

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061322\  
 Data File : VN072819.D  
 Acq On : 14 Jun 2022 01:24  
 Operator : JC\MD  
 Sample : N3301-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-SO-20220609

Quant Time: Jun 14 05:24:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061322W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 13 17:28:28 2022  
 Response via : Initial Calibration

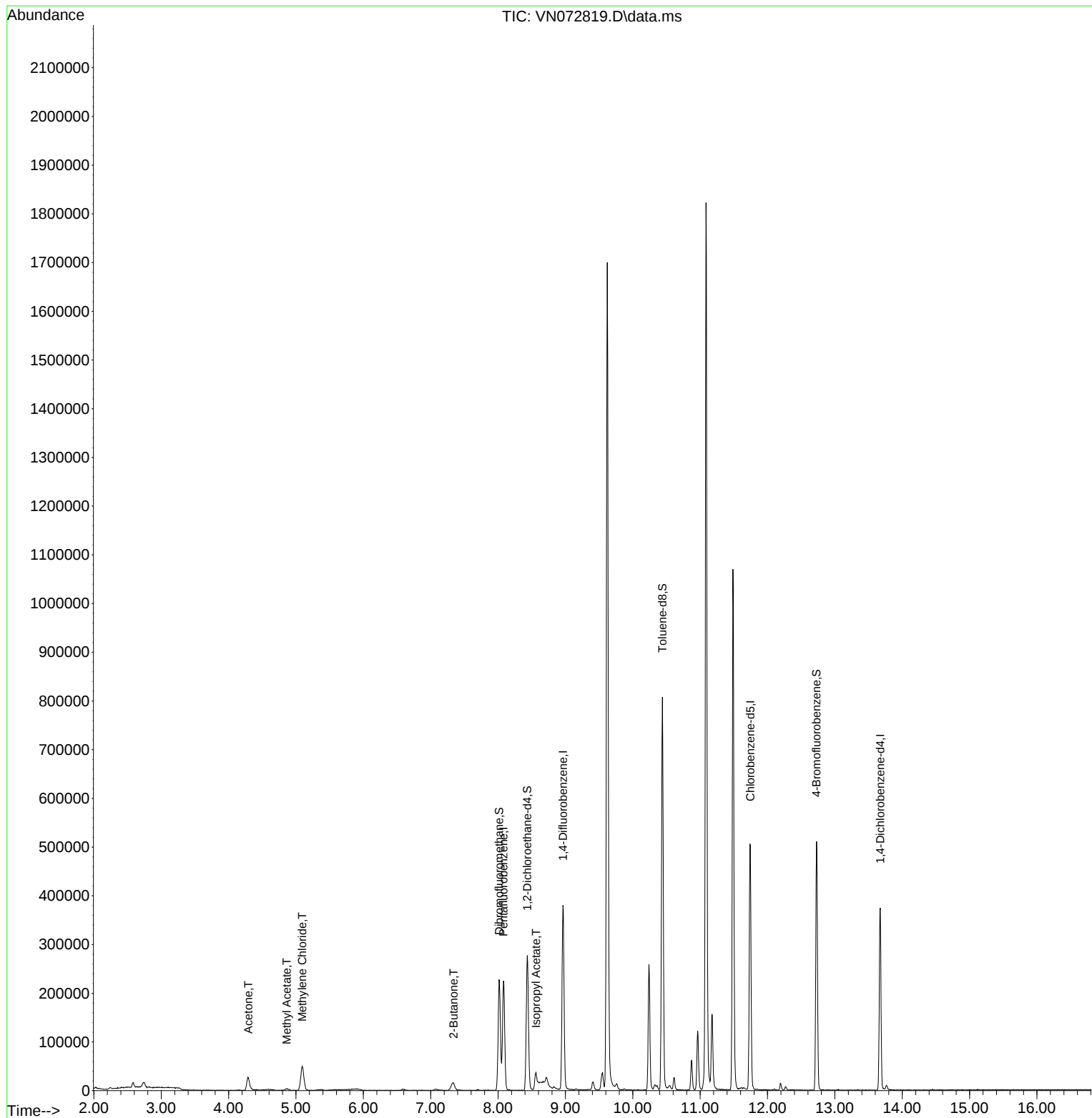
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.081     | 168   | 141641   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.963     | 114   | 297086   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.745    | 117   | 266872   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.674    | 152   | 89202    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.433     | 65    | 230036   | 58.006   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =      | 116.020% |
| 35) Dibromofluoromethane    | 8.016     | 113   | 160016   | 54.082   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =      | 108.160% |
| 50) Toluene-d8              | 10.439    | 98    | 518947   | 43.673   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =      | 87.340%  |
| 62) 4-Bromofluorobenzene    | 12.727    | 95    | 174422   | 41.538   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =      | 83.080%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.293     | 43    | 52276    | 29.027   | ug/l   | # 87     |
| 18) Methyl Acetate          | 4.863     | 43    | 7840     | 1.656    | ug/l   | # 60     |
| 20) Methylene Chloride      | 5.092     | 84    | 36586    | 13.985   | ug/l   | # 87     |
| 25) 2-Butanone              | 7.339     | 43    | 22043    | 7.803    | ug/l   | 93       |
| 43) Isopropyl Acetate       | 8.563     | 43    | 48178    | 4.941    | ug/l   | # 77     |
| -----                       |           |       |          |          |        |          |

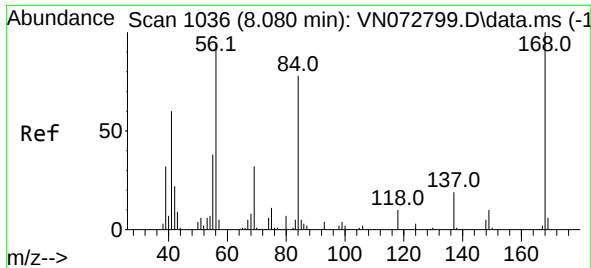
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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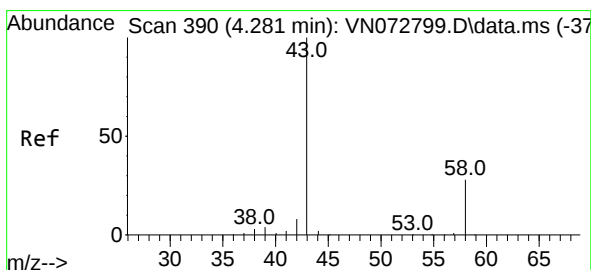
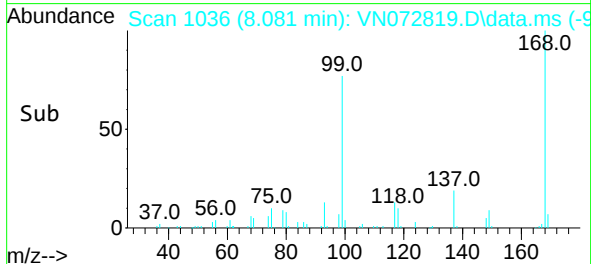
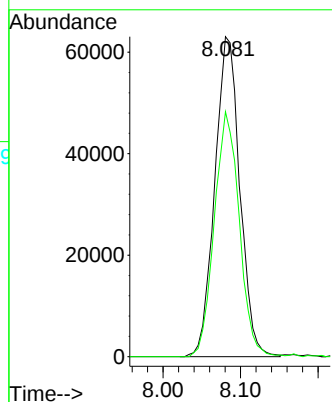
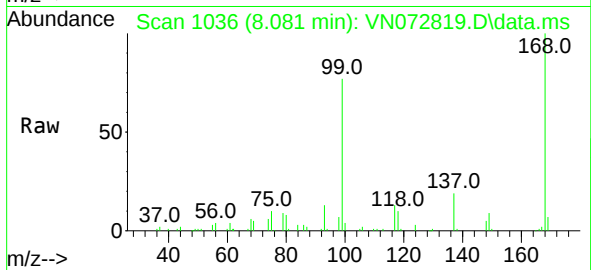




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. 0.001 min  
Lab File: VN072819.D  
Acq: 14 Jun 2022 01:24

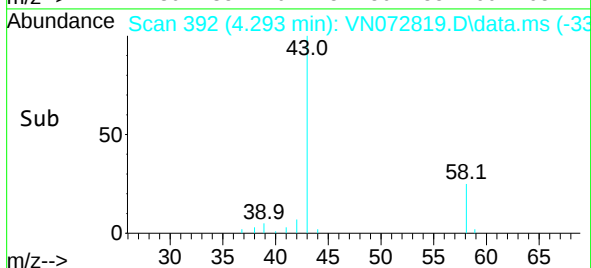
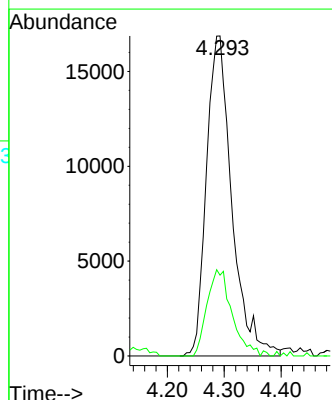
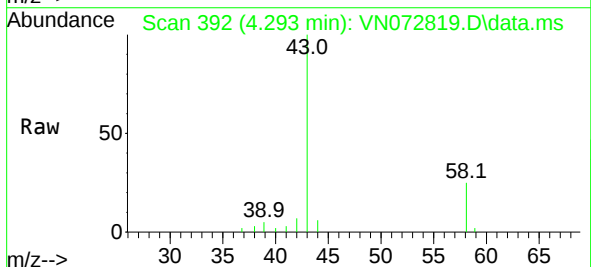
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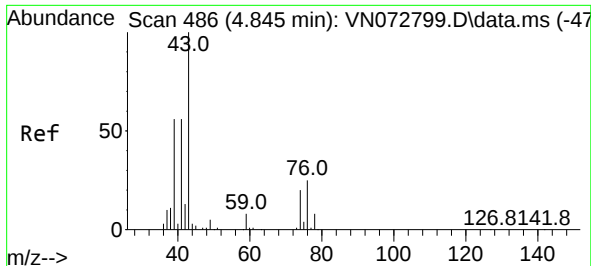
Tgt Ion:168 Resp: 141641  
Ion Ratio Lower Upper  
168 100  
99 76.6 42.3 63.5#



#16  
Acetone  
Concen: 29.027 ug/l  
RT: 4.293 min Scan# 392  
Delta R.T. 0.012 min  
Lab File: VN072819.D  
Acq: 14 Jun 2022 01:24

Tgt Ion: 43 Resp: 52276  
Ion Ratio Lower Upper  
43 100  
58 25.3 26.0 39.0#

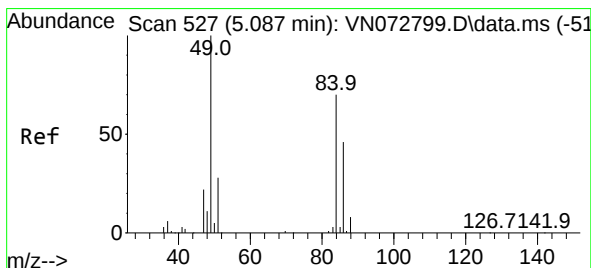
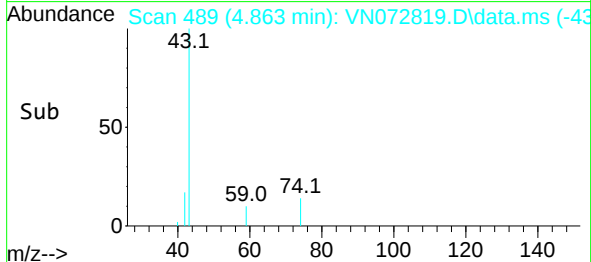
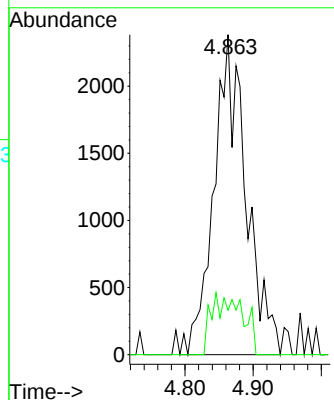
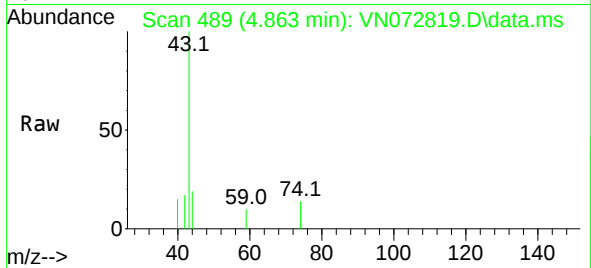




#18  
Methyl Acetate  
Concen: 1.656 ug/l  
RT: 4.863 min Scan# 489  
Delta R.T. 0.018 min  
Lab File: VN072819.D  
Acq: 14 Jun 2022 01:24

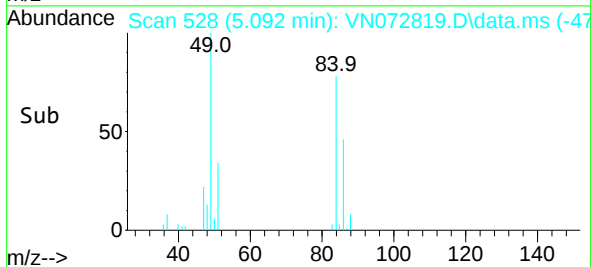
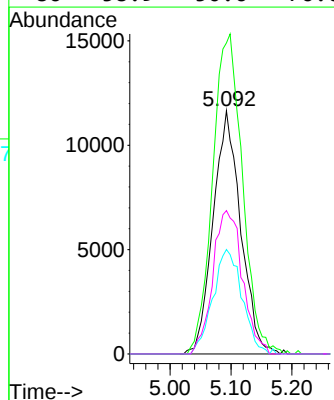
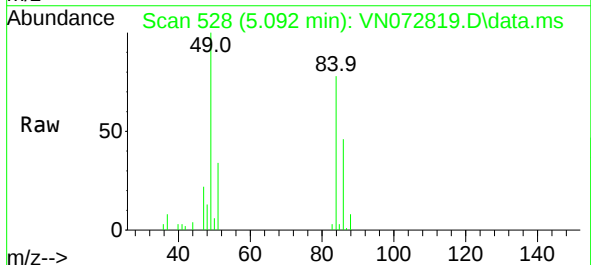
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ClientSampleId :  
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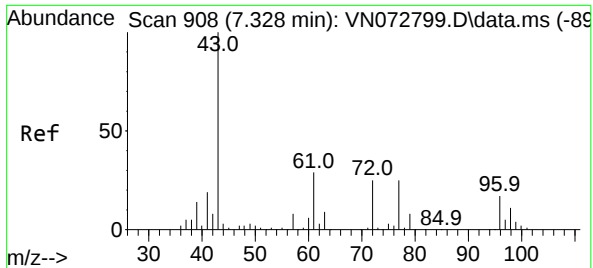
Tgt Ion: 43 Resp: 7840  
Ion Ratio Lower Upper  
43 100  
74 6.1 21.6 32.4#



#20  
Methylene Chloride  
Concen: 13.985 ug/l  
RT: 5.092 min Scan# 528  
Delta R.T. 0.005 min  
Lab File: VN072819.D  
Acq: 14 Jun 2022 01:24

Tgt Ion: 84 Resp: 36586  
Ion Ratio Lower Upper  
84 100  
49 127.9 88.3 132.5  
51 43.0 28.2 42.2#  
86 58.9 50.6 76.0

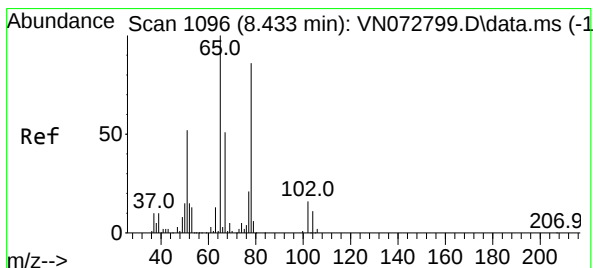
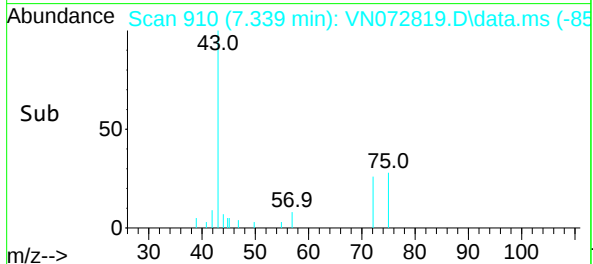
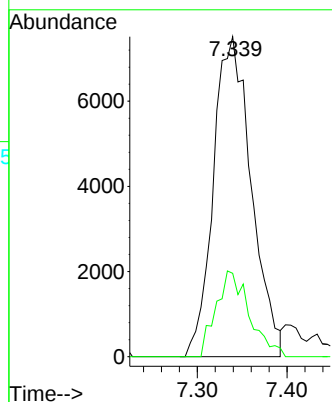
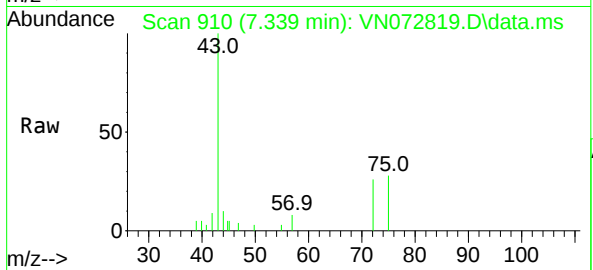




#25  
2-Butanone  
Concen: 7.803 ug/l  
RT: 7.339 min Scan# 910  
Delta R.T. 0.011 min  
Lab File: VN072819.D  
Acq: 14 Jun 2022 01:24

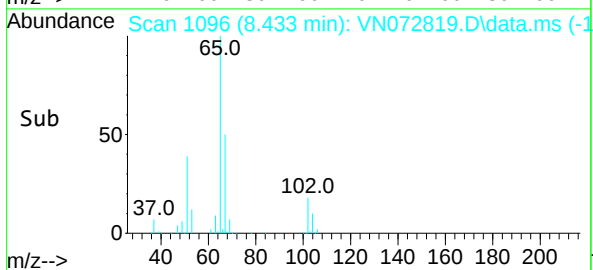
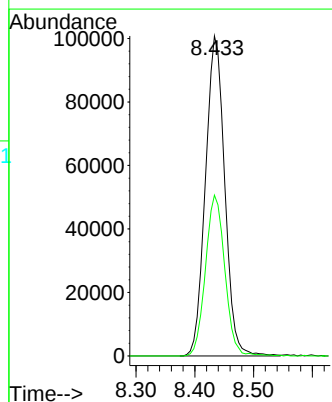
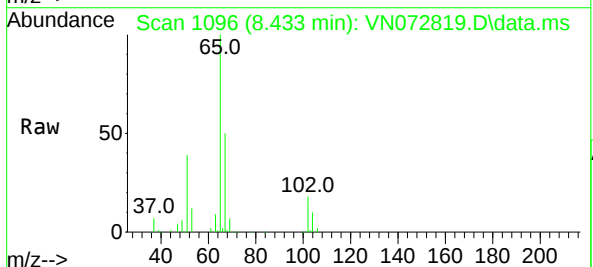
Instrument :  
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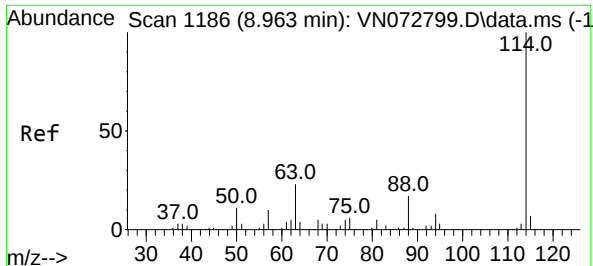
Tgt Ion: 43 Resp: 22043  
Ion Ratio Lower Upper  
43 100  
72 26.1 23.7 35.5



#33  
1,2-Dichloroethane-d4  
Concen: 58.006 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. 0.000 min  
Lab File: VN072819.D  
Acq: 14 Jun 2022 01:24

Tgt Ion: 65 Resp: 230036  
Ion Ratio Lower Upper  
65 100  
67 50.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072819.D

Acq: 14 Jun 2022 01:24

Instrument :

MSVOA\_N

ClientSampleId :

WC-SO-20220609

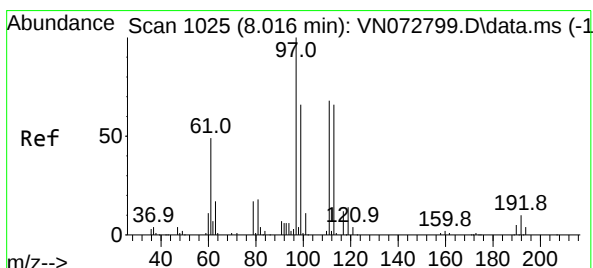
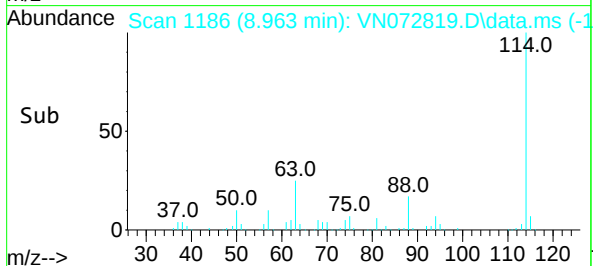
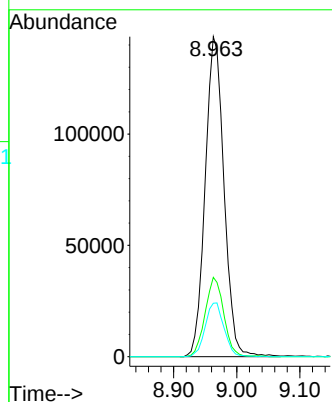
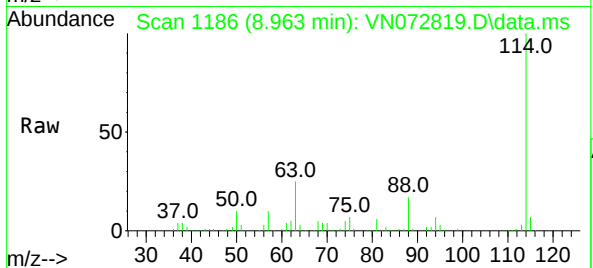
Tgt Ion:114 Resp: 297086

Ion Ratio Lower Upper

114 100

63 24.8 0.0 40.0

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.082 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072819.D

Acq: 14 Jun 2022 01:24

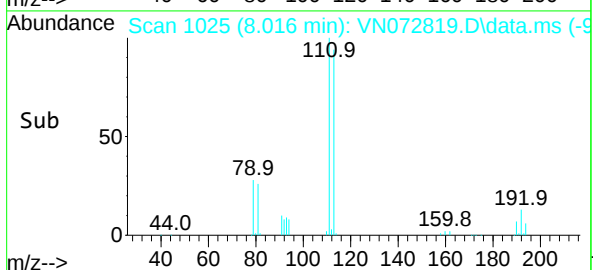
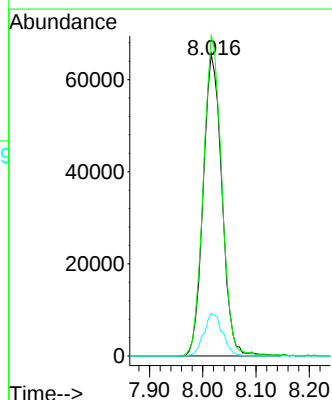
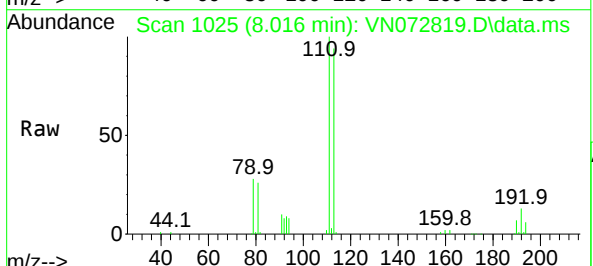
Tgt Ion:113 Resp: 160016

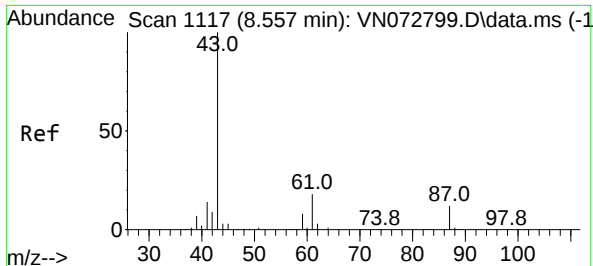
Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 14.1 17.0 25.6#





#43

Isopropyl Acetate

Concen: 4.941 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN072819.D

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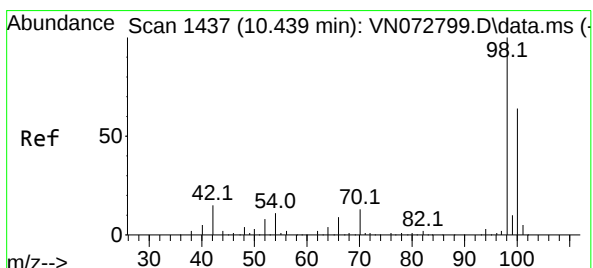
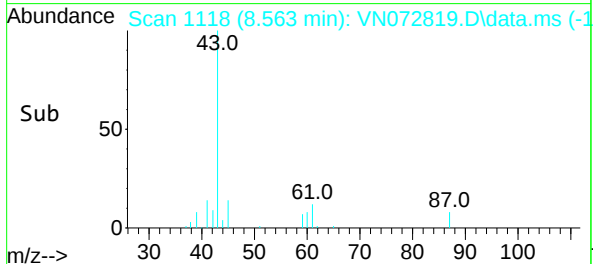
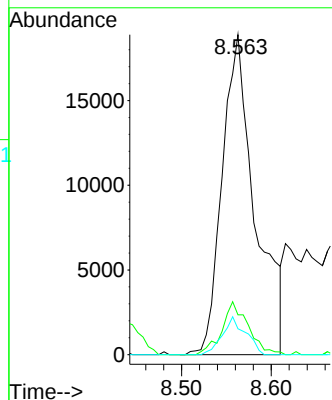
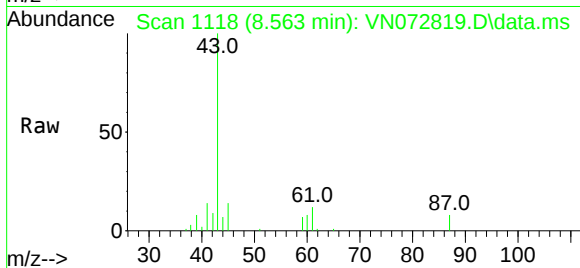
Tgt Ion: 43 Resp: 48178

Ion Ratio Lower Upper

43 100

61 13.2 21.9 32.9#

87 8.4 12.0 18.0#



#50

Toluene-d8

Concen: 43.673 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072819.D

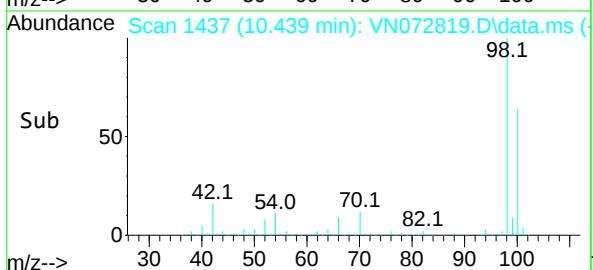
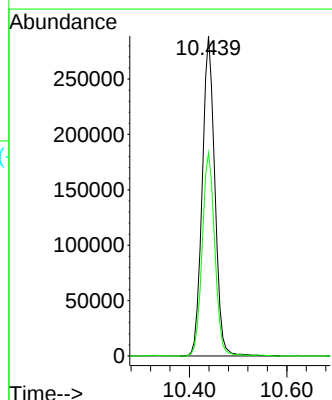
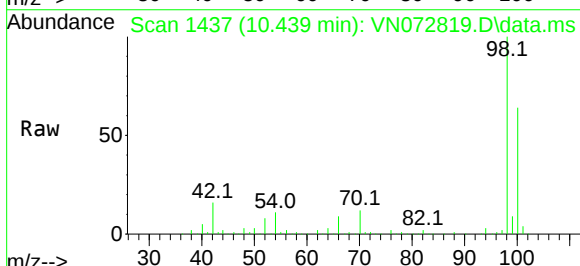
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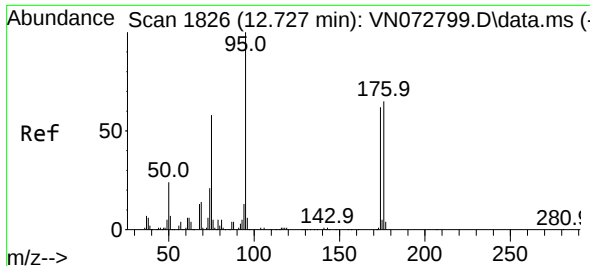
Tgt Ion: 98 Resp: 518947

Ion Ratio Lower Upper

98 100

100 63.6 52.6 78.8

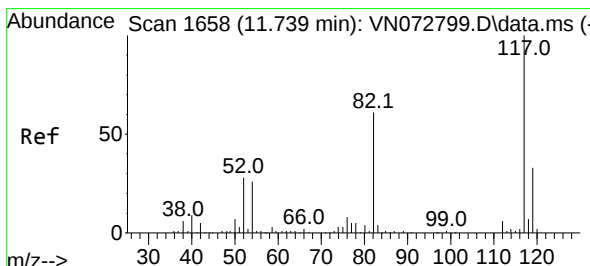
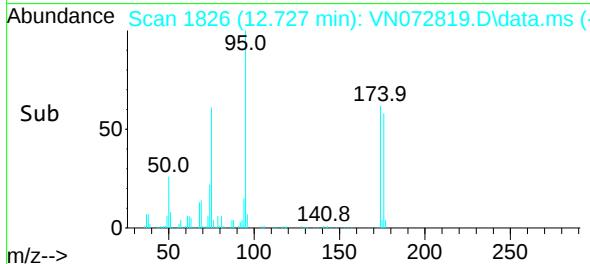
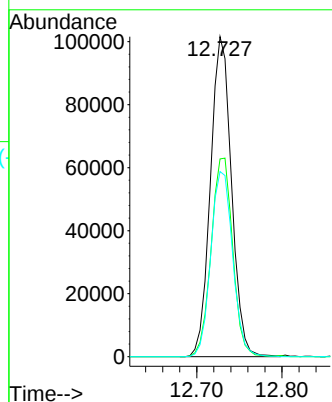
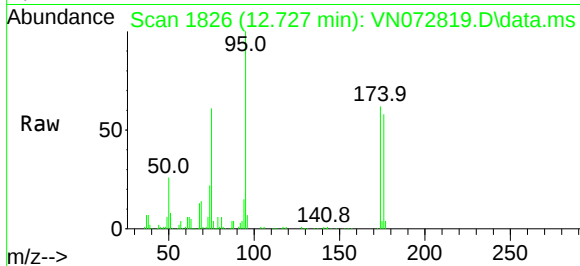




#62  
4-Bromofluorobenzene  
Concen: 41.538 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072819.D  
Acq: 14 Jun 2022 01:24

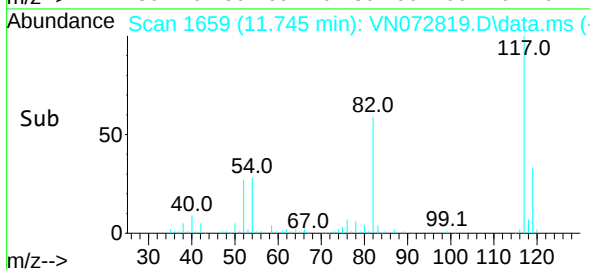
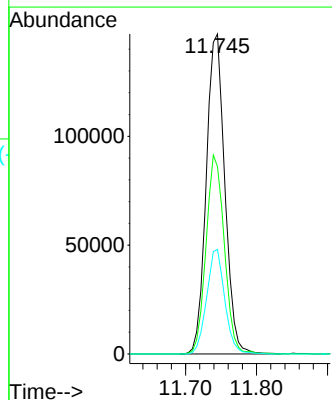
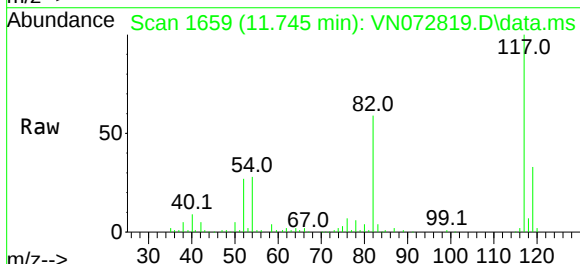
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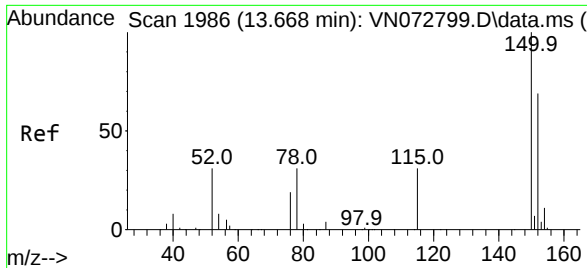
Tgt Ion: 95 Resp: 174422  
Ion Ratio Lower Upper  
95 100  
174 63.4 0.0 167.6  
176 60.1 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.745 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VN072819.D  
Acq: 14 Jun 2022 01:24

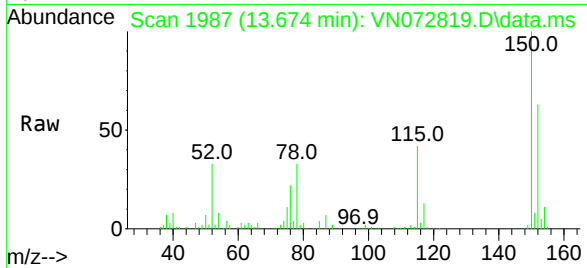
Tgt Ion: 117 Resp: 266872  
Ion Ratio Lower Upper  
117 100  
82 58.6 44.2 66.2  
119 32.7 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.674 min Scan# 1987  
 Delta R.T. 0.006 min  
 Lab File: VN072819.D  
 Acq: 14 Jun 2022 01:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-SO-20220609



Tgt Ion:152 Resp: 89202  
 Ion Ratio Lower Upper  
 152 100  
 115 67.9 28.9 86.7  
 150 157.7 0.0 356.2

