

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082223\  
 Data File : VN078999.D  
 Acq On : 22 Aug 2023 17:12  
 Operator : JC\MD  
 Sample : 04060-01DL 5X  
 Misc : 5.07g/10mL/100uL/5.0mL/MSVOA\_N/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AUD-1002DL

Quant Time: Aug 22 17:46:26 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081523W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 16 02:42:02 2023  
 Response via : Initial Calibration

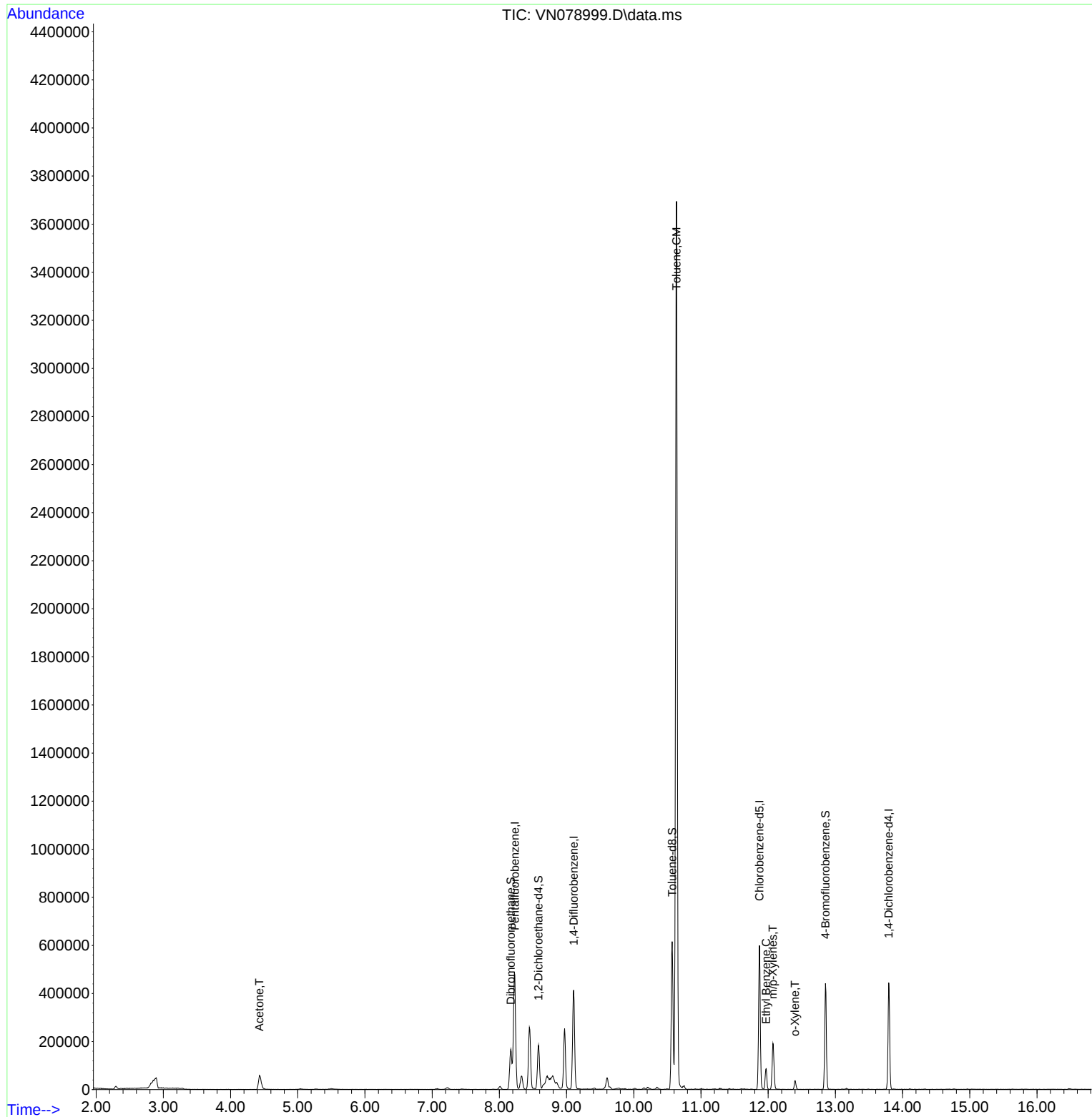
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 187144   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 349125   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 325552   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 110959   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 144550   | 49.637   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 99.280%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 117330   | 49.925   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 99.840%  |
| 50) Toluene-d8              | 10.571 | 98    | 409804   | 46.962   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 93.920%  |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 143666   | 50.369   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 100.740% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.430  | 43    | 111063   | 92.430   | ug/l # | 86       |
| 52) Toluene                 | 10.635 | 92    | 1518873  | 236.753  | ug/l   | 98       |
| 67) Ethyl Benzene           | 11.970 | 91    | 60639    | 4.812    | ug/l   | 99       |
| 68) m/p-Xylenes             | 12.070 | 106   | 59739    | 12.679   | ug/l   | 95       |
| 69) o-Xylene                | 12.400 | 106   | 9845     | 2.148    | ug/l   | 96       |
| -----                       |        |       |          |          |        |          |

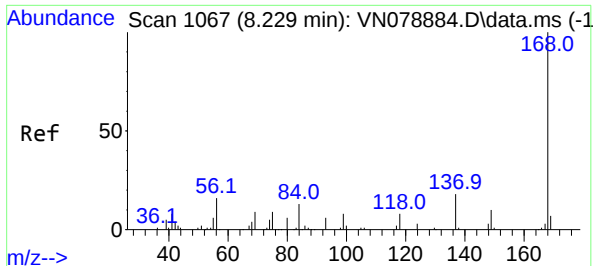
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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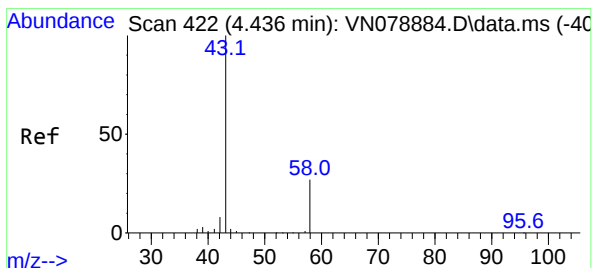
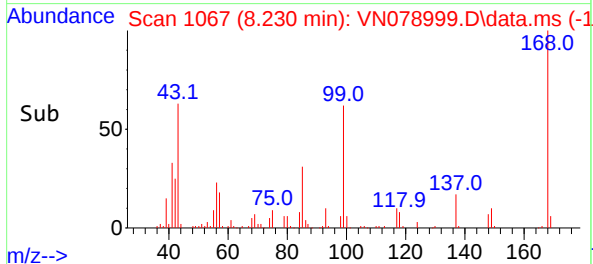
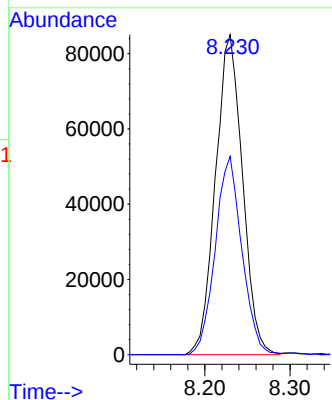
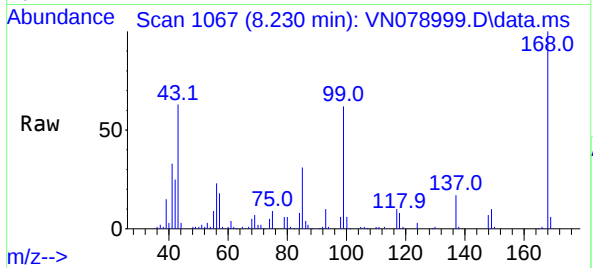




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

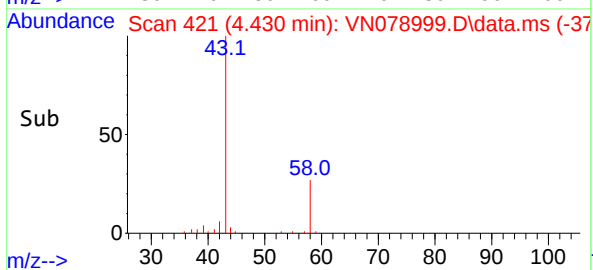
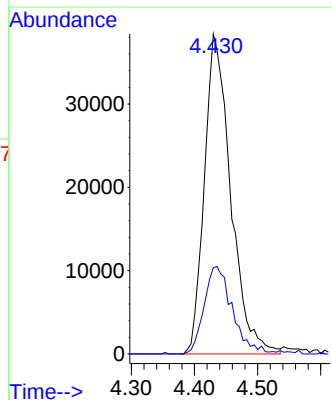
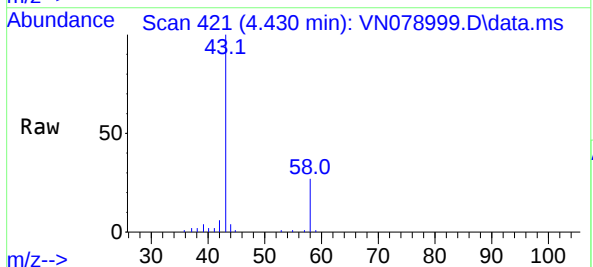
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ClientSampleId :  
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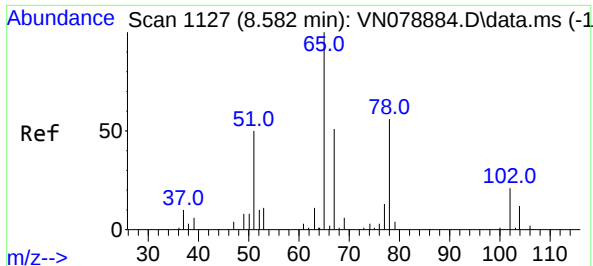
Tgt Ion:168 Resp: 187144  
Ion Ratio Lower Upper  
168 100  
99 62.0 53.0 79.6



#16  
Acetone  
Concen: 92.430 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. -0.012 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

Tgt Ion: 43 Resp: 111063  
Ion Ratio Lower Upper  
43 100  
58 27.0 28.0 42.0#

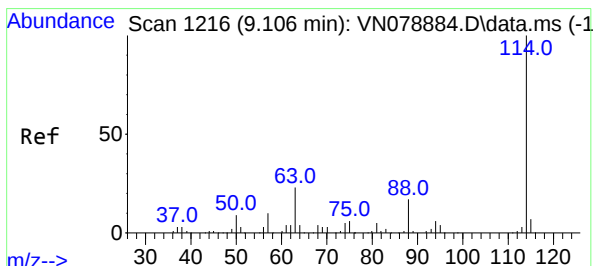
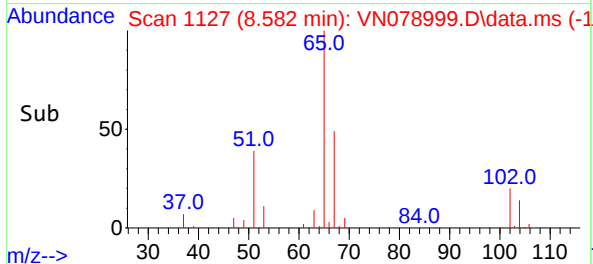
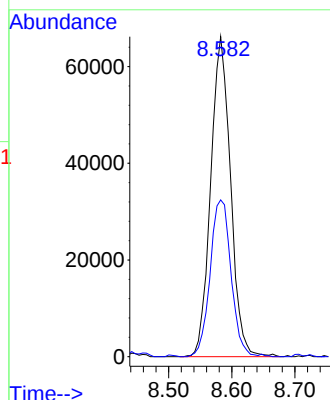
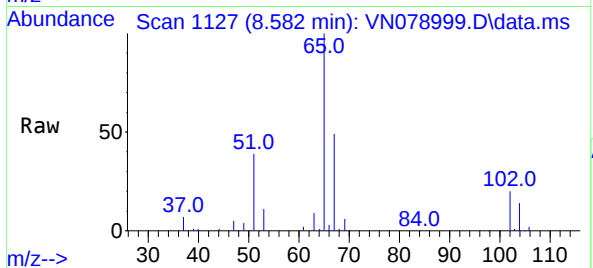




#33  
1,2-Dichloroethane-d4  
Concen: 49.637 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. -0.001 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

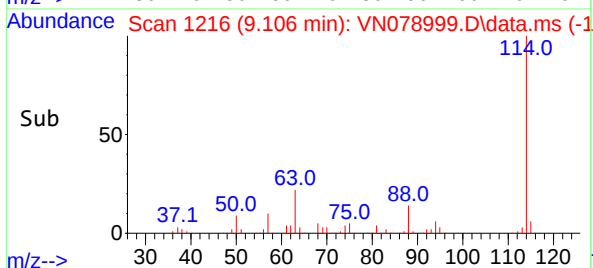
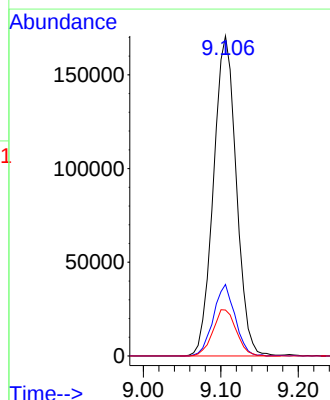
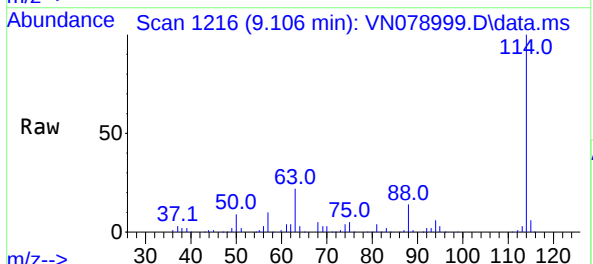
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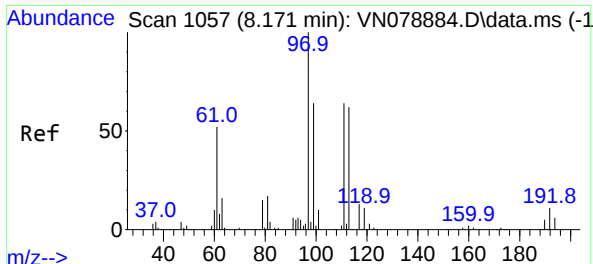
Tgt Ion: 65 Resp: 144550  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 106.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

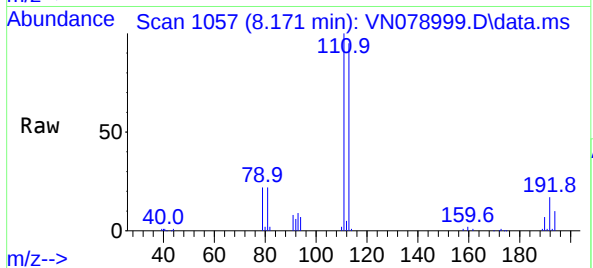
Tgt Ion: 114 Resp: 349125  
Ion Ratio Lower Upper  
114 100  
63 22.4 0.0 36.4  
88 14.4 0.0 30.6



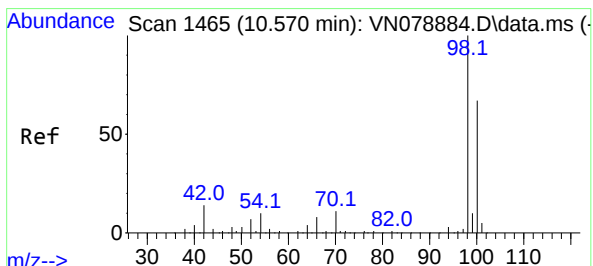
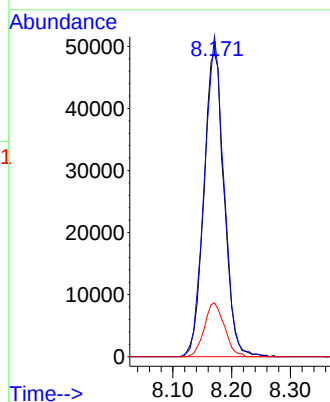
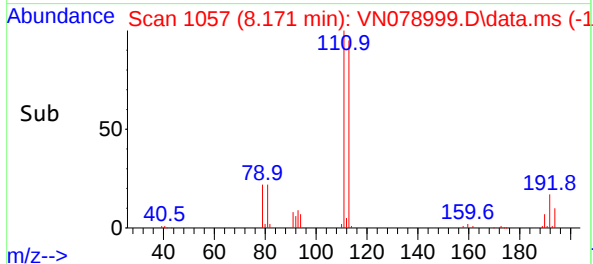


#35  
Dibromofluoromethane  
Concen: 49.925 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1002DL

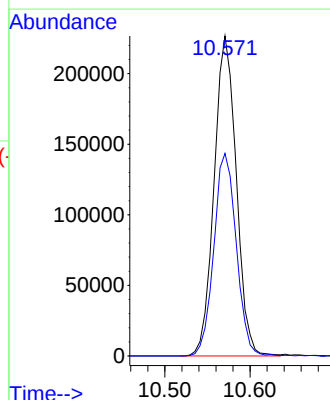
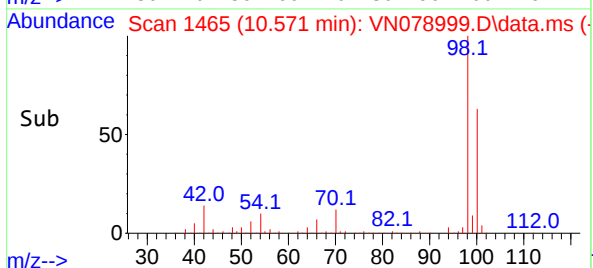
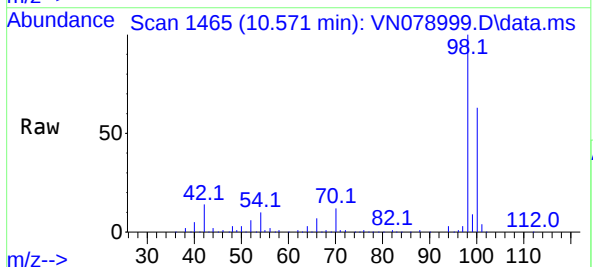


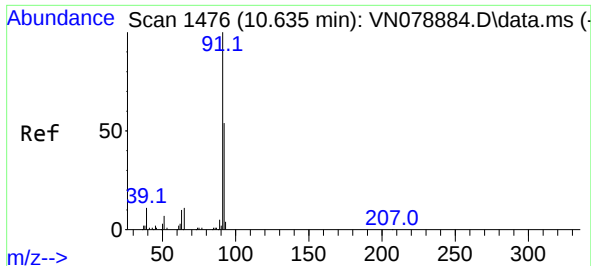
Tgt Ion:113 Resp: 117330  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.6 123.8  
192 17.6 12.7 19.1



#50  
Toluene-d8  
Concen: 46.962 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

Tgt Ion: 98 Resp: 409804  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.0 78.0

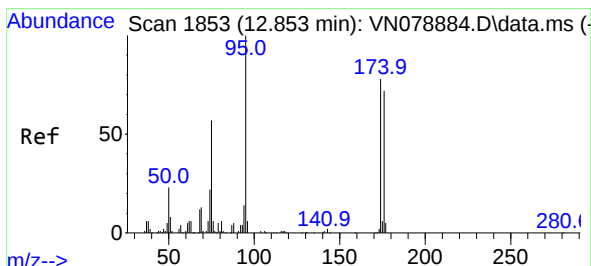
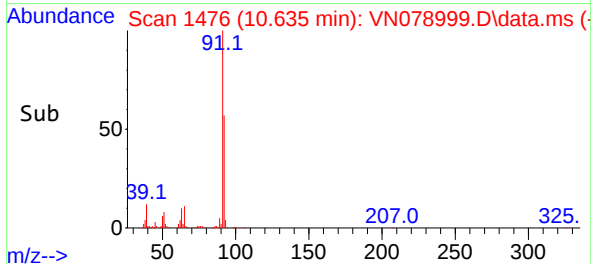
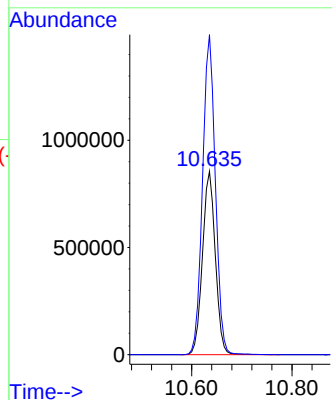
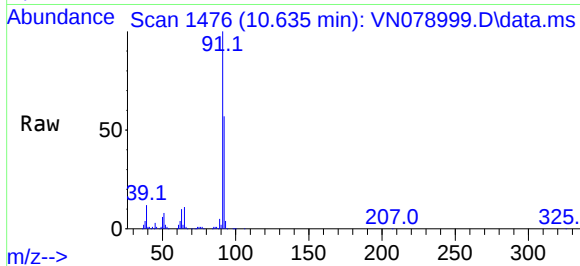




#52  
Toluene  
Concen: 236.753 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

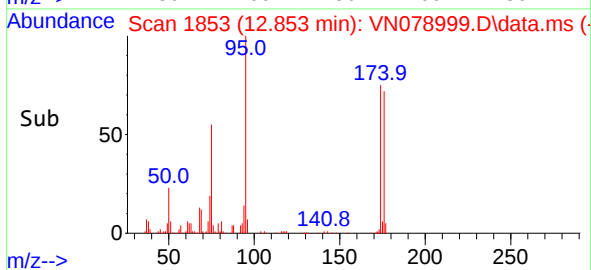
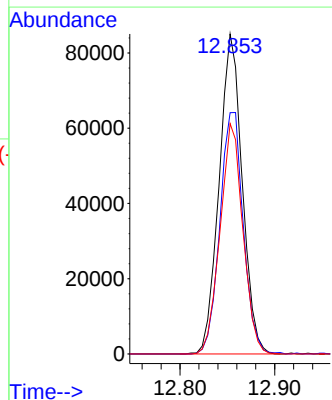
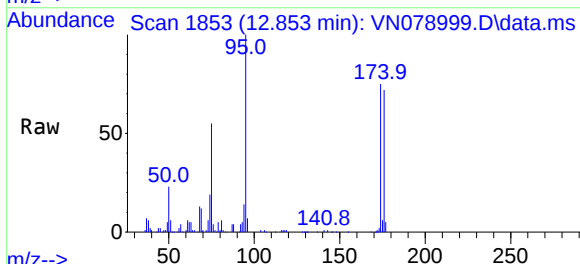
Instrument :  
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ClientSampleId :  
AUD-1002DL

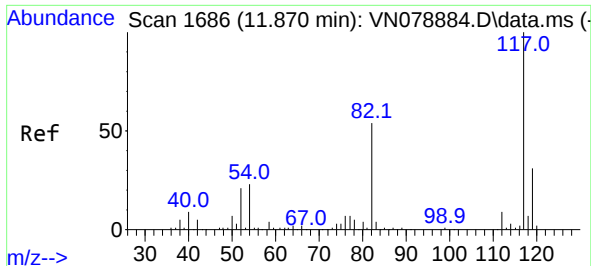
Tgt Ion: 92 Resp: 1518873  
Ion Ratio Lower Upper  
92 100  
91 174.2 137.4 206.0



#62  
4-Bromofluorobenzene  
Concen: 50.369 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

Tgt Ion: 95 Resp: 143666  
Ion Ratio Lower Upper  
95 100  
174 76.9 0.0 143.8  
176 71.2 0.0 135.8

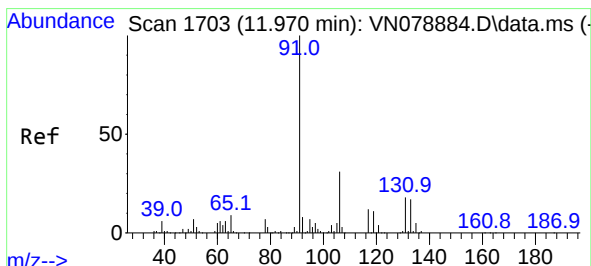
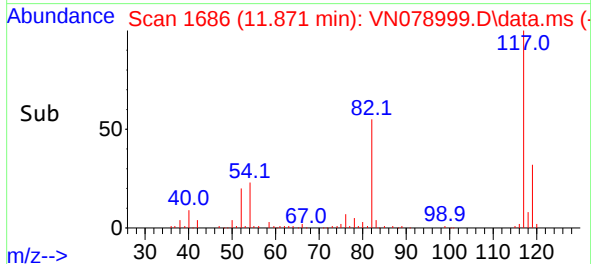
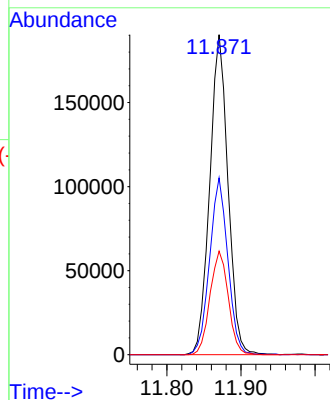
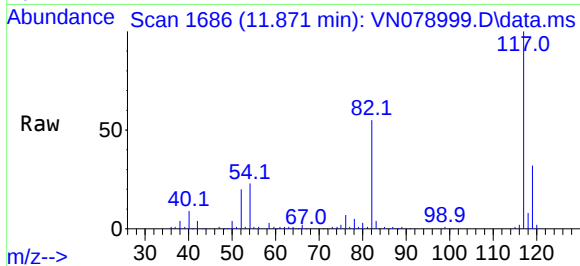




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

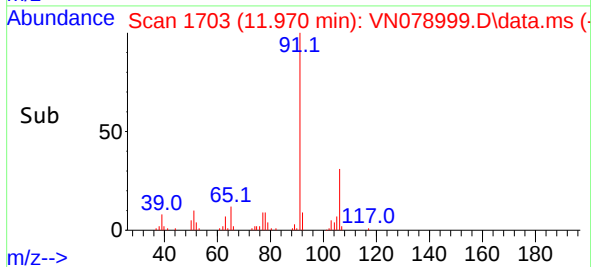
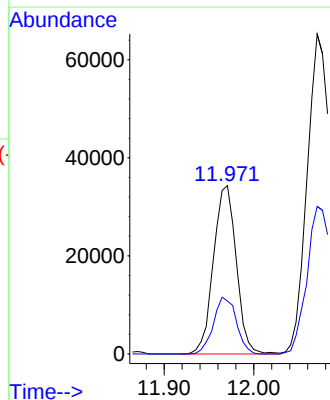
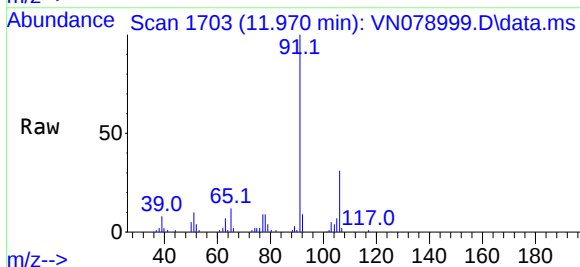
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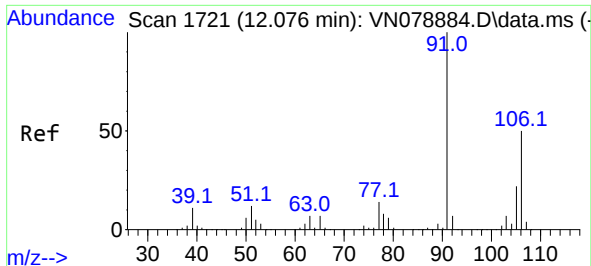
Tgt Ion:117 Resp: 325552  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.0 66.0  
119 32.3 25.6 38.4



#67  
Ethyl Benzene  
Concen: 4.812 ug/l  
RT: 11.970 min Scan# 1703  
Delta R.T. -0.001 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

Tgt Ion: 91 Resp: 60639  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.6 38.4

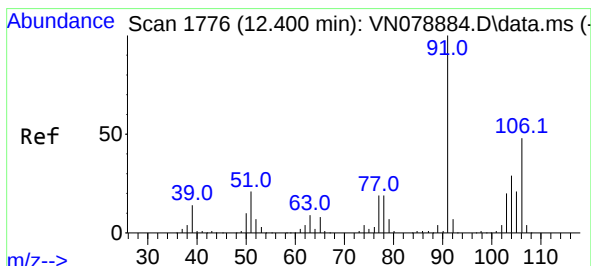
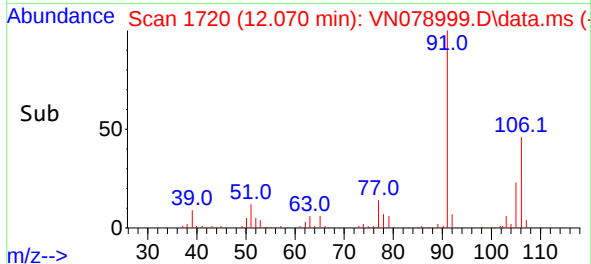
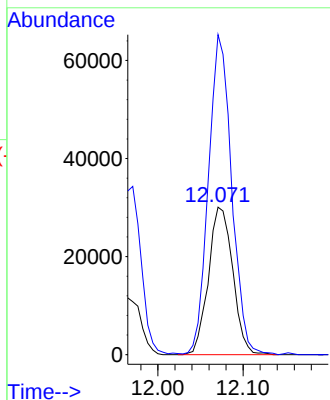
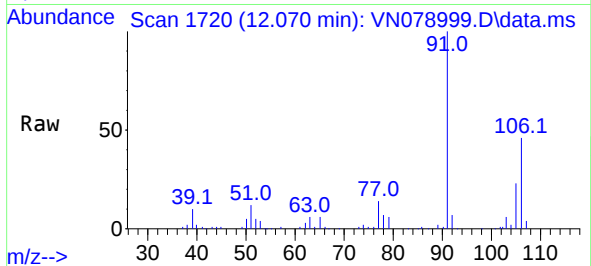




#68  
m/p-Xylenes  
Concen: 12.679 ug/l  
RT: 12.070 min Scan# 1721  
Delta R.T. -0.006 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

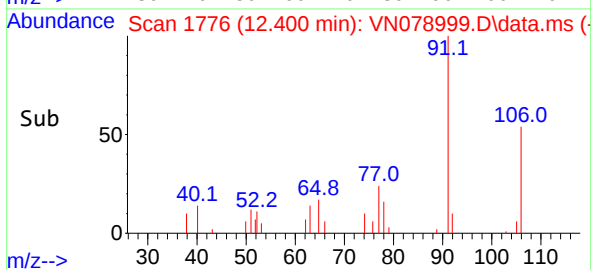
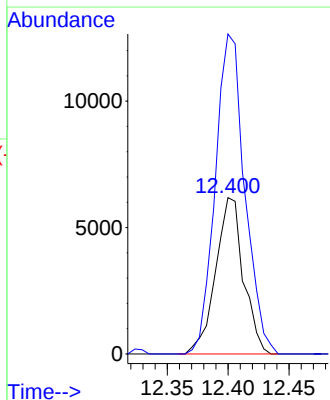
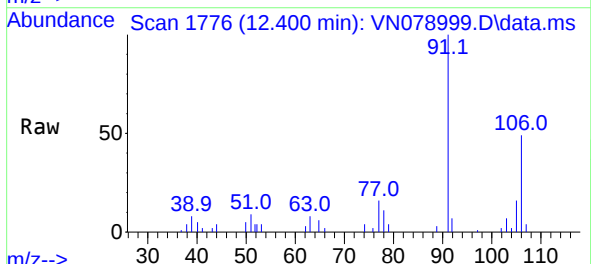
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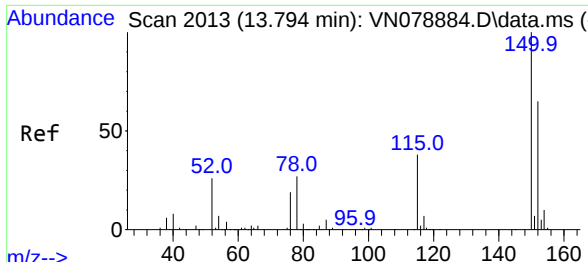
Tgt Ion:106 Resp: 59739  
Ion Ratio Lower Upper  
106 100  
91 206.6 159.6 239.4



#69  
o-Xylene  
Concen: 2.148 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

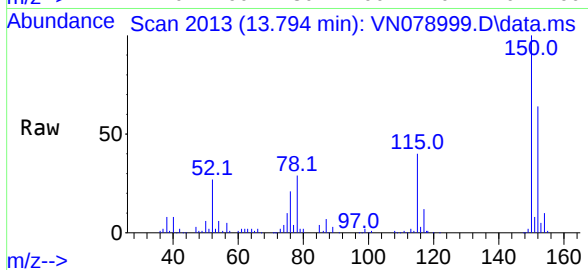
Tgt Ion:106 Resp: 9845  
Ion Ratio Lower Upper  
106 100  
91 217.1 105.2 315.5





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VN078999.D  
Acq: 22 Aug 2023 17:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1002DL



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 110959 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 62.6  | 32.3  | 96.8   |
| 150      | 157.9 | 0.0   | 355.8  |

