

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050522\  
 Data File : VN072337.D  
 Acq On : 05 May 2022 11:33  
 Operator : JC\MD  
 Sample : VN0505WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0505WBL01

Quant Time: May 06 01:33:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.081  | 168  | 218467   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 426267   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 460264   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.674 | 152  | 176839   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 175886   | 52.441   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 104.880% |
| 35) Dibromofluoromethane    | 8.016  | 113   | 139087   | 50.978   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 101.960% |
| 50) Toluene-d8              | 10.439 | 98    | 550441   | 51.343   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 102.680% |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 209796   | 58.957   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 117.920% |

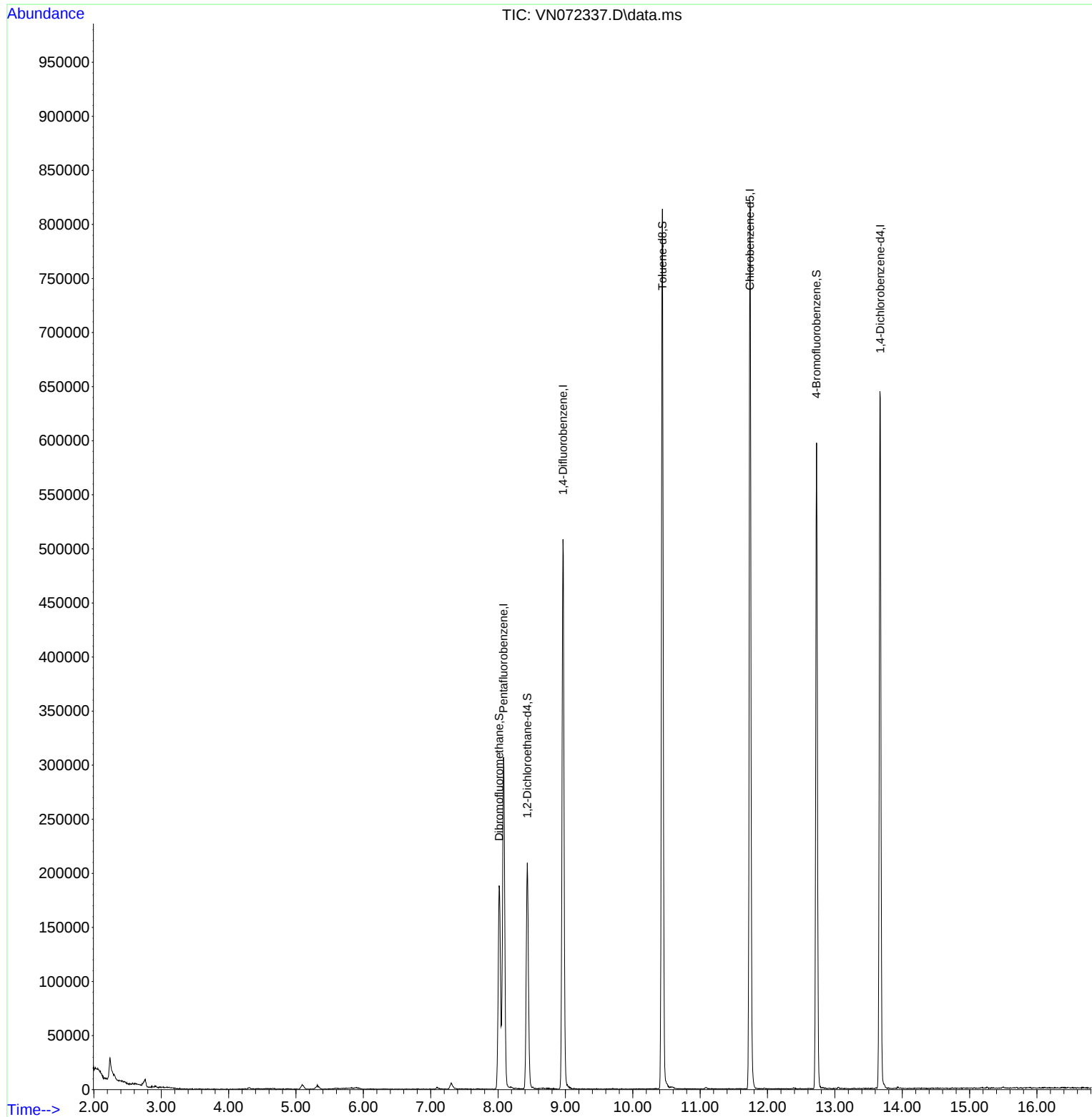
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

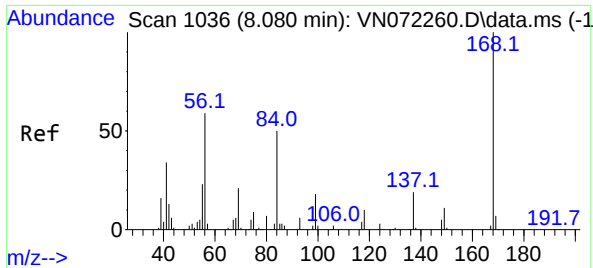
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0505WBL01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBL01

Quant Time: May 06 01:33:38 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 26 18:50:11 2022  
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VN072337.D

Acq: 05 May 2022 11:33

Instrument :

MSVOA\_N

ClientSampleId :

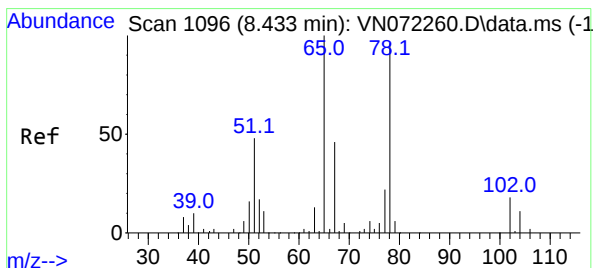
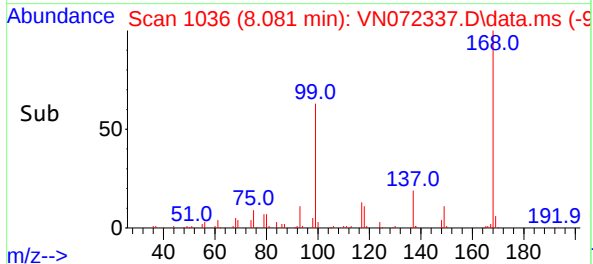
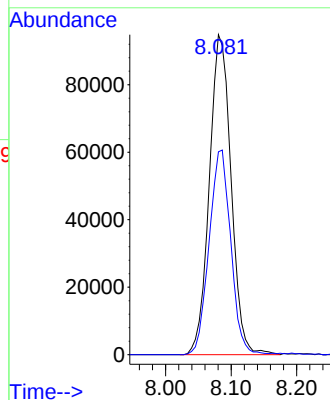
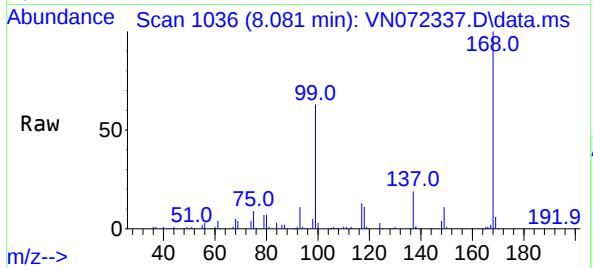
VN0505WBL01

Tgt Ion:168 Resp: 218467

Ion Ratio Lower Upper

168 100

99 63.4 42.3 63.5



1,2-Dichloroethane-d4

Concen: 52.441 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072337.D

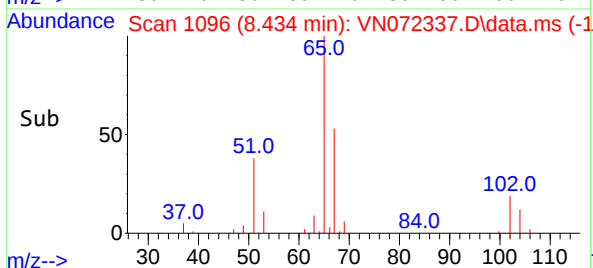
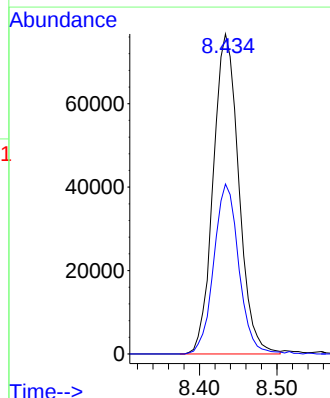
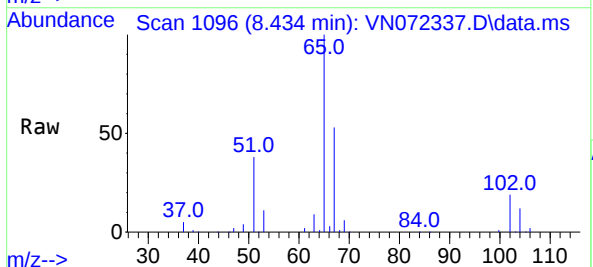
Acq: 05 May 2022 11:33

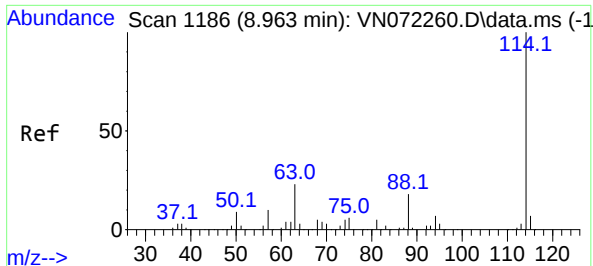
Tgt Ion: 65 Resp: 175886

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8

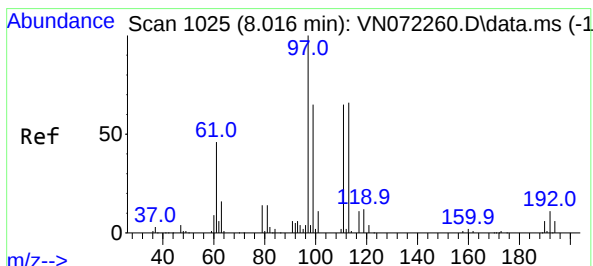
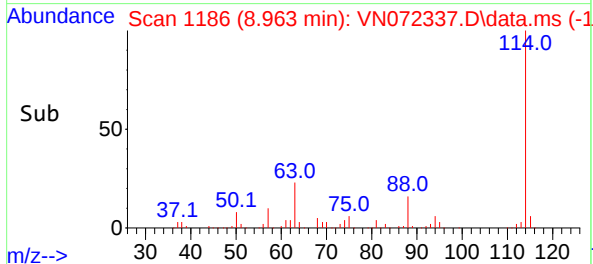
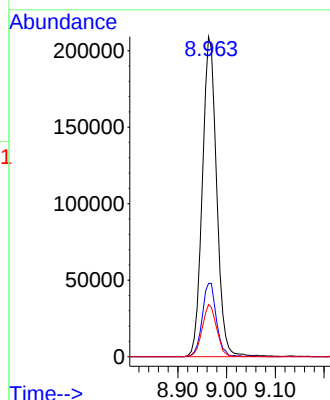
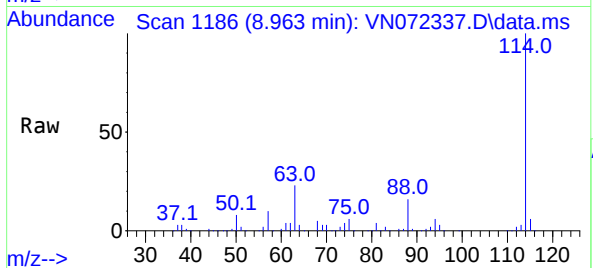




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072337.D  
Acq: 05 May 2022 11:33

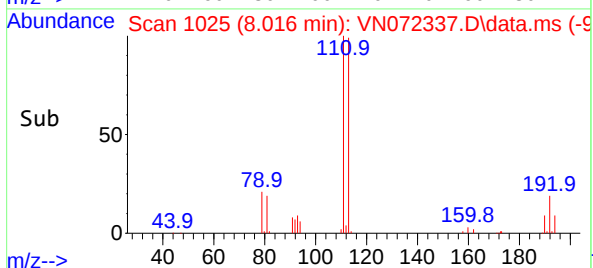
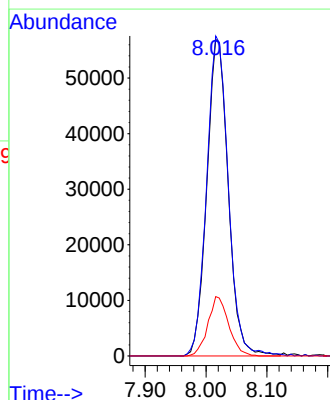
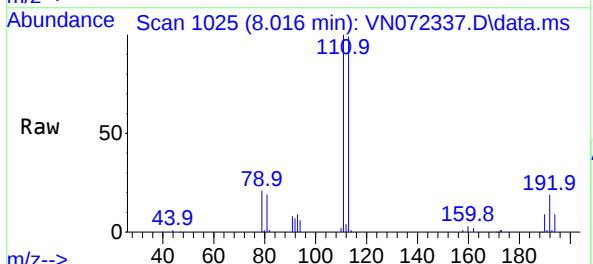
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBL01

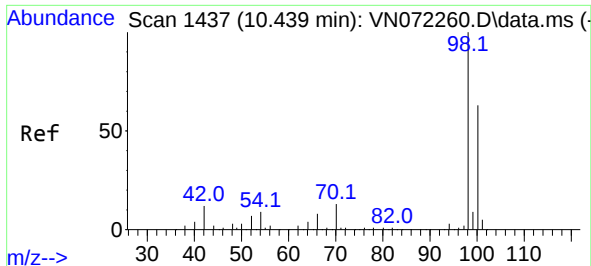
Tgt Ion:114 Resp: 426267  
Ion Ratio Lower Upper  
114 100  
63 22.9 0.0 40.0  
88 16.3 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 50.978 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072337.D  
Acq: 05 May 2022 11:33

Tgt Ion:113 Resp: 139087  
Ion Ratio Lower Upper  
113 100  
111 102.3 81.4 122.0  
192 18.2 17.0 25.6

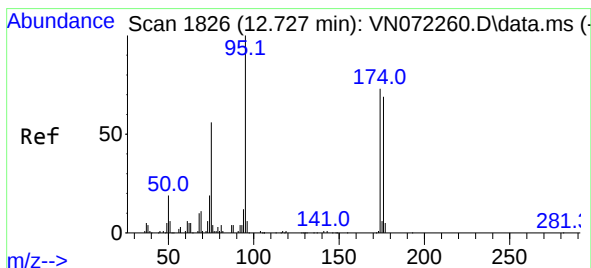
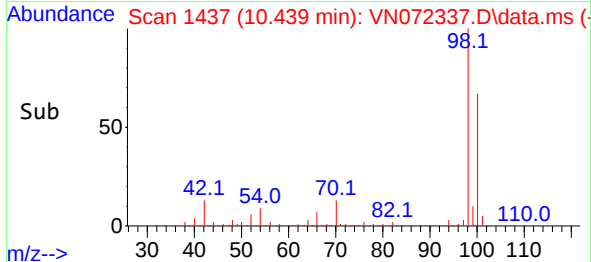
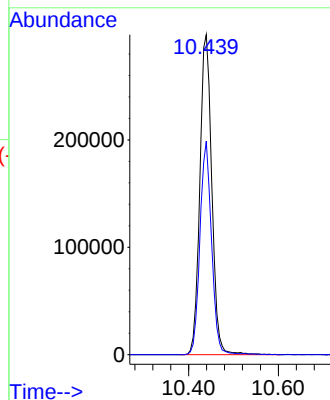
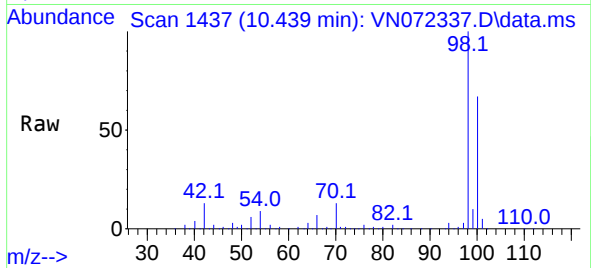




#50  
Toluene-d8  
Concen: 51.343 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072337.D  
Acq: 05 May 2022 11:33

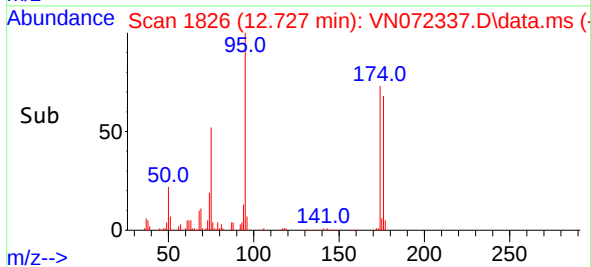
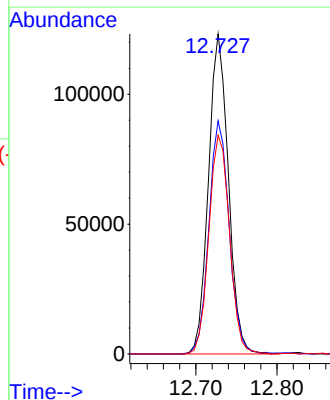
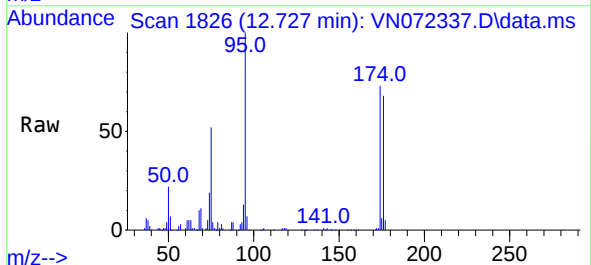
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBL01

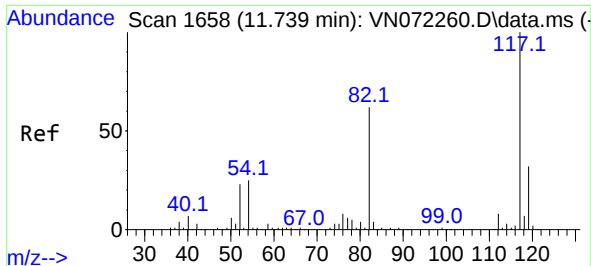
Tgt Ion: 98 Resp: 550441  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 58.957 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072337.D  
Acq: 05 May 2022 11:33

Tgt Ion: 95 Resp: 209796  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 167.6  
176 70.7 0.0 163.4

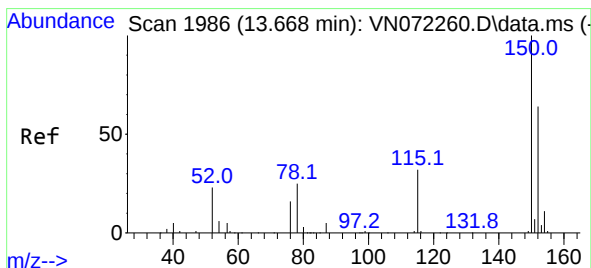
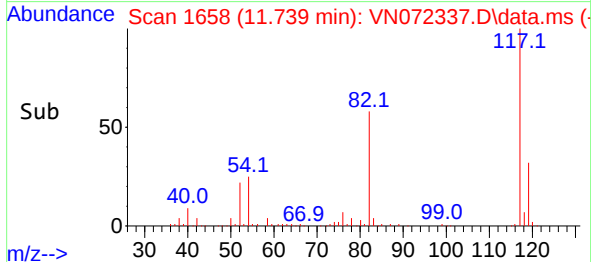
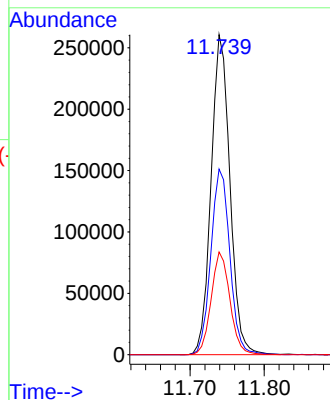
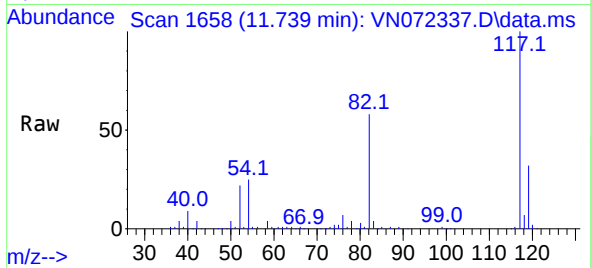




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072337.D  
Acq: 05 May 2022 11:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0505WBL01

Tgt Ion:117 Resp: 460264  
Ion Ratio Lower Upper  
117 100  
82 58.0 44.2 66.2  
119 32.1 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.674 min Scan# 1987  
Delta R.T. 0.005 min  
Lab File: VN072337.D  
Acq: 05 May 2022 11:33

Tgt Ion:152 Resp: 176839  
Ion Ratio Lower Upper  
152 100  
115 60.8 28.9 86.7  
150 157.5 0.0 356.2

