

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042722\  
 Data File : VN072208.D  
 Acq On : 27 Apr 2022 11:45  
 Operator : JC\MD  
 Sample : VN0427WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0427WBL01

Quant Time: Apr 28 06:01:08 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   | 272609   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.969  | 114   | 513699   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 536023   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668 | 152   | 168014   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 207300   | 49.532   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 99.060%  |
| 35) Dibromofluoromethane    | 8.016  | 113   | 157195   | 47.809   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 95.620%  |
| 50) Toluene-d8              | 10.439 | 98    | 659273   | 51.028   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 102.060% |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 227630   | 53.082   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 106.160% |

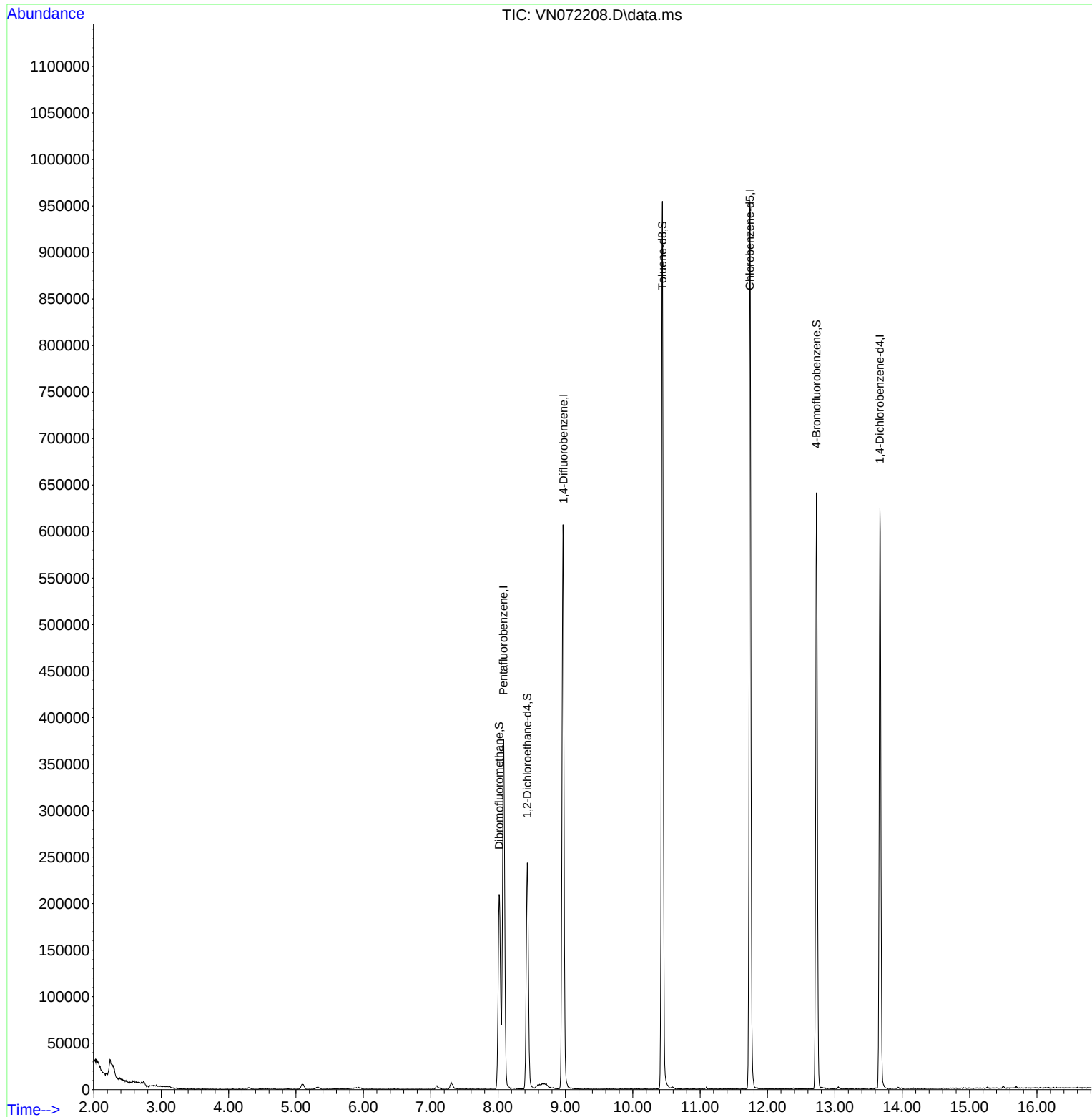
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

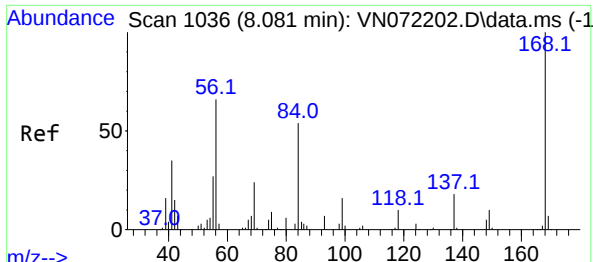
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0427WBL01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0427WBL01

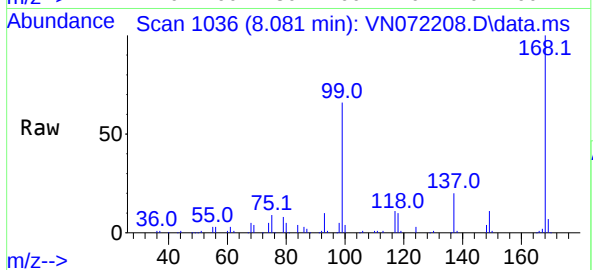
Quant Time: Apr 28 06:01:08 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 26 18:50:11 2022  
Response via : Initial Calibration



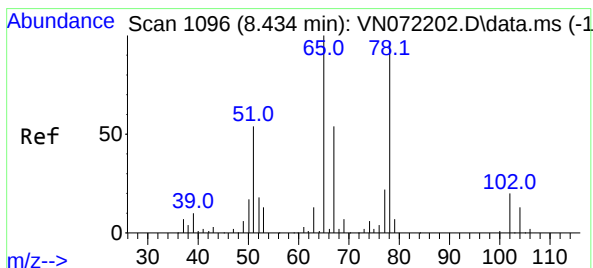
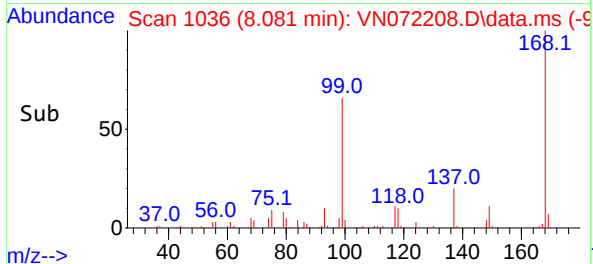
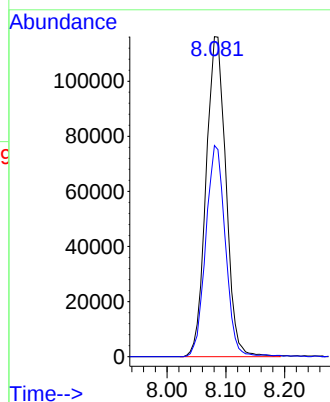


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072208.D  
Acq: 27 Apr 2022 11:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0427WBL01

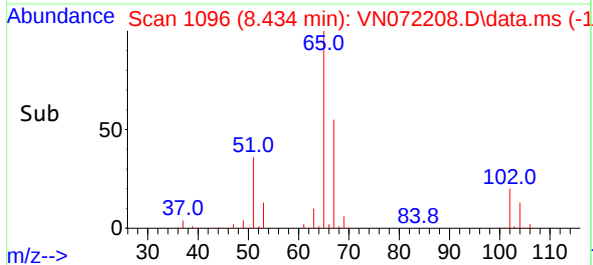
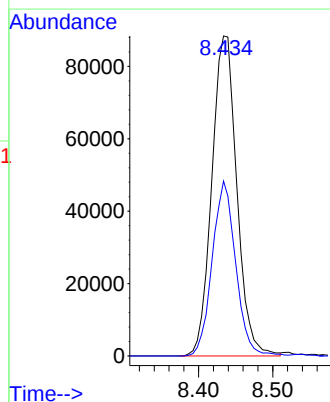
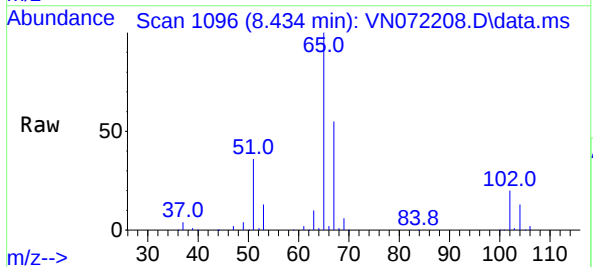


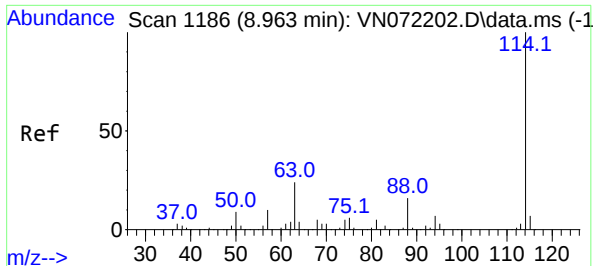
Tgt Ion:168 Resp: 272609  
Ion Ratio Lower Upper  
168 100  
99 66.0 42.3 63.5#



#33  
1,2-Dichloroethane-d4  
Concen: 49.532 ug/l  
RT: 8.434 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: VN072208.D  
Acq: 27 Apr 2022 11:45

Tgt Ion: 65 Resp: 207300  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN072208.D

Acq: 27 Apr 2022 11:45

Instrument :

MSVOA\_N

ClientSampleId :

VN0427WBL01

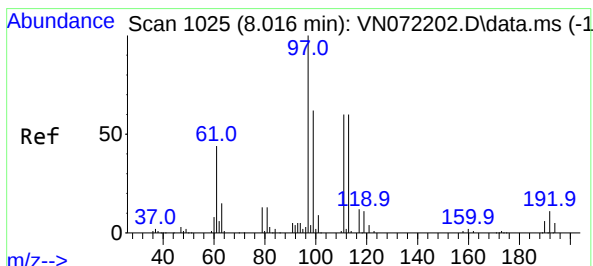
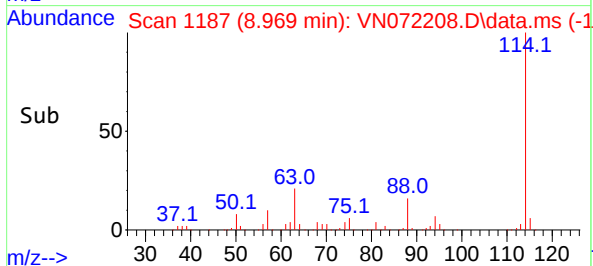
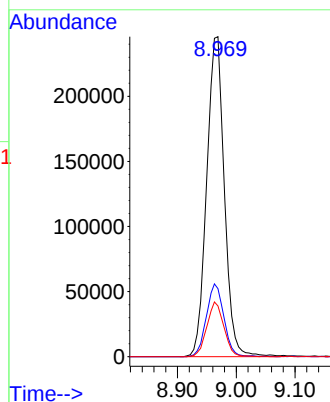
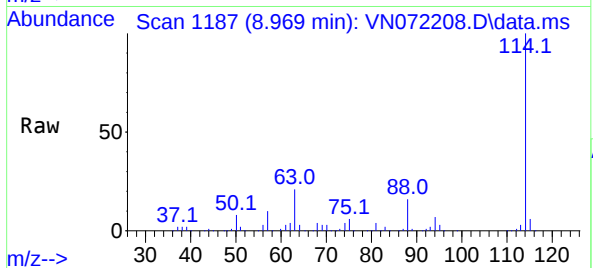
Tgt Ion:114 Resp: 513699

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.809 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072208.D

Acq: 27 Apr 2022 11:45

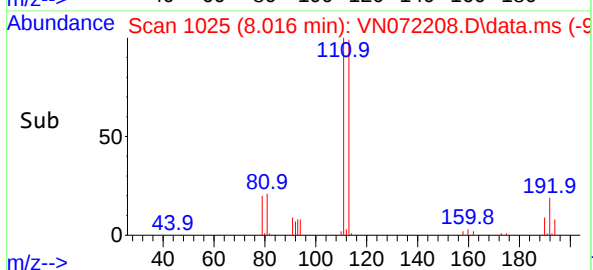
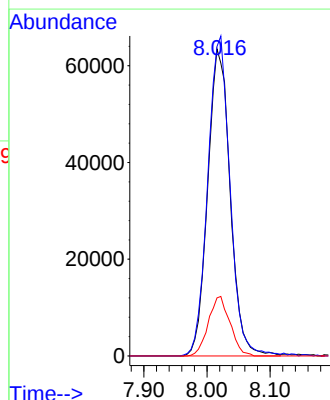
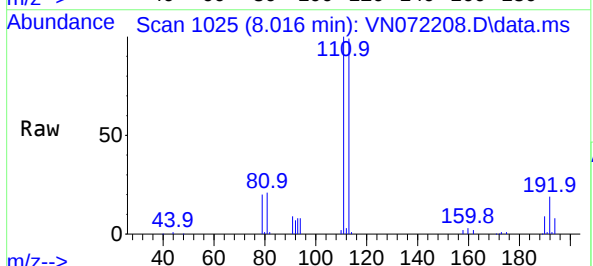
Tgt Ion:113 Resp: 157195

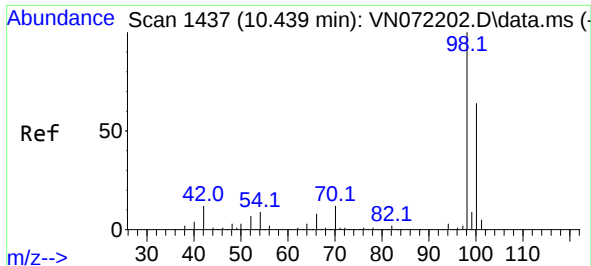
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 18.6 17.0 25.6

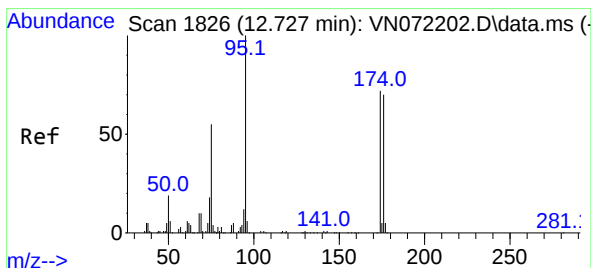
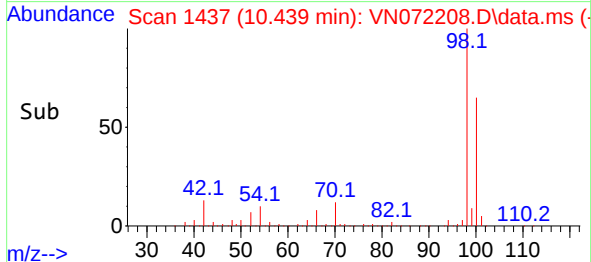
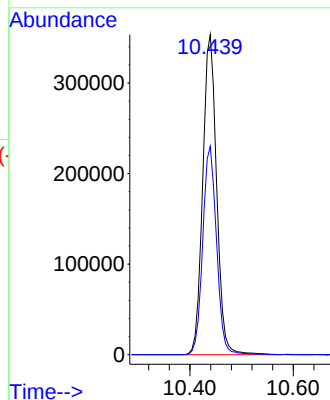
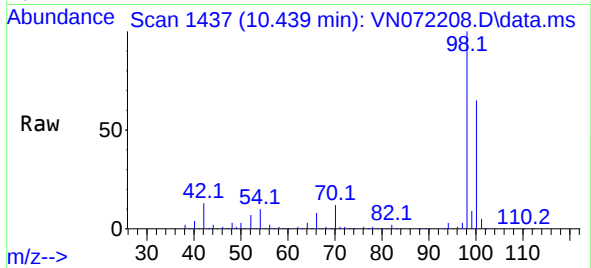




#50  
Toluene-d8  
Concen: 51.028 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072208.D  
Acq: 27 Apr 2022 11:45

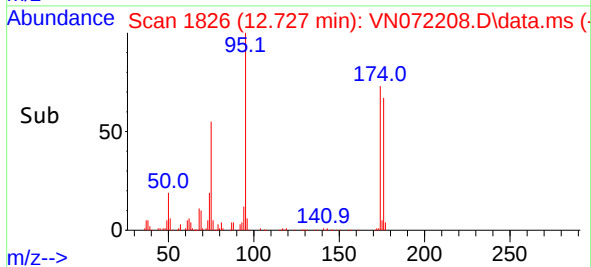
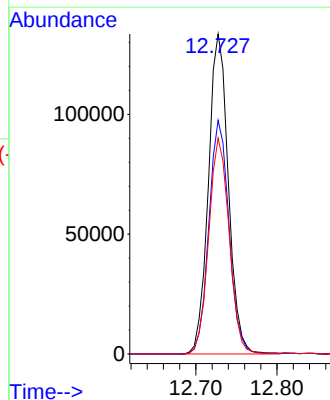
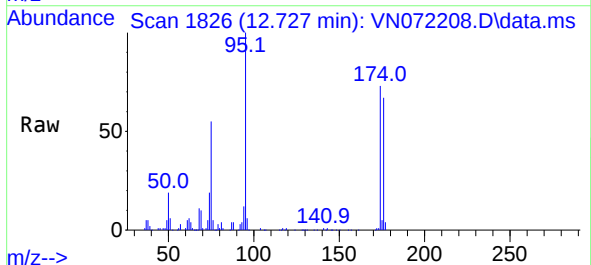
Instrument :  
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VN0427WBL01

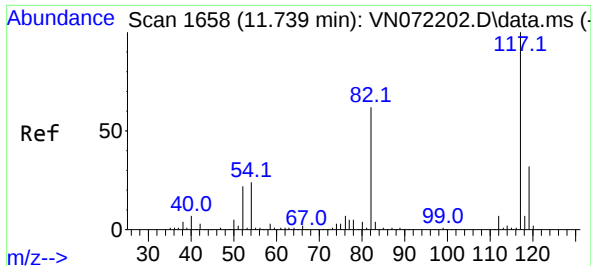
Tgt Ion: 98 Resp: 659273  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 53.082 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072208.D  
Acq: 27 Apr 2022 11:45

Tgt Ion: 95 Resp: 227630  
Ion Ratio Lower Upper  
95 100  
174 73.8 0.0 167.6  
176 68.8 0.0 163.4

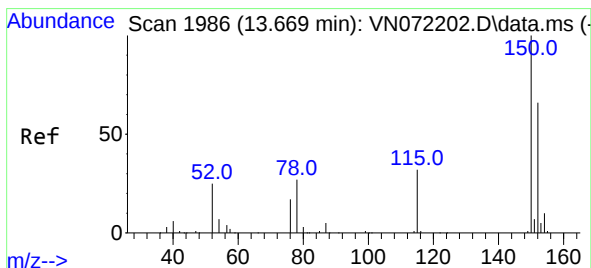
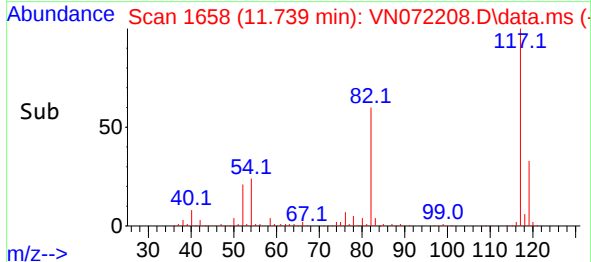
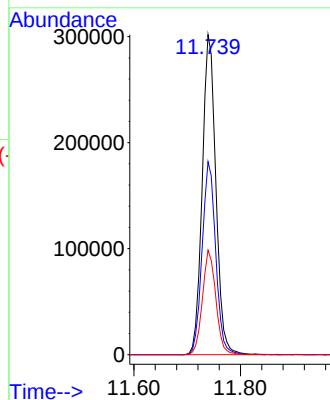
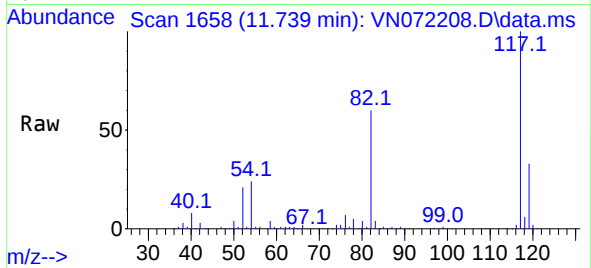




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072208.D  
Acq: 27 Apr 2022 11:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0427WBL01

Tgt Ion:117 Resp: 536023  
Ion Ratio Lower Upper  
117 100  
82 60.3 44.2 66.2  
119 32.7 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072208.D  
Acq: 27 Apr 2022 11:45

Tgt Ion:152 Resp: 168014  
Ion Ratio Lower Upper  
152 100  
115 63.3 28.9 86.7  
150 157.5 0.0 356.2

