

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042921\  
 Data File : VN066871.D  
 Acq On : 29 Apr 2021 18:51  
 Operator : JC/MD  
 Sample : M2137-08  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 152140-MW-2S(OFFSITE)

Quant Time: Apr 30 06:16:23 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

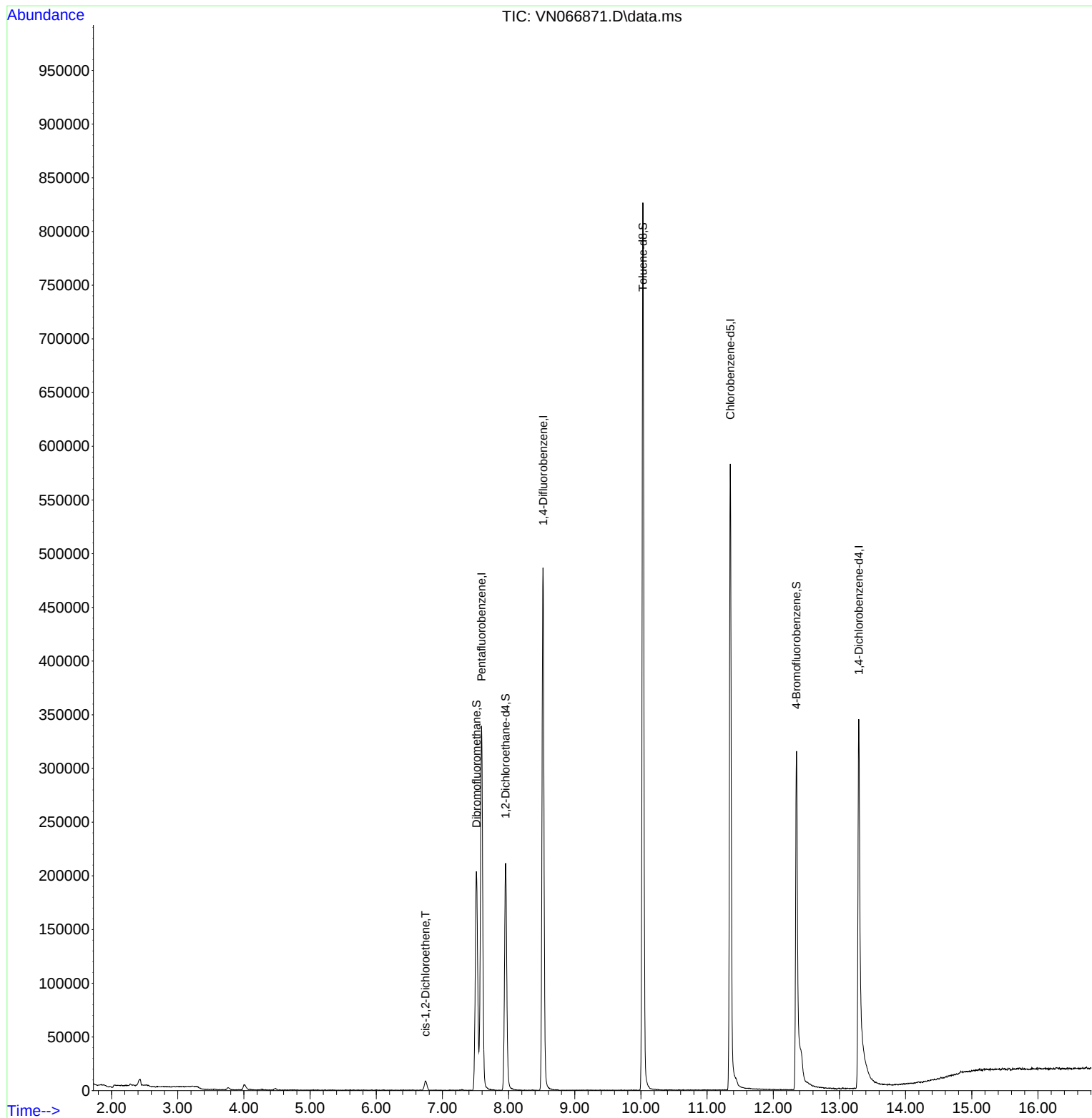
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-----------------------------|--------|-------|----------|----------|-------|--------------|
| -----                       |        |       |          |          |       |              |
| Internal Standards          |        |       |          |          |       |              |
| 1) Pentafluorobenzene       | 7.591  | 168   | 305133   | 50.00    | ug/l  | 0.00         |
| 34) 1,4-Difluorobenzene     | 8.522  | 114   | 464885   | 50.00    | ug/l  | 0.00         |
| 63) Chlorobenzene-d5        | 11.351 | 117   | 405991   | 50.00    | ug/l  | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 13.293 | 152   | 165549   | 50.00    | ug/l  | 0.00         |
| System Monitoring Compounds |        |       |          |          |       |              |
| 33) 1,2-Dichloroethane-d4   | 7.956  | 65    | 183102   | 46.70    | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 93.40%       |
| 35) Dibromofluoromethane    | 7.516  | 113   | 165123   | 57.54    | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 115.08%      |
| 50) Toluene-d8              | 10.029 | 98    | 600782   | 53.34    | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 106.68%      |
| 62) 4-Bromofluorobenzene    | 12.349 | 95    | 165421   | 43.40    | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 86.80%       |
| Target Compounds            |        |       |          |          |       |              |
| 27) cis-1,2-Dichloroethene  | 6.744  | 96    | 6216     | 1.64     | ug/l  | Qvalue<br>75 |
| -----                       |        |       |          |          |       |              |

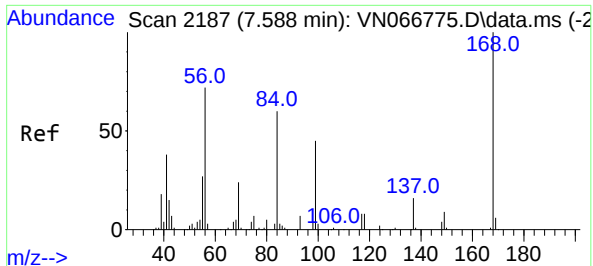
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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Quant Title : SW846 8260  
QLast Update : Tue Apr 27 16:02:50 2021  
Response via : Initial Calibration

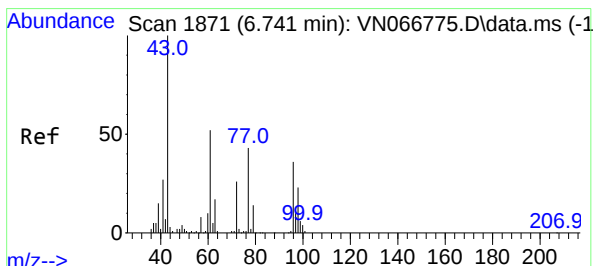
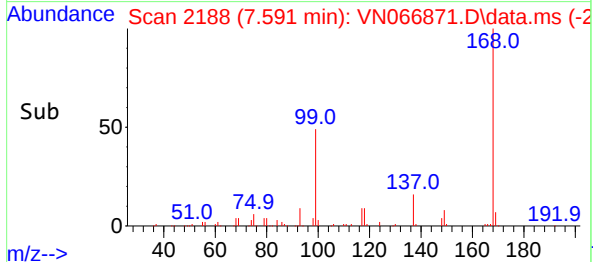
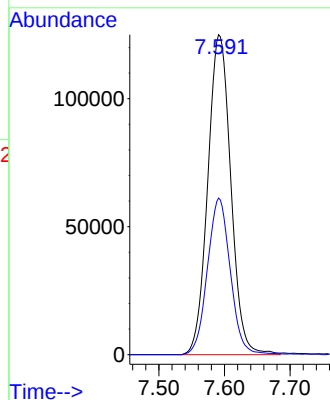
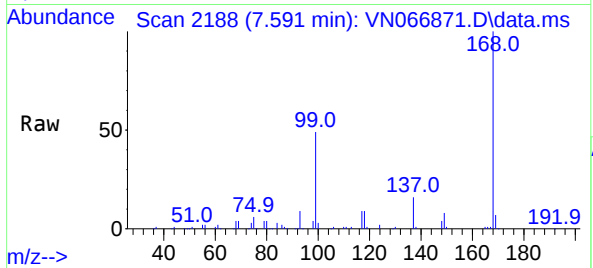




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.591 min Scan# 2188  
Delta R.T. 0.003 min  
Lab File: VN066871.D  
Acq: 29 Apr 2021 18:51

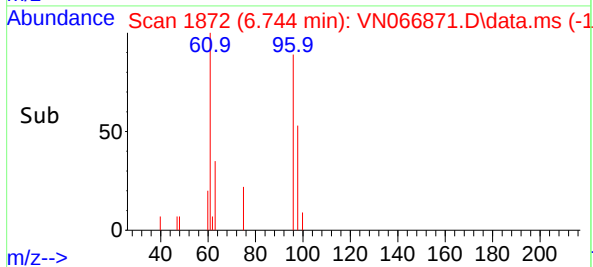
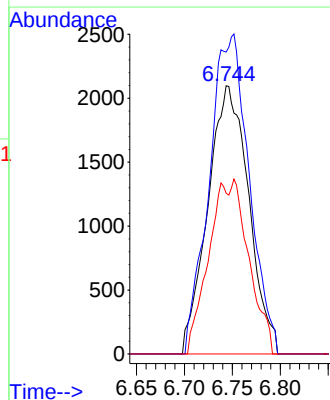
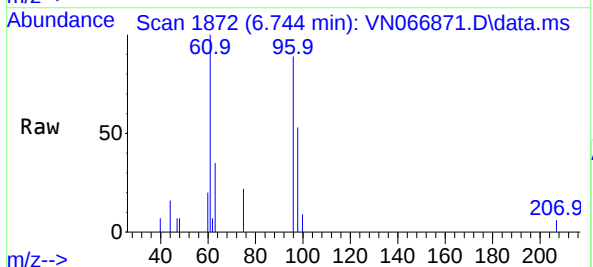
Instrument :  
MSVOA\_N  
ClientSampleId :  
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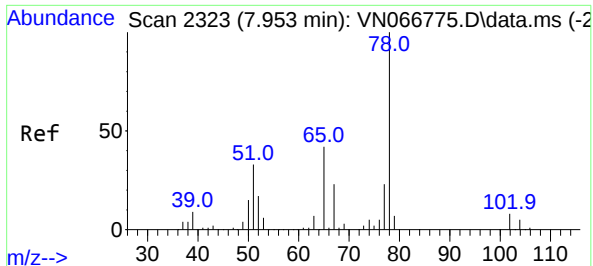
Tgt Ion:168 Resp: 305133  
Ion Ratio Lower Upper  
168 100  
99 48.9 42.6 63.8



#27  
cis-1,2-Dichloroethene  
Concen: 1.64 ug/l  
RT: 6.744 min Scan# 1872  
Delta R.T. 0.003 min  
Lab File: VN066871.D  
Acq: 29 Apr 2021 18:51

Tgt Ion: 96 Resp: 6216  
Ion Ratio Lower Upper  
96 100  
61 116.7 0.0 276.8  
98 33.2 0.0 129.4

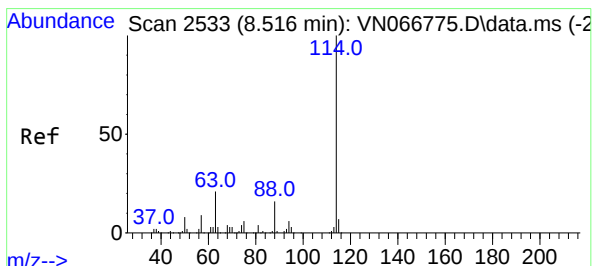
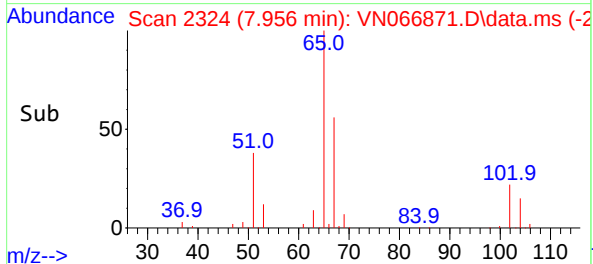
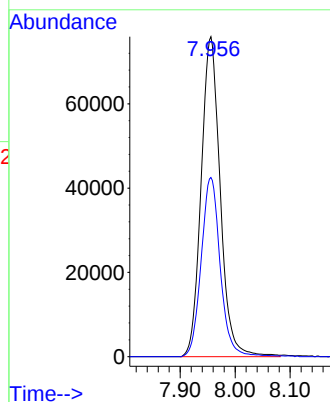
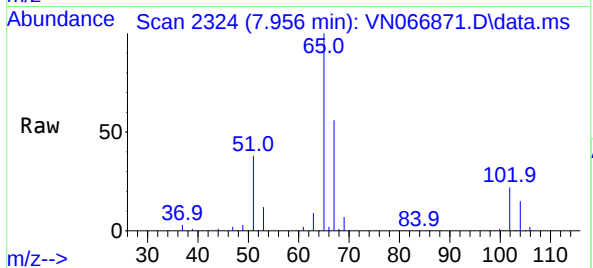




#33  
1,2-Dichloroethane-d4  
Concen: 46.70 ug/l  
RT: 7.956 min Scan# 2324  
Delta R.T. 0.003 min  
Lab File: VN066871.D  
Acq: 29 Apr 2021 18:51

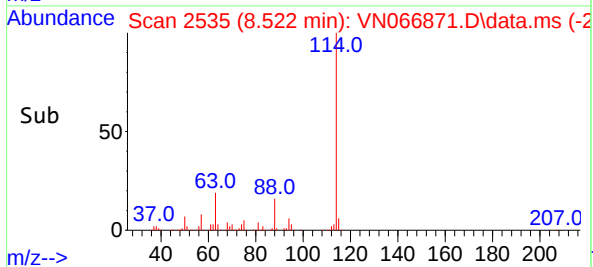
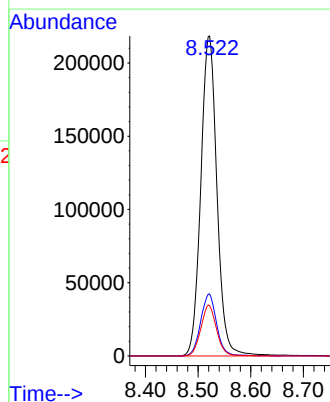
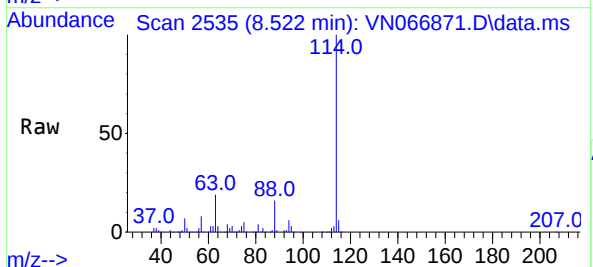
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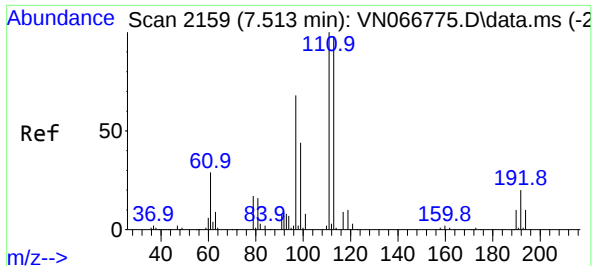
Tgt Ion: 65 Resp: 183102  
Ion Ratio Lower Upper  
65 100  
67 55.8 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.522 min Scan# 2535  
Delta R.T. 0.006 min  
Lab File: VN066871.D  
Acq: 29 Apr 2021 18:51

Tgt Ion: 114 Resp: 464885  
Ion Ratio Lower Upper  
114 100  
63 19.3 0.0 38.6  
88 15.8 0.0 30.6

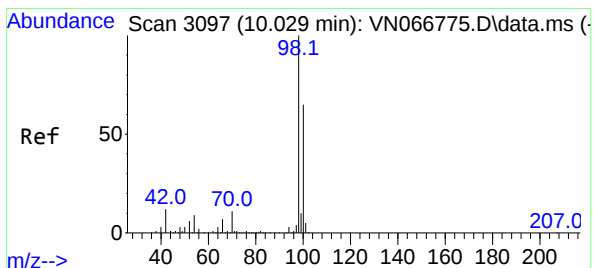
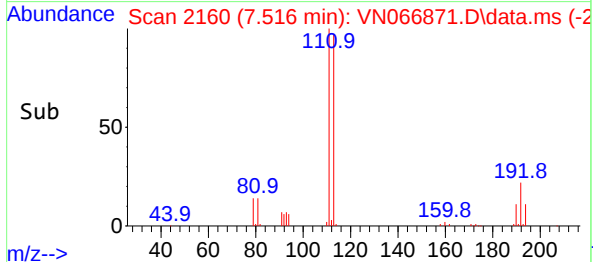
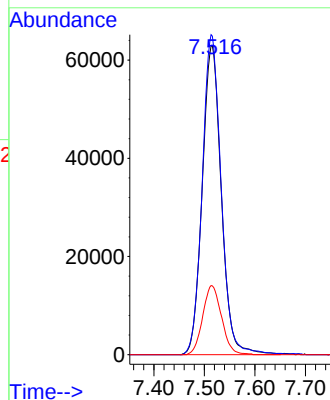
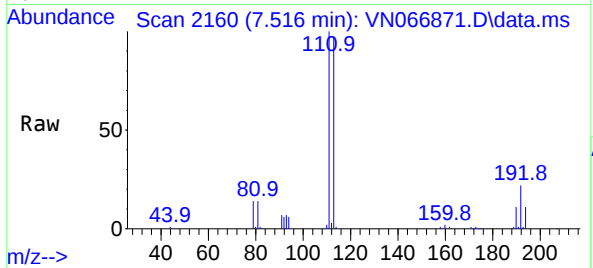




#35  
Dibromofluoromethane  
Concen: 57.54 ug/l  
RT: 7.516 min Scan# 2160  
Delta R.T. 0.003 min  
Lab File: VN066871.D  
Acq: 29 Apr 2021 18:51

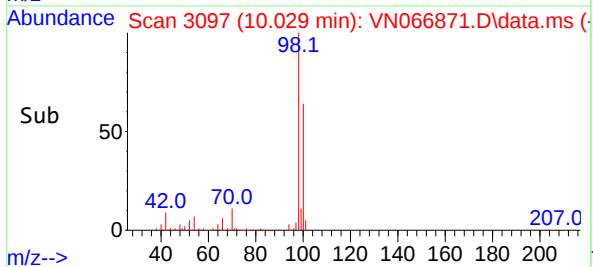
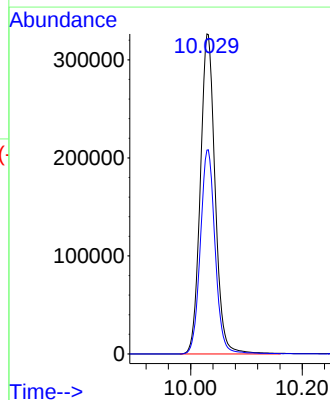
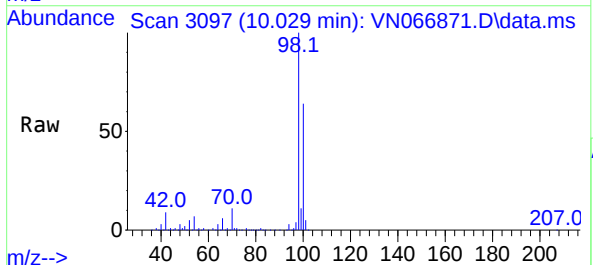
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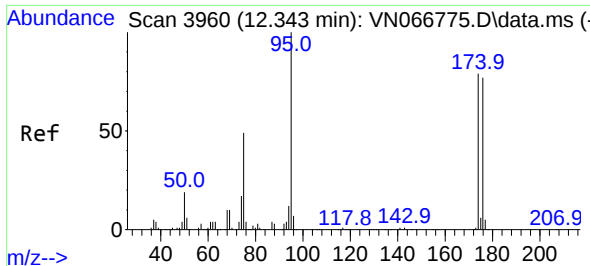
Tgt Ion:113 Resp: 165123  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.2 123.2  
192 22.1 15.4 23.0



#50  
Toluene-d8  
Concen: 53.34 ug/l  
RT: 10.029 min Scan# 3097  
Delta R.T. -0.000 min  
Lab File: VN066871.D  
Acq: 29 Apr 2021 18:51

Tgt Ion: 98 Resp: 600782  
Ion Ratio Lower Upper  
98 100  
100 63.9 50.5 75.7



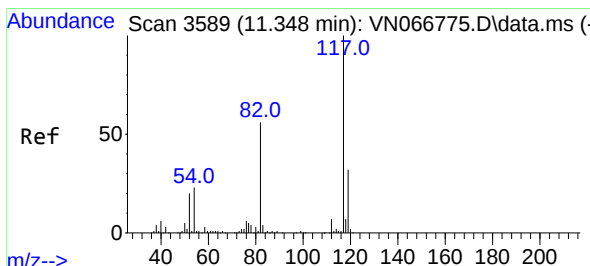
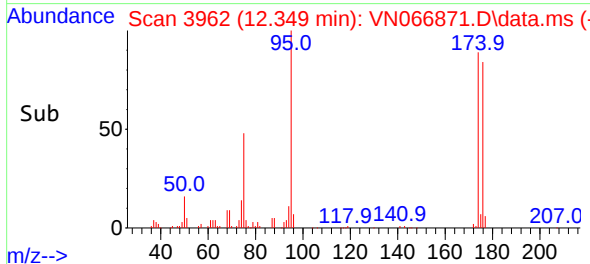
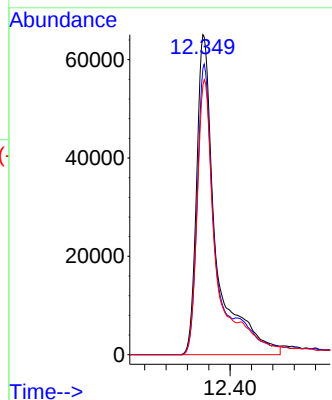
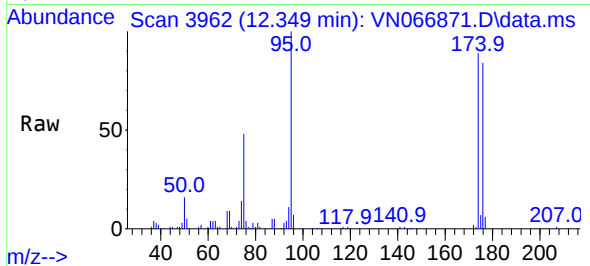


#62  
4-Bromofluorobenzene  
Concen: 43.40 ug/l  
RT: 12.349 min Scan# 3962  
Delta R.T. 0.006 min  
Lab File: VN066871.D  
Acq: 29 Apr 2021 18:51

Instrument :  
MSVOA\_N  
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Tgt Ion: 95 Resp: 165421

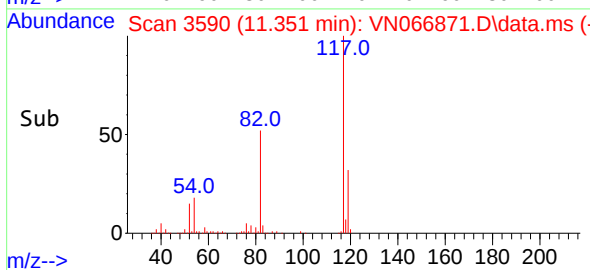
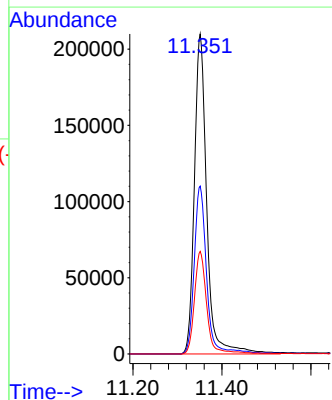
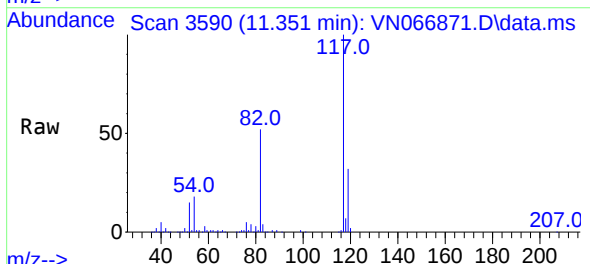
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 75.7  | 0.0   | 169.0 |
| 176 | 74.5  | 0.0   | 162.4 |

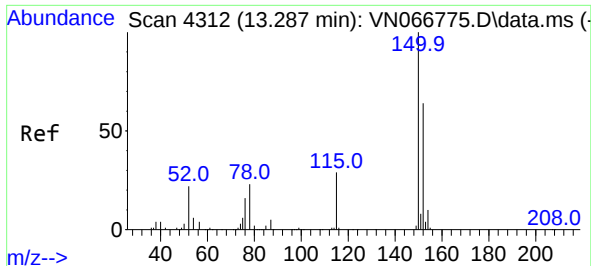


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.351 min Scan# 3590  
Delta R.T. 0.003 min  
Lab File: VN066871.D  
Acq: 29 Apr 2021 18:51

Tgt Ion: 117 Resp: 405991

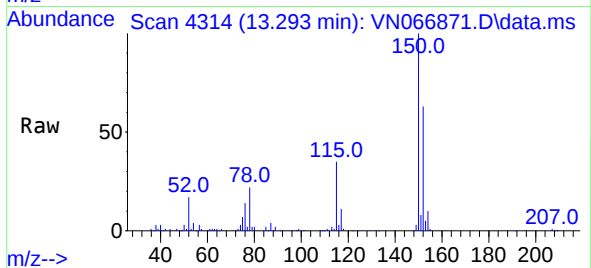
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 52.4  | 43.7  | 65.5  |
| 119 | 32.0  | 26.1  | 39.1  |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.293 min Scan# 4314  
 Delta R.T. 0.005 min  
 Lab File: VN066871.D  
 Acq: 29 Apr 2021 18:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 152140-MW-2S(OFFSITE)



Tgt Ion:152 Resp: 165549  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 50.6  | 28.5  | 85.6  |
| 150 | 157.1 | 0.0   | 347.6 |

