

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050421\  
 Data File : VN066972.D  
 Acq On : 5 May 2021 6:45  
 Operator : JC/MD  
 Sample : M2256-19  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 R2-C-TOP

Quant Time: May 05 07:52:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050421W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 05 07:24:52 2021  
 Response via : Initial Calibration

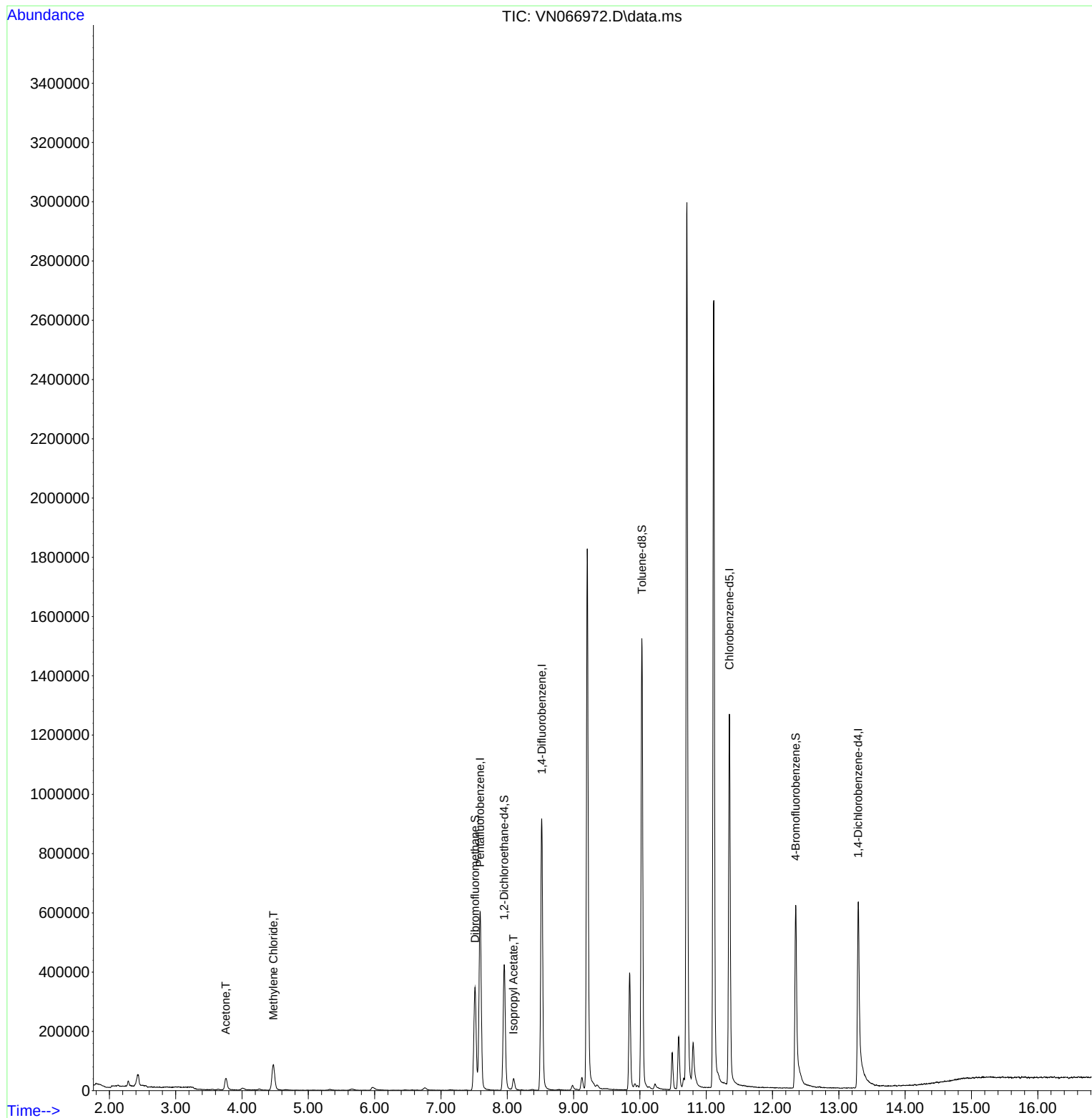
| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 7.589  | 168   | 454263   | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.520  | 114   | 771242   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 11.350 | 117   | 718555   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.291 | 152   | 241291   | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 7.954  | 65    | 382196   | 53.45    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 106.90% |          |
| 35) Dibromofluoromethane    | 7.514  | 113   | 266517   | 50.89    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 101.78% |          |
| 50) Toluene-d8              | 10.030 | 98    | 1039750  | 52.13    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 104.26% |          |
| 62) 4-Bromofluorobenzene    | 12.350 | 95    | 297681   | 44.08    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 88.16%  |          |
| Target Compounds            |        |       |          |          |           |          |
| 16) Acetone                 | 3.754  | 43    | 67793    | 26.95    | ug/l      | 98       |
| 20) Methylene Chloride      | 4.473  | 84    | 61651    | 9.66     | ug/l      | 90       |
| 43) Isopropyl Acetate       | 8.094  | 43    | 48591    | 3.66     | ug/l #    | 87       |
| -----                       |        |       |          |          |           |          |

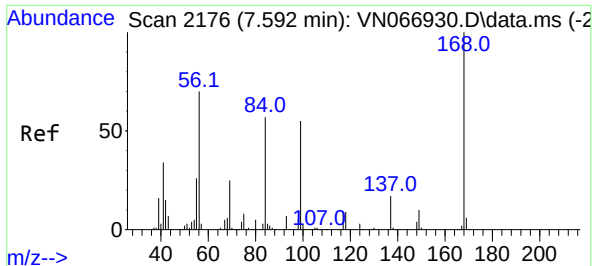
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 51 Sample Multiplier: 1

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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050421W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 05 07:24:52 2021  
Response via : Initial Calibration

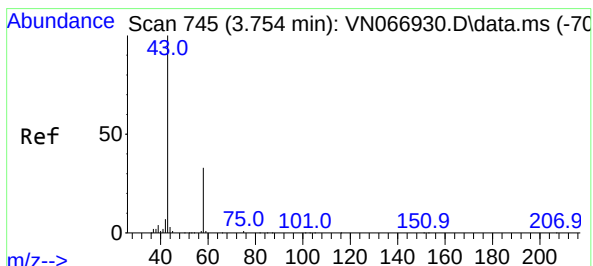
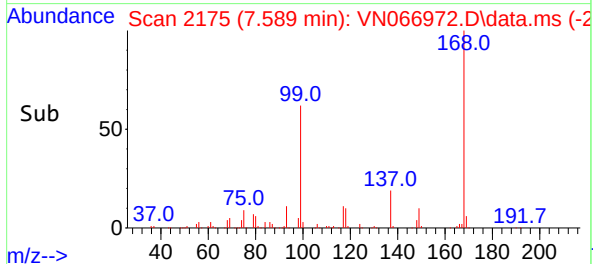
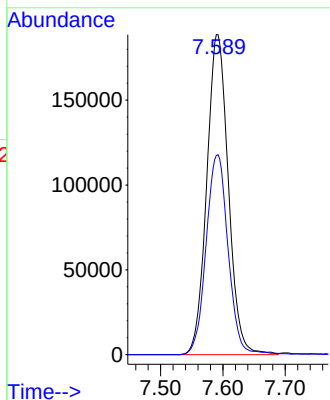
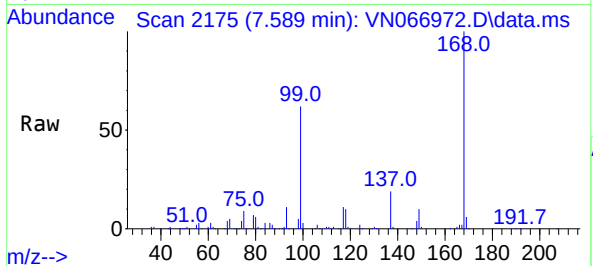




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.589 min Scan# 2175  
Delta R.T. -0.003 min  
Lab File: VN066972.D  
Acq: 5 May 2021 6:45

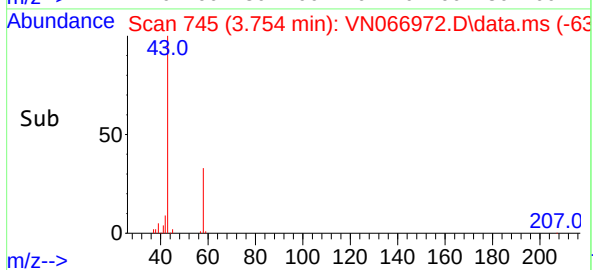
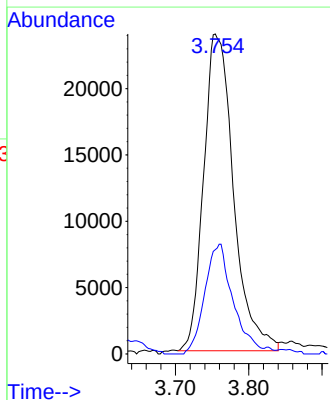
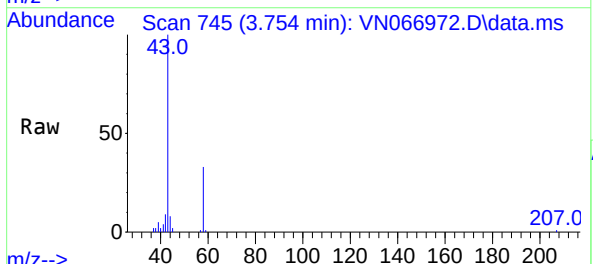
Instrument :  
MSVOA\_N  
ClientSampleId :  
R2-C-TOP

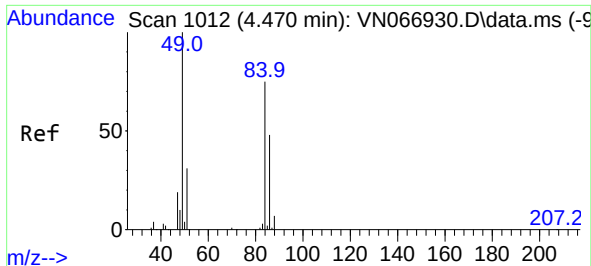
Tgt Ion:168 Resp: 454263  
Ion Ratio Lower Upper  
168 100  
99 62.2 42.6 63.8



#16  
Acetone  
Concen: 26.95 ug/l  
RT: 3.754 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: VN066972.D  
Acq: 5 May 2021 6:45

Tgt Ion: 43 Resp: 67793  
Ion Ratio Lower Upper  
43 100  
58 32.9 27.0 40.6

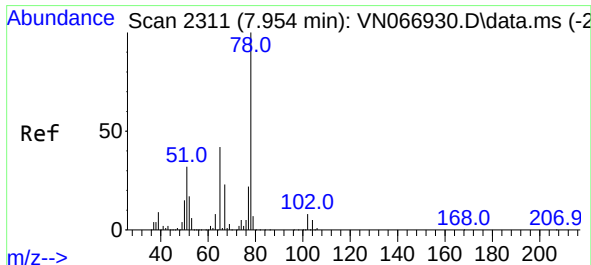
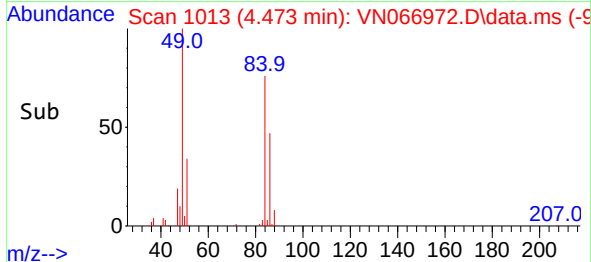
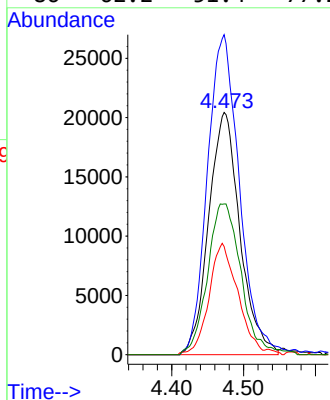
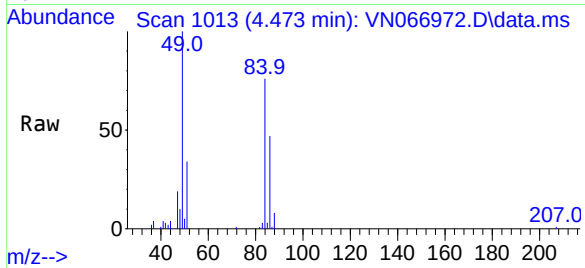




#20  
Methylene Chloride  
Concen: 9.66 ug/l  
RT: 4.473 min Scan# 1013  
Delta R.T. 0.003 min  
Lab File: VN066972.D  
Acq: 5 May 2021 6:45

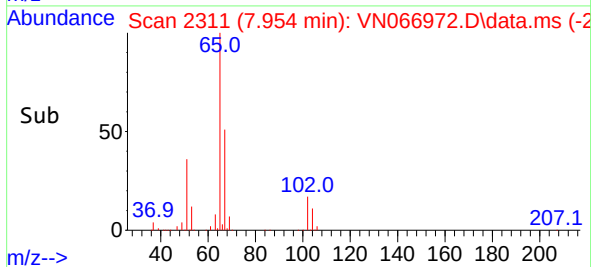
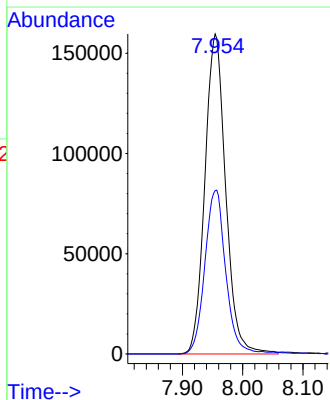
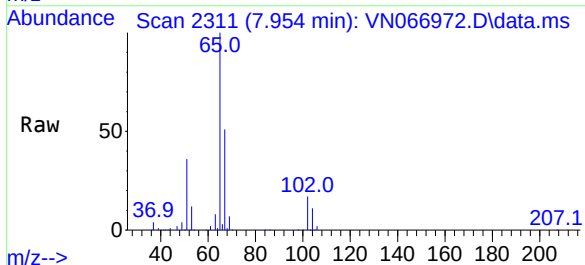
Instrument :  
MSVOA\_N  
ClientSampleId :  
R2-C-TOP

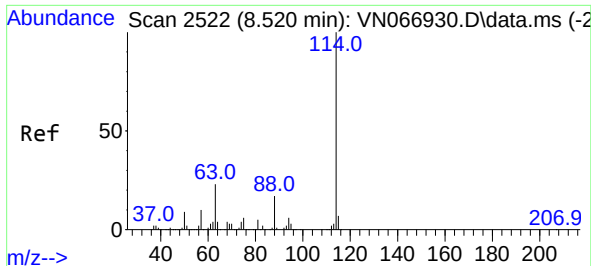
Tgt Ion: 84 Resp: 61651  
Ion Ratio Lower Upper  
84 100  
49 132.1 94.6 141.8  
51 44.7 29.9 44.9  
86 62.2 51.4 77.2



#33  
1,2-Dichloroethane-d4  
Concen: 53.45 ug/l  
RT: 7.954 min Scan# 2311  
Delta R.T. 0.000 min  
Lab File: VN066972.D  
Acq: 5 May 2021 6:45

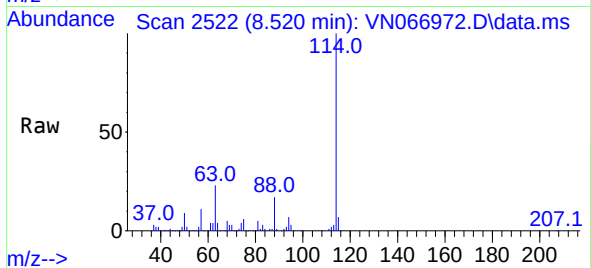
Tgt Ion: 65 Resp: 382196  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 107.2



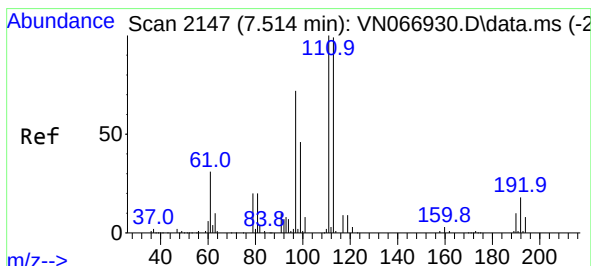
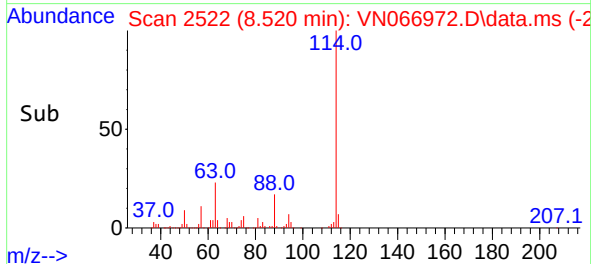
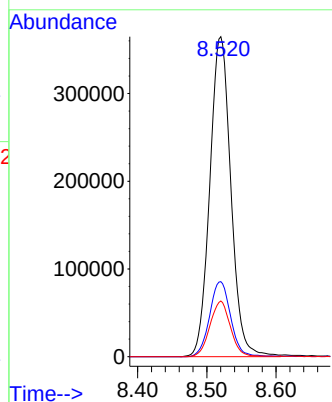


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.520 min Scan# 2522  
Delta R.T. 0.000 min  
Lab File: VN066972.D  
Acq: 5 May 2021 6:45

Instrument :  
MSVOA\_N  
ClientSampleId :  
R2-C-TOP

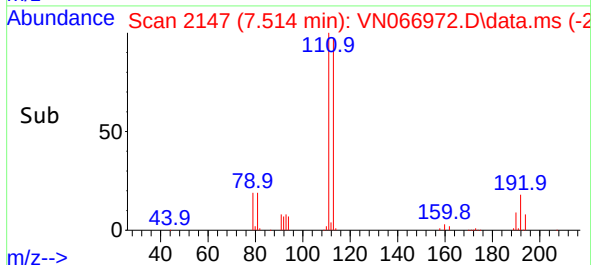
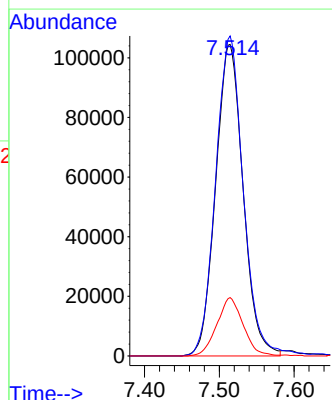
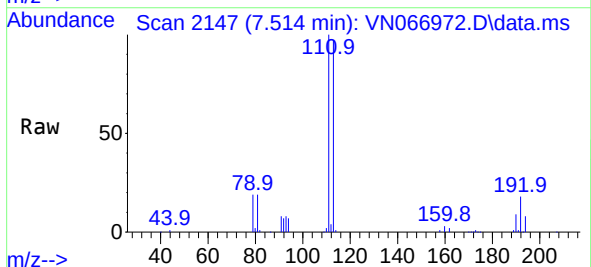


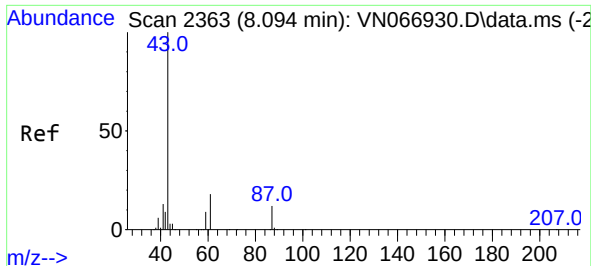
Tgt Ion:114 Resp: 771242  
Ion Ratio Lower Upper  
114 100  
63 23.4 0.0 38.6  
88 17.4 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 50.89 ug/l  
RT: 7.514 min Scan# 2147  
Delta R.T. 0.000 min  
Lab File: VN066972.D  
Acq: 5 May 2021 6:45

Tgt Ion:113 Resp: 266517  
Ion Ratio Lower Upper  
113 100  
111 103.9 82.2 123.2  
192 17.9 15.4 23.0

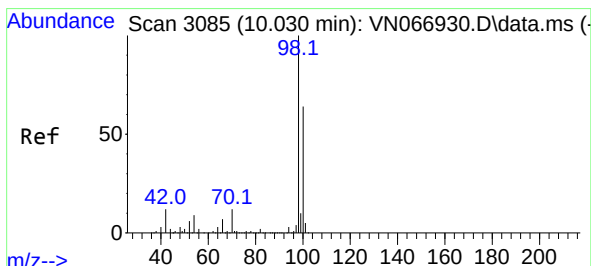
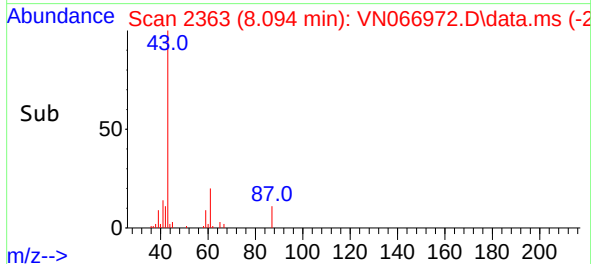
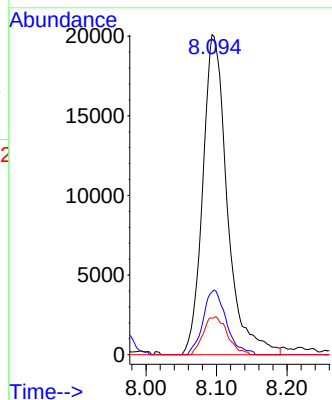
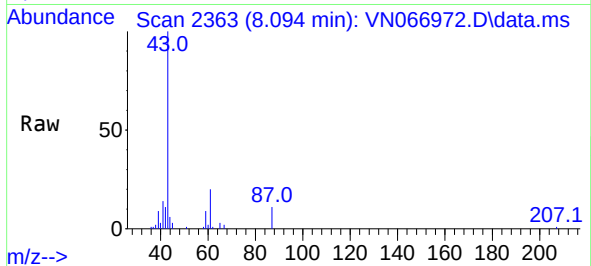




#43  
Isopropyl Acetate  
Concen: 3.66 ug/l  
RT: 8.094 min Scan# 2363  
Delta R.T. -0.000 min  
Lab File: VN066972.D  
Acq: 5 May 2021 6:45

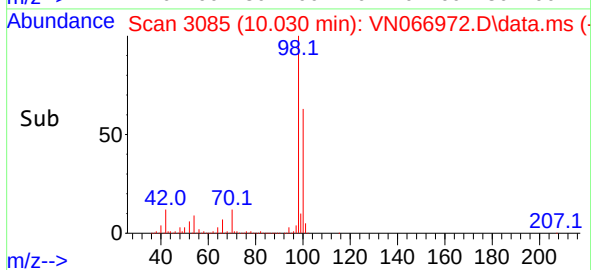
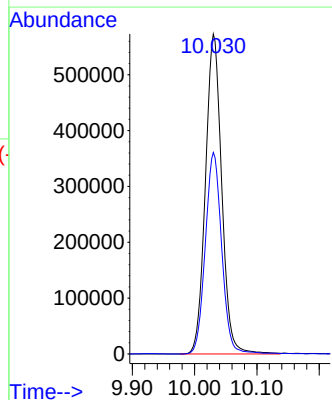
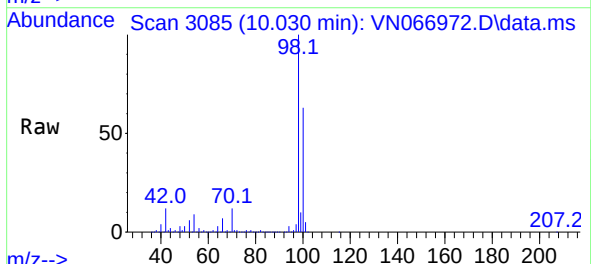
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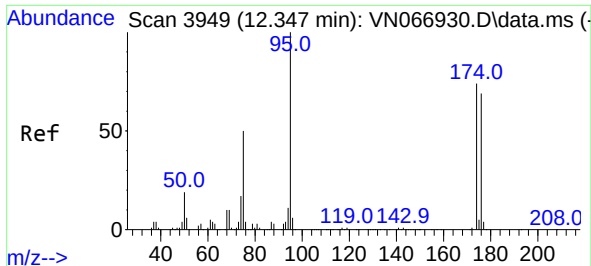
Tgt Ion: 43 Resp: 48591  
Ion Ratio Lower Upper  
43 100  
61 19.1 22.5 33.7#  
87 11.6 11.1 16.7



#50  
Toluene-d8  
Concen: 52.13 ug/l  
RT: 10.030 min Scan# 3085  
Delta R.T. 0.000 min  
Lab File: VN066972.D  
Acq: 5 May 2021 6:45

Tgt Ion: 98 Resp: 1039750  
Ion Ratio Lower Upper  
98 100  
100 63.4 50.5 75.7

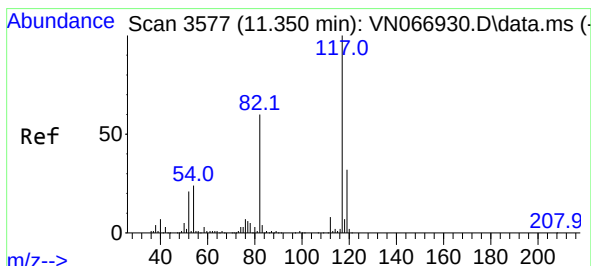
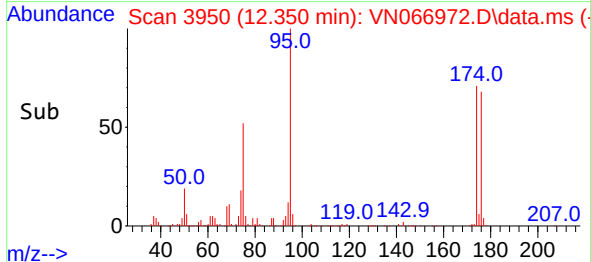
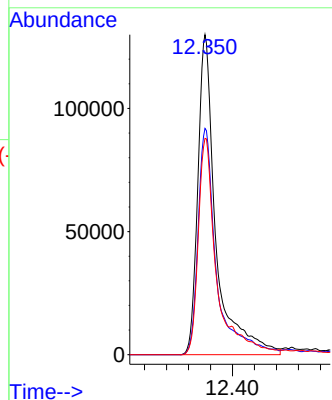
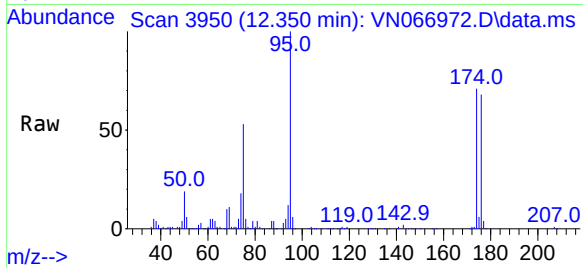




#62  
4-Bromofluorobenzene  
Concen: 44.08 ug/l  
RT: 12.350 min Scan# 3950  
Delta R.T. 0.003 min  
Lab File: VN066972.D  
Acq: 5 May 2021 6:45

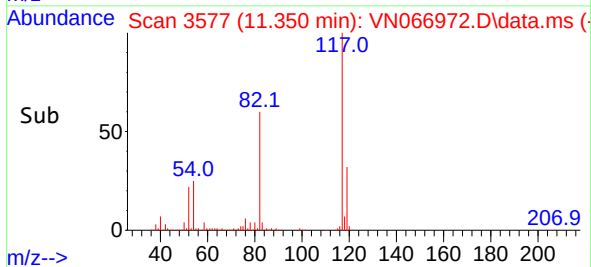
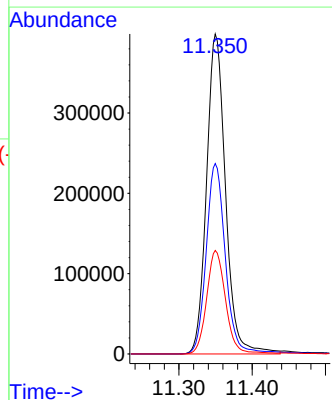
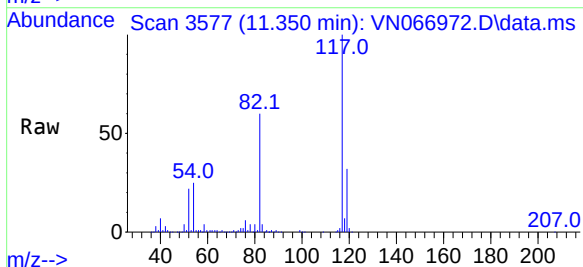
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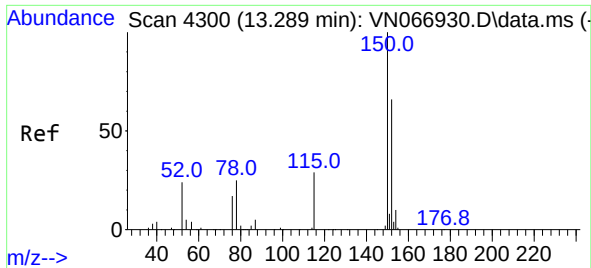
Tgt Ion: 95 Resp: 297681  
Ion Ratio Lower Upper  
95 100  
174 72.1 0.0 169.0  
176 68.4 0.0 162.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.350 min Scan# 3577  
Delta R.T. -0.000 min  
Lab File: VN066972.D  
Acq: 5 May 2021 6:45

Tgt Ion: 117 Resp: 718555  
Ion Ratio Lower Upper  
117 100  
82 59.5 43.7 65.5  
119 32.3 26.1 39.1





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.291 min Scan# 4301  
 Delta R.T. 0.002 min  
 Lab File: VN066972.D  
 Acq: 5 May 2021 6:45

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 R2-C-TOP

Tgt Ion:152 Resp: 241291

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 61.4  | 28.5  | 85.6  |
| 150 | 163.3 | 0.0   | 347.6 |

