

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110323\  
 Data File : VN079854.D  
 Acq On : 03 Nov 2023 17:15  
 Operator : JC\MD  
 Sample : 05139-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Nov 04 00:55:14 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 02 05:49:08 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 242317   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 475750   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 492948   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 190501   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 206501   | 55.935   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 111.880% |          |
| 35) Dibromofluoromethane    | 8.171  | 113   | 172567   | 51.250   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.500% |          |
| 50) Toluene-d8              | 10.571 | 98    | 596203   | 48.097   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 96.200%  |          |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 196163   | 47.716   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 95.440%  |          |

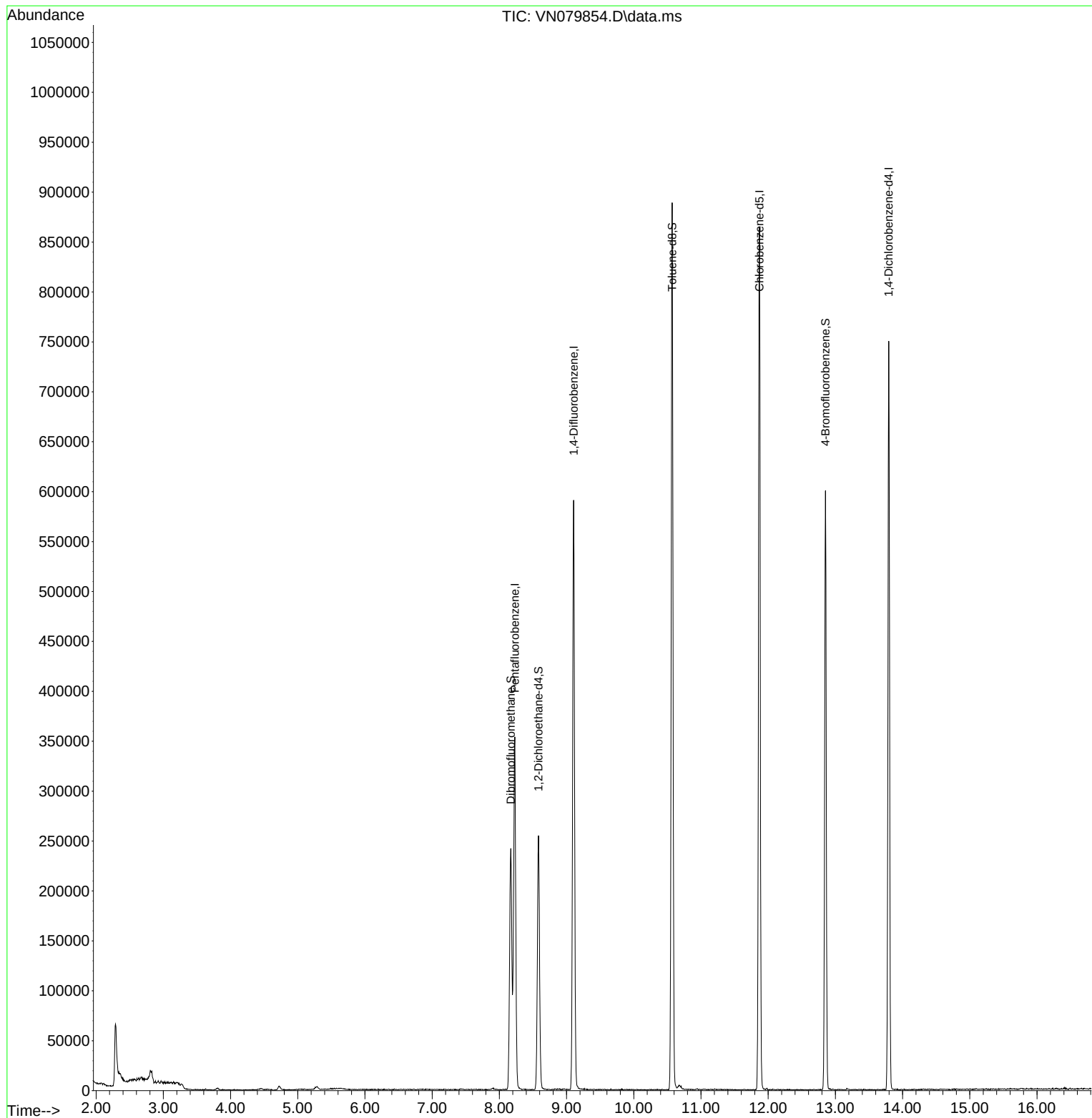
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

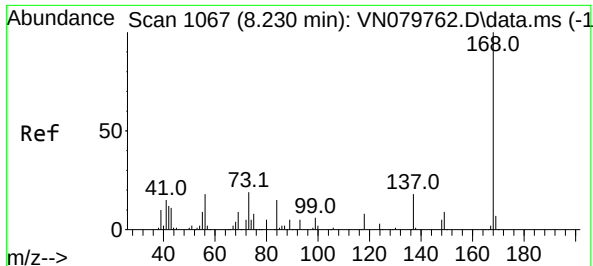
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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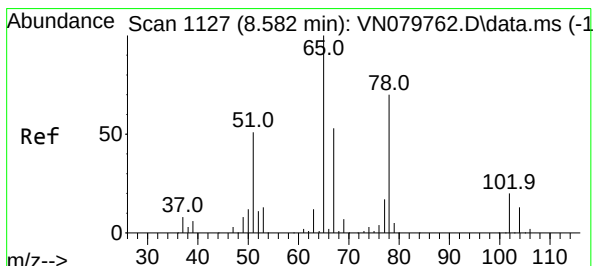
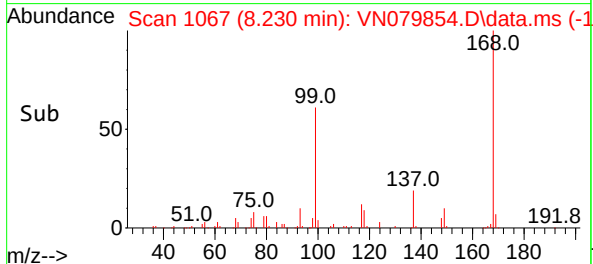
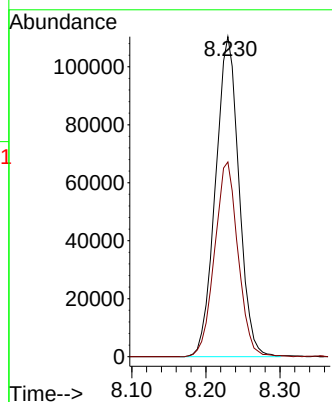
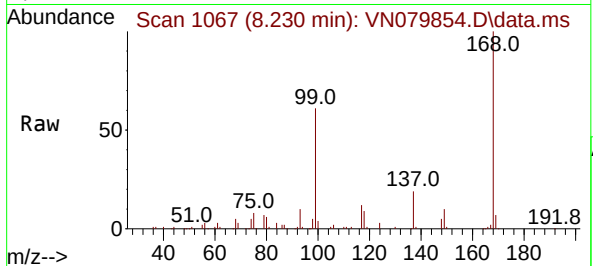




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. 0.001 min  
Lab File: VN079854.D  
Acq: 03 Nov 2023 17:15

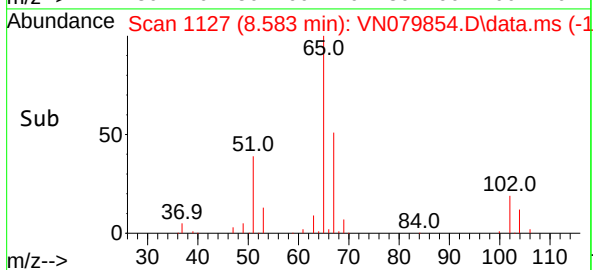
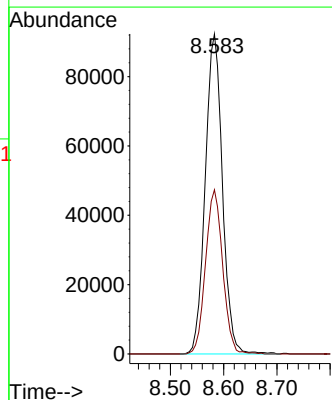
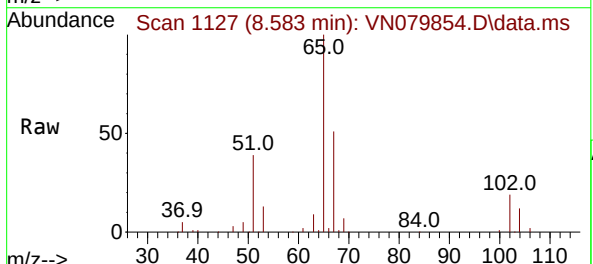
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

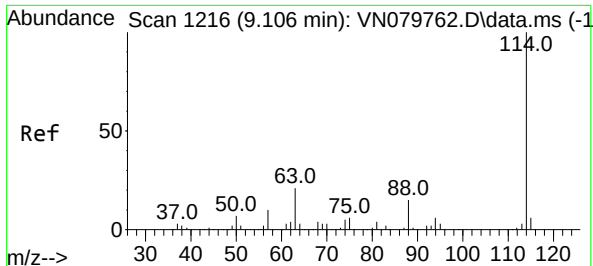
Tgt Ion:168 Resp: 242317  
Ion Ratio Lower Upper  
168 100  
99 60.8 53.0 79.6



#33  
1,2-Dichloroethane-d4  
Concen: 55.935 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN079854.D  
Acq: 03 Nov 2023 17:15

Tgt Ion: 65 Resp: 206501  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 106.6

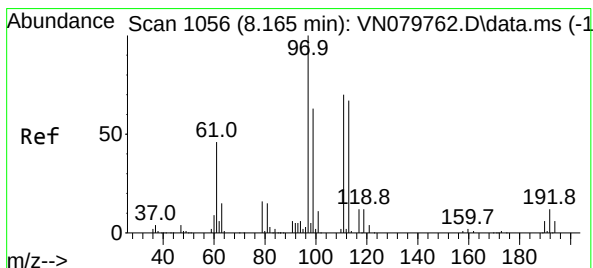
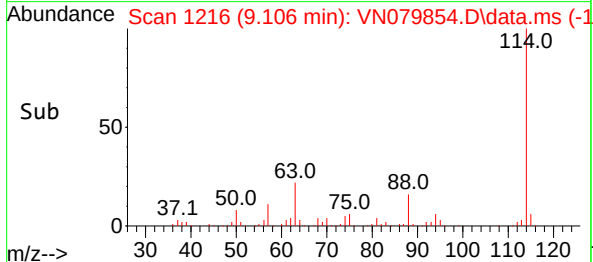
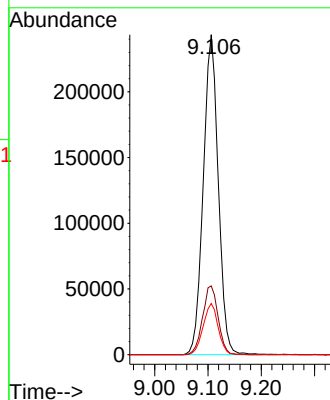
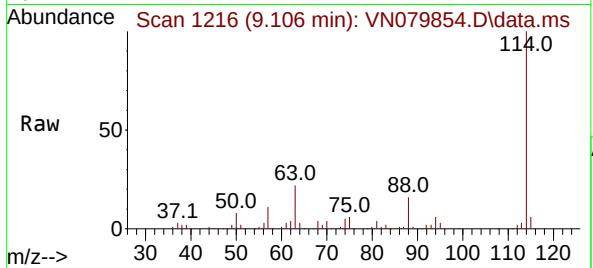




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079854.D  
Acq: 03 Nov 2023 17:15

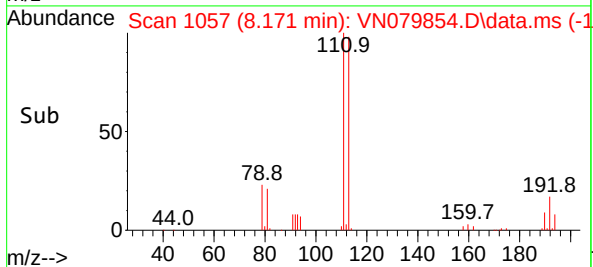
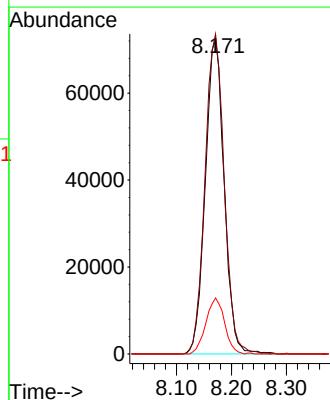
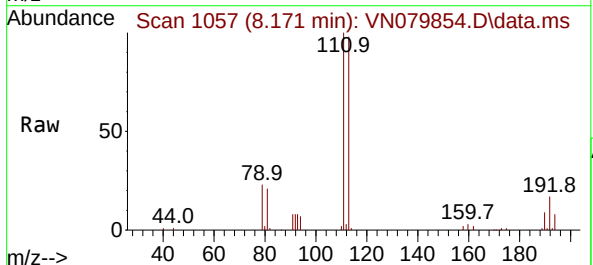
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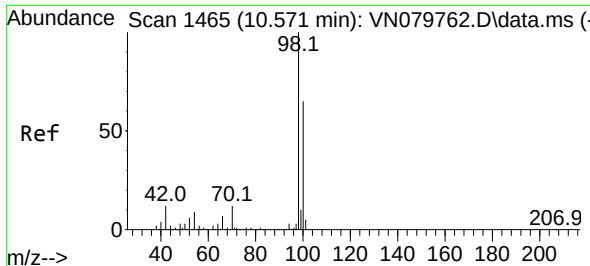
Tgt Ion:114 Resp: 475750  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 36.4  
88 16.0 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 51.250 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN079854.D  
Acq: 03 Nov 2023 17:15

Tgt Ion:113 Resp: 172567  
Ion Ratio Lower Upper  
113 100  
111 103.8 82.6 123.8  
192 17.6 12.7 19.1

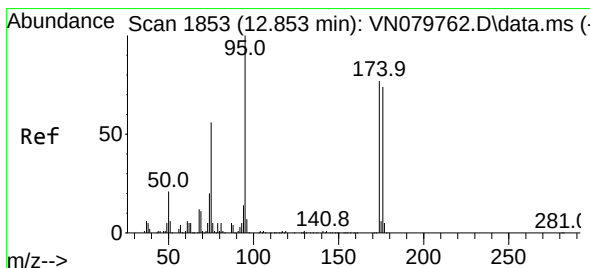
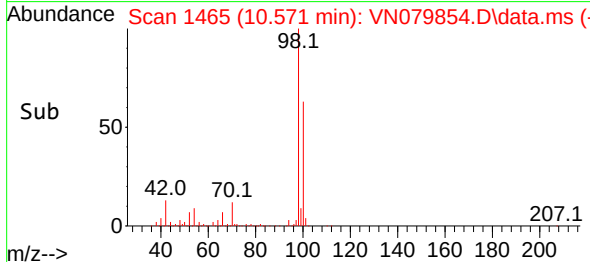
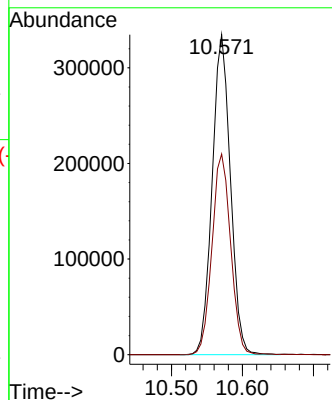
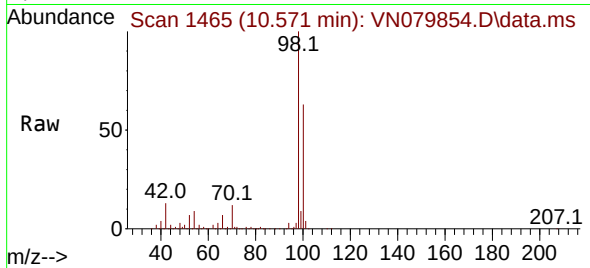




#50  
Toluene-d8  
Concen: 48.097 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN079854.D  
Acq: 03 Nov 2023 17:15

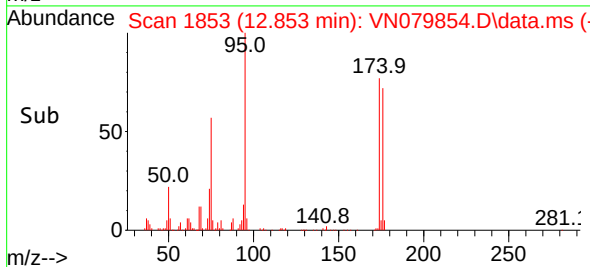
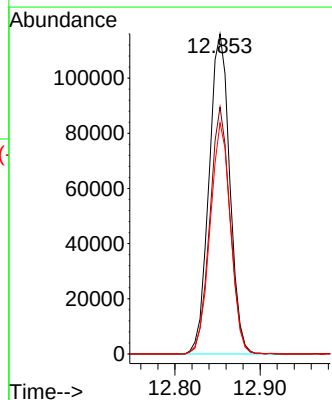
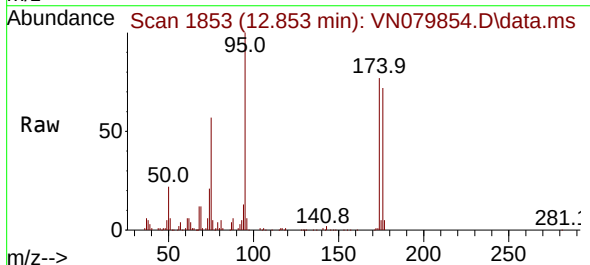
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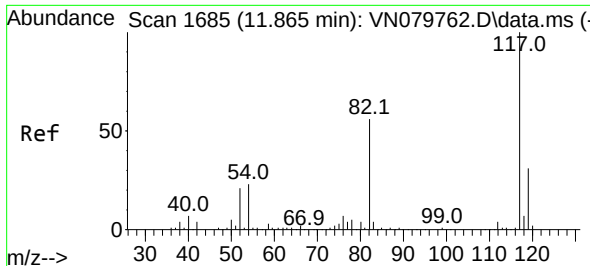
Tgt Ion: 98 Resp: 596203  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 47.716 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN079854.D  
Acq: 03 Nov 2023 17:15

Tgt Ion: 95 Resp: 196163  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 143.8  
176 71.1 0.0 135.8

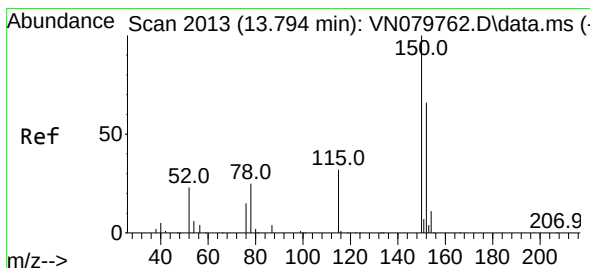
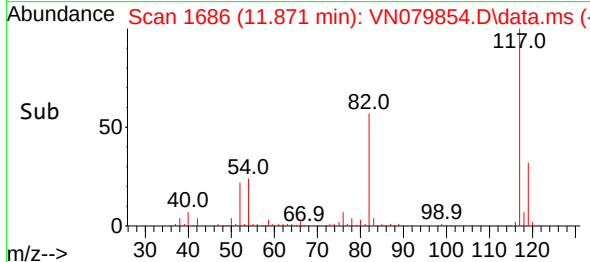
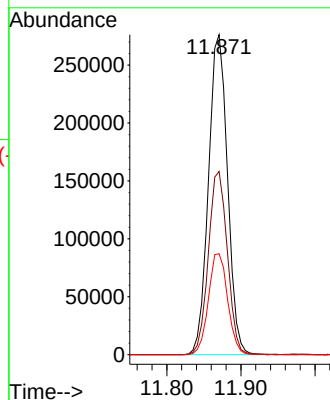
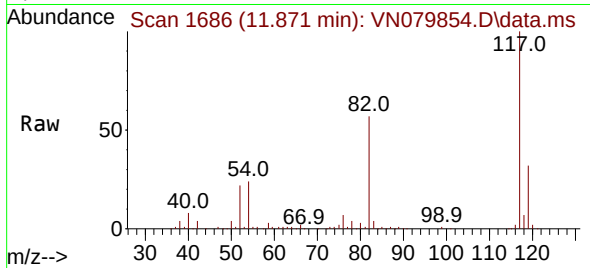




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: VN079854.D  
Acq: 03 Nov 2023 17:15

Instrument :  
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STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 492948  
Ion Ratio Lower Upper  
117 100  
82 57.2 44.0 66.0  
119 31.5 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN079854.D  
Acq: 03 Nov 2023 17:15

Tgt Ion:152 Resp: 190501  
Ion Ratio Lower Upper  
152 100  
115 62.2 32.3 96.8  
150 160.2 0.0 355.8

