

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082622\  
 Data File : VN074132.D  
 Acq On : 26 Aug 2022 13:12  
 Operator : JC\MD  
 Sample : VN0826WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0826WBL01

Quant Time: Aug 27 00:19:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 26 06:44:47 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.016  | 168  | 630296   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.904  | 114  | 943758   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.686 | 117  | 792145   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.615 | 152  | 341729   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 322972   | 52.609   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 105.220% |
| 35) Dibromofluoromethane    | 7.951  | 113   | 281593   | 50.453   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 100.900% |
| 50) Toluene-d8              | 10.380 | 98    | 1051864  | 48.662   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 97.320%  |
| 62) 4-Bromofluorobenzene    | 12.668 | 95    | 328188   | 45.747   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 91.500%  |

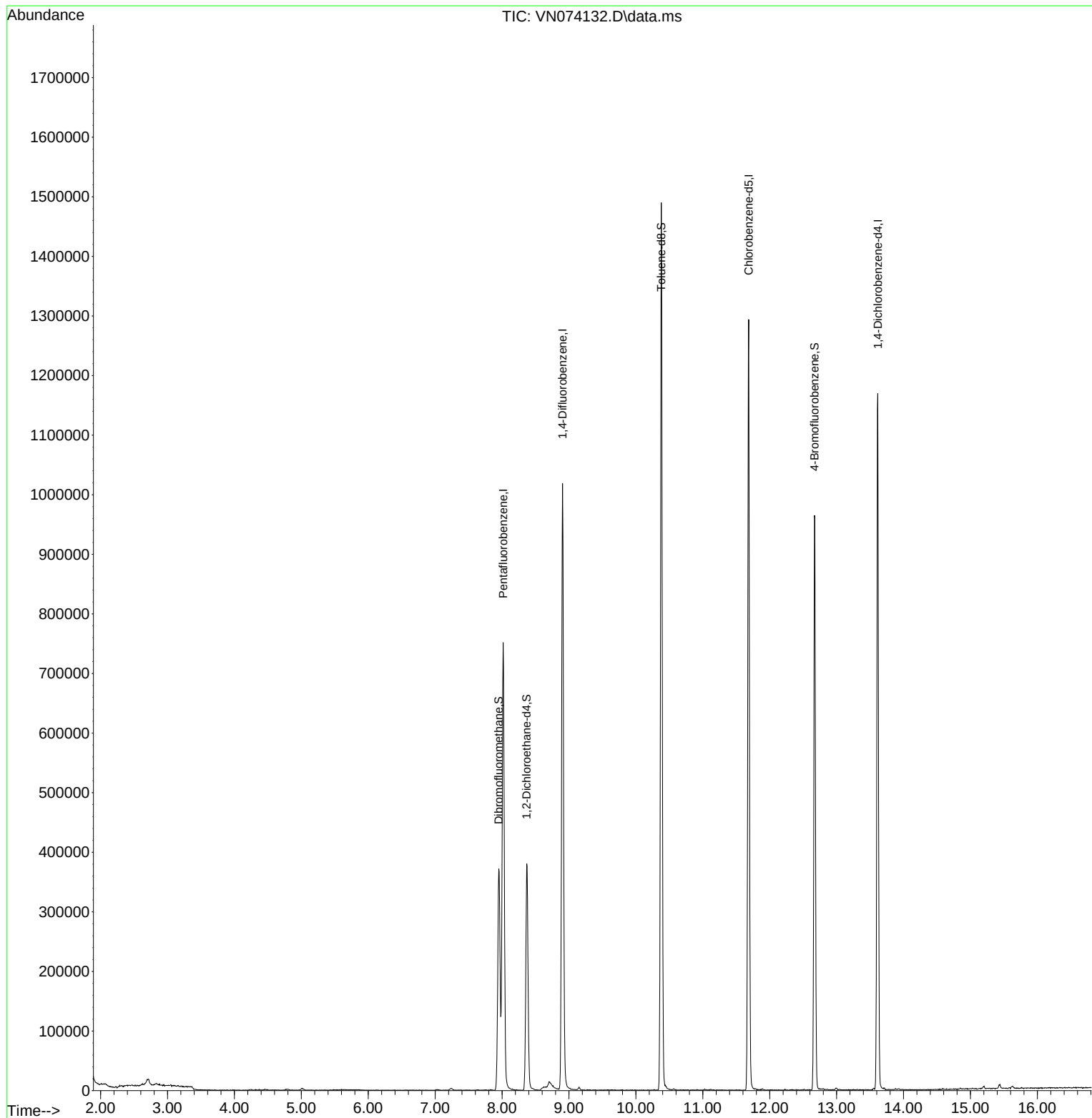
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

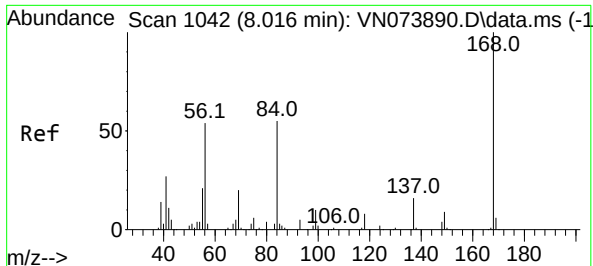
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082622\  
Data File : VN074132.D  
Acq On : 26 Aug 2022 13:12  
Operator : JC\MD  
Sample : VN0826WBL01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0826WBL01

Quant Time: Aug 27 00:19:32 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081522W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 26 06:44:47 2022  
Response via : Initial Calibration

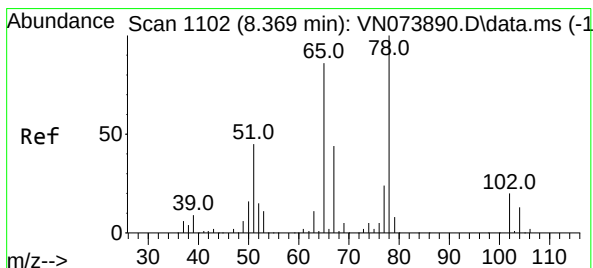
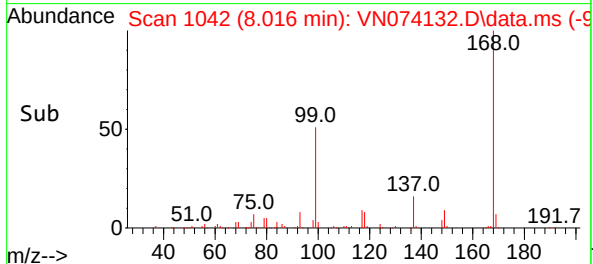
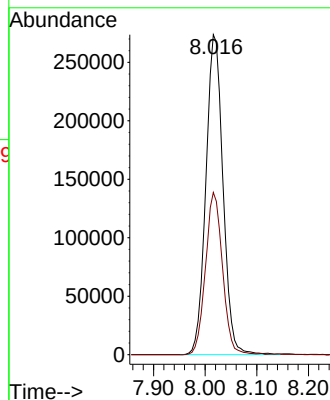
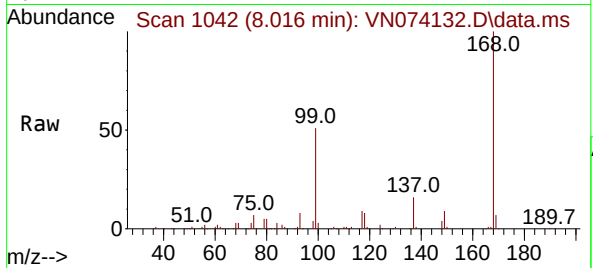




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN074132.D  
Acq: 26 Aug 2022 13:12

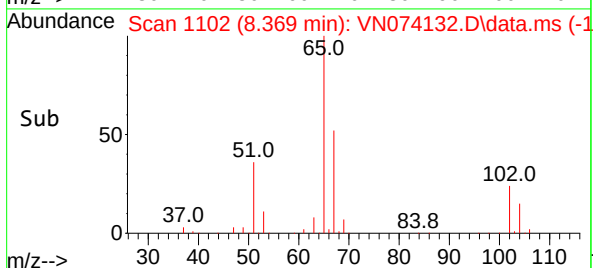
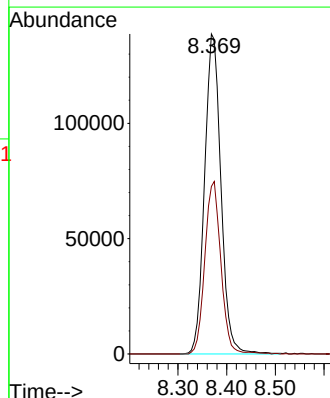
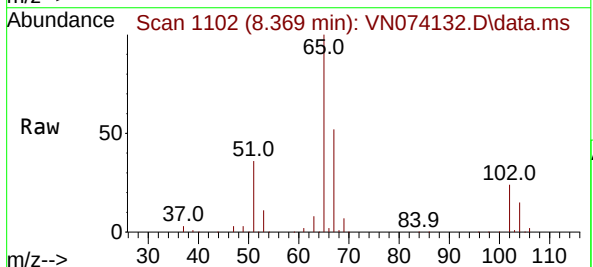
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0826WBL01

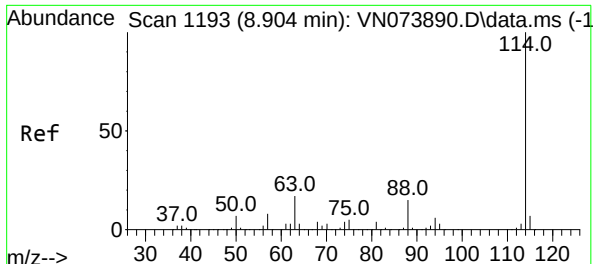
Tgt Ion:168 Resp: 630296  
Ion Ratio Lower Upper  
168 100  
99 50.7 42.3 63.5



#33  
1,2-Dichloroethane-d4  
Concen: 52.609 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VN074132.D  
Acq: 26 Aug 2022 13:12

Tgt Ion: 65 Resp: 322972  
Ion Ratio Lower Upper  
65 100  
67 52.9 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: VN074132.D

Acq: 26 Aug 2022 13:12

Instrument :

MSVOA\_N

ClientSampleId :

VN0826WBL01

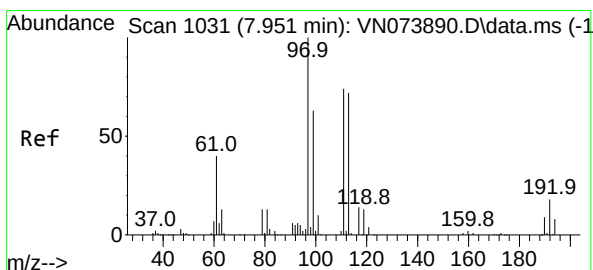
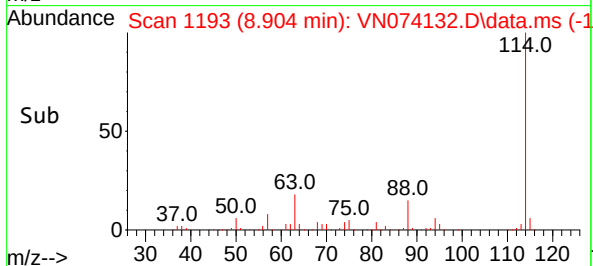
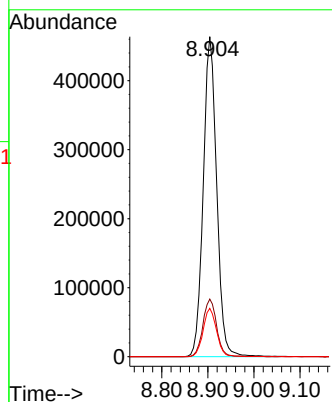
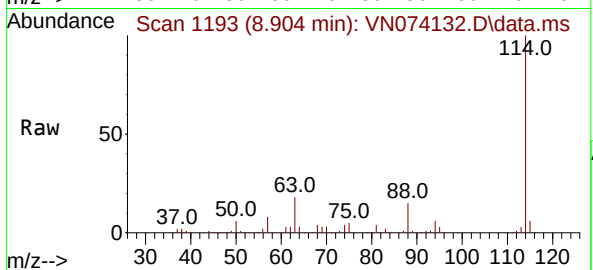
Tgt Ion:114 Resp: 943758

Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.453 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074132.D

Acq: 26 Aug 2022 13:12

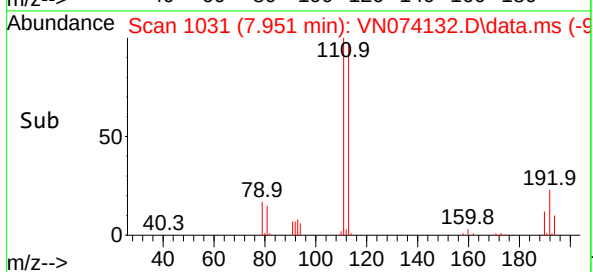
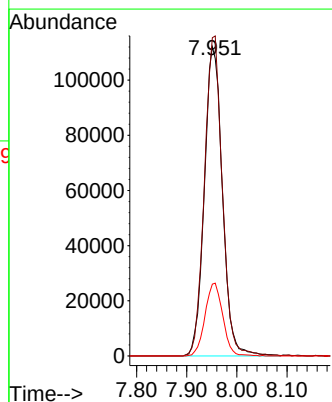
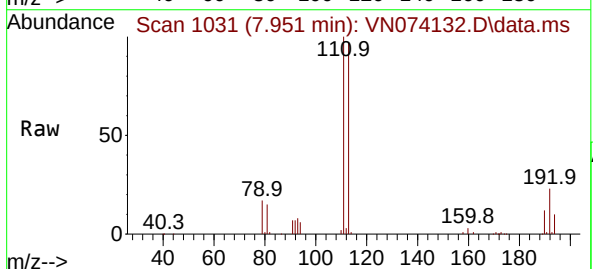
Tgt Ion:113 Resp: 281593

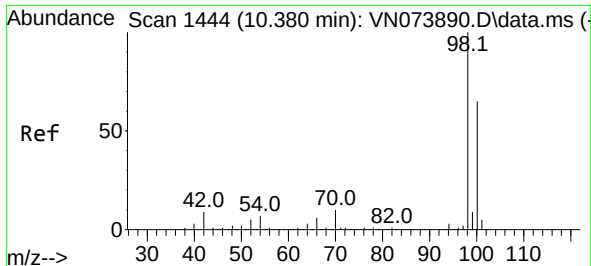
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 23.1 17.0 25.6

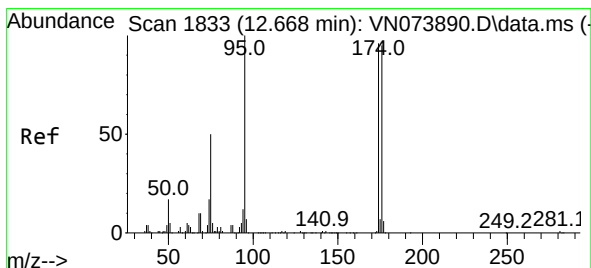
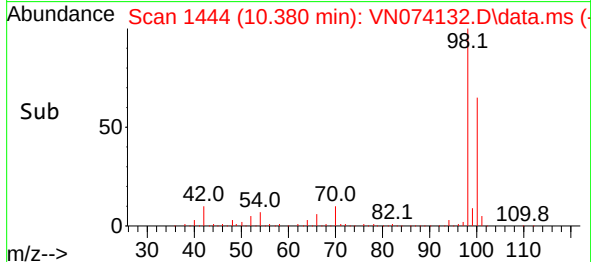
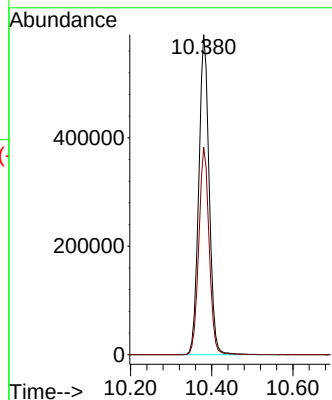
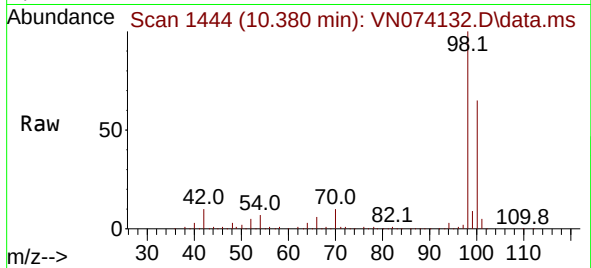




#50  
Toluene-d8  
Concen: 48.662 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN074132.D  
Acq: 26 Aug 2022 13:12

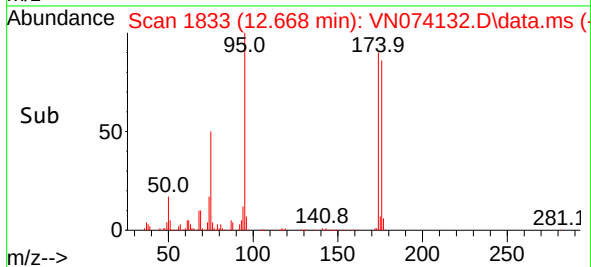
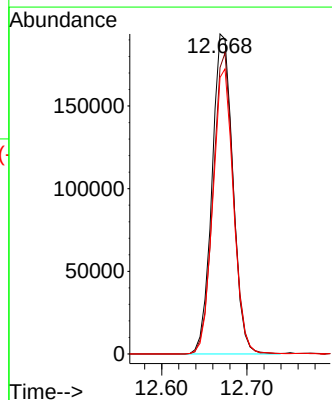
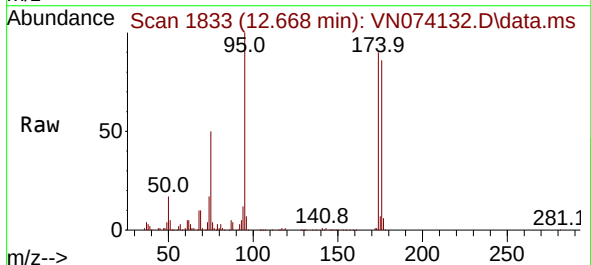
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0826WBL01

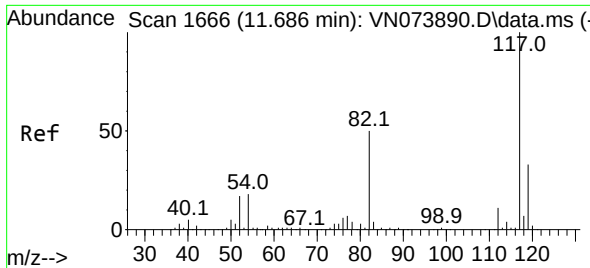
Tgt Ion: 98 Resp: 1051864  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 45.747 ug/l  
RT: 12.668 min Scan# 1833  
Delta R.T. -0.006 min  
Lab File: VN074132.D  
Acq: 26 Aug 2022 13:12

Tgt Ion: 95 Resp: 328188  
Ion Ratio Lower Upper  
95 100  
174 92.2 0.0 167.6  
176 87.9 0.0 163.4

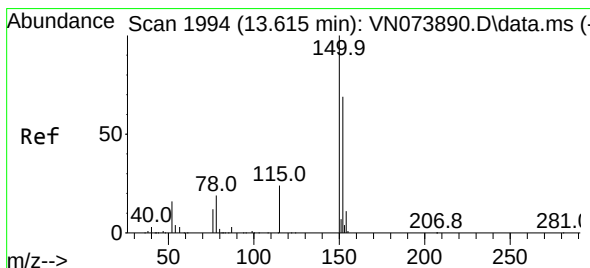
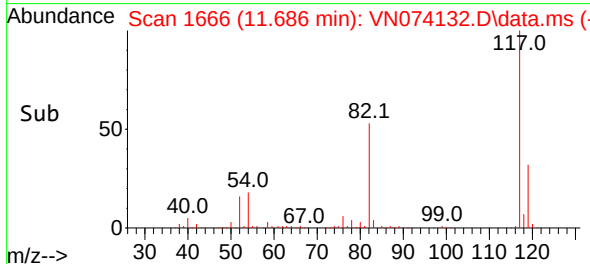
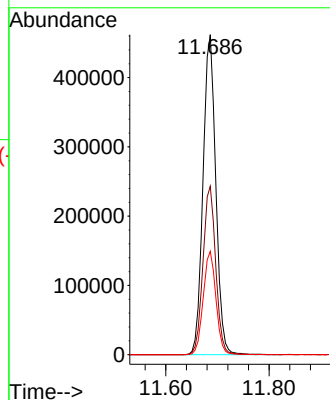
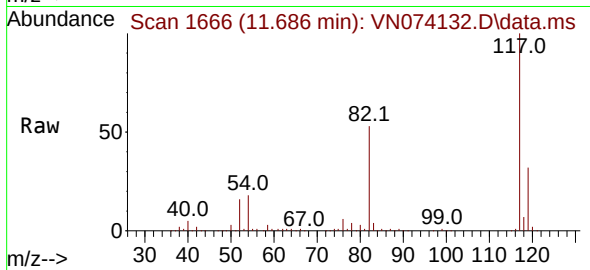




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN074132.D  
Acq: 26 Aug 2022 13:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0826WBL01

Tgt Ion:117 Resp: 792145  
Ion Ratio Lower Upper  
117 100  
82 52.6 44.2 66.2  
119 32.3 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: VN074132.D  
Acq: 26 Aug 2022 13:12

Tgt Ion:152 Resp: 341729  
Ion Ratio Lower Upper  
152 100  
115 56.4 28.9 86.7  
150 158.3 0.0 356.2

