

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060724\  
 Data File : VN082499.D  
 Acq On : 07 Jun 2024 17:51  
 Operator : JC\MD  
 Sample : P2772-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-189-GW-58-60

Quant Time: Jun 08 01:01:20 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

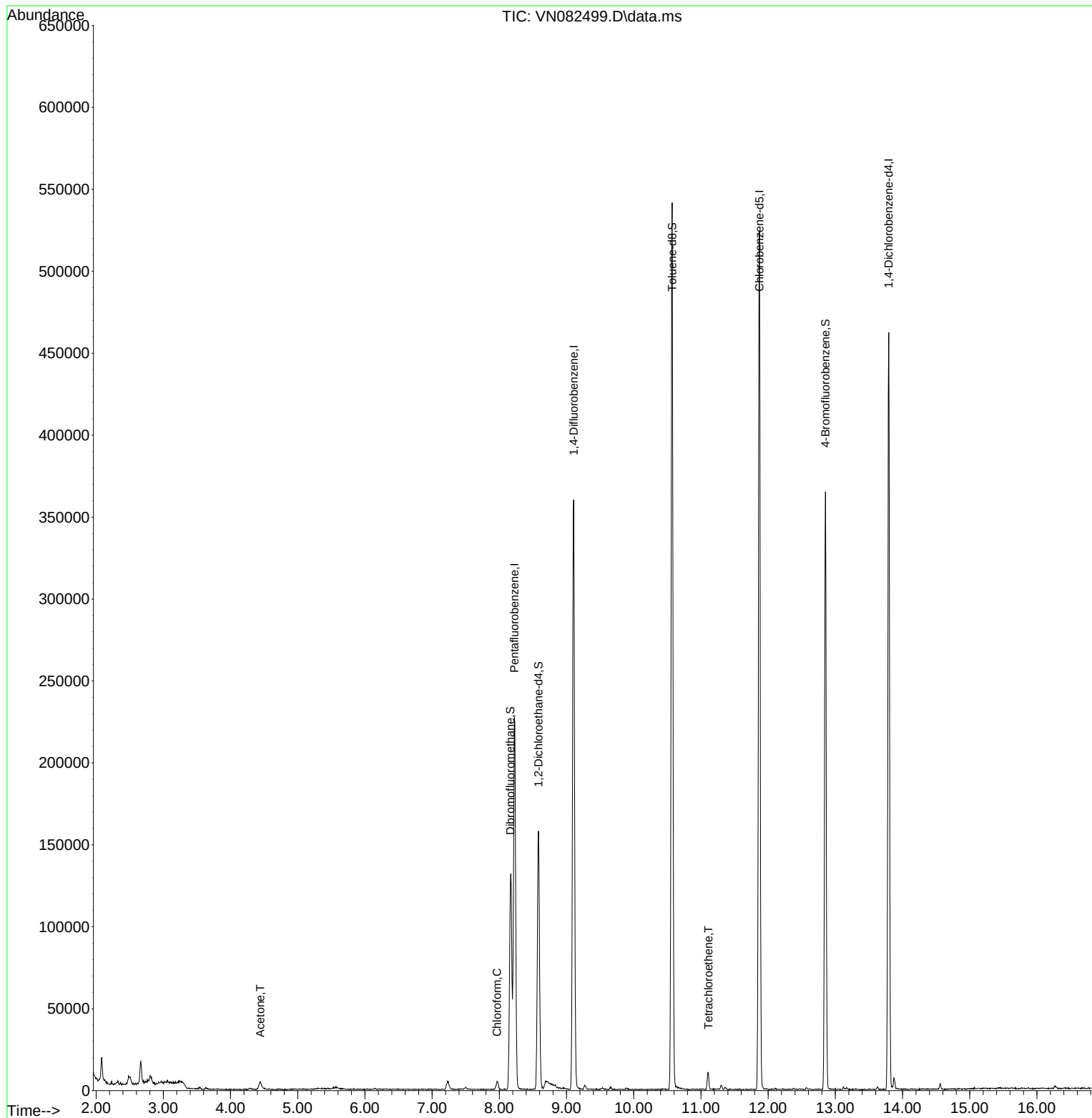
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.224     | 168   | 156168   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114   | 288454   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.871    | 117   | 281476   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 116616   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.583     | 65    | 130641   | 52.978   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 105.960% |          |
| 35) Dibromofluoromethane    | 8.165     | 113   | 93842    | 52.886   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 105.780% |          |
| 50) Toluene-d8              | 10.571    | 98    | 351972   | 51.737   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 103.480% |          |
| 62) 4-Bromofluorobenzene    | 12.853    | 95    | 116719   | 48.069   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 64 - 133 | Recovery | = 96.140%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 4.442     | 43    | 9106     | 9.002    | ug/l #     | 86       |
| 30) Chloroform              | 7.965     | 83    | 4837     | 1.289    | ug/l       | 89       |
| 64) Tetrachloroethene       | 11.112    | 164   | 2599     | 1.246    | ug/l #     | 77       |
| -----                       |           |       |          |          |            |          |

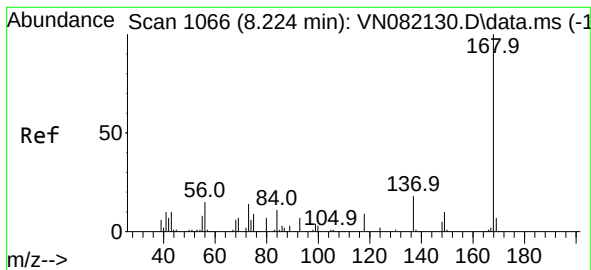
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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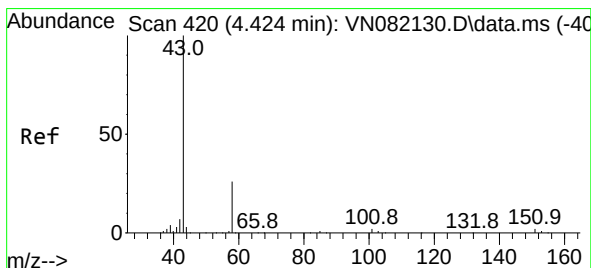
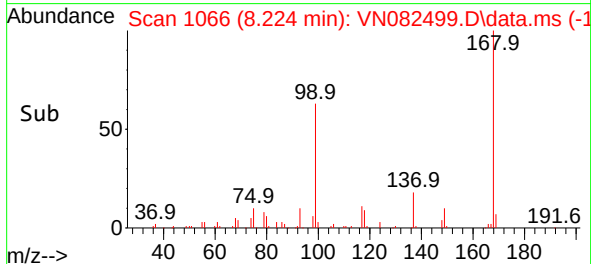
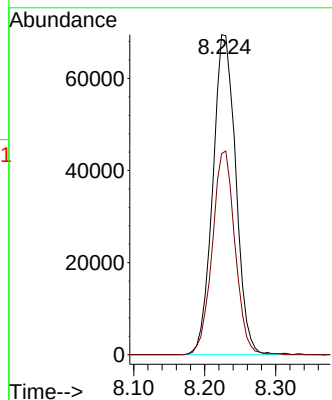
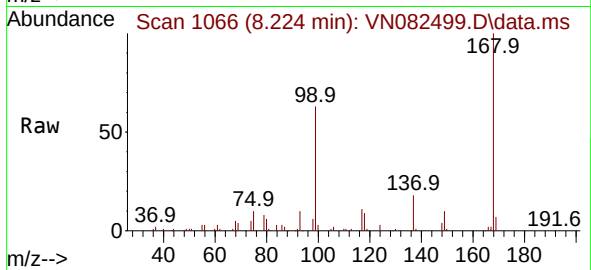




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN082499.D  
Acq: 07 Jun 2024 17:51

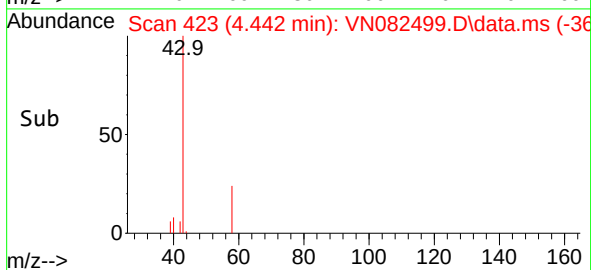
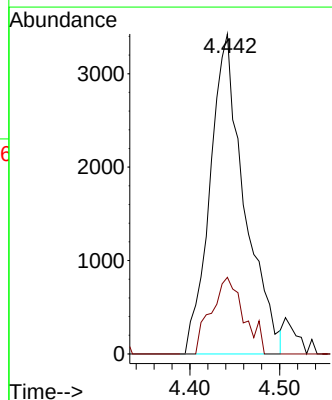
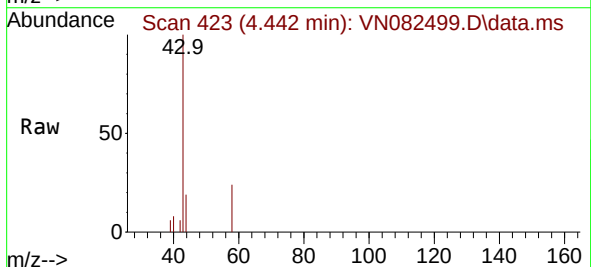
Instrument :  
MSVOA\_N  
ClientSampleId :  
BP-VPB-189-GW-58-60

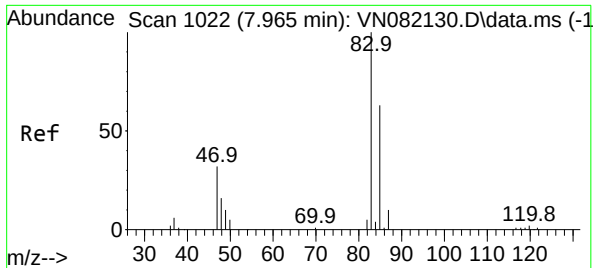
Tgt Ion:168 Resp: 156168  
Ion Ratio Lower Upper  
168 100  
99 62.9 48.2 72.4



#16  
Acetone  
Concen: 9.002 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. 0.018 min  
Lab File: VN082499.D  
Acq: 07 Jun 2024 17:51

Tgt Ion: 43 Resp: 9106  
Ion Ratio Lower Upper  
43 100  
58 23.9 25.2 37.8#

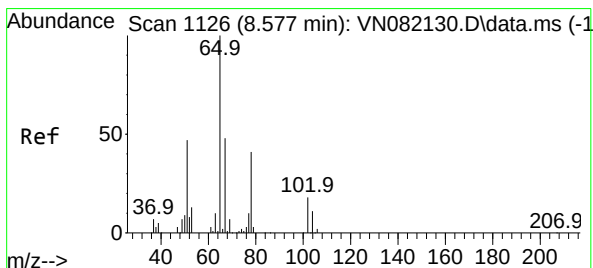
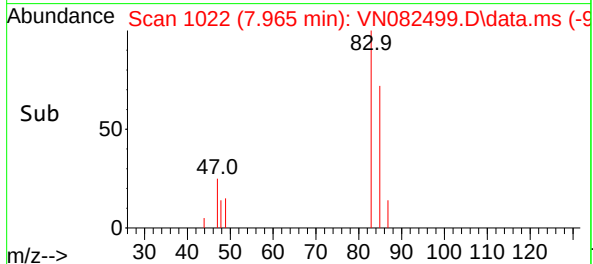
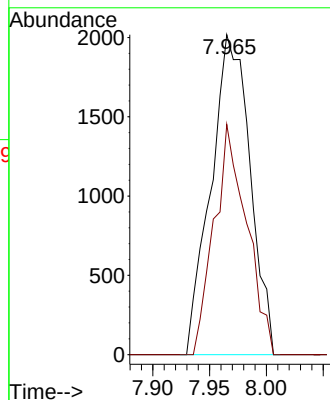
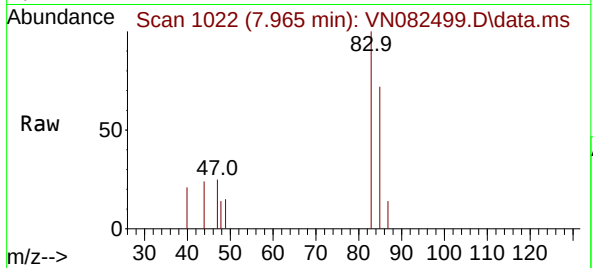




#30  
Chloroform  
Concen: 1.289 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: VN082499.D  
Acq: 07 Jun 2024 17:51

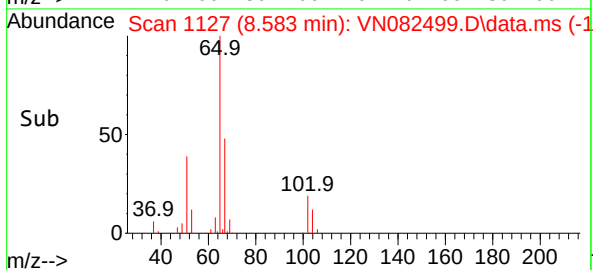
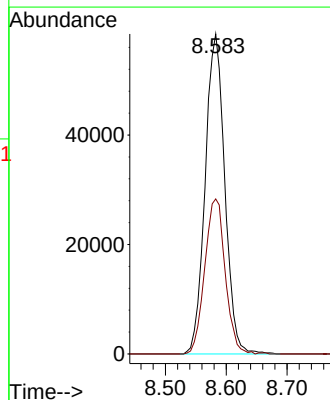
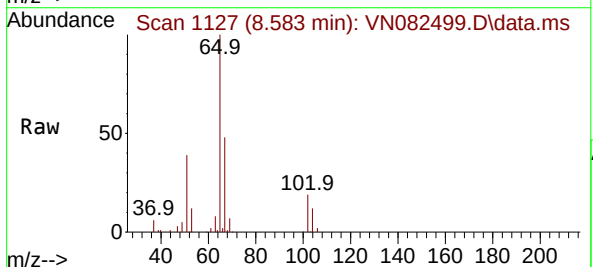
Instrument :  
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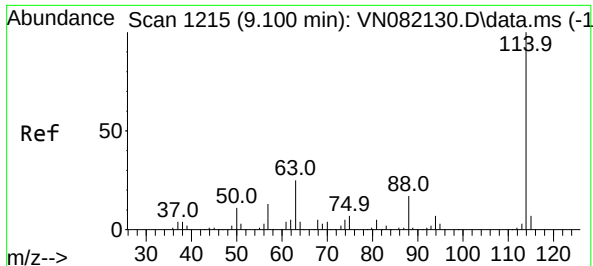
Tgt Ion: 83 Resp: 4837  
Ion Ratio Lower Upper  
83 100  
85 72.0 50.7 76.1



#33  
1,2-Dichloroethane-d4  
Concen: 52.978 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN082499.D  
Acq: 07 Jun 2024 17:51

Tgt Ion: 65 Resp: 130641  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 103.0

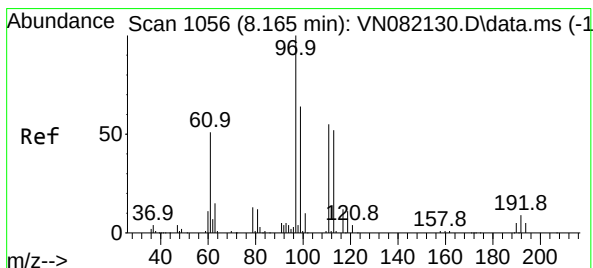
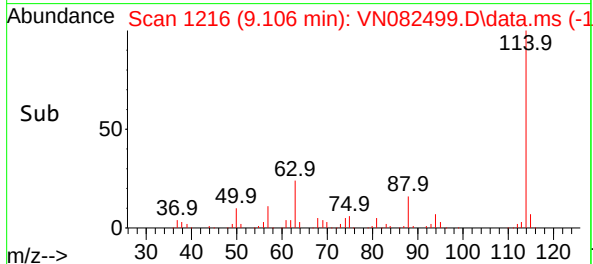
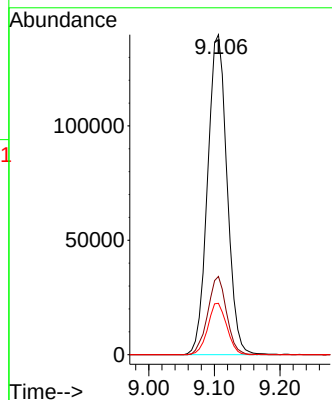
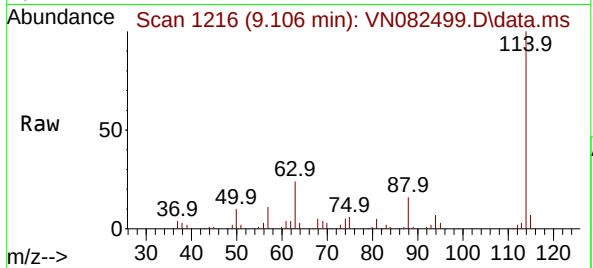




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN082499.D  
Acq: 07 Jun 2024 17:51

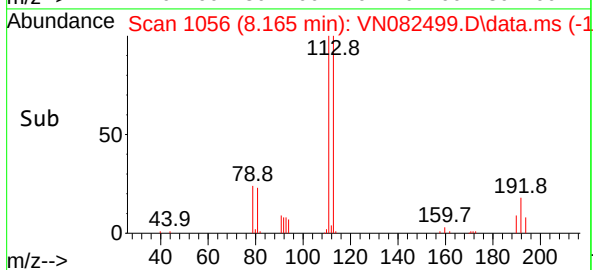
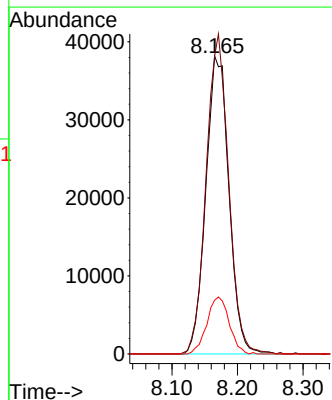
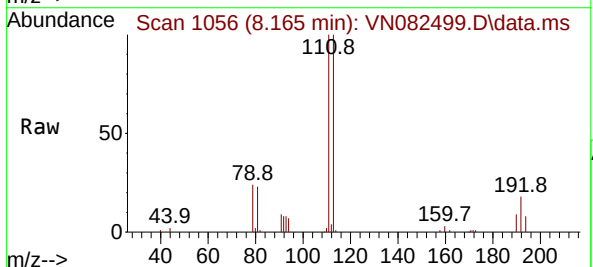
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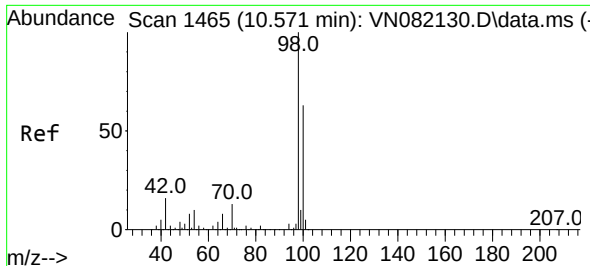
Tgt Ion:114 Resp: 288454  
Ion Ratio Lower Upper  
114 100  
63 24.4 0.0 41.0  
88 16.0 0.0 31.4



#35  
Dibromofluoromethane  
Concen: 52.886 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN082499.D  
Acq: 07 Jun 2024 17:51

Tgt Ion:113 Resp: 93842  
Ion Ratio Lower Upper  
113 100  
111 104.1 83.4 125.2  
192 18.4 14.0 21.0

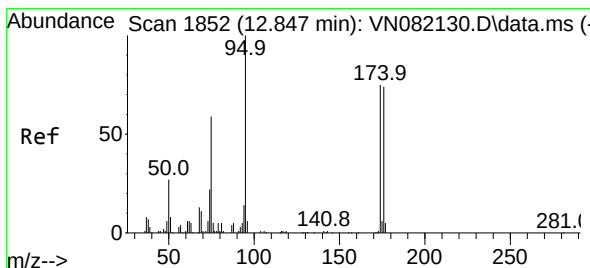
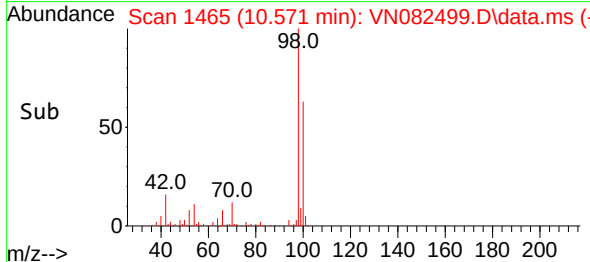
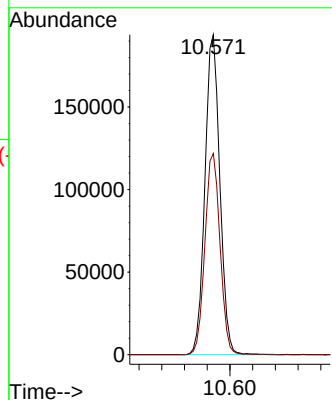
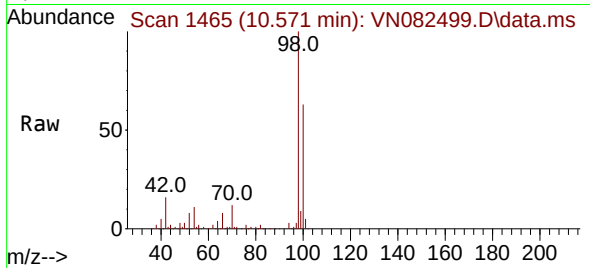




#50  
Toluene-d8  
Concen: 51.737 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN082499.D  
Acq: 07 Jun 2024 17:51

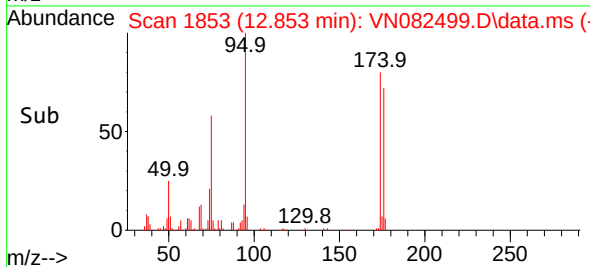
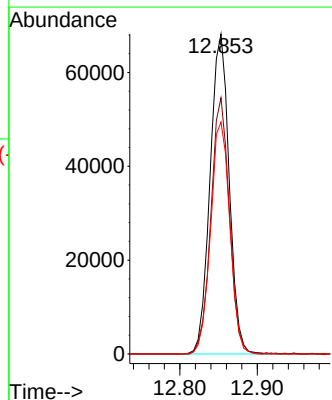
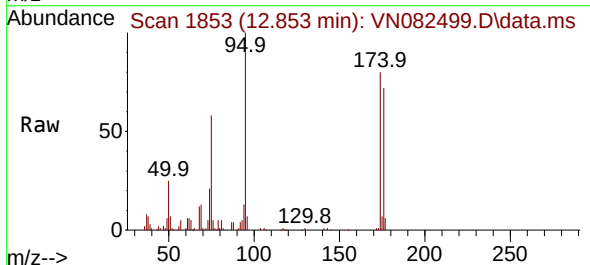
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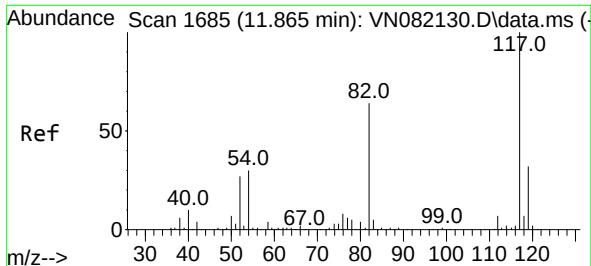
Tgt Ion: 98 Resp: 351972  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 48.069 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082499.D  
Acq: 07 Jun 2024 17:51

Tgt Ion: 95 Resp: 116719  
Ion Ratio Lower Upper  
95 100  
174 77.6 0.0 160.6  
176 72.6 0.0 152.8

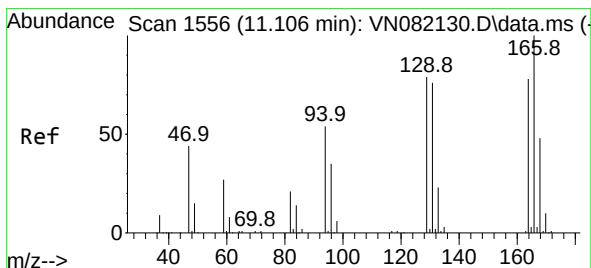
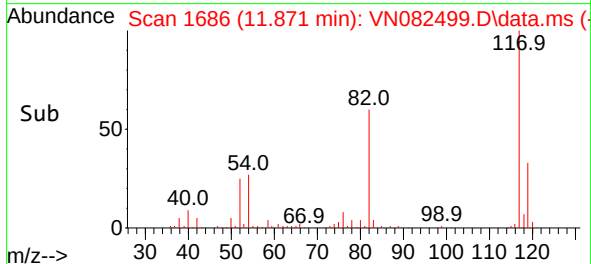
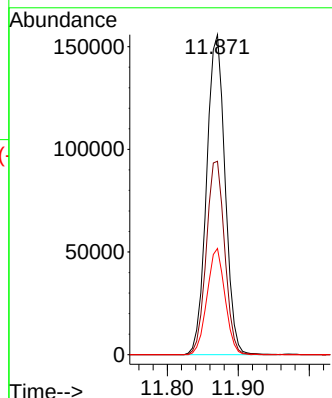
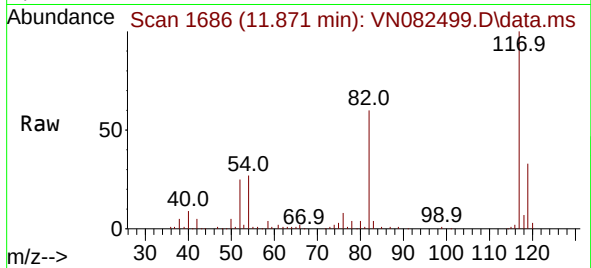




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN082499.D  
Acq: 07 Jun 2024 17:51

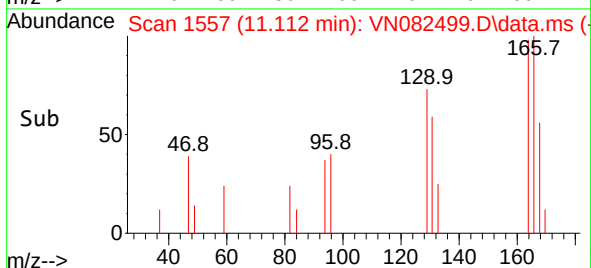
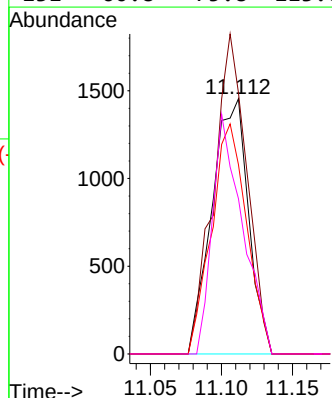
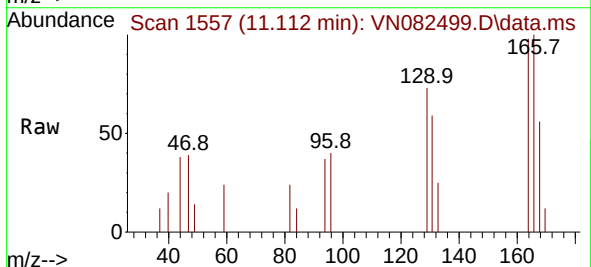
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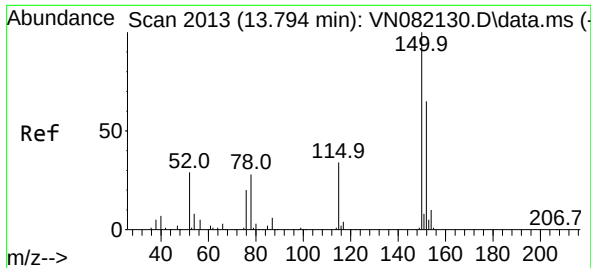
Tgt Ion:117 Resp: 281476  
Ion Ratio Lower Upper  
117 100  
82 60.5 44.6 66.8  
119 33.2 25.9 38.9



#64  
Tetrachloroethene  
Concen: 1.246 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. 0.006 min  
Lab File: VN082499.D  
Acq: 07 Jun 2024 17:51

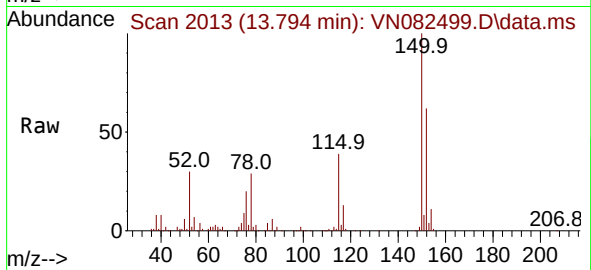
Tgt Ion:164 Resp: 2599  
Ion Ratio Lower Upper  
164 100  
166 102.3 97.6 146.4  
129 74.2 73.7 110.5  
131 60.8 75.8 113.6#





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN082499.D  
 Acq: 07 Jun 2024 17:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BP-VPB-189-GW-58-60



Tgt Ion:152 Resp: 116616  
 Ion Ratio Lower Upper  
 152 100  
 115 60.3 30.4 91.3  
 150 158.3 0.0 353.2

