

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061422\  
 Data File : VN072835.D  
 Acq On : 14 Jun 2022 15:00  
 Operator : JC\MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

Quant Time: Jun 15 04:34:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 15 04:13:32 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.081  | 168   | 372998   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 618340   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 567226   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.669 | 152   | 225144   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 239795   | 41.509   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 83.020%  |
| 35) Dibromofluoromethane    | 8.016  | 113   | 195125   | 50.969   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 101.940% |
| 50) Toluene-d8              | 10.439 | 98    | 656608   | 43.460   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 86.920%  |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 271552   | 53.544   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 107.080% |

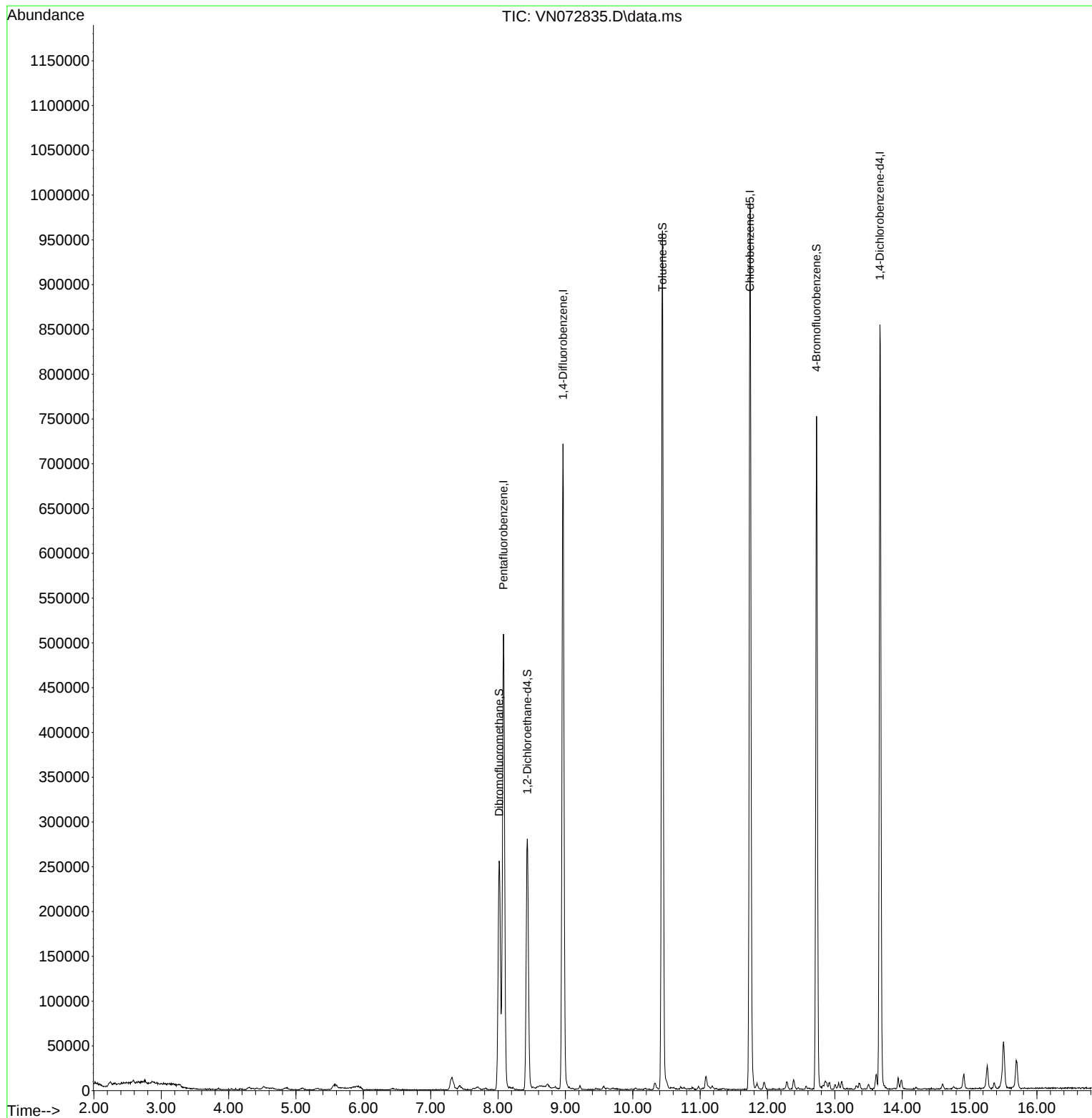
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

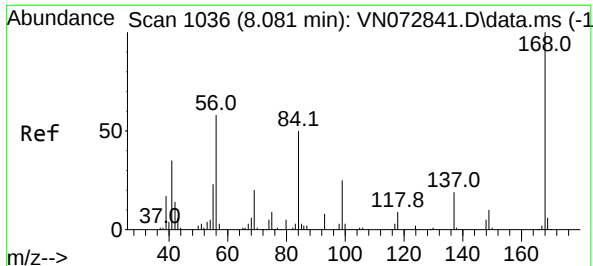
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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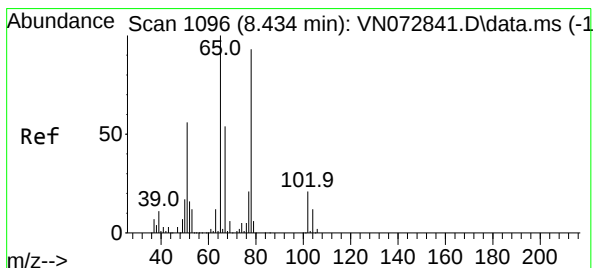
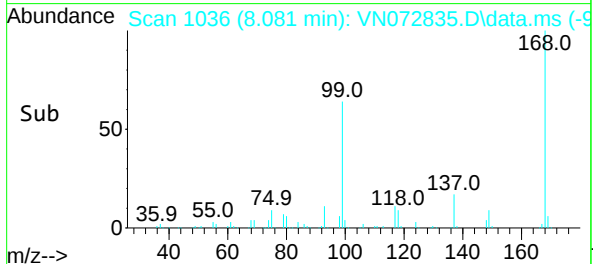
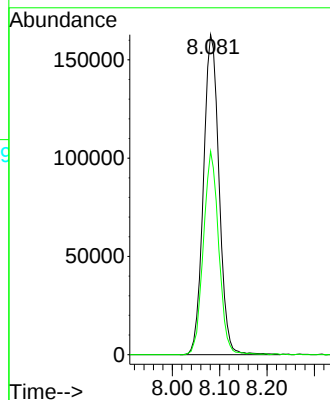
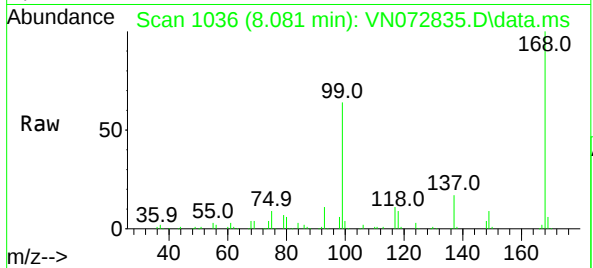




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072835.D  
Acq: 14 Jun 2022 15:00

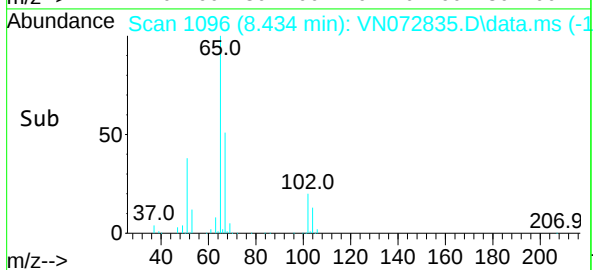
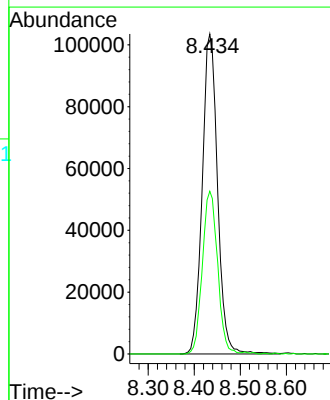
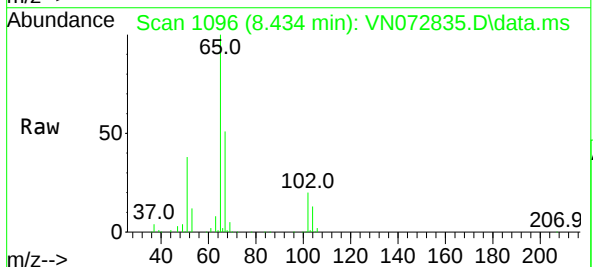
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

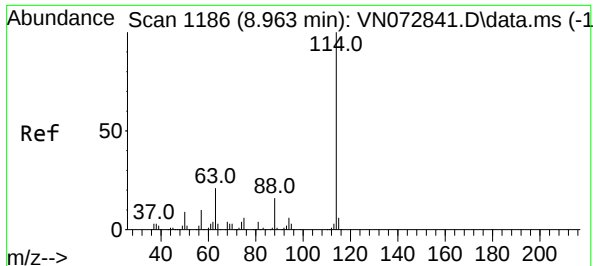
Tgt Ion:168 Resp: 372998  
Ion Ratio Lower Upper  
168 100  
99 63.5 42.3 63.5#



#33  
1,2-Dichloroethane-d4  
Concen: 41.509 ug/l  
RT: 8.434 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: VN072835.D  
Acq: 14 Jun 2022 15:00

Tgt Ion: 65 Resp: 239795  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

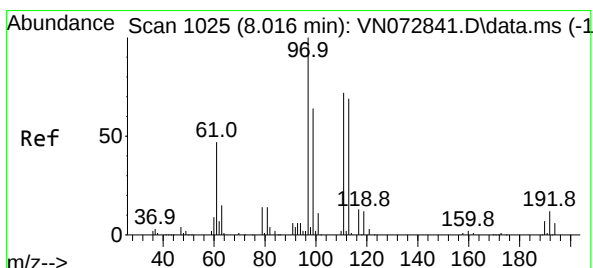
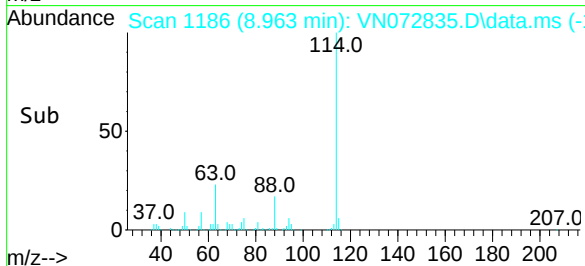
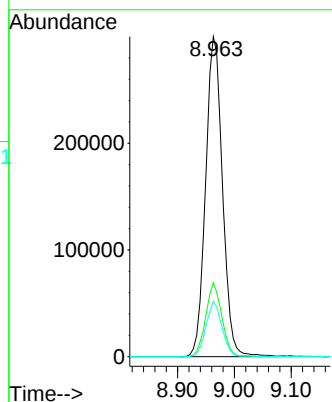
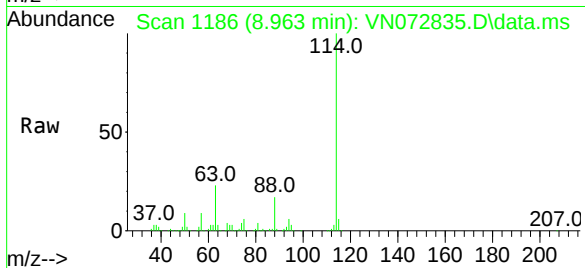
Tgt Ion:114 Resp: 618340

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 17.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.969 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

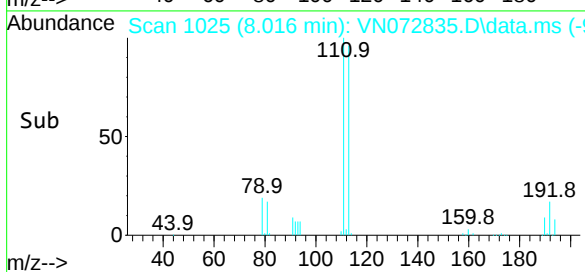
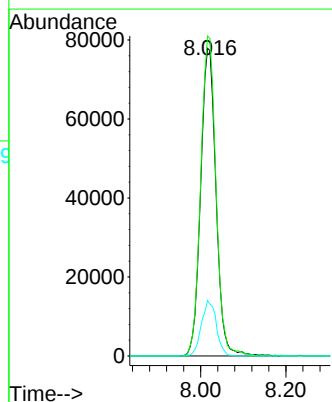
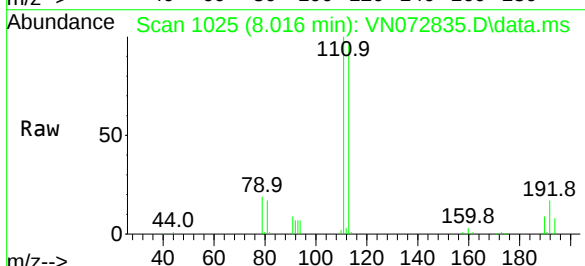
Tgt Ion:113 Resp: 195125

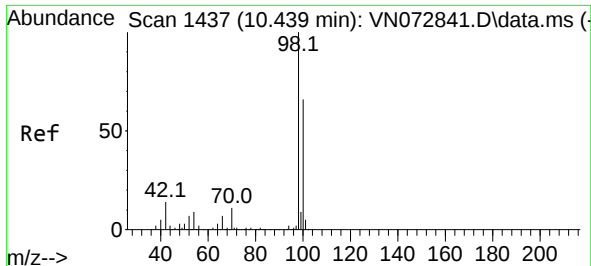
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 17.4 17.0 25.6

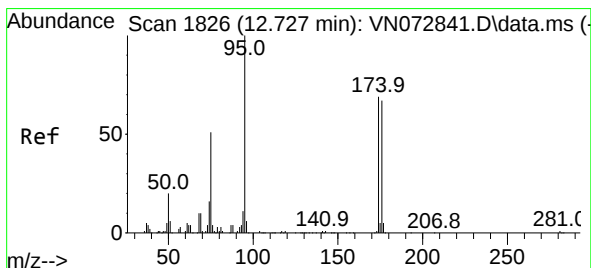
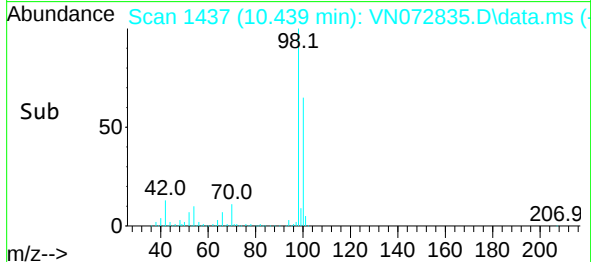
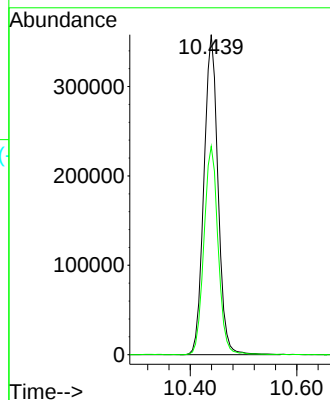
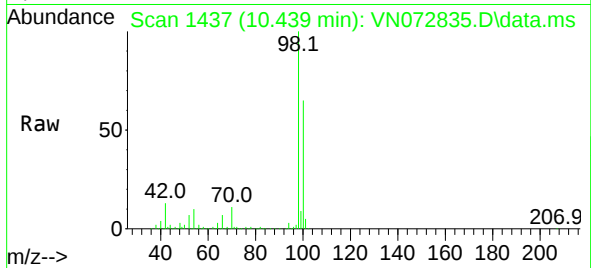




#50  
Toluene-d8  
Concen: 43.460 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072835.D  
Acq: 14 Jun 2022 15:00

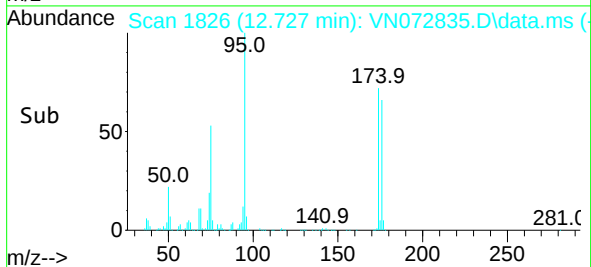
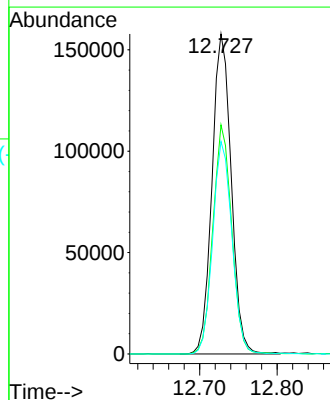
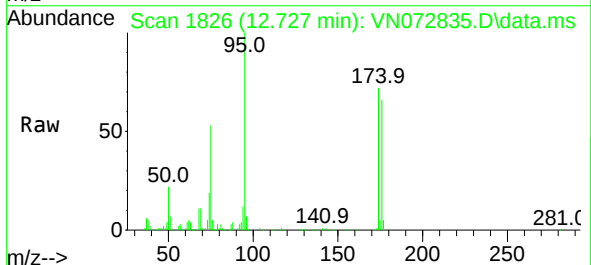
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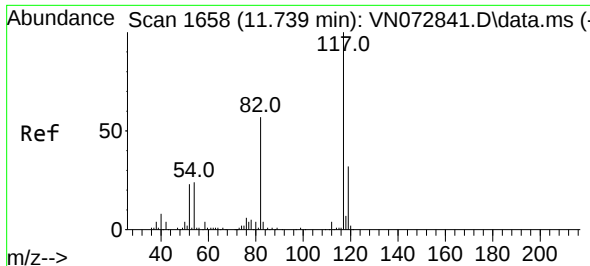
Tgt Ion: 98 Resp: 656608  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 53.544 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072835.D  
Acq: 14 Jun 2022 15:00

Tgt Ion: 95 Resp: 271552  
Ion Ratio Lower Upper  
95 100  
174 70.4 0.0 167.6  
176 66.6 0.0 163.4

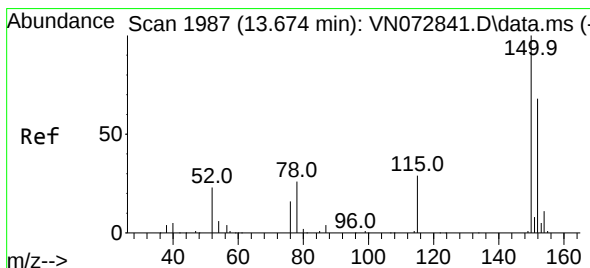
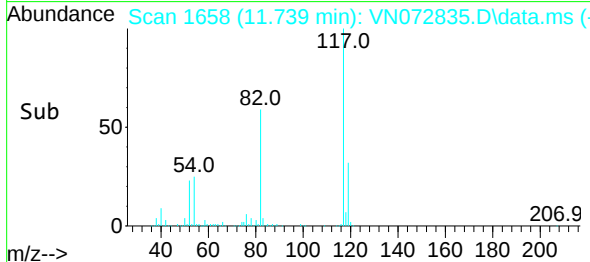
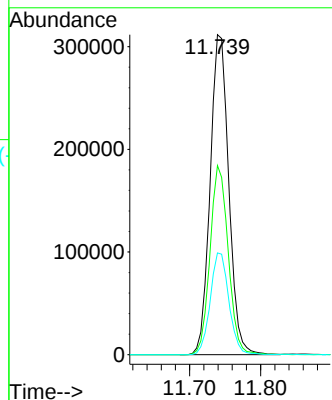
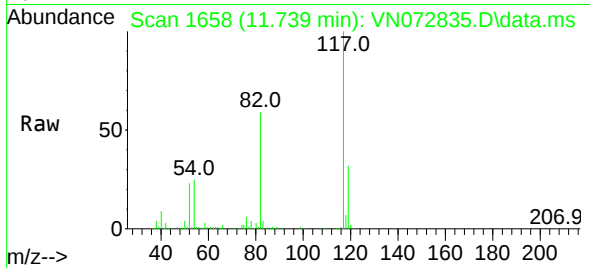




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072835.D  
Acq: 14 Jun 2022 15:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 567226  
Ion Ratio Lower Upper  
117 100  
82 59.1 44.2 66.2  
119 31.8 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.669 min Scan# 1986  
Delta R.T. -0.005 min  
Lab File: VN072835.D  
Acq: 14 Jun 2022 15:00

Tgt Ion:152 Resp: 225144  
Ion Ratio Lower Upper  
152 100  
115 62.2 28.9 86.7  
150 160.0 0.0 356.2

