

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090322\  
 Data File : VN074338.D  
 Acq On : 03 Sep 2022 23:50  
 Operator : JC\MD  
 Sample : N4355-11  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-36

Quant Time: Sep 05 05:43:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090222W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 03 04:35:33 2022  
 Response via : Initial Calibration

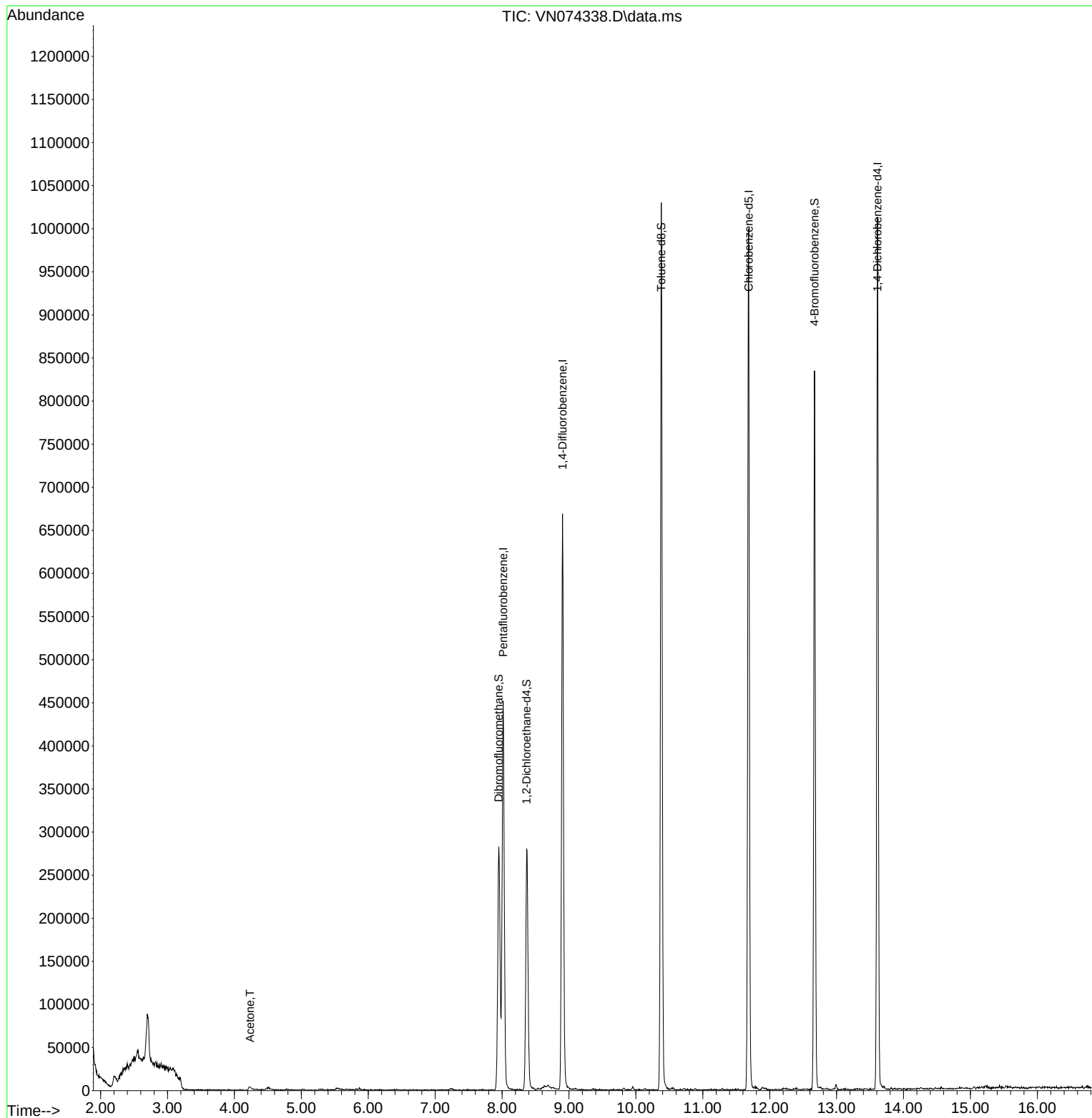
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 313763   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 557656   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 547783   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610 | 152   | 249072   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 229280   | 46.878   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 93.760%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 200728   | 54.320   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 108.640% |
| 50) Toluene-d8              | 10.380 | 98    | 680496   | 46.701   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 93.400%  |
| 62) 4-Bromofluorobenzene    | 12.668 | 95    | 247319   | 46.590   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 93.180%  |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 4.234  | 43    | 7086     | 3.467    | ug/l  | # 80     |
| -----                       |        |       |          |          |       |          |

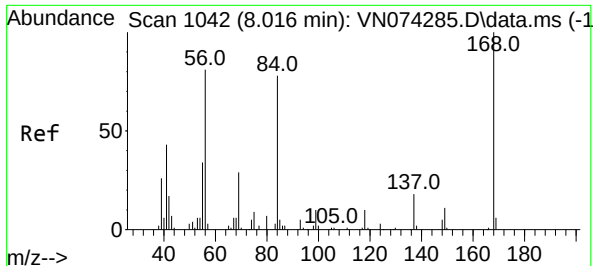
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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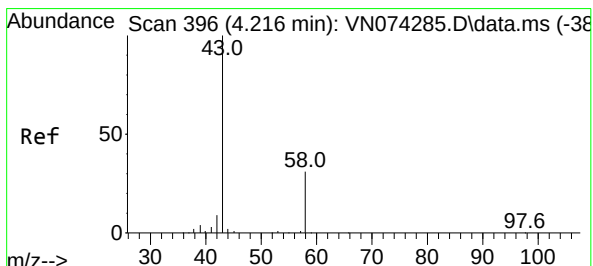
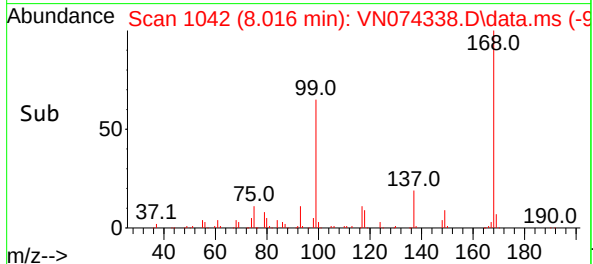
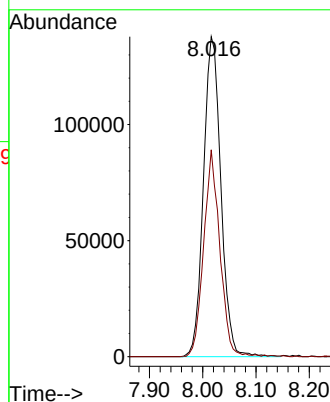
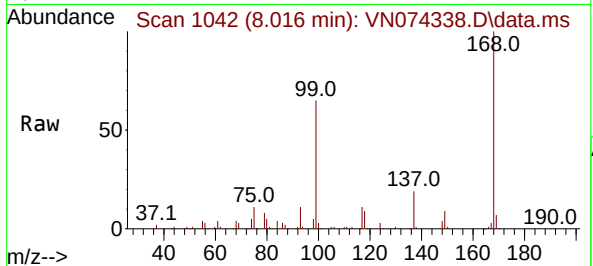




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN074338.D  
Acq: 03 Sep 2022 23:50

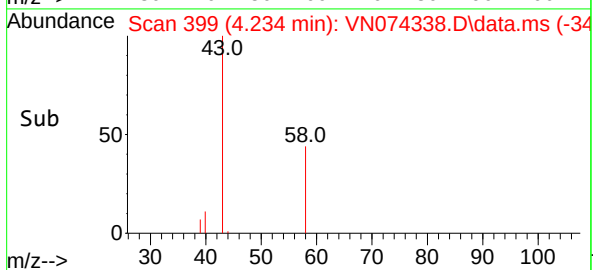
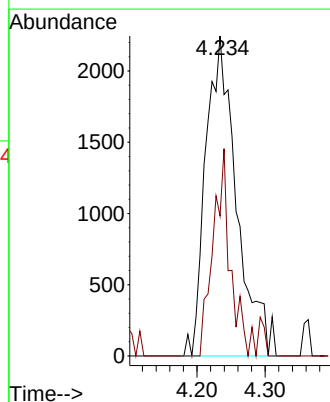
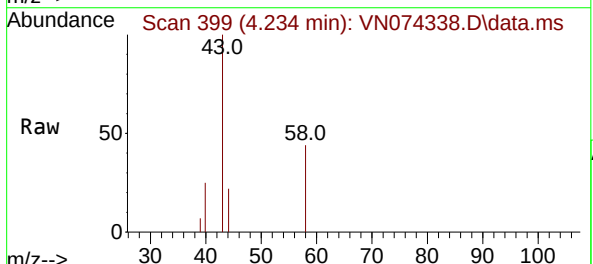
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-36

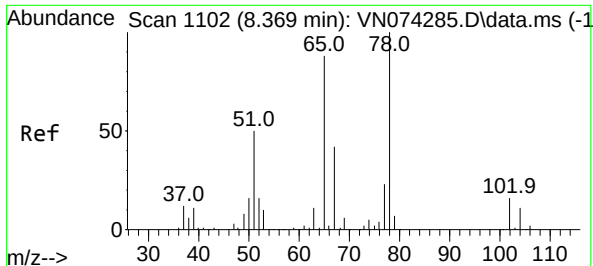
Tgt Ion:168 Resp: 313763  
Ion Ratio Lower Upper  
168 100  
99 64.6 42.3 63.5#



#16  
Acetone  
Concen: 3.467 ug/l  
RT: 4.234 min Scan# 399  
Delta R.T. 0.012 min  
Lab File: VN074338.D  
Acq: 03 Sep 2022 23:50

Tgt Ion: 43 Resp: 7086  
Ion Ratio Lower Upper  
43 100  
58 43.8 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 46.878 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074338.D

Acq: 03 Sep 2022 23:50

Instrument :

MSVOA\_N

ClientSampleId :

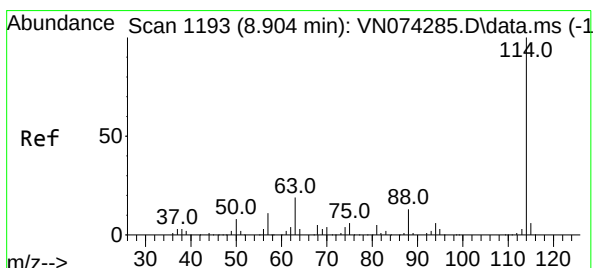
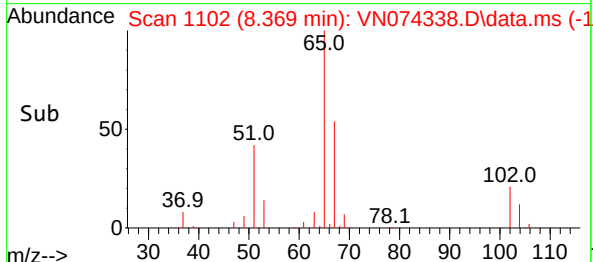
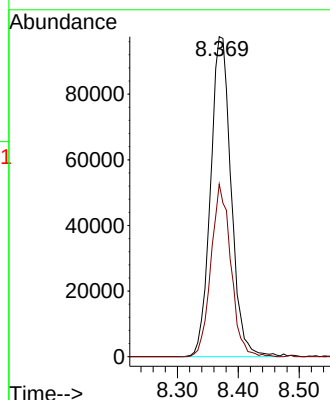
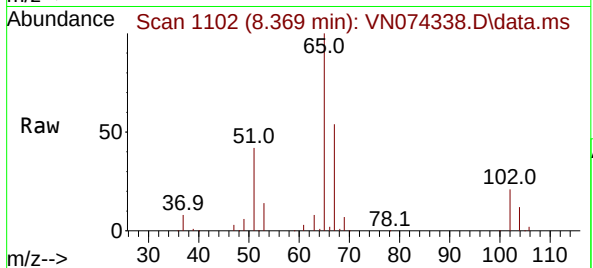
MW-36

Tgt Ion: 65 Resp: 229280

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074338.D

Acq: 03 Sep 2022 23:50

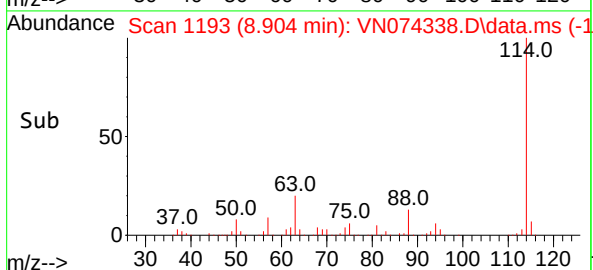
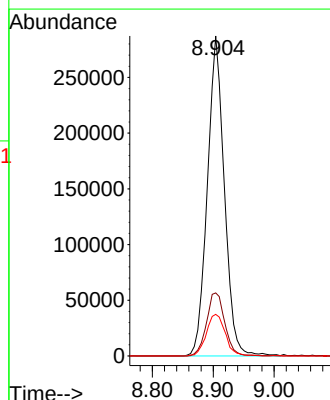
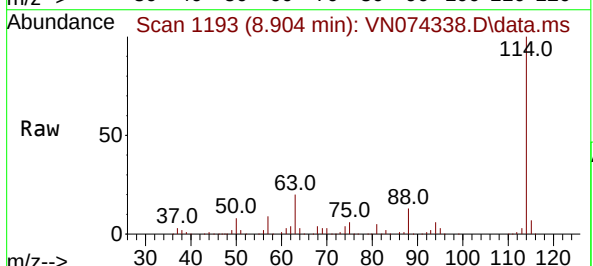
Tgt Ion: 114 Resp: 557656

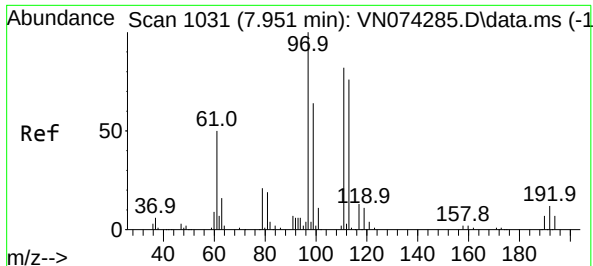
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 13.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.320 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074338.D

Acq: 03 Sep 2022 23:50

Instrument :

MSVOA\_N

ClientSampleId :

MW-36

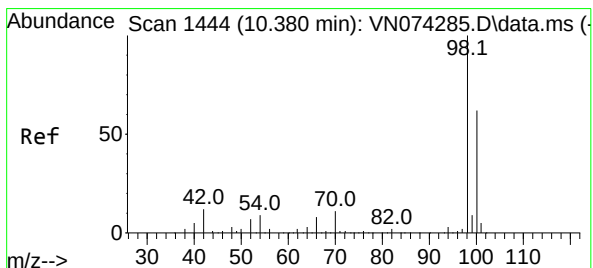
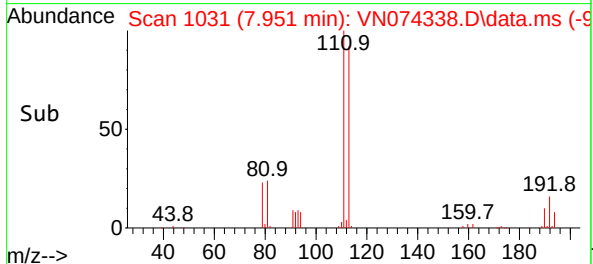
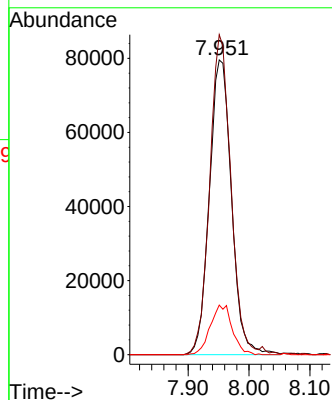
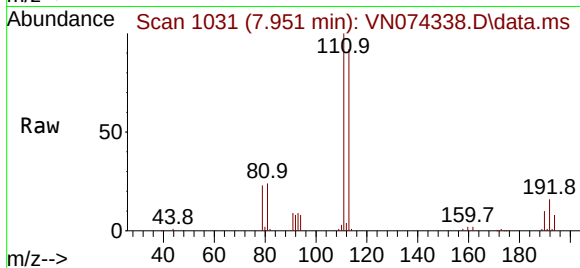
Tgt Ion:113 Resp: 200728

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 16.8 17.0 25.6#



#50

Toluene-d8

Concen: 46.701 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074338.D

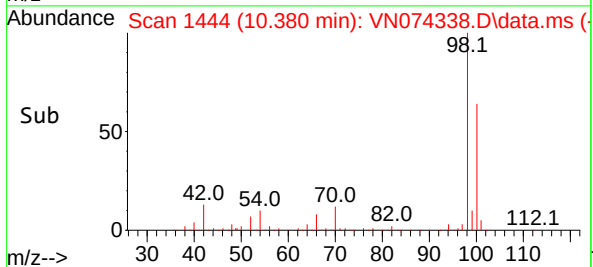
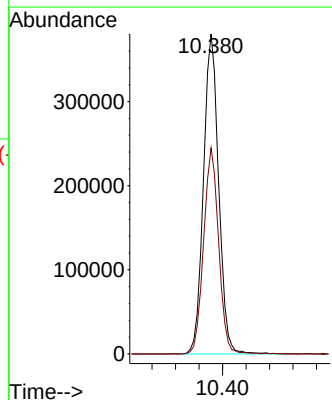
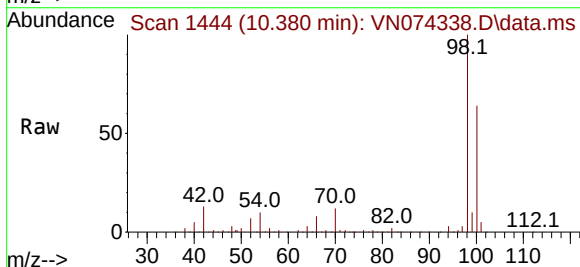
Acq: 03 Sep 2022 23:50

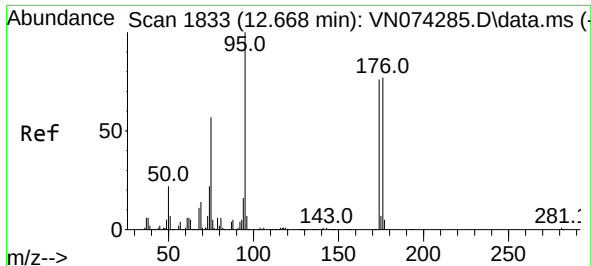
Tgt Ion: 98 Resp: 680496

Ion Ratio Lower Upper

98 100

100 63.7 52.6 78.8

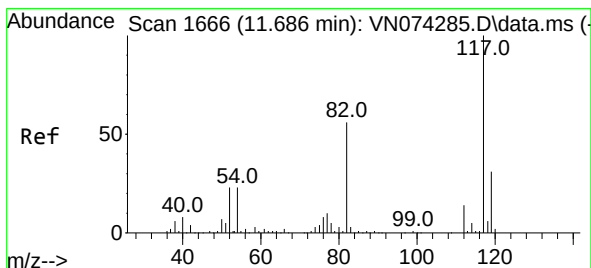
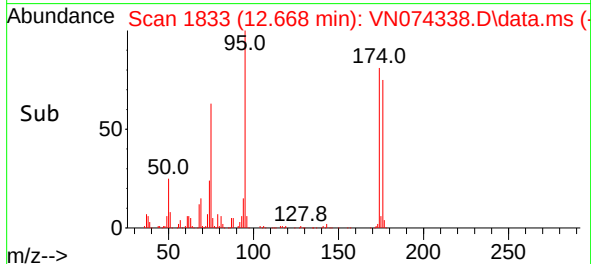
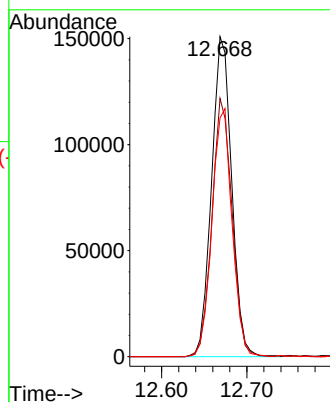
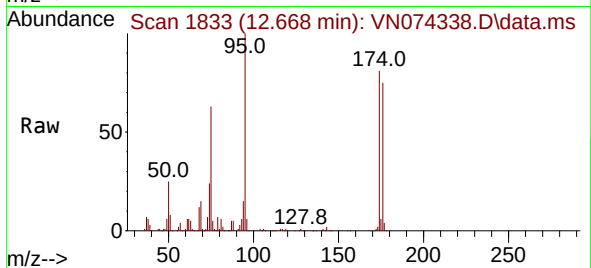




#62  
4-Bromofluorobenzene  
Concen: 46.590 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.001 min  
Lab File: VN074338.D  
Acq: 03 Sep 2022 23:50

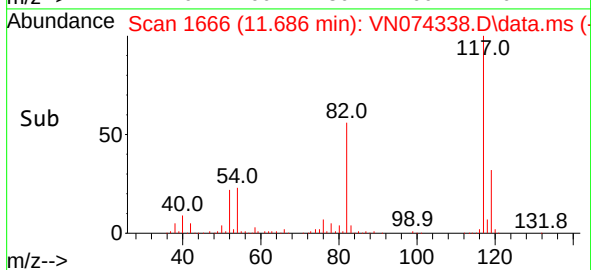
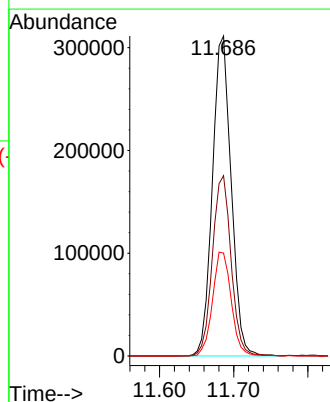
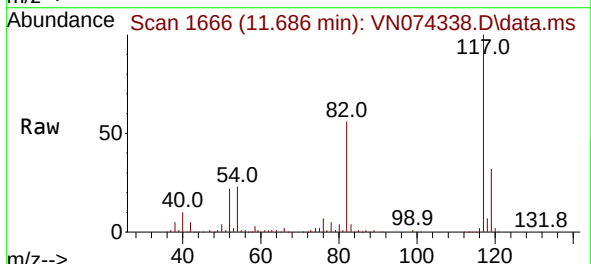
Instrument :  
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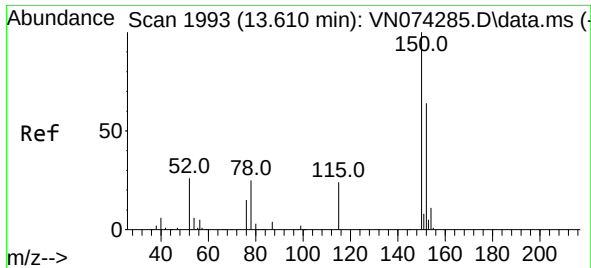
Tgt Ion: 95 Resp: 247319  
Ion Ratio Lower Upper  
95 100  
174 80.9 0.0 167.6  
176 77.5 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VN074338.D  
Acq: 03 Sep 2022 23:50

Tgt Ion: 117 Resp: 547783  
Ion Ratio Lower Upper  
117 100  
82 56.4 44.2 66.2  
119 32.1 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.610 min Scan# 1993  
 Delta R.T. -0.000 min  
 Lab File: VN074338.D  
 Acq: 03 Sep 2022 23:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-36

Tgt Ion:152 Resp: 249072  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 59.9  | 28.9  | 86.7  |
| 150 | 158.6 | 0.0   | 356.2 |

