

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042722\  
 Data File : VN072222.D  
 Acq On : 27 Apr 2022 17:41  
 Operator : JC\MD  
 Sample : N2575-10 50X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 31798

Quant Time: Apr 28 06:05:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

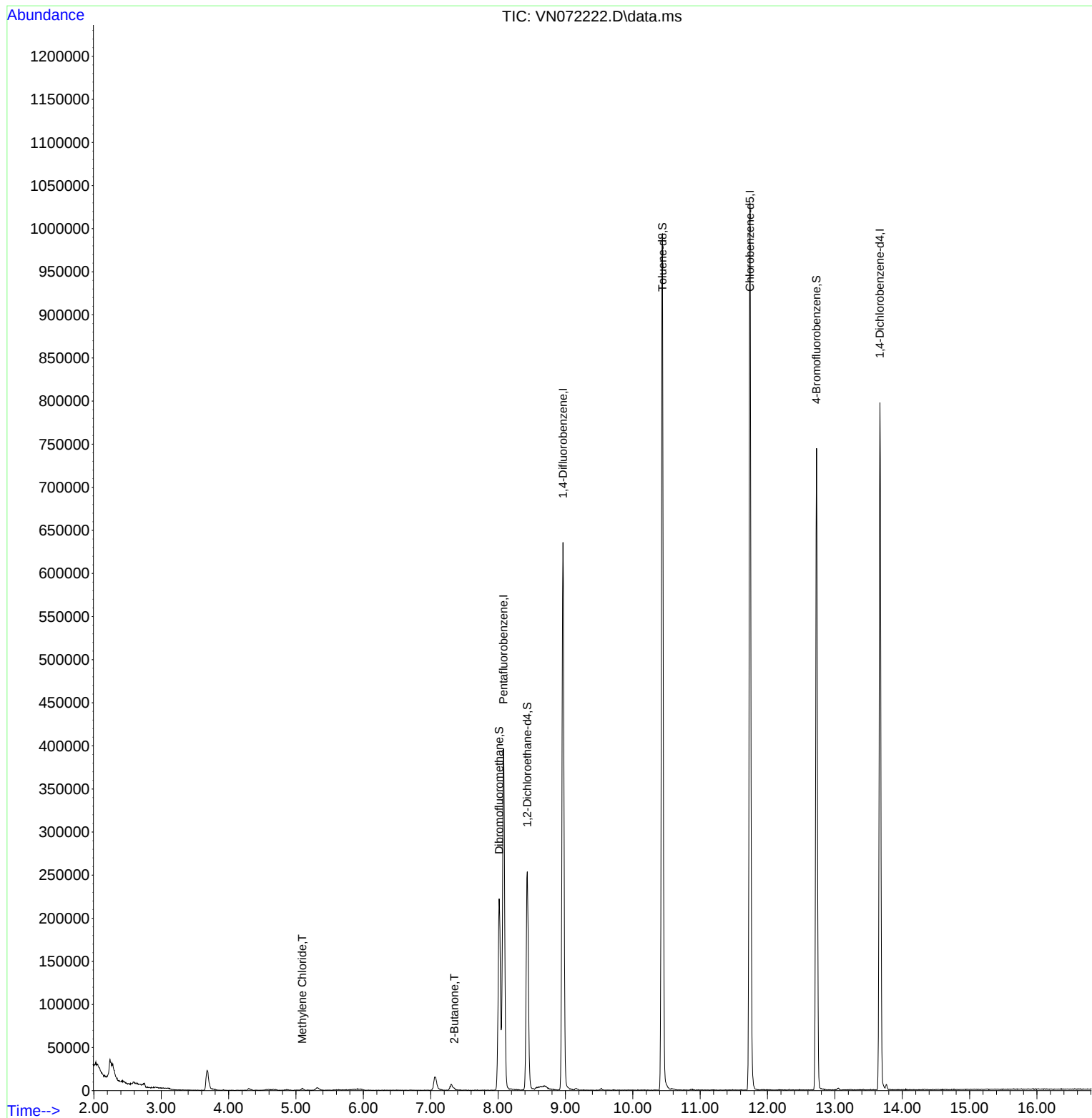
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.081     | 168   | 279435   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.963     | 114   | 533741   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.739    | 117   | 572203   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.669    | 152   | 207751   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.434     | 65    | 221803   | 51.703   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =     | 103.400% |
| 35) Dibromofluoromethane    | 8.016     | 113   | 162762   | 47.644   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =     | 95.280%  |
| 50) Toluene-d8              | 10.439    | 98    | 678371   | 50.535   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =     | 101.080% |
| 62) 4-Bromofluorobenzene    | 12.727    | 95    | 268539   | 60.270   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =     | 120.540% |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 20) Methylene Chloride      | 5.093     | 84    | 1504     | 0.424    | ug/l  | # 71     |
| 25) 2-Butanone              | 7.351     | 43    | 4635     | 1.574    | ug/l  | # 83     |
| -----                       |           |       |          |          |       |          |

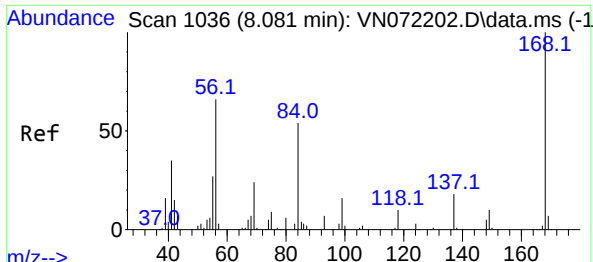
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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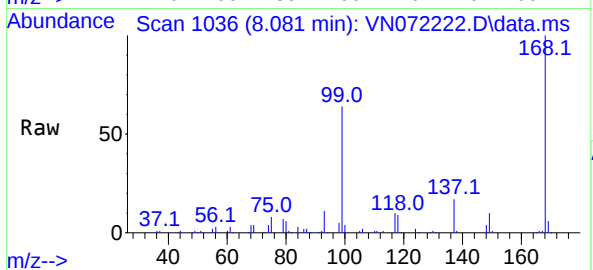
Quant Time: Apr 28 06:05:27 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
Quant Title : SW846 8260  
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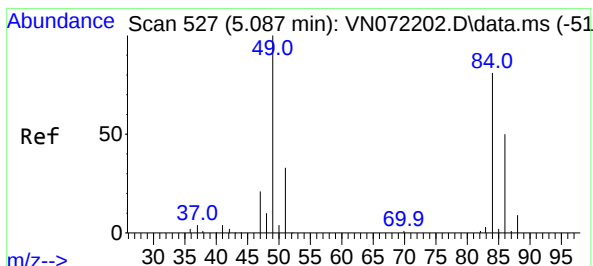
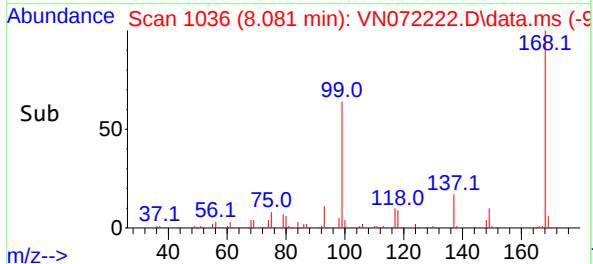
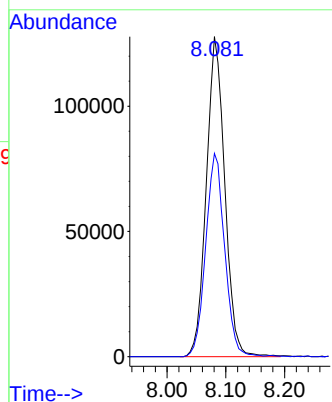


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072222.D  
Acq: 27 Apr 2022 17:41

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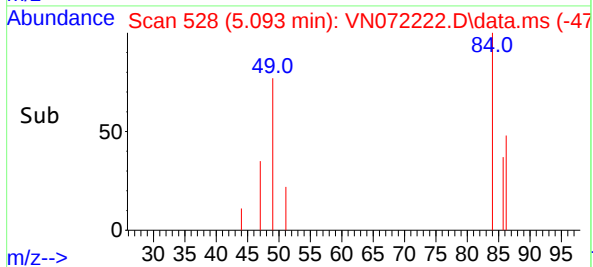
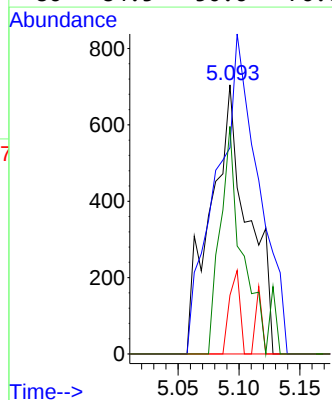
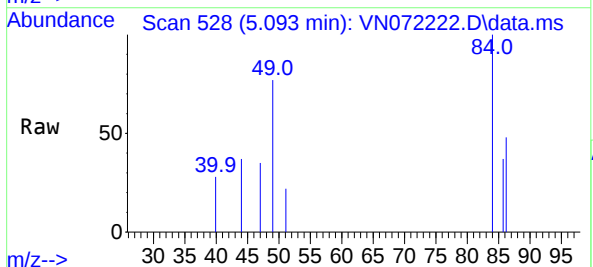


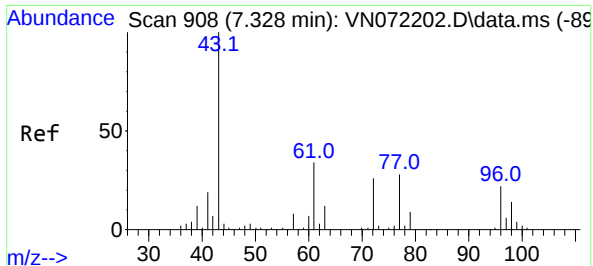
Tgt Ion:168 Resp: 279435  
Ion Ratio Lower Upper  
168 100  
99 63.5 42.3 63.5#



#20  
Methylene Chloride  
Concen: 0.424 ug/l  
RT: 5.093 min Scan# 528  
Delta R.T. 0.006 min  
Lab File: VN072222.D  
Acq: 27 Apr 2022 17:41

Tgt Ion: 84 Resp: 1504  
Ion Ratio Lower Upper  
84 100  
49 76.6 88.3 132.5#  
51 21.8 28.2 42.2#  
86 84.5 50.6 76.0#

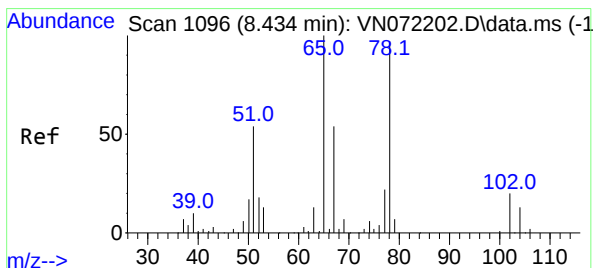
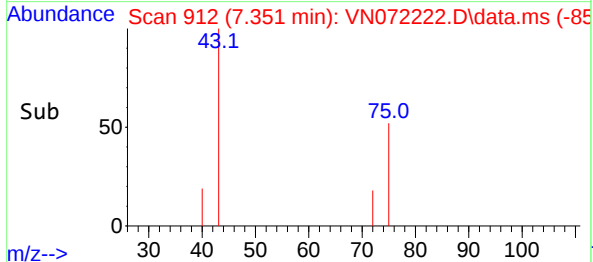
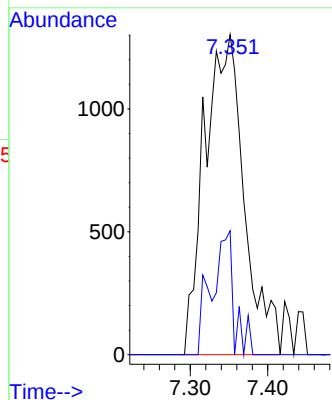
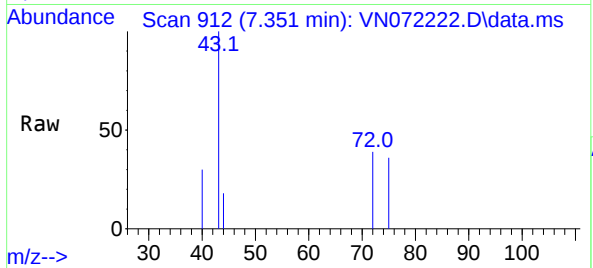




#25  
2-Butanone  
Concen: 1.574 ug/l  
RT: 7.351 min Scan# 912  
Delta R.T. 0.023 min  
Lab File: VN072222.D  
Acq: 27 Apr 2022 17:41

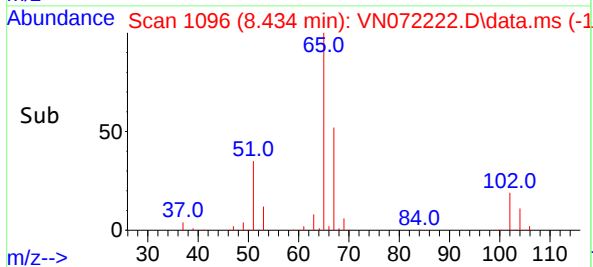
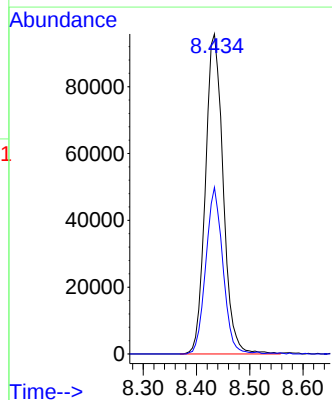
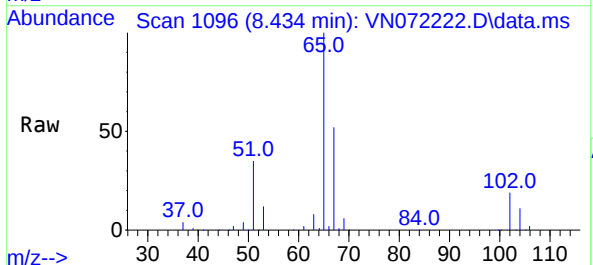
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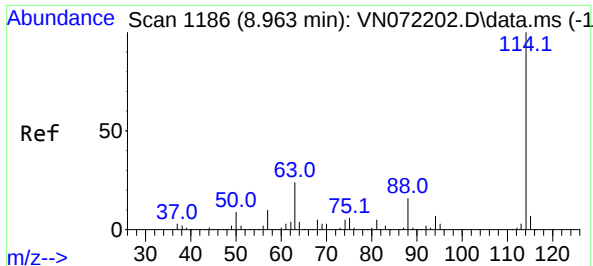
Tgt Ion: 43 Resp: 4635  
Ion Ratio Lower Upper  
43 100  
72 38.7 23.7 35.5#



#33  
1,2-Dichloroethane-d4  
Concen: 51.703 ug/l  
RT: 8.434 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: VN072222.D  
Acq: 27 Apr 2022 17:41

Tgt Ion: 65 Resp: 221803  
Ion Ratio Lower Upper  
65 100  
67 49.9 0.0 104.8

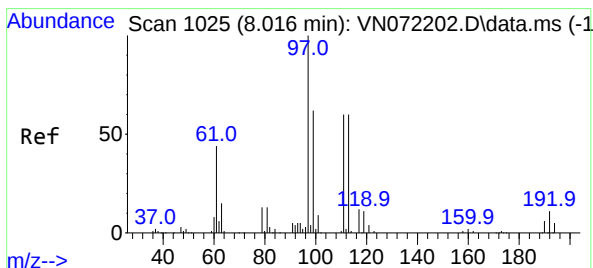
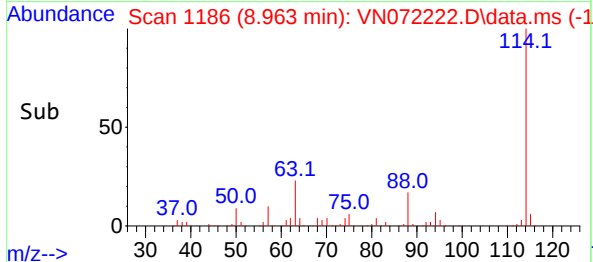
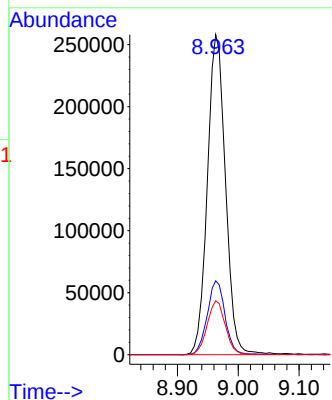
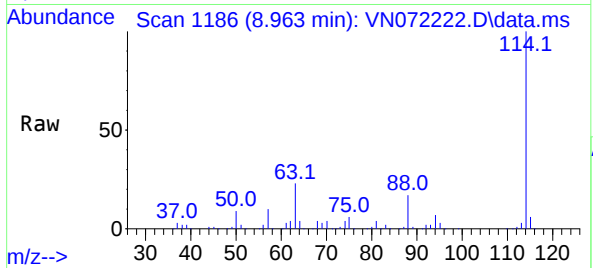




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072222.D  
Acq: 27 Apr 2022 17:41

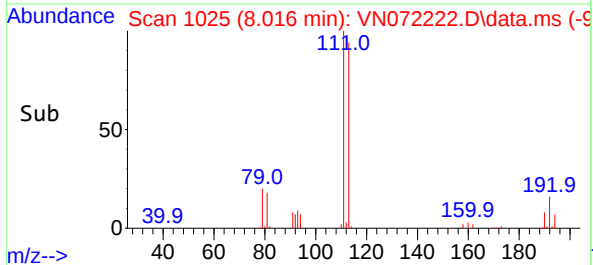
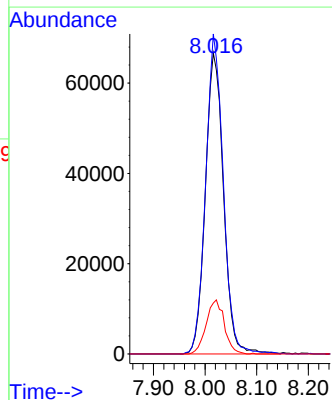
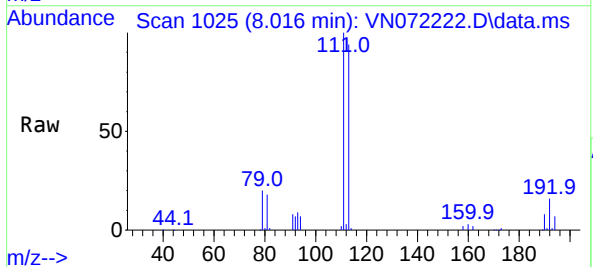
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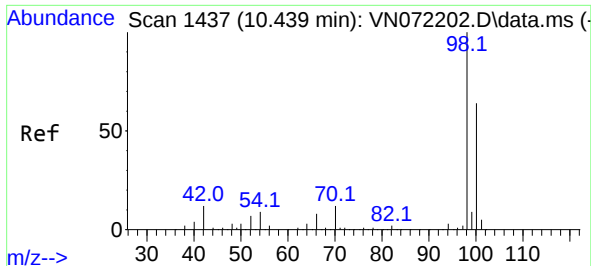
Tgt Ion:114 Resp: 533741  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 40.0  
88 16.8 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 47.644 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072222.D  
Acq: 27 Apr 2022 17:41

Tgt Ion:113 Resp: 162762  
Ion Ratio Lower Upper  
113 100  
111 103.4 81.4 122.0  
192 18.0 17.0 25.6

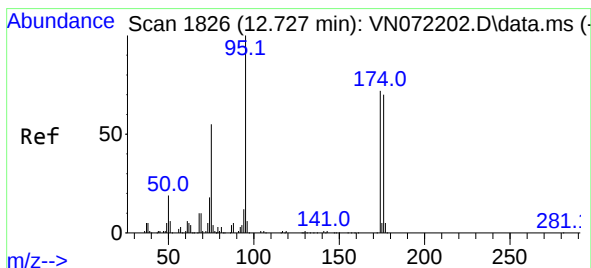
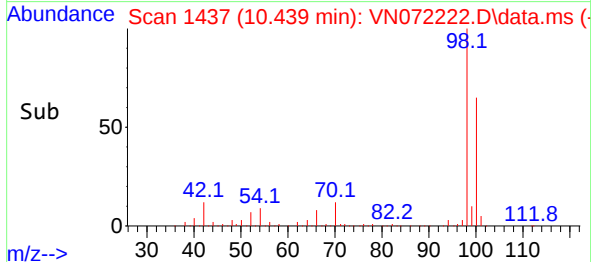
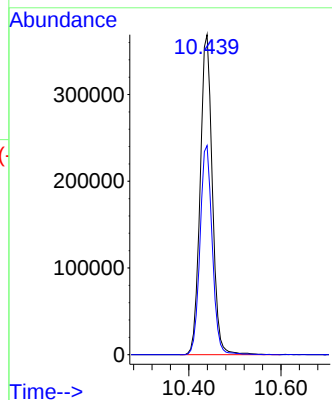
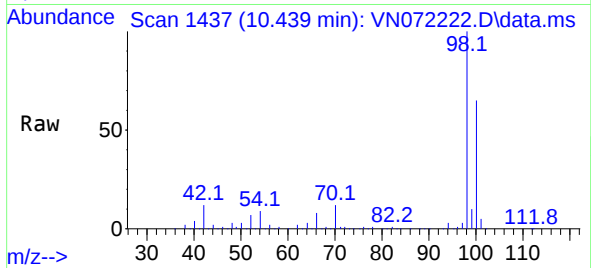




#50  
Toluene-d8  
Concen: 50.535 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072222.D  
Acq: 27 Apr 2022 17:41

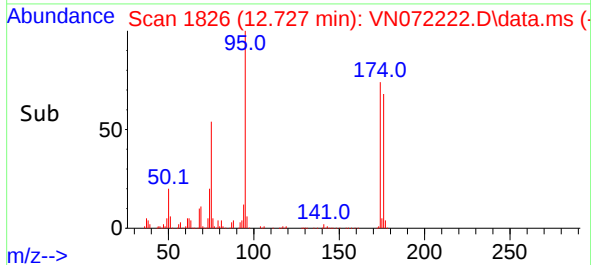
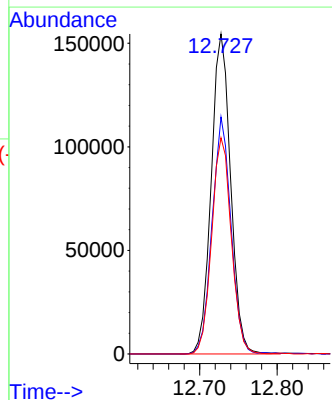
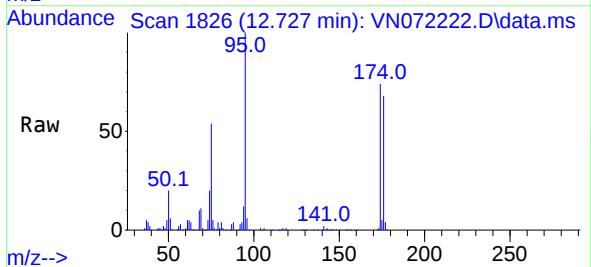
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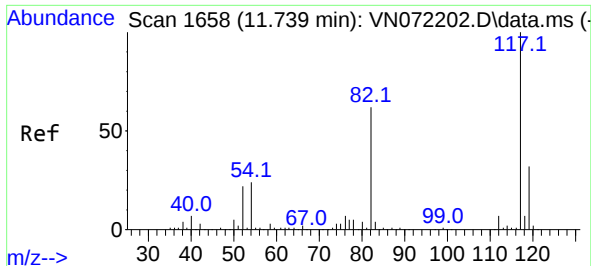
Tgt Ion: 98 Resp: 678371  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 60.270 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072222.D  
Acq: 27 Apr 2022 17:41

Tgt Ion: 95 Resp: 268539  
Ion Ratio Lower Upper  
95 100  
174 72.6 0.0 167.6  
176 68.2 0.0 163.4

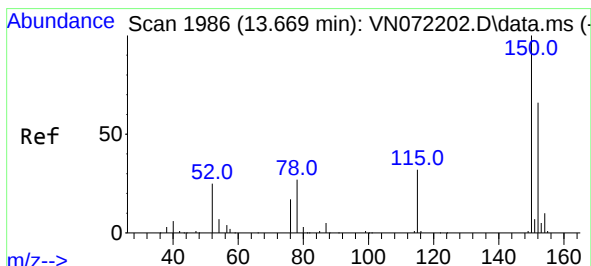
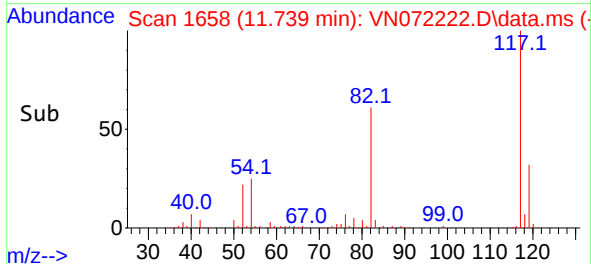
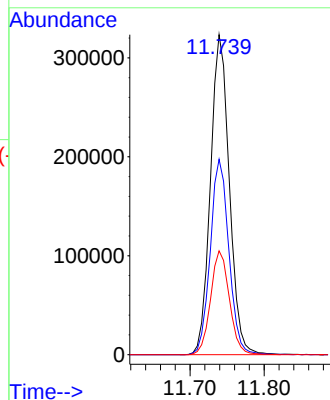
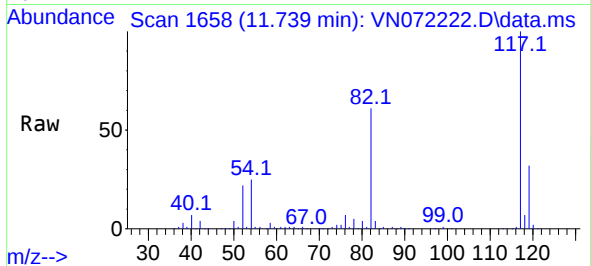




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072222.D  
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Tgt Ion:117 Resp: 572203  
Ion Ratio Lower Upper  
117 100  
82 61.0 44.2 66.2  
119 32.5 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.669 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072222.D  
Acq: 27 Apr 2022 17:41

Tgt Ion:152 Resp: 207751  
Ion Ratio Lower Upper  
152 100  
115 64.0 28.9 86.7  
150 156.8 0.0 356.2

