

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022422\  
 Data File : VN071056.D  
 Acq On : 24 Feb 2022 15:32  
 Operator : JC\MD  
 Sample : N1642-06 10X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 31458

Quant Time: Feb 25 02:44:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 21 07:57:15 2022  
 Response via : Initial Calibration

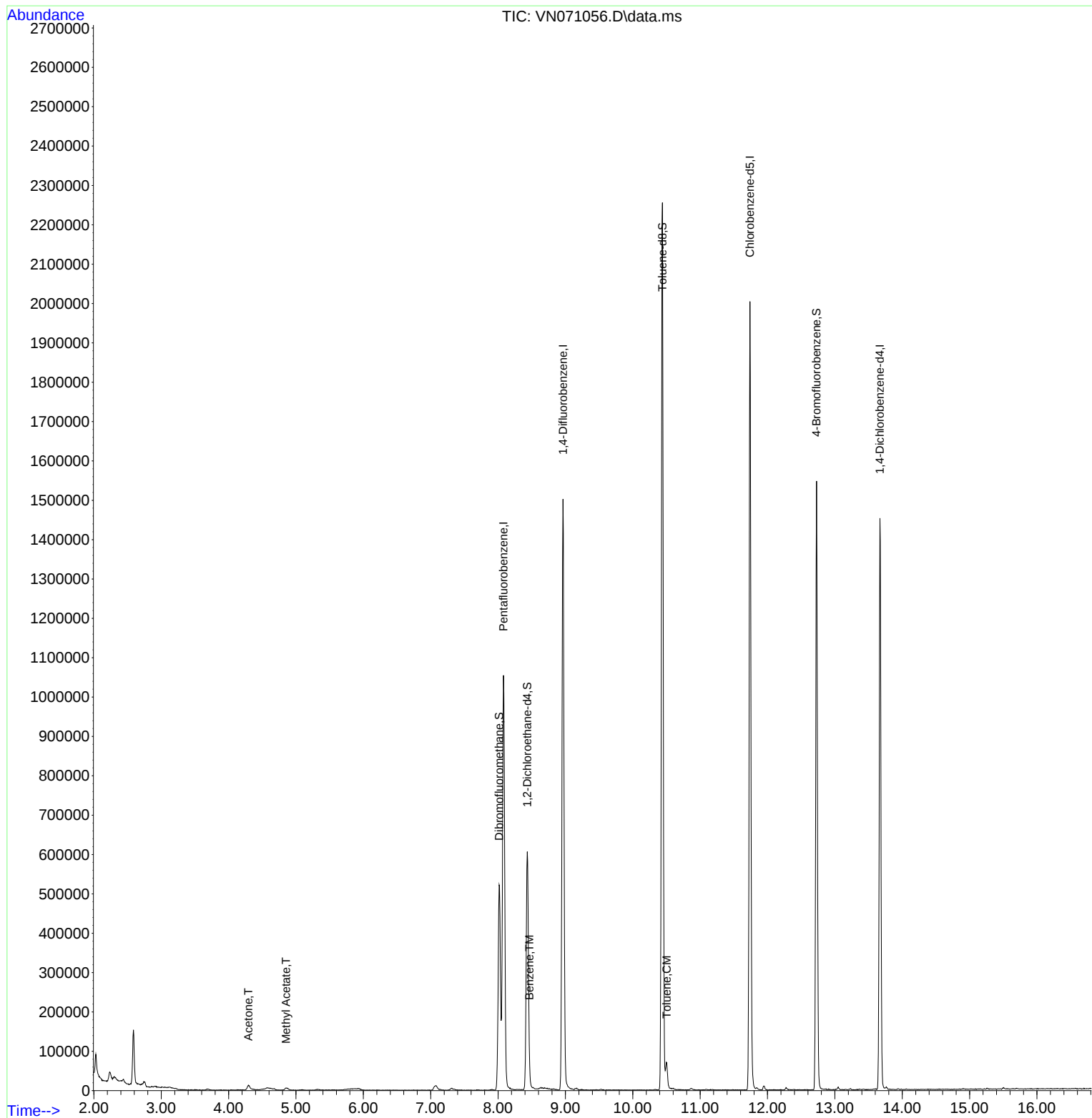
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.081     | 168   | 829773   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963     | 114   | 1319388  | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.739    | 117   | 1158294  | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.669    | 152   | 408785   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.434     | 65    | 507245   | 53.515   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =     | 107.020% |
| 35) Dibromofluoromethane    | 8.016     | 113   | 386217   | 49.214   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =     | 98.420%  |
| 50) Toluene-d8              | 10.439    | 98    | 1593694  | 50.568   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =     | 101.140% |
| 62) 4-Bromofluorobenzene    | 12.727    | 95    | 536631   | 47.637   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =     | 95.280%  |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 4.293     | 43    | 19717    | 3.777    | ug/l  | # 85     |
| 18) Methyl Acetate          | 4.851     | 43    | 12896    | 0.532    | ug/l  | 90       |
| 40) Benzene                 | 8.463     | 78    | 13720    | 0.361    | ug/l  | 93       |
| 52) Toluene                 | 10.504    | 92    | 24327    | 1.018    | ug/l  | 97       |
| -----                       |           |       |          |          |       |          |

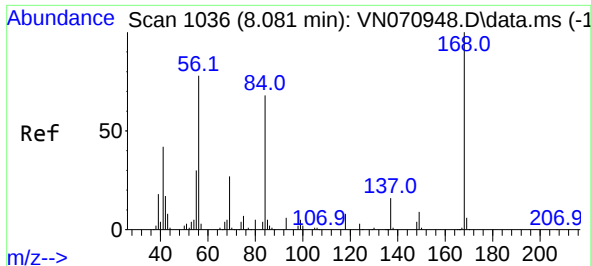
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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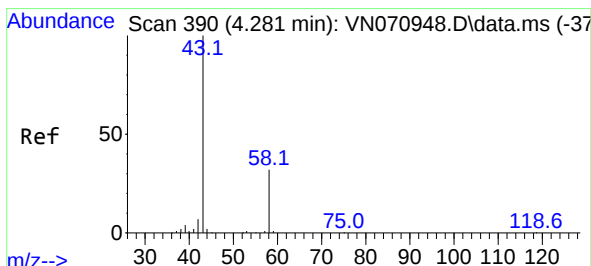
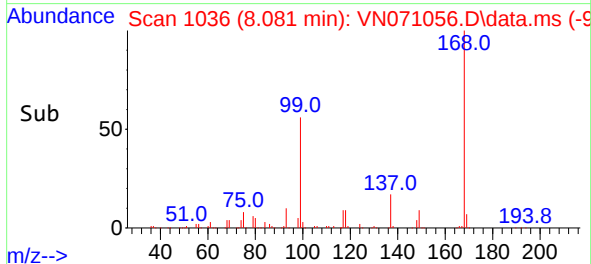
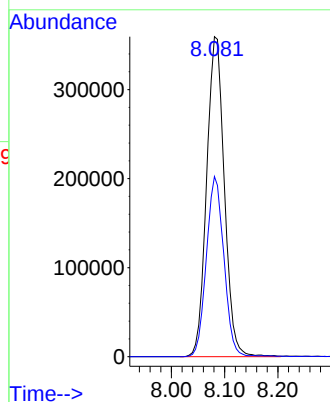
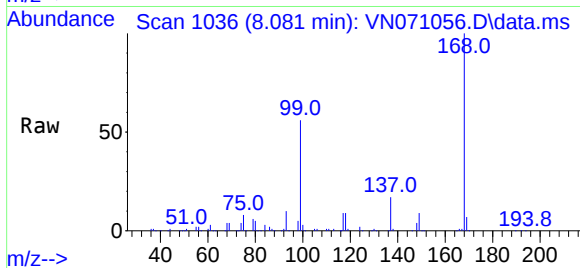




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN071056.D  
Acq: 24 Feb 2022 15:32

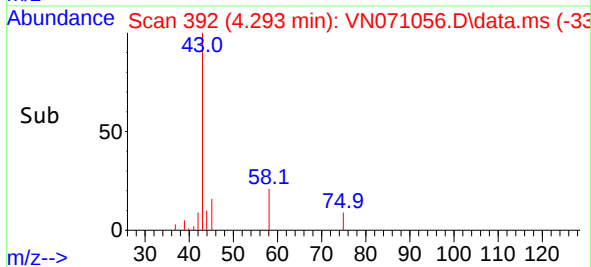
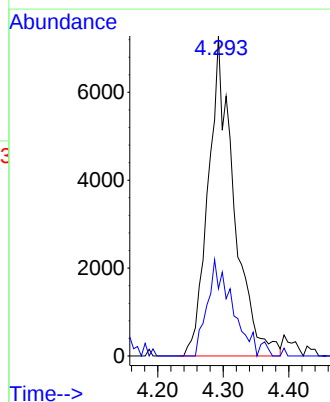
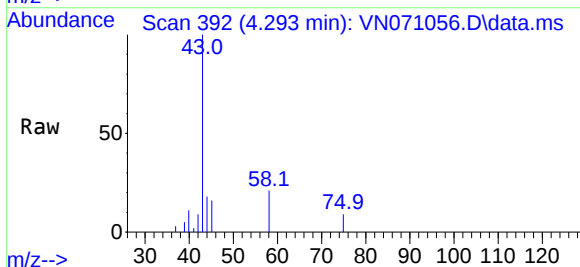
Instrument :  
MSVOA\_N  
ClientSampleId :  
31458

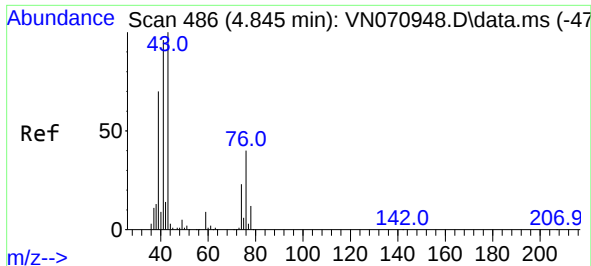
Tgt Ion:168 Resp: 829773  
Ion Ratio Lower Upper  
168 100  
99 56.3 41.3 61.9



#16  
Acetone  
Concen: 3.777 ug/l  
RT: 4.293 min Scan# 392  
Delta R.T. 0.012 min  
Lab File: VN071056.D  
Acq: 24 Feb 2022 15:32

Tgt Ion: 43 Resp: 19717  
Ion Ratio Lower Upper  
43 100  
58 21.0 23.1 34.7#

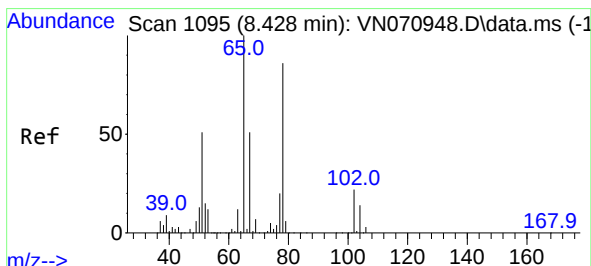
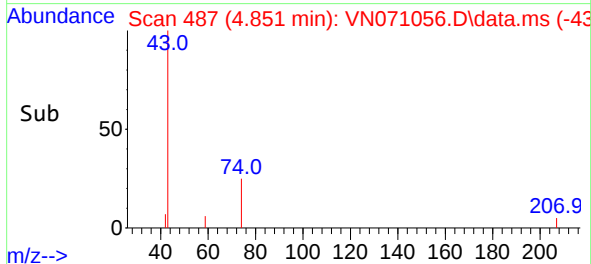
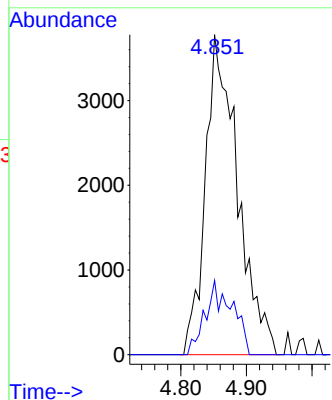
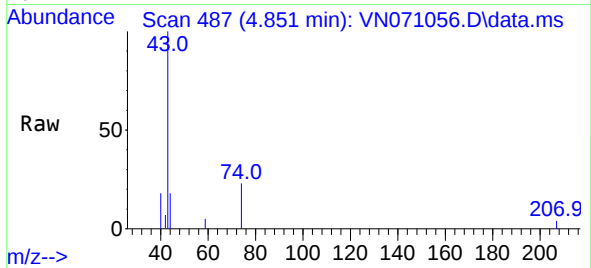




#18  
Methyl Acetate  
Concen: 0.532 ug/l  
RT: 4.851 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN071056.D  
Acq: 24 Feb 2022 15:32

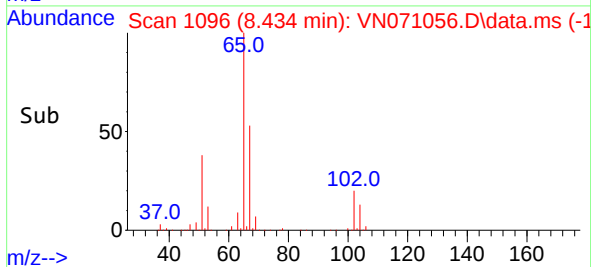
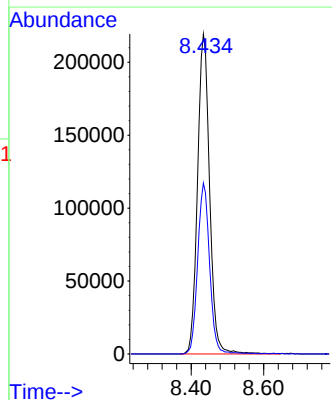
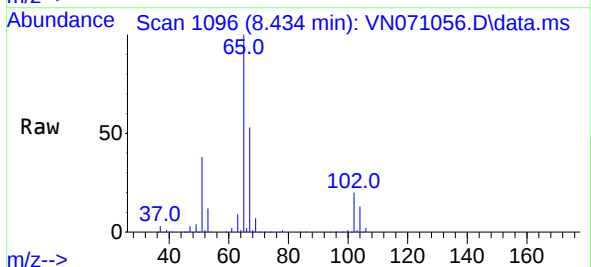
Instrument :  
MSVOA\_N  
ClientSampleId :  
31458

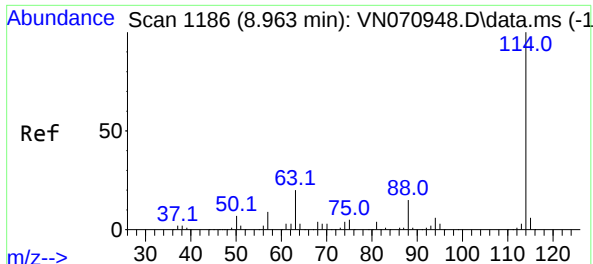
Tgt Ion: 43 Resp: 12896  
Ion Ratio Lower Upper  
43 100  
74 19.4 19.4 29.2



#33  
1,2-Dichloroethane-d4  
Concen: 53.515 ug/l  
RT: 8.434 min Scan# 1096  
Delta R.T. 0.006 min  
Lab File: VN071056.D  
Acq: 24 Feb 2022 15:32

Tgt Ion: 65 Resp: 507245  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071056.D

Acq: 24 Feb 2022 15:32

Instrument :

MSVOA\_N

ClientSampleId :

31458

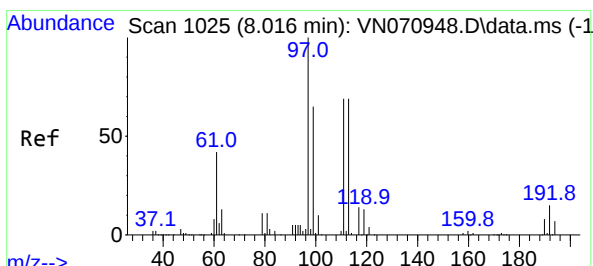
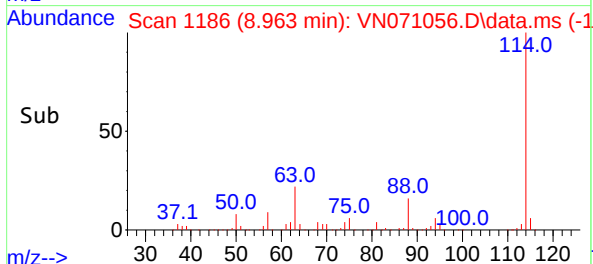
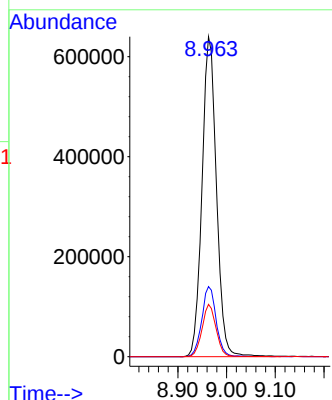
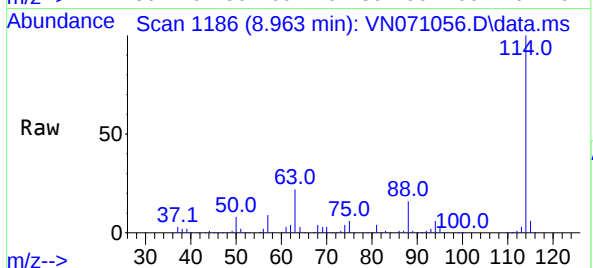
Tgt Ion:114 Resp: 1319388

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.214 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN071056.D

Acq: 24 Feb 2022 15:32

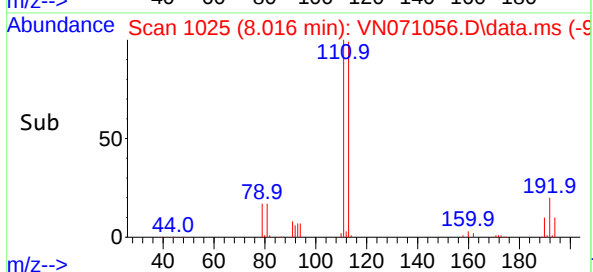
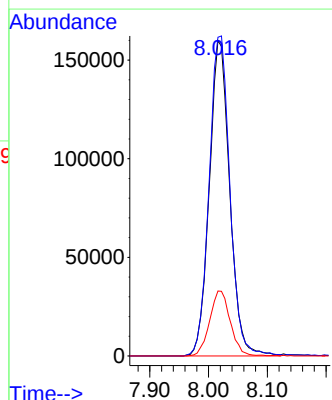
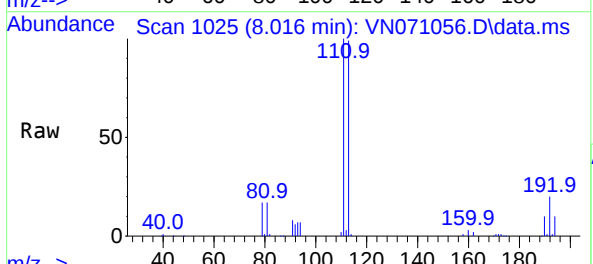
Tgt Ion:113 Resp: 386217

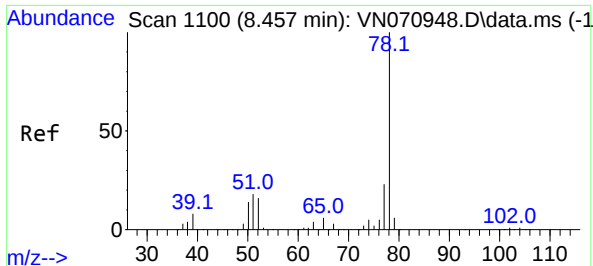
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 20.9 16.9 25.3

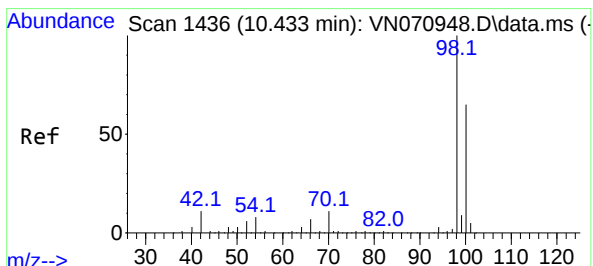
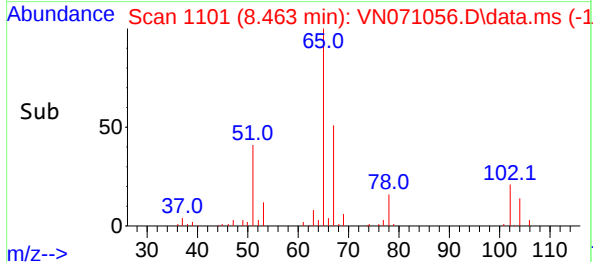
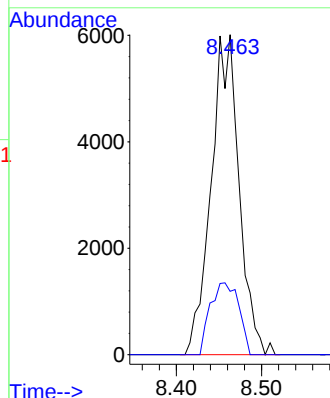
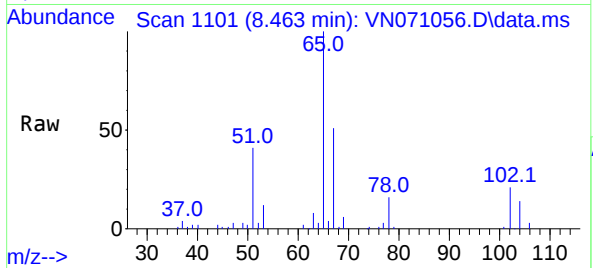




#40  
Benzene  
Concen: 0.361 ug/l  
RT: 8.463 min Scan# 1100  
Delta R.T. 0.006 min  
Lab File: VN071056.D  
Acq: 24 Feb 2022 15:32

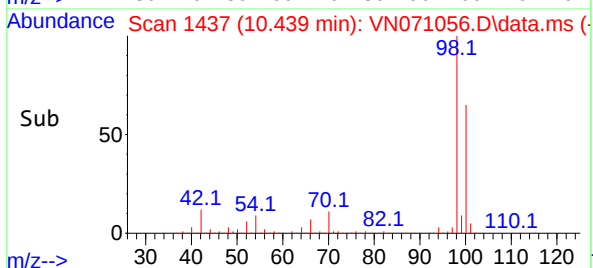
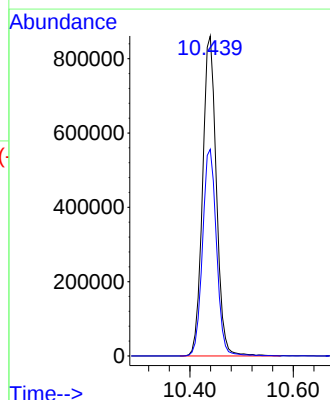
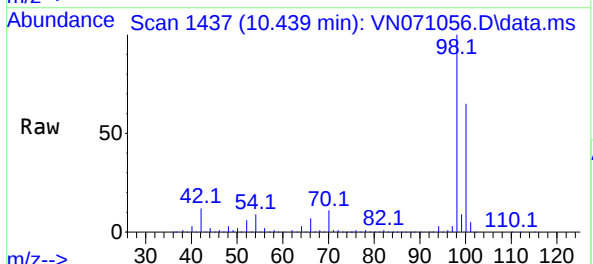
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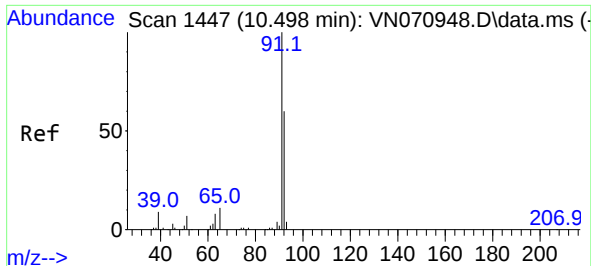
Tgt Ion: 78 Resp: 13720  
Ion Ratio Lower Upper  
78 100  
77 19.8 18.6 27.8



#50  
Toluene-d8  
Concen: 50.568 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.006 min  
Lab File: VN071056.D  
Acq: 24 Feb 2022 15:32

Tgt Ion: 98 Resp: 1593694  
Ion Ratio Lower Upper  
98 100  
100 65.5 50.4 75.6

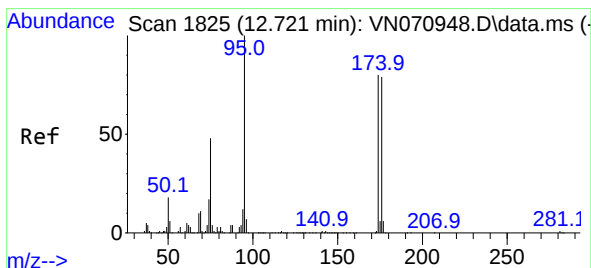
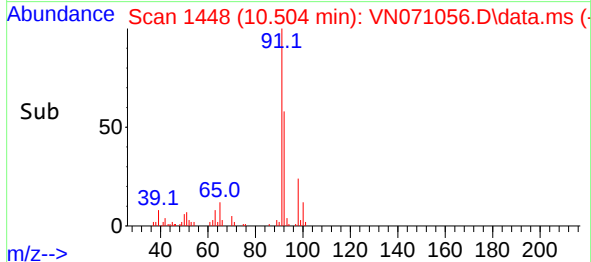
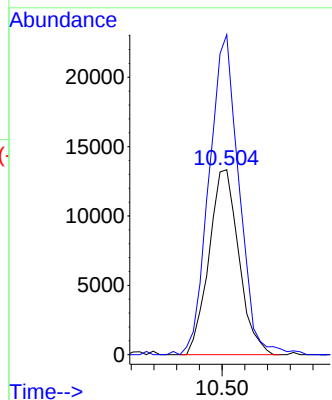
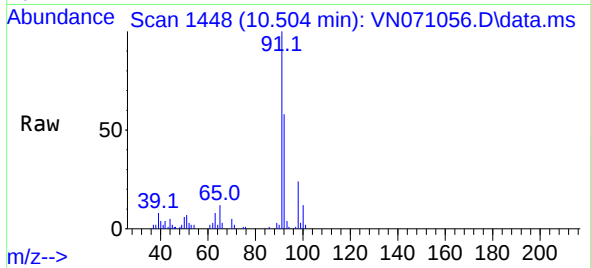




#52  
Toluene  
Concen: 1.018 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: VN071056.D  
Acq: 24 Feb 2022 15:32

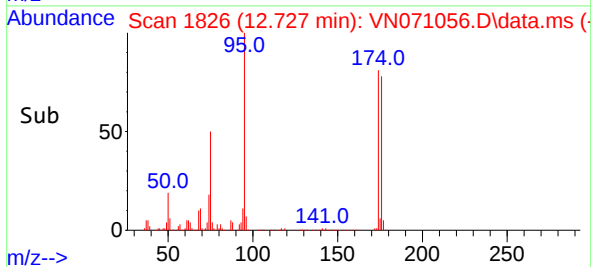
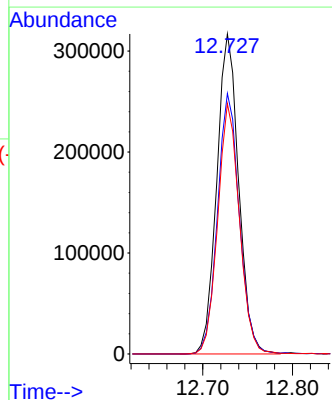
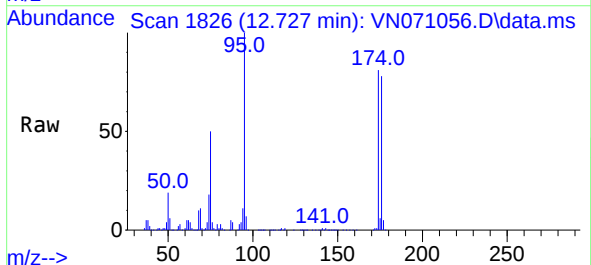
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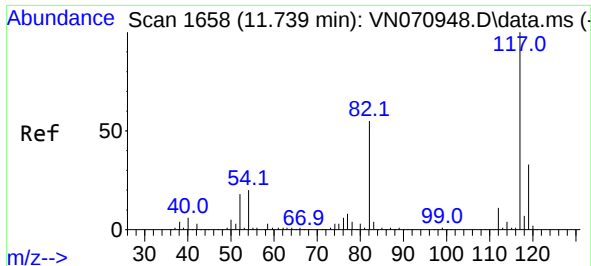
Tgt Ion: 92 Resp: 24327  
Ion Ratio Lower Upper  
92 100  
91 173.8 142.0 213.0



#62  
4-Bromofluorobenzene  
Concen: 47.637 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN071056.D  
Acq: 24 Feb 2022 15:32

Tgt Ion: 95 Resp: 536631  
Ion Ratio Lower Upper  
95 100  
174 81.6 0.0 187.2  
176 77.4 0.0 181.4

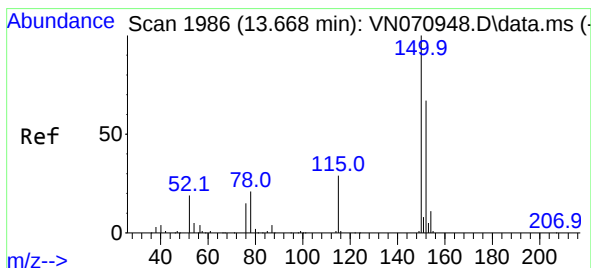
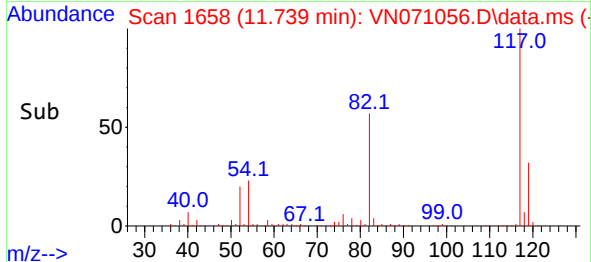
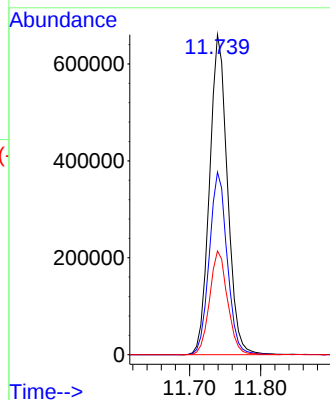
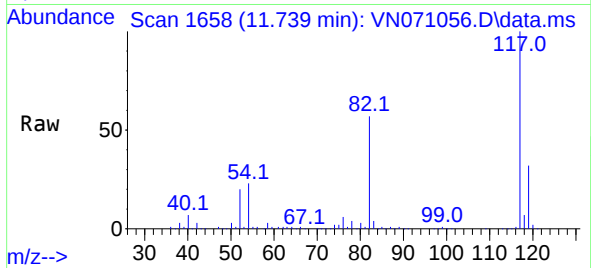




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN071056.D  
Acq: 24 Feb 2022 15:32

Instrument :  
MSVOA\_N  
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Tgt Ion:117 Resp: 1158294  
Ion Ratio Lower Upper  
117 100  
82 57.0 42.4 63.6  
119 32.4 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.669 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN071056.D  
Acq: 24 Feb 2022 15:32

Tgt Ion:152 Resp: 408785  
Ion Ratio Lower Upper  
152 100  
115 57.0 27.5 82.5  
150 156.6 0.0 344.4

