

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031422\  
 Data File : VN071262.D  
 Acq On : 14 Mar 2022 13:38  
 Operator : JC\MD  
 Sample : PB143286TB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB143286TB

Quant Time: Mar 15 02:51:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 08 06:52:46 2022  
 Response via : Initial Calibration

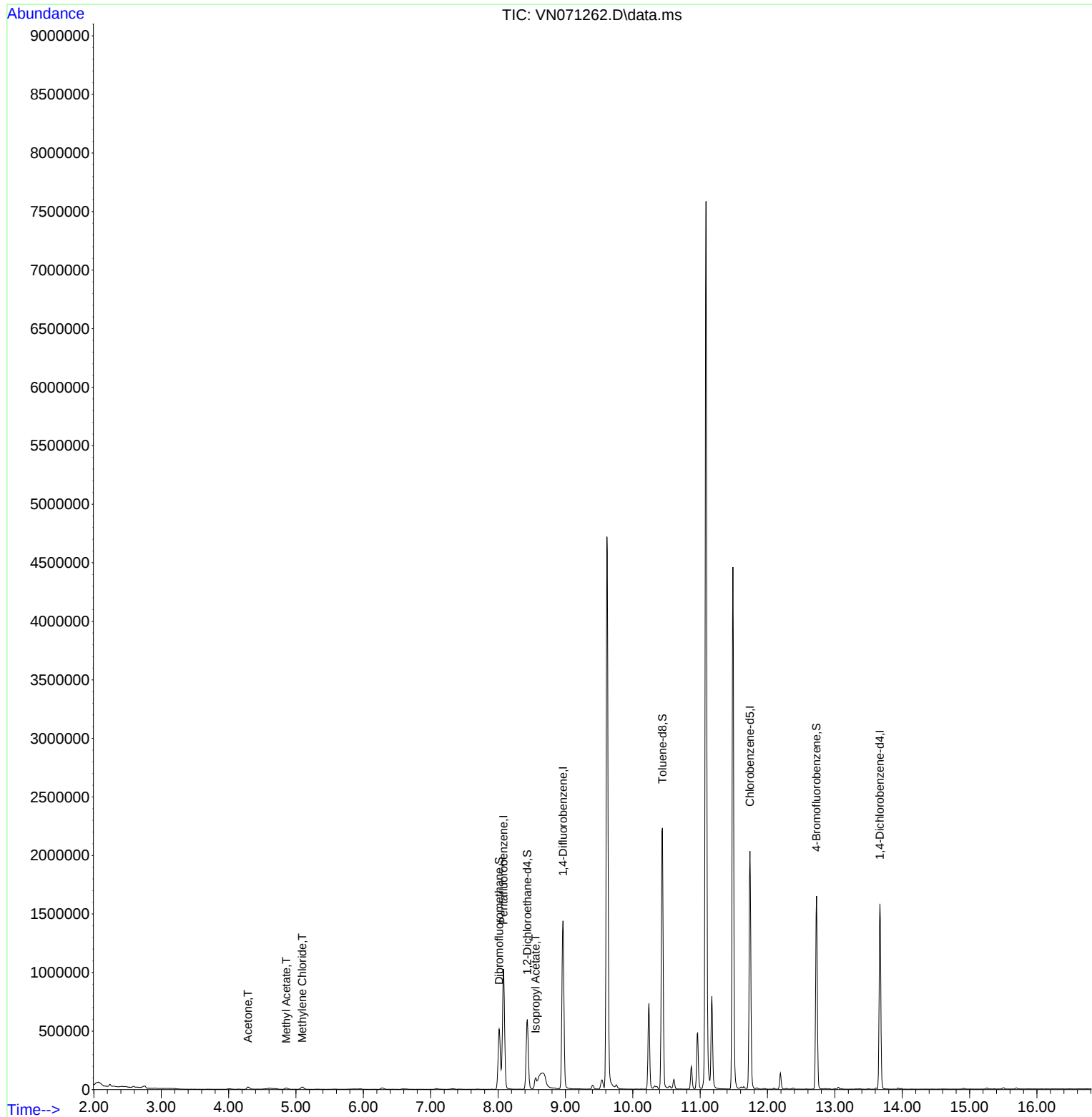
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.080  | 168   | 777091   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 1279020  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 1184686  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668 | 152   | 437723   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 492437   | 46.237   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 92.480%  |
| 35) Dibromofluoromethane    | 8.016  | 113   | 380020   | 47.084   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 94.160%  |
| 50) Toluene-d8              | 10.439 | 98    | 1567653  | 48.241   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 96.480%  |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 575842   | 52.330   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 104.660% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.287  | 43    | 36011    | 6.949    | ug/l   | 92       |
| 18) Methyl Acetate          | 4.857  | 43    | 26533    | 2.359    | ug/l   | 92       |
| 20) Methylene Chloride      | 5.092  | 84    | 15211    | 1.976    | ug/l # | 87       |
| 43) Isopropyl Acetate       | 8.557  | 43    | 119612   | 4.494    | ug/l # | 81       |
| -----                       |        |       |          |          |        |          |

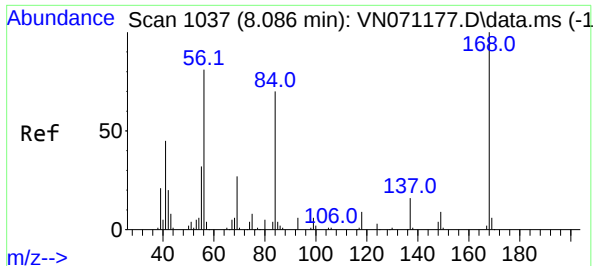
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 08 06:52:46 2022  
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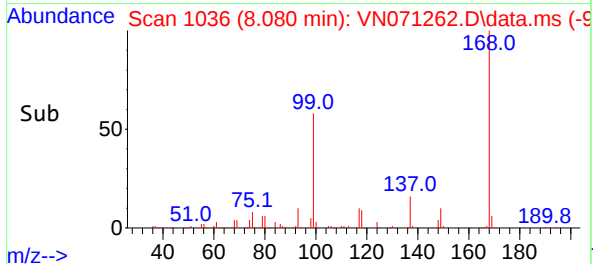
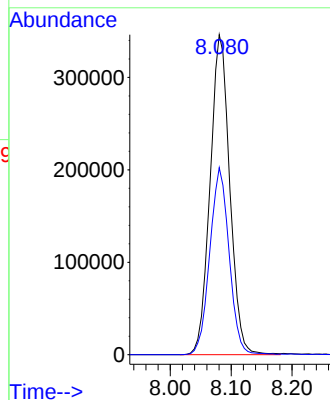
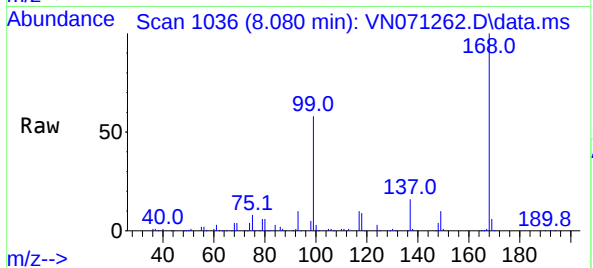




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.080 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: VN071262.D  
Acq: 14 Mar 2022 13:38

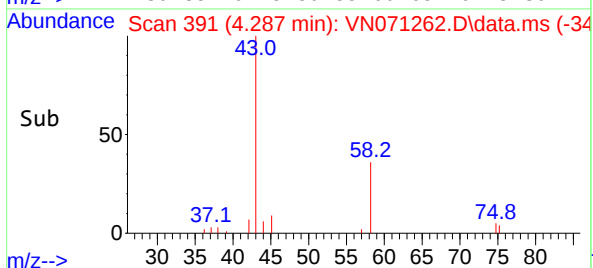
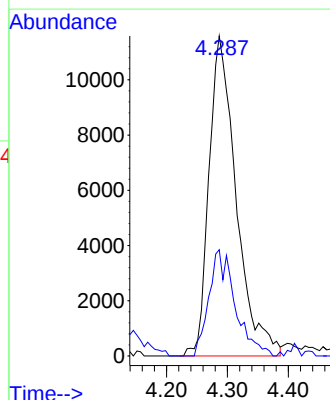
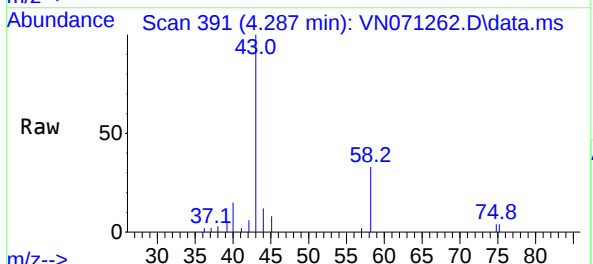
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ClientSampleId :  
PB143286TB

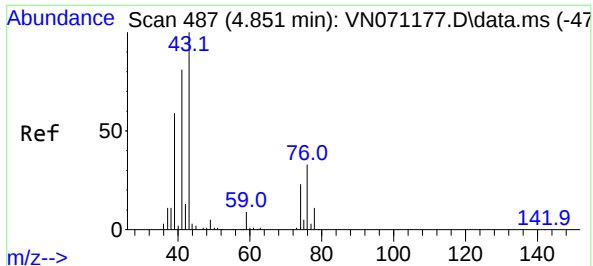
Tgt Ion:168 Resp: 777091  
Ion Ratio Lower Upper  
168 100  
99 58.5 41.3 61.9



#16  
Acetone  
Concen: 6.949 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VN071262.D  
Acq: 14 Mar 2022 13:38

Tgt Ion: 43 Resp: 36011  
Ion Ratio Lower Upper  
43 100  
58 33.2 23.1 34.7

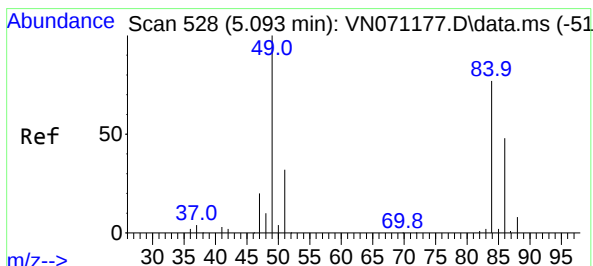
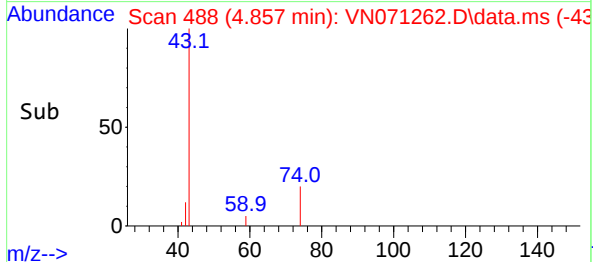
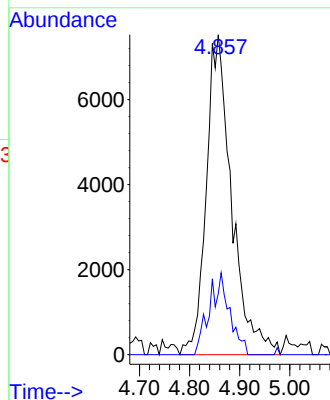
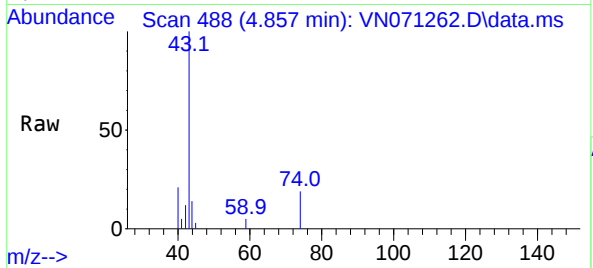




#18  
Methyl Acetate  
Concen: 2.359 ug/l  
RT: 4.857 min Scan# 487  
Delta R.T. 0.006 min  
Lab File: VN071262.D  
Acq: 14 Mar 2022 13:38

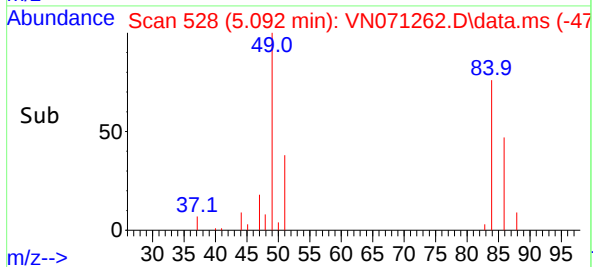
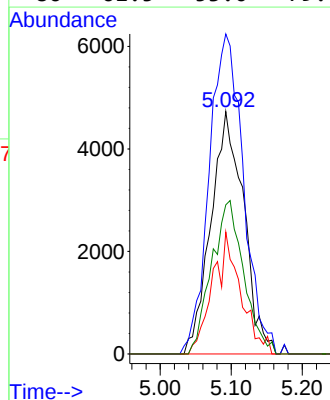
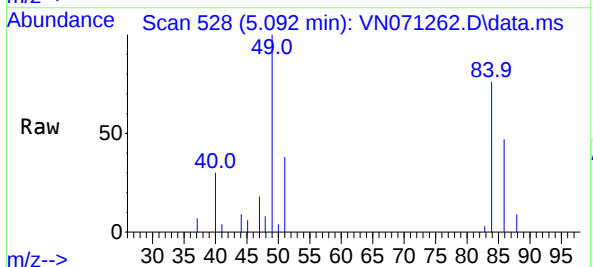
Instrument :  
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ClientSampleId :  
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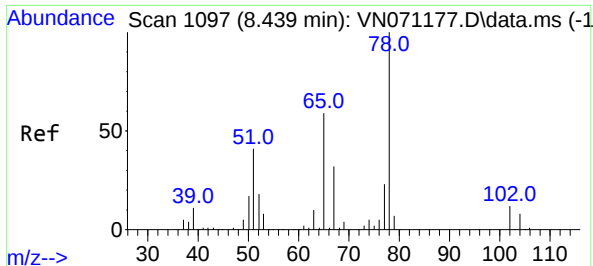
Tgt Ion: 43 Resp: 26533  
Ion Ratio Lower Upper  
43 100  
74 20.4 19.4 29.2



#20  
Methylene Chloride  
Concen: 1.976 ug/l  
RT: 5.092 min Scan# 528  
Delta R.T. -0.001 min  
Lab File: VN071262.D  
Acq: 14 Mar 2022 13:38

Tgt Ion: 84 Resp: 15211  
Ion Ratio Lower Upper  
84 100  
49 132.0 93.5 140.3  
51 50.3 29.4 44.2#  
86 61.5 53.0 79.4

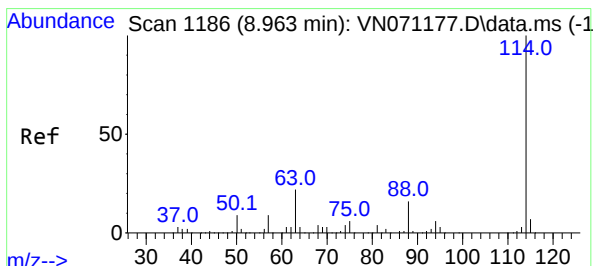
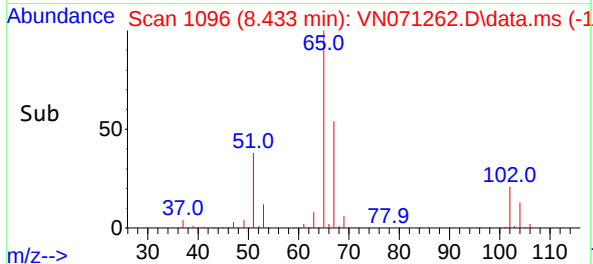
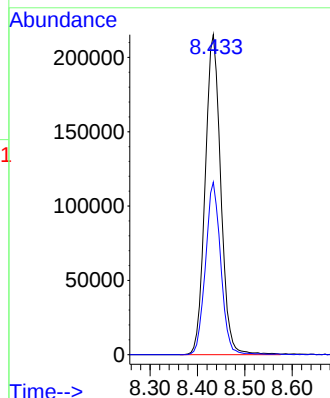
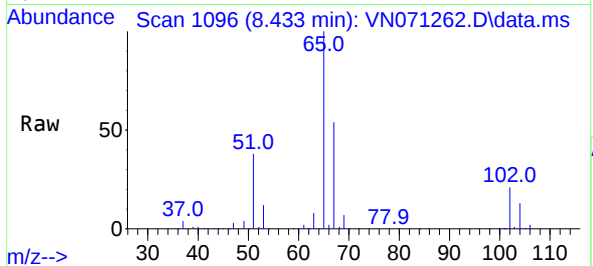




#33  
1,2-Dichloroethane-d4  
Concen: 46.237 ug/l  
RT: 8.433 min Scan# 1097  
Delta R.T. -0.006 min  
Lab File: VN071262.D  
Acq: 14 Mar 2022 13:38

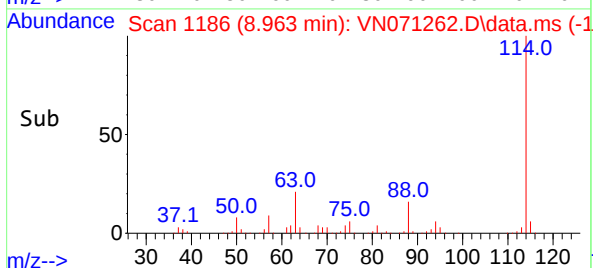
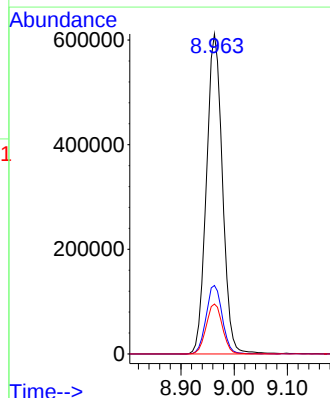
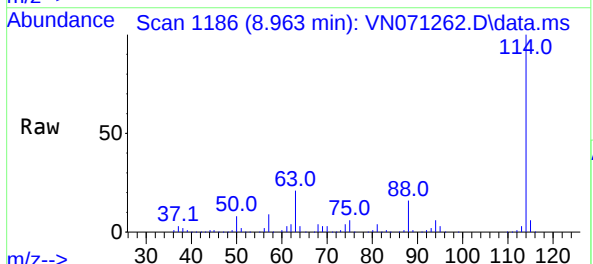
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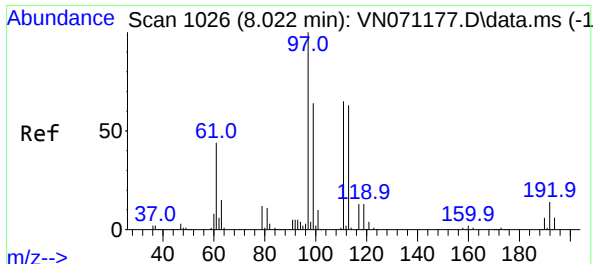
Tgt Ion: 65 Resp: 492437  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 103.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN071262.D  
Acq: 14 Mar 2022 13:38

Tgt Ion: 114 Resp: 1279020  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 37.8  
88 15.6 0.0 27.4

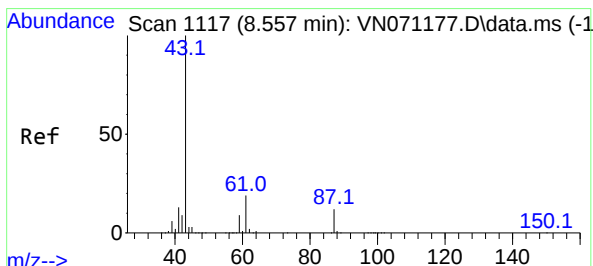
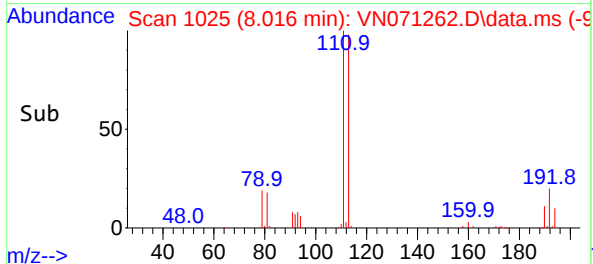
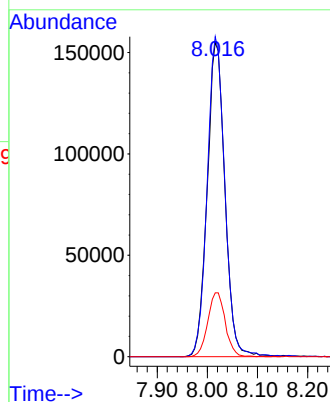
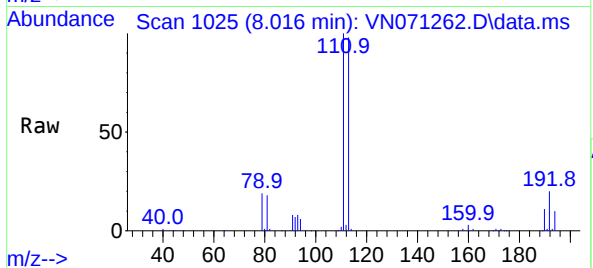




#35  
Dibromofluoromethane  
Concen: 47.084 ug/l  
RT: 8.016 min Scan# 110  
Delta R.T. -0.006 min  
Lab File: VN071262.D  
Acq: 14 Mar 2022 13:38

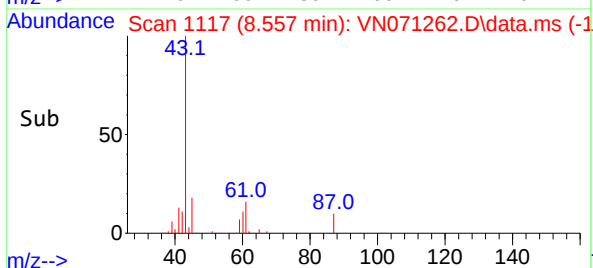
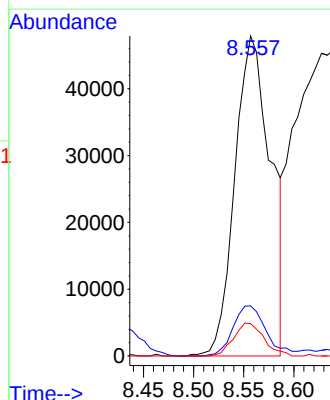
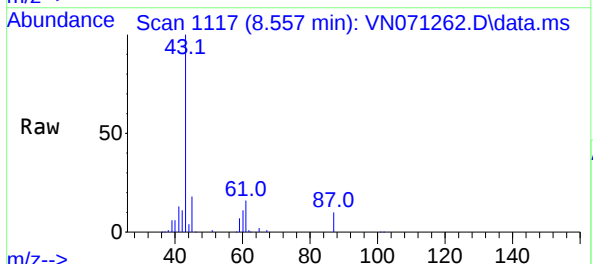
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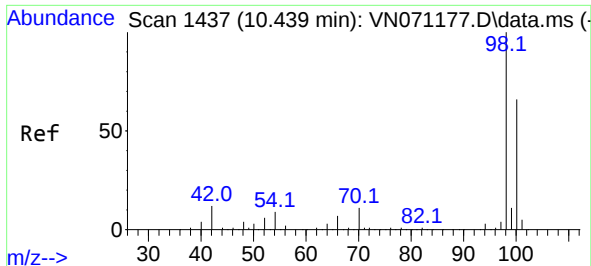
Tgt Ion:113 Resp: 380020  
Ion Ratio Lower Upper  
113 100  
111 101.1 82.2 123.2  
192 20.1 16.9 25.3



#43  
Isopropyl Acetate  
Concen: 4.494 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. -0.000 min  
Lab File: VN071262.D  
Acq: 14 Mar 2022 13:38

Tgt Ion: 43 Resp: 119612  
Ion Ratio Lower Upper  
43 100  
61 14.5 20.4 30.6#  
87 8.6 11.2 16.8#

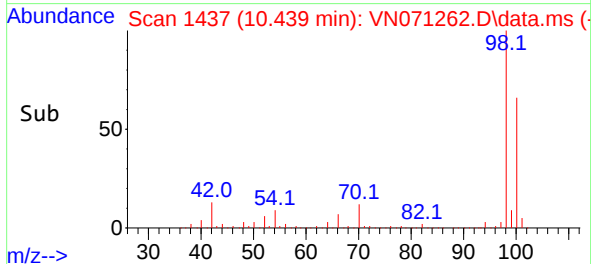
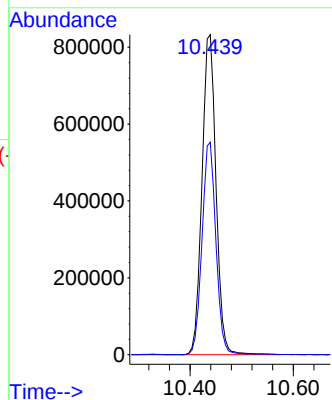
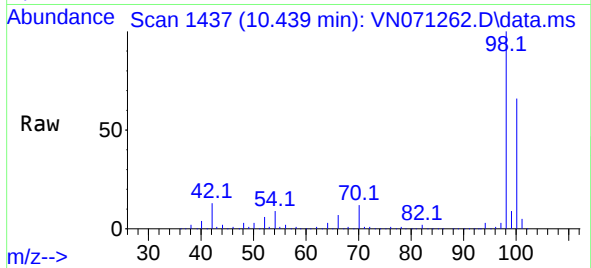




#50  
Toluene-d8  
Concen: 48.241 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN071262.D  
Acq: 14 Mar 2022 13:38

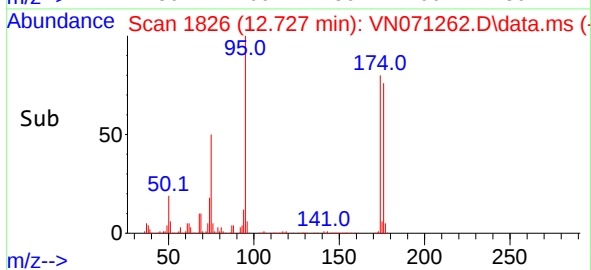
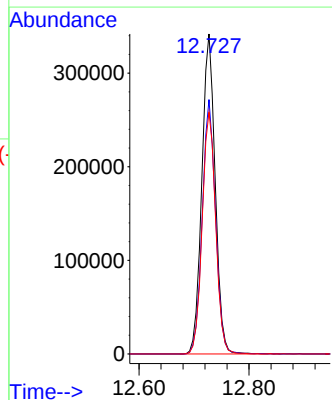
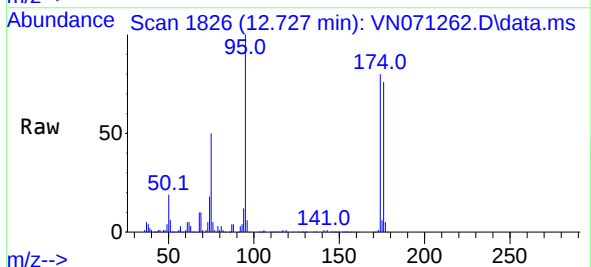
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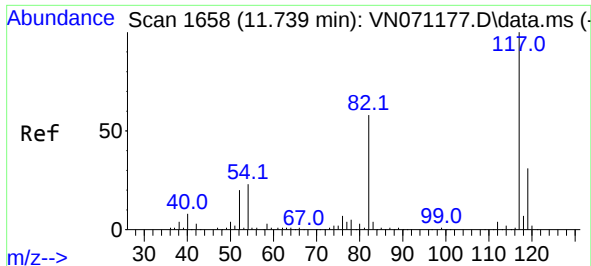
Tgt Ion: 98 Resp: 1567653  
Ion Ratio Lower Upper  
98 100  
100 65.6 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 52.330 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN071262.D  
Acq: 14 Mar 2022 13:38

Tgt Ion: 95 Resp: 575842  
Ion Ratio Lower Upper  
95 100  
174 79.0 0.0 187.2  
176 76.3 0.0 181.4

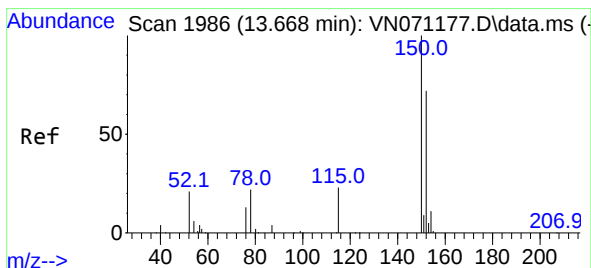
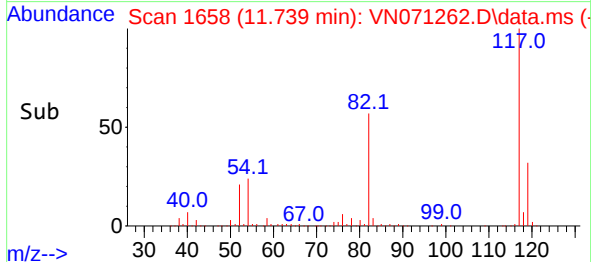
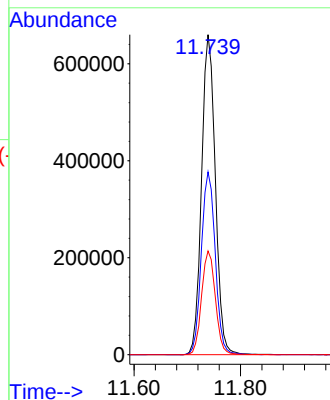
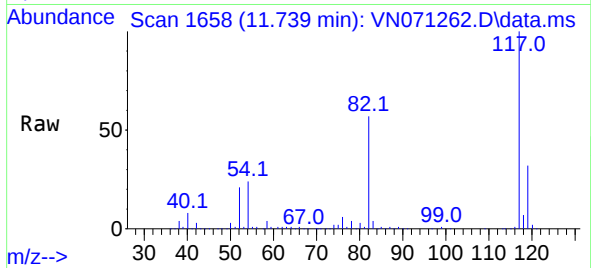




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN071262.D  
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Instrument :  
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ClientSampleId :  
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Tgt Ion:117 Resp: 1184686  
Ion Ratio Lower Upper  
117 100  
82 57.1 42.4 63.6  
119 32.4 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN071262.D  
Acq: 14 Mar 2022 13:38

Tgt Ion:152 Resp: 437723  
Ion Ratio Lower Upper  
152 100  
115 57.7 27.5 82.5  
150 156.6 0.0 344.4

