

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110223\  
 Data File : VN079810.D  
 Acq On : 02 Nov 2023 20:21  
 Operator : JC\MD  
 Sample : 05217-02 50X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 1194

Quant Time: Nov 03 04:06:46 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

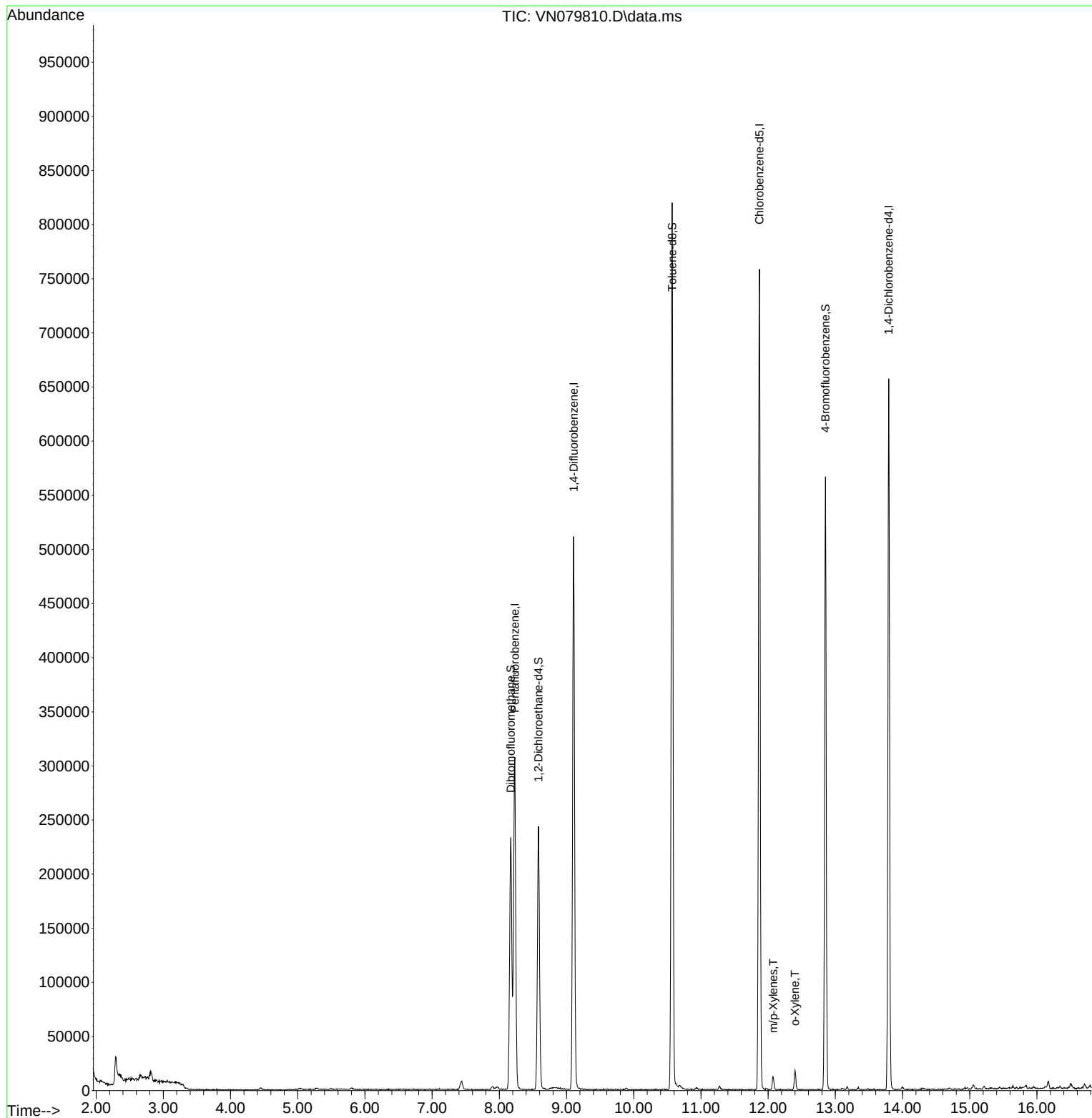
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 213077   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 423904   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 429976   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 166551   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 192266   | 59.226   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 118.460% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 163869   | 54.619   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 109.240% |
| 50) Toluene-d8              | 10.571 | 98    | 557555   | 50.481   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 100.960% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 180923   | 49.391   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 98.780%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 68) m/p-Xylenes             | 12.076 | 106   | 3825     | 0.632    | ug/l  | 94       |
| 69) o-Xylene                | 12.400 | 106   | 4980     | 0.854    | ug/l  | 98       |
| -----                       |        |       |          |          |       |          |

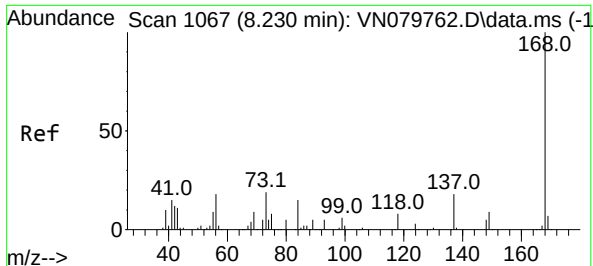
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 02 05:49:08 2023  
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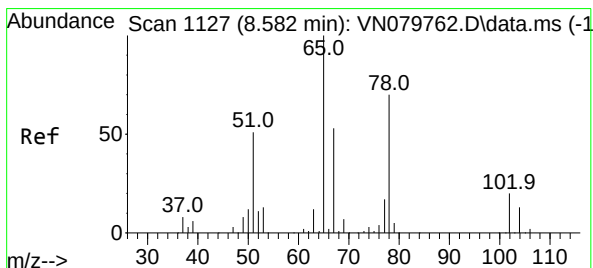
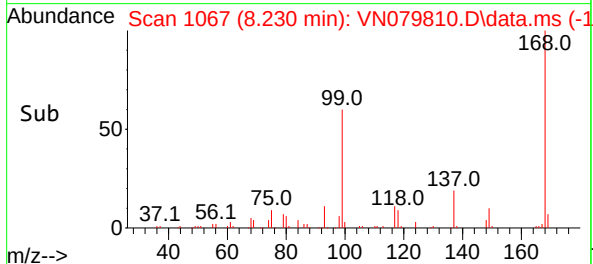
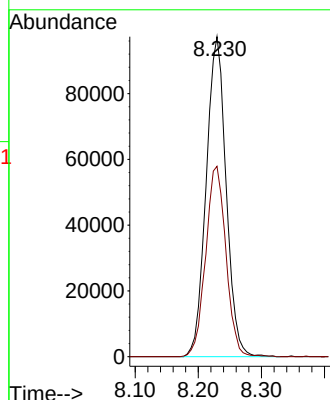
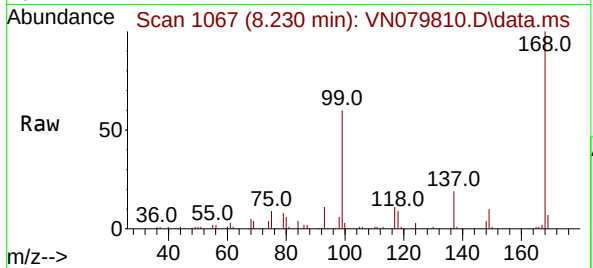




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1194  
Delta R.T. 0.001 min  
Lab File: VN079810.D  
Acq: 02 Nov 2023 20:21

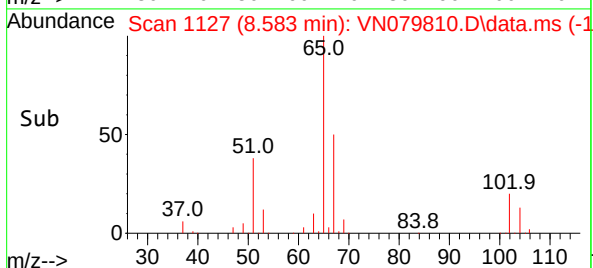
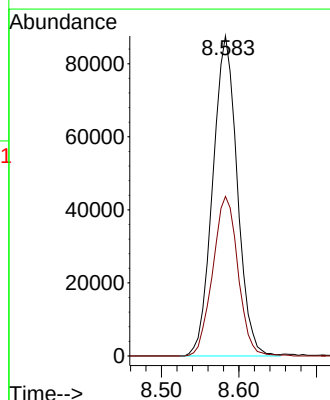
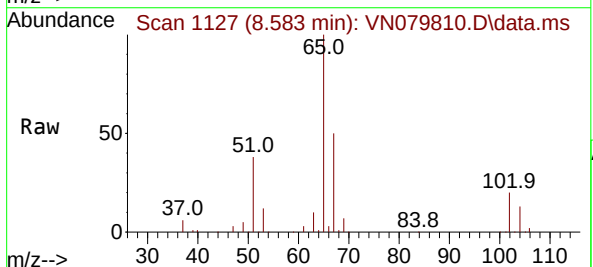
Instrument :  
MSVOA\_N  
ClientSampleId :  
1194

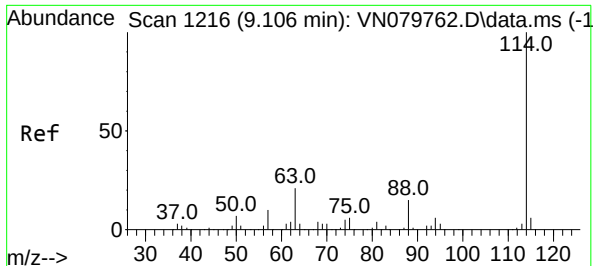
Tgt Ion:168 Resp: 213077  
Ion Ratio Lower Upper  
168 100  
99 59.5 53.0 79.6



#33  
1,2-Dichloroethane-d4  
Concen: 59.226 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN079810.D  
Acq: 02 Nov 2023 20:21

Tgt Ion: 65 Resp: 192266  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 106.6

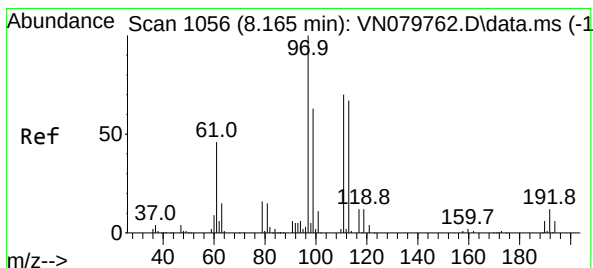
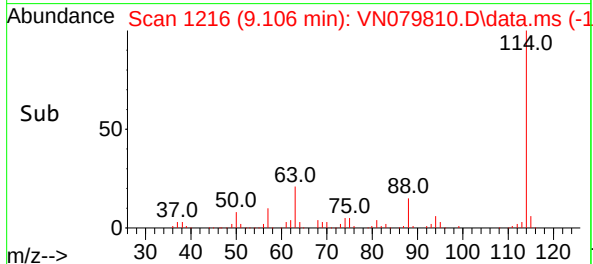
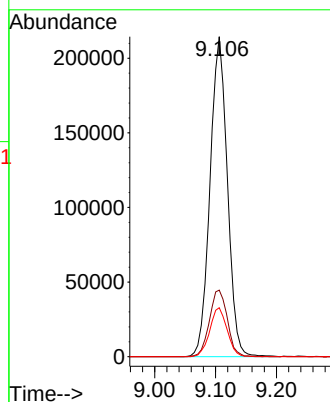
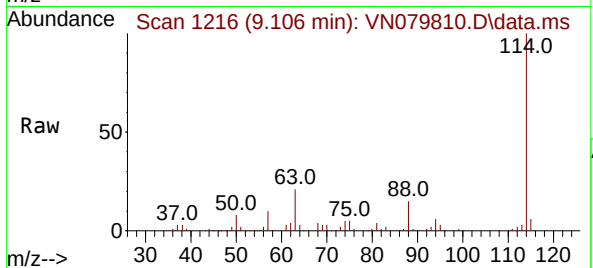




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VN079810.D  
Acq: 02 Nov 2023 20:21

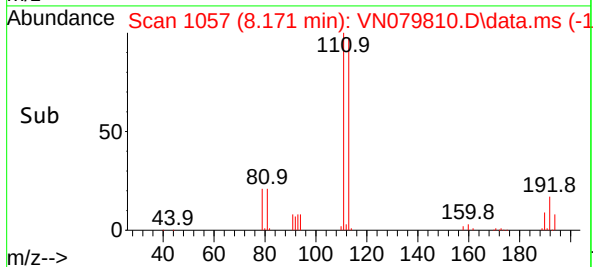
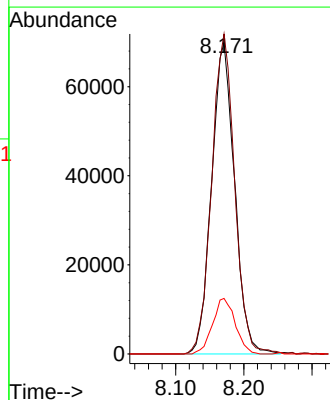
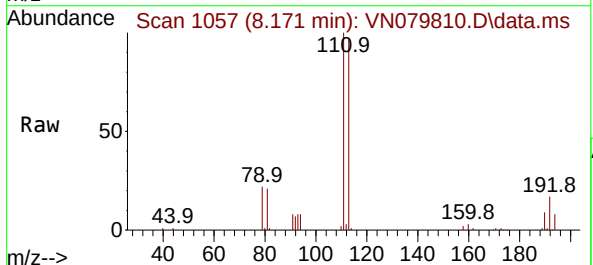
Instrument :  
MSVOA\_N  
ClientSampleId :  
1194

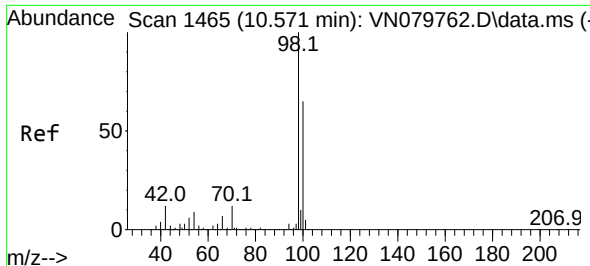
Tgt Ion:114 Resp: 423904  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 36.4  
88 15.3 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 54.619 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VN079810.D  
Acq: 02 Nov 2023 20:21

Tgt Ion:113 Resp: 163869  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.6 123.8  
192 17.6 12.7 19.1

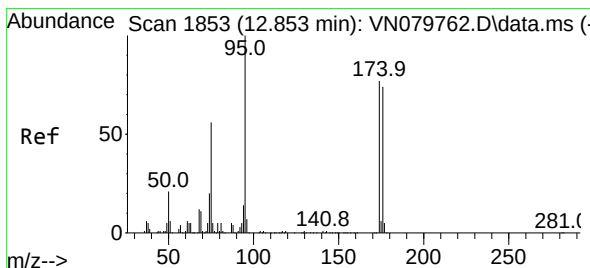
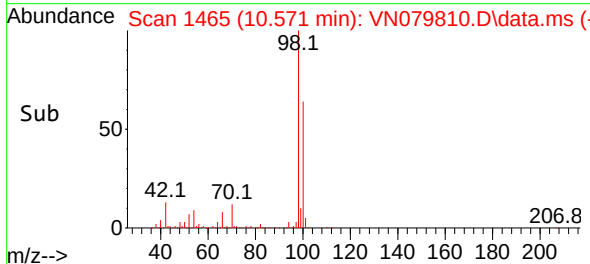
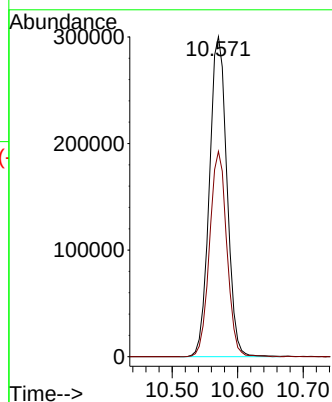
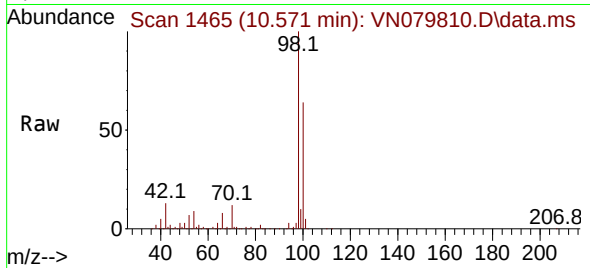




#50  
Toluene-d8  
Concen: 50.481 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN079810.D  
Acq: 02 Nov 2023 20:21

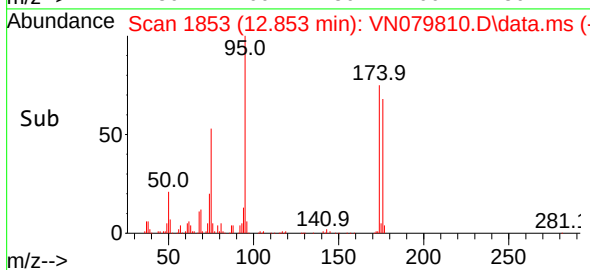
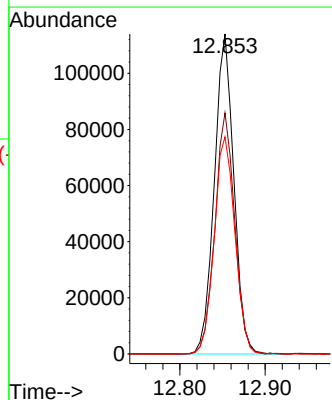
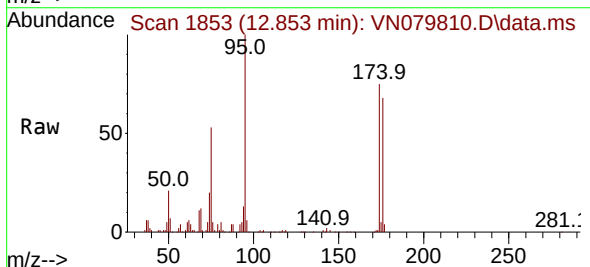
Instrument :  
MSVOA\_N  
ClientSampleId :  
1194

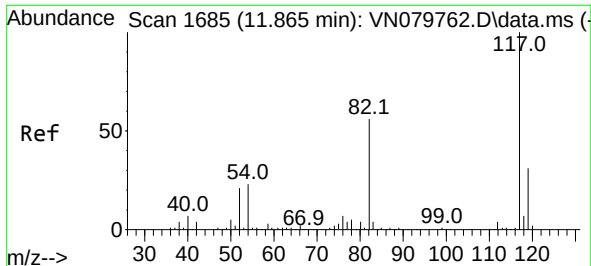
Tgt Ion: 98 Resp: 557555  
Ion Ratio Lower Upper  
98 100  
100 62.9 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 49.391 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN079810.D  
Acq: 02 Nov 2023 20:21

Tgt Ion: 95 Resp: 180923  
Ion Ratio Lower Upper  
95 100  
174 76.6 0.0 143.8  
176 72.1 0.0 135.8

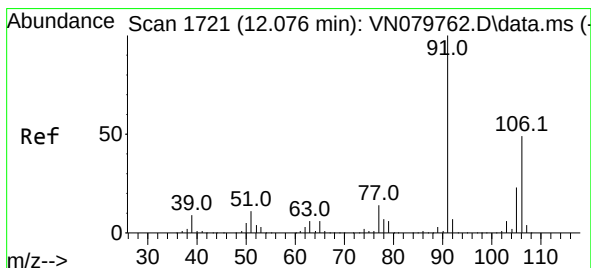
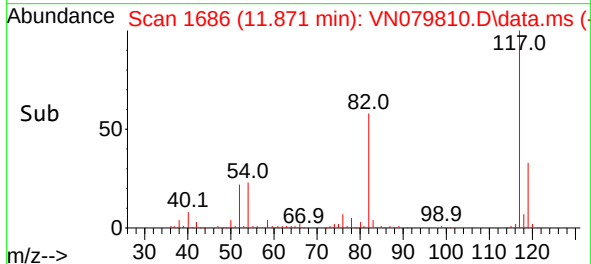
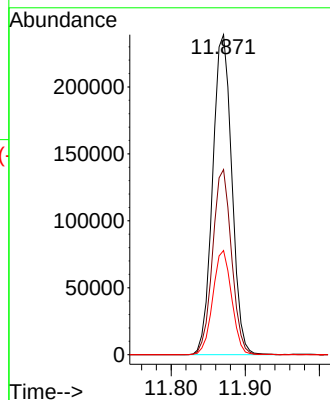
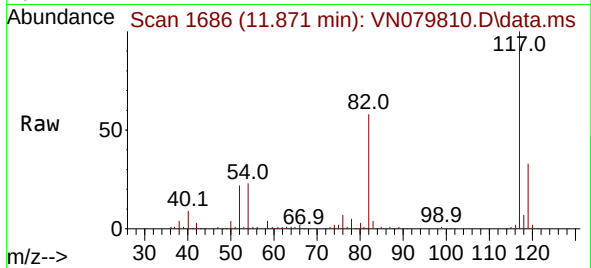




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VN079810.D  
Acq: 02 Nov 2023 20:21

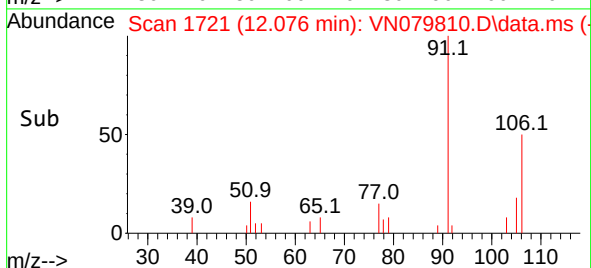
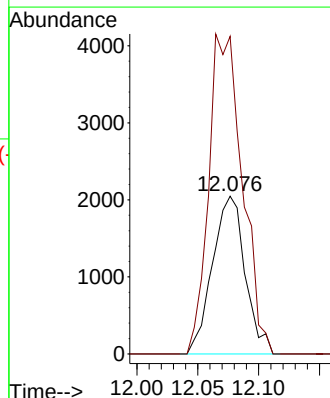
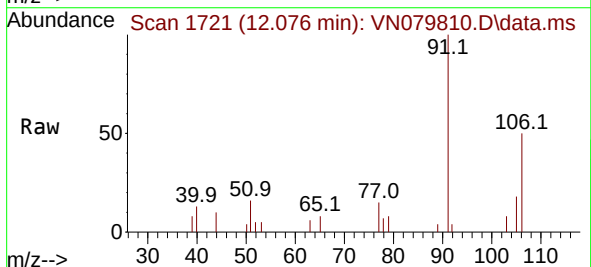
Instrument :  
MSVOA\_N  
ClientSampleId :  
1194

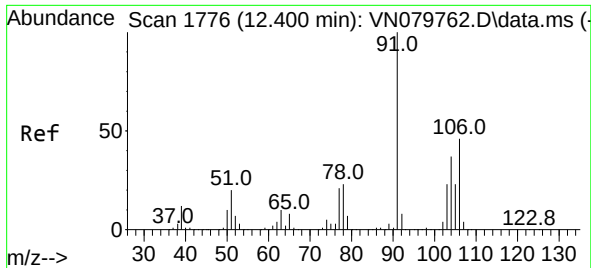
Tgt Ion:117 Resp: 429976  
Ion Ratio Lower Upper  
117 100  
82 57.8 44.0 66.0  
119 32.5 25.6 38.4



#68  
m/p-Xylenes  
Concen: 0.632 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN079810.D  
Acq: 02 Nov 2023 20:21

Tgt Ion:106 Resp: 3825  
Ion Ratio Lower Upper  
106 100  
91 208.9 159.6 239.4

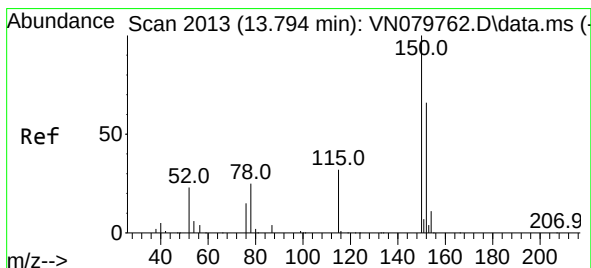
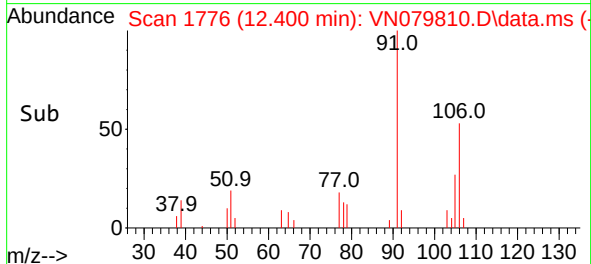
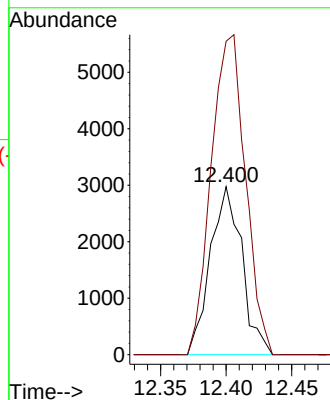
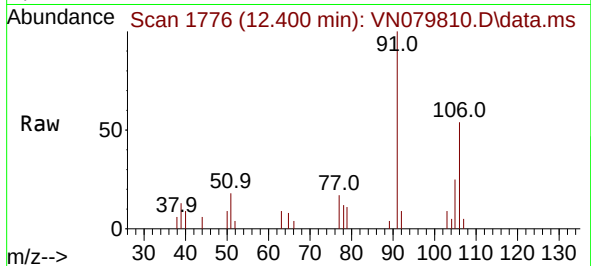




#69  
o-Xylene  
Concen: 0.854 ug/l  
RT: 12.400 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VN079810.D  
Acq: 02 Nov 2023 20:21

Instrument :  
MSVOA\_N  
ClientSampleId :  
1194

Tgt Ion:106 Resp: 4980  
Ion Ratio Lower Upper  
106 100  
91 206.6 105.2 315.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN079810.D  
Acq: 02 Nov 2023 20:21

Tgt Ion:152 Resp: 166551  
Ion Ratio Lower Upper  
152 100  
115 61.8 32.3 96.8  
150 157.7 0.0 355.8

