

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030121\  
 Data File : VN066074.D  
 Acq On : 1 Mar 2021 14:00  
 Operator : JC/MD  
 Sample : M1519-04  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TB-01-022621

Quant Time: Mar 01 21:41:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 15:48:13 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.627  | 168   | 120319   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.550  | 114   | 193124   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.376 | 117   | 174598   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.315 | 152   | 70364    | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 7.987  | 65    | 79009    | 46.96    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 93.92%   |
| 35) Dibromofluoromethane    | 7.550  | 113   | 58420    | 48.88    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 97.76%   |
| 50) Toluene-d8              | 10.058 | 98    | 233843   | 47.66    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 95.32%   |
| 62) 4-Bromofluorobenzene    | 12.373 | 95    | 83793    | 45.49    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 90.98%   |

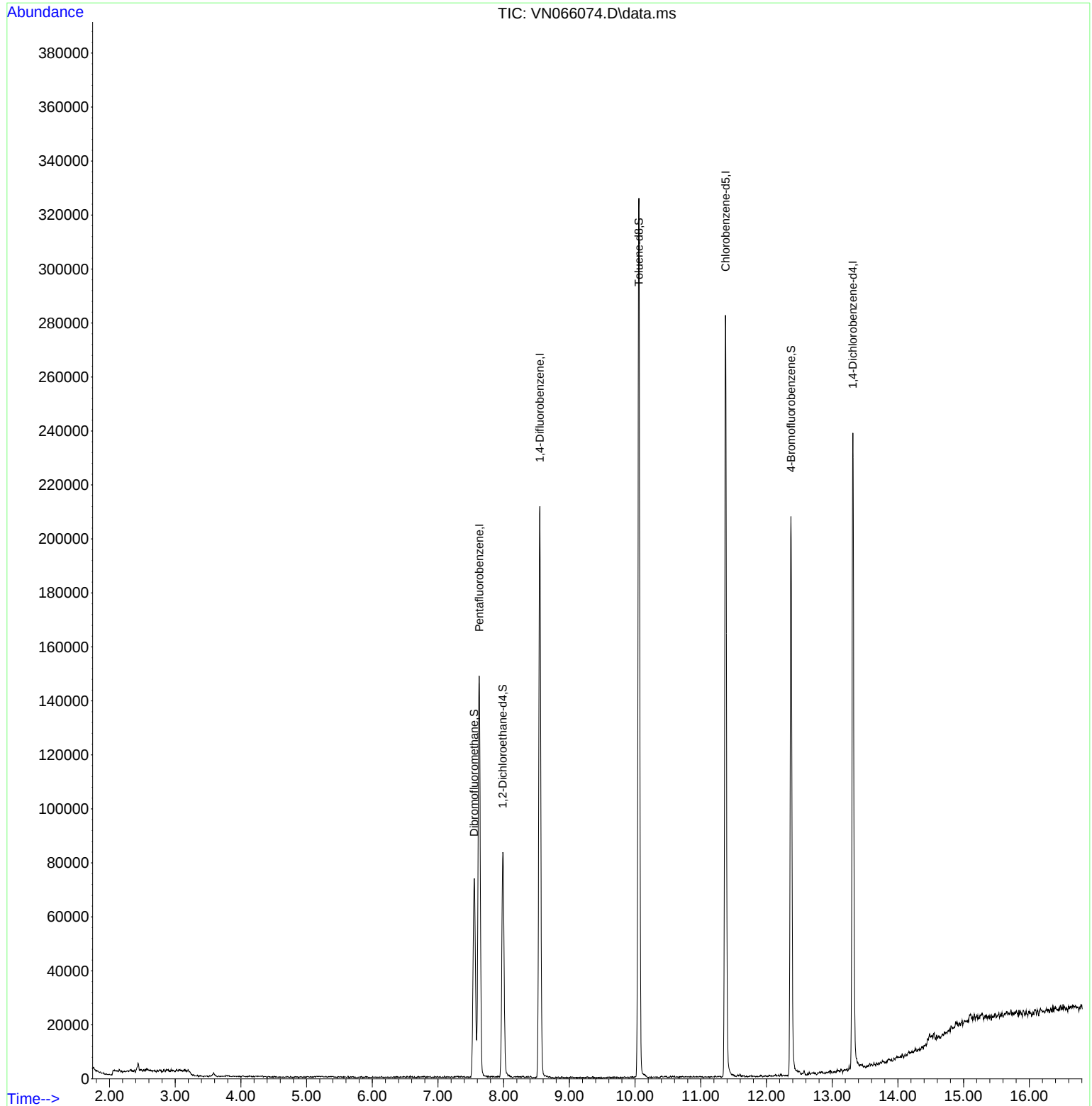
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

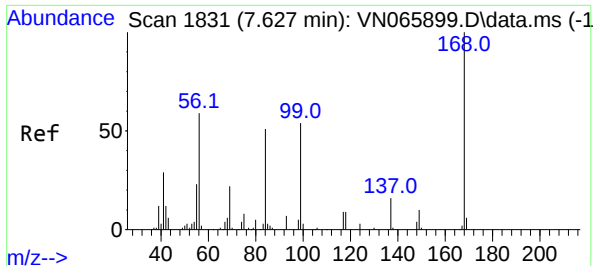
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

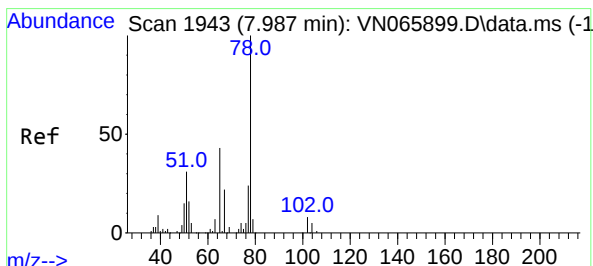
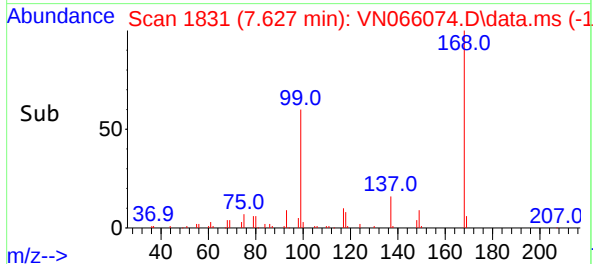
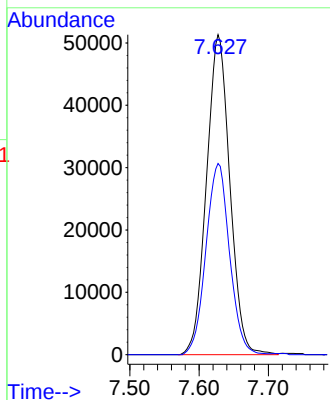
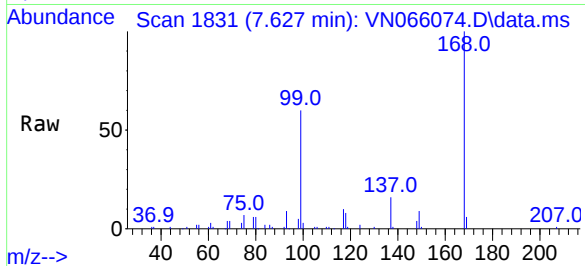




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.627 min Scan# 1831  
Delta R.T. 0.000 min  
Lab File: VN066074.D  
Acq: 1 Mar 2021 14:00

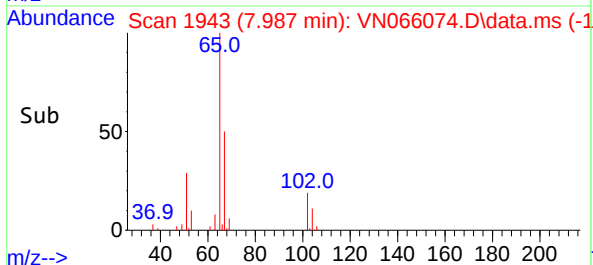
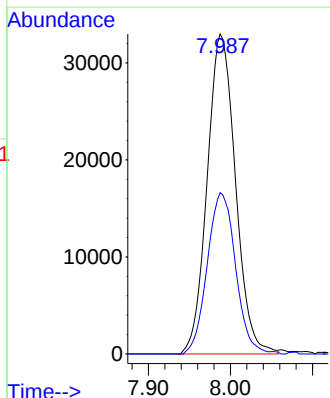
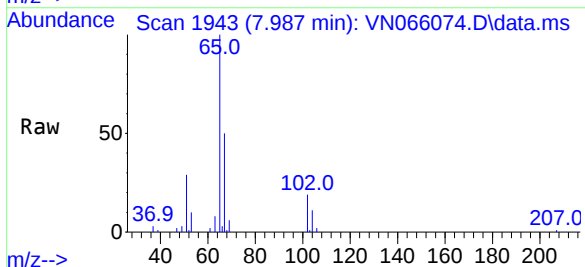
Instrument :  
MSVOA\_N  
ClientSampleId :  
TB-01-022621

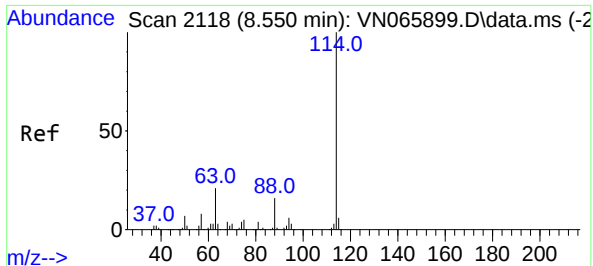
Tgt Ion:168 Resp: 120319  
Ion Ratio Lower Upper  
168 100  
99 59.8 42.6 63.8



#33  
1,2-Dichloroethane-d4  
Concen: 46.96 ug/l  
RT: 7.987 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN066074.D  
Acq: 1 Mar 2021 14:00

Tgt Ion: 65 Resp: 79009  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 107.2

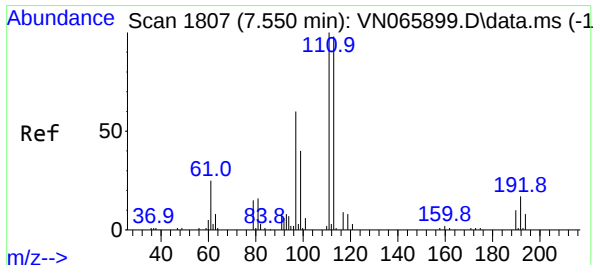
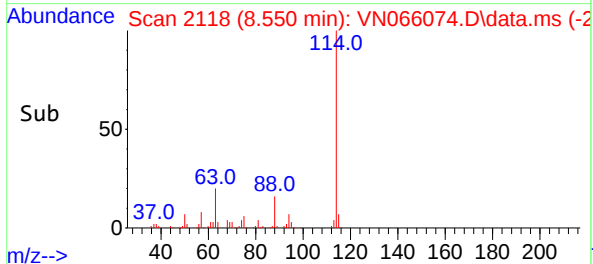
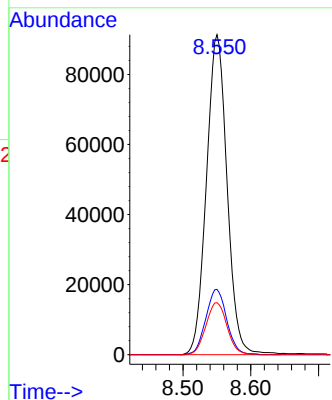
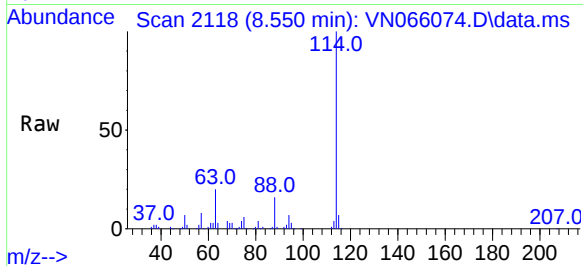




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.550 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: VN066074.D  
Acq: 1 Mar 2021 14:00

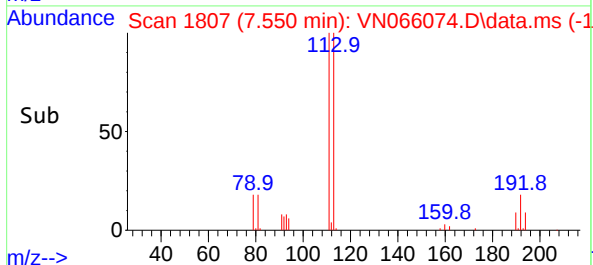
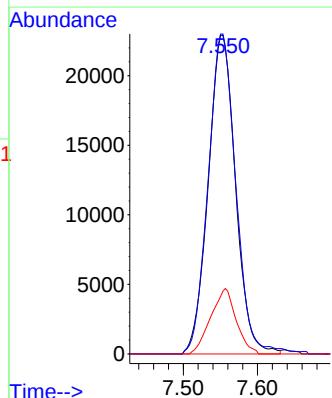
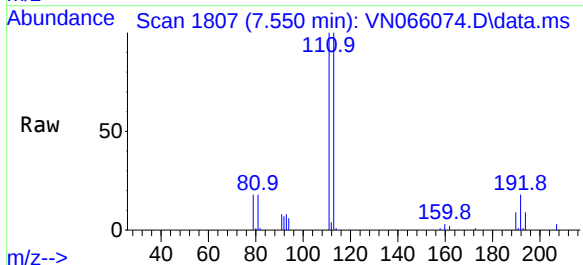
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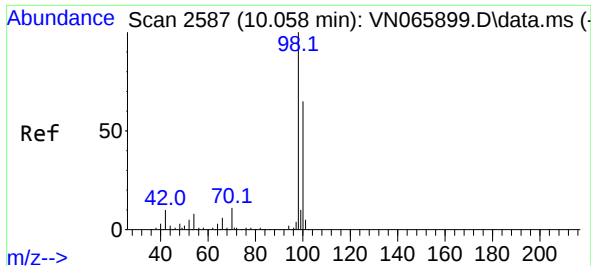
Tgt Ion:114 Resp: 193124  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 38.6  
88 16.2 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 48.88 ug/l  
RT: 7.550 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN066074.D  
Acq: 1 Mar 2021 14:00

Tgt Ion:113 Resp: 58420  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.2 123.2  
192 19.1 15.4 23.0

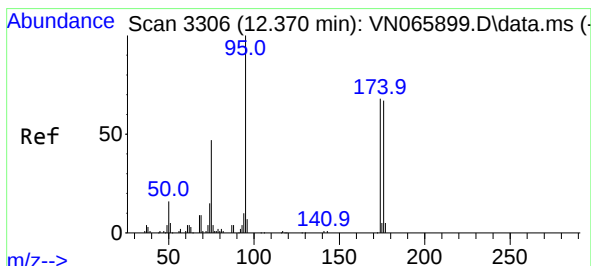
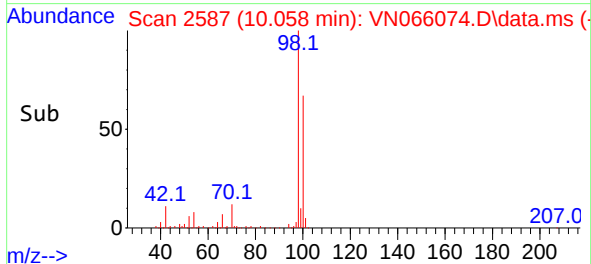
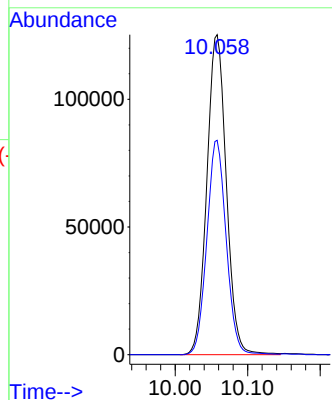
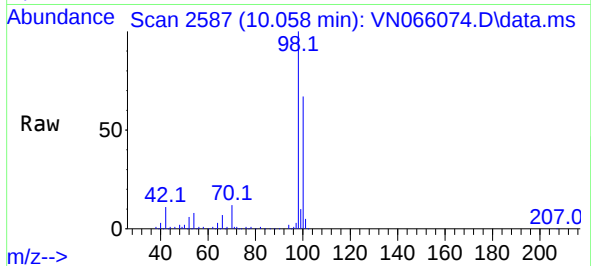




#50  
Toluene-d8  
Concen: 47.66 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN066074.D  
Acq: 1 Mar 2021 14:00

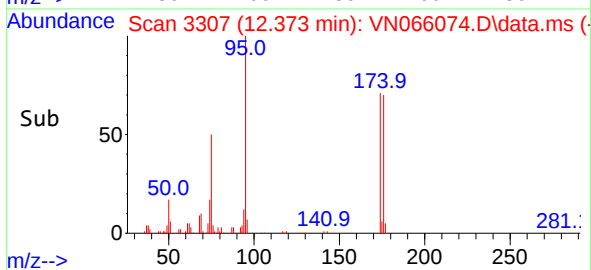
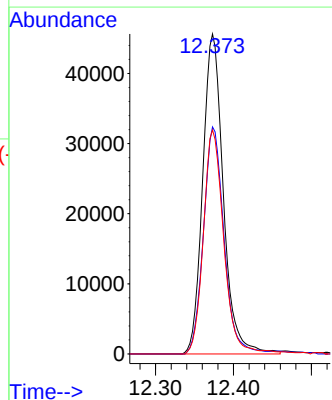
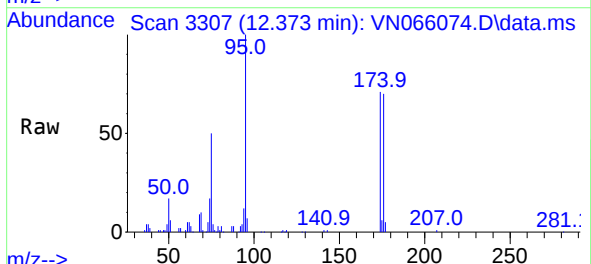
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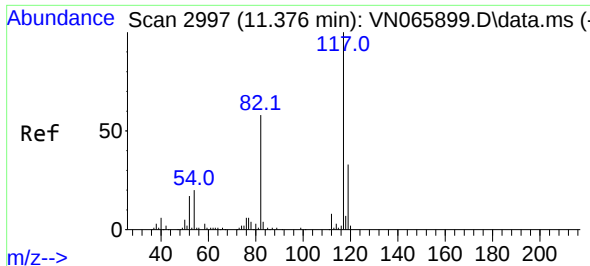
Tgt Ion: 98 Resp: 233843  
Ion Ratio Lower Upper  
98 100  
100 66.4 50.5 75.7



#62  
4-Bromofluorobenzene  
Concen: 45.49 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.003 min  
Lab File: VN066074.D  
Acq: 1 Mar 2021 14:00

Tgt Ion: 95 Resp: 83793  
Ion Ratio Lower Upper  
95 100  
174 70.6 0.0 169.0  
176 68.4 0.0 162.4

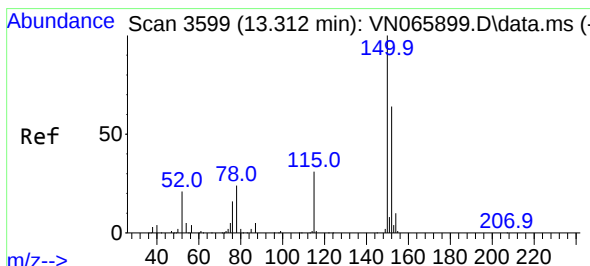
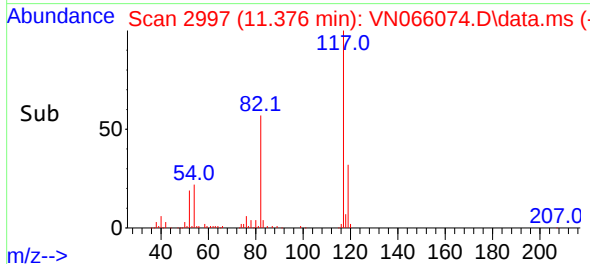
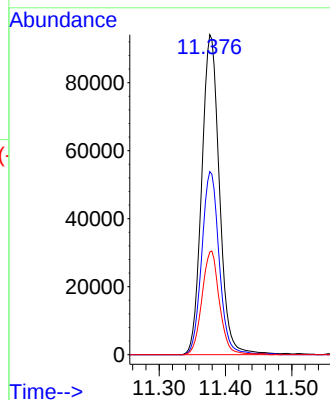
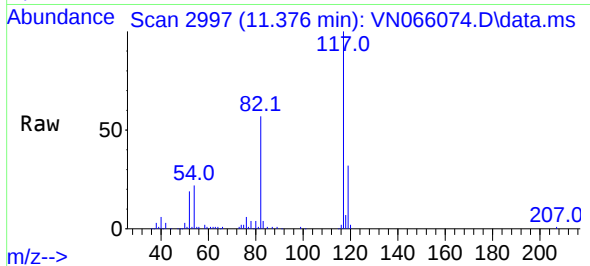




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN066074.D  
Acq: 1 Mar 2021 14:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 174598 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.2  | 43.7  | 65.5   |
| 119      | 32.1  | 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: VN066074.D  
Acq: 1 Mar 2021 14:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 70364 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 63.0  | 28.5  | 85.6  |
| 150      | 157.9 | 0.0   | 347.6 |

