

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041323\  
 Data File : VN077317.D  
 Acq On : 13 Apr 2023 10:10  
 Operator : JC\MD  
 Sample : VN0413MBL01  
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0413MBL01

Quant Time: Apr 14 07:22:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N040523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 06 08:27:03 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 446141   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.107  | 114  | 836291   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 726005   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.795 | 152  | 253923   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 277186   | 45.458   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 90.920%  |
| 35) Dibromofluoromethane    | 8.172  | 113   | 256162   | 47.848   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 95.700%  |
| 50) Toluene-d8              | 10.571 | 98    | 1027402  | 47.671   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 95.340%  |
| 62) 4-Bromofluorobenzene    | 12.854 | 95    | 291176   | 40.622   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 81.240%# |

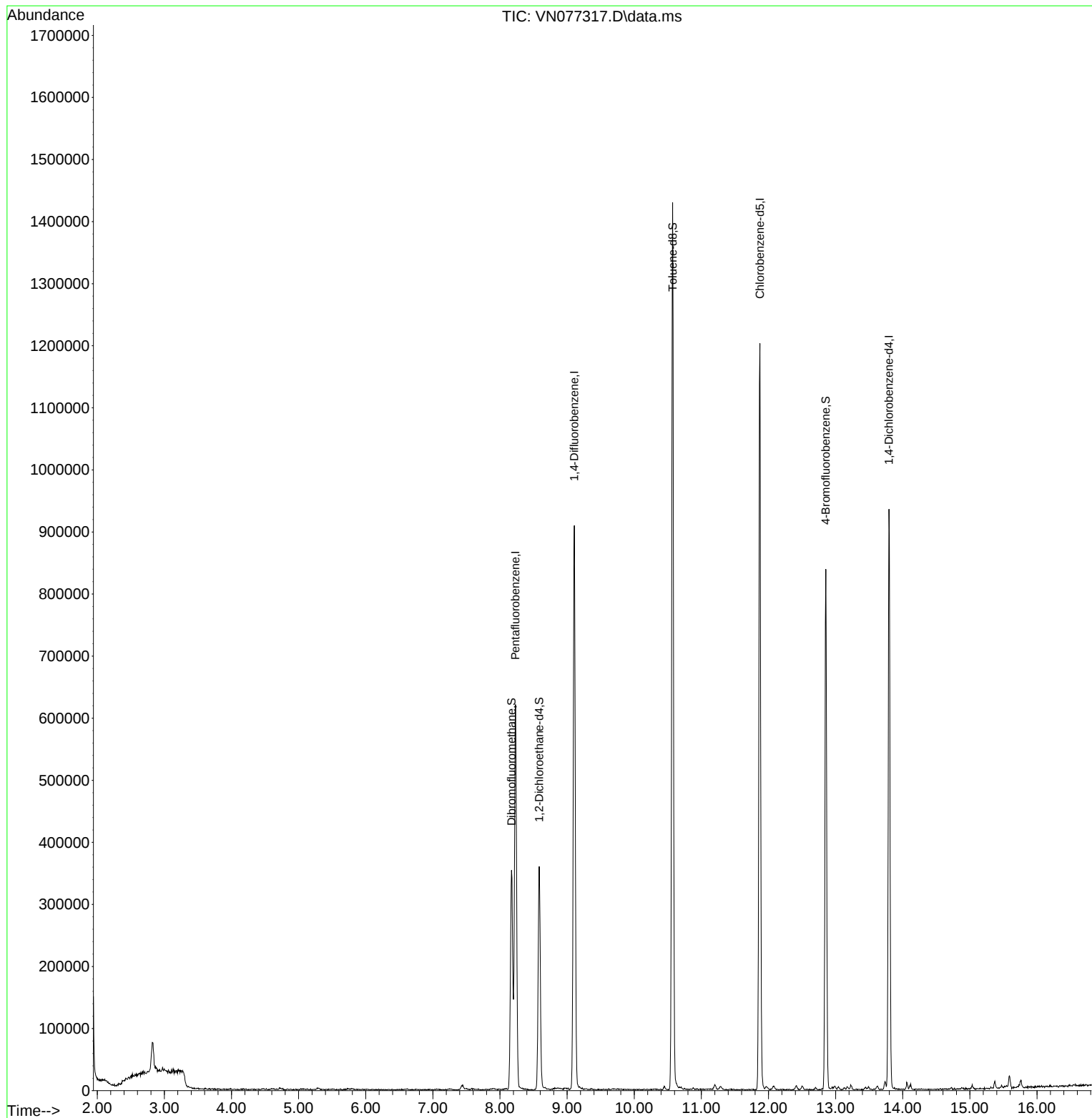
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

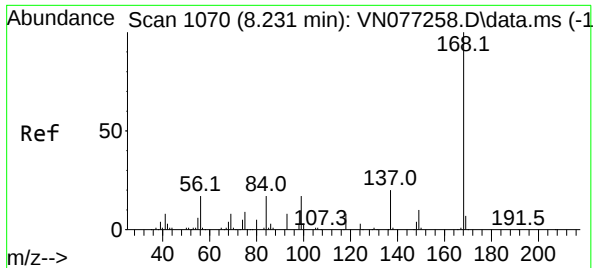
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Apr 06 08:27:03 2023  
Response via : Initial Calibration

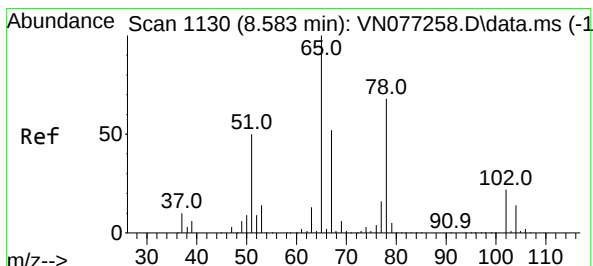
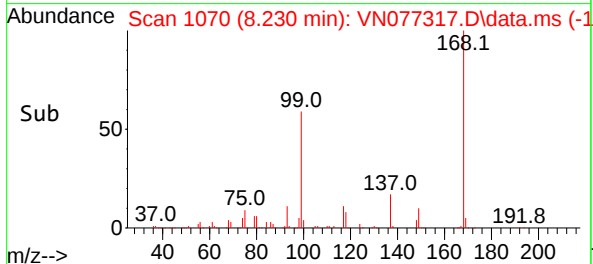
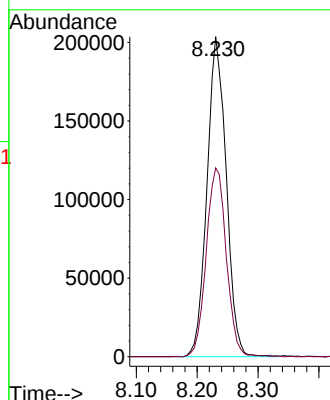
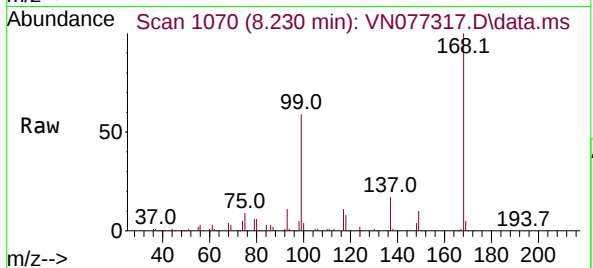




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1070  
Delta R.T. -0.001 min  
Lab File: VN077317.D  
Acq: 13 Apr 2023 10:10

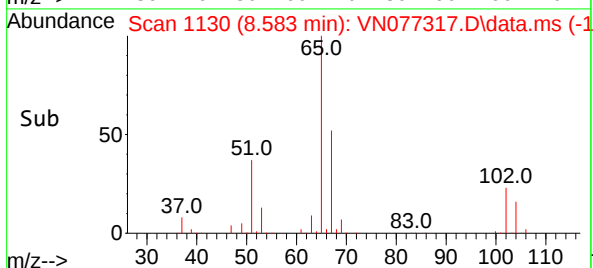
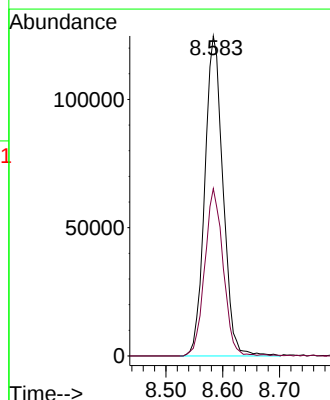
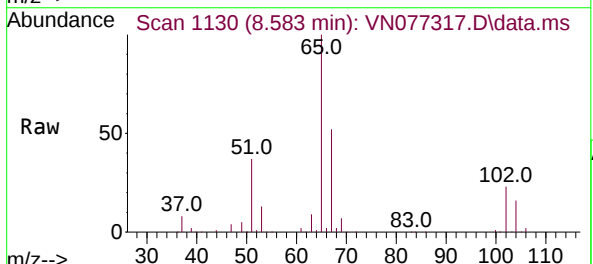
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0413MBL01

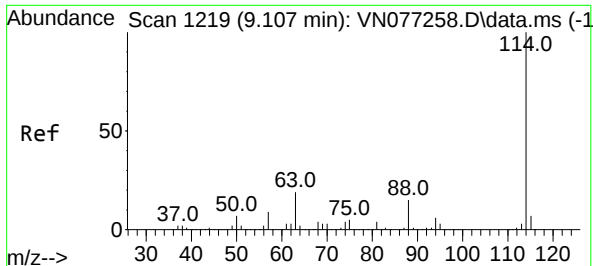
Tgt Ion:168 Resp: 446141  
Ion Ratio Lower Upper  
168 100  
99 59.0 50.6 75.8



#33  
1,2-Dichloroethane-d4  
Concen: 45.458 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN077317.D  
Acq: 13 Apr 2023 10:10

Tgt Ion: 65 Resp: 277186  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 108.8

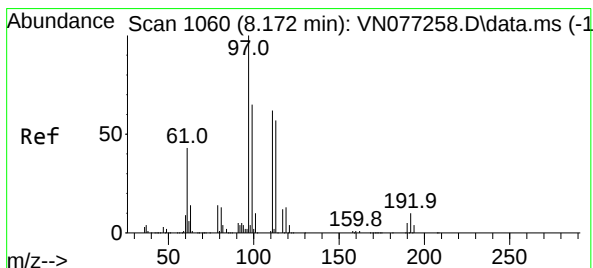
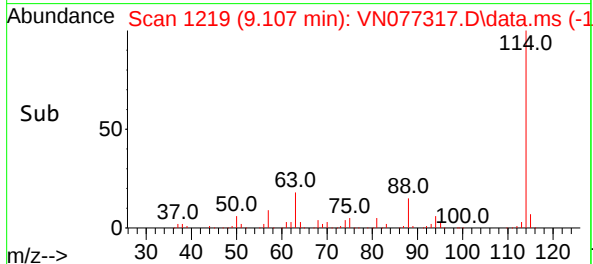
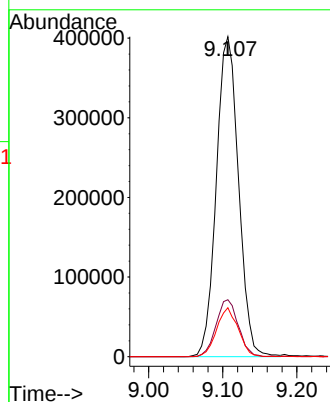
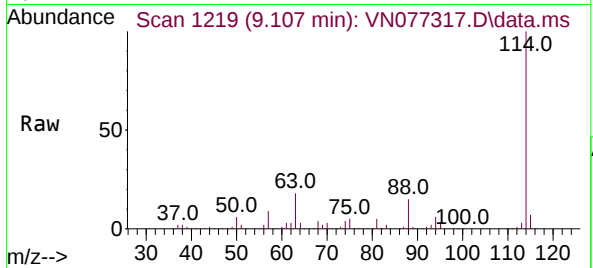




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.107 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN077317.D  
Acq: 13 Apr 2023 10:10

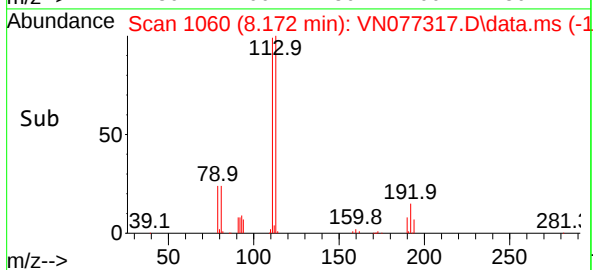
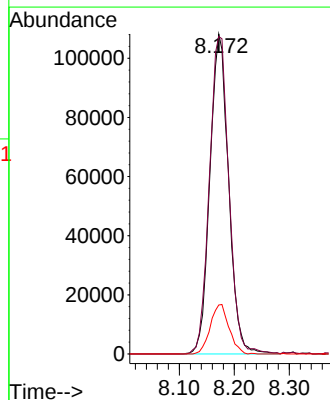
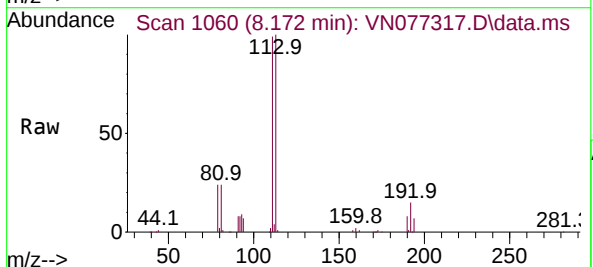
Instrument :  
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ClientSampleId :  
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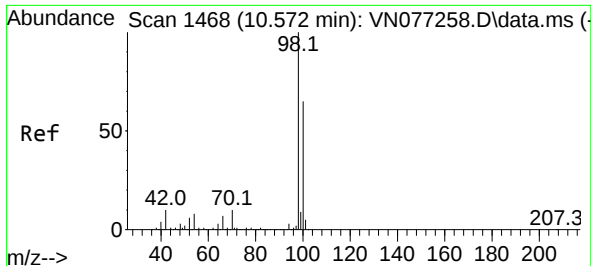
Tgt Ion:114 Resp: 836291  
Ion Ratio Lower Upper  
114 100  
63 17.8 0.0 37.8  
88 15.3 0.0 29.4



#35  
Dibromofluoromethane  
Concen: 47.848 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN077317.D  
Acq: 13 Apr 2023 10:10

Tgt Ion:113 Resp: 256162  
Ion Ratio Lower Upper  
113 100  
111 103.4 83.4 125.0  
192 15.4 13.5 20.3

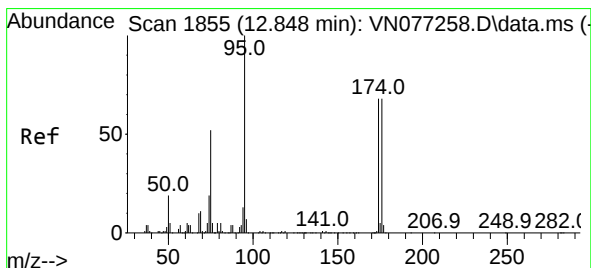
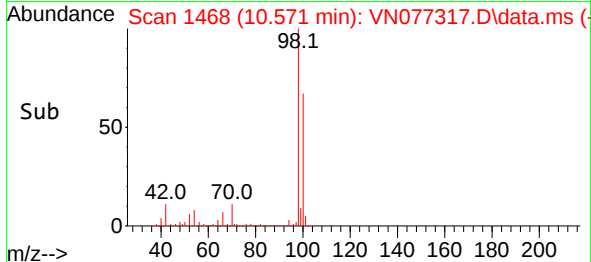
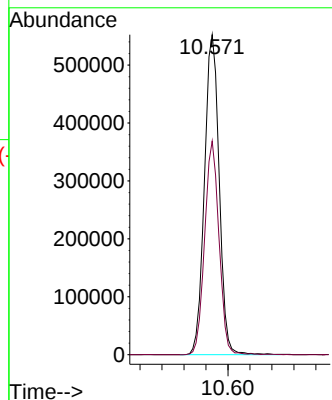
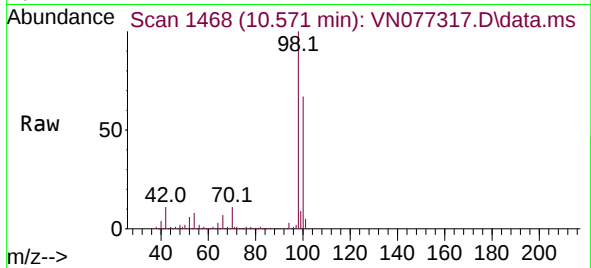




#50  
Toluene-d8  
Concen: 47.671 ug/l  
RT: 10.571 min Scan# 1468  
Delta R.T. -0.001 min  
Lab File: VN077317.D  
Acq: 13 Apr 2023 10:10

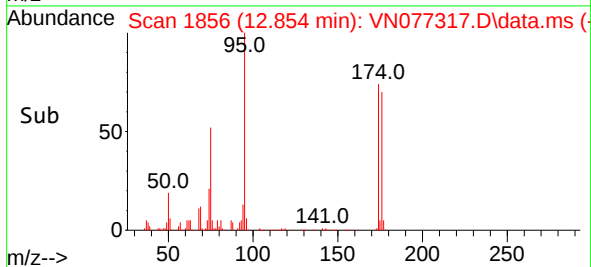
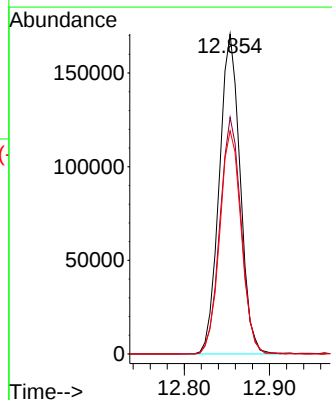
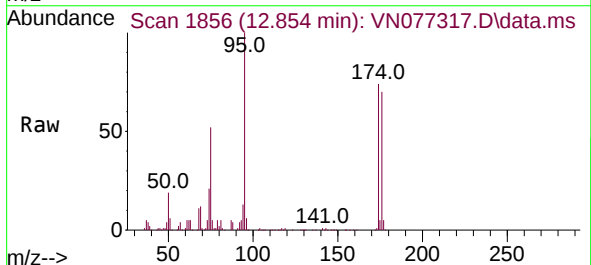
Instrument :  
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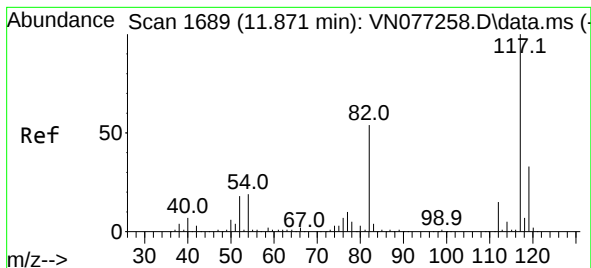
Tgt Ion: 98 Resp: 1027402  
Ion Ratio Lower Upper  
98 100  
100 65.1 51.3 76.9



#62  
4-Bromofluorobenzene  
Concen: 40.622 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN077317.D  
Acq: 13 Apr 2023 10:10

Tgt Ion: 95 Resp: 291176  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 146.8  
176 71.9 0.0 139.6

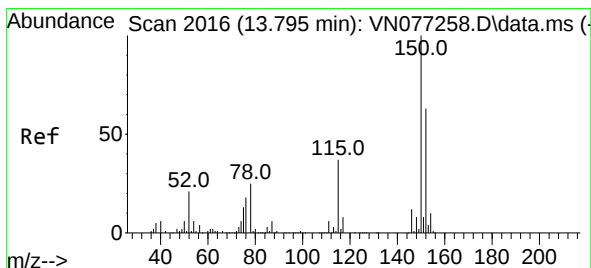
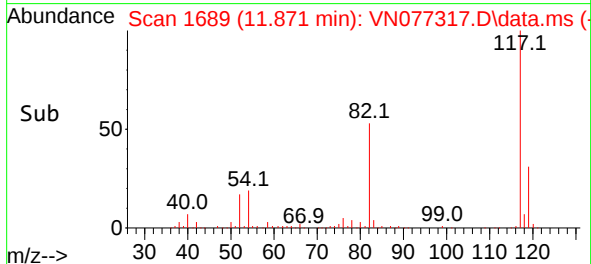
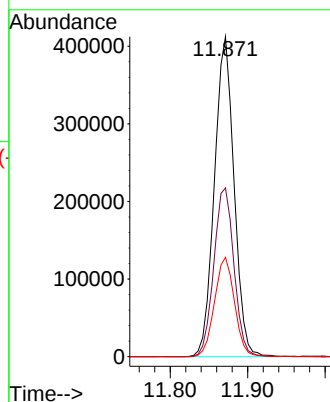
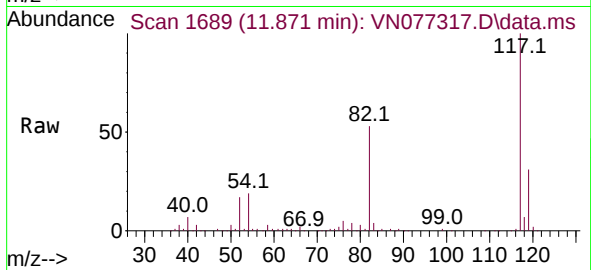




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN077317.D  
Acq: 13 Apr 2023 10:10

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0413MBL01

Tgt Ion:117 Resp: 726005  
Ion Ratio Lower Upper  
117 100  
82 52.8 42.9 64.3  
119 31.1 26.2 39.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN077317.D  
Acq: 13 Apr 2023 10:10

Tgt Ion:152 Resp: 253923  
Ion Ratio Lower Upper  
152 100  
115 63.6 32.1 96.3  
150 156.9 0.0 354.8

