

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030121\  
 Data File : VN066069.D  
 Acq On : 1 Mar 2021 11:27  
 Operator : JC/MD  
 Sample : VN0301MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0301MBL01

Quant Time: Mar 01 21:39:11 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       | 7.624  | 168   | 115531   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.547  | 114   | 184733   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.376 | 117   | 164687   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.315 | 152   | 63954    | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 7.987  | 65    | 76048    | 47.07    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 94.14%   |
| 35) Dibromofluoromethane    | 7.550  | 113   | 56763    | 49.65    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 99.30%   |
| 50) Toluene-d8              | 10.055 | 98    | 227573   | 48.49    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 96.98%   |
| 62) 4-Bromofluorobenzene    | 12.373 | 95    | 78053    | 44.30    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 88.60%   |

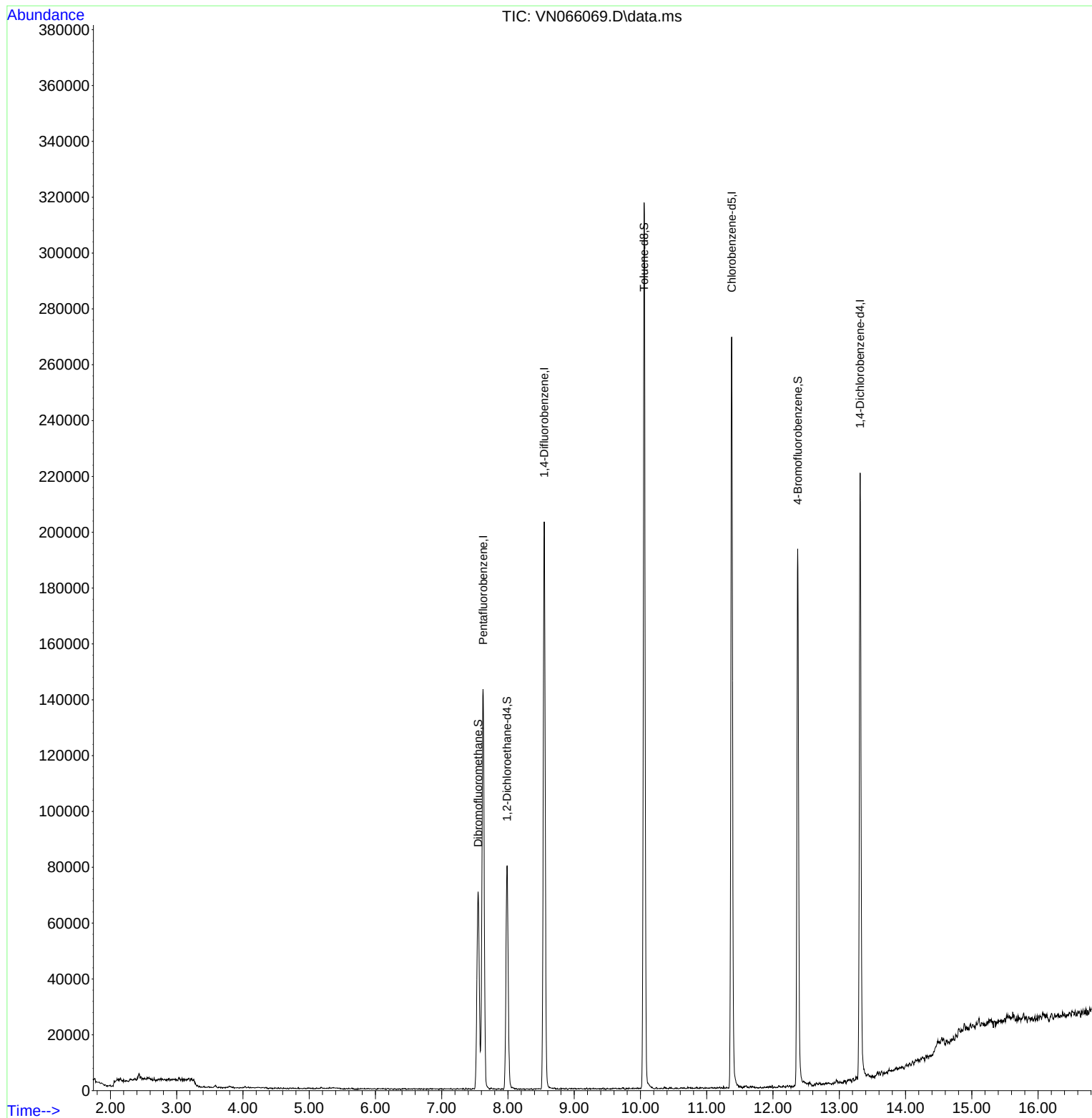
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

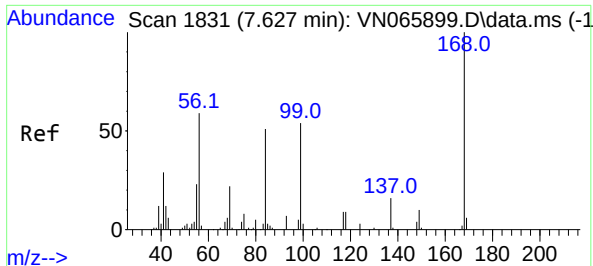
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030121\  
Data File : VN066069.D  
Acq On : 1 Mar 2021 11:27  
Operator : JC/MD  
Sample : VN0301MBL01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0301MBL01

Quant Time: Mar 01 21:39:11 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

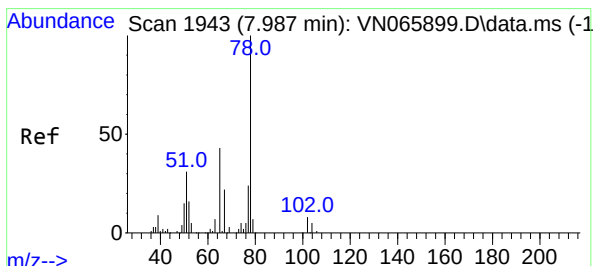
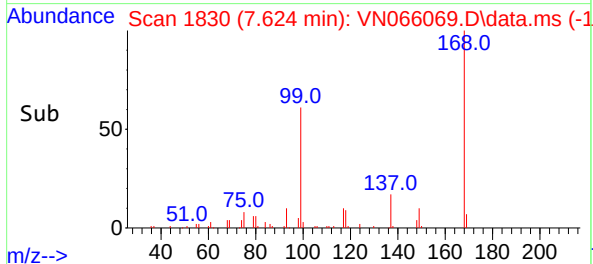
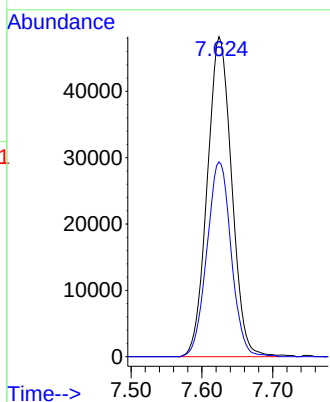
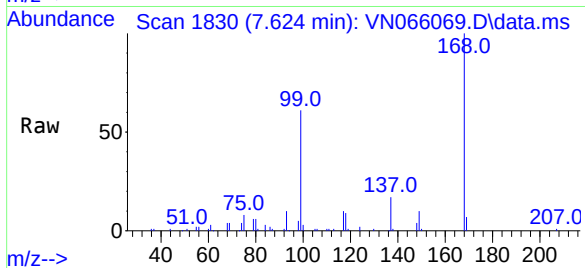




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. -0.003 min  
Lab File: VN066069.D  
Acq: 1 Mar 2021 11:27

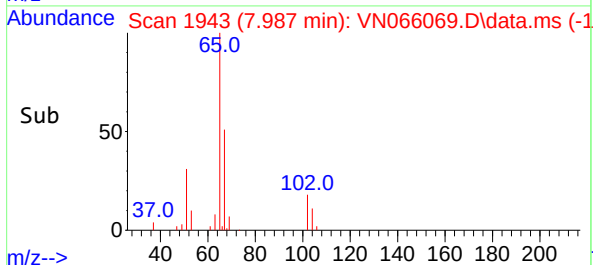
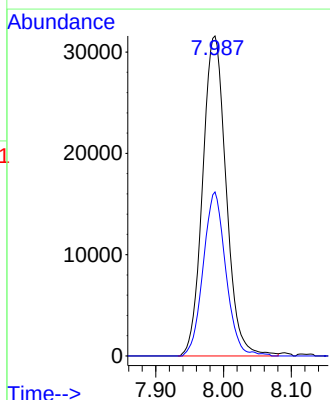
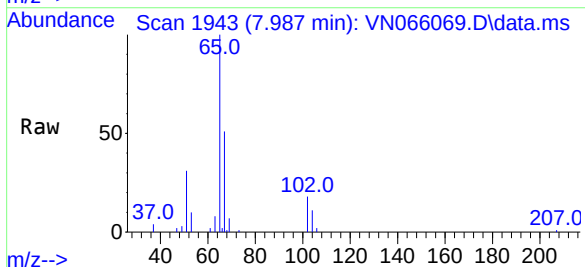
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0301MBL01

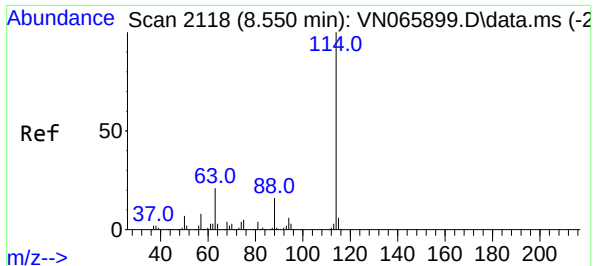
Tgt Ion:168 Resp: 115531  
Ion Ratio Lower Upper  
168 100  
99 60.8 42.6 63.8



#33  
1,2-Dichloroethane-d4  
Concen: 47.07 ug/l  
RT: 7.987 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN066069.D  
Acq: 1 Mar 2021 11:27

Tgt Ion: 65 Resp: 76048  
Ion Ratio Lower Upper  
65 100  
67 49.4 0.0 107.2

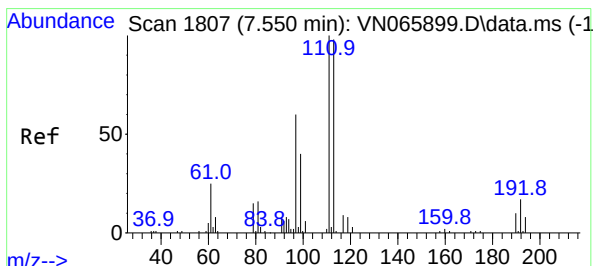
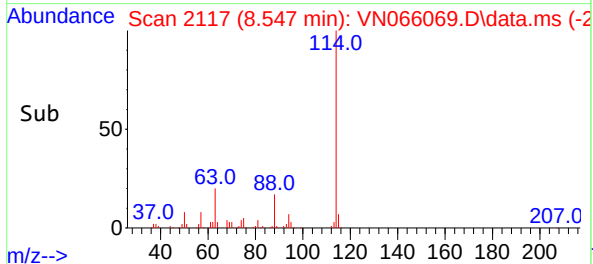
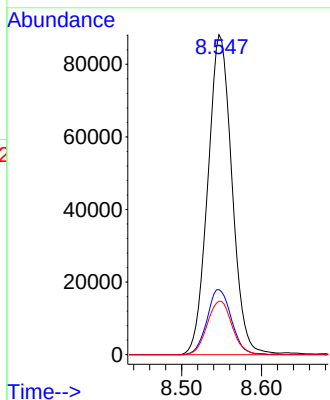
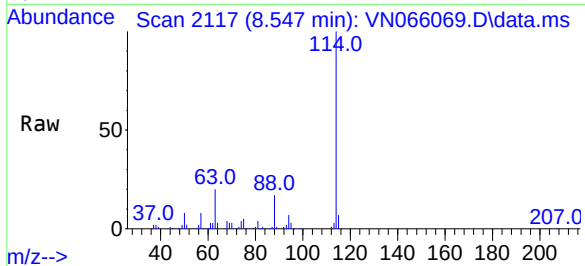




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.547 min Scan# 2117  
Delta R.T. -0.003 min  
Lab File: VN066069.D  
Acq: 1 Mar 2021 11:27

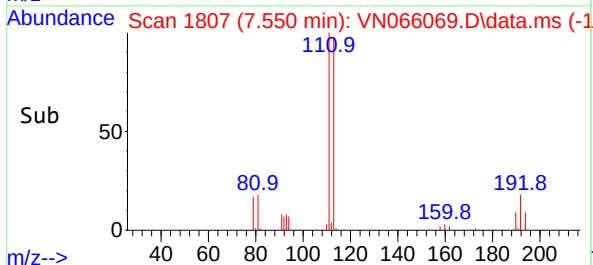
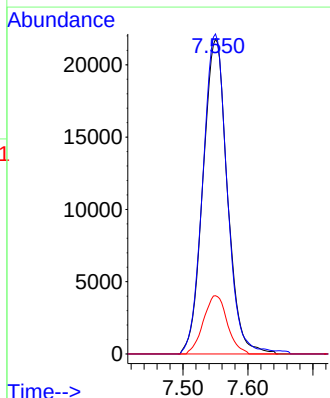
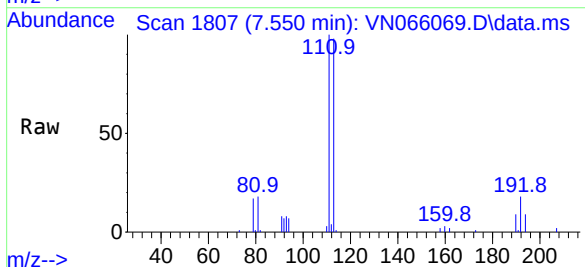
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0301MBL01

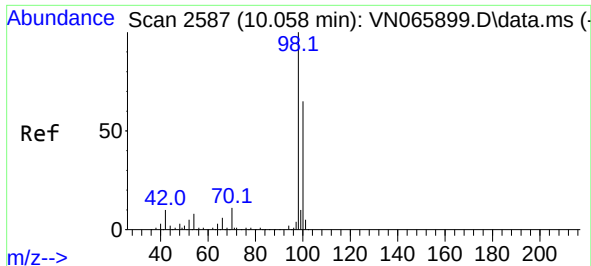
Tgt Ion:114 Resp: 184733  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 38.6  
88 16.7 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 49.65 ug/l  
RT: 7.550 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN066069.D  
Acq: 1 Mar 2021 11:27

Tgt Ion:113 Resp: 56763  
Ion Ratio Lower Upper  
113 100  
111 100.5 82.2 123.2  
192 18.2 15.4 23.0

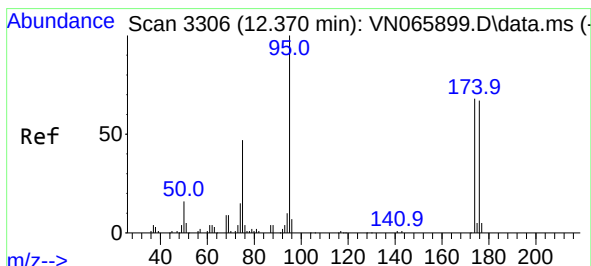
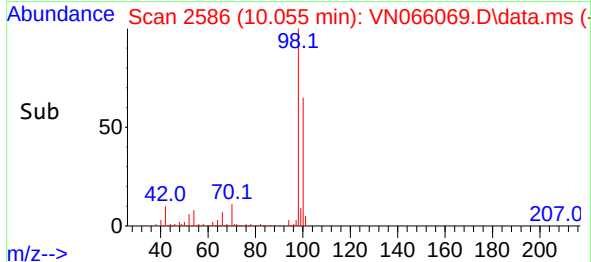
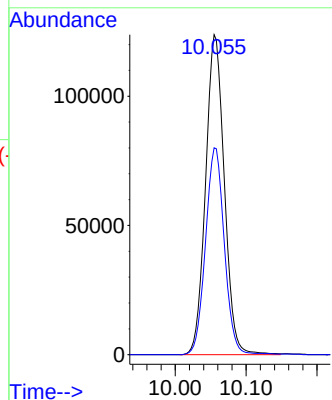
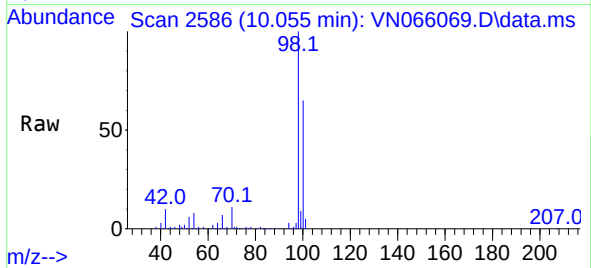




#50  
Toluene-d8  
Concen: 48.49 ug/l  
RT: 10.055 min Scan# 2586  
Delta R.T. -0.003 min  
Lab File: VN066069.D  
Acq: 1 Mar 2021 11:27

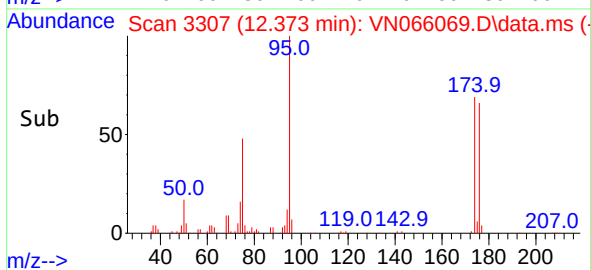
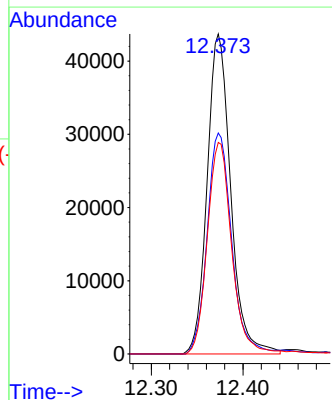
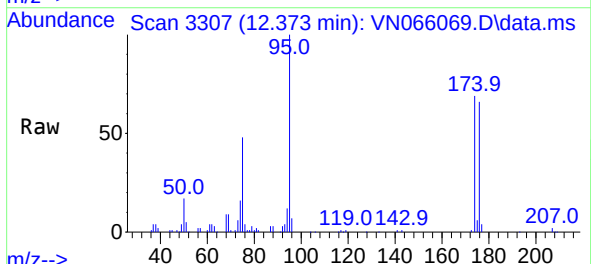
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0301MBL01

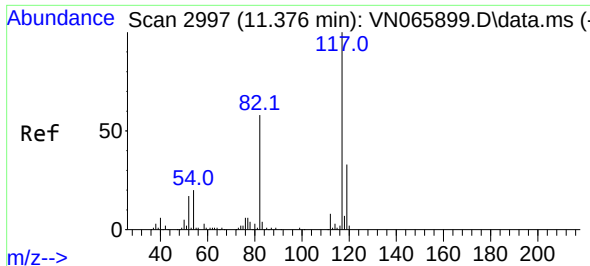
Tgt Ion: 98 Resp: 227573  
Ion Ratio Lower Upper  
98 100  
100 65.0 50.5 75.7



#62  
4-Bromofluorobenzene  
Concen: 44.30 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.003 min  
Lab File: VN066069.D  
Acq: 1 Mar 2021 11:27

Tgt Ion: 95 Resp: 78053  
Ion Ratio Lower Upper  
95 100  
174 71.6 0.0 169.0  
176 68.3 0.0 162.4

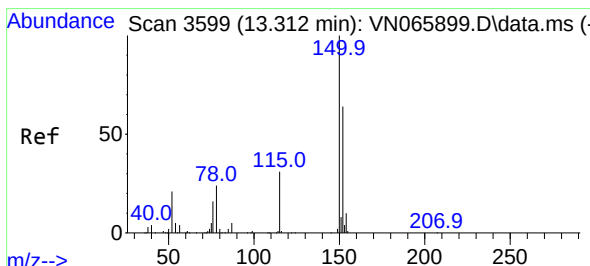
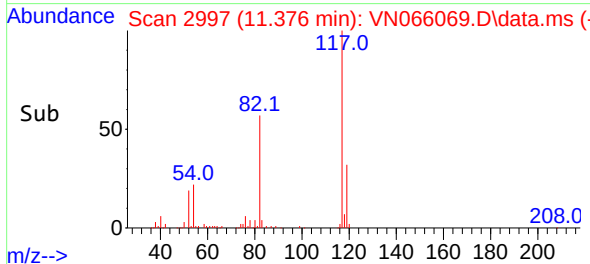
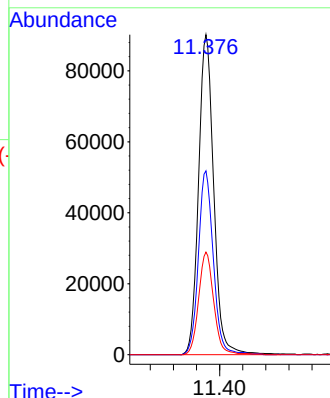
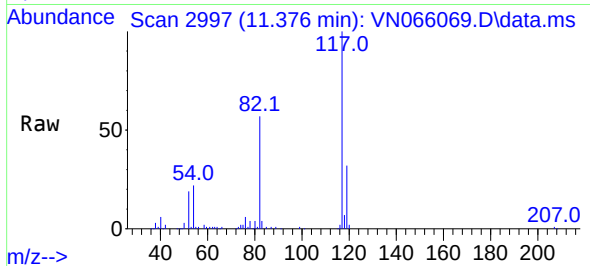




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN066069.D  
Acq: 1 Mar 2021 11:27

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0301MBL01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 164687 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.4  | 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: VN066069.D  
Acq: 1 Mar 2021 11:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 63954 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 62.3  | 28.5  | 85.6  |
| 150      | 157.7 | 0.0   | 347.6 |

