

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041224\  
 Data File : VN081711.D  
 Acq On : 12 Apr 2024 12:32  
 Operator : JC\MD  
 Sample : P2041-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RSB-01-75-040924

Quant Time: Apr 13 06:54:19 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031824W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 19 06:00:00 2024  
 Response via : Initial Calibration

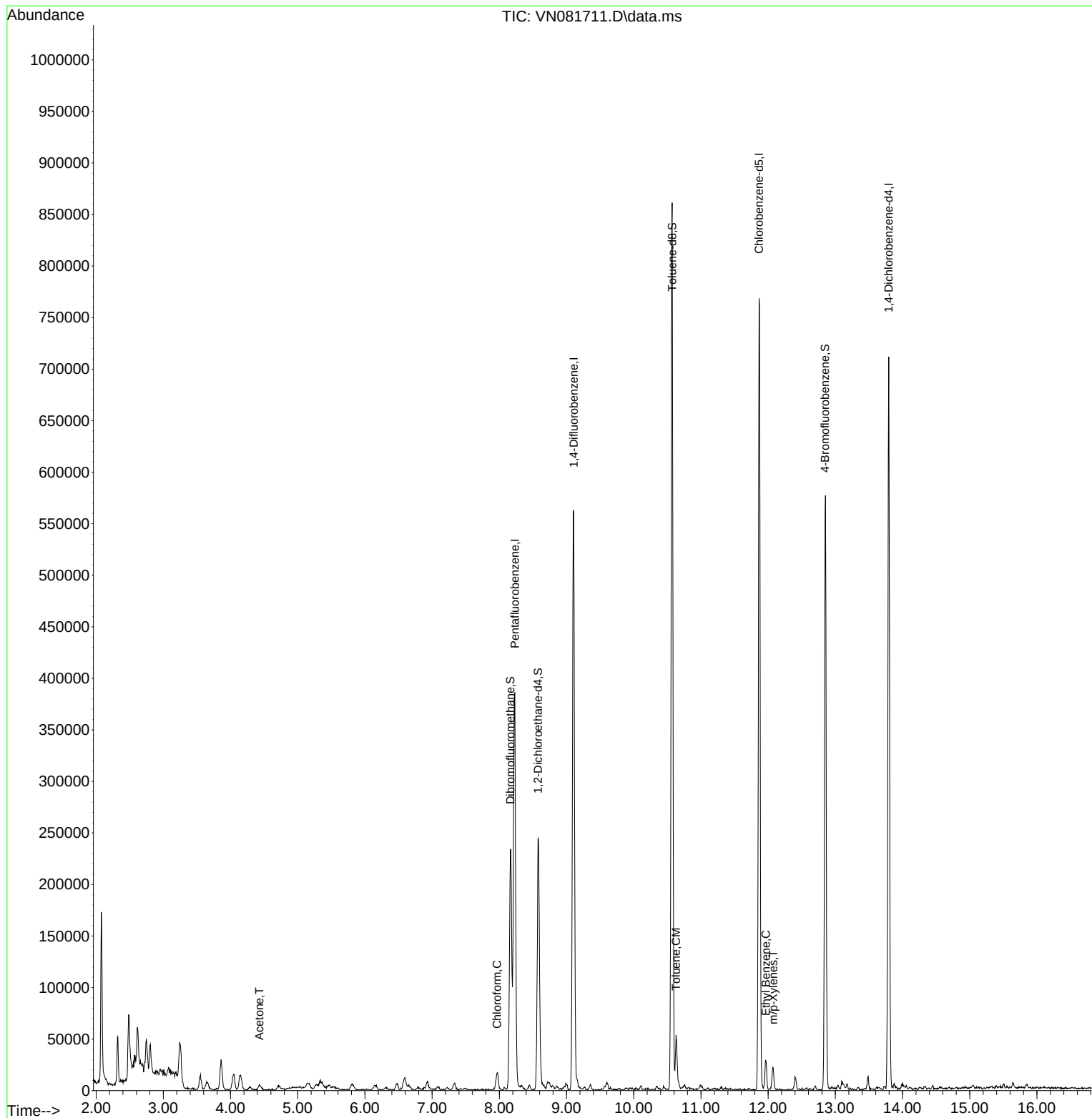
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 274230   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 494870   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 450200   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 184329   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 197079   | 56.354   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 112.700% |
| 35) Dibromofluoromethane    | 8.165  | 113   | 166914   | 53.444   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 106.880% |
| 50) Toluene-d8              | 10.571 | 98    | 593681   | 52.586   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 105.180% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 194681   | 48.939   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =      | 97.880%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.430  | 43    | 8035     | 7.109    | ug/l   | 91       |
| 30) Chloroform              | 7.965  | 83    | 16190    | 2.396    | ug/l   | 98       |
| 52) Toluene                 | 10.630 | 92    | 20608    | 2.110    | ug/l   | 100      |
| 67) Ethyl Benzene           | 11.965 | 91    | 19692    | 1.065    | ug/l   | 99       |
| 68) m/p-Xylenes             | 12.076 | 106   | 7157     | 1.033    | ug/l   | 89       |
| -----                       |        |       |          |          |        |          |

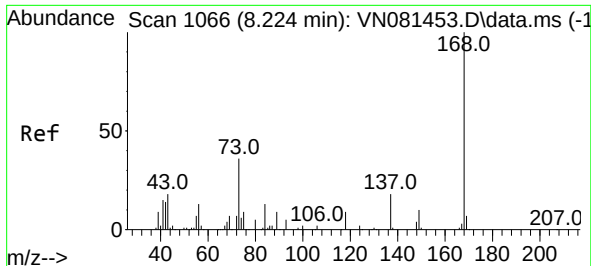
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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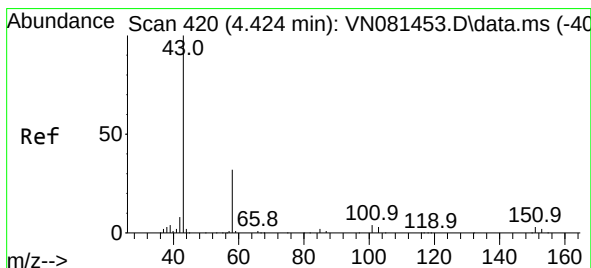
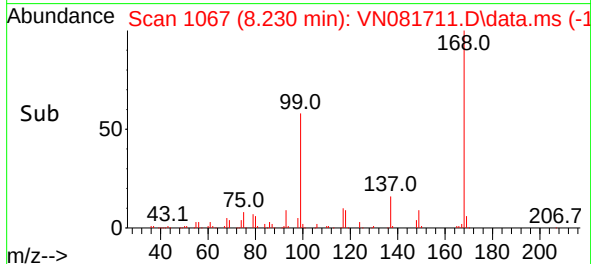
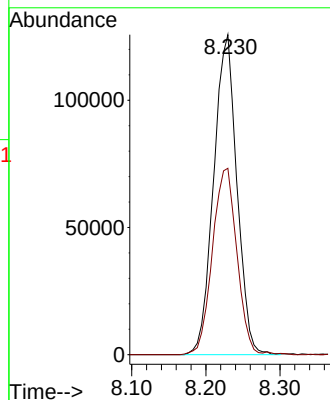
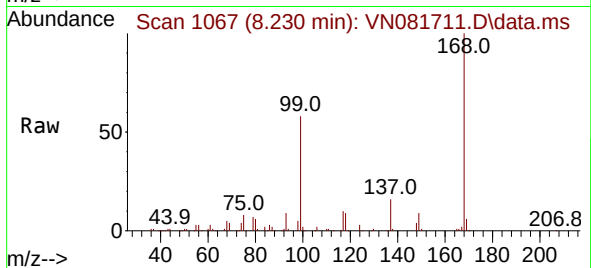




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN081711.D  
Acq: 12 Apr 2024 12:32

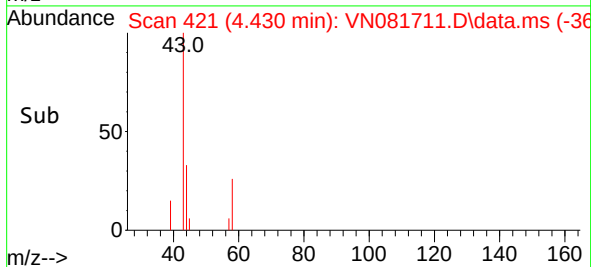
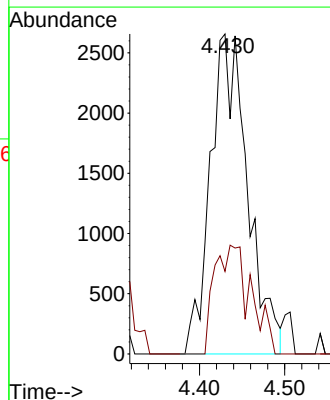
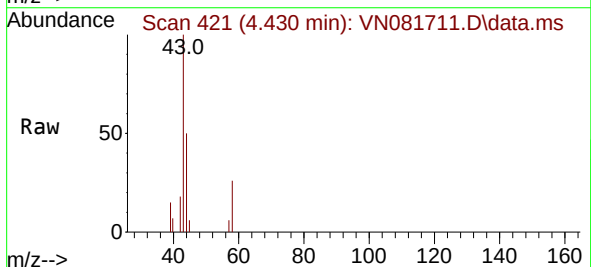
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ClientSampleId :  
RSB-01-75-040924

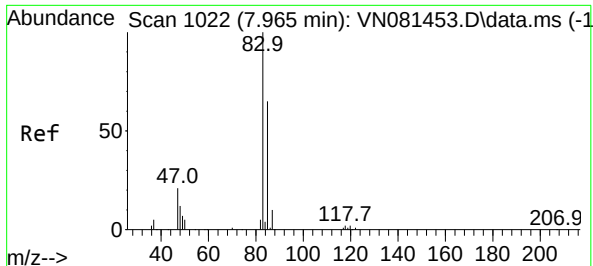
Tgt Ion:168 Resp: 274230  
Ion Ratio Lower Upper  
168 100  
99 58.3 59.9 89.9#



#16  
Acetone  
Concen: 7.109 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN081711.D  
Acq: 12 Apr 2024 12:32

Tgt Ion: 43 Resp: 8035  
Ion Ratio Lower Upper  
43 100  
58 25.8 24.8 37.2

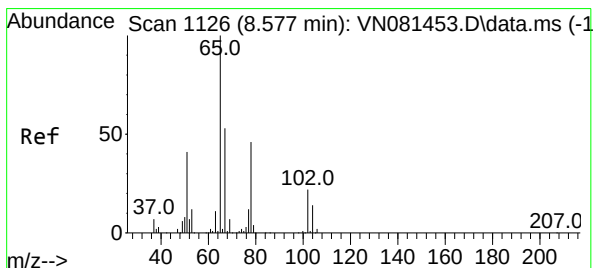
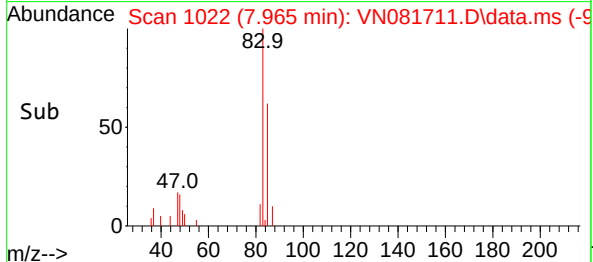
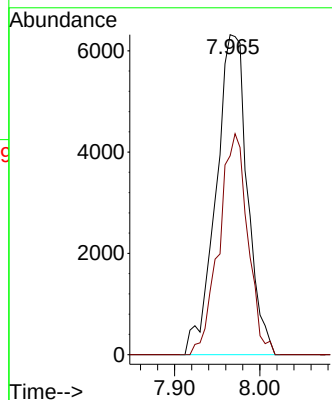
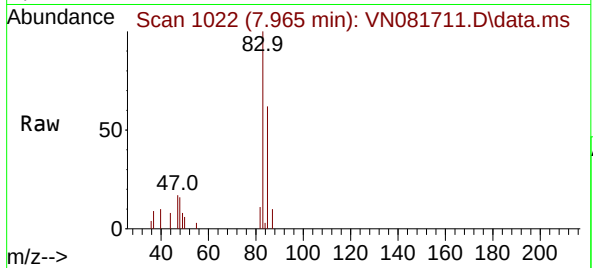




#30  
Chloroform  
Concen: 2.396 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: VN081711.D  
Acq: 12 Apr 2024 12:32

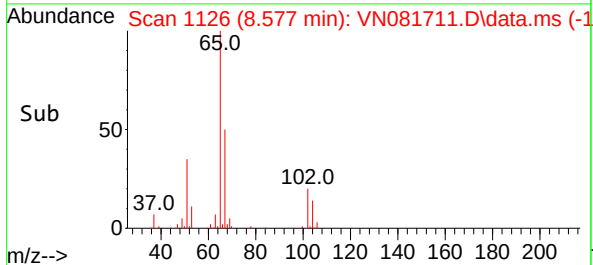
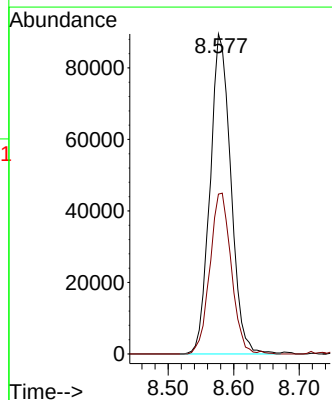
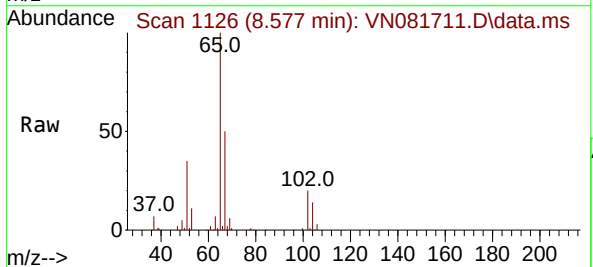
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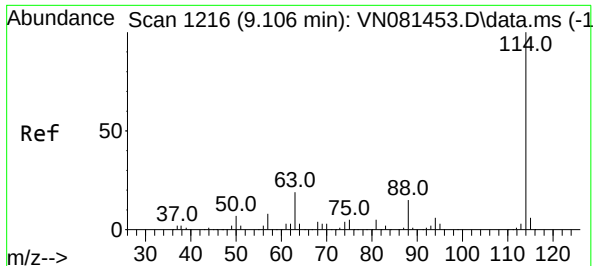
Tgt Ion: 83 Resp: 16190  
Ion Ratio Lower Upper  
83 100  
85 62.2 51.0 76.6



#33  
1,2-Dichloroethane-d4  
Concen: 56.354 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN081711.D  
Acq: 12 Apr 2024 12:32

Tgt Ion: 65 Resp: 197079  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

Instrument :

MSVOA\_N

ClientSampleId :

RSB-01-75-040924

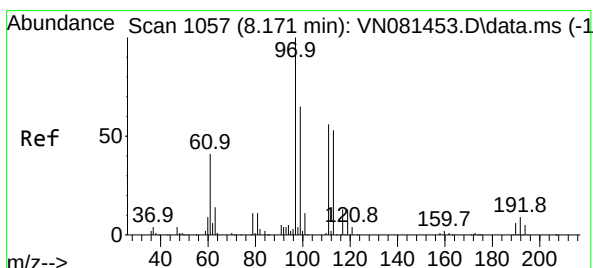
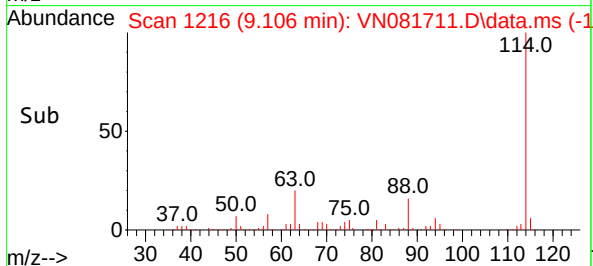
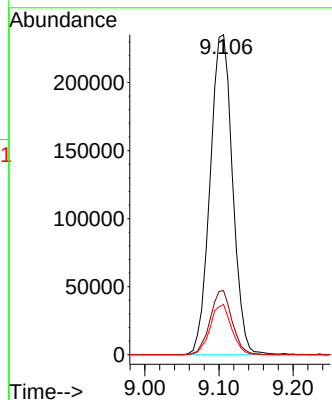
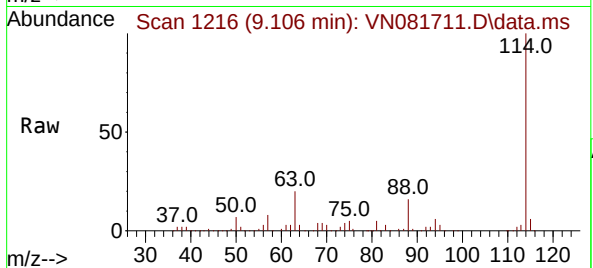
Tgt Ion:114 Resp: 494870

Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 15.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 53.444 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

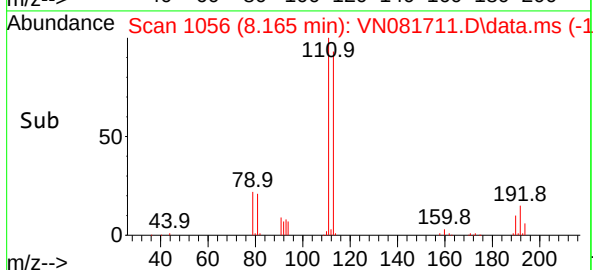
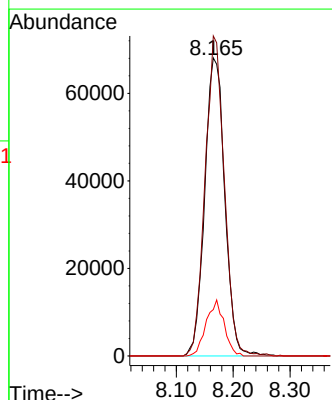
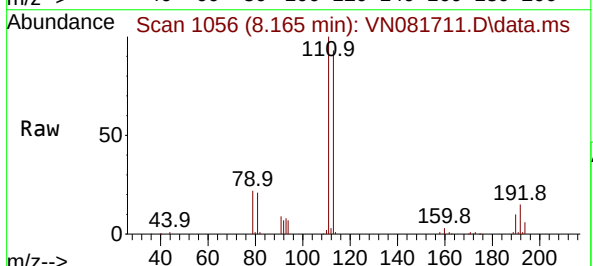
Tgt Ion:113 Resp: 166914

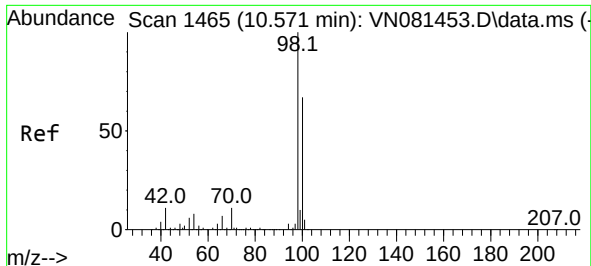
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 16.9 12.5 18.7

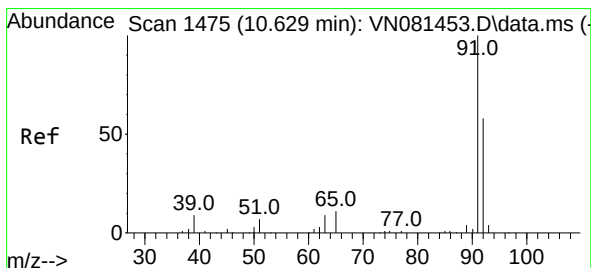
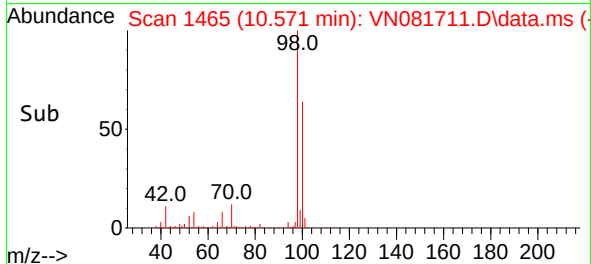
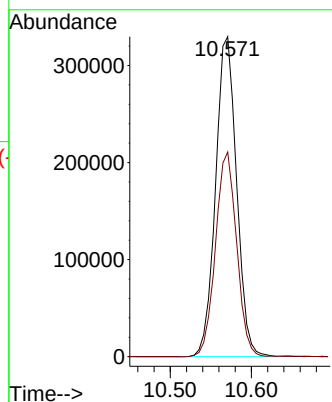
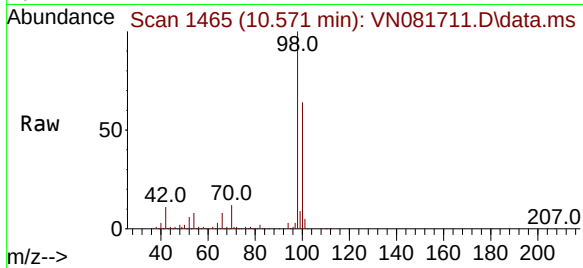




#50  
Toluene-d8  
Concen: 52.586 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN081711.D  
Acq: 12 Apr 2024 12:32

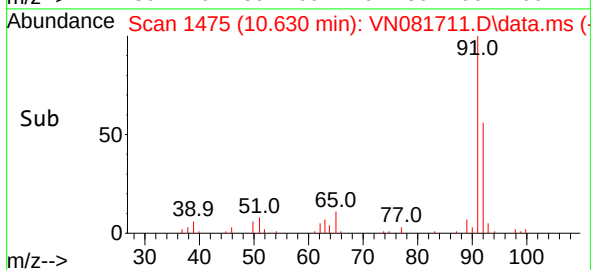
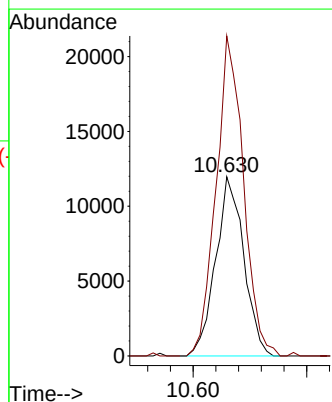
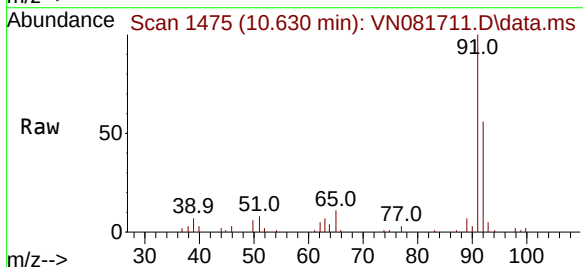
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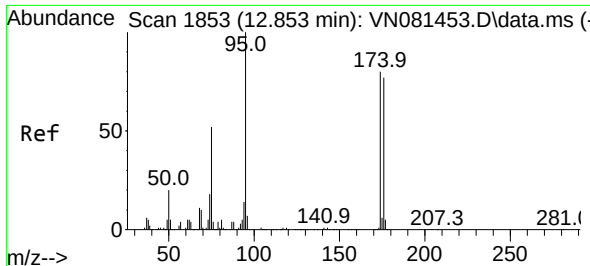
Tgt Ion: 98 Resp: 593681  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.4 77.0



#52  
Toluene  
Concen: 2.110 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN081711.D  
Acq: 12 Apr 2024 12:32

Tgt Ion: 92 Resp: 20608  
Ion Ratio Lower Upper  
92 100  
91 174.0 139.4 209.0

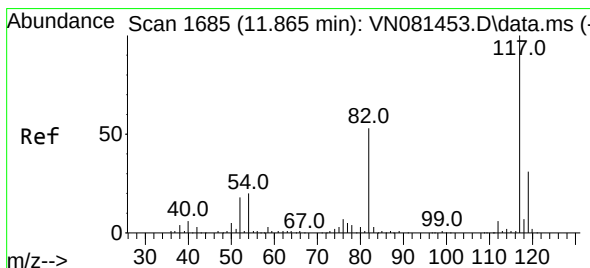
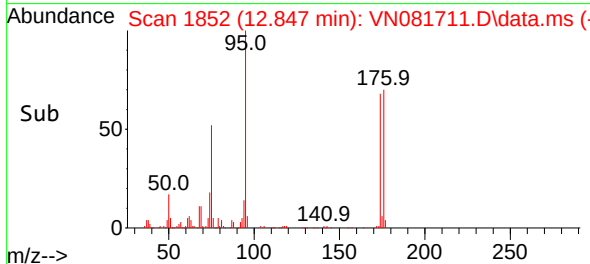
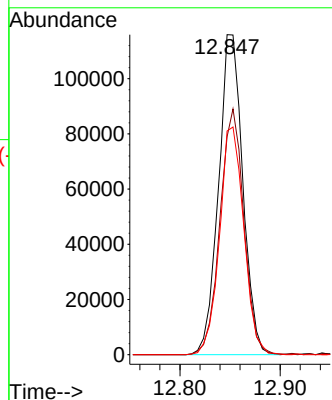
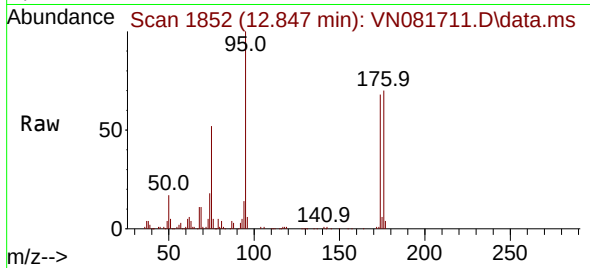




#62  
4-Bromofluorobenzene  
Concen: 48.939 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.006 min  
Lab File: VN081711.D  
Acq: 12 Apr 2024 12:32

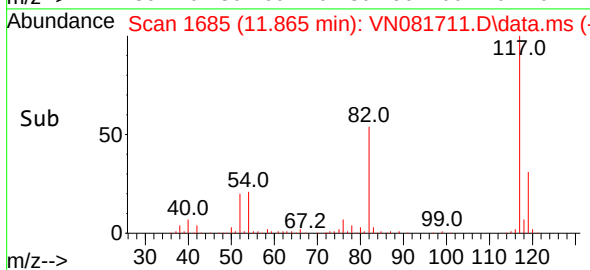
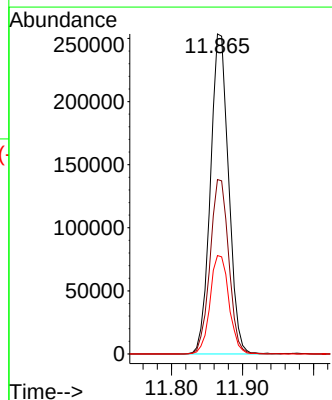
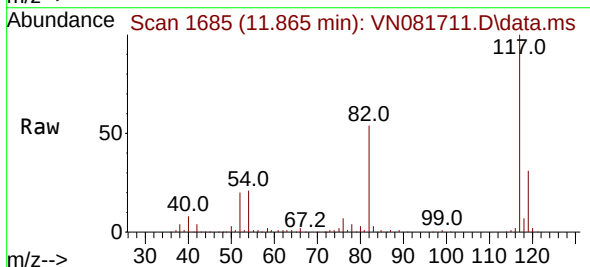
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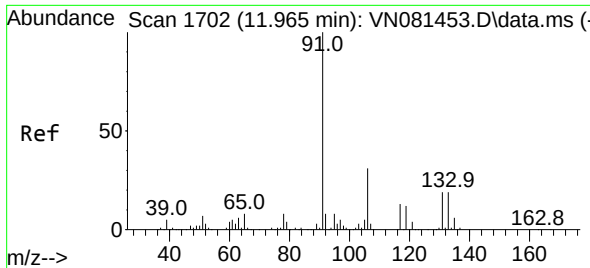
Tgt Ion: 95 Resp: 194681  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 120.4  
176 71.3 0.0 121.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN081711.D  
Acq: 12 Apr 2024 12:32

Tgt Ion: 117 Resp: 450200  
Ion Ratio Lower Upper  
117 100  
82 54.5 52.7 79.1  
119 30.8 25.3 37.9

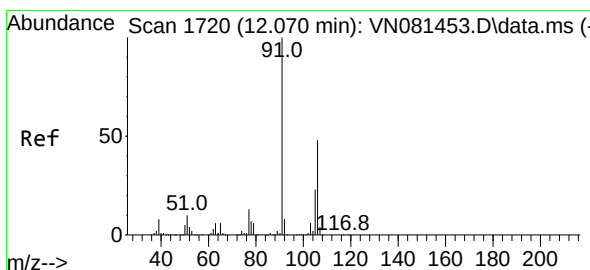
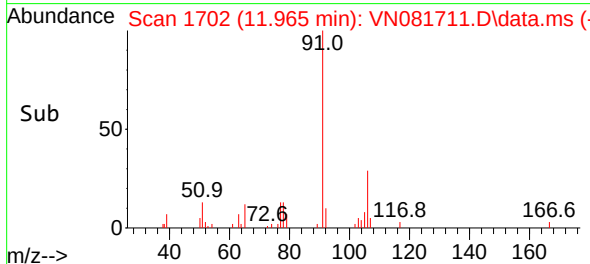
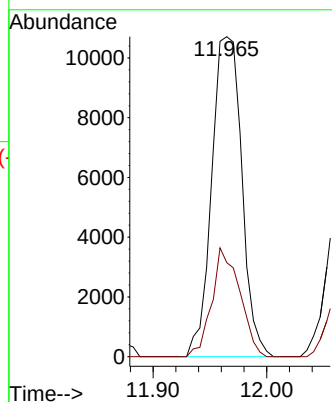
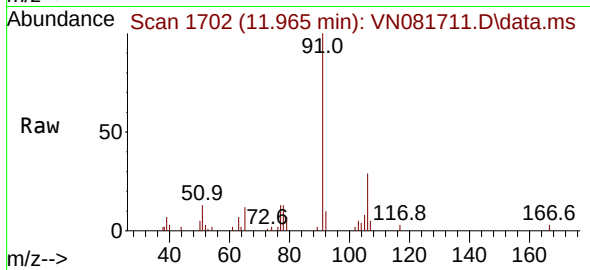




#67  
Ethyl Benzene  
Concen: 1.065 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081711.D  
Acq: 12 Apr 2024 12:32

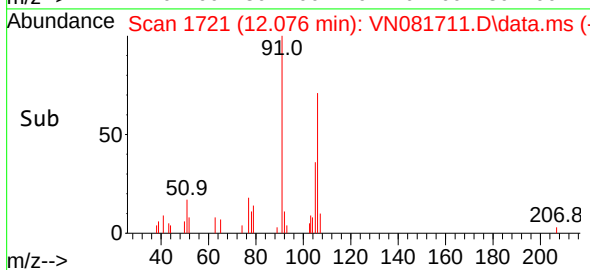
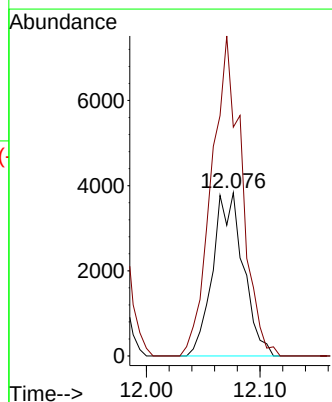
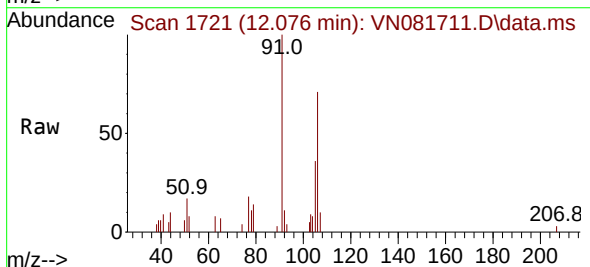
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Tgt Ion: 91 Resp: 19692  
Ion Ratio Lower Upper  
91 100  
106 29.4 23.8 35.6

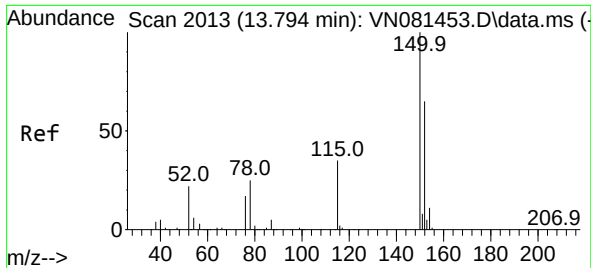


#68  
m/p-Xylenes  
Concen: 1.033 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN081711.D  
Acq: 12 Apr 2024 12:32

Tgt Ion: 106 Resp: 7157  
Ion Ratio Lower Upper  
106 100  
91 193.9 169.0 253.6

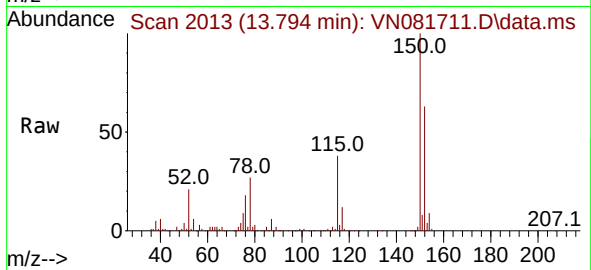






#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN081711.D  
 Acq: 12 Apr 2024 12:32

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Tgt Ion:152 Resp: 184329  
 Ion Ratio Lower Upper  
 152 100  
 115 62.8 32.3 96.8  
 150 159.9 0.0 339.8

