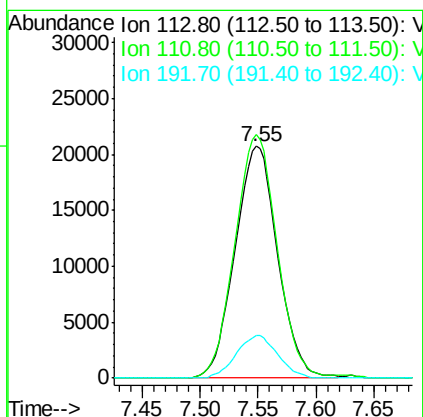
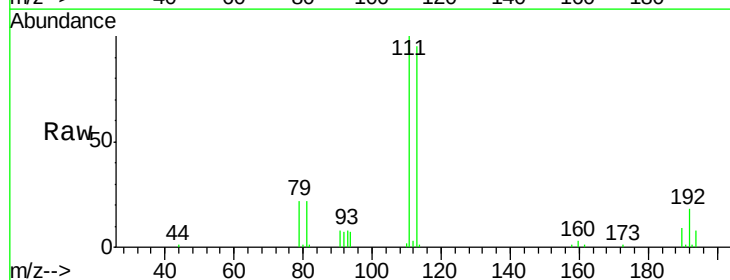
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 DRUM-1-3

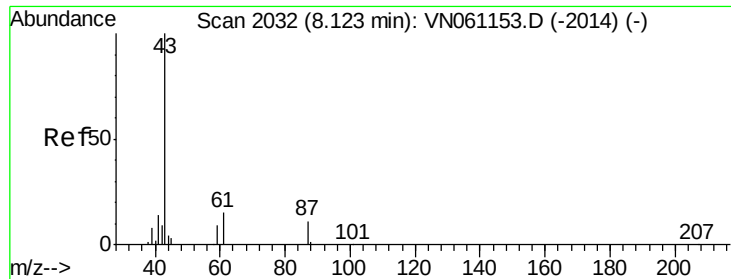
Tot Ion:114 Resp: 173567  
 Ion Ratio Lower Upper  
 114 100  
 63 24.5 0.0 46.6  
 88 16.8 0.0 33.4



#35  
 Dibromofluoromethane  
 Concen: 51.512 ug/l  
 RT: 7.55 min Scan# 1853  
 Delta R.T. 0.00 min  
 Lab File: VN061335.D  
 Acq: 7 May 2020 15:43

Tgt Ion:113 Resp: 52869  
 Ion Ratio Lower Upper  
 113 100  
 111 104.6 82.9 124.3  
 192 17.8 14.7 22.1





#43

Isopropyl Acetate

Concen: 8.478 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061335.D

Acq: 7 May 2020 15:43

Instrument :

MSVOA\_N

ClientSampleId :

DRUM-1-3

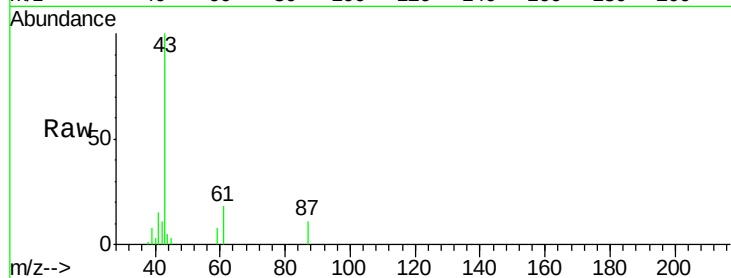
Tot Ion: 43 Resp: 28659

Ion Ratio Lower Upper

43 100

61 18.0 19.5 29.3#

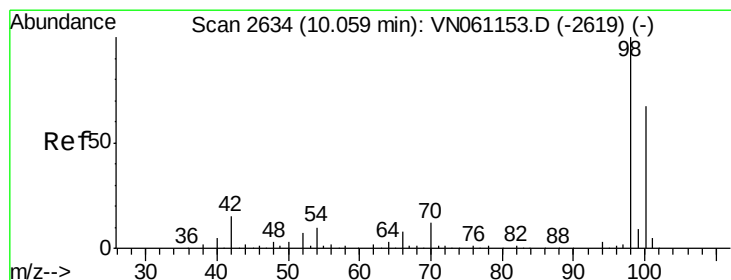
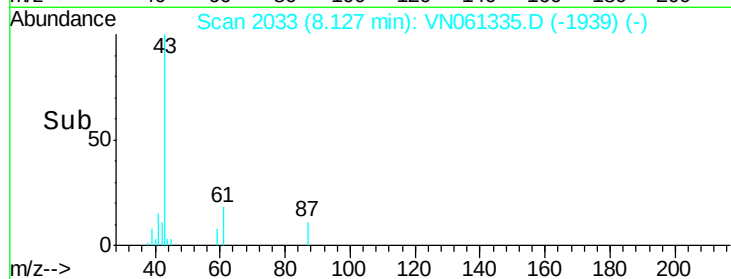
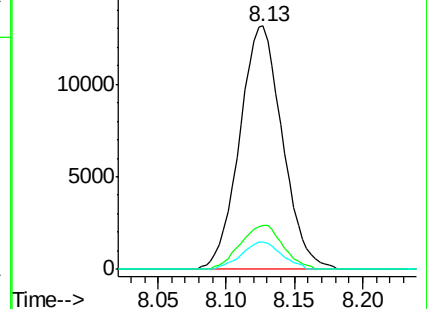
87 10.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 53.546 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061335.D

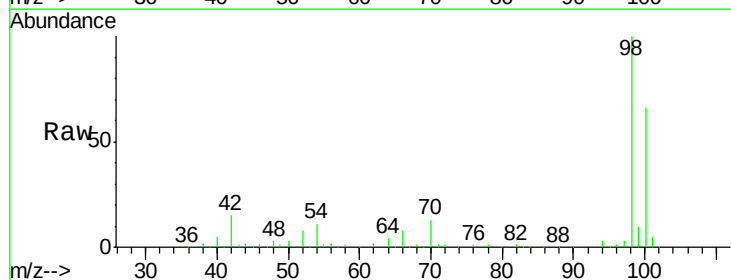
Acq: 7 May 2020 15:43

Tgt Ion: 98 Resp: 224031

Ion Ratio Lower Upper

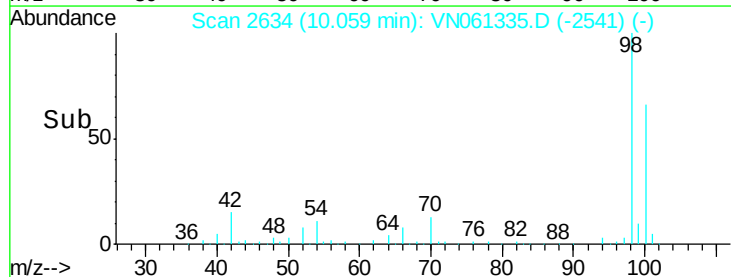
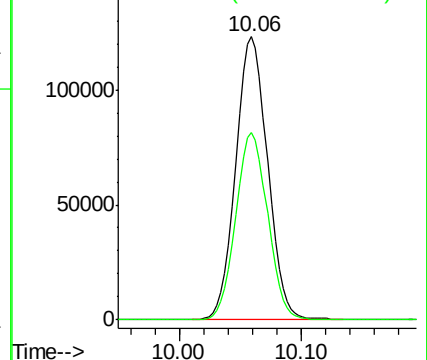
98 100

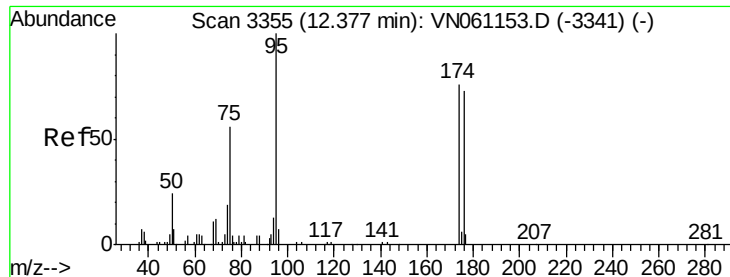
100 66.3 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.566 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061335.D

Acq: 7 May 2020 15:43

Instrument :

MSVOA\_N

ClientSampleId :

DRUM-1-3

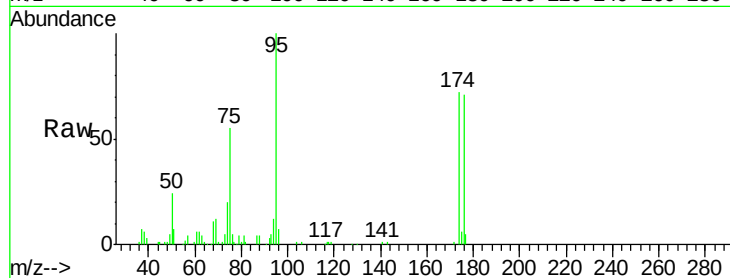
Tot Ion: 95 Resp: 82763

Ion Ratio Lower Upper

95 100

174 72.6 0.0 149.4

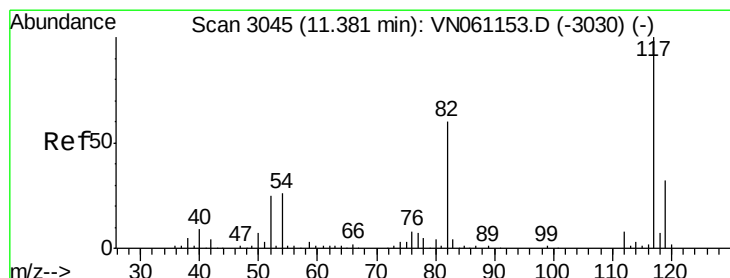
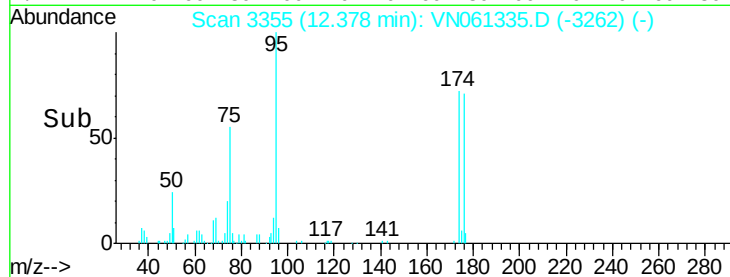
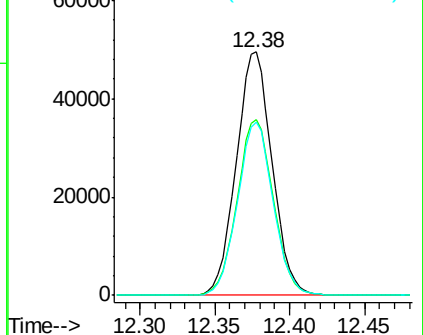
176 70.6 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061335.D

Acq: 7 May 2020 15:43

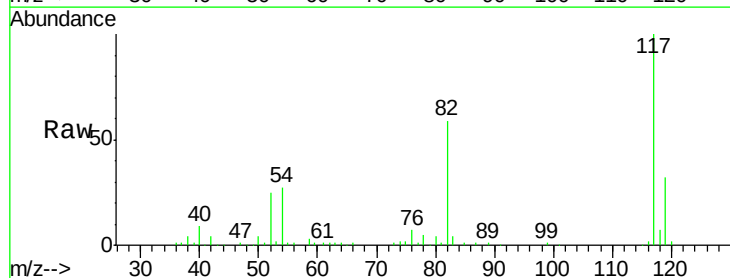
Tgt Ion: 117 Resp: 174704

Ion Ratio Lower Upper

117 100

82 59.4 47.8 71.8

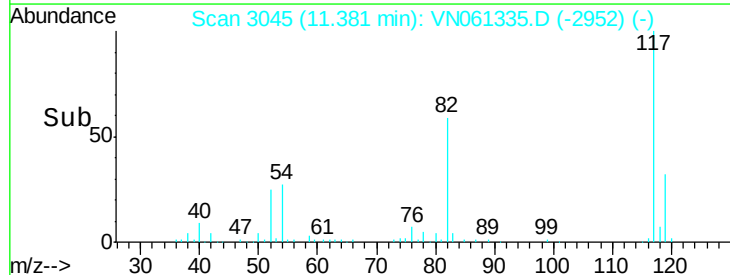
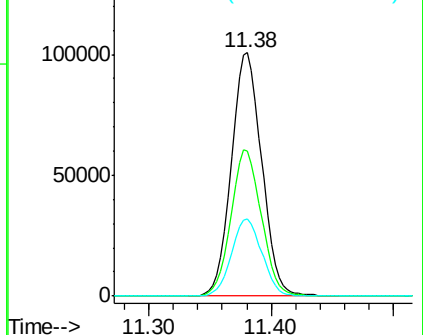
119 31.8 25.8 38.6

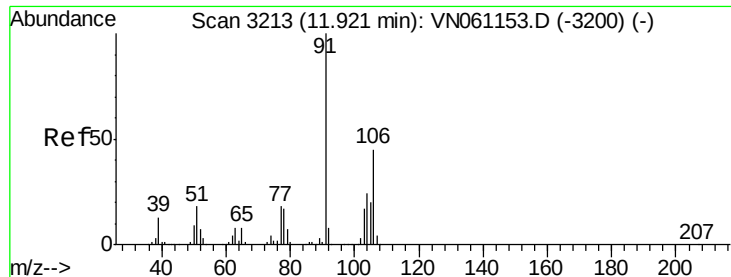


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

Ion 82.00 (81.70 to 82.70): VN061153.D (-3030) (-)

Ion 118.90 (118.60 to 119.60): VN061153.D (-3030) (-)

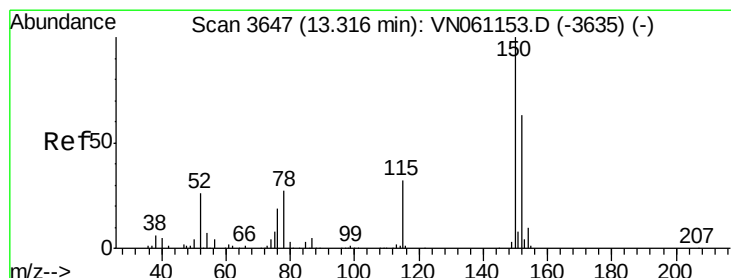
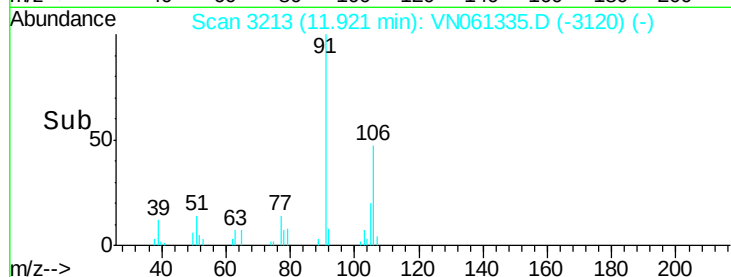
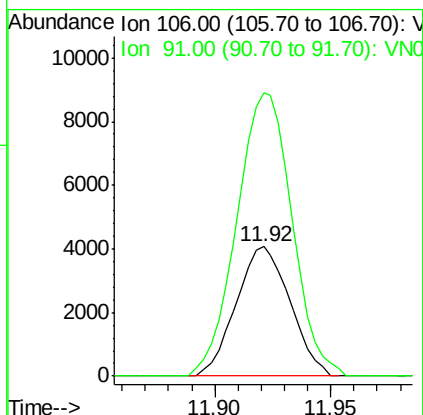
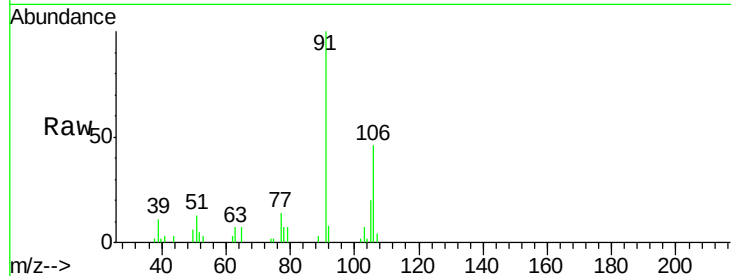




#69  
o-Xylene  
Concen: 2.881 ug/l  
RT: 11.92 min Scan# 3213  
Delta R.T. 0.00 min  
Lab File: VN061335.D  
Acq: 7 May 2020 15:43

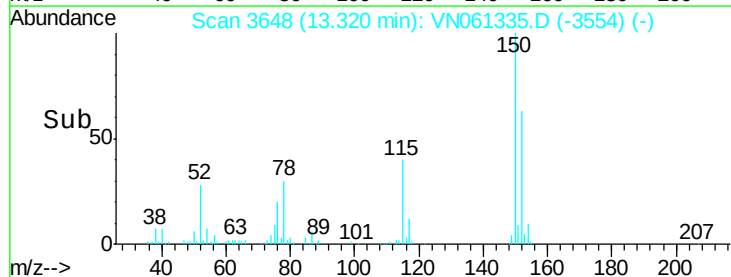
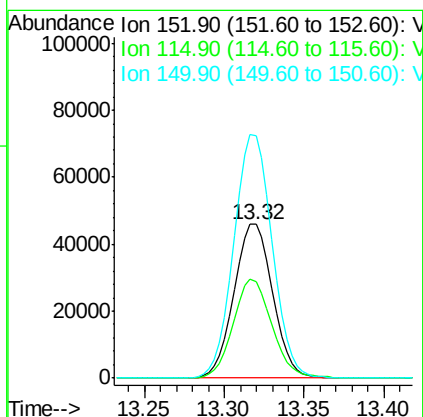
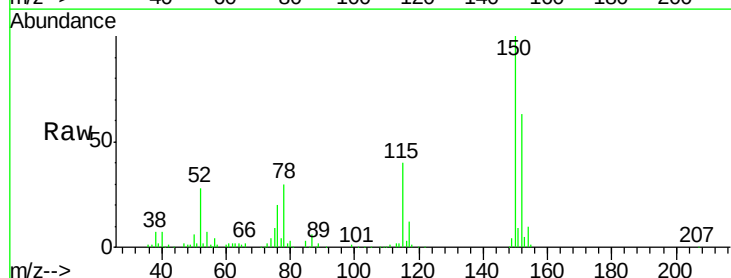
Instrument :  
MSVOA\_N  
ClientSampleId :  
DRUM-1-3

Tot Ion:106 Resp: 6571  
Ion Ratio Lower Upper  
106 100  
91 224.2 109.7 329.0

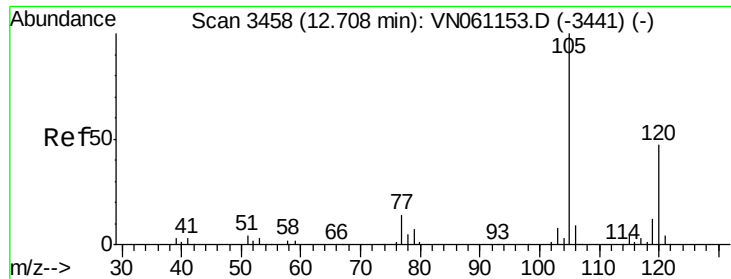


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3648  
Delta R.T. 0.00 min  
Lab File: VN061335.D  
Acq: 7 May 2020 15:43

Tgt Ion:152 Resp: 75585  
Ion Ratio Lower Upper  
152 100  
115 64.2 31.0 93.0  
150 157.1 0.0 351.8







#80

1,3,5-Trimethylbenzene

Concen: 1.893 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061335.D

Acq: 7 May 2020 15:43

Instrument :

MSVOA\_N

ClientSampleId :

DRUM-1-3

Tot Ion:105 Resp: 8708

Ion Ratio Lower Upper

105 100

120 48.6 23.9 71.7

