

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042722\  
 Data File : VN072220.D  
 Acq On : 27 Apr 2022 16:53  
 Operator : JC\MD  
 Sample : N2575-08 50X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 31796

Quant Time: Apr 28 06:05:01 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

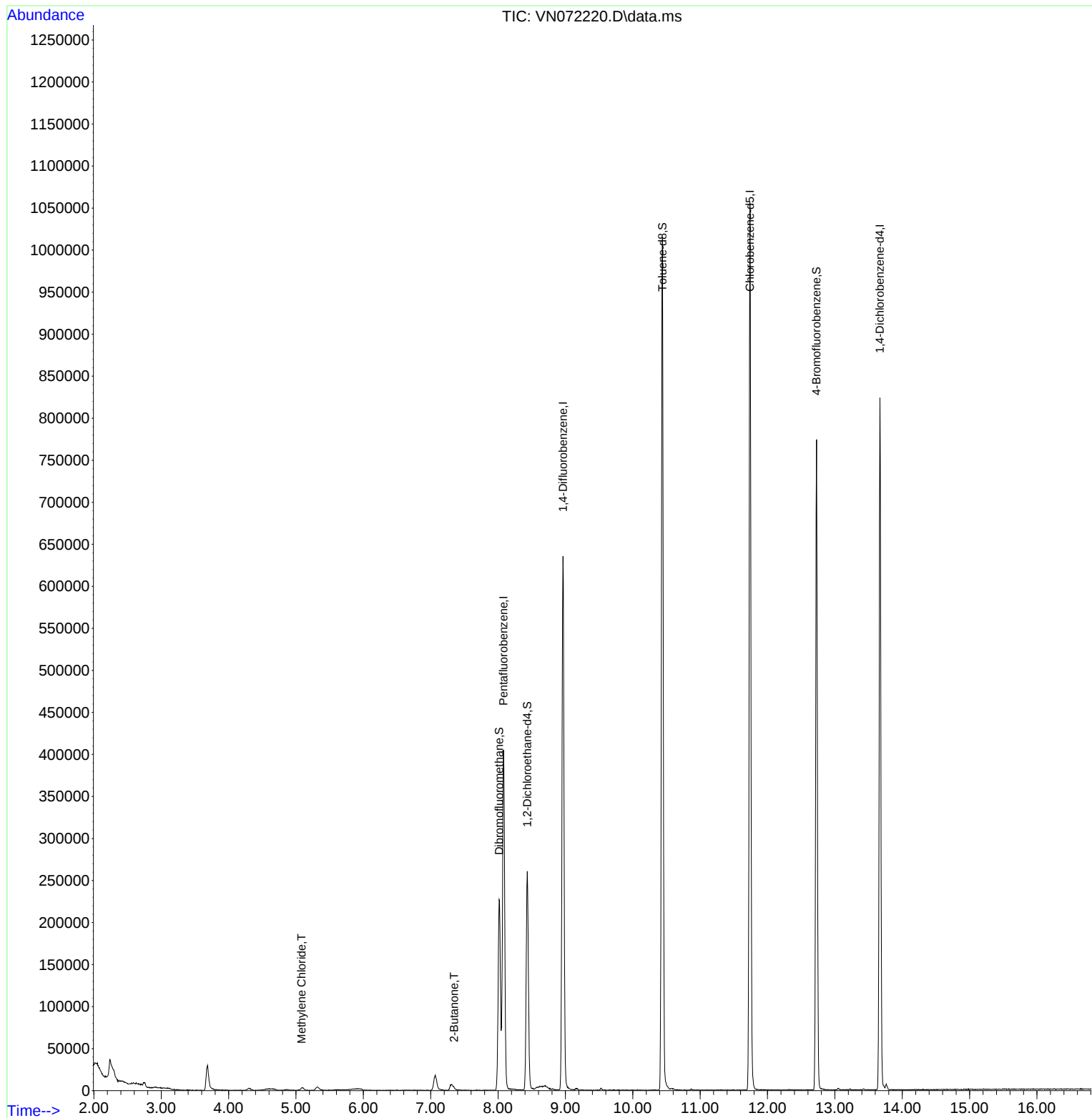
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.080  | 168   | 287937   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.963  | 114   | 542598   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.739 | 117   | 593548   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668 | 152   | 212978   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 224668   | 50.824   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 101.640% |          |
| 35) Dibromofluoromethane    | 8.016  | 113   | 166053   | 47.814   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 95.620%  |          |
| 50) Toluene-d8              | 10.439 | 98    | 704537   | 51.628   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 103.260% |          |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 272364   | 60.130   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 120.260% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 20) Methylene Chloride      | 5.081  | 84    | 2819     | 0.772    | ug/l       | # 74     |
| 25) 2-Butanone              | 7.345  | 43    | 5644     | 1.860    | ug/l       | # 89     |
| -----                       |        |       |          |          |            |          |

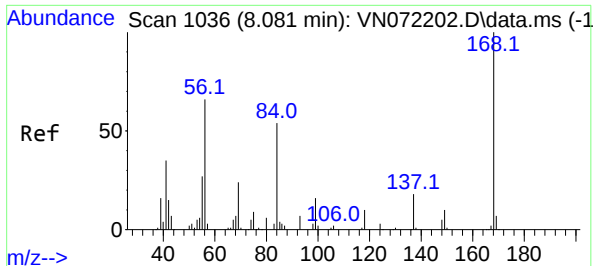
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

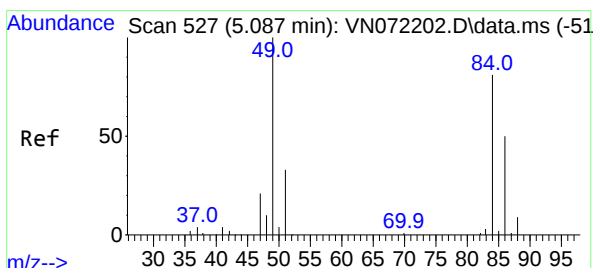
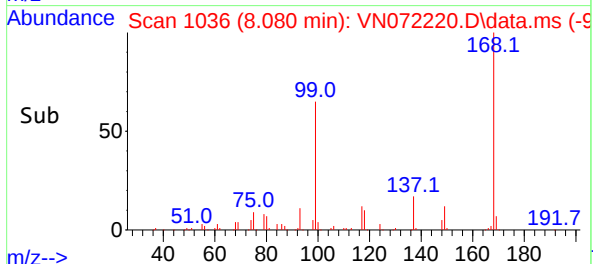
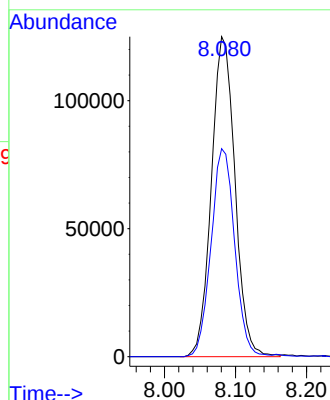
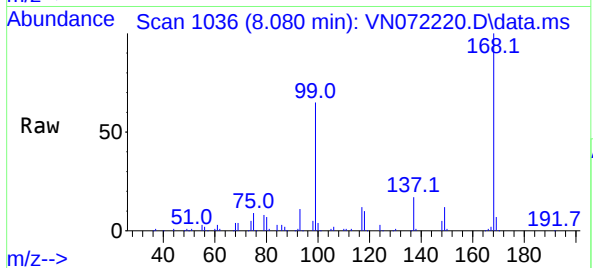




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.080 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN072220.D  
Acq: 27 Apr 2022 16:53

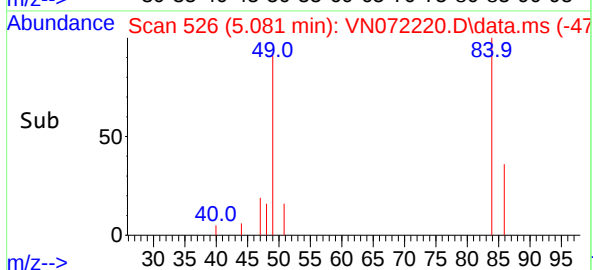
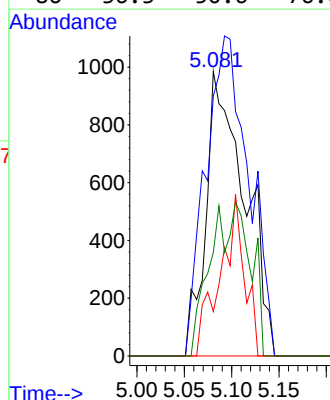
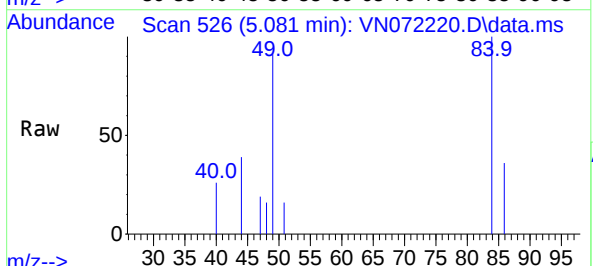
Instrument :  
MSVOA\_N  
ClientSampleId :  
31796

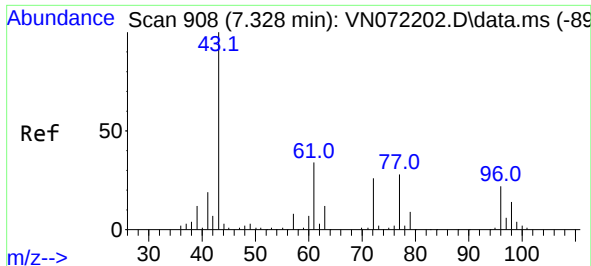
Tgt Ion:168 Resp: 287937  
Ion Ratio Lower Upper  
168 100  
99 65.0 42.3 63.5#



#20  
Methylene Chloride  
Concen: 0.772 ug/l  
RT: 5.081 min Scan# 526  
Delta R.T. -0.006 min  
Lab File: VN072220.D  
Acq: 27 Apr 2022 16:53

Tgt Ion: 84 Resp: 2819  
Ion Ratio Lower Upper  
84 100  
49 91.4 88.3 132.5  
51 15.6 28.2 42.2#  
86 36.3 50.6 76.0#

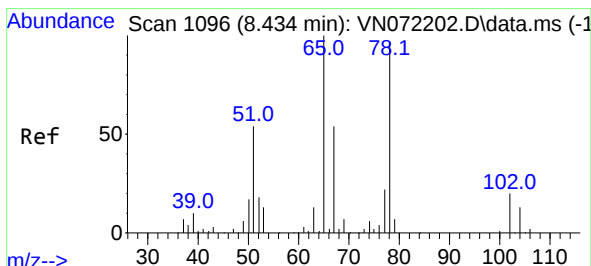
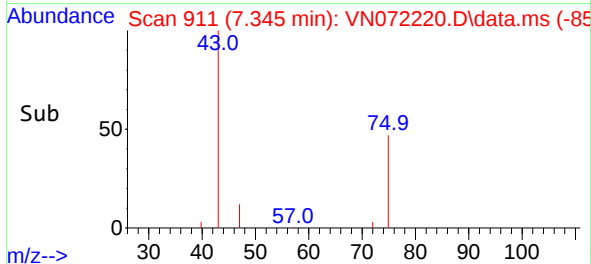
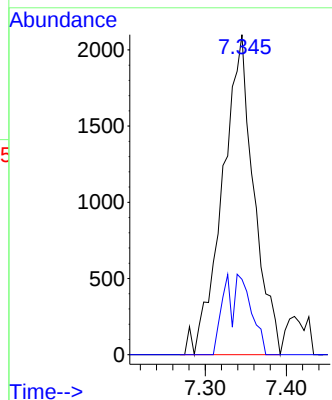
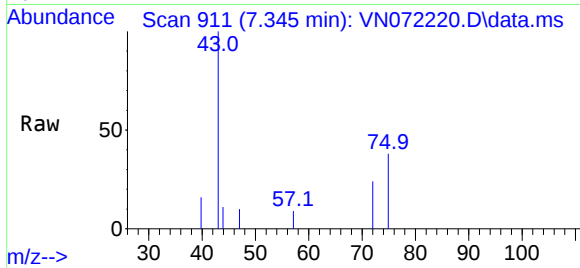




#25  
2-Butanone  
Concen: 1.860 ug/l  
RT: 7.345 min Scan# 911  
Delta R.T. 0.017 min  
Lab File: VN072220.D  
Acq: 27 Apr 2022 16:53

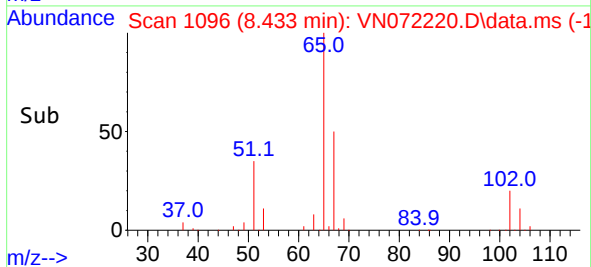
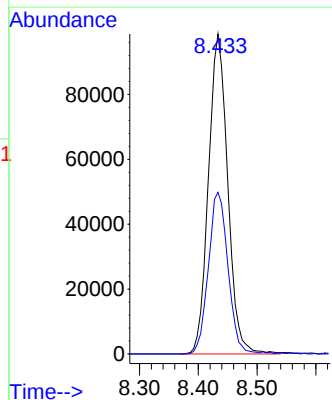
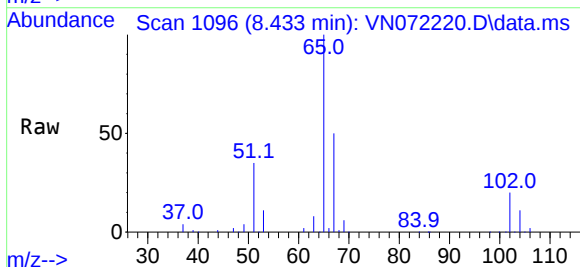
Instrument :  
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ClientSampleId :  
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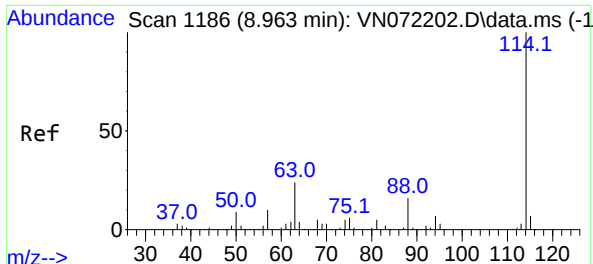
Tgt Ion: 43 Resp: 5644  
Ion Ratio Lower Upper  
43 100  
72 23.6 23.7 35.5#



#33  
1,2-Dichloroethane-d4  
Concen: 50.824 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.001 min  
Lab File: VN072220.D  
Acq: 27 Apr 2022 16:53

Tgt Ion: 65 Resp: 224668  
Ion Ratio Lower Upper  
65 100  
67 51.1 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: VN072220.D

Acq: 27 Apr 2022 16:53

Instrument :

MSVOA\_N

ClientSampleId :

31796

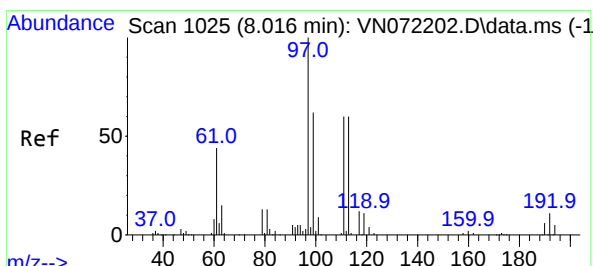
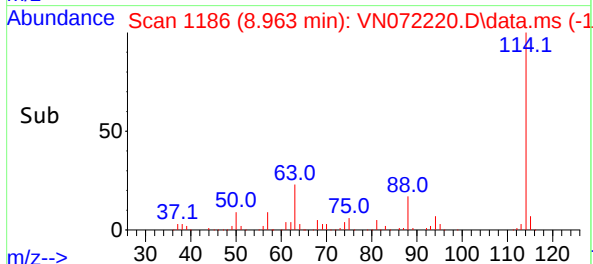
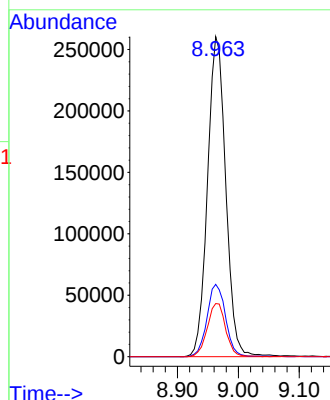
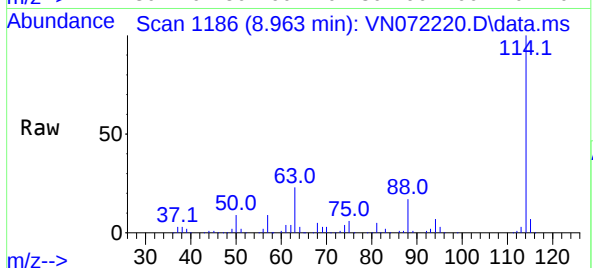
Tgt Ion:114 Resp: 542598

Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.814 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072220.D

Acq: 27 Apr 2022 16:53

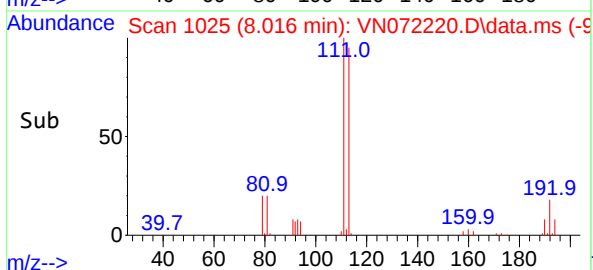
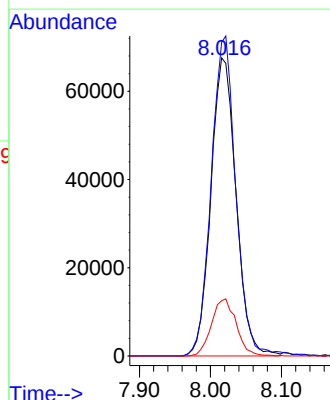
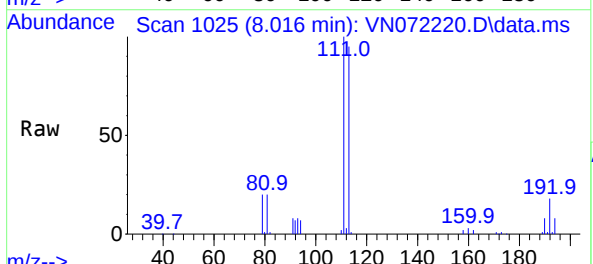
Tgt Ion:113 Resp: 166053

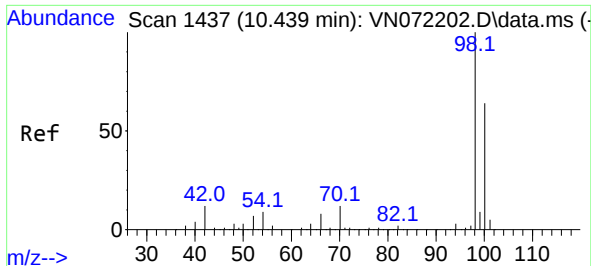
Ion Ratio Lower Upper

113 100

111 105.4 81.4 122.0

192 18.9 17.0 25.6

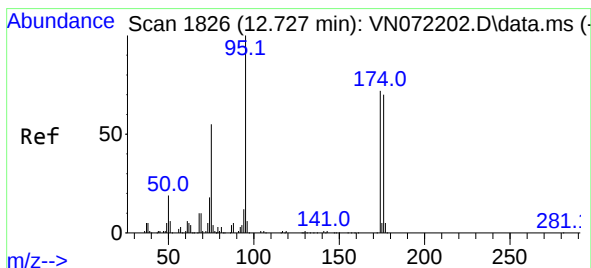
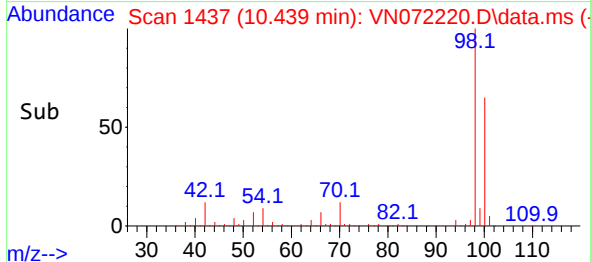
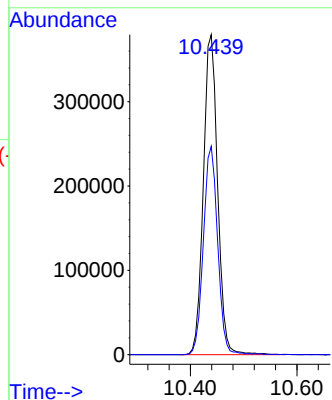
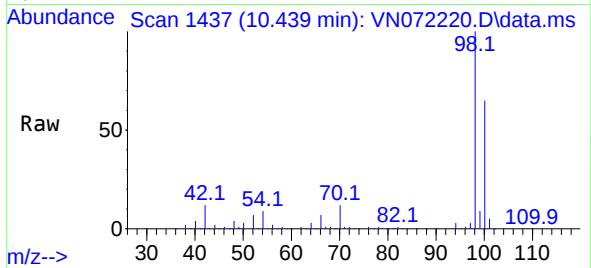




#50  
Toluene-d8  
Concen: 51.628 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072220.D  
Acq: 27 Apr 2022 16:53

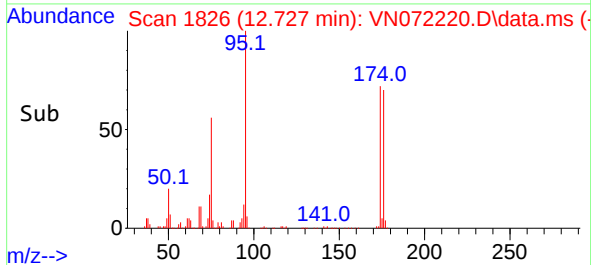
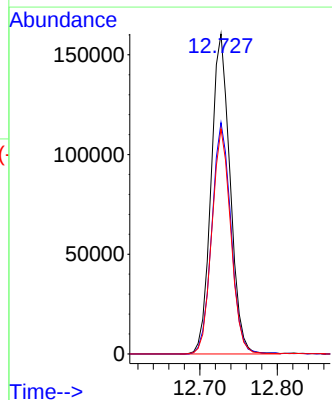
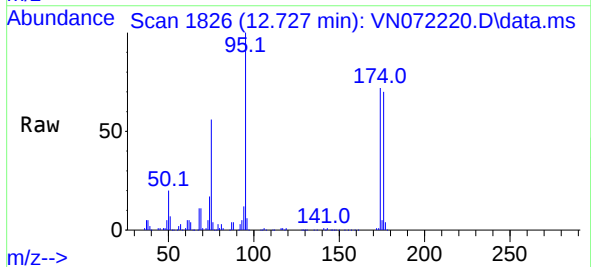
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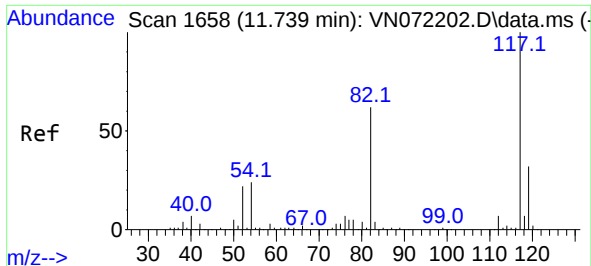
Tgt Ion: 98 Resp: 704537  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 60.130 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072220.D  
Acq: 27 Apr 2022 16:53

Tgt Ion: 95 Resp: 272364  
Ion Ratio Lower Upper  
95 100  
174 72.9 0.0 167.6  
176 70.0 0.0 163.4

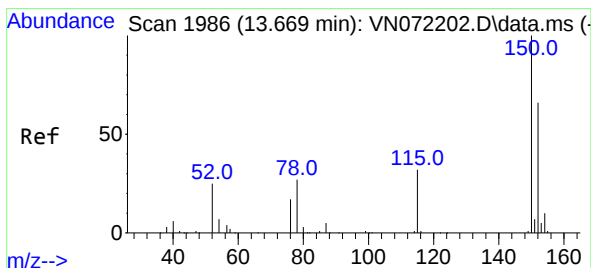
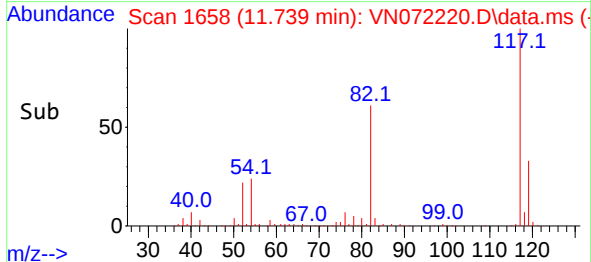
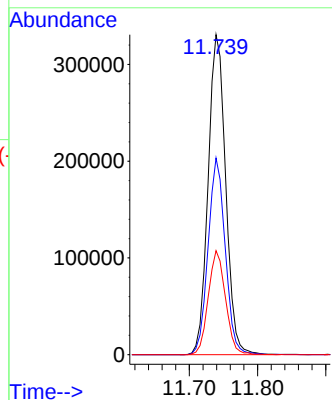
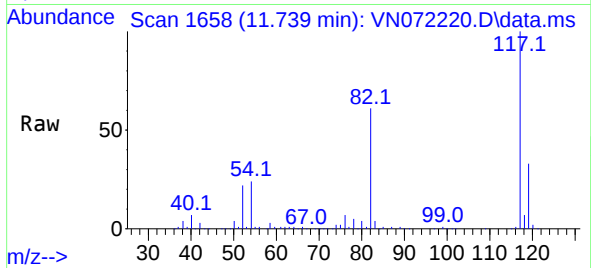




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072220.D  
Acq: 27 Apr 2022 16:53

Instrument :  
MSVOA\_N  
ClientSampleId :  
31796

Tgt Ion:117 Resp: 593548  
Ion Ratio Lower Upper  
117 100  
82 61.5 44.2 66.2  
119 32.5 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: VN072220.D  
Acq: 27 Apr 2022 16:53

Tgt Ion:152 Resp: 212978  
Ion Ratio Lower Upper  
152 100  
115 63.9 28.9 86.7  
150 159.6 0.0 356.2

