

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031621\  
 Data File : VN066224.D  
 Acq On : 16 Mar 2021 20:34  
 Operator : JC/MD  
 Sample : M1687-38 50X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AUD-1049-1051

Quant Time: Mar 17 05:25:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031621W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 17 05:05:15 2021  
 Response via : Initial Calibration

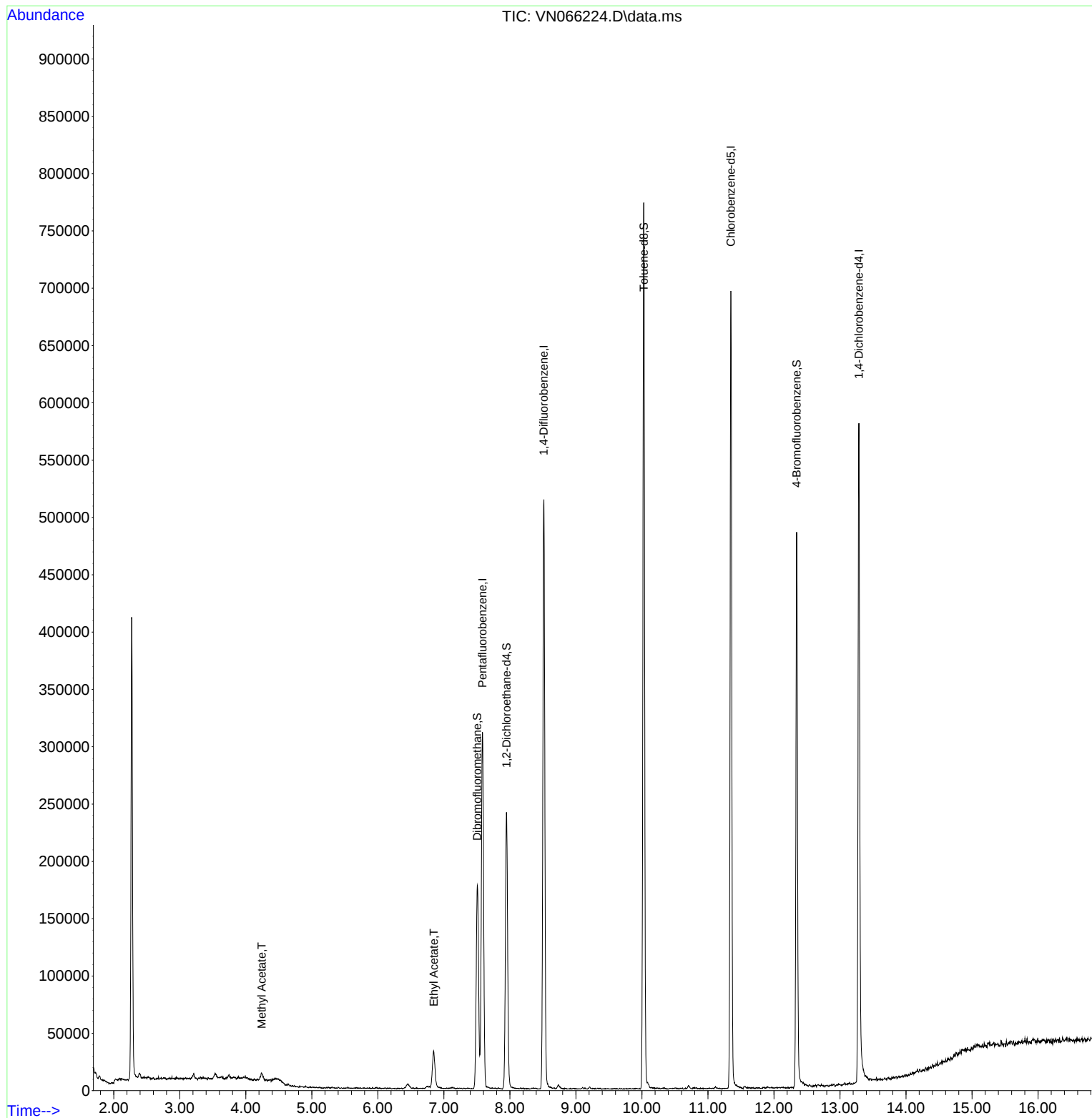
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.585  | 168   | 253673   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.515  | 114   | 414761   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.347 | 117   | 384881   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.286 | 152   | 161967   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.949  | 65    | 209482   | 57.32    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 114.64%  |
| 35) Dibromofluoromethane    | 7.507  | 113   | 136940   | 51.75    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 103.50%  |
| 50) Toluene-d8              | 10.028 | 98    | 504683   | 49.33    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 98.66%   |
| 62) 4-Bromofluorobenzene    | 12.345 | 95    | 162335   | 44.02    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 88.04%   |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 18) Methyl Acetate          | 4.240  | 43    | 11318    | 2.30     | ug/l # | 82       |
| 37) Ethyl Acetate           | 6.847  | 43    | 58297    | 9.71     | ug/l # | 88       |
| -----                       |        |       |          |          |        |          |

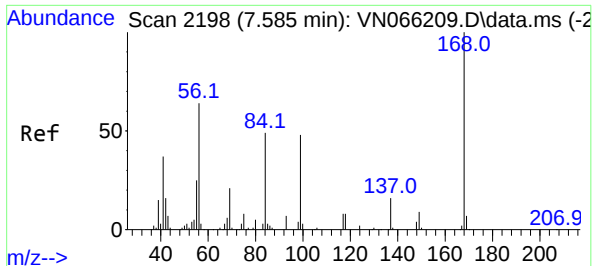
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Mar 17 05:05:15 2021  
Response via : Initial Calibration

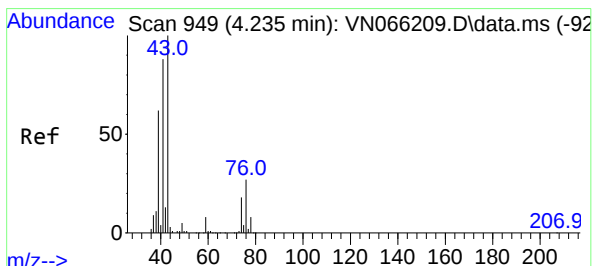
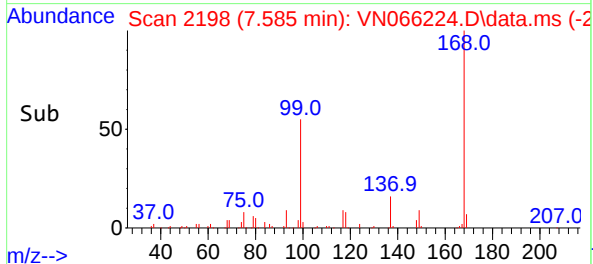
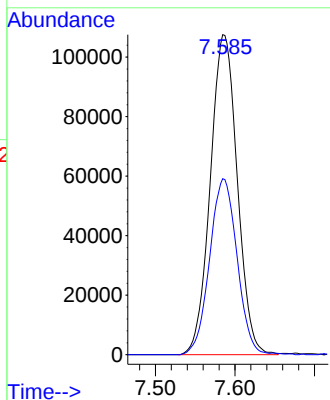
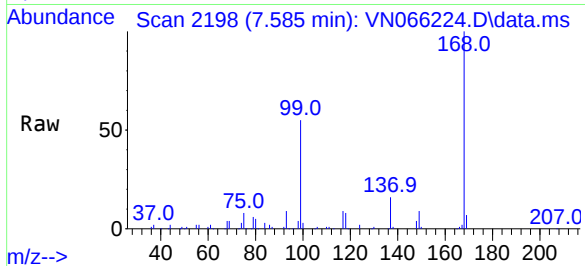




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.585 min Scan# 2198  
Delta R.T. -0.000 min  
Lab File: VN066224.D  
Acq: 16 Mar 2021 20:34

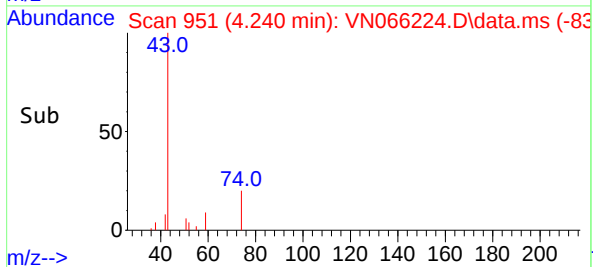
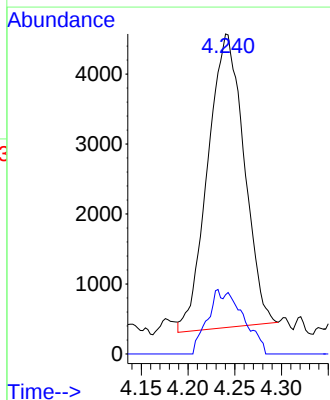
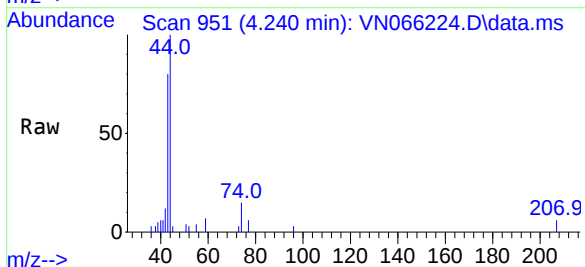
Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1049-1051

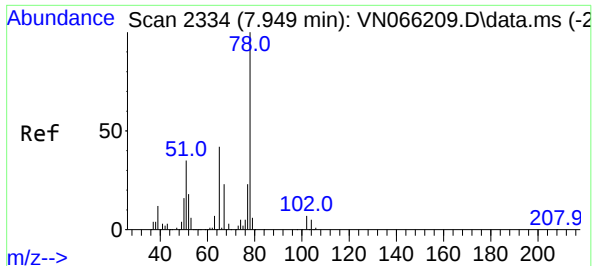
Tgt Ion:168 Resp: 253673  
Ion Ratio Lower Upper  
168 100  
99 55.0 45.4 68.0



#18  
Methyl Acetate  
Concen: 2.30 ug/l  
RT: 4.240 min Scan# 951  
Delta R.T. 0.005 min  
Lab File: VN066224.D  
Acq: 16 Mar 2021 20:34

Tgt Ion: 43 Resp: 11318  
Ion Ratio Lower Upper  
43 100  
74 9.6 14.2 21.2#



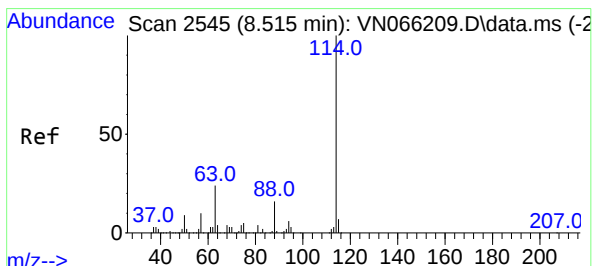
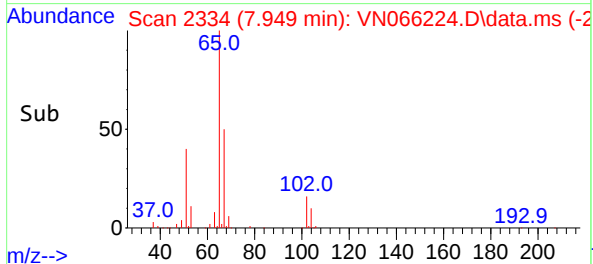
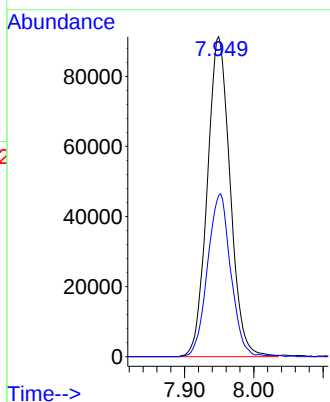
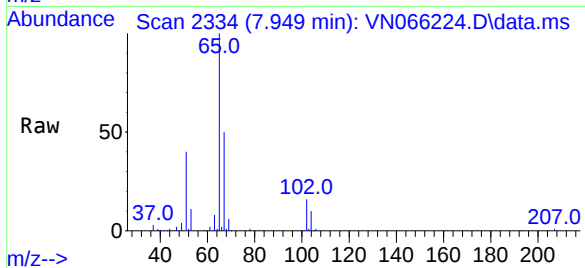


#33

1,2-Dichloroethane-d4  
Concen: 57.32 ug/l  
RT: 7.949 min Scan# 2334  
Delta R.T. 0.000 min  
Lab File: VN066224.D  
Acq: 16 Mar 2021 20:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1049-1051

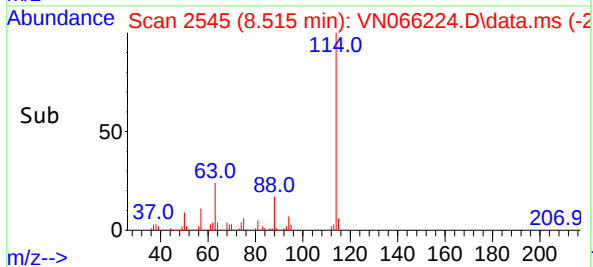
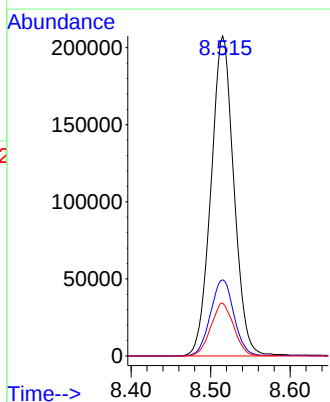
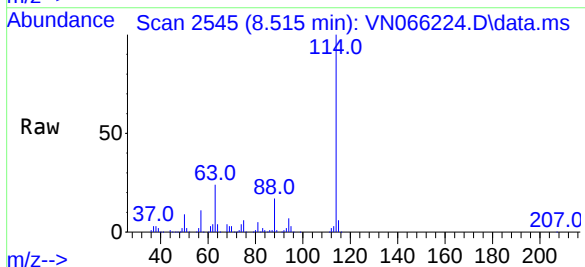
Tgt Ion: 65 Resp: 209482  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 107.2

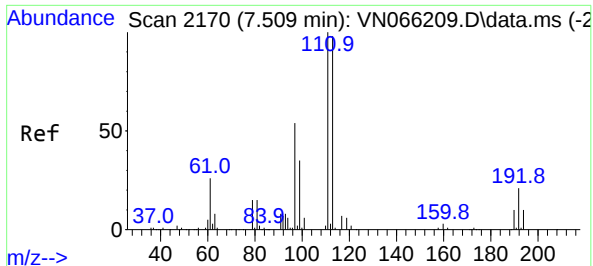


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.515 min Scan# 2545  
Delta R.T. 0.000 min  
Lab File: VN066224.D  
Acq: 16 Mar 2021 20:34

Tgt Ion: 114 Resp: 414761  
Ion Ratio Lower Upper  
114 100  
63 23.8 0.0 49.2  
88 16.5 0.0 33.8

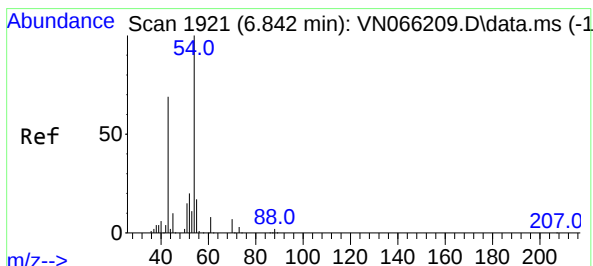
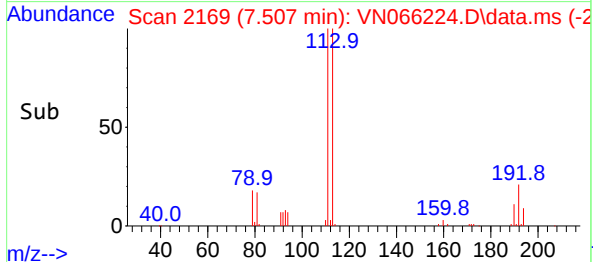
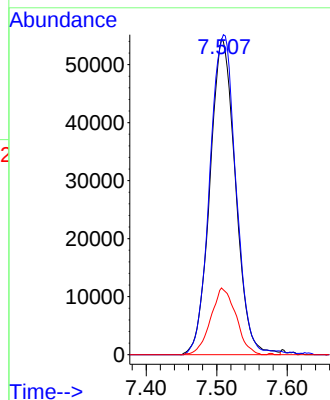
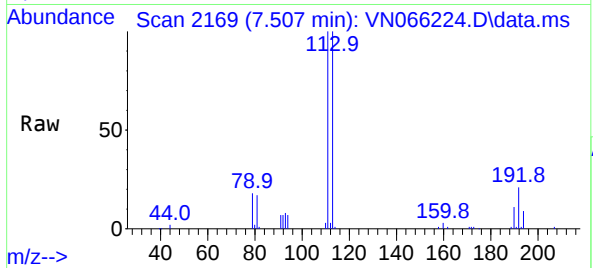




#35  
Dibromofluoromethane  
Concen: 51.75 ug/l  
RT: 7.507 min Scan# 2169  
Delta R.T. -0.002 min  
Lab File: VN066224.D  
Acq: 16 Mar 2021 20:34

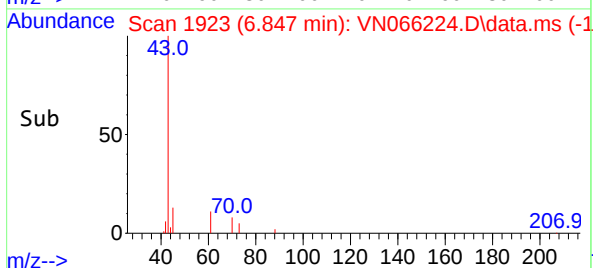
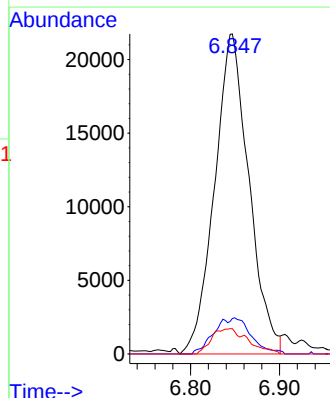
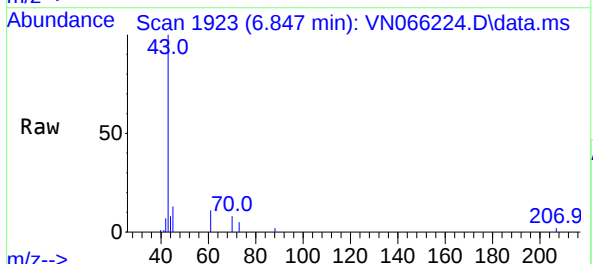
Instrument :  
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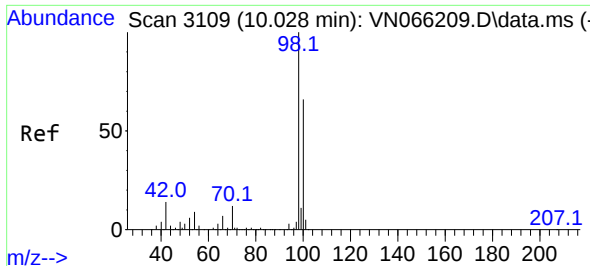
Tgt Ion:113 Resp: 136940  
Ion Ratio Lower Upper  
113 100  
111 103.4 84.0 126.0  
192 21.0 16.7 25.1



#37  
Ethyl Acetate  
Concen: 9.71 ug/l  
RT: 6.847 min Scan# 1923  
Delta R.T. 0.005 min  
Lab File: VN066224.D  
Acq: 16 Mar 2021 20:34

Tgt Ion: 43 Resp: 58297  
Ion Ratio Lower Upper  
43 100  
61 5.1 9.2 13.8#  
70 5.9 6.1 9.1#

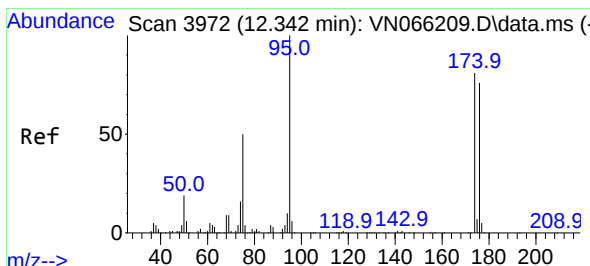
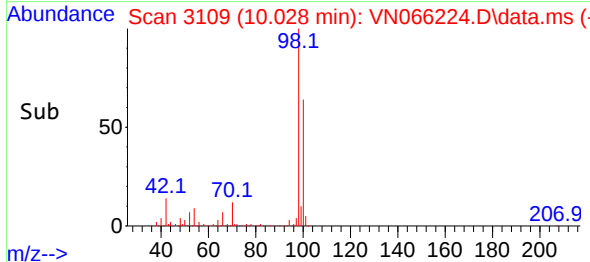
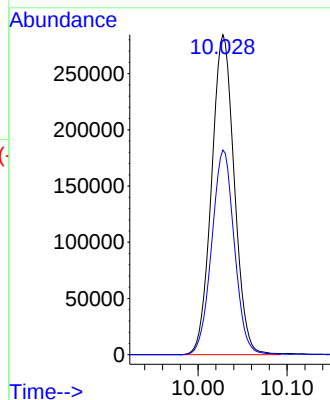
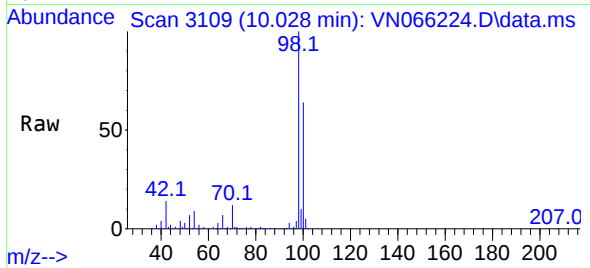




#50  
Toluene-d8  
Concen: 49.33 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN066224.D  
Acq: 16 Mar 2021 20:34

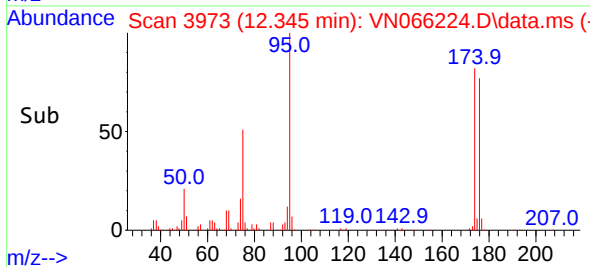
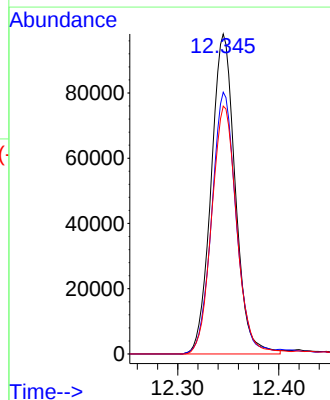
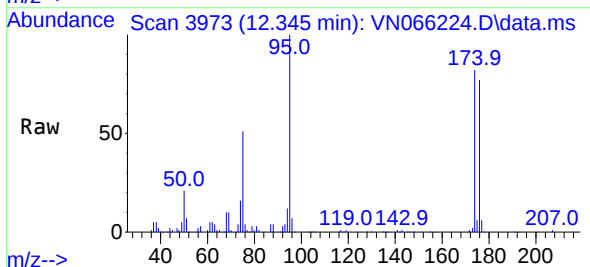
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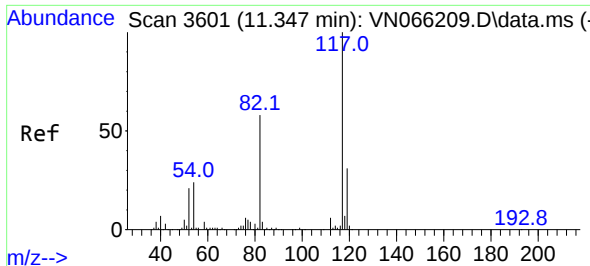
Tgt Ion: 98 Resp: 504683  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.0 76.6



#62  
4-Bromofluorobenzene  
Concen: 44.02 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. 0.003 min  
Lab File: VN066224.D  
Acq: 16 Mar 2021 20:34

Tgt Ion: 95 Resp: 162335  
Ion Ratio Lower Upper  
95 100  
174 82.5 0.0 162.4  
176 80.5 0.0 156.2

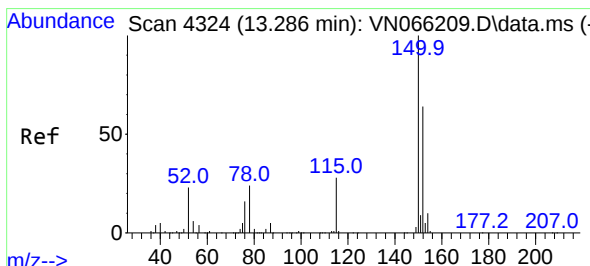
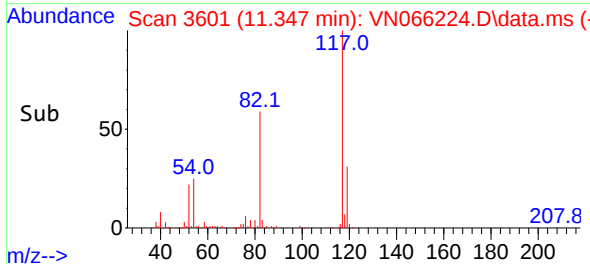
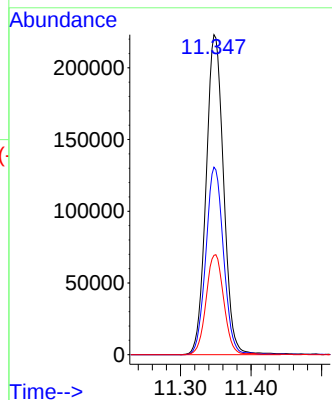
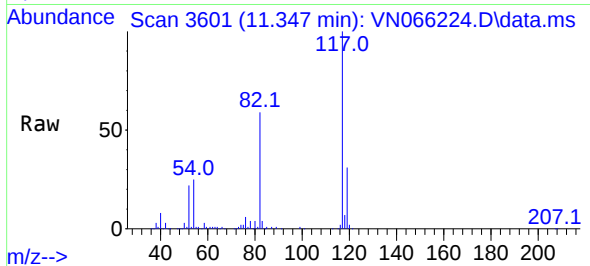




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.347 min Scan# 3601  
Delta R.T. 0.000 min  
Lab File: VN066224.D  
Acq: 16 Mar 2021 20:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
AUD-1049-1051

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 384881 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 58.6  | 49.0  | 73.6   |
| 119      | 31.1  | 25.7  | 38.5   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.286 min Scan# 4324  
Delta R.T. 0.000 min  
Lab File: VN066224.D  
Acq: 16 Mar 2021 20:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 161967 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 60.5  | 29.4  | 88.3   |
| 150      | 159.0 | 0.0   | 352.2  |

