

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022422\  
 Data File : VN071061.D  
 Acq On : 24 Feb 2022 17:32  
 Operator : JC\MD  
 Sample : PB142888ZHE#06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB142888ZHE#06

Quant Time: Feb 25 02:45:18 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

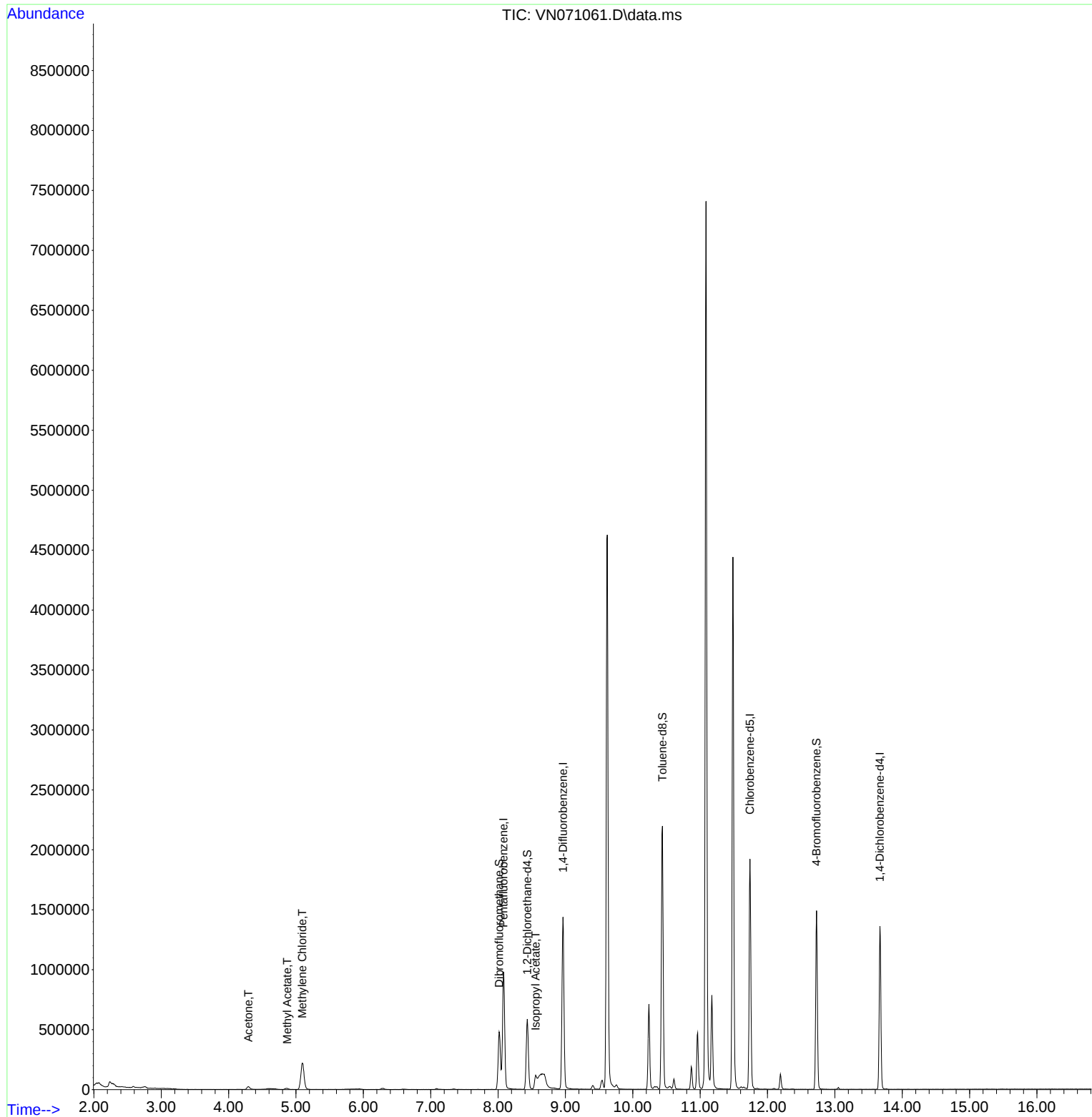
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.081     | 168   | 757389   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963     | 114   | 1253215  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739    | 117   | 1120472  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668    | 152   | 383365   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.434     | 65    | 475993   | 55.017   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =      | 110.040% |
| 35) Dibromofluoromethane    | 8.016     | 113   | 361979   | 48.561   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =      | 97.120%  |
| 50) Toluene-d8              | 10.439    | 98    | 1530218  | 51.118   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =      | 102.240% |
| 62) 4-Bromofluorobenzene    | 12.727    | 95    | 519886   | 48.587   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =      | 97.180%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 4.293     | 43    | 42330    | 8.884    | ug/l   | 99       |
| 18) Methyl Acetate          | 4.869     | 43    | 23256    | 1.646    | ug/l   | 94       |
| 20) Methylene Chloride      | 5.093     | 84    | 177372   | 20.483   | ug/l   | 94       |
| 43) Isopropyl Acetate       | 8.557     | 43    | 146682   | 7.105    | ug/l # | 76       |
| -----                       |           |       |          |          |        |          |

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

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QLast Update : Mon Feb 21 07:57:15 2022  
Response via : Initial Calibration

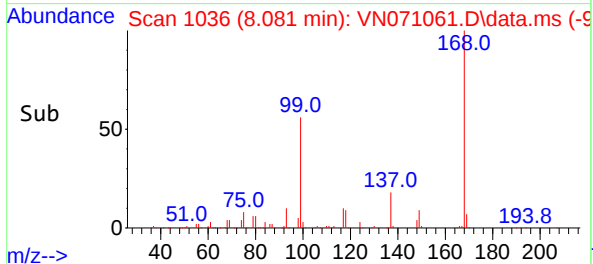
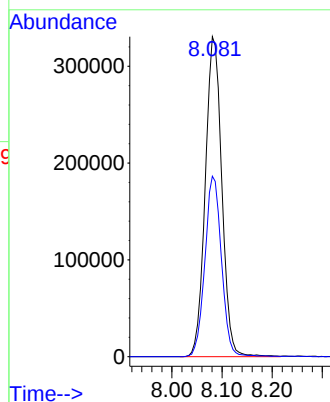
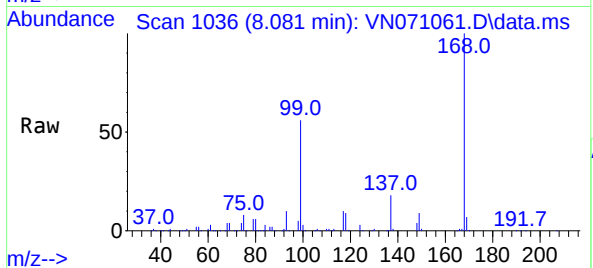




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN071061.D  
Acq: 24 Feb 2022 17:32

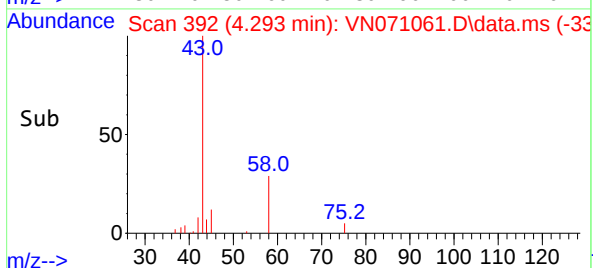
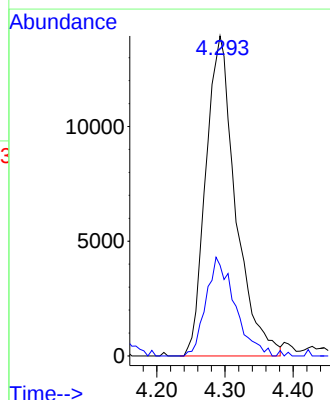
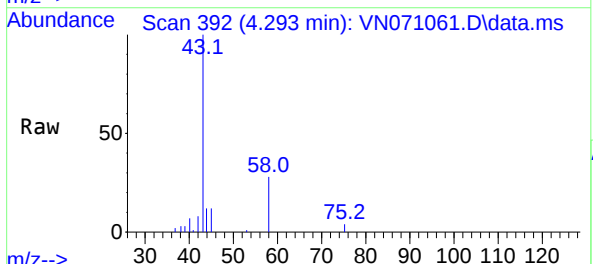
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB142888ZHE#06

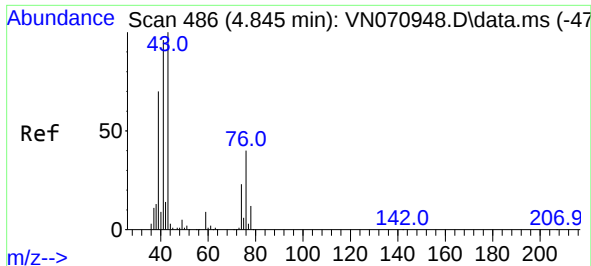
Tgt Ion:168 Resp: 757389  
Ion Ratio Lower Upper  
168 100  
99 56.4 41.3 61.9



#16  
Acetone  
Concen: 8.884 ug/l  
RT: 4.293 min Scan# 392  
Delta R.T. 0.012 min  
Lab File: VN071061.D  
Acq: 24 Feb 2022 17:32

Tgt Ion: 43 Resp: 42330  
Ion Ratio Lower Upper  
43 100  
58 28.3 23.1 34.7

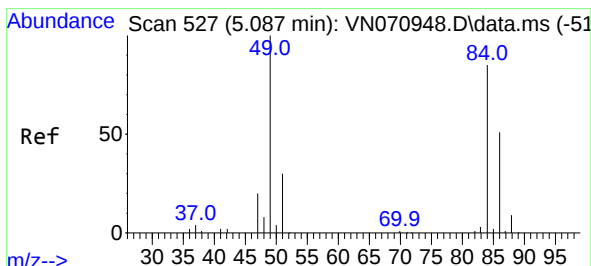
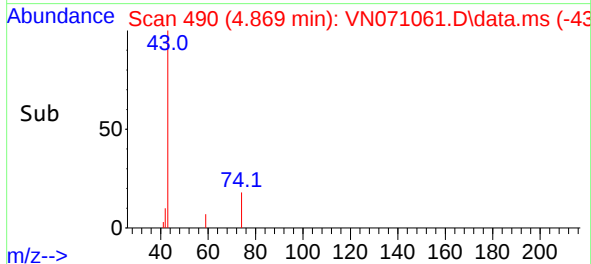
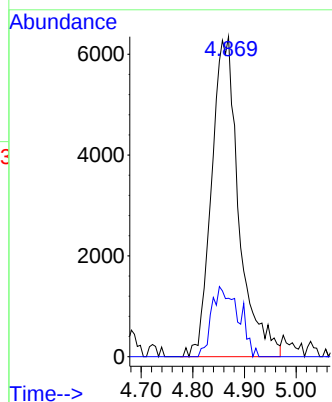
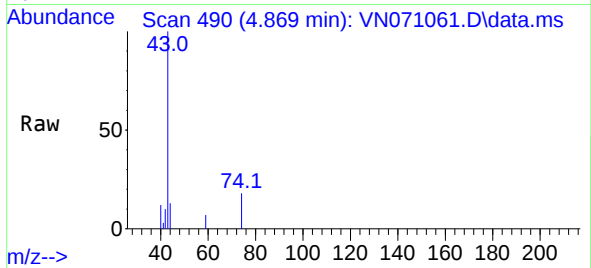




#18  
Methyl Acetate  
Concen: 1.646 ug/l  
RT: 4.869 min Scan# 490  
Delta R.T. 0.024 min  
Lab File: VN071061.D  
Acq: 24 Feb 2022 17:32

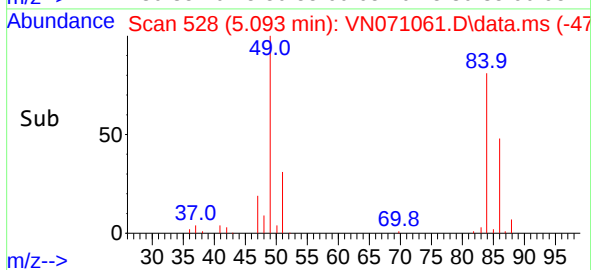
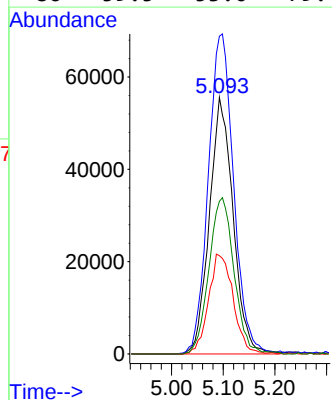
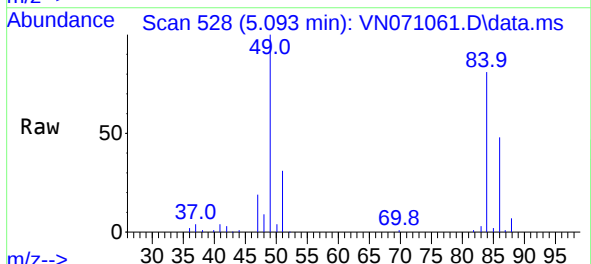
Instrument :  
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ClientSampleId :  
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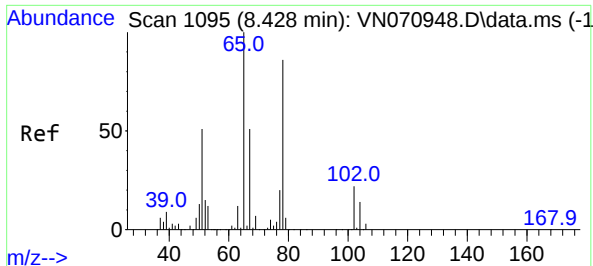
Tgt Ion: 43 Resp: 23256  
Ion Ratio Lower Upper  
43 100  
74 21.5 19.4 29.2



#20  
Methylene Chloride  
Concen: 20.483 ug/l  
RT: 5.093 min Scan# 528  
Delta R.T. 0.006 min  
Lab File: VN071061.D  
Acq: 24 Feb 2022 17:32

Tgt Ion: 84 Resp: 177372  
Ion Ratio Lower Upper  
84 100  
49 123.5 93.5 140.3  
51 38.3 29.4 44.2  
86 59.5 53.0 79.4

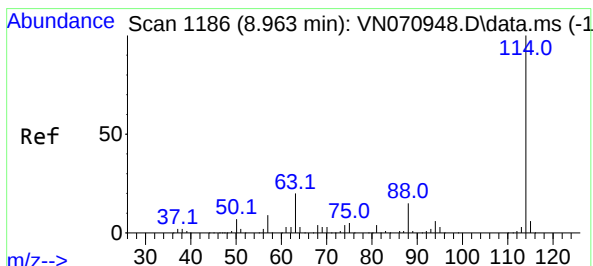
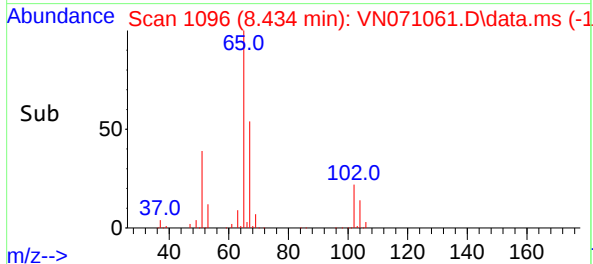
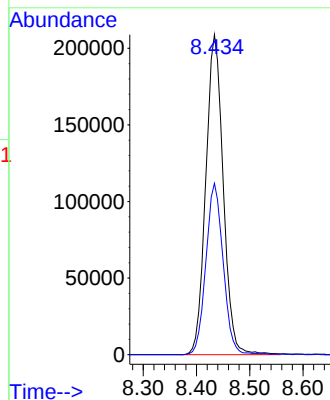
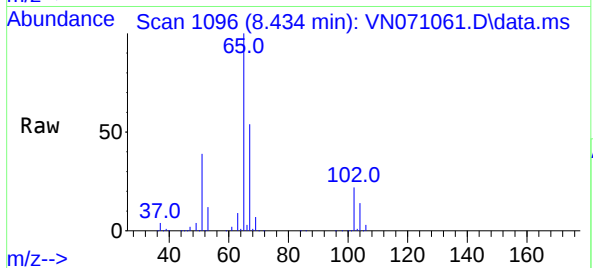




#33  
1,2-Dichloroethane-d4  
Concen: 55.017 ug/l  
RT: 8.434 min Scan# 1095  
Delta R.T. 0.006 min  
Lab File: VN071061.D  
Acq: 24 Feb 2022 17:32

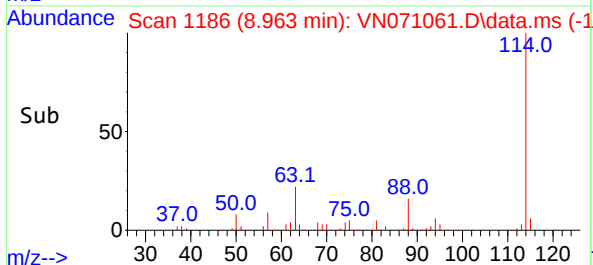
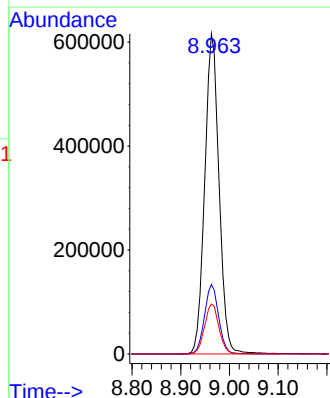
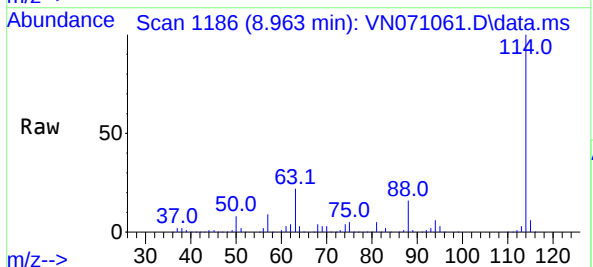
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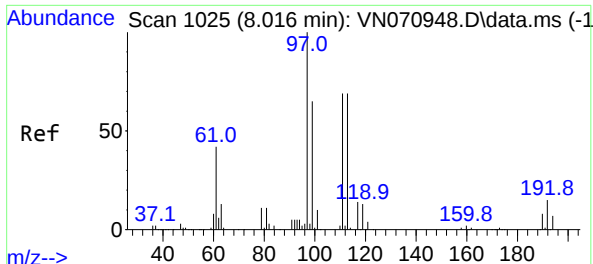
Tgt Ion: 65 Resp: 475993  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 103.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: VN071061.D  
Acq: 24 Feb 2022 17:32

Tgt Ion: 114 Resp: 1253215  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 37.8  
88 15.6 0.0 27.4

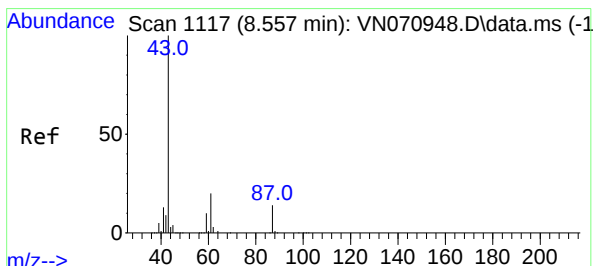
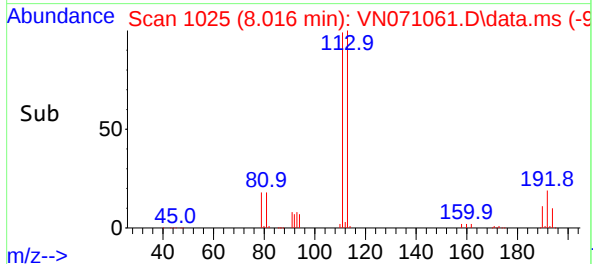
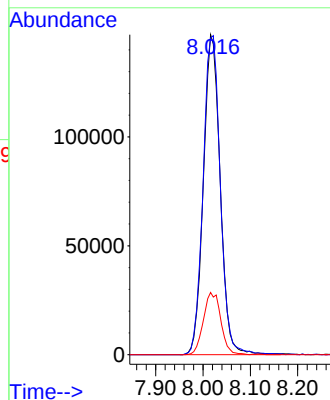
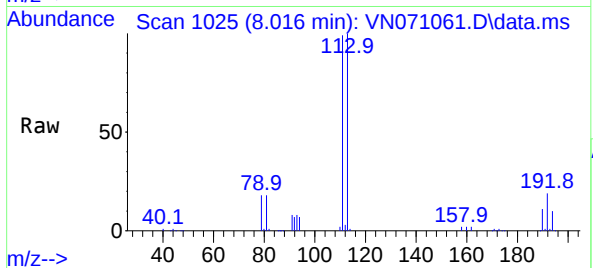




#35  
Dibromofluoromethane  
Concen: 48.561 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. 0.000 min  
Lab File: VN071061.D  
Acq: 24 Feb 2022 17:32

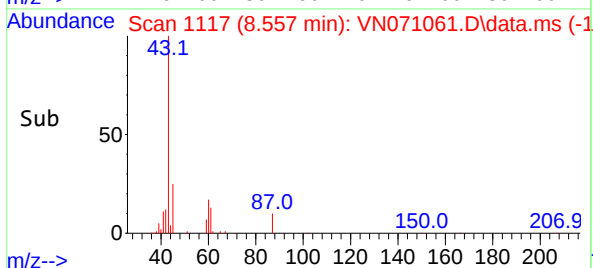
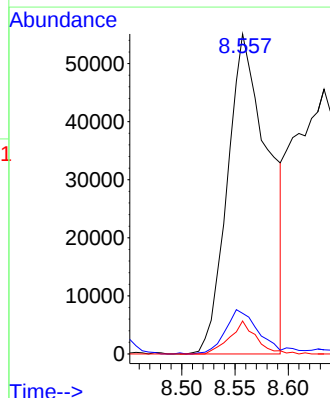
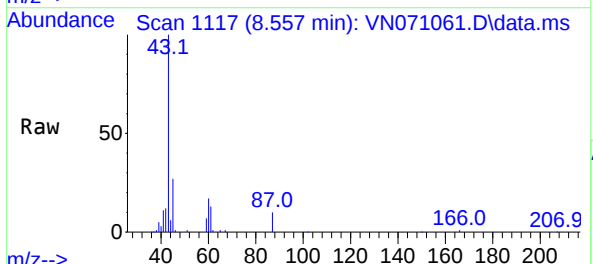
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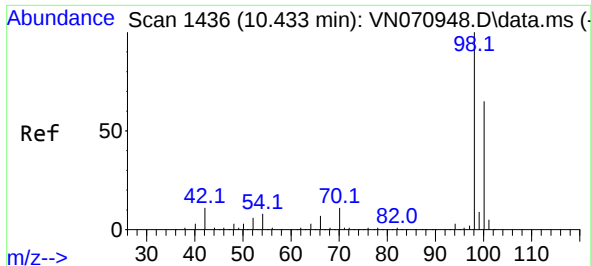
Tgt Ion:113 Resp: 361979  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.2 123.2  
192 20.2 16.9 25.3



#43  
Isopropyl Acetate  
Concen: 7.105 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN071061.D  
Acq: 24 Feb 2022 17:32

Tgt Ion: 43 Resp: 146682  
Ion Ratio Lower Upper  
43 100  
61 11.8 20.4 30.6#  
87 6.7 11.2 16.8#

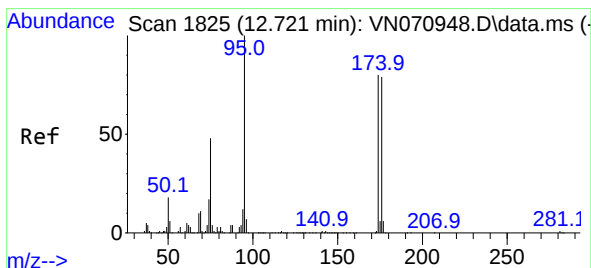
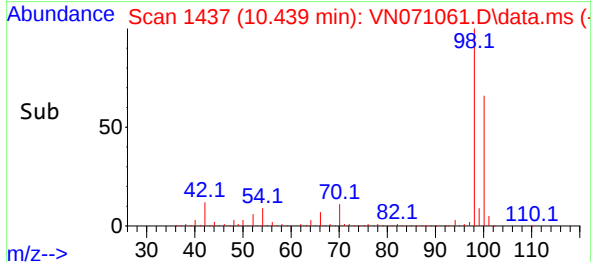
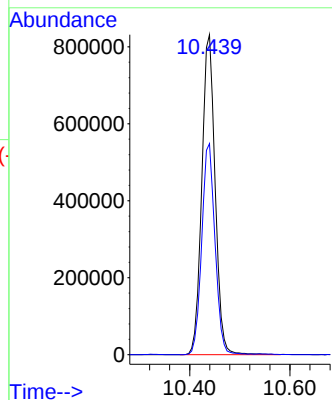
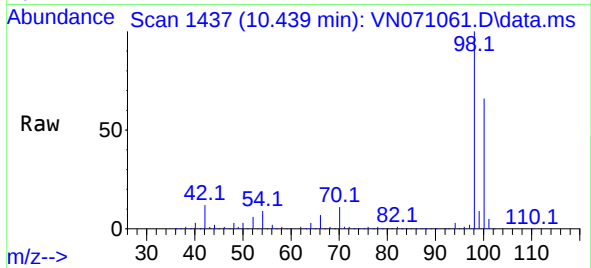




#50  
Toluene-d8  
Concen: 51.118 ug/l  
RT: 10.439 min Scan# 1436  
Delta R.T. 0.006 min  
Lab File: VN071061.D  
Acq: 24 Feb 2022 17:32

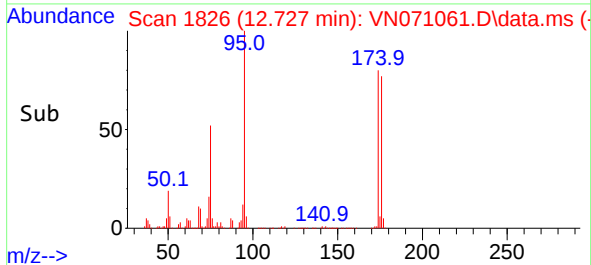
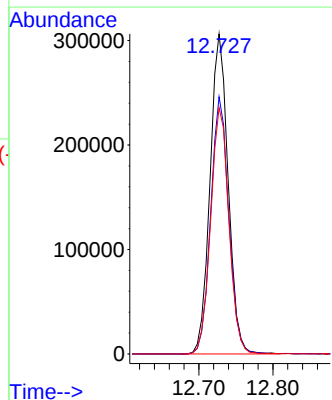
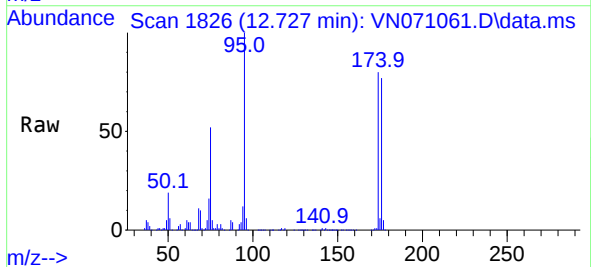
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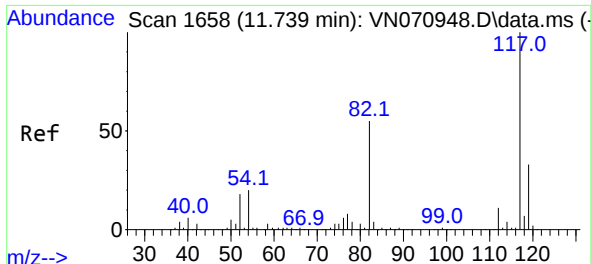
Tgt Ion: 98 Resp: 1530218  
Ion Ratio Lower Upper  
98 100  
100 65.8 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 48.587 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.006 min  
Lab File: VN071061.D  
Acq: 24 Feb 2022 17:32

Tgt Ion: 95 Resp: 519886  
Ion Ratio Lower Upper  
95 100  
174 80.2 0.0 187.2  
176 77.4 0.0 181.4

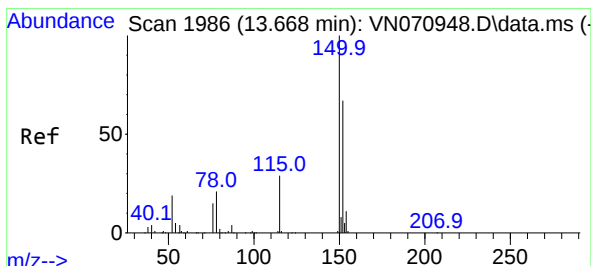
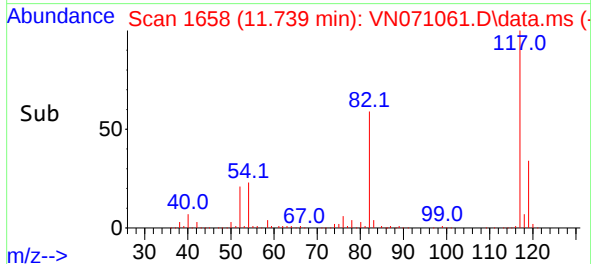
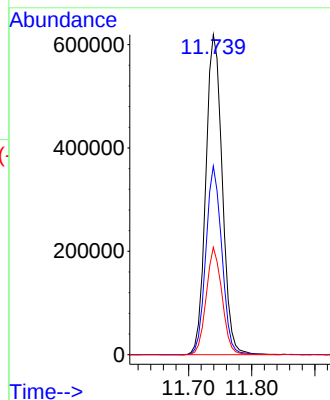
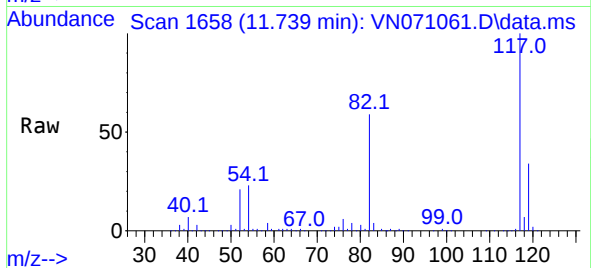




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: VN071061.D  
Acq: 24 Feb 2022 17:32

Instrument :  
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Tgt Ion:117 Resp: 1120472  
Ion Ratio Lower Upper  
117 100  
82 59.0 42.4 63.6  
119 33.6 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN071061.D  
Acq: 24 Feb 2022 17:32

Tgt Ion:152 Resp: 383365  
Ion Ratio Lower Upper  
152 100  
115 58.2 27.5 82.5  
150 157.4 0.0 344.4

