

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030221\  
 Data File : VN066107.D  
 Acq On : 2 Mar 2021 18:39  
 Operator : JC/MD  
 Sample : M1507-07 20X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-30771-73-77

Quant Time: Mar 03 03:54:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030221W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 02 14:05:08 2021  
 Response via : Initial Calibration

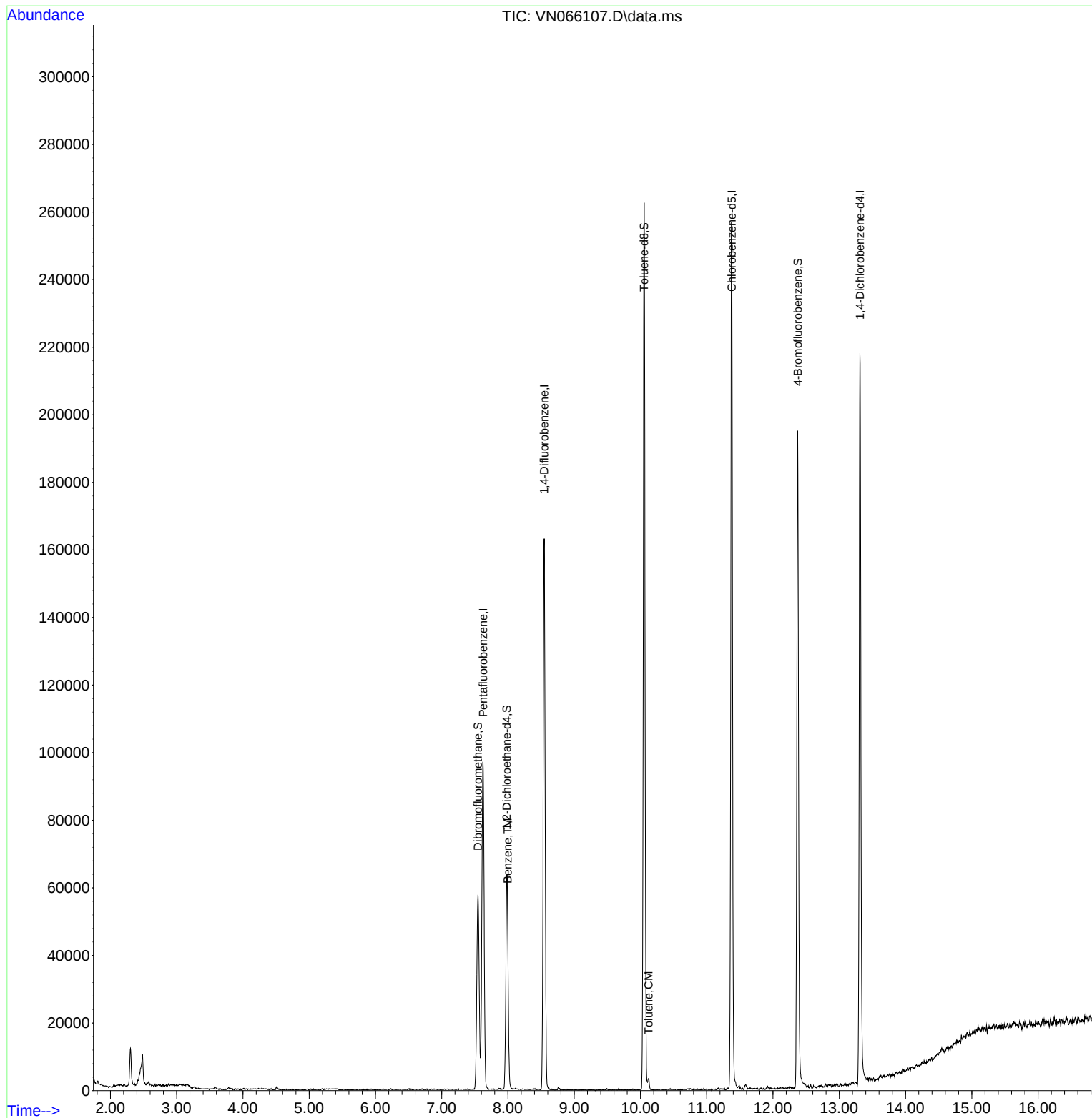
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.624  | 168   | 78757    | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.547  | 114   | 145498   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.376 | 117   | 152656   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.315 | 152   | 62089    | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.984  | 65    | 58737    | 49.01    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 98.02%   |
| 35) Dibromofluoromethane    | 7.547  | 113   | 45271    | 49.13    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 98.26%   |
| 50) Toluene-d8              | 10.055 | 98    | 185138   | 51.59    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 103.18%  |
| 62) 4-Bromofluorobenzene    | 12.373 | 95    | 78439    | 56.75    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 113.50%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 40) Benzene                 | 7.997  | 78    | 2019     | 0.50     | ug/l   | 93       |
| 52) Toluene                 | 10.122 | 92    | 1593     | 0.61     | ug/l   | 96       |
| -----                       |        |       |          |          |        |          |

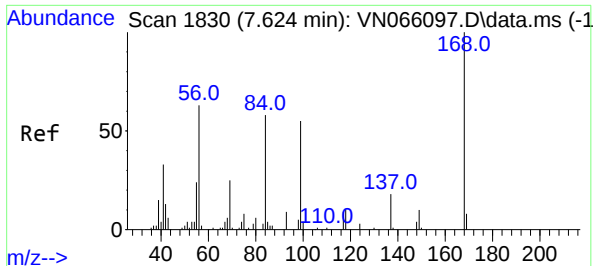
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

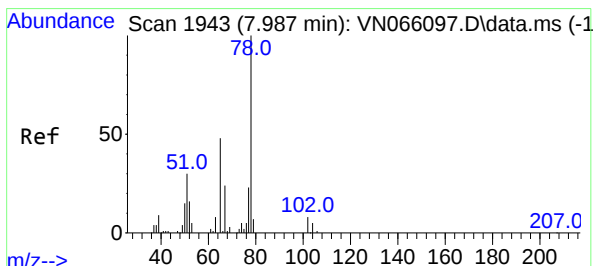
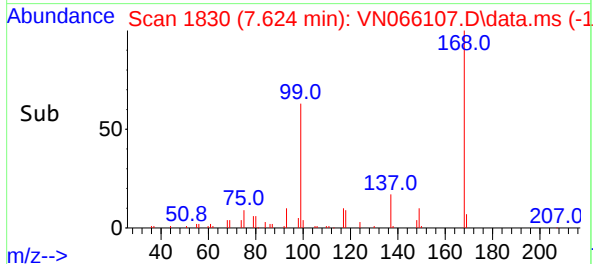
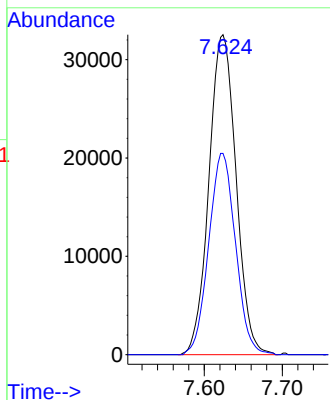
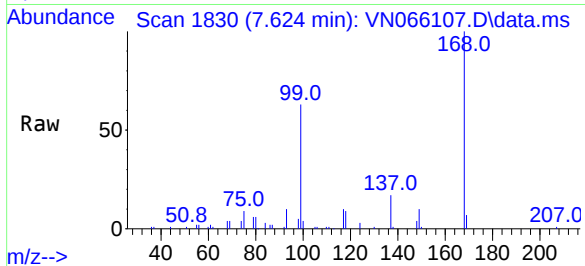




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN066107.D  
Acq: 2 Mar 2021 18:39

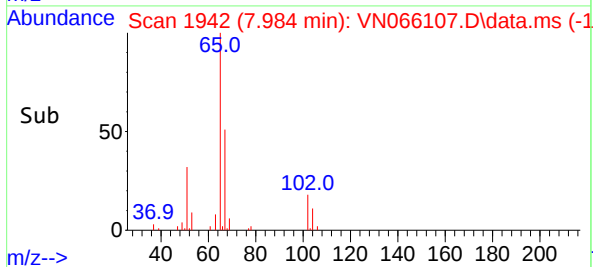
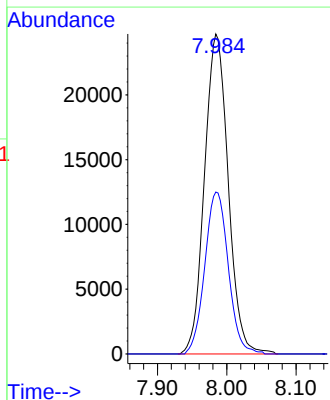
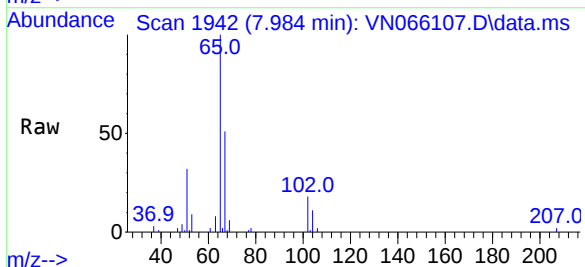
Instrument :  
MSVOA\_N  
ClientSampleId :  
COMP-30771-73-77

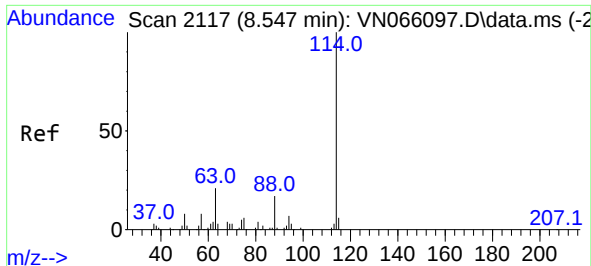
Tgt Ion:168 Resp: 78757  
Ion Ratio Lower Upper  
168 100  
99 62.9 42.6 63.8



#33  
1,2-Dichloroethane-d4  
Concen: 49.01 ug/l  
RT: 7.984 min Scan# 1942  
Delta R.T. -0.003 min  
Lab File: VN066107.D  
Acq: 2 Mar 2021 18:39

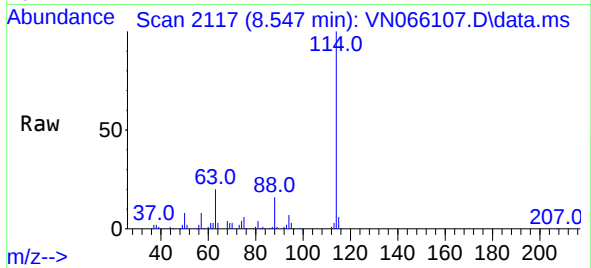
Tgt Ion: 65 Resp: 58737  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 107.2



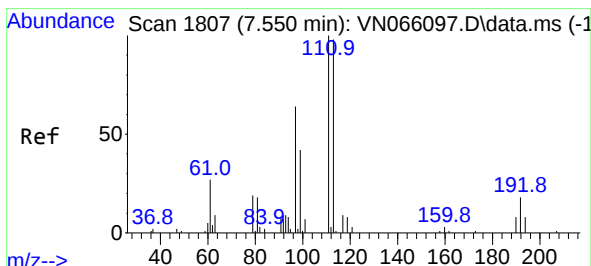
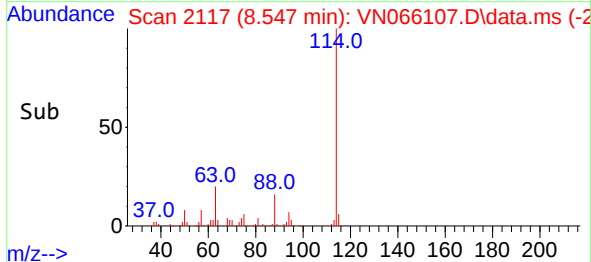
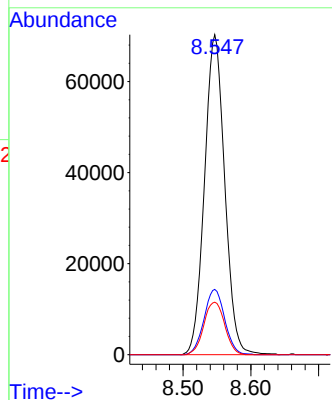


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.547 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: VN066107.D  
Acq: 2 Mar 2021 18:39

Instrument :  
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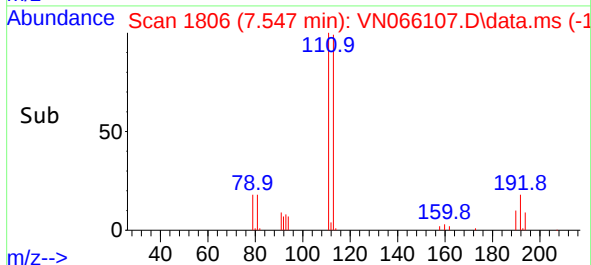
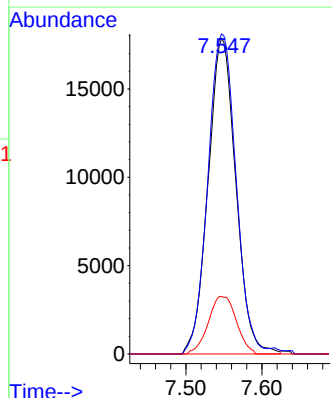
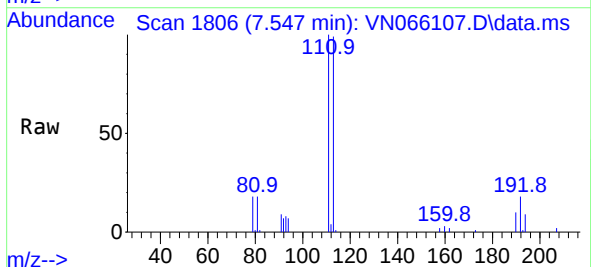


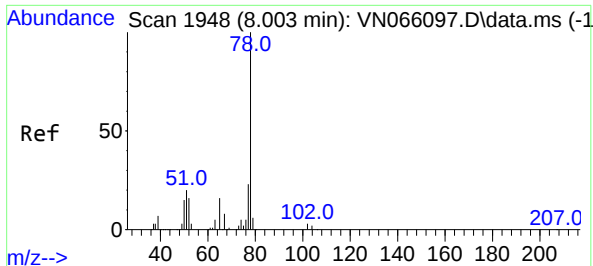
Tgt Ion:114 Resp: 145498  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 38.6  
88 16.4 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 49.13 ug/l  
RT: 7.547 min Scan# 1806  
Delta R.T. -0.003 min  
Lab File: VN066107.D  
Acq: 2 Mar 2021 18:39

Tgt Ion:113 Resp: 45271  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.2 123.2  
192 18.4 15.4 23.0

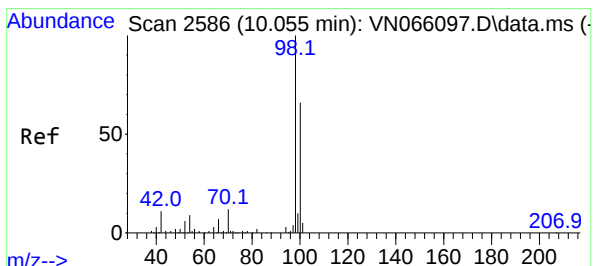
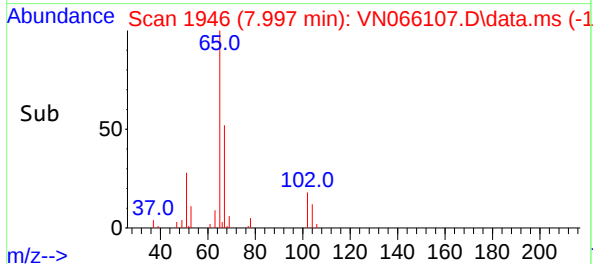
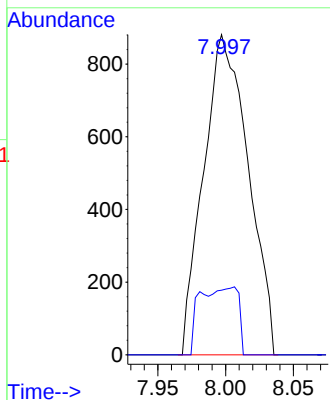
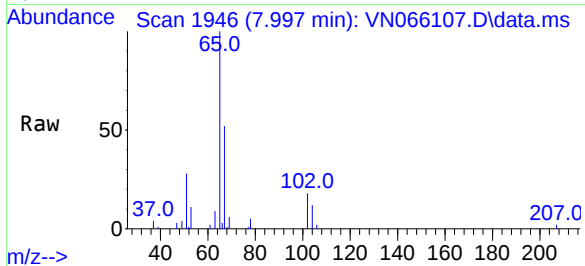




#40  
Benzene  
Concen: 0.50 ug/l  
RT: 7.997 min Scan# 1946  
Delta R.T. -0.006 min  
Lab File: VN066107.D  
Acq: 2 Mar 2021 18:39

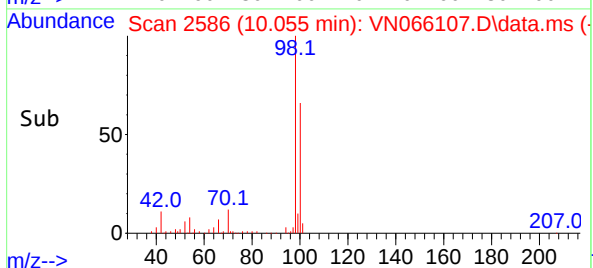
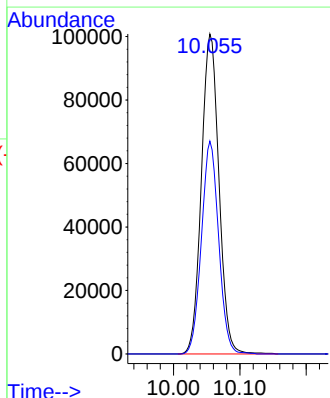
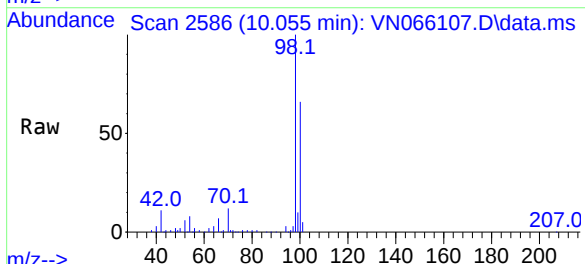
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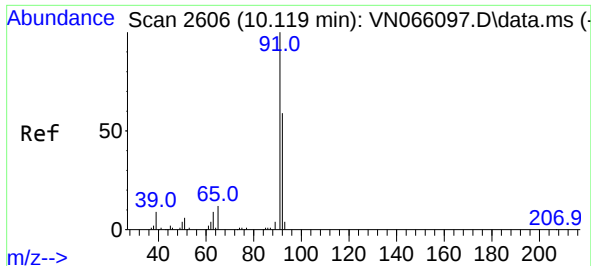
Tgt Ion: 78 Resp: 2019  
Ion Ratio Lower Upper  
78 100  
77 20.2 19.0 28.4



#50  
Toluene-d8  
Concen: 51.59 ug/l  
RT: 10.055 min Scan# 2586  
Delta R.T. -0.000 min  
Lab File: VN066107.D  
Acq: 2 Mar 2021 18:39

Tgt Ion: 98 Resp: 185138  
Ion Ratio Lower Upper  
98 100  
100 65.1 50.5 75.7

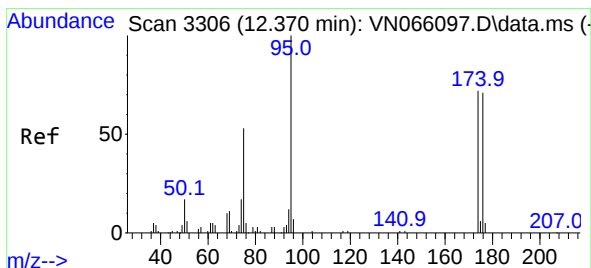
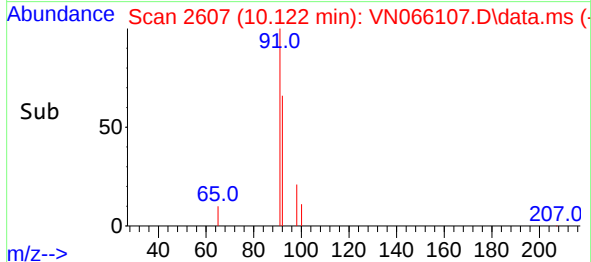
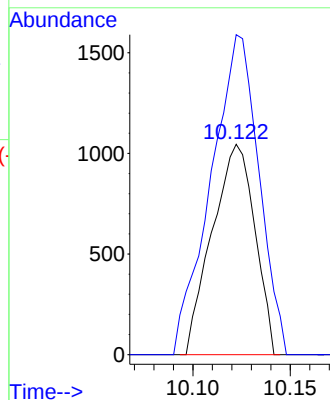
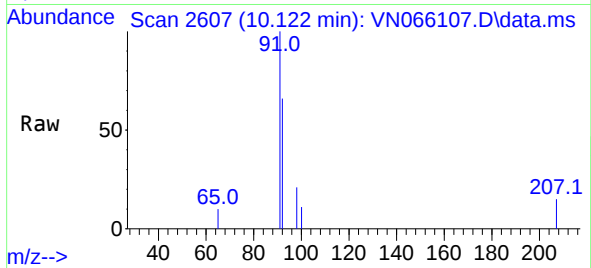




#52  
Toluene  
Concen: 0.61 ug/l  
RT: 10.122 min Scan# 2607  
Delta R.T. 0.003 min  
Lab File: VN066107.D  
Acq: 2 Mar 2021 18:39

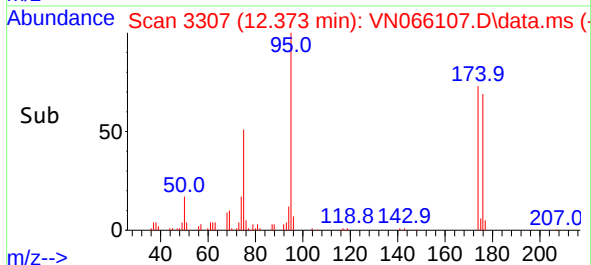
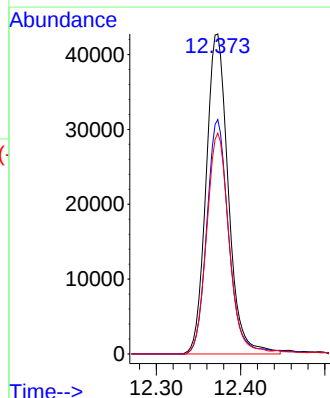
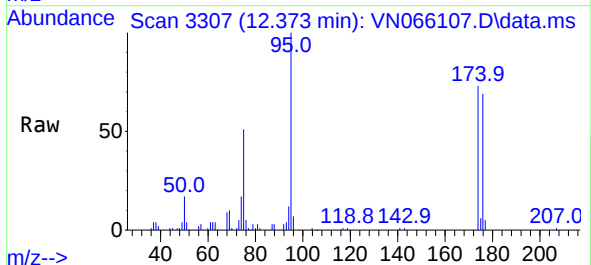
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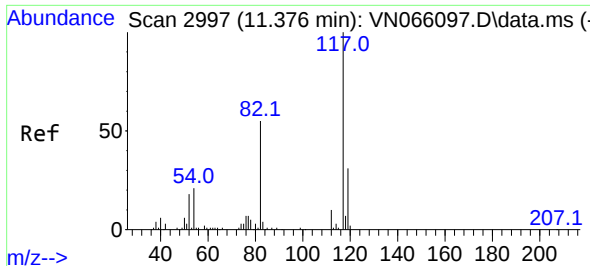
Tgt Ion: 92 Resp: 1593  
Ion Ratio Lower Upper  
92 100  
91 170.7 140.7 211.1



#62  
4-Bromofluorobenzene  
Concen: 56.75 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.003 min  
Lab File: VN066107.D  
Acq: 2 Mar 2021 18:39

Tgt Ion: 95 Resp: 78439  
Ion Ratio Lower Upper  
95 100  
174 72.0 0.0 169.0  
176 69.3 0.0 162.4

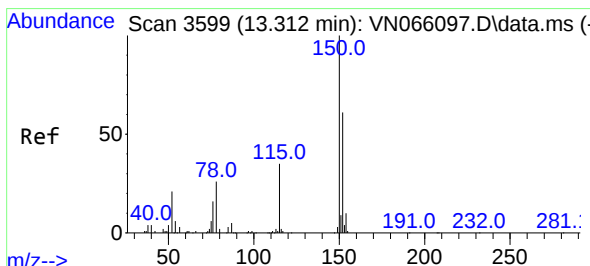
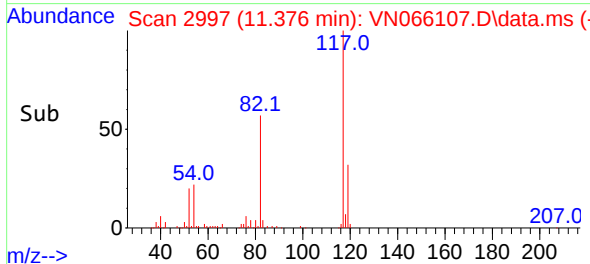
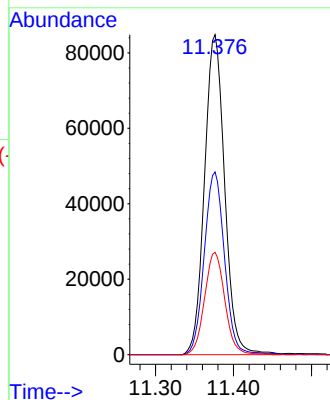
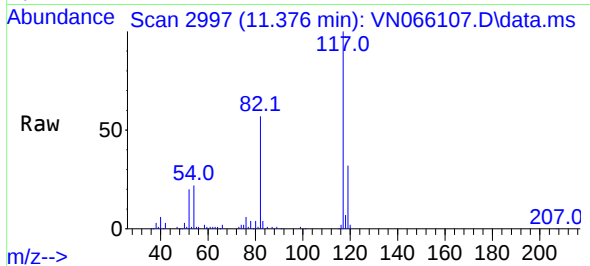




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN066107.D  
Acq: 2 Mar 2021 18:39

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 152656 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.1  | 43.7  | 65.5   |
| 119      | 32.0  | 26.1  | 39.1   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.315 min Scan# 3600  
Delta R.T. 0.003 min  
Lab File: VN066107.D  
Acq: 2 Mar 2021 18:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 62089 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 63.3  | 28.5  | 85.6  |
| 150      | 160.1 | 0.0   | 347.6 |

