

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110323\  
 Data File : VN079877.D  
 Acq On : 04 Nov 2023 05:08  
 Operator : JC\MD  
 Sample : 05223-08  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FSND-MW-6-20231031

Quant Time: Nov 04 06:14:01 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

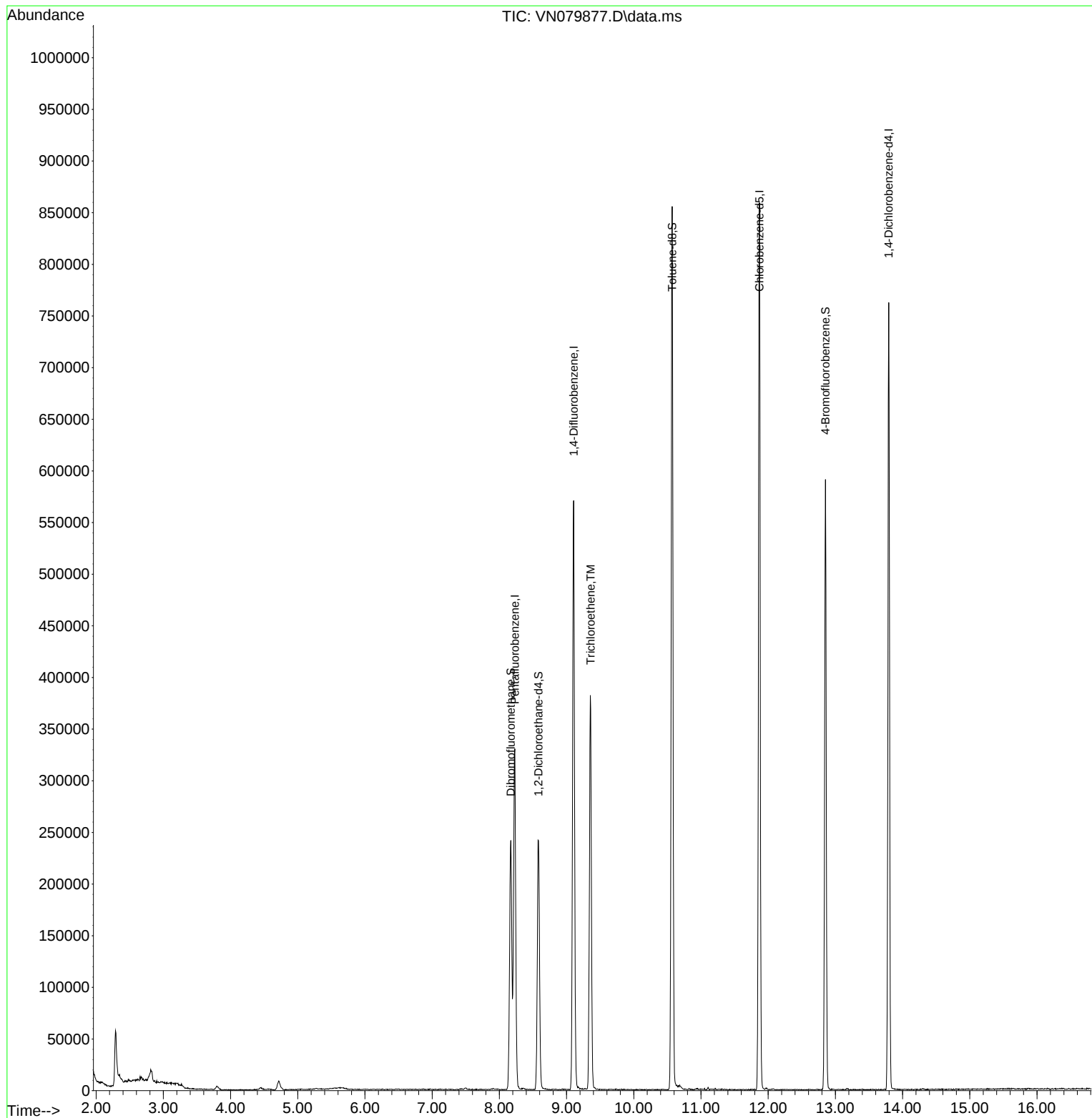
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 230029   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 466788   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.870 | 117   | 480872   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 195094   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 204232   | 58.276   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 116.560% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 166438   | 50.379   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 100.760% |
| 50) Toluene-d8              | 10.571 | 98    | 579640   | 47.659   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 95.320%  |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 193078   | 47.867   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 95.740%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 44) Trichloroethene         | 9.359  | 130   | 133450   | 38.064   | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

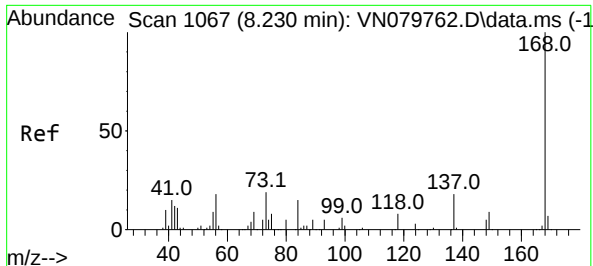
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FSND-MW-6-20231031

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Quant Title : SW846 8260  
QLast Update : Thu Nov 02 05:49:08 2023  
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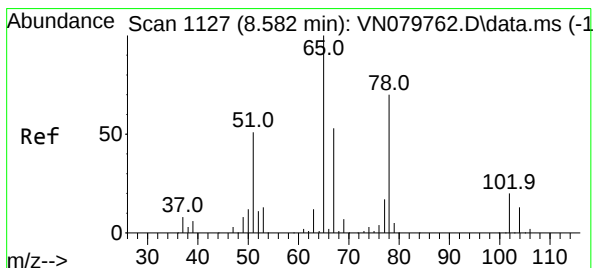
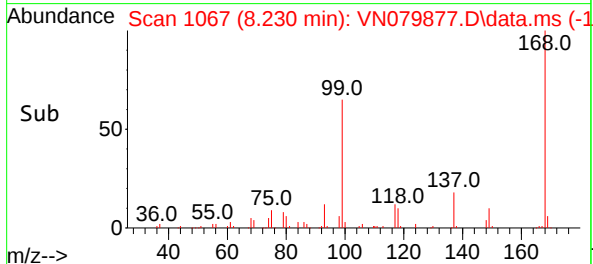
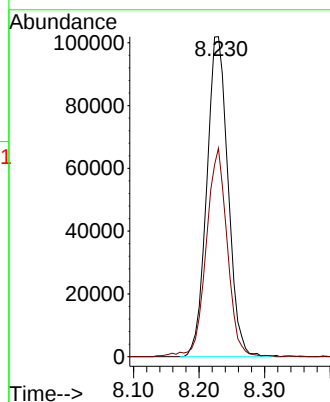
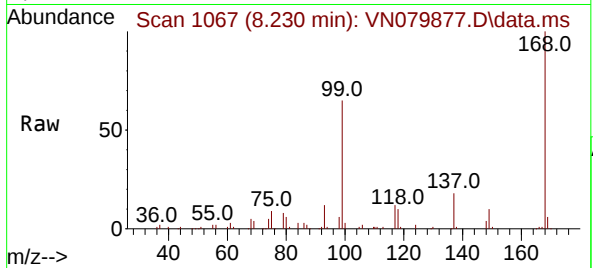




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. 0.001 min  
Lab File: VN079877.D  
Acq: 04 Nov 2023 05:08

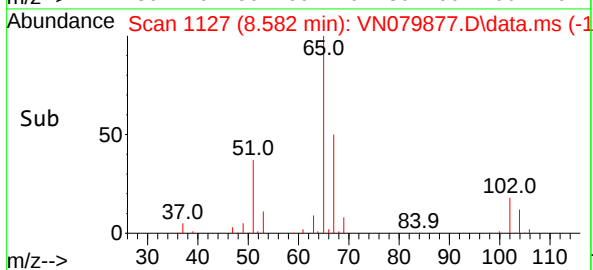
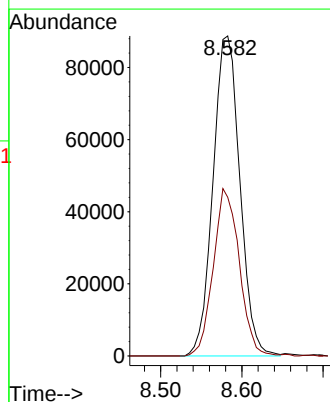
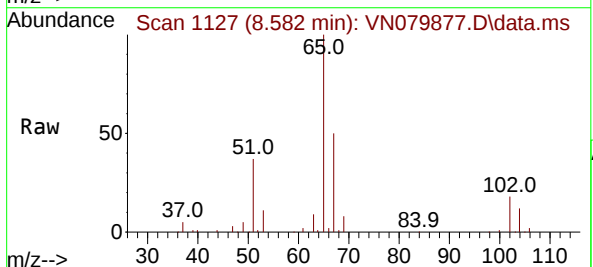
Instrument :  
MSVOA\_N  
ClientSampleId :  
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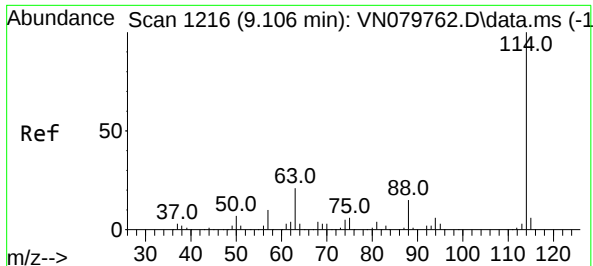
Tgt Ion:168 Resp: 230029  
Ion Ratio Lower Upper  
168 100  
99 65.2 53.0 79.6



#33  
1,2-Dichloroethane-d4  
Concen: 58.276 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN079877.D  
Acq: 04 Nov 2023 05:08

Tgt Ion: 65 Resp: 204232  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 106.6

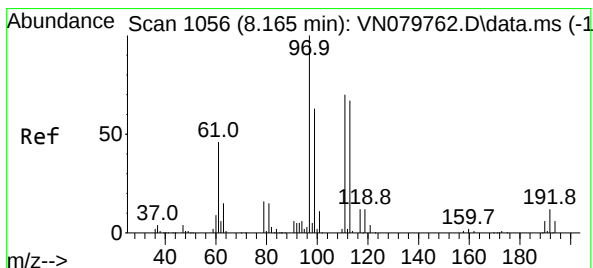
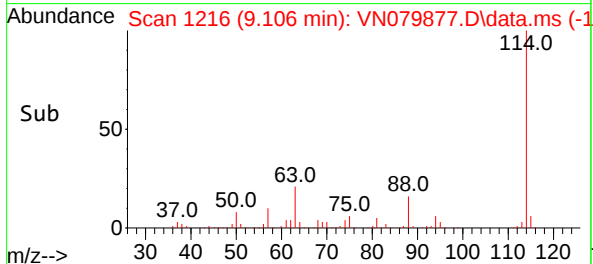
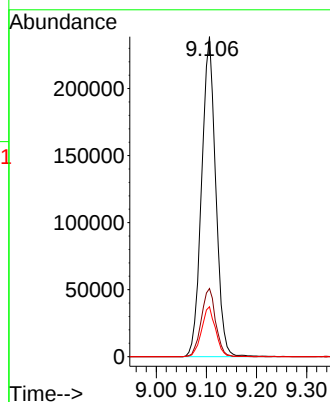
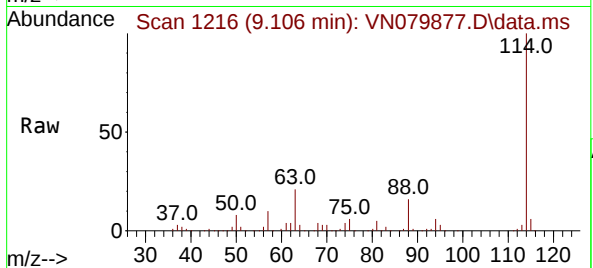




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079877.D  
Acq: 04 Nov 2023 05:08

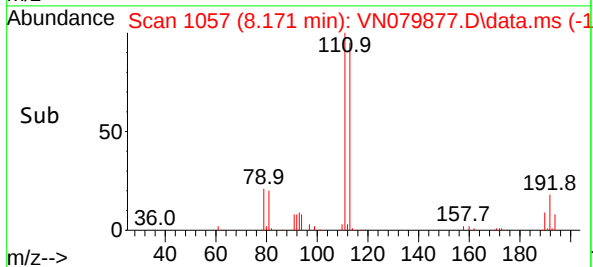
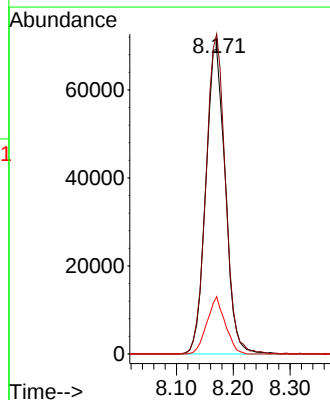
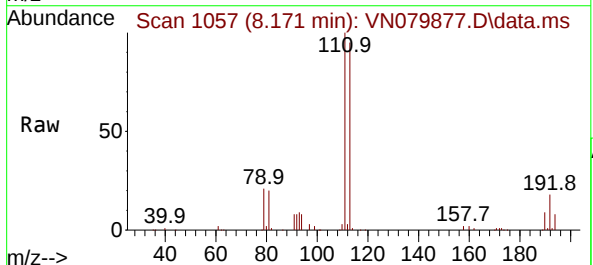
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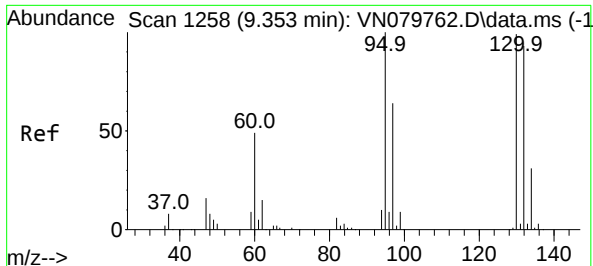
Tgt Ion:114 Resp: 466788  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 36.4  
88 15.6 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 50.379 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN079877.D  
Acq: 04 Nov 2023 05:08

Tgt Ion:113 Resp: 166438  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.6 123.8  
192 17.4 12.7 19.1

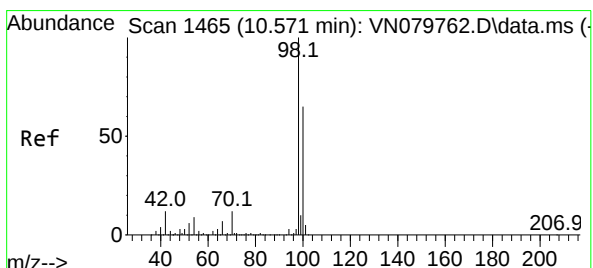
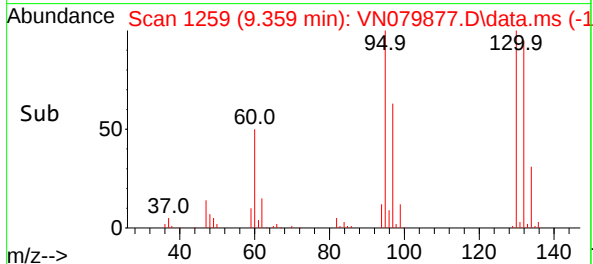
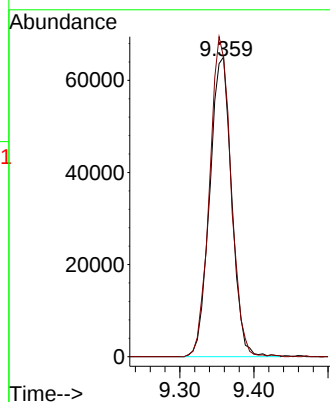
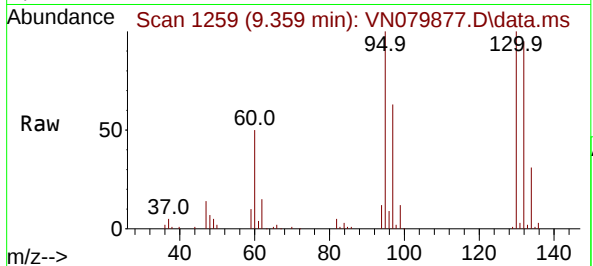




#44  
Trichloroethene  
Concen: 38.064 ug/l  
RT: 9.359 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN079877.D  
Acq: 04 Nov 2023 05:08

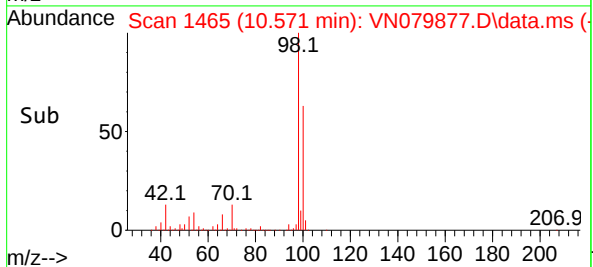
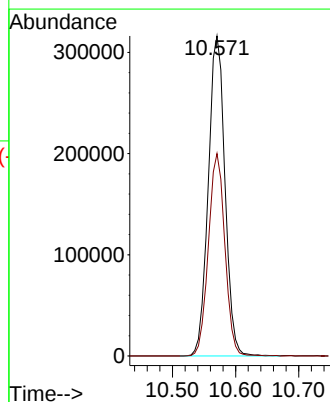
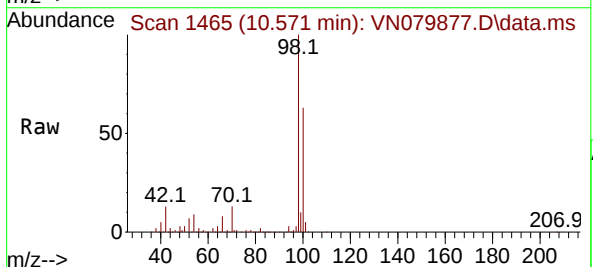
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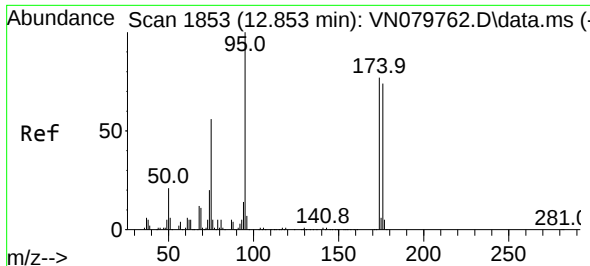
Tgt Ion:130 Resp: 133450  
Ion Ratio Lower Upper  
130 100  
95 99.9 0.0 204.6



#50  
Toluene-d8  
Concen: 47.659 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN079877.D  
Acq: 04 Nov 2023 05:08

Tgt Ion: 98 Resp: 579640  
Ion Ratio Lower Upper  
98 100  
100 62.4 52.0 78.0

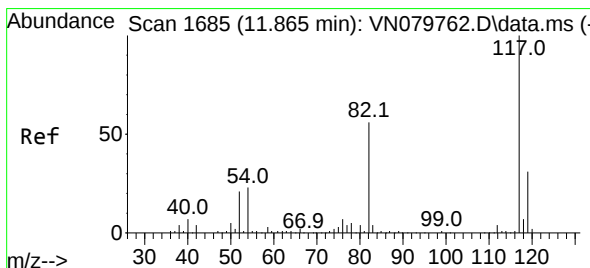
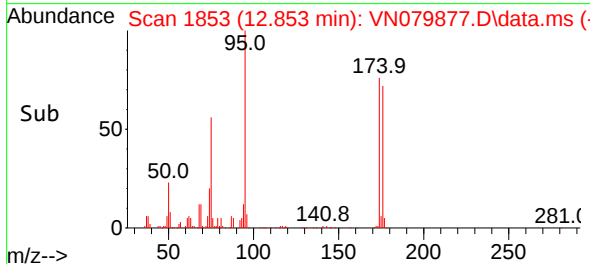
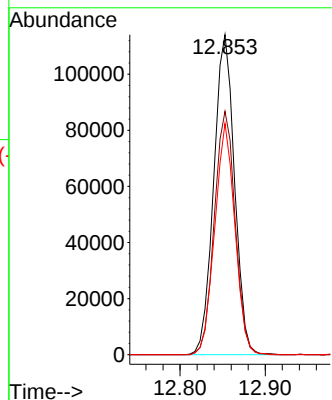
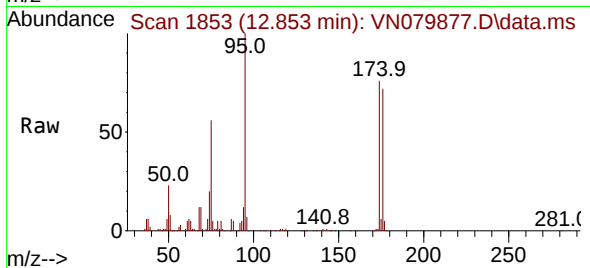




#62  
4-Bromofluorobenzene  
Concen: 47.867 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN079877.D  
Acq: 04 Nov 2023 05:08

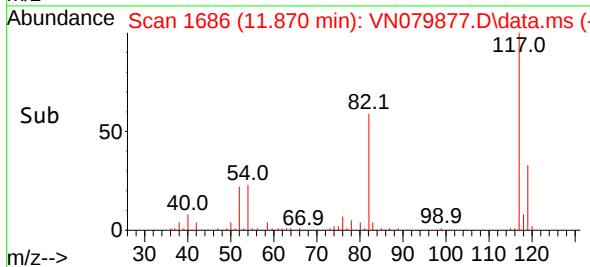
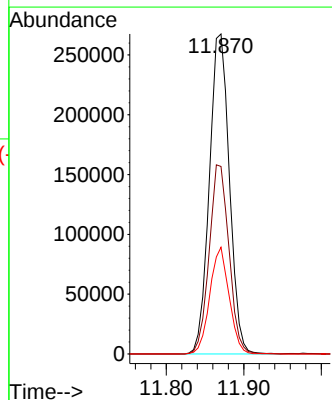
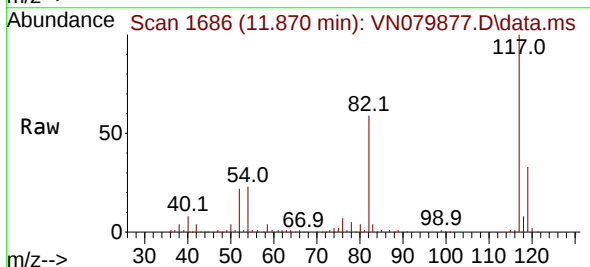
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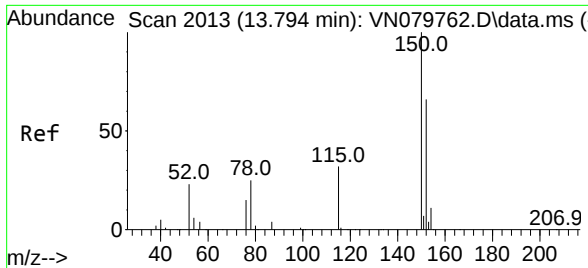
Tgt Ion: 95 Resp: 193078  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 143.8  
176 70.2 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN079877.D  
Acq: 04 Nov 2023 05:08

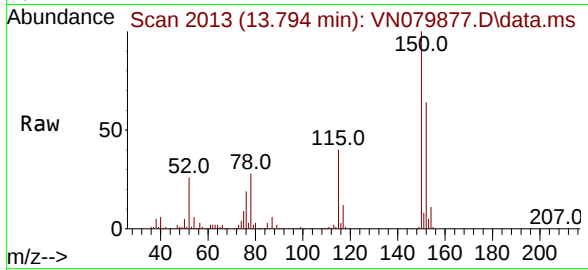
Tgt Ion: 117 Resp: 480872  
Ion Ratio Lower Upper  
117 100  
82 58.6 44.0 66.0  
119 33.4 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN079877.D  
 Acq: 04 Nov 2023 05:08

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FSND-MW-6-20231031



Tgt Ion:152 Resp: 195094

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 61.5  | 32.3  | 96.8  |
| 150 | 156.8 | 0.0   | 355.8 |

