

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031621\  
 Data File : VN066222.D  
 Acq On : 16 Mar 2021 19:48  
 Operator : JC/MD  
 Sample : M1687-29 50X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 AUD-1031-1032

Quant Time: Mar 17 05:25:09 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       | 7.587  | 168   | 249722   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.515  | 114   | 411391   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.347 | 117   | 366043   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.286 | 152   | 161873   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 7.949  | 65    | 203312   | 56.51    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 113.02%  |
| 35) Dibromofluoromethane    | 7.509  | 113   | 136730   | 52.10    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 104.20%  |
| 50) Toluene-d8              | 10.028 | 98    | 488786   | 48.17    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 96.34%   |
| 62) 4-Bromofluorobenzene    | 12.345 | 95    | 153703   | 42.02    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 84.04%   |

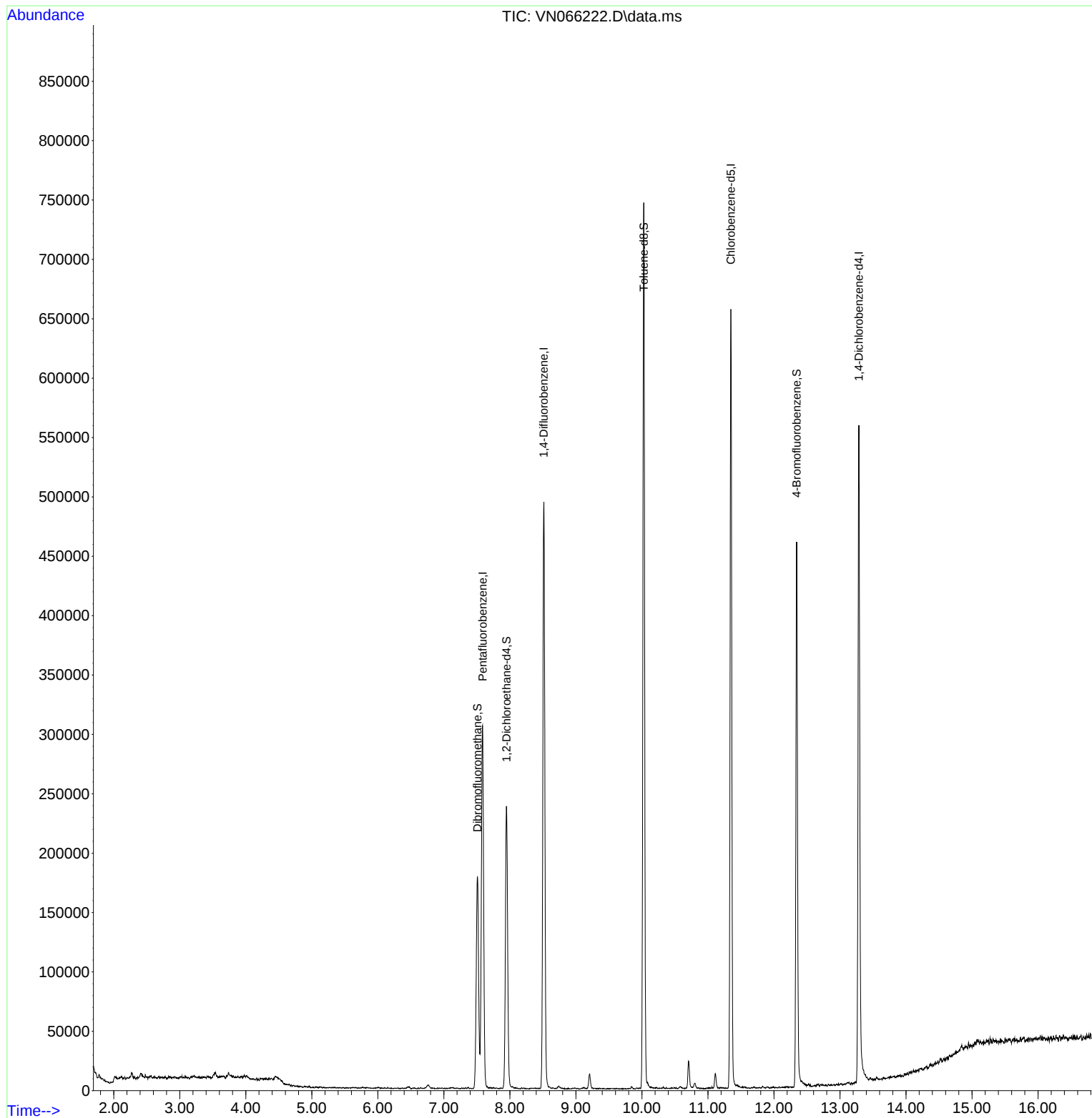
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

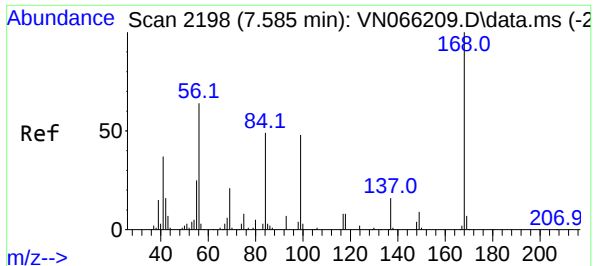
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

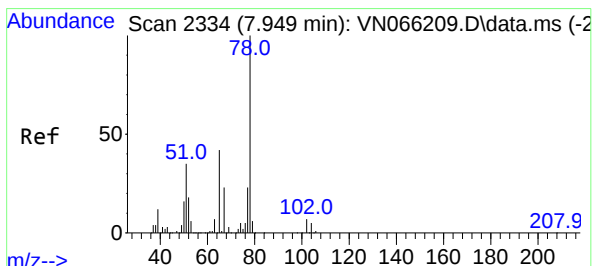
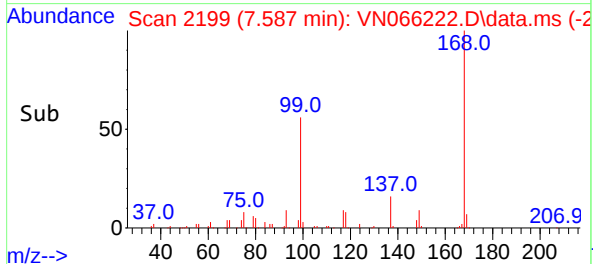
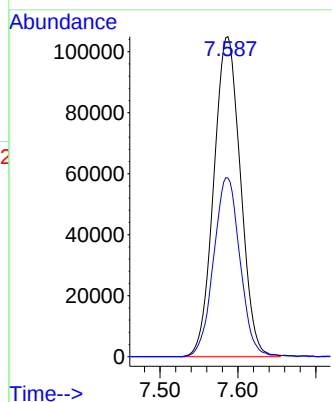
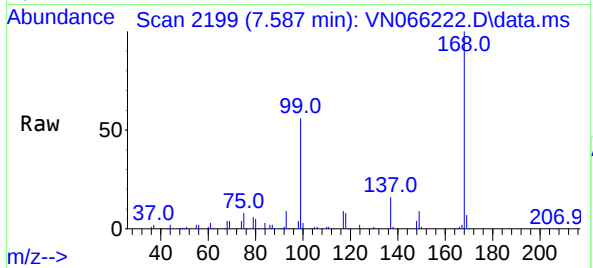




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.587 min Scan# 2199  
Delta R.T. 0.002 min  
Lab File: VN066222.D  
Acq: 16 Mar 2021 19:48

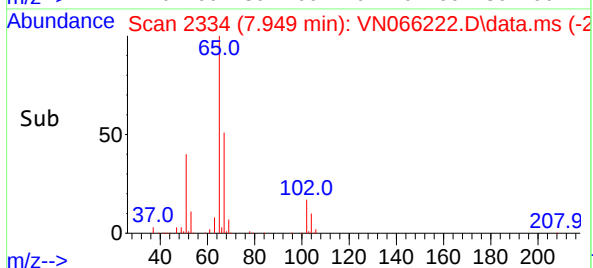
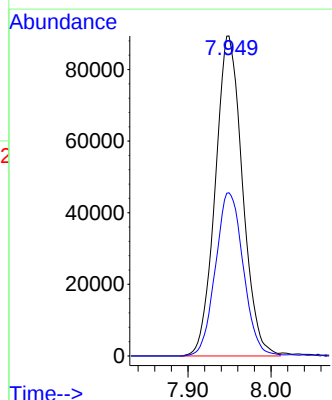
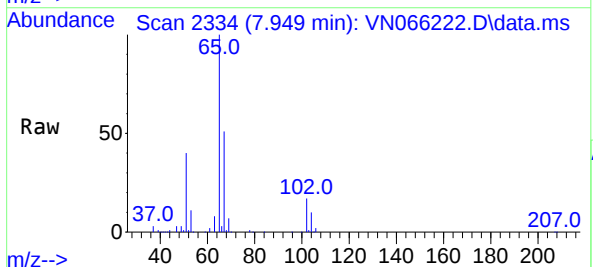
Instrument :  
MSVOA\_N  
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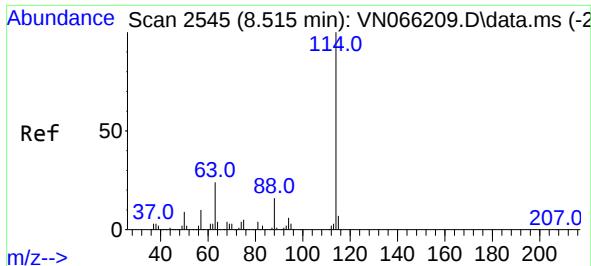
Tgt Ion:168 Resp: 249722  
Ion Ratio Lower Upper  
168 100  
99 55.8 45.4 68.0



#33  
1,2-Dichloroethane-d4  
Concen: 56.51 ug/l  
RT: 7.949 min Scan# 2334  
Delta R.T. 0.000 min  
Lab File: VN066222.D  
Acq: 16 Mar 2021 19:48

Tgt Ion: 65 Resp: 203312  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 107.2

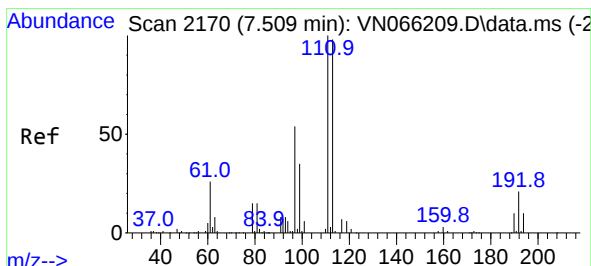
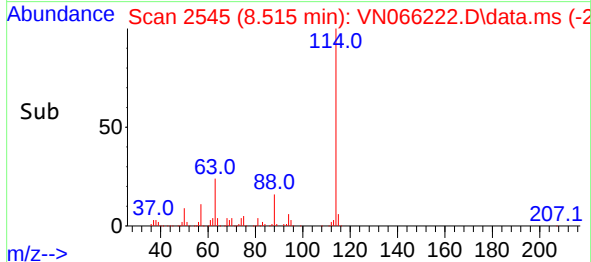
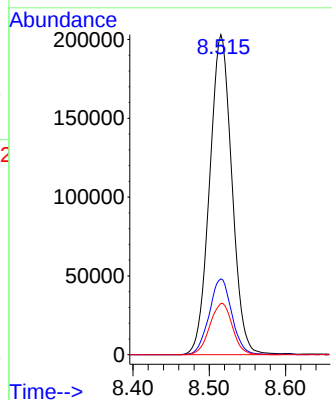
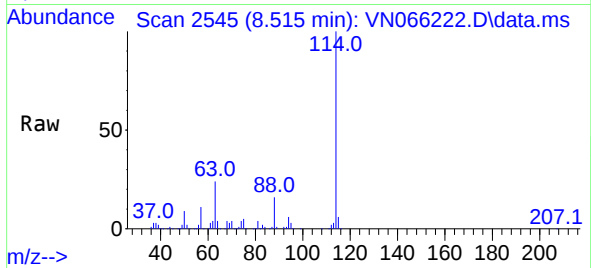




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.515 min Scan# 2545  
Delta R.T. 0.000 min  
Lab File: VN066222.D  
Acq: 16 Mar 2021 19:48

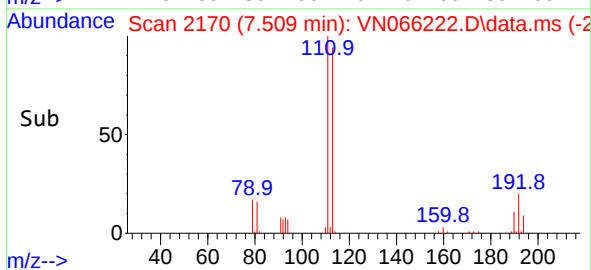
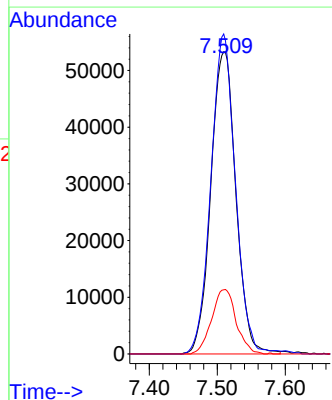
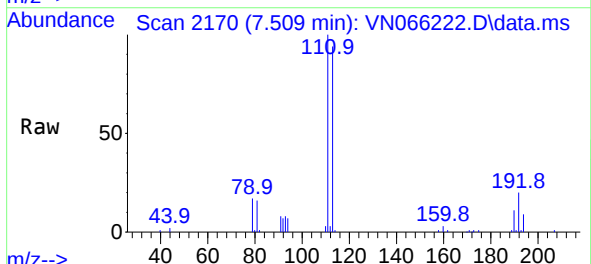
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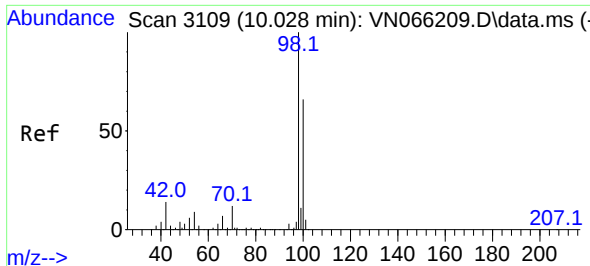
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 411391 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 23.7  | 0.0   | 49.2   |
| 88       | 16.0  | 0.0   | 33.8   |



#35  
Dibromofluoromethane  
Concen: 52.10 ug/l  
RT: 7.509 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VN066222.D  
Acq: 16 Mar 2021 19:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 136730 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 103.0 | 84.0  | 126.0  |
| 192      | 20.8  | 16.7  | 25.1   |

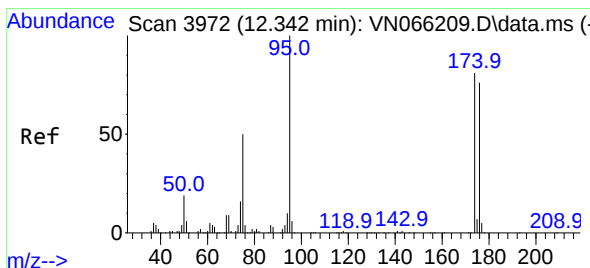
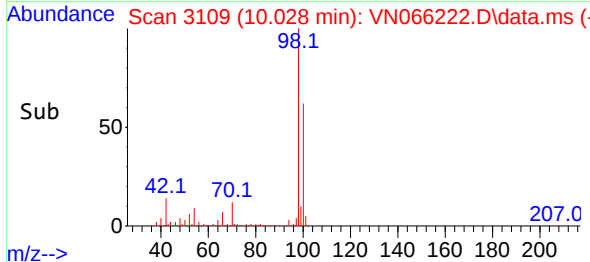
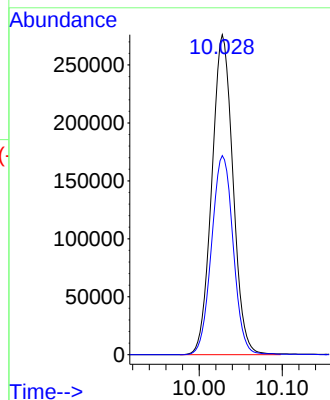
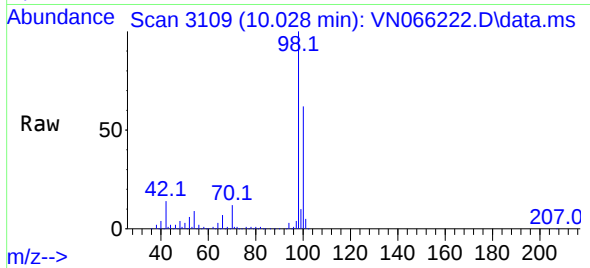




#50  
Toluene-d8  
Concen: 48.17 ug/l  
RT: 10.028 min Scan# 3109  
Delta R.T. -0.000 min  
Lab File: VN066222.D  
Acq: 16 Mar 2021 19:48

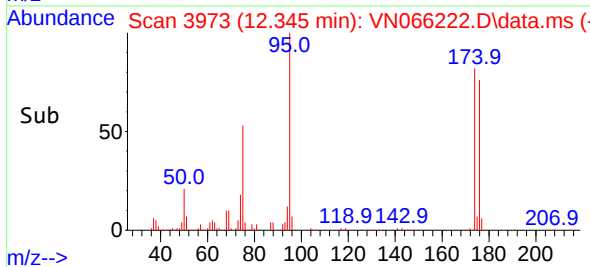
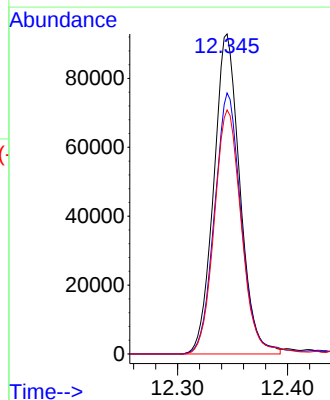
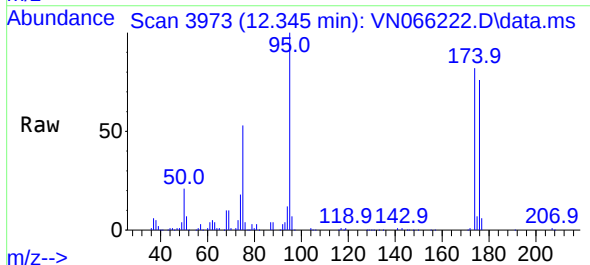
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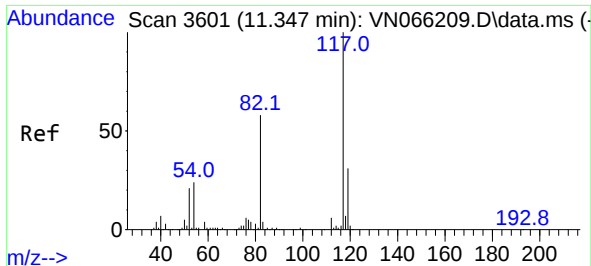
Tgt Ion: 98 Resp: 488786  
Ion Ratio Lower Upper  
98 100  
100 63.5 51.0 76.6



#62  
4-Bromofluorobenzene  
Concen: 42.02 ug/l  
RT: 12.345 min Scan# 3973  
Delta R.T. 0.003 min  
Lab File: VN066222.D  
Acq: 16 Mar 2021 19:48

Tgt Ion: 95 Resp: 153703  
Ion Ratio Lower Upper  
95 100  
174 83.7 0.0 162.4  
176 79.3 0.0 156.2

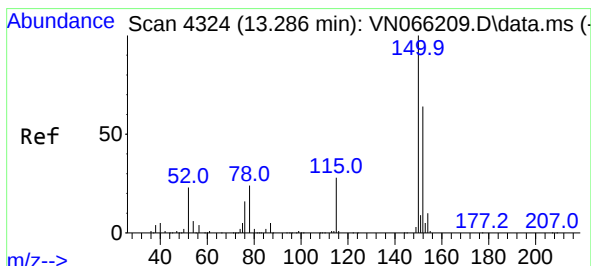
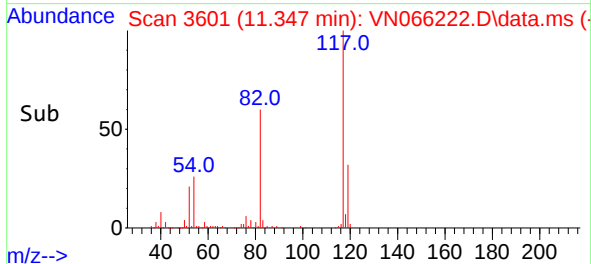
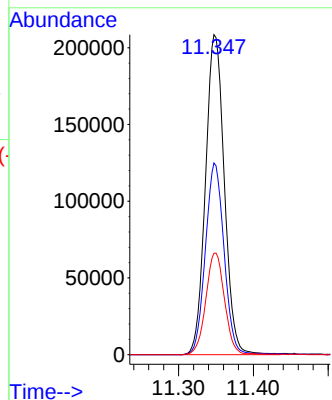
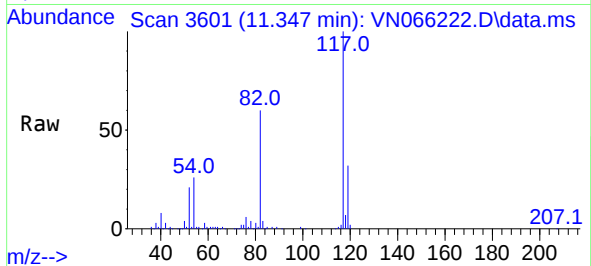




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.347 min Scan# 3601  
Delta R.T. 0.000 min  
Lab File: VN066222.D  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 366043 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 59.9  | 49.0  | 73.6   |
| 119      | 31.7  | 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: VN066222.D  
Acq: 16 Mar 2021 19:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 161873 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 57.7  | 29.4  | 88.3   |
| 150      | 157.1 | 0.0   | 352.2  |

