

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN103122\  
 Data File : VN075095.D  
 Acq On : 31 Oct 2022 18:35  
 Operator : JC\MD  
 Sample : N5377-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LIQUID-WC-20221028

Quant Time: Nov 01 06:22:42 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 09:48:49 2022  
 Response via : Initial Calibration

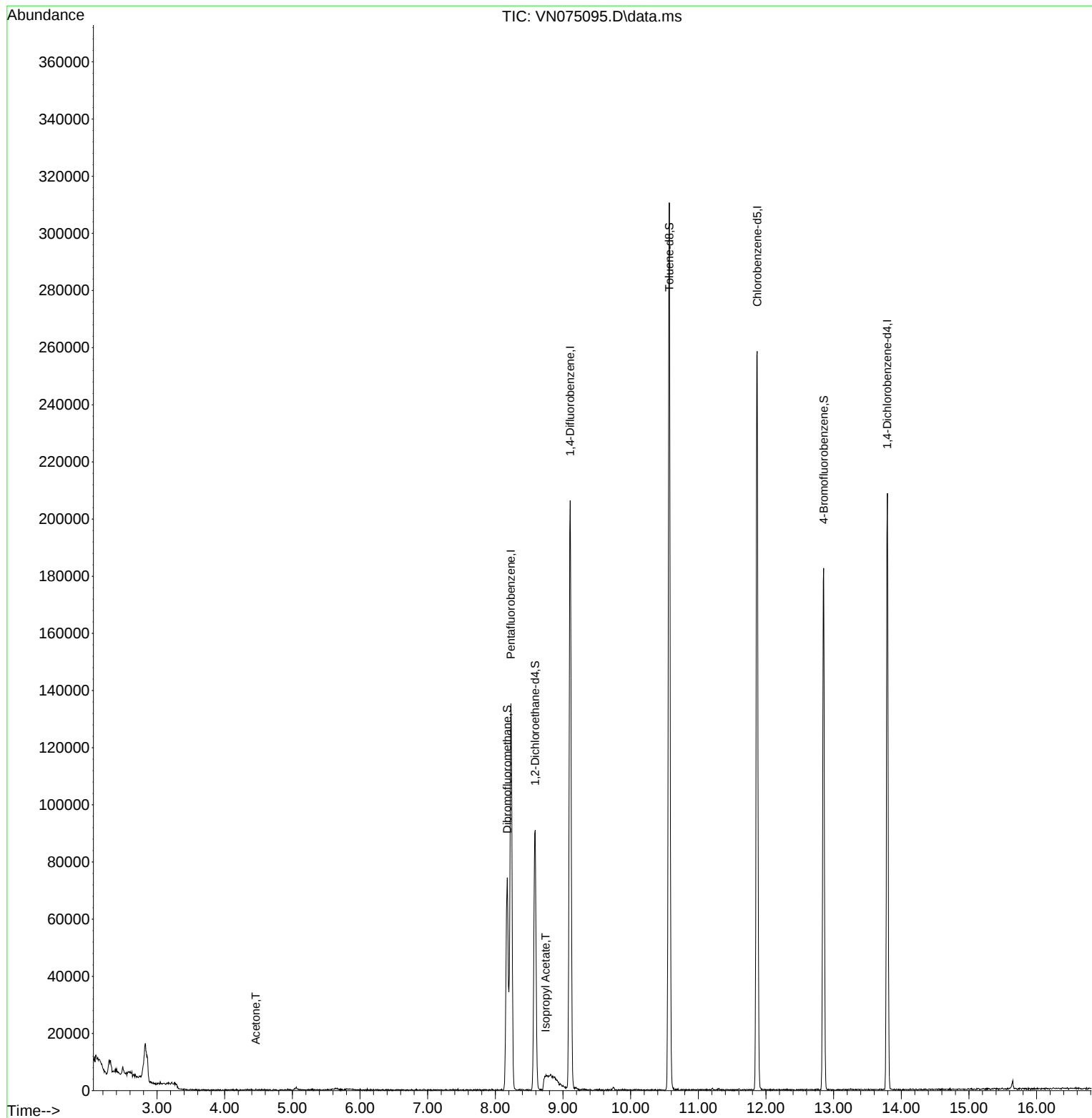
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 92490    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 179338   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 149711   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 54067    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 76267    | 61.200   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 122.400% |
| 35) Dibromofluoromethane    | 8.177  | 113   | 52462    | 49.831   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 99.660%  |
| 50) Toluene-d8              | 10.571 | 98    | 212746   | 52.085   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 104.160% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 61451    | 42.828   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 85.660%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.459  | 43    | 129      | 0.244    | ug/l # | 43       |
| 43) Isopropyl Acetate       | 8.741  | 43    | 5208     | 1.878    | ug/l # | 53       |
| -----                       |        |       |          |          |        |          |

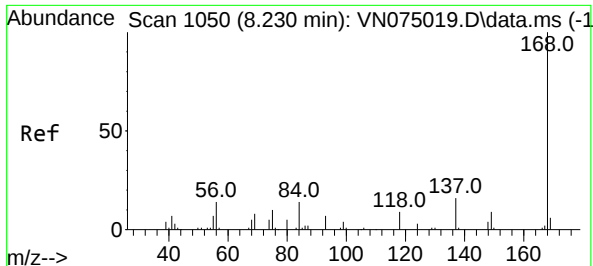
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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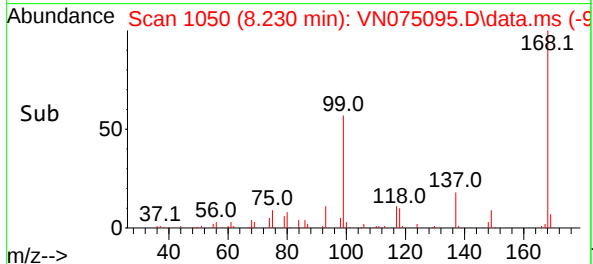
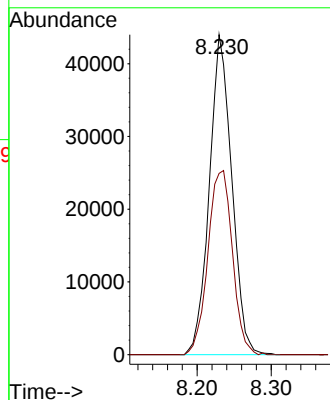
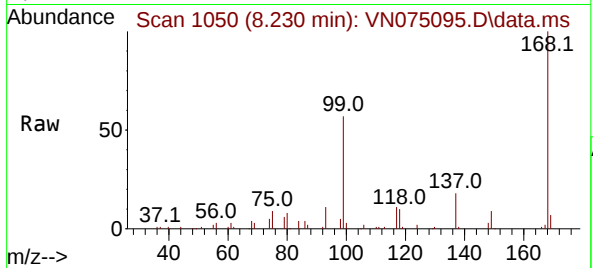




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN075095.D  
Acq: 31 Oct 2022 18:35

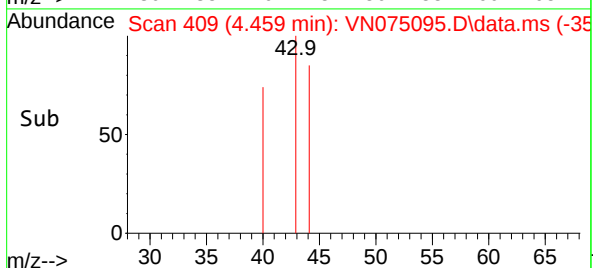
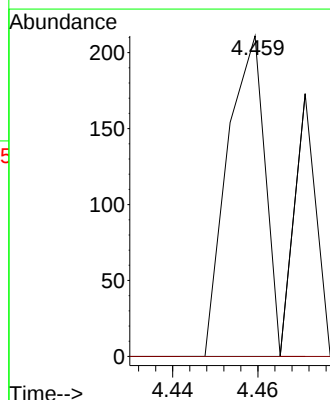
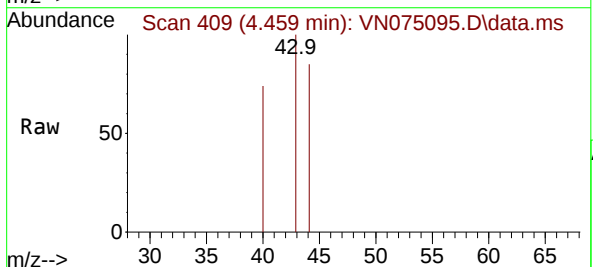
Instrument :  
MSVOA\_N  
ClientSampleId :  
LIQUID-WC-20221028

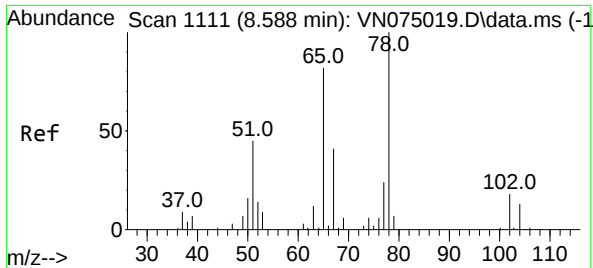
Tgt Ion:168 Resp: 92490  
Ion Ratio Lower Upper  
168 100  
99 56.6 51.6 77.4



#16  
Acetone  
Concen: 0.244 ug/l  
RT: 4.459 min Scan# 409  
Delta R.T. 0.017 min  
Lab File: VN075095.D  
Acq: 31 Oct 2022 18:35

Tgt Ion: 43 Resp: 129  
Ion Ratio Lower Upper  
43 100  
58 0.0 25.5 38.3#





#33

1,2-Dichloroethane-d4

Concen: 61.200 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN075095.D

Acq: 31 Oct 2022 18:35

Instrument :

MSVOA\_N

ClientSampleId :

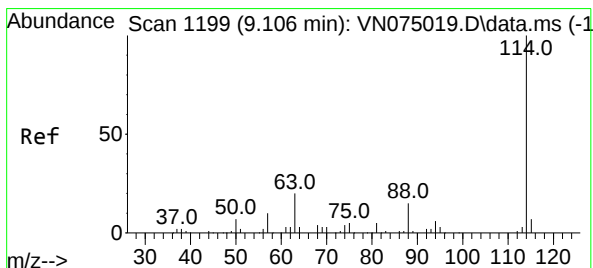
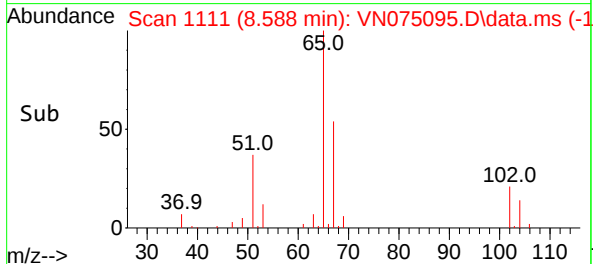
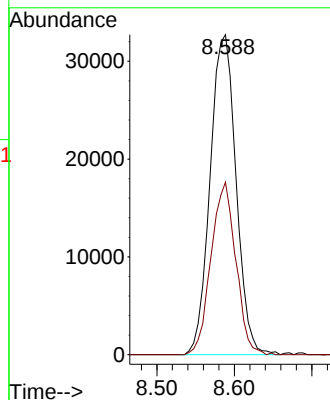
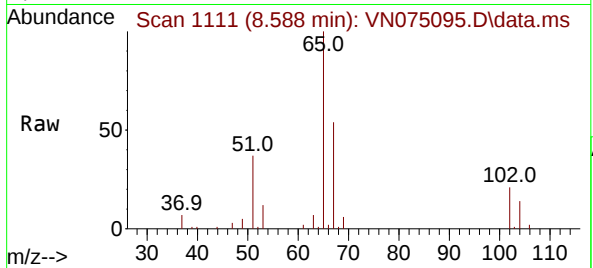
LIQUID-WC-20221028

Tgt Ion: 65 Resp: 76267

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075095.D

Acq: 31 Oct 2022 18:35

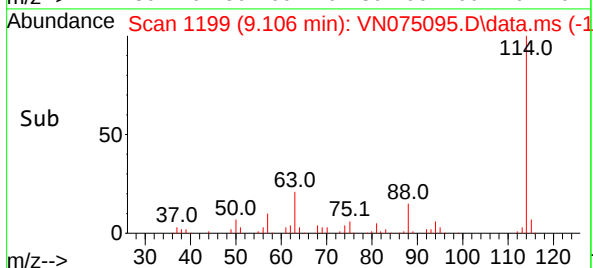
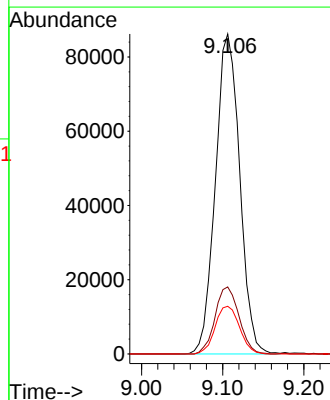
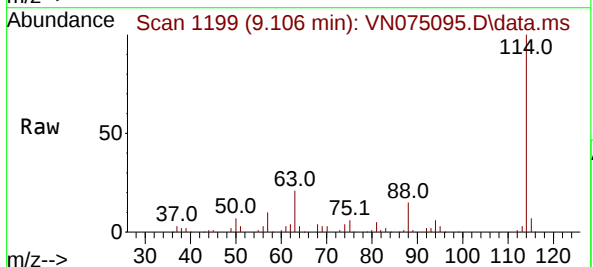
Tgt Ion: 114 Resp: 179338

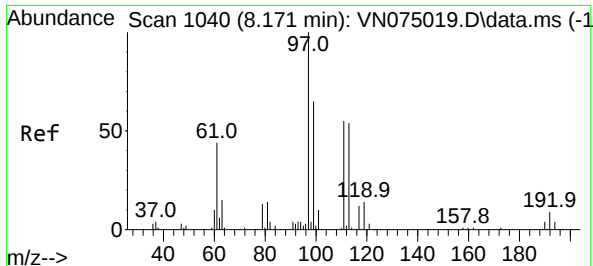
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.831 ug/l

RT: 8.177 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN075095.D

Acq: 31 Oct 2022 18:35

Instrument :

MSVOA\_N

ClientSampleId :

LIQUID-WC-20221028

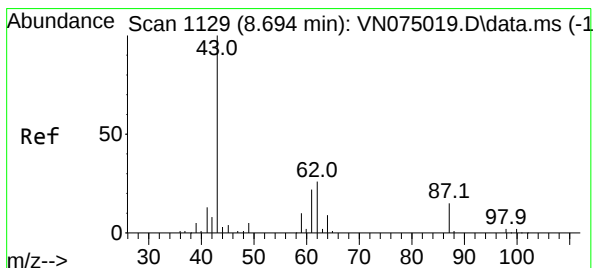
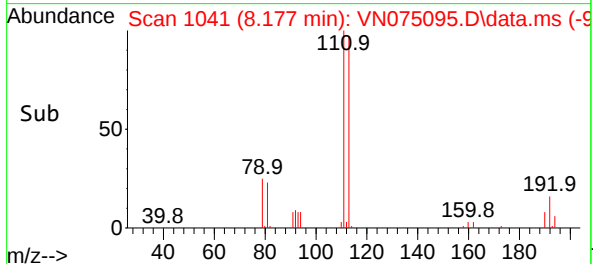
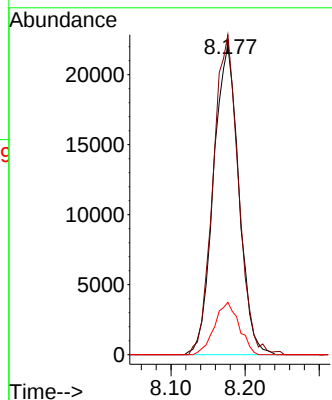
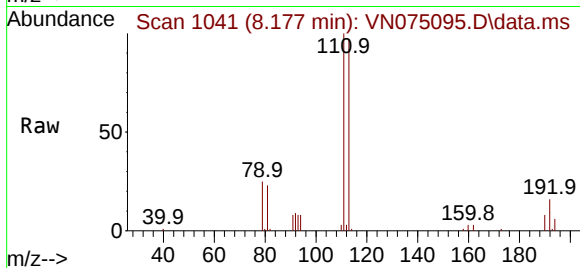
Tgt Ion:113 Resp: 52462

Ion Ratio Lower Upper

113 100

111 103.2 80.5 120.7

192 16.4 13.2 19.8



#43

Isopropyl Acetate

Concen: 1.878 ug/l

RT: 8.741 min Scan# 1137

Delta R.T. 0.047 min

Lab File: VN075095.D

Acq: 31 Oct 2022 18:35

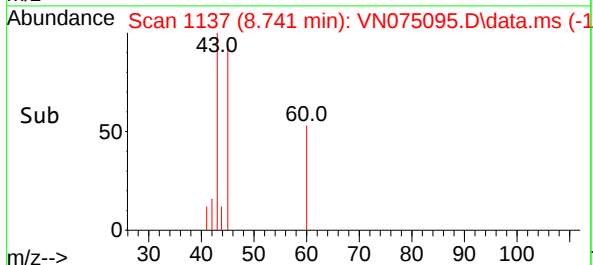
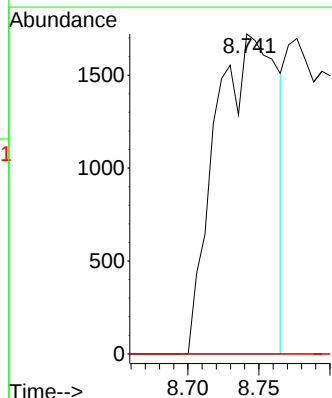
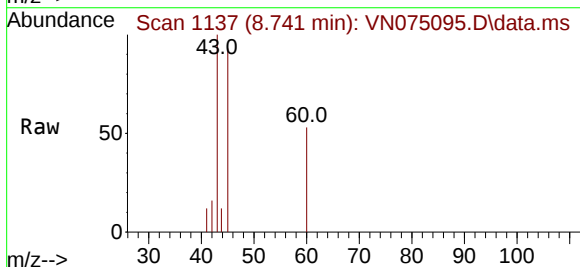
Tgt Ion: 43 Resp: 5208

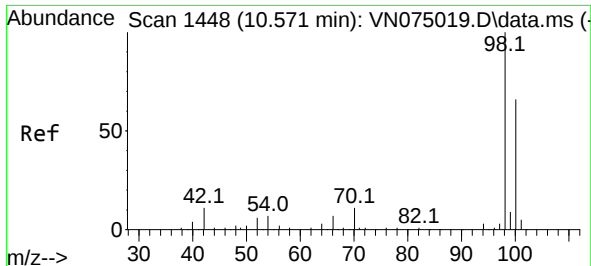
Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#

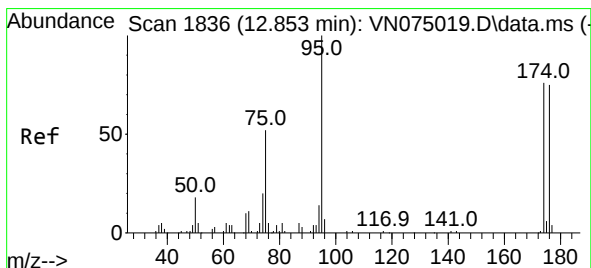
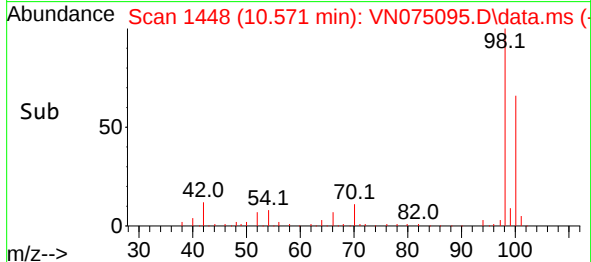
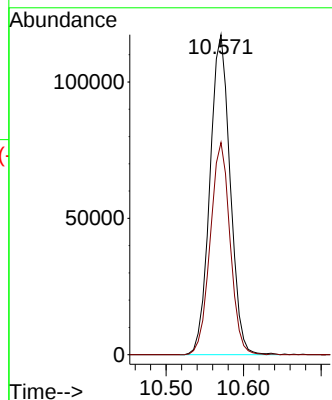
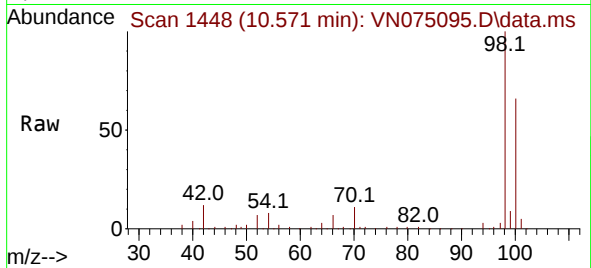




#50  
Toluene-d8  
Concen: 52.085 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN075095.D  
Acq: 31 Oct 2022 18:35

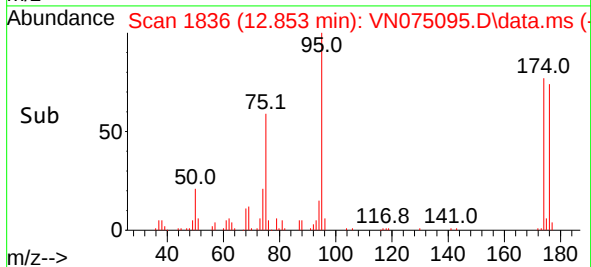
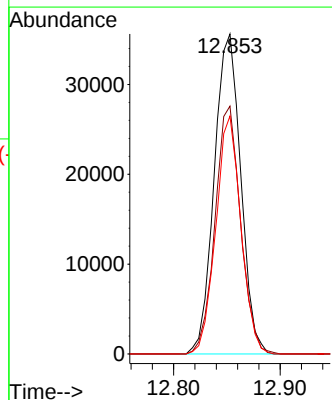
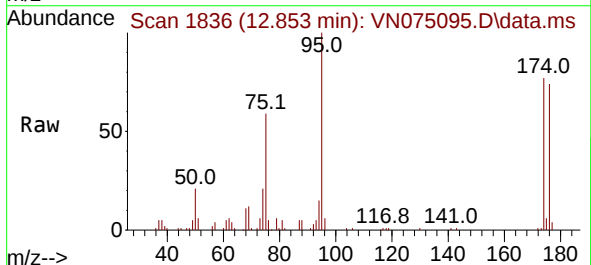
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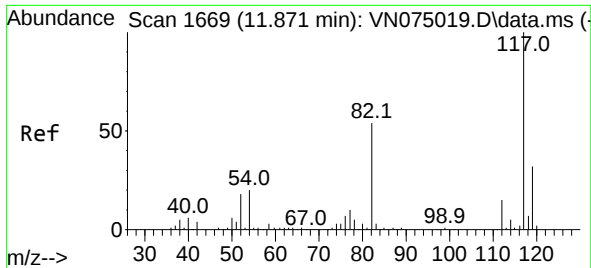
Tgt Ion: 98 Resp: 212746  
Ion Ratio Lower Upper  
98 100  
100 64.8 53.0 79.6



#62  
4-Bromofluorobenzene  
Concen: 42.828 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN075095.D  
Acq: 31 Oct 2022 18:35

Tgt Ion: 95 Resp: 61451  
Ion Ratio Lower Upper  
95 100  
174 74.7 0.0 147.4  
176 70.4 0.0 142.2

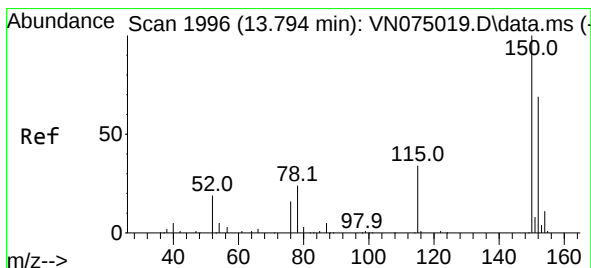
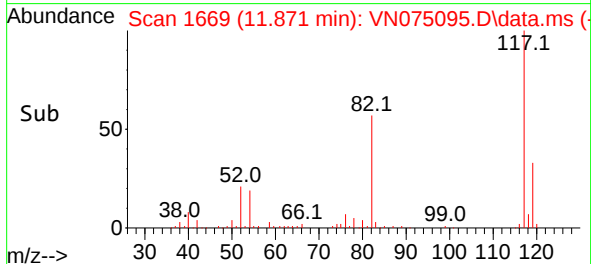
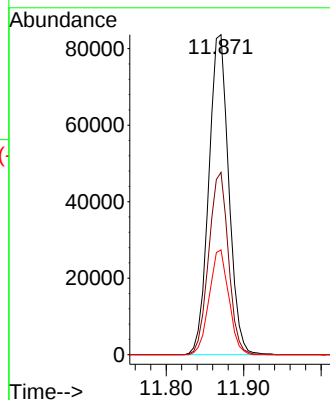
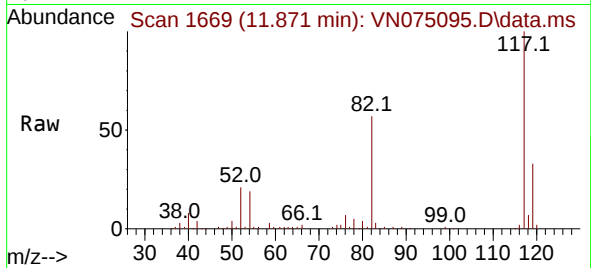




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VN075095.D  
Acq: 31 Oct 2022 18:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
LIQUID-WC-20221028

Tgt Ion:117 Resp: 149711  
Ion Ratio Lower Upper  
117 100  
82 56.9 43.1 64.7  
119 32.8 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN075095.D  
Acq: 31 Oct 2022 18:35

Tgt Ion:152 Resp: 54067  
Ion Ratio Lower Upper  
152 100  
115 61.0 30.2 90.6  
150 158.6 0.0 348.4

