

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100522\  
 Data File : VN074760.D  
 Acq On : 06 Oct 2022 00:26  
 Operator : JC\MD  
 Sample : N4957-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SB-28

Quant Time: Oct 06 07:46:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 05:37:50 2022  
 Response via : Initial Calibration

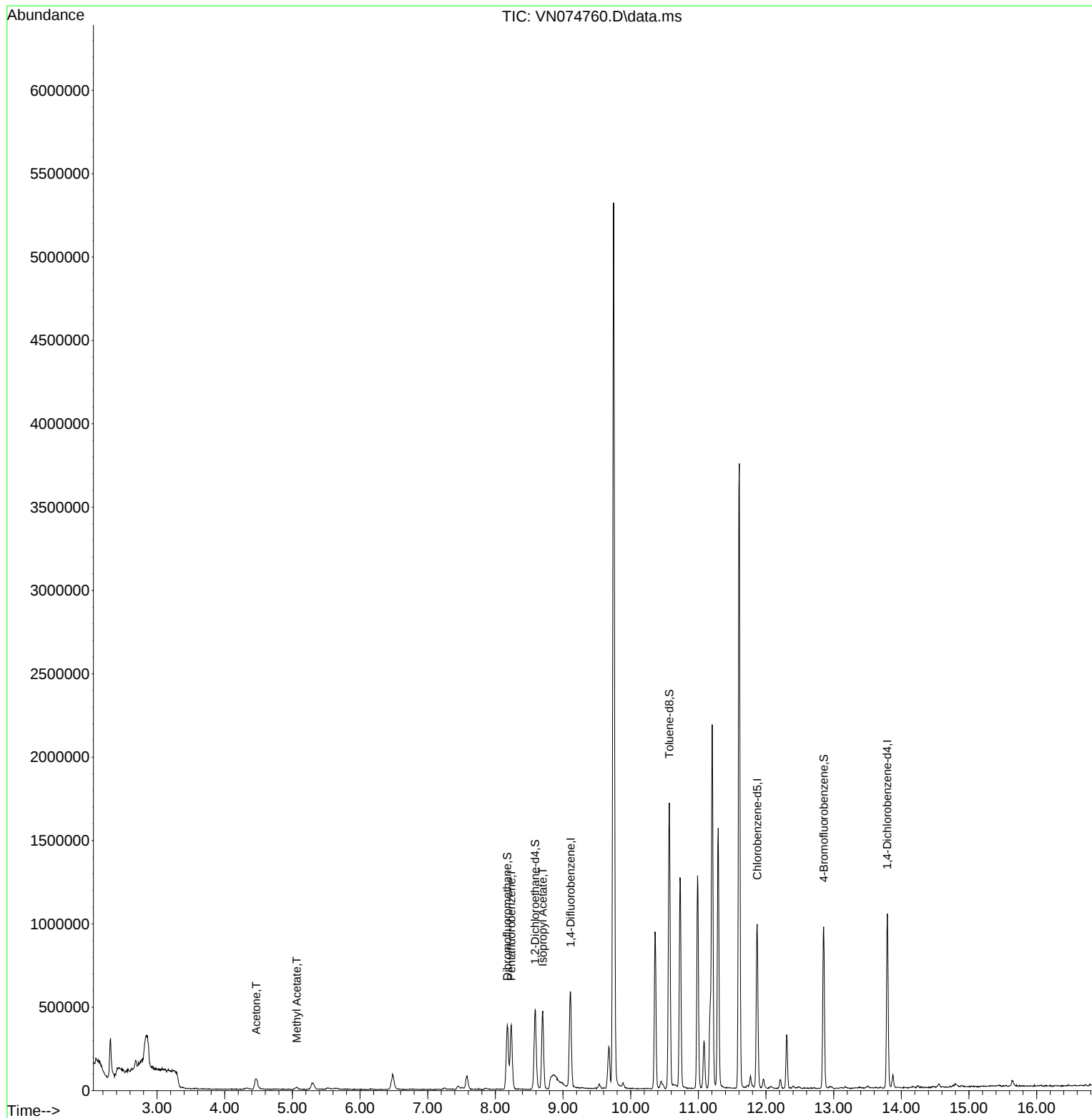
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.235     | 168   | 271934   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.112     | 114   | 500666   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.870    | 117   | 551356   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152   | 269558   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.588     | 65    | 348464   | 54.082   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 108.160% |          |
| 35) Dibromofluoromethane    | 8.176     | 113   | 275646   | 54.492   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 108.980% |          |
| 50) Toluene-d8              | 10.570    | 98    | 1167092  | 53.769   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 107.540% |          |
| 62) 4-Bromofluorobenzene    | 12.853    | 95    | 317740   | 48.156   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 96.320%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 4.465     | 43    | 125768   | 34.444   | ug/l       | 94       |
| 18) Methyl Acetate          | 5.065     | 43    | 30766    | 2.276    | ug/l       | 95       |
| 43) Isopropyl Acetate       | 8.700     | 43    | 533206   | 26.272   | ug/l       | 94       |
| -----                       |           |       |          |          |            |          |

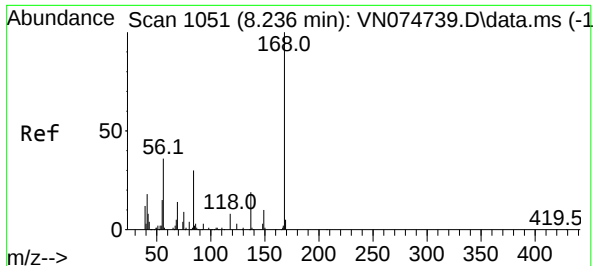
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
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QLast Update : Thu Oct 06 05:37:50 2022  
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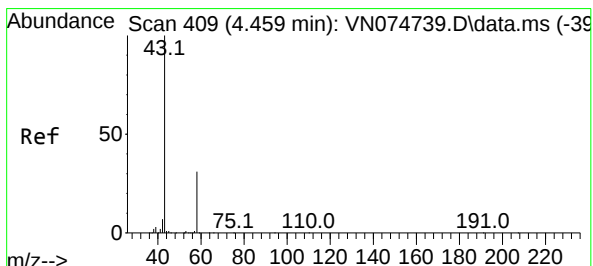
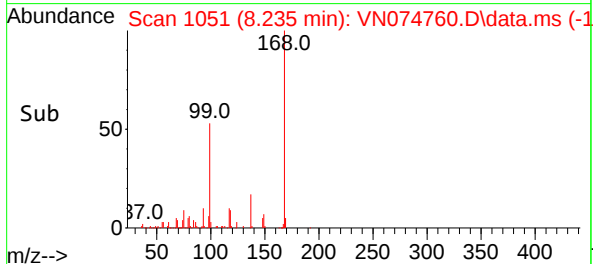
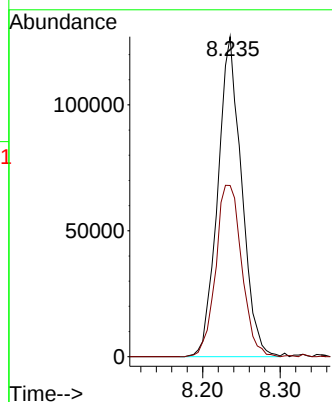
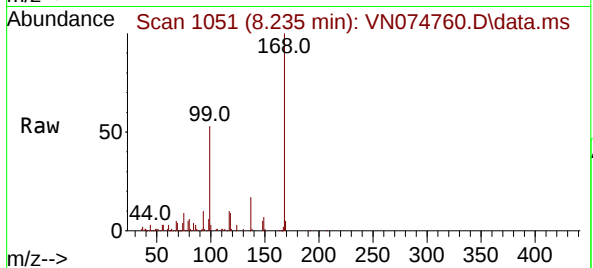




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN074760.D  
Acq: 06 Oct 2022 00:26

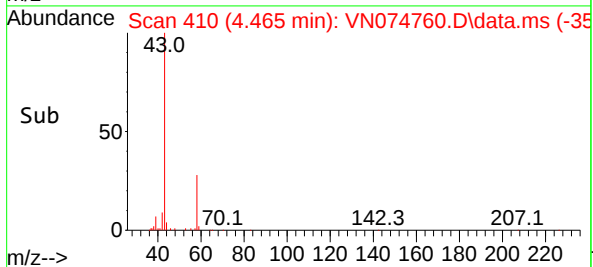
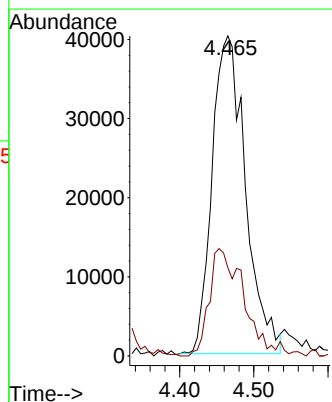
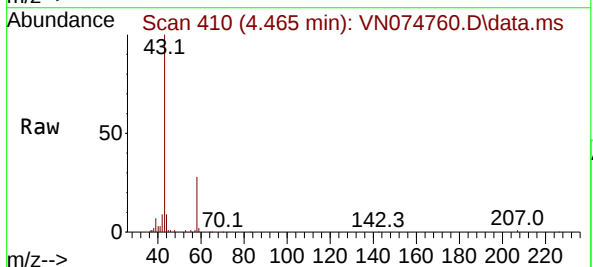
Instrument :  
MSVOA\_N  
ClientSampleId :  
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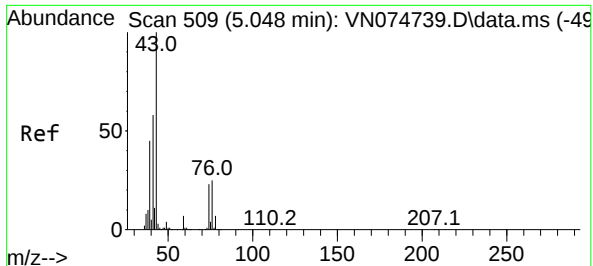
Tgt Ion:168 Resp: 271934  
Ion Ratio Lower Upper  
168 100  
99 53.5 42.8 64.2



#16  
Acetone  
Concen: 34.444 ug/l  
RT: 4.465 min Scan# 410  
Delta R.T. 0.005 min  
Lab File: VN074760.D  
Acq: 06 Oct 2022 00:26

Tgt Ion: 43 Resp: 125768  
Ion Ratio Lower Upper  
43 100  
58 27.8 24.9 37.3

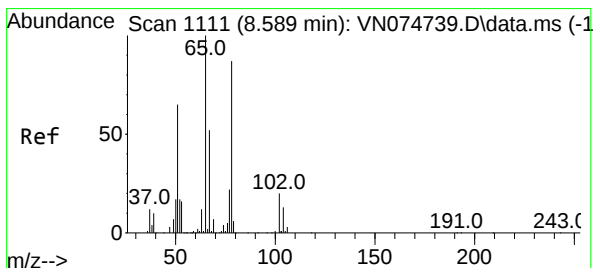
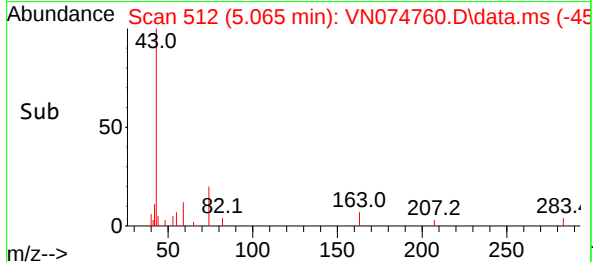
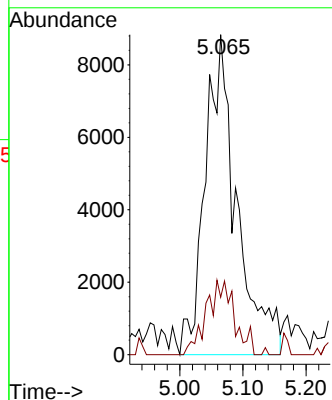
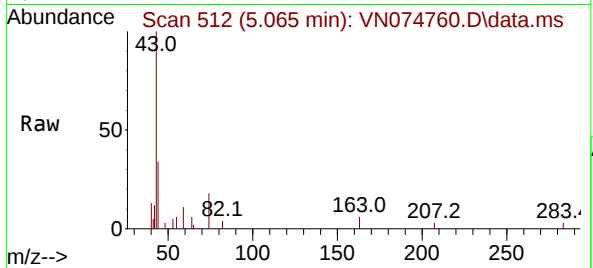




#18  
Methyl Acetate  
Concen: 2.276 ug/l  
RT: 5.065 min Scan# 512  
Delta R.T. 0.017 min  
Lab File: VN074760.D  
Acq: 06 Oct 2022 00:26

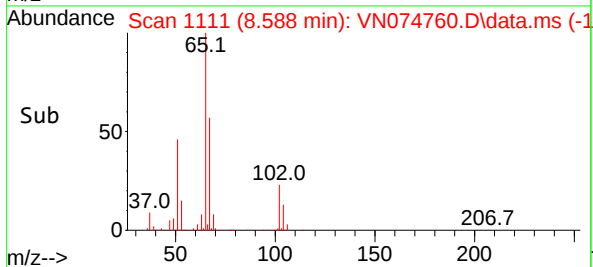
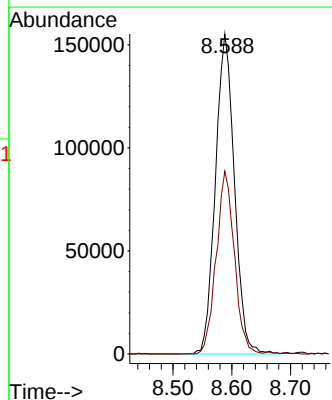
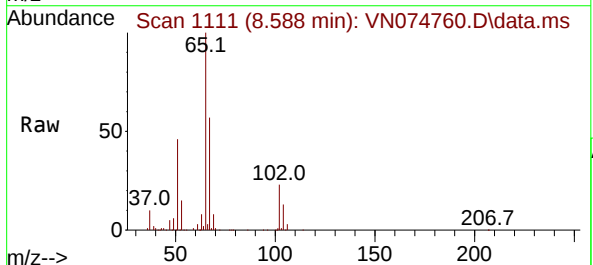
Instrument :  
MSVOA\_N  
ClientSampleId :  
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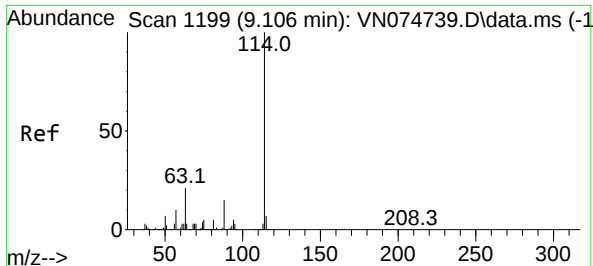
Tgt Ion: 43 Resp: 30766  
Ion Ratio Lower Upper  
43 100  
74 20.5 18.5 27.7



#33  
1,2-Dichloroethane-d4  
Concen: 54.082 ug/l  
RT: 8.588 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: VN074760.D  
Acq: 06 Oct 2022 00:26

Tgt Ion: 65 Resp: 348464  
Ion Ratio Lower Upper  
65 100  
67 54.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1199

Delta R.T. 0.005 min

Lab File: VN074760.D

Acq: 06 Oct 2022 00:26

Instrument :

MSVOA\_N

ClientSampleId :

SB-28

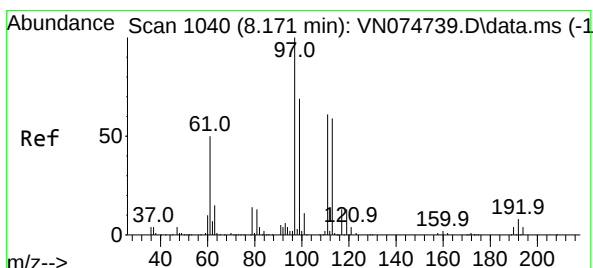
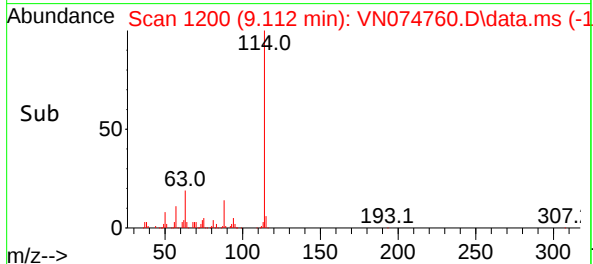
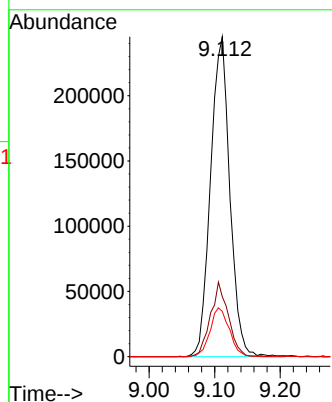
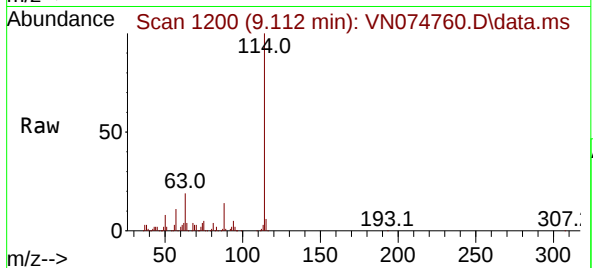
Tgt Ion:114 Resp: 500666

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.2

88 14.1 0.0 30.2



#35

Dibromofluoromethane

Concen: 54.492 ug/l

RT: 8.176 min Scan# 1041

Delta R.T. 0.005 min

Lab File: VN074760.D

Acq: 06 Oct 2022 00:26

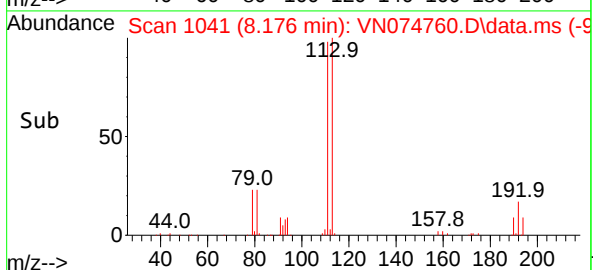
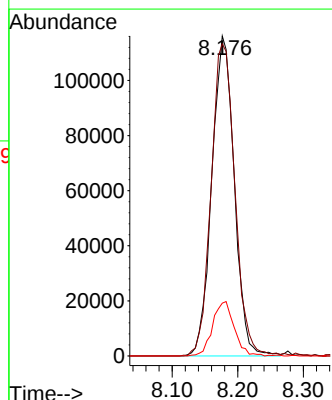
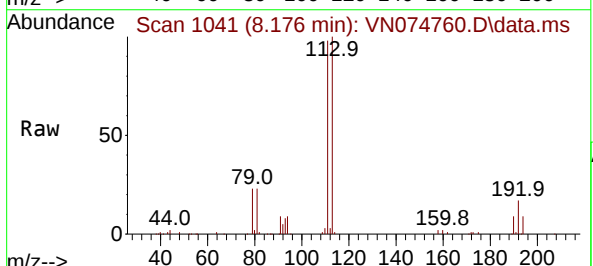
Tgt Ion:113 Resp: 275646

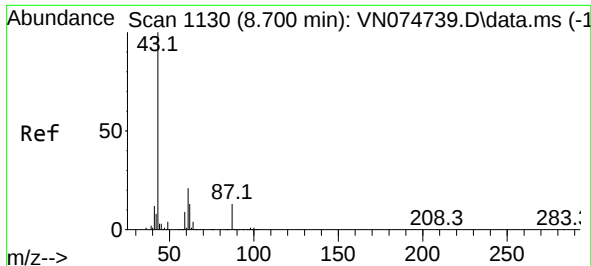
Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

192 16.4 12.6 18.8

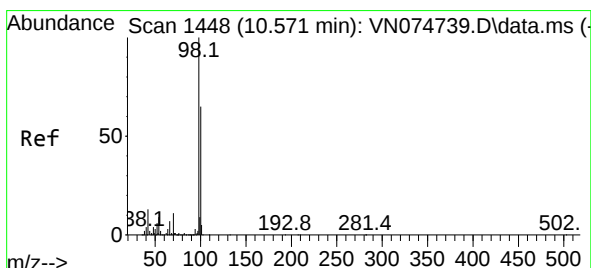
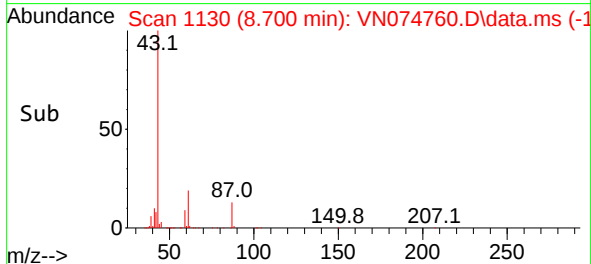
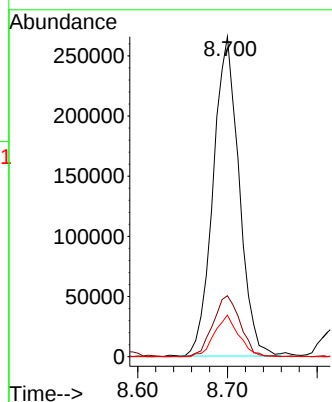
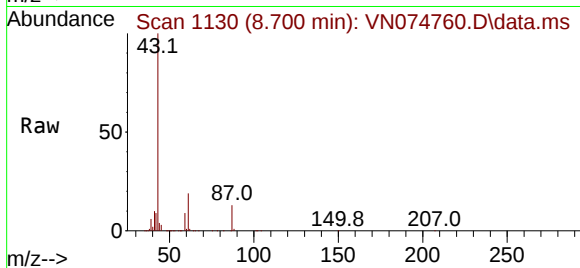




#43  
Isopropyl Acetate  
Concen: 26.272 ug/l  
RT: 8.700 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN074760.D  
Acq: 06 Oct 2022 00:26

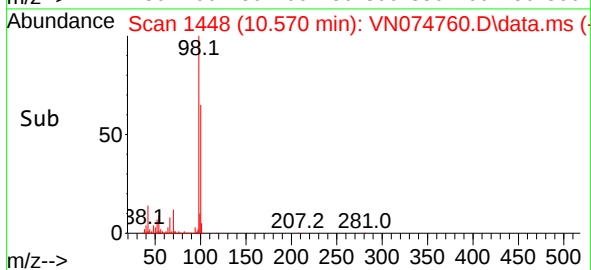
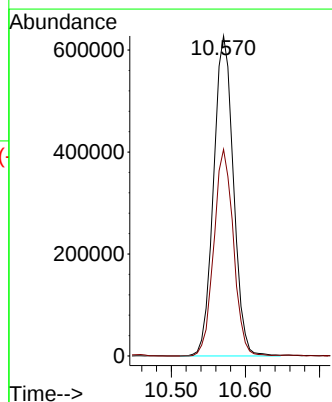
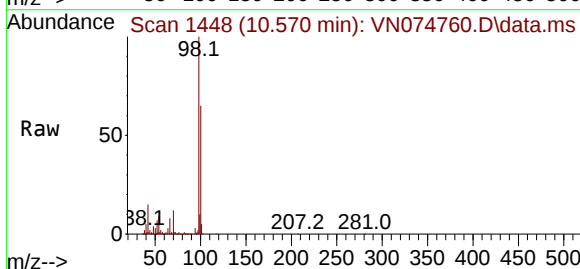
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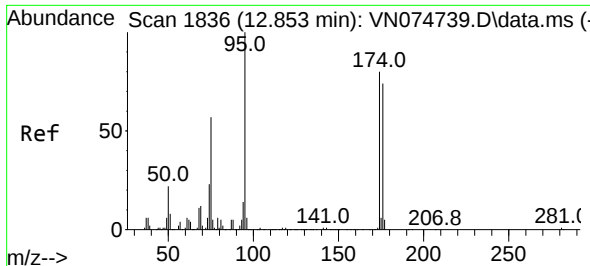
Tgt Ion: 43 Resp: 533206  
Ion Ratio Lower Upper  
43 100  
61 20.1 19.4 29.0  
87 12.2 10.1 15.1



#50  
Toluene-d8  
Concen: 53.769 ug/l  
RT: 10.570 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN074760.D  
Acq: 06 Oct 2022 00:26

Tgt Ion: 98 Resp: 1167092  
Ion Ratio Lower Upper  
98 100  
100 63.6 50.7 76.1

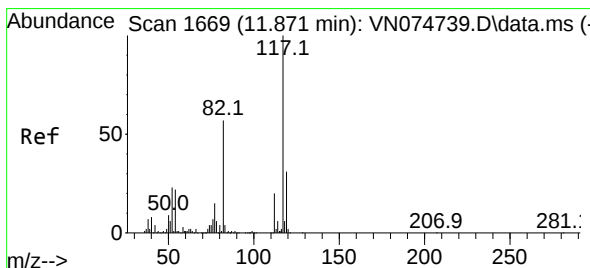
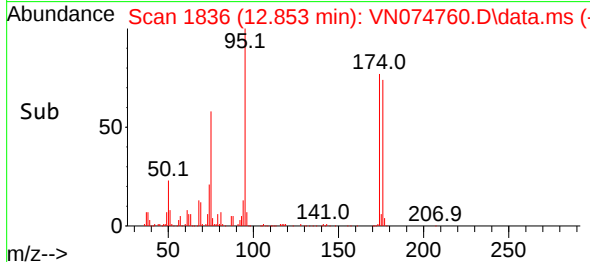
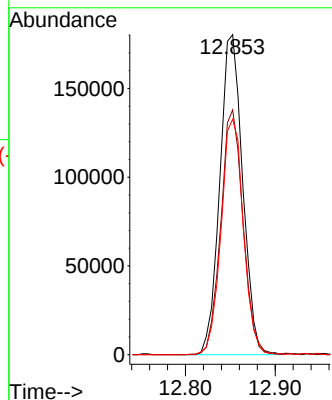
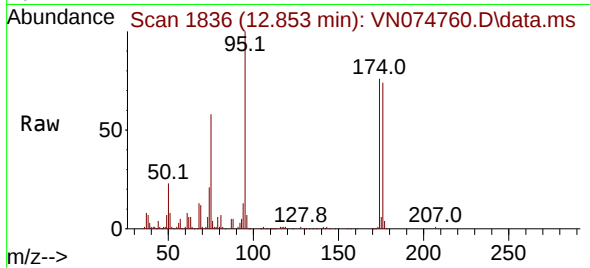




#62  
4-Bromofluorobenzene  
Concen: 48.156 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN074760.D  
Acq: 06 Oct 2022 00:26

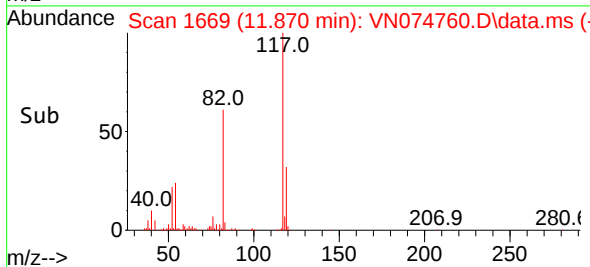
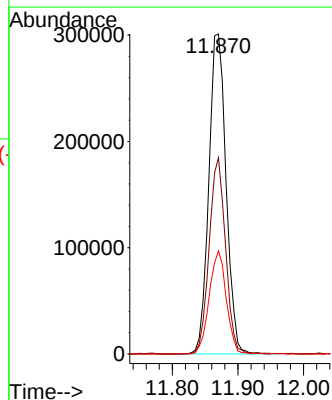
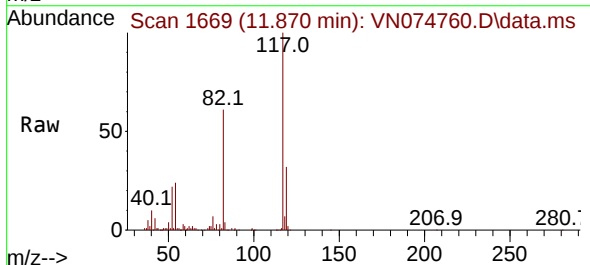
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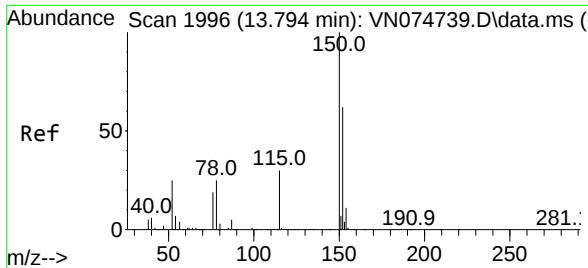
Tgt Ion: 95 Resp: 317740  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 149.4  
176 72.0 0.0 142.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VN074760.D  
Acq: 06 Oct 2022 00:26

Tgt Ion: 117 Resp: 551356  
Ion Ratio Lower Upper  
117 100  
82 61.3 45.4 68.2  
119 32.2 25.1 37.7





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 1996  
 Delta R.T. -0.000 min  
 Lab File: VN074760.D  
 Acq: 06 Oct 2022 00:26

Instrument :  
 MSVOA\_N  
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Tgt Ion:152 Resp: 269558  
 Ion Ratio Lower Upper  
 152 100  
 115 59.8 30.0 90.0  
 150 154.2 0.0 356.4

