

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042921\  
 Data File : VN066880.D  
 Acq On : 29 Apr 2021 23:16  
 Operator : JC/MD  
 Sample : VN0429WBL02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0429WBL02

Quant Time: Apr 30 06:17:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 27 16:02:50 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.591  | 168   | 343987   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.519  | 114   | 520784   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.351 | 117   | 448369   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.293 | 152   | 177476   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 7.953  | 65    | 203043   | 45.94    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 91.88%   |
| 35) Dibromofluoromethane    | 7.513  | 113   | 182964   | 56.91    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 113.82%  |
| 50) Toluene-d8              | 10.032 | 98    | 664167   | 52.64    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 105.28%  |
| 62) 4-Bromofluorobenzene    | 12.349 | 95    | 185643   | 43.48    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 86.96%   |

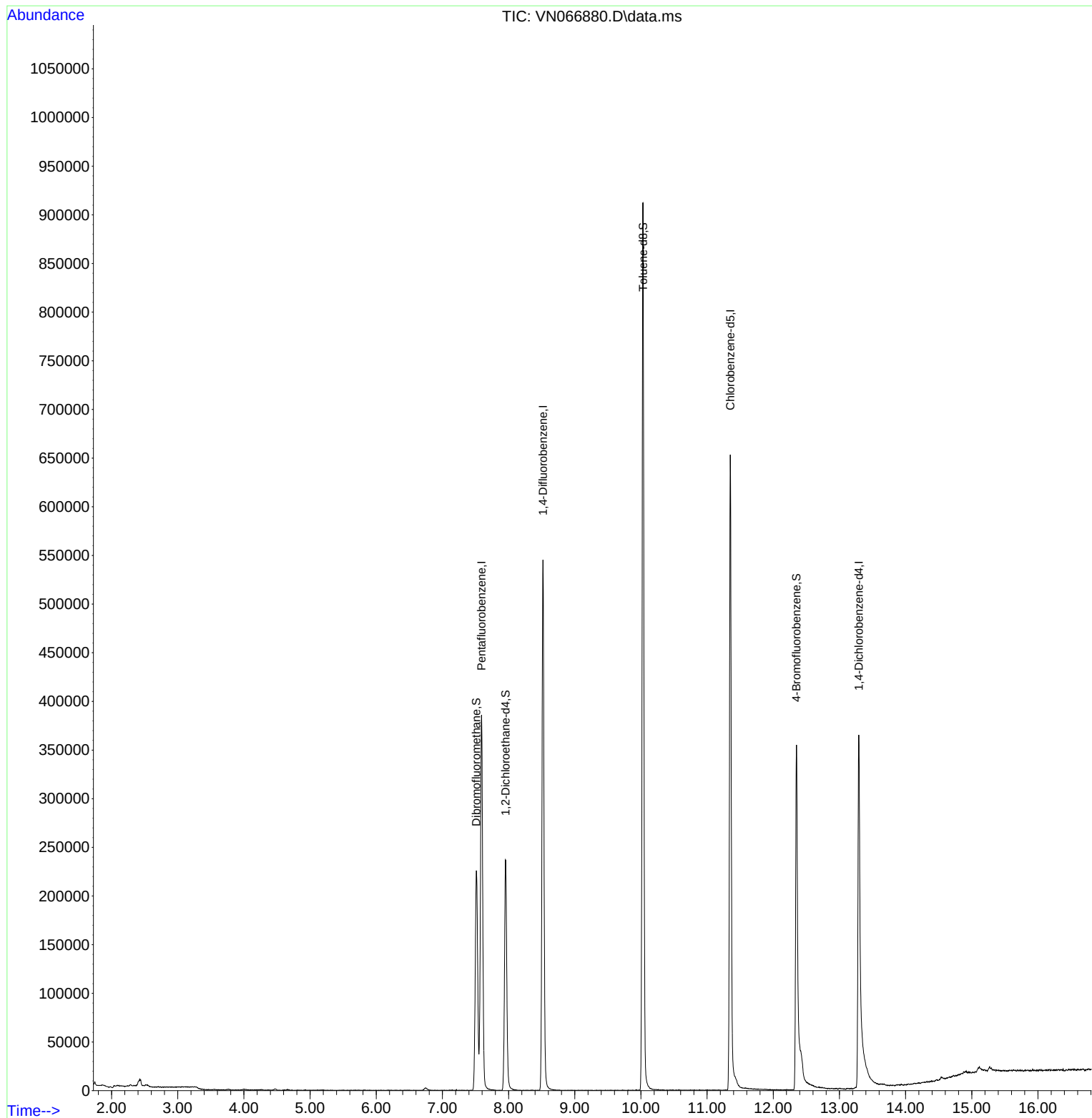
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

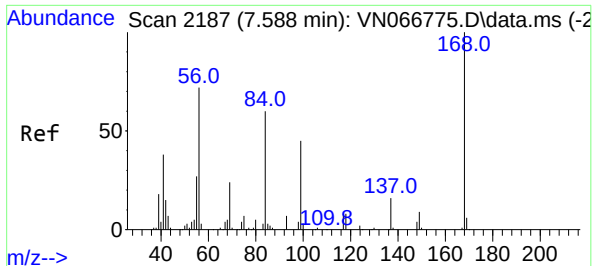
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042721W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

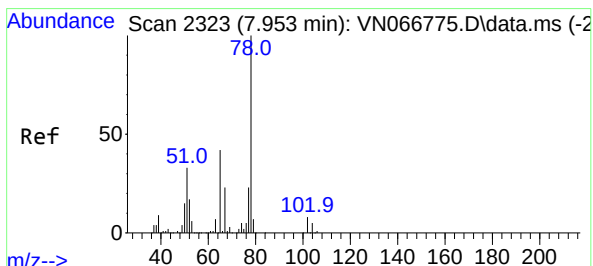
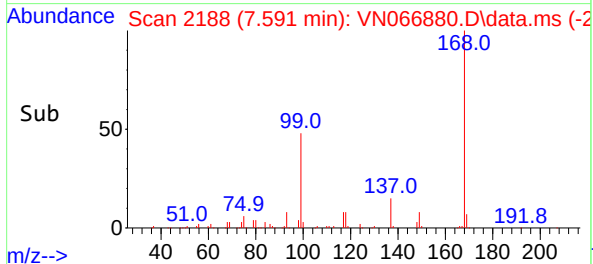
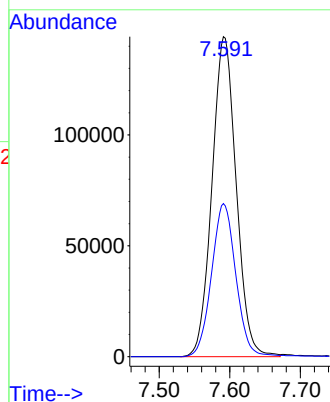
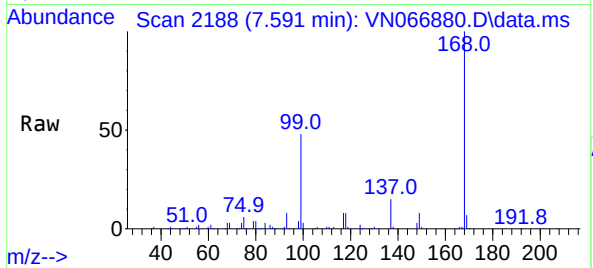




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.591 min Scan# 2188  
Delta R.T. 0.003 min  
Lab File: VN066880.D  
Acq: 29 Apr 2021 23:16

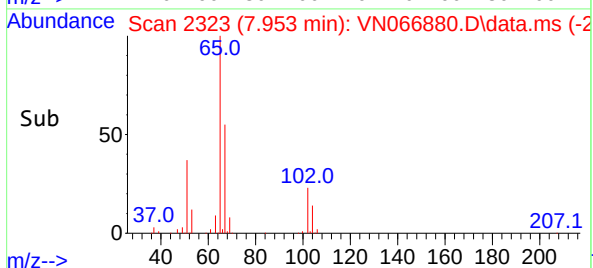
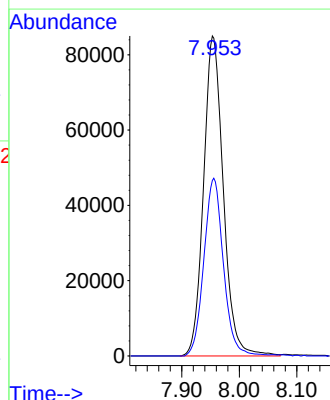
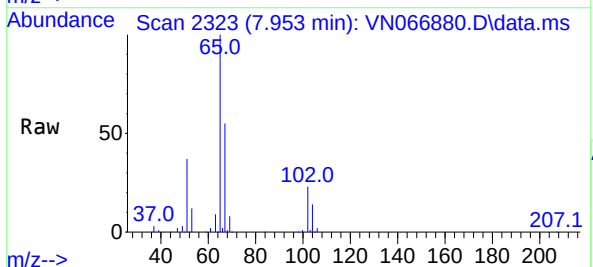
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0429WBL02

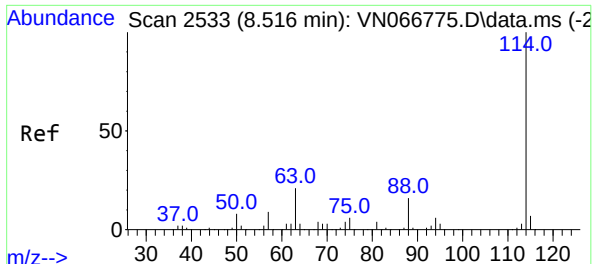
Tgt Ion:168 Resp: 343987  
Ion Ratio Lower Upper  
168 100  
99 47.8 42.6 63.8



#33  
1,2-Dichloroethane-d4  
Concen: 45.94 ug/l  
RT: 7.953 min Scan# 2323  
Delta R.T. 0.000 min  
Lab File: VN066880.D  
Acq: 29 Apr 2021 23:16

Tgt Ion: 65 Resp: 203043  
Ion Ratio Lower Upper  
65 100  
67 55.0 0.0 107.2



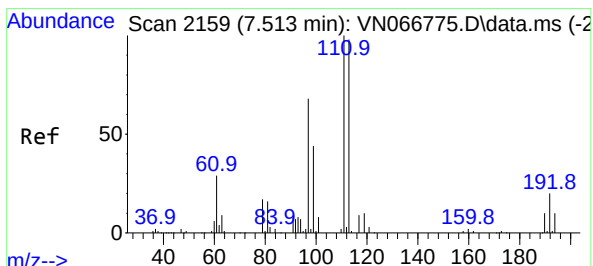
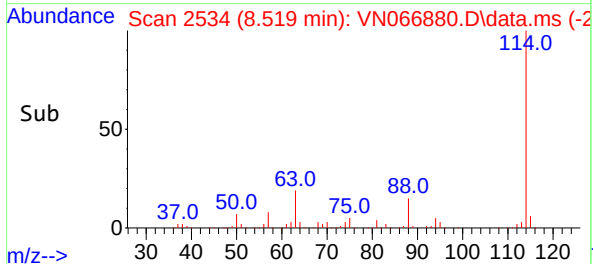
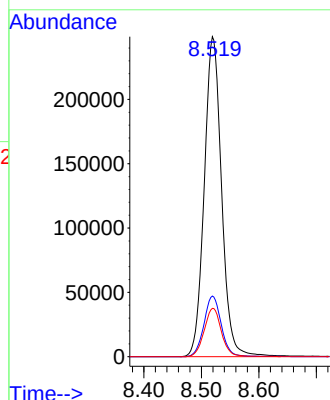
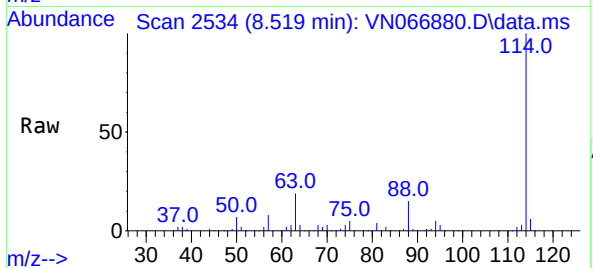


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.519 min Scan# 2534  
Delta R.T. 0.003 min  
Lab File: VN066880.D  
Acq: 29 Apr 2021 23:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0429WBL02

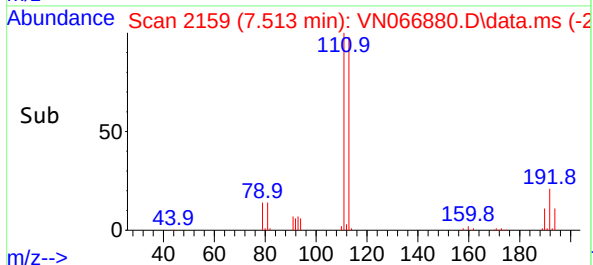
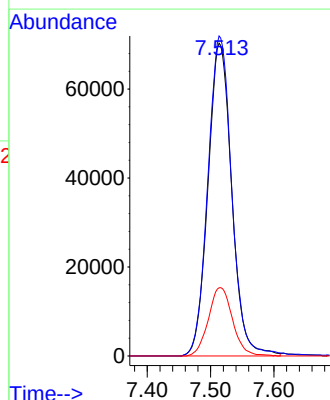
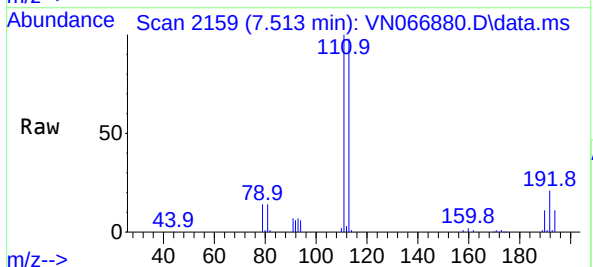
Tgt Ion:114 Resp: 520784  
Ion Ratio Lower Upper  
114 100  
63 18.9 0.0 38.6  
88 15.1 0.0 30.6

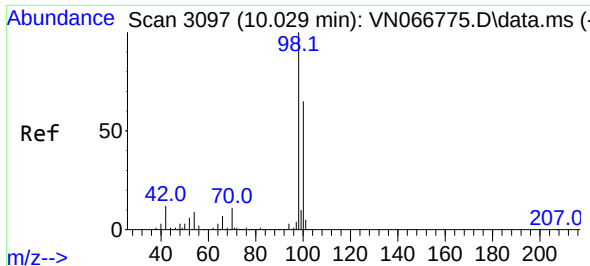


#35

Dibromofluoromethane  
Concen: 56.91 ug/l  
RT: 7.513 min Scan# 2159  
Delta R.T. 0.000 min  
Lab File: VN066880.D  
Acq: 29 Apr 2021 23:16

Tgt Ion:113 Resp: 182964  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.2 123.2  
192 22.3 15.4 23.0

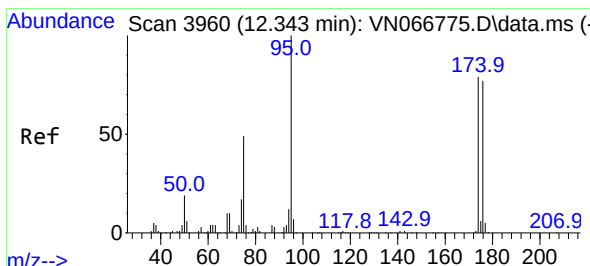
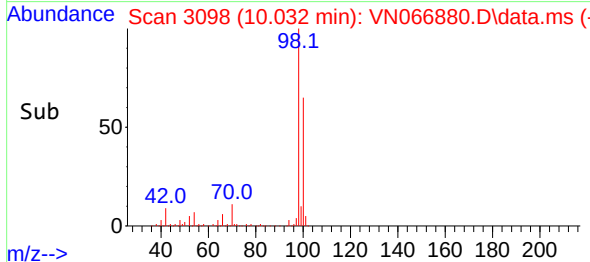
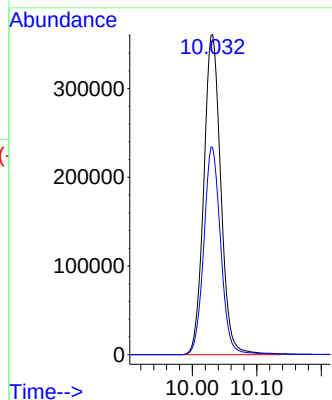
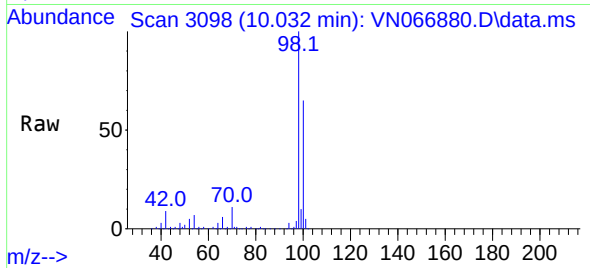




#50  
Toluene-d8  
Concen: 52.64 ug/l  
RT: 10.032 min Scan# 3098  
Delta R.T. 0.003 min  
Lab File: VN066880.D  
Acq: 29 Apr 2021 23:16

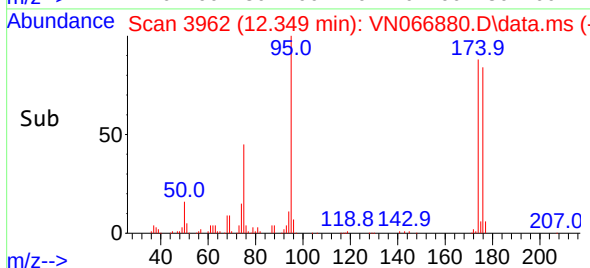
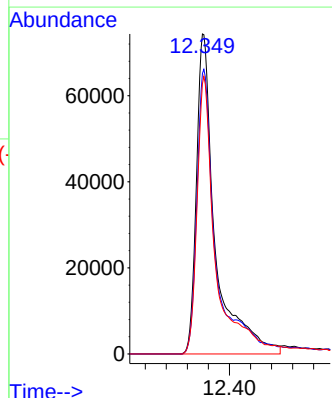
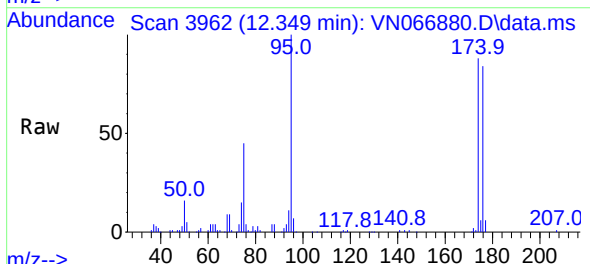
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0429WBL02

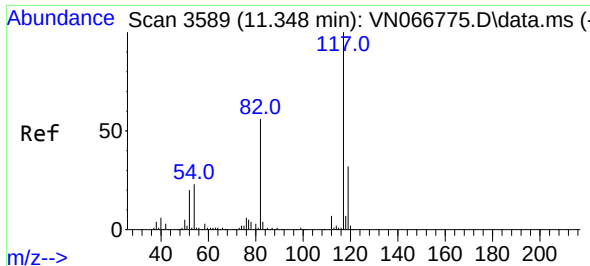
Tgt Ion: 98 Resp: 664167  
Ion Ratio Lower Upper  
98 100  
100 64.3 50.5 75.7



#62  
4-Bromofluorobenzene  
Concen: 43.48 ug/l  
RT: 12.349 min Scan# 3962  
Delta R.T. 0.006 min  
Lab File: VN066880.D  
Acq: 29 Apr 2021 23:16

Tgt Ion: 95 Resp: 185643  
Ion Ratio Lower Upper  
95 100  
174 77.1 0.0 169.0  
176 83.9 0.0 162.4

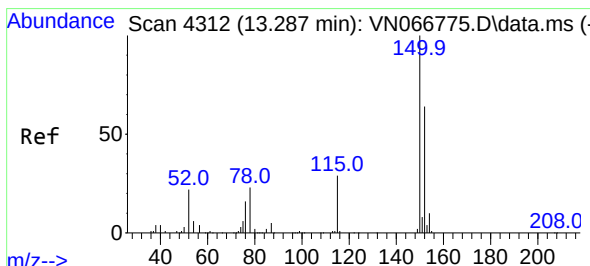
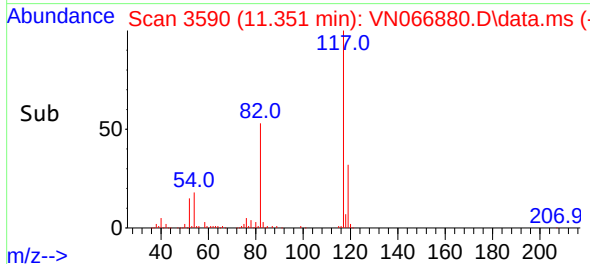
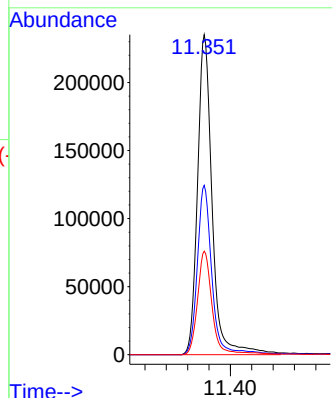
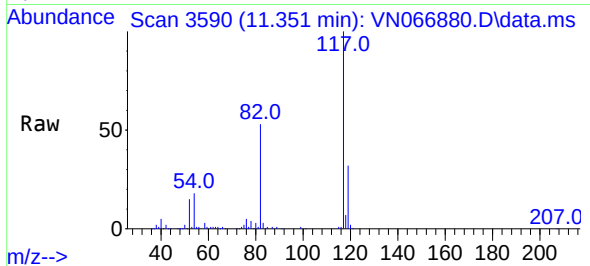




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.351 min Scan# 3590  
Delta R.T. 0.003 min  
Lab File: VN066880.D  
Acq: 29 Apr 2021 23:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0429WBL02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 448369 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 52.9  | 43.7  | 65.5   |
| 119      | 32.4  | 26.1  | 39.1   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.293 min Scan# 4314  
Delta R.T. 0.005 min  
Lab File: VN066880.D  
Acq: 29 Apr 2021 23:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 177476 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 49.6  | 28.5  | 85.6   |
| 150      | 155.6 | 0.0   | 347.6  |

