

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110423\  
 Data File : VN079907.D  
 Acq On : 04 Nov 2023 20:52  
 Operator : JC\MD  
 Sample : 05216-01 20X  
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AT-OILY-DEBRIS

Quant Time: Nov 06 02:20:42 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  | 217776   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 437353   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 457568   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 184601   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 206633   | 62.278   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 124.560% |
| 35) Dibromofluoromethane    | 8.171  | 113   | 169735   | 54.834   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 109.660% |
| 50) Toluene-d8              | 10.571 | 98    | 581570   | 51.036   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 102.080% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 199156   | 52.697   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 105.400% |

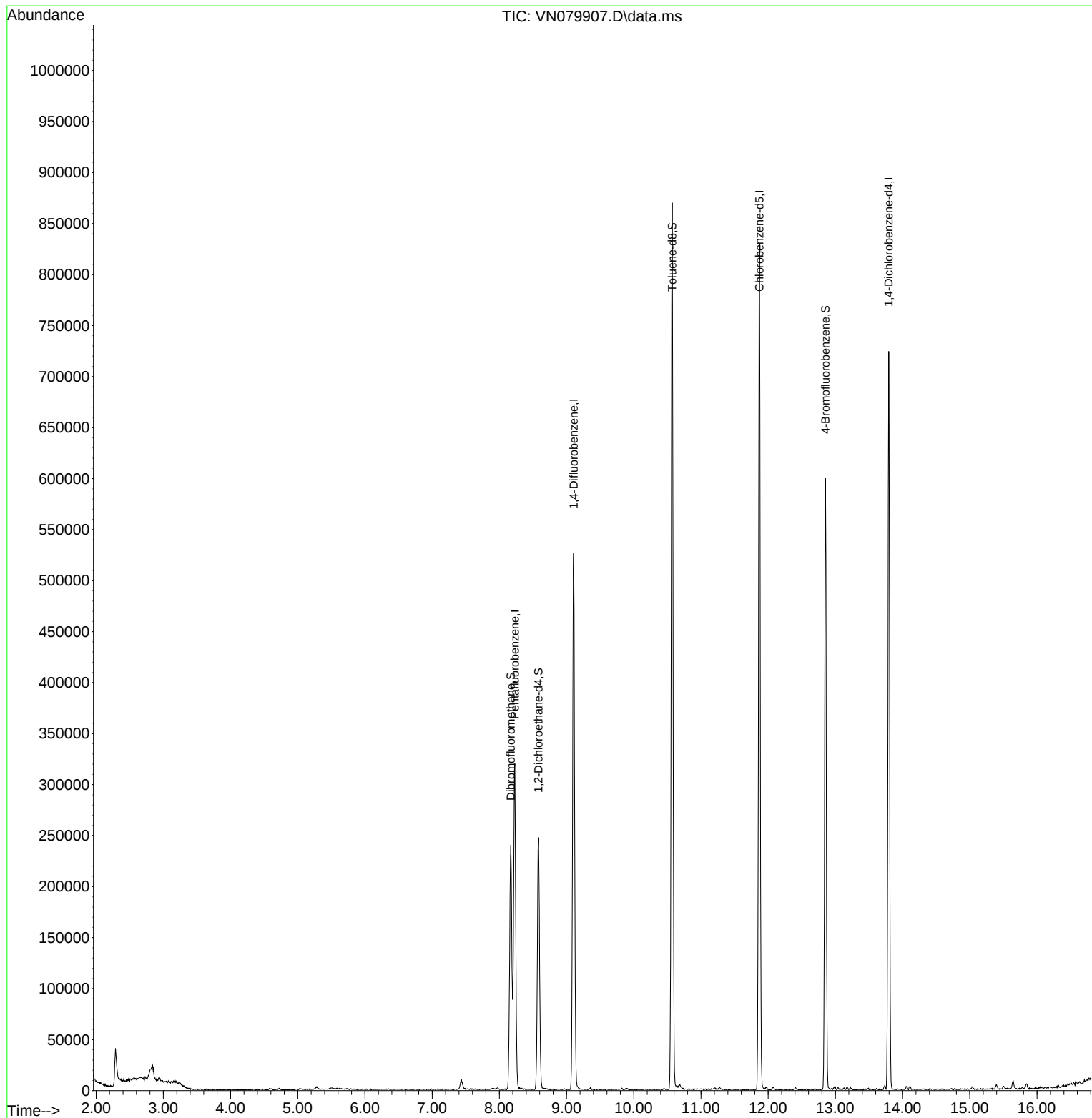
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

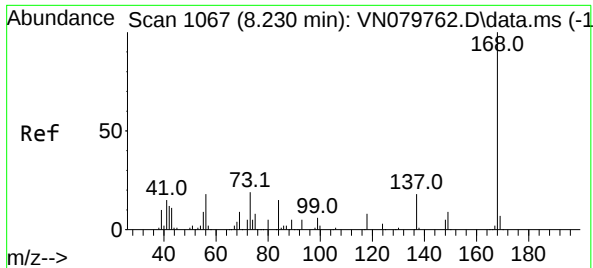
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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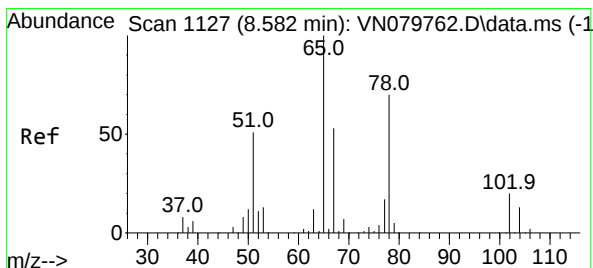
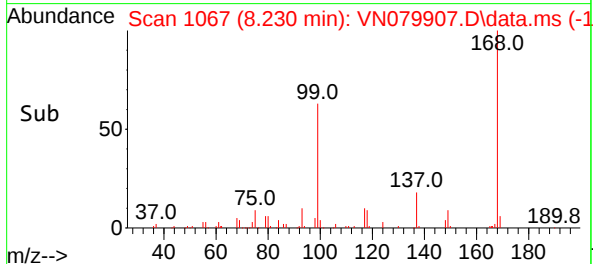
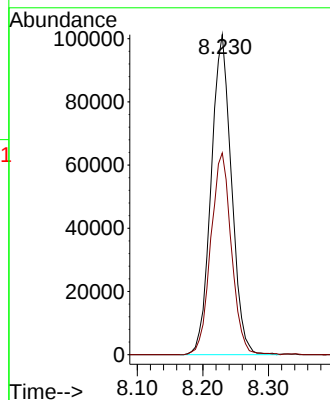
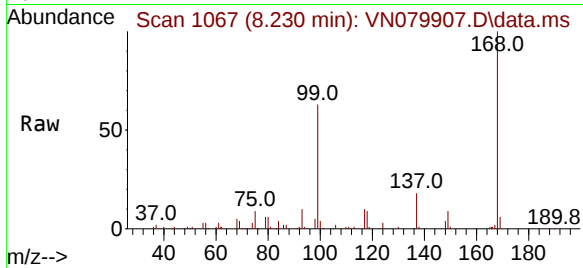




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. 0.001 min  
Lab File: VN079907.D  
Acq: 04 Nov 2023 20:52

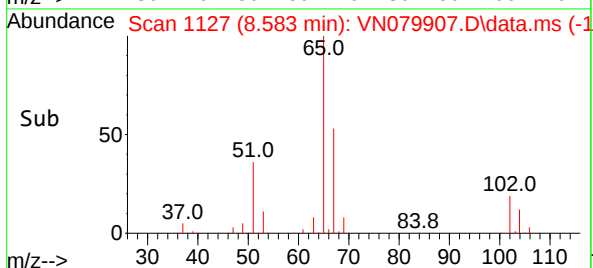
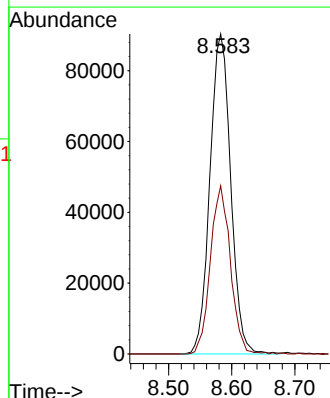
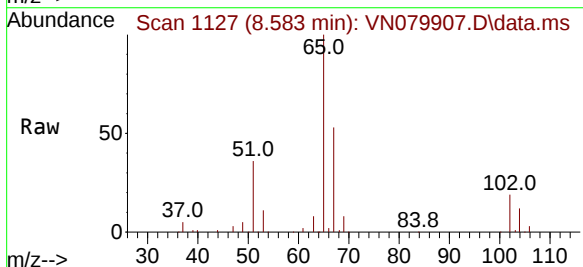
Instrument :  
MSVOA\_N  
ClientSampleId :  
AT-OILY-DEBRIS

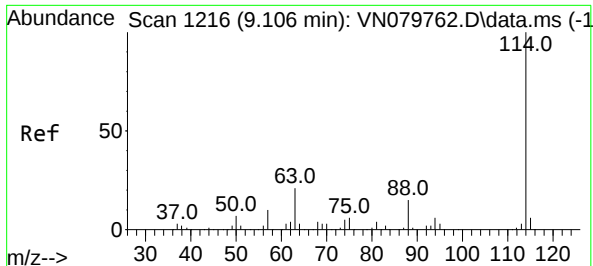
Tgt Ion:168 Resp: 217776  
Ion Ratio Lower Upper  
168 100  
99 63.0 53.0 79.6



#33  
1,2-Dichloroethane-d4  
Concen: 62.278 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN079907.D  
Acq: 04 Nov 2023 20:52

Tgt Ion: 65 Resp: 206633  
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# 1

Delta R.T. 0.000 min

Lab File: VN079907.D

Acq: 04 Nov 2023 20:52

Instrument :

MSVOA\_N

ClientSampleId :

AT-OILY-DEBRIS

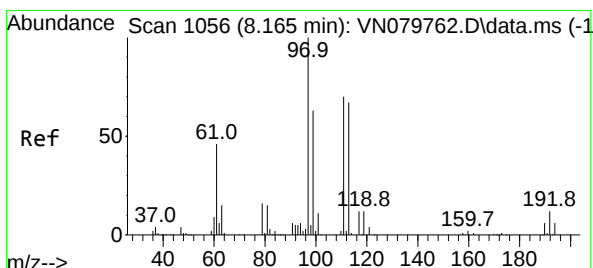
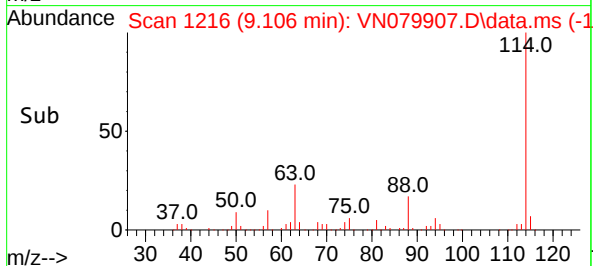
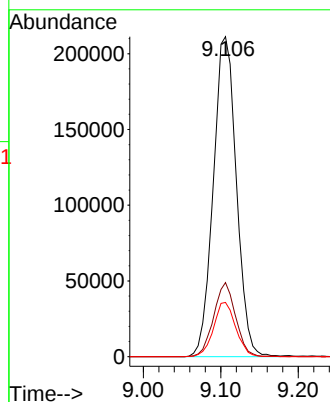
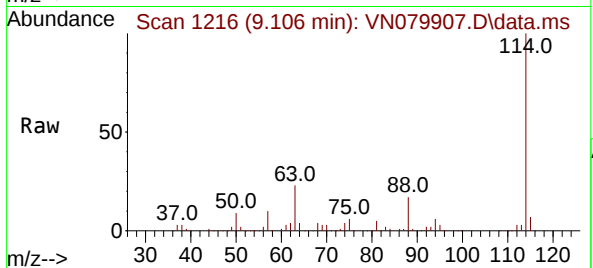
Tgt Ion:114 Resp: 437353

Ion Ratio Lower Upper

114 100

63 23.2 0.0 36.4

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.834 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079907.D

Acq: 04 Nov 2023 20:52

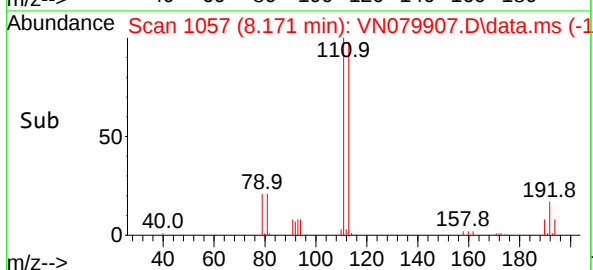
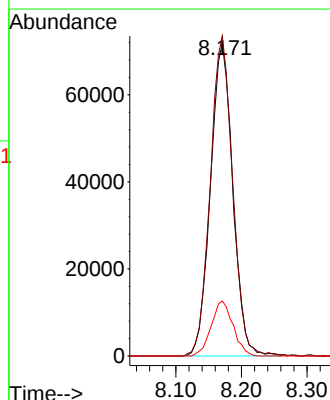
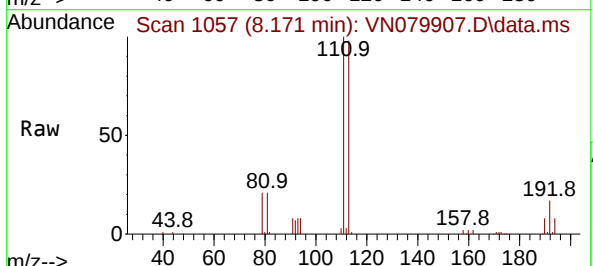
Tgt Ion:113 Resp: 169735

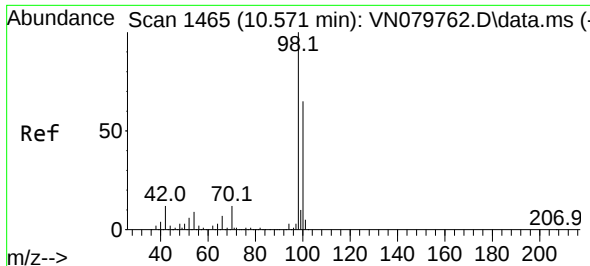
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.2 12.7 19.1

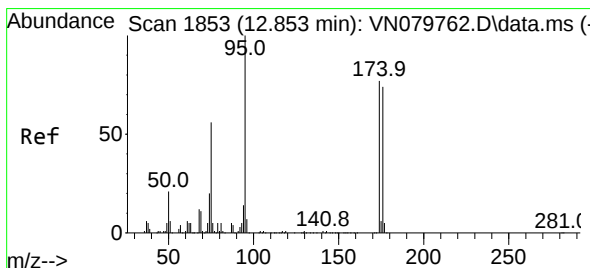
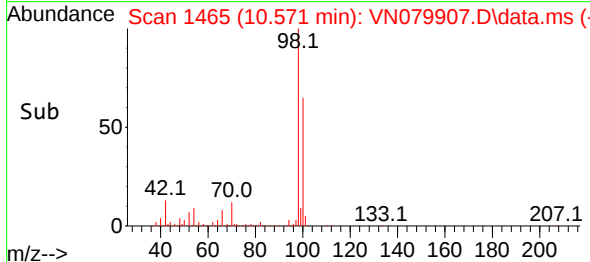
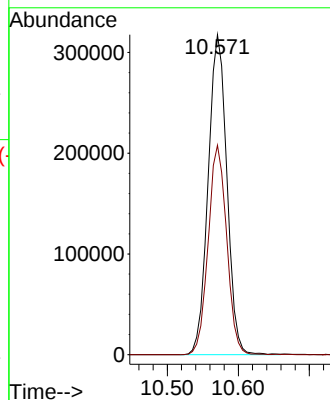
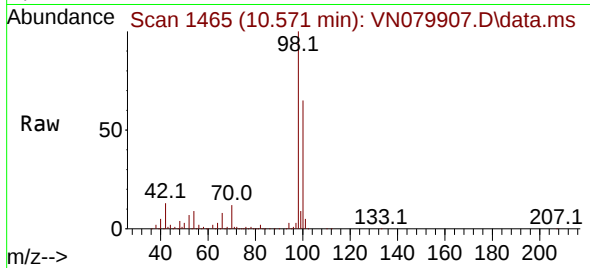




#50  
Toluene-d8  
Concen: 51.036 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN079907.D  
Acq: 04 Nov 2023 20:52

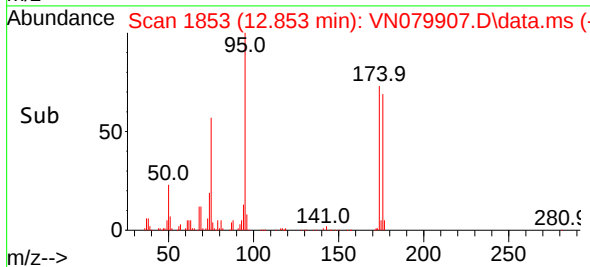
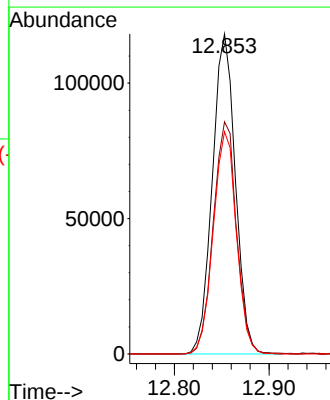
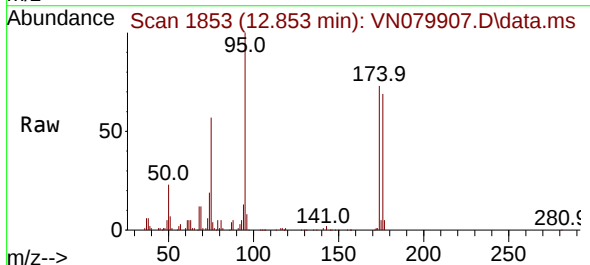
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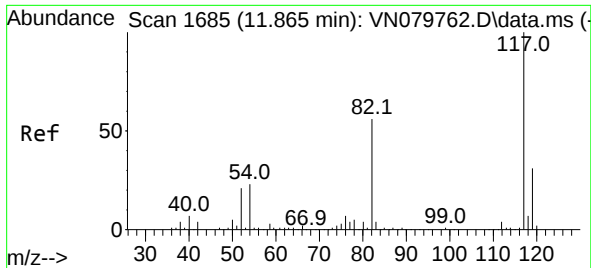
Tgt Ion: 98 Resp: 581570  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 52.697 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN079907.D  
Acq: 04 Nov 2023 20:52

Tgt Ion: 95 Resp: 199156  
Ion Ratio Lower Upper  
95 100  
174 73.7 0.0 143.8  
176 69.9 0.0 135.8

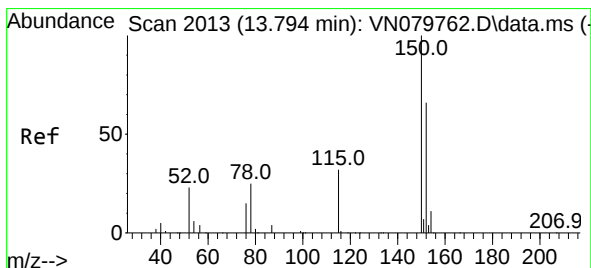
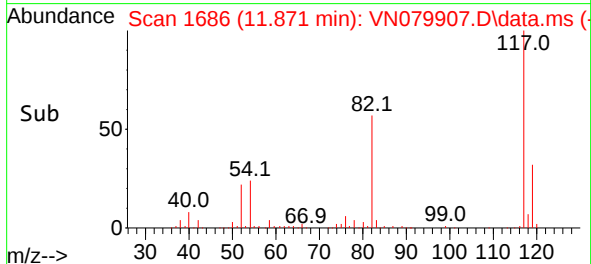
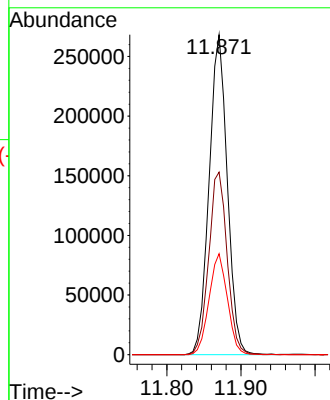
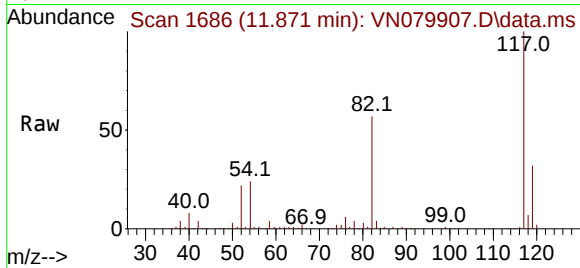




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN079907.D  
Acq: 04 Nov 2023 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
AT-OILY-DEBRIS

Tgt Ion:117 Resp: 457568  
Ion Ratio Lower Upper  
117 100  
82 57.1 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: VN079907.D  
Acq: 04 Nov 2023 20:52

Tgt Ion:152 Resp: 184601  
Ion Ratio Lower Upper  
152 100  
115 62.6 32.3 96.8  
150 155.7 0.0 355.8

