

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062022\  
 Data File : VN072960.D  
 Acq On : 20 Jun 2022 14:40  
 Operator : JC\MD  
 Sample : N3357-08  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-7

Quant Time: Jun 21 05:55:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061722W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 18 06:22:45 2022  
 Response via : Initial Calibration

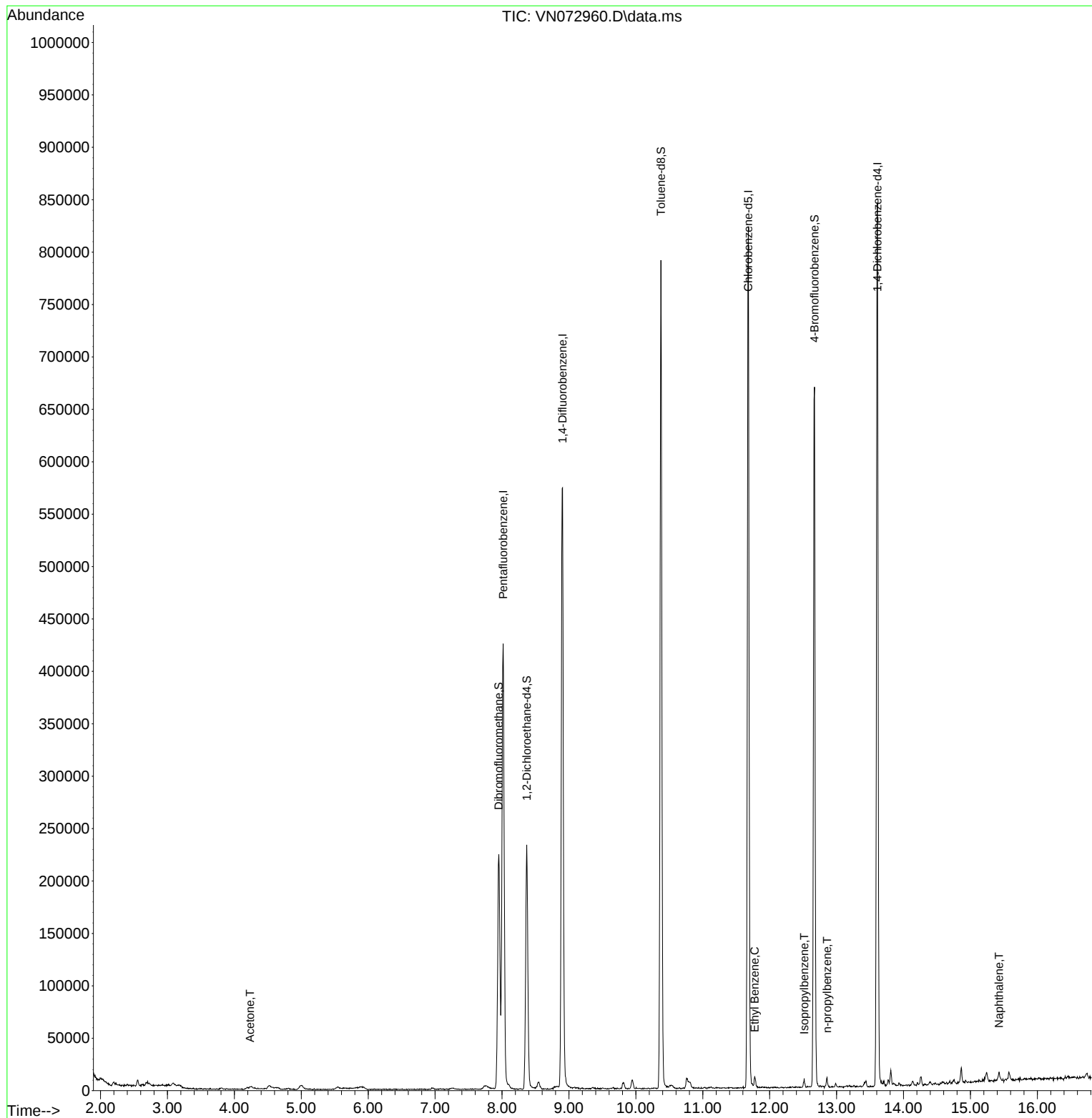
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.016          | 168  | 332757     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904          | 114  | 526763     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.680         | 117  | 479005     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610         | 152  | 231935     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.369          | 65   | 195259     | 43.403   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 86.800%  |        |          |
| 35) Dibromofluoromethane    | 7.951          | 113  | 166358     | 51.095   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 102.180% |        |          |
| 50) Toluene-d8              | 10.375         | 98   | 545727     | 45.045   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 90.080%  |        |          |
| 62) 4-Bromofluorobenzene    | 12.669         | 95   | 237396     | 54.493   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 108.980% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
|                             |                |      |            |          | Qvalue |          |
| 16) Acetone                 | 4.234          | 43   | 6737       | 2.724    | ug/l # | 73       |
| 67) Ethyl Benzene           | 11.775         | 91   | 6888       | 0.418    | ug/l   | 100      |
| 73) Isopropylbenzene        | 12.516         | 105  | 4752       | 0.265    | ug/l   | 99       |
| 78) n-propylbenzene         | 12.857         | 91   | 7083       | 0.359    | ug/l   | 93       |
| 95) Naphthalene             | 15.427         | 128  | 7079       | 0.395    | ug/l   | 98       |
| -----                       |                |      |            |          |        |          |

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

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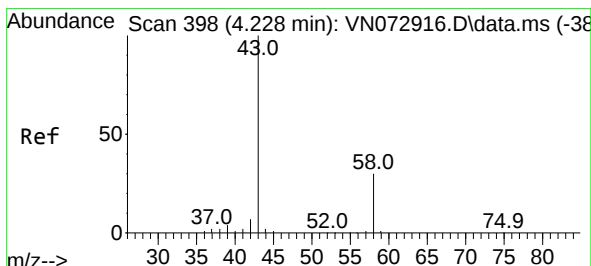
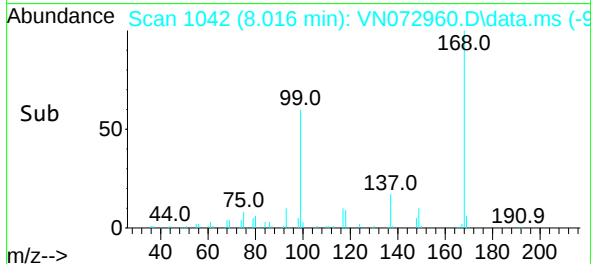
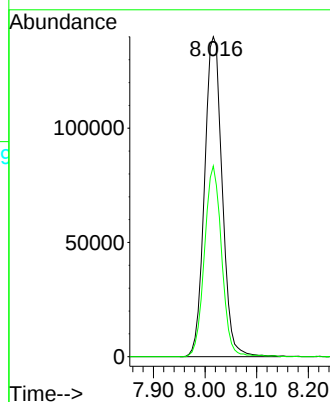
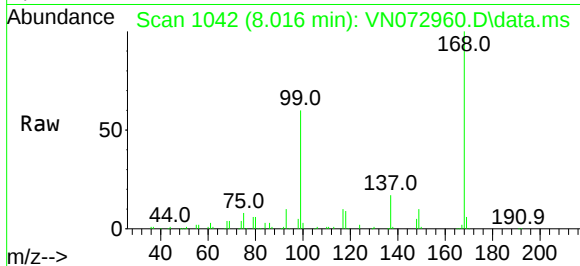




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

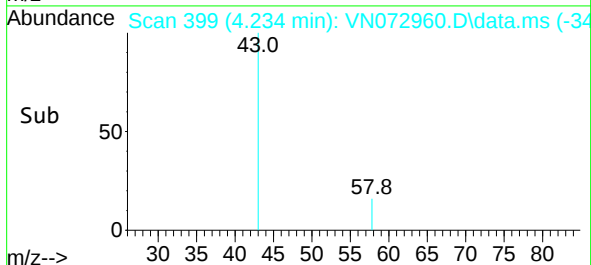
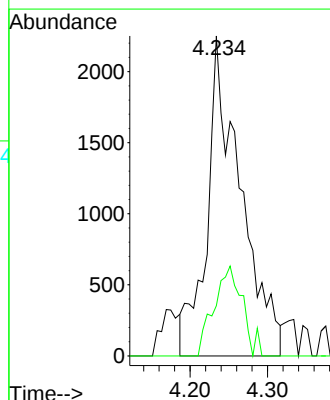
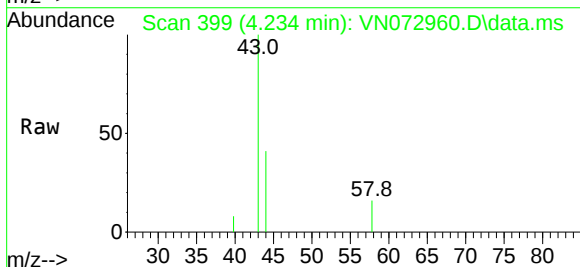
Instrument :  
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ClientSampleId :  
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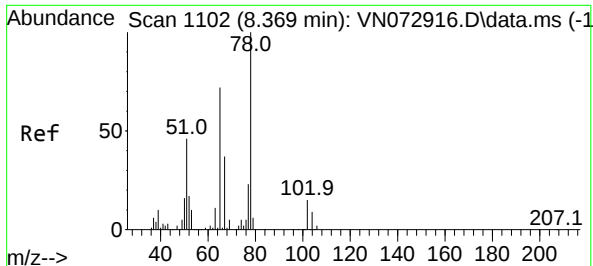
Tgt Ion:168 Resp: 332757  
Ion Ratio Lower Upper  
168 100  
99 59.6 42.3 63.5



#16  
Acetone  
Concen: 2.724 ug/l  
RT: 4.234 min Scan# 399  
Delta R.T. 0.006 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

Tgt Ion: 43 Resp: 6737  
Ion Ratio Lower Upper  
43 100  
58 17.3 26.0 39.0#

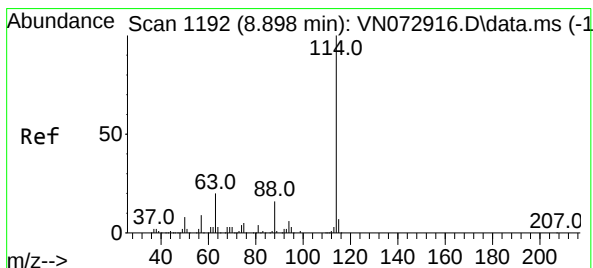
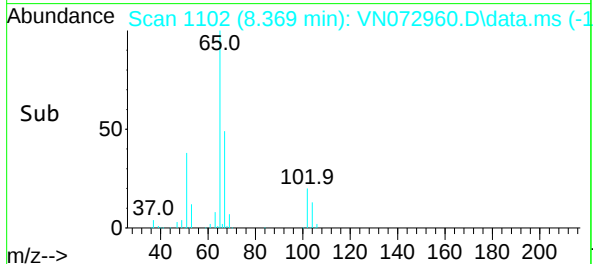
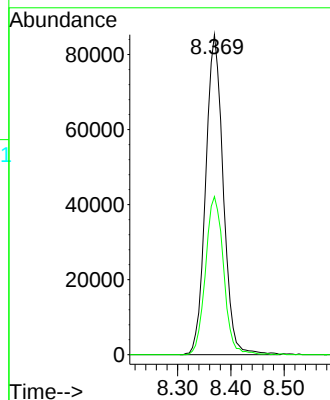
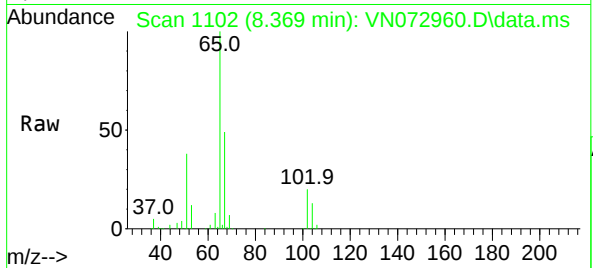




#33  
1,2-Dichloroethane-d4  
Concen: 43.403 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. 0.000 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

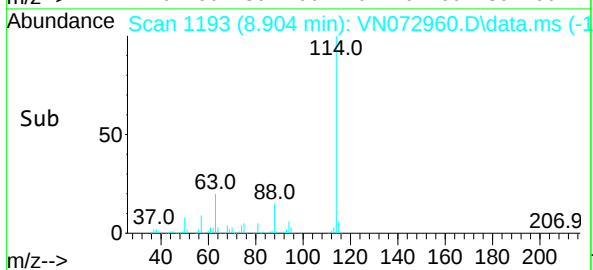
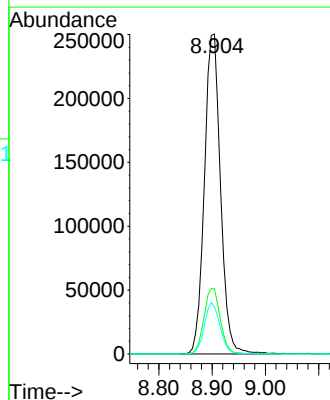
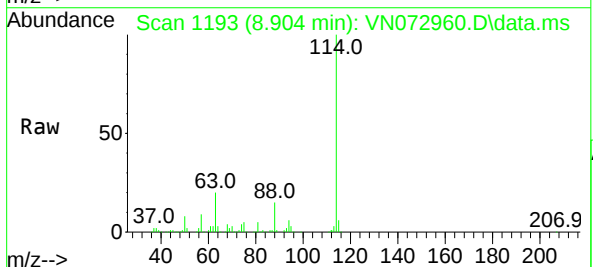
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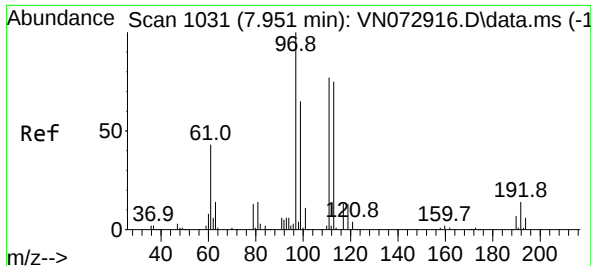
Tgt Ion: 65 Resp: 195259  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 104.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

Tgt Ion: 114 Resp: 526763  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 40.0  
88 14.7 0.0 32.6

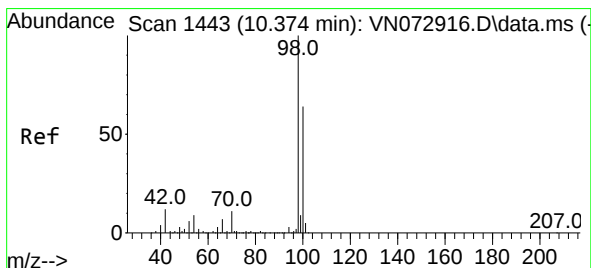
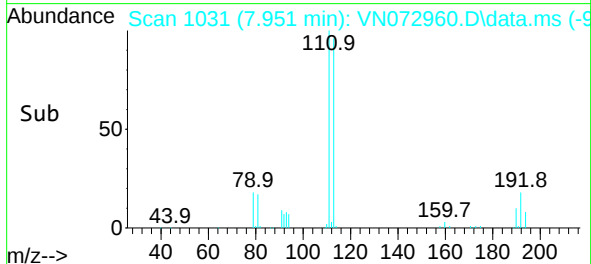
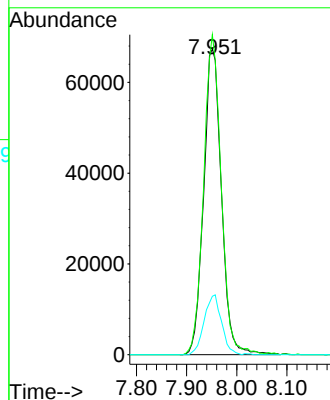
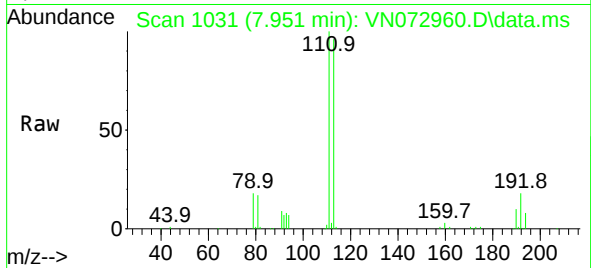




#35  
Dibromofluoromethane  
Concen: 51.095 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

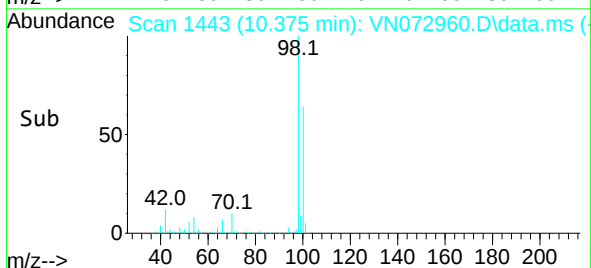
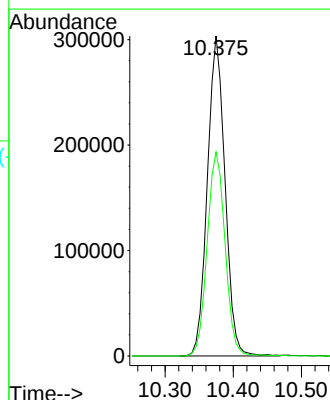
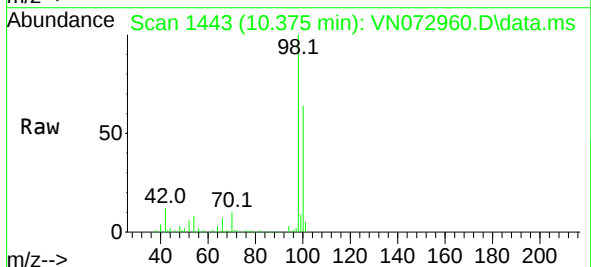
Instrument :  
MSVOA\_N  
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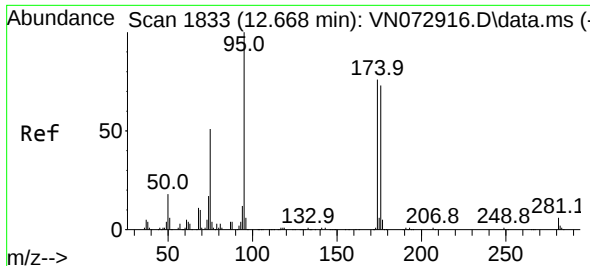
Tgt Ion:113 Resp: 166358  
Ion Ratio Lower Upper  
113 100  
111 103.2 81.4 122.0  
192 19.0 17.0 25.6



#50  
Toluene-d8  
Concen: 45.045 ug/l  
RT: 10.375 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

Tgt Ion: 98 Resp: 545727  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.6 78.8

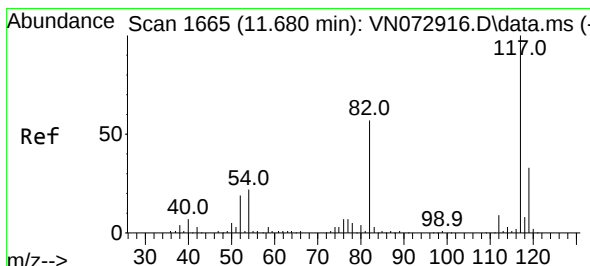
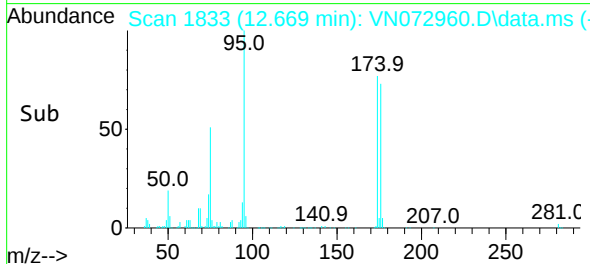
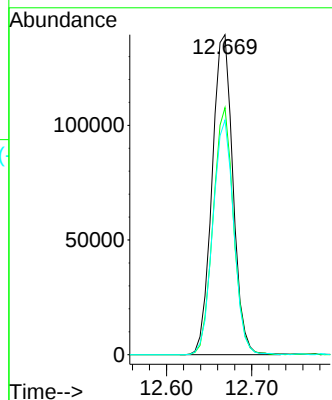
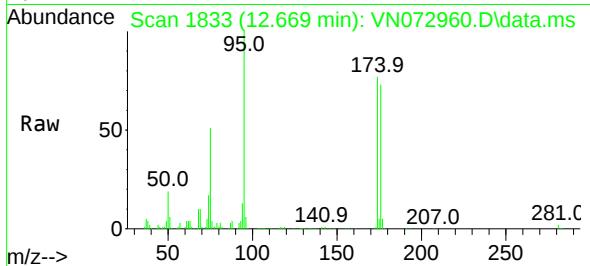




#62  
4-Bromofluorobenzene  
Concen: 54.493 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

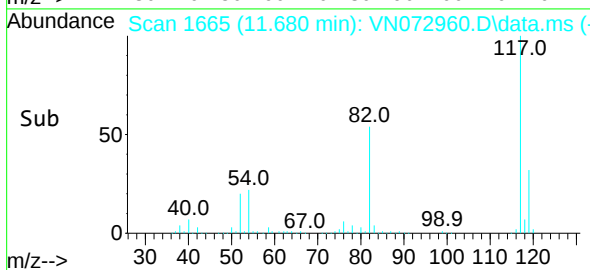
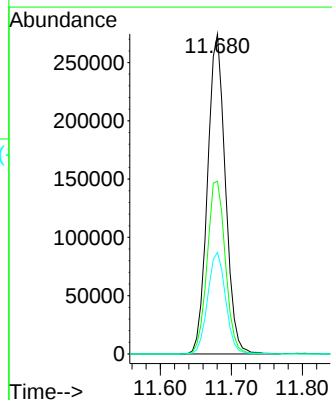
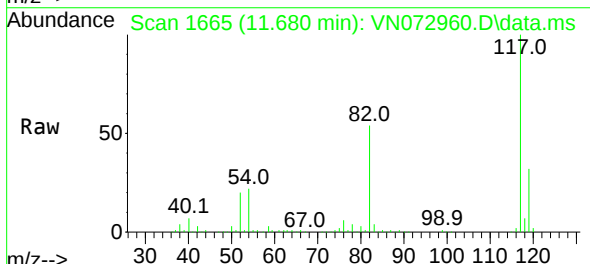
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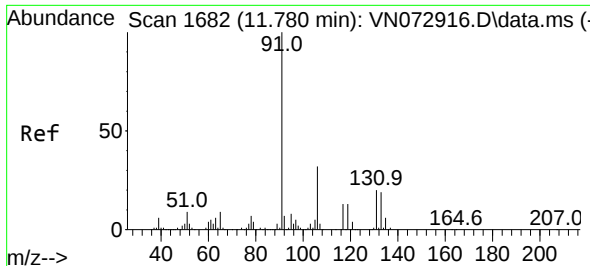
Tgt Ion: 95 Resp: 237396  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 167.6  
176 73.4 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.680 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

Tgt Ion: 117 Resp: 479005  
Ion Ratio Lower Upper  
117 100  
82 54.0 44.2 66.2  
119 31.8 25.4 38.0

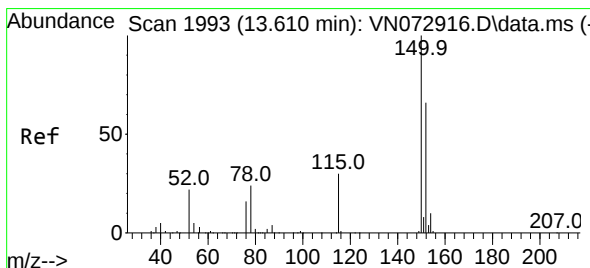
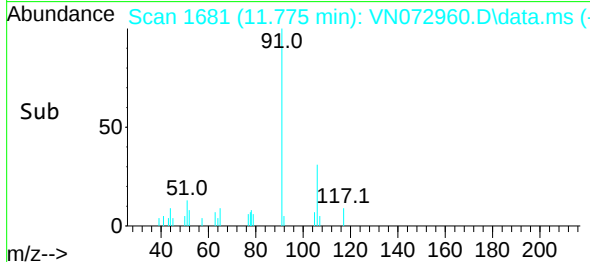
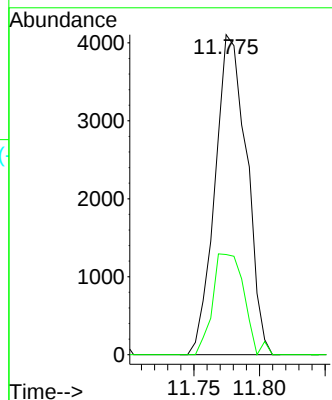
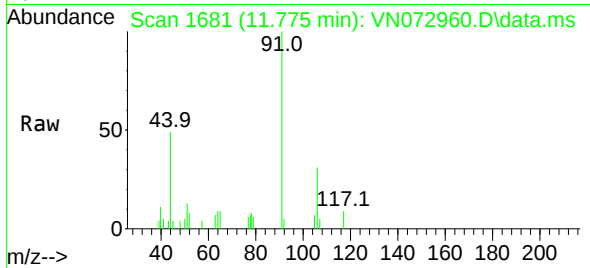




#67  
Ethyl Benzene  
Concen: 0.418 ug/l  
RT: 11.775 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

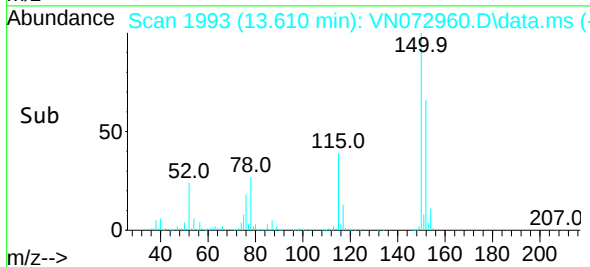
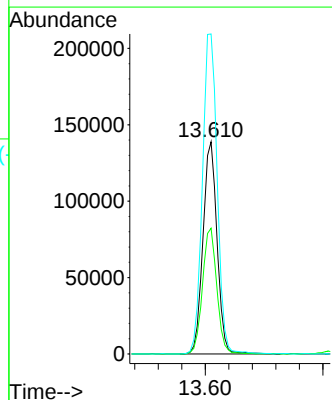
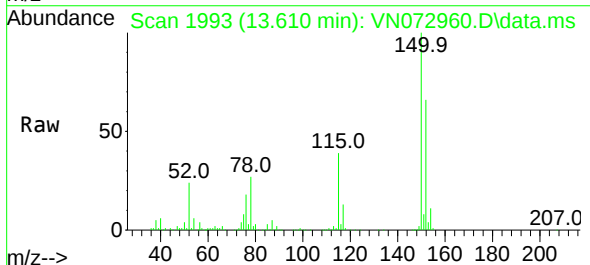
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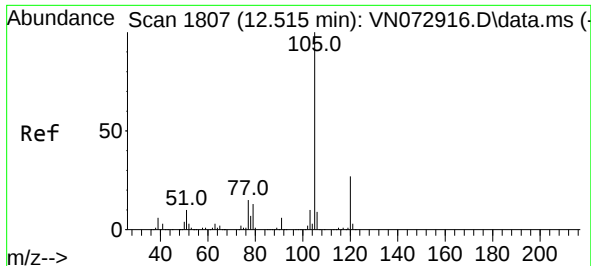
Tgt Ion: 91 Resp: 6888  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.9 37.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.610 min Scan# 1993  
Delta R.T. 0.000 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

Tgt Ion: 152 Resp: 231935  
Ion Ratio Lower Upper  
152 100  
115 60.1 28.9 86.7  
150 158.2 0.0 356.2

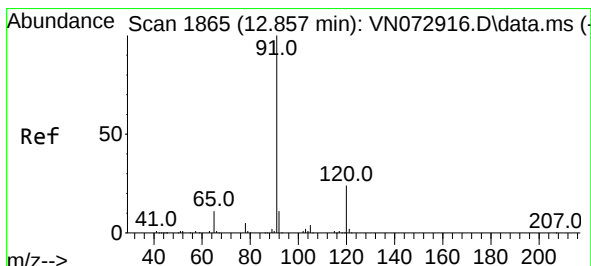
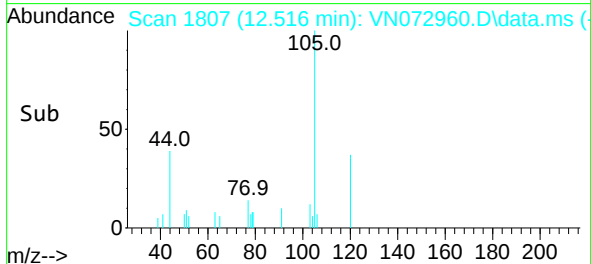
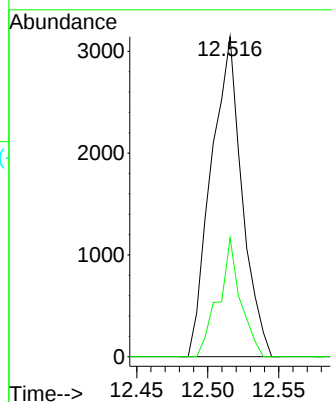
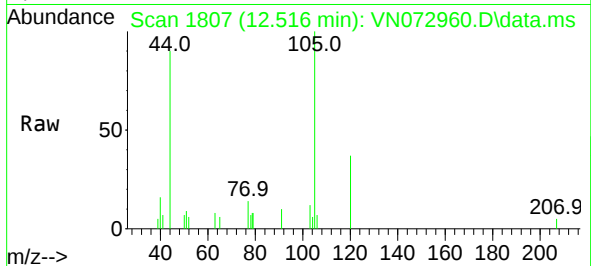




#73  
Isopropylbenzene  
Concen: 0.265 ug/l  
RT: 12.516 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

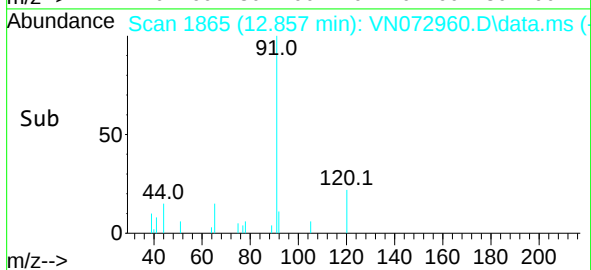
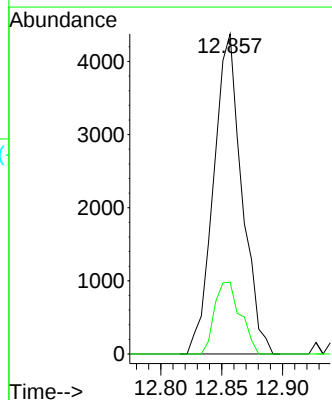
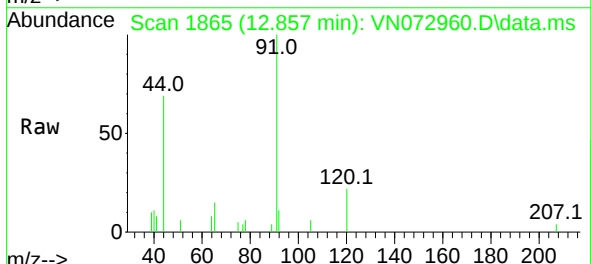
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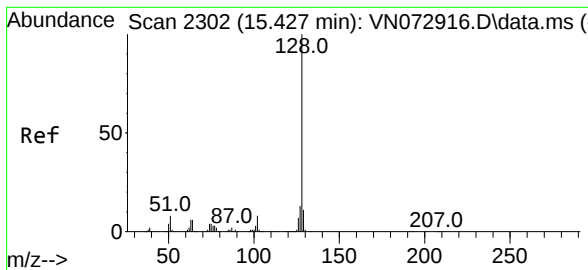
Tgt Ion:105 Resp: 4752  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.5 40.4



#78  
n-propylbenzene  
Concen: 0.359 ug/l  
RT: 12.857 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

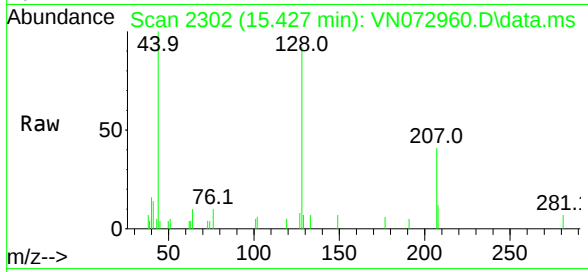
Tgt Ion: 91 Resp: 7083  
Ion Ratio Lower Upper  
91 100  
120 20.4 11.9 35.5





#95  
Naphthalene  
Concen: 0.395 ug/l  
RT: 15.427 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VN072960.D  
Acq: 20 Jun 2022 14:40

Instrument :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 7079  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.8  | 10.3  | 15.5  |
| 129      | 10.2  | 8.6   | 13.0  |

