

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060724\  
 Data File : VN082491.D  
 Acq On : 07 Jun 2024 14:36  
 Operator : JC\MD  
 Sample : P2772-07  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-189-DUP-20240606

Quant Time: Jun 08 00:58:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 05:21:06 2024  
 Response via : Initial Calibration

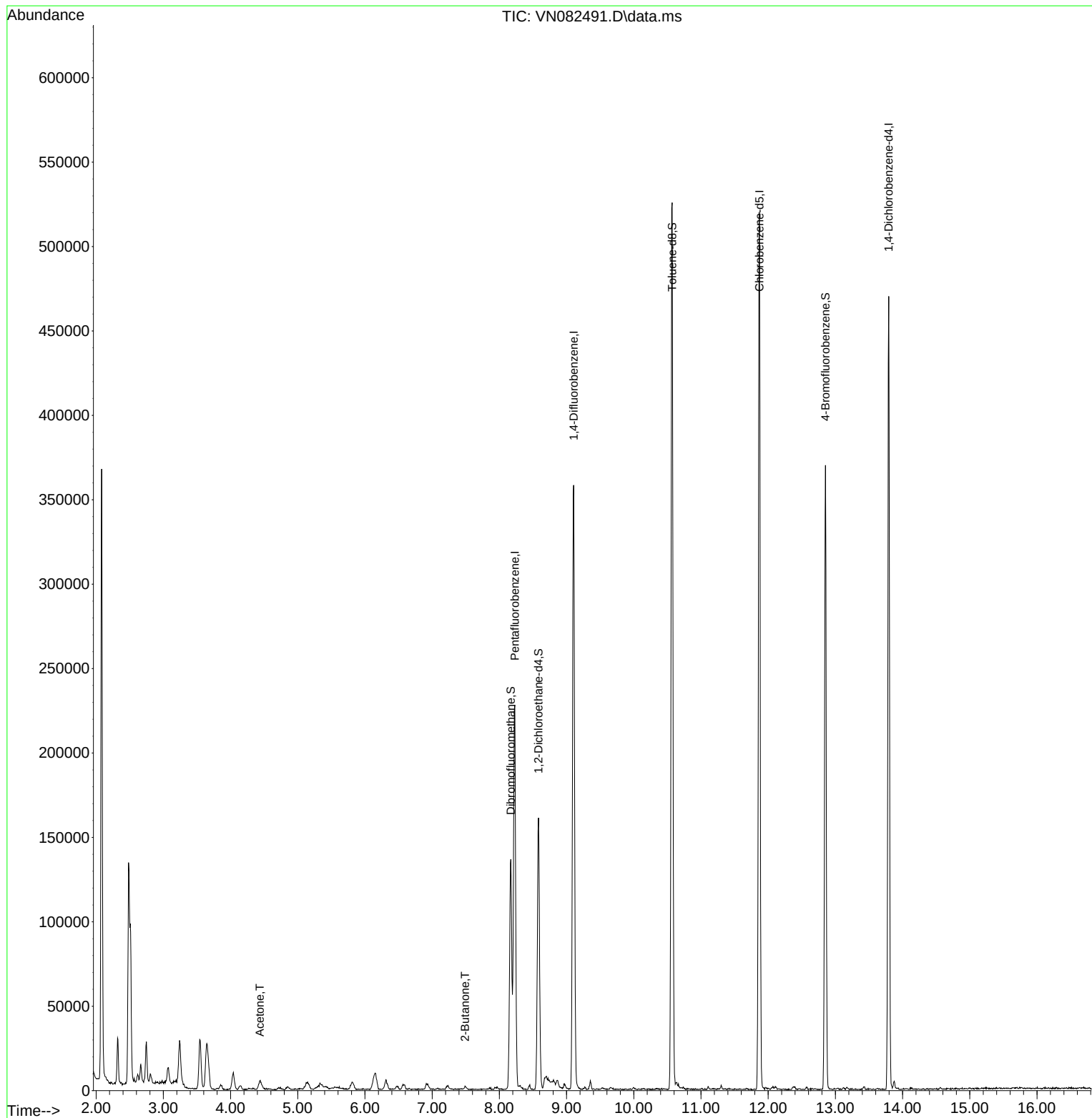
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.229  | 168   | 157401   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 287862   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.870 | 117   | 278846   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 116854   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 131120   | 52.756   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 105.520% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 94581    | 53.412   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 106.820% |
| 50) Toluene-d8              | 10.570 | 98    | 351761   | 51.813   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 103.620% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 116766   | 48.187   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =      | 96.380%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.436  | 43    | 10154    | 9.959    | ug/l # | 81       |
| 25) 2-Butanone              | 7.488  | 43    | 3140     | 2.031    | ug/l # | 84       |
| -----                       |        |       |          |          |        |          |

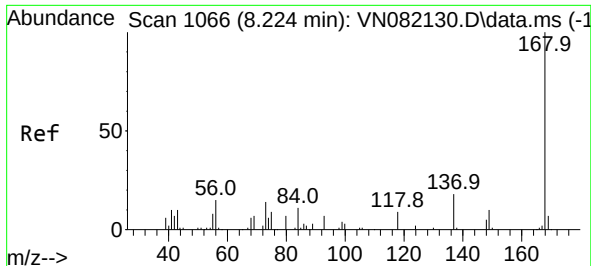
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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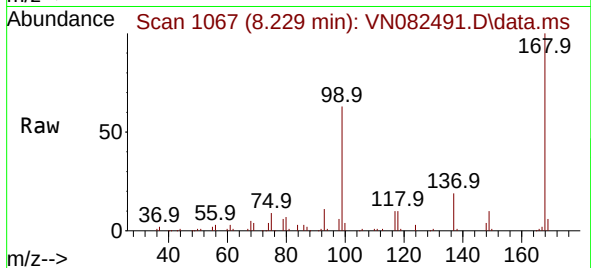
Quant Time: Jun 08 00:58:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 16 05:21:06 2024  
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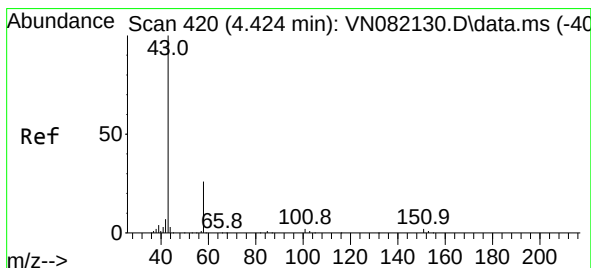
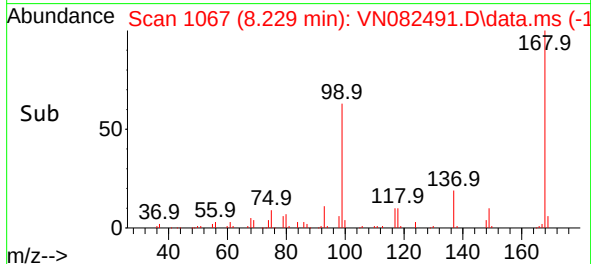
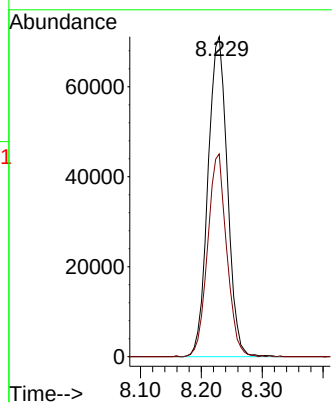


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1066  
Delta R.T. 0.005 min  
Lab File: VN082491.D  
Acq: 07 Jun 2024 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-189-DUP-20240606

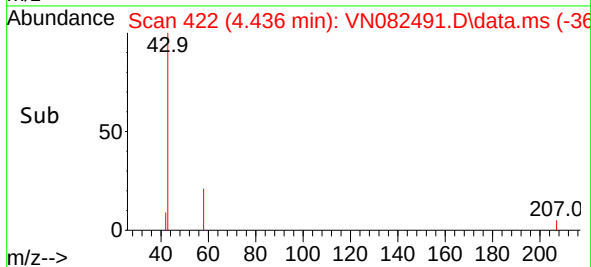
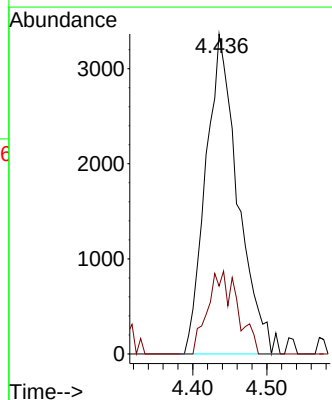
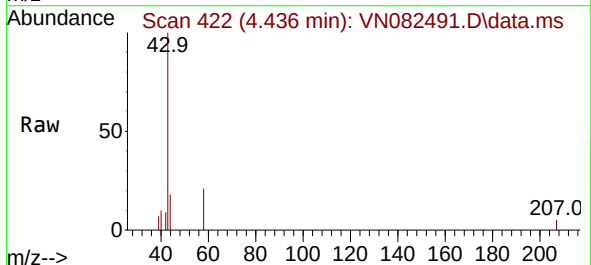


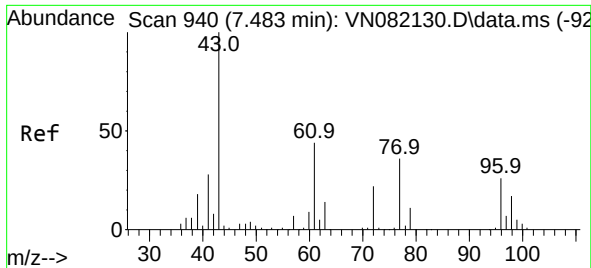
Tgt Ion:168 Resp: 157401  
Ion Ratio Lower Upper  
168 100  
99 63.4 48.2 72.4



#16  
Acetone  
Concen: 9.959 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.012 min  
Lab File: VN082491.D  
Acq: 07 Jun 2024 14:36

Tgt Ion: 43 Resp: 10154  
Ion Ratio Lower Upper  
43 100  
58 21.2 25.2 37.8#

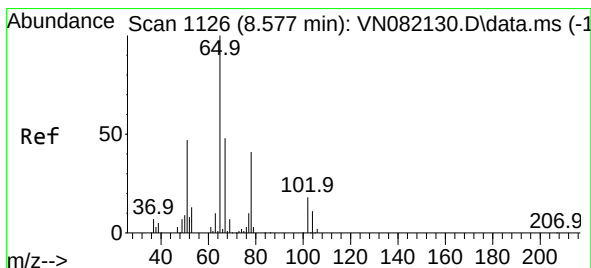
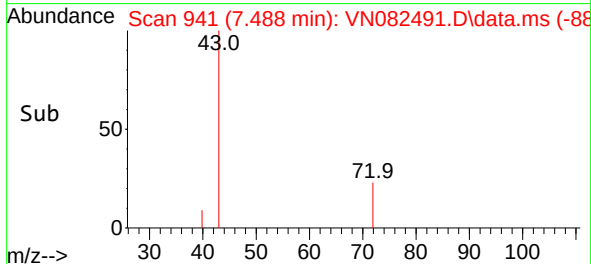
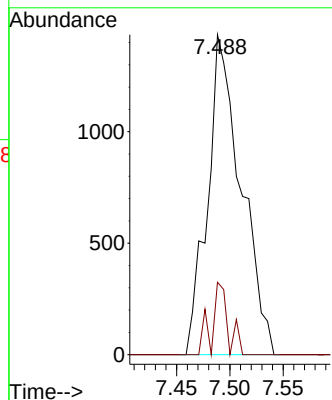
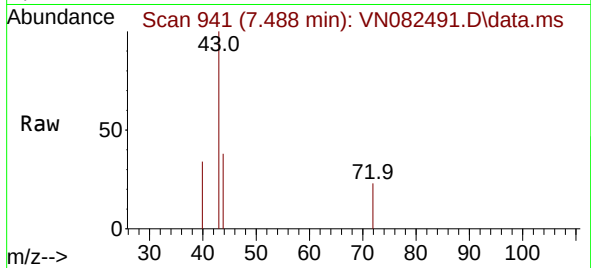




#25  
2-Butanone  
Concen: 2.031 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN082491.D  
Acq: 07 Jun 2024 14:36

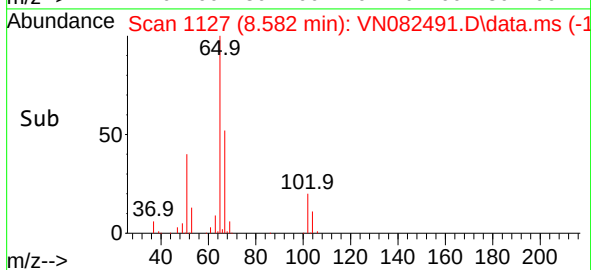
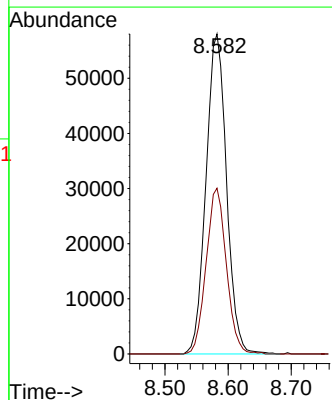
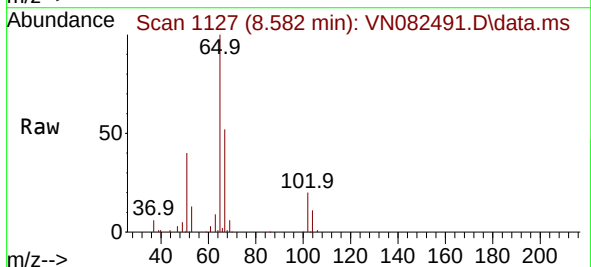
Instrument :  
MSVOA\_N  
ClientSampleId :  
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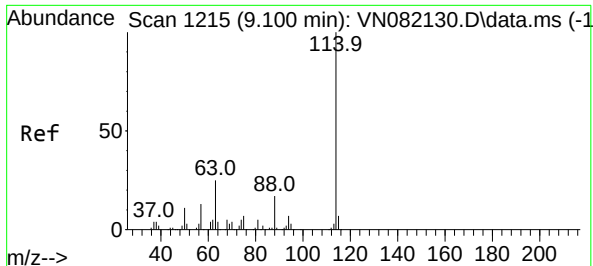
Tgt Ion: 43 Resp: 3140  
Ion Ratio Lower Upper  
43 100  
72 22.6 25.3 37.9#



#33  
1,2-Dichloroethane-d4  
Concen: 52.756 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN082491.D  
Acq: 07 Jun 2024 14:36

Tgt Ion: 65 Resp: 131120  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VN082491.D

Acq: 07 Jun 2024 14:36

Instrument :

MSVOA\_N

ClientSampleId :

BP-VPB-189-DUP-20240606

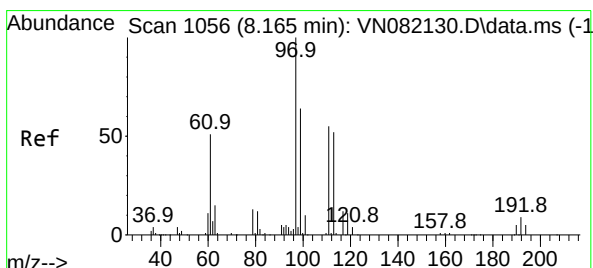
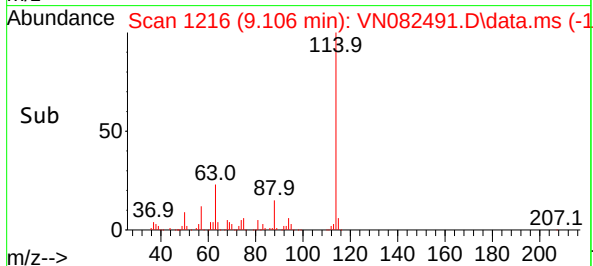
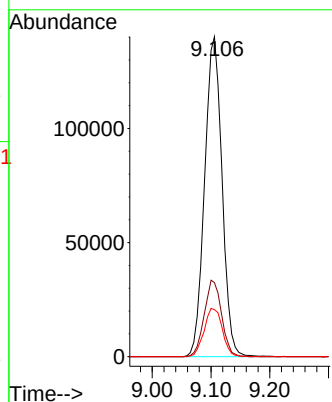
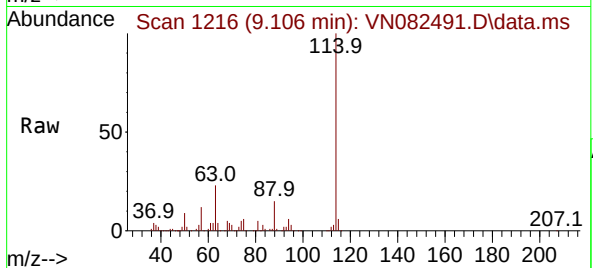
Tgt Ion:114 Resp: 287862

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.0

88 14.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.412 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082491.D

Acq: 07 Jun 2024 14:36

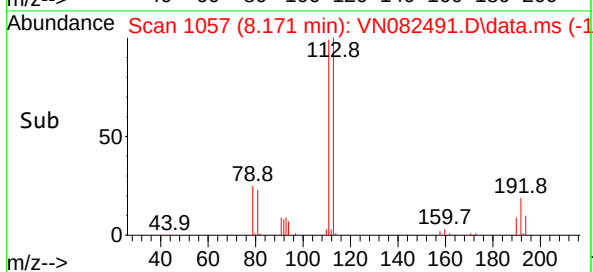
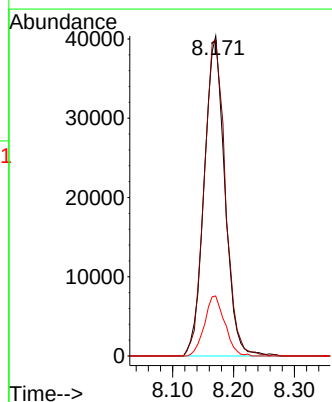
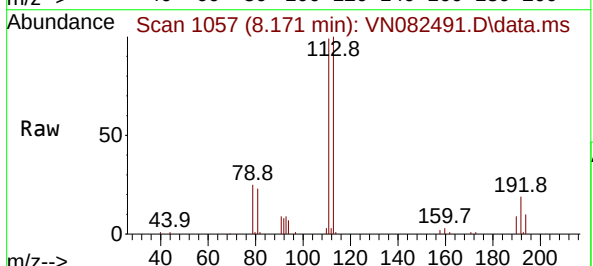
Tgt Ion:113 Resp: 94581

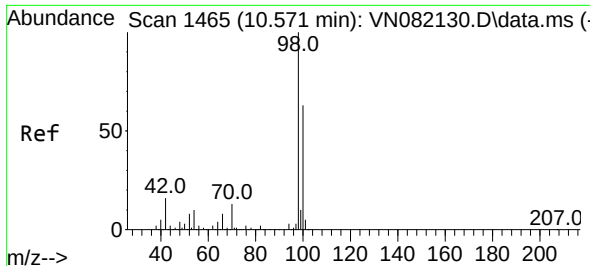
Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.2

192 18.5 14.0 21.0

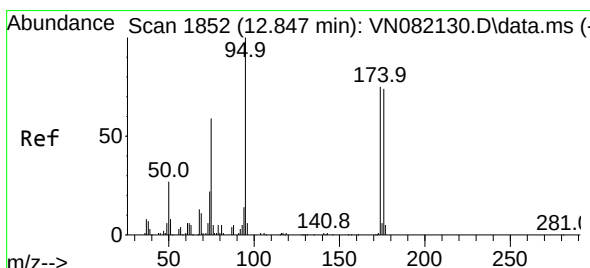
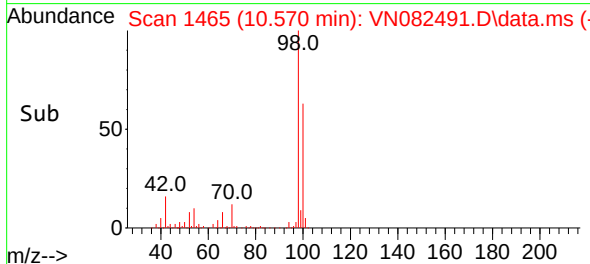
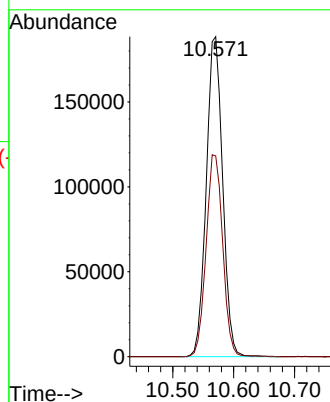
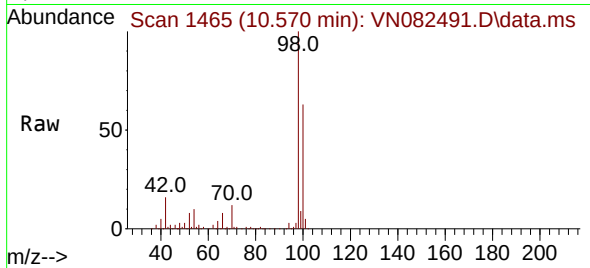




#50  
Toluene-d8  
Concen: 51.813 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN082491.D  
Acq: 07 Jun 2024 14:36

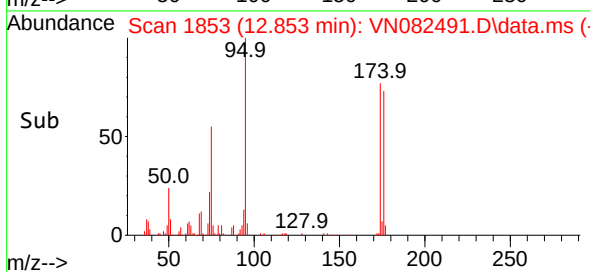
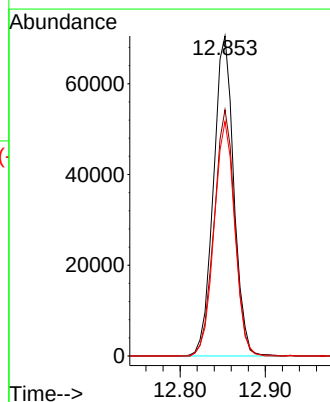
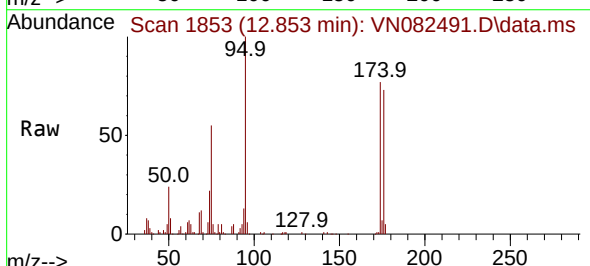
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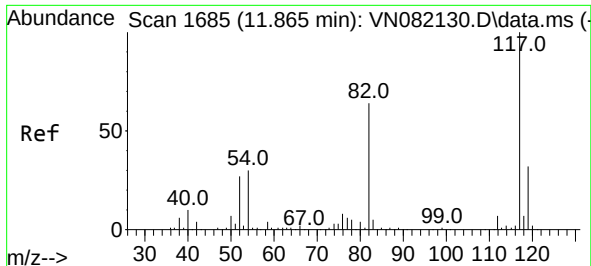
Tgt Ion: 98 Resp: 351761  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 48.187 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082491.D  
Acq: 07 Jun 2024 14:36

Tgt Ion: 95 Resp: 116766  
Ion Ratio Lower Upper  
95 100  
174 78.2 0.0 160.6  
176 74.2 0.0 152.8

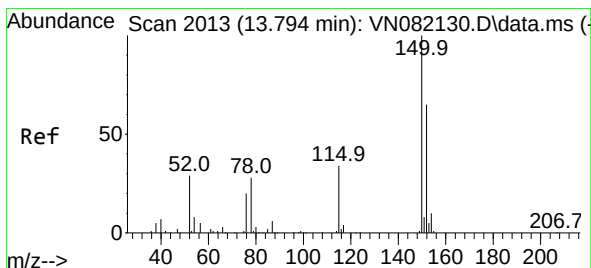
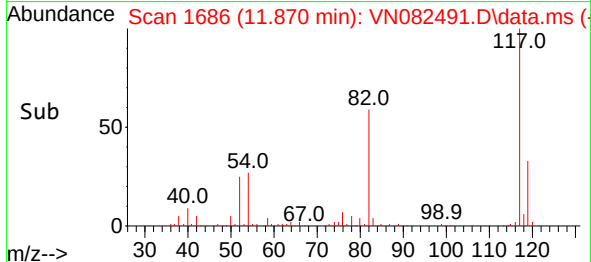
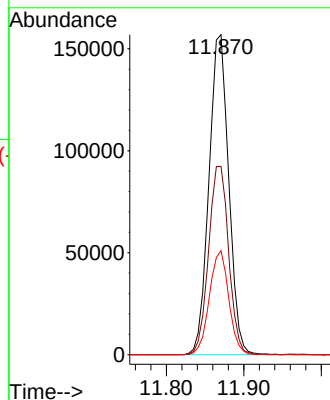
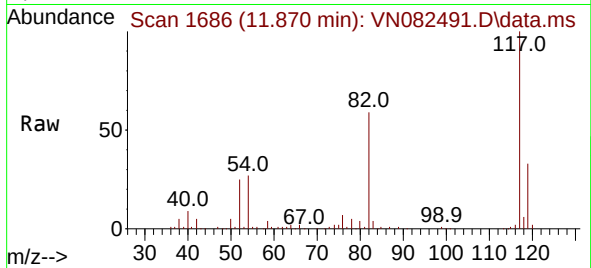




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN082491.D  
Acq: 07 Jun 2024 14:36

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MSVOA\_N  
ClientSampleId :  
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Tgt Ion:117 Resp: 278846  
Ion Ratio Lower Upper  
117 100  
82 58.9 44.6 66.8  
119 32.5 25.9 38.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN082491.D  
Acq: 07 Jun 2024 14:36

Tgt Ion:152 Resp: 116854  
Ion Ratio Lower Upper  
152 100  
115 59.8 30.4 91.3  
150 158.2 0.0 353.2

