

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042821\  
 Data File : VN066808.D  
 Acq On : 28 Apr 2021 13:35  
 Operator : JC/MD  
 Sample : M2136-06 10X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 41765

Quant Time: Apr 29 04:29:16 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

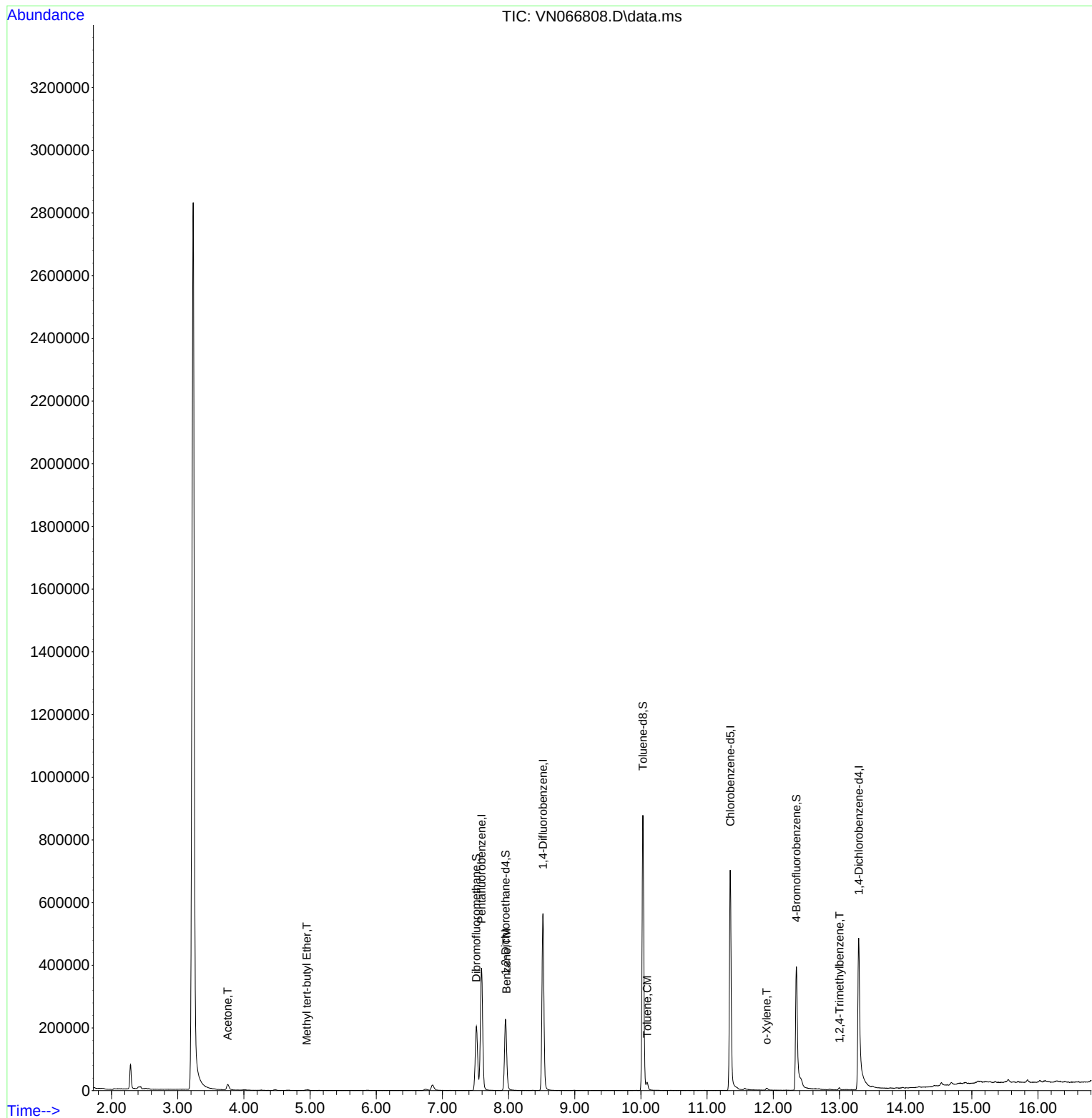
| Compound                    | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|--------|--------|----------|
| -----                       |                |      |            |        |        |          |
| Internal Standards          |                |      |            |        |        |          |
| 1) Pentafluorobenzene       | 7.591          | 168  | 351646     | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.519          | 114  | 531981     | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.351         | 117  | 465531     | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.293         | 152  | 197729     | 50.00  | ug/l   | 0.00     |
|                             |                |      |            |        |        |          |
| System Monitoring Compounds |                |      |            |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 7.953          | 65   | 189998     | 42.05  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 84.10% |        |          |
| 35) Dibromofluoromethane    | 7.513          | 113  | 163331     | 49.74  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 99.48% |        |          |
| 50) Toluene-d8              | 10.029         | 98   | 639621     | 49.62  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 99.24% |        |          |
| 62) 4-Bromofluorobenzene    | 12.349         | 95   | 177249     | 40.64  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 81.28% |        |          |
|                             |                |      |            |        |        |          |
| Target Compounds            |                |      |            |        | Qvalue |          |
| 16) Acetone                 | 3.756          | 43   | 28112      | 16.49  | ug/l   | 95       |
| 19) Methyl tert-butyl Ether | 4.952          | 73   | 4638       | 0.38   | ug/l   | 96       |
| 40) Benzene                 | 7.966          | 78   | 8058       | 0.53   | ug/l   | 96       |
| 52) Toluene                 | 10.096         | 92   | 9528       | 1.03   | ug/l   | 99       |
| 69) o-Xylene                | 11.898         | 106  | 2919       | 0.49   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene  | 13.001         | 105  | 5468       | 0.47   | ug/l   | 92       |
| -----                       |                |      |            |        |        |          |

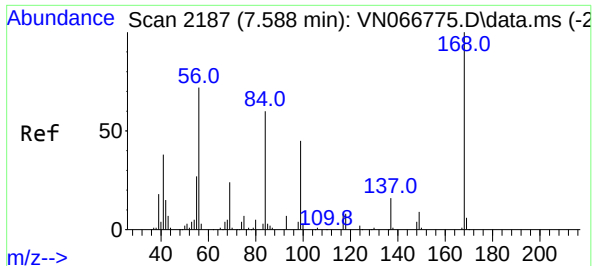
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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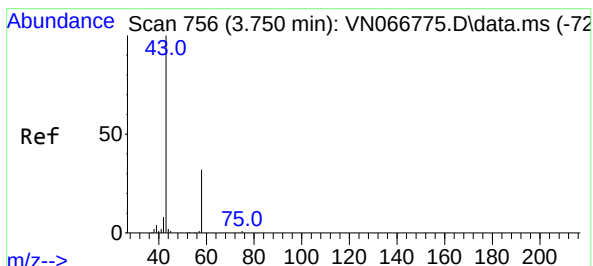
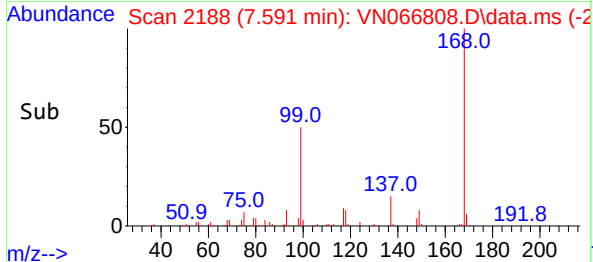
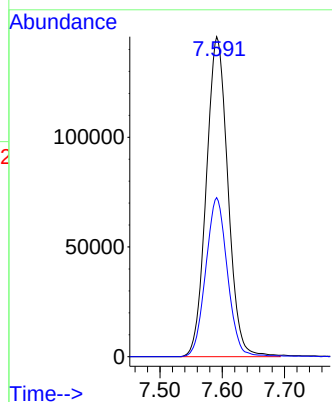
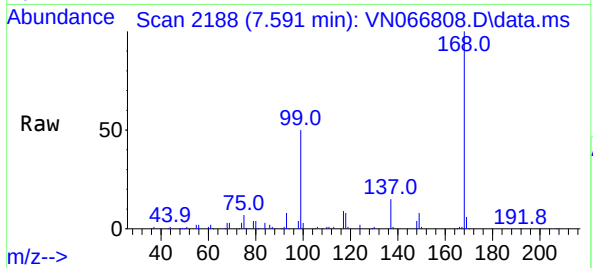




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.591 min Scan# 2188  
Delta R.T. 0.003 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

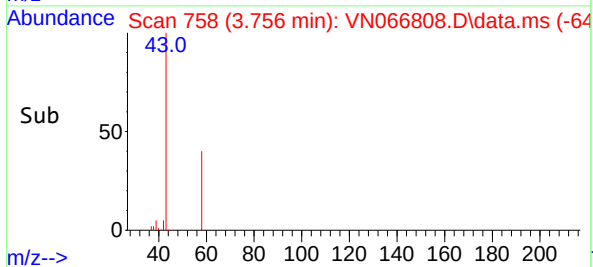
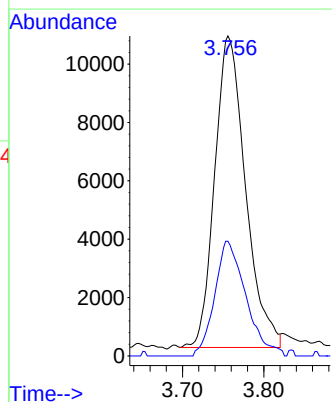
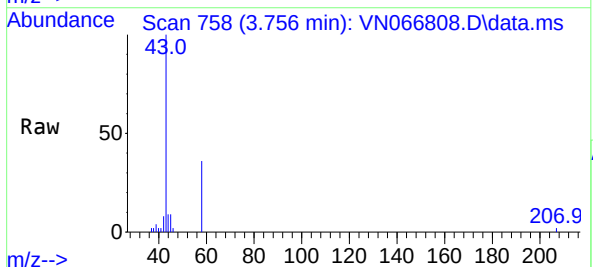
Instrument :  
MSVOA\_N  
ClientSampled :  
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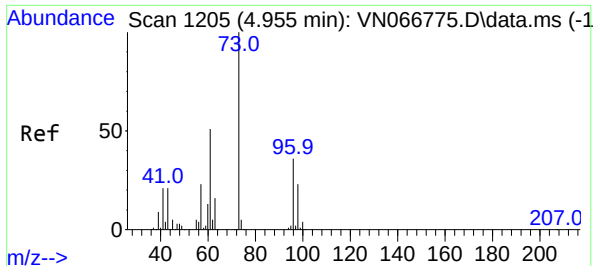
Tgt Ion:168 Resp: 351646  
Ion Ratio Lower Upper  
168 100  
99 49.7 42.6 63.8



#16  
Acetone  
Concen: 16.49 ug/l  
RT: 3.756 min Scan# 758  
Delta R.T. 0.006 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

Tgt Ion: 43 Resp: 28112  
Ion Ratio Lower Upper  
43 100  
58 36.8 27.0 40.6



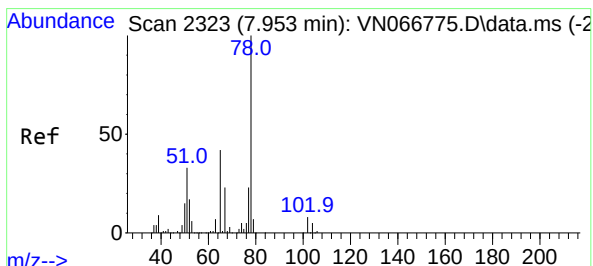
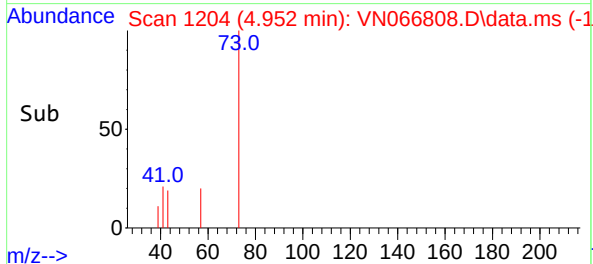
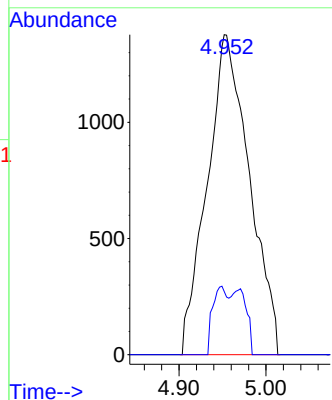
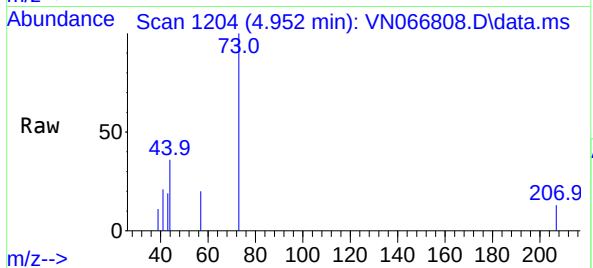


#19

Methyl tert-butyl Ether  
Concen: 0.38 ug/l  
RT: 4.952 min Scan# 1204  
Delta R.T. -0.003 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

Instrument :  
MSVOA\_N  
ClientSampled :  
41765

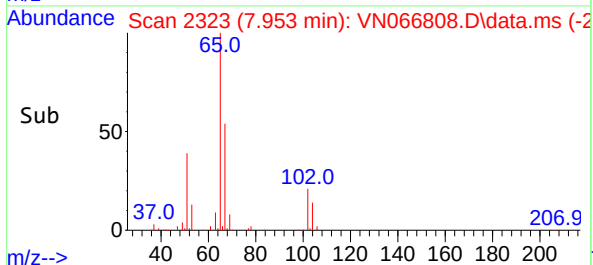
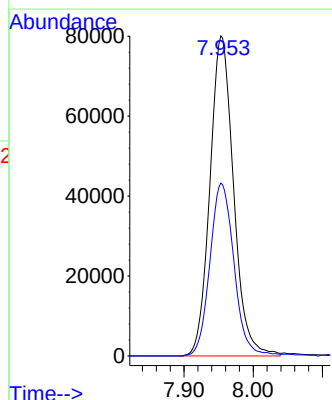
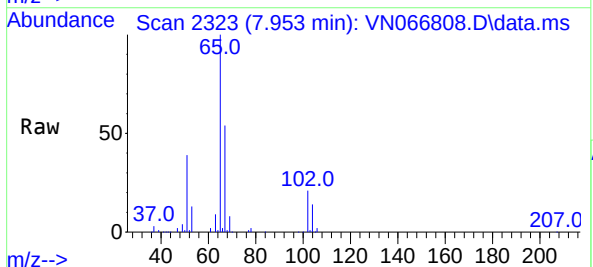
Tgt Ion: 73 Resp: 4638  
Ion Ratio Lower Upper  
73 100  
57 19.8 17.3 25.9

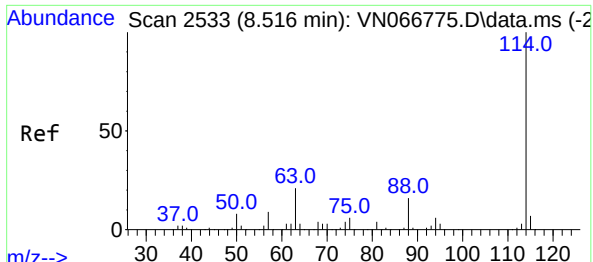


#33

1,2-Dichloroethane-d4  
Concen: 42.05 ug/l  
RT: 7.953 min Scan# 2323  
Delta R.T. 0.000 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

Tgt Ion: 65 Resp: 189998  
Ion Ratio Lower Upper  
65 100  
67 55.0 0.0 107.2

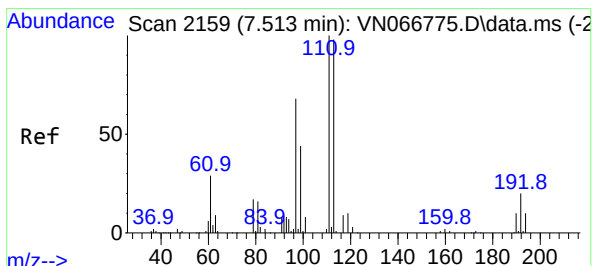
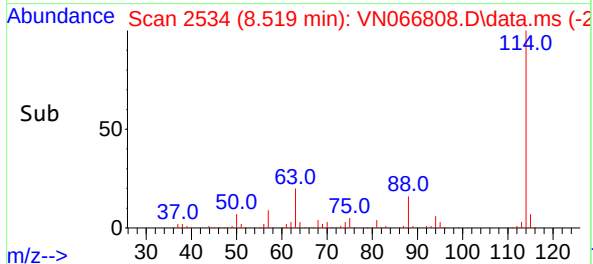
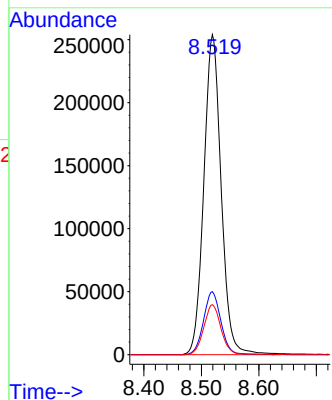
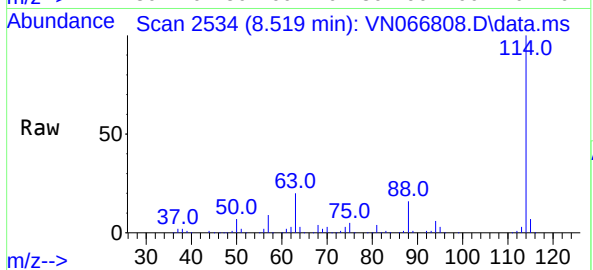




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.519 min Scan# 2534  
Delta R.T. 0.003 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

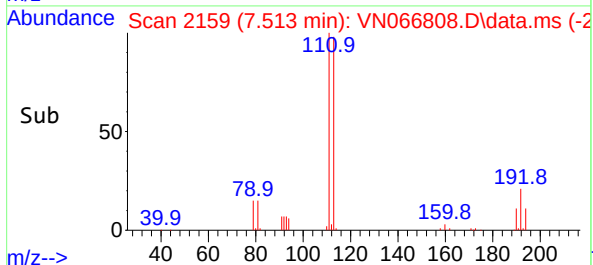
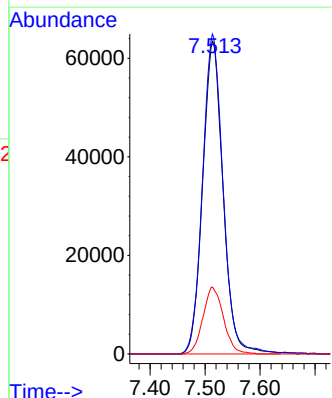
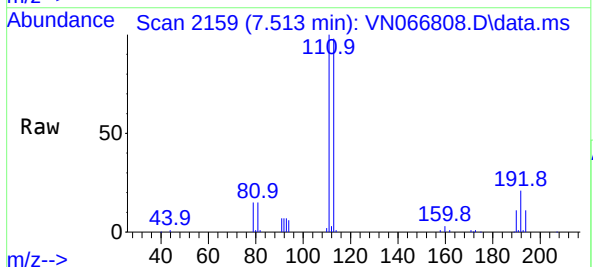
Instrument :  
MSVOA\_N  
ClientSampled :  
41765

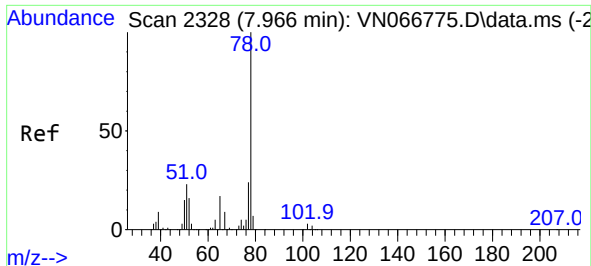
Tgt Ion:114 Resp: 531981  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 38.6  
88 15.6 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 49.74 ug/l  
RT: 7.513 min Scan# 2159  
Delta R.T. 0.000 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

Tgt Ion:113 Resp: 163331  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.2 123.2  
192 21.5 15.4 23.0

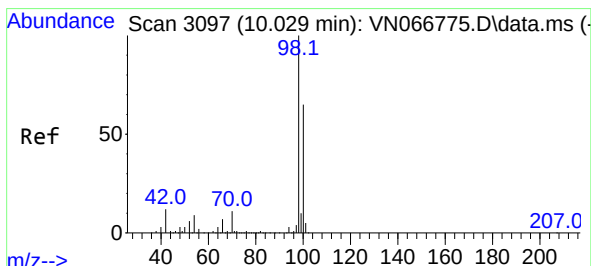
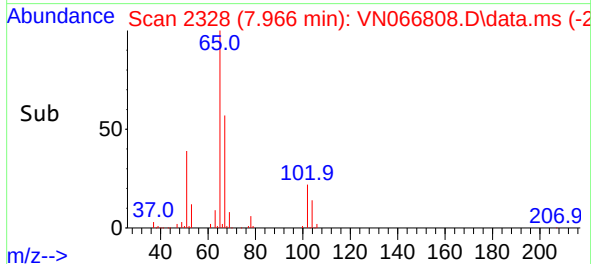
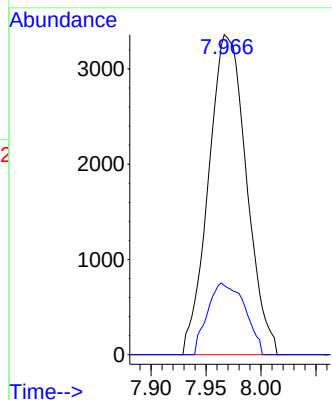
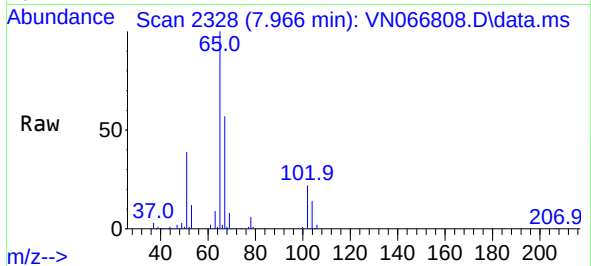




#40  
Benzene  
Concen: 0.53 ug/l  
RT: 7.966 min Scan# 2328  
Delta R.T. 0.000 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

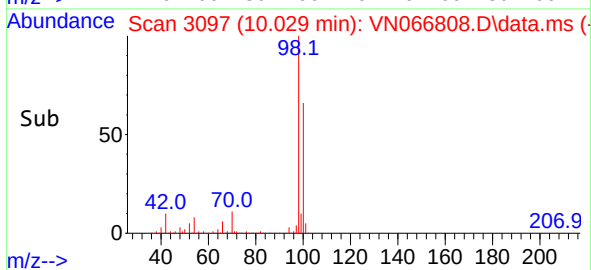
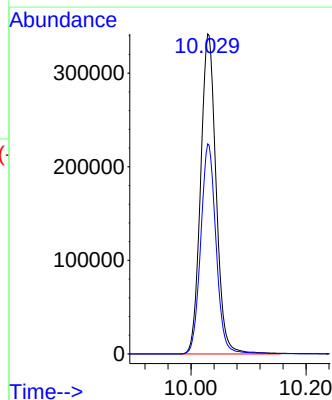
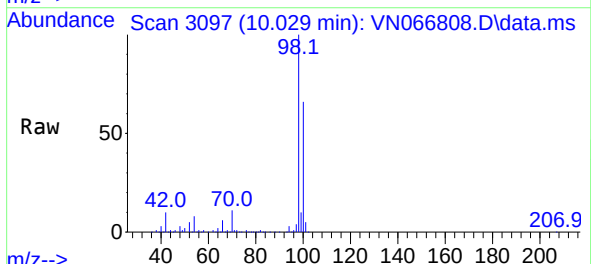
Instrument :  
MSVOA\_N  
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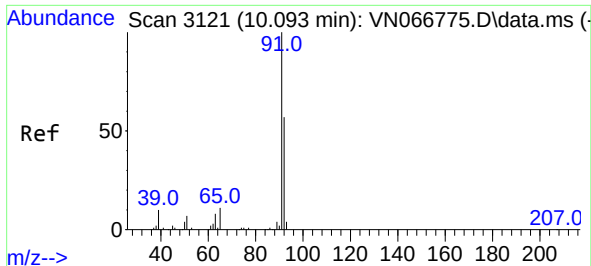
Tgt Ion: 78 Resp: 8058  
Ion Ratio Lower Upper  
78 100  
77 21.6 19.0 28.4



#50  
Toluene-d8  
Concen: 49.62 ug/l  
RT: 10.029 min Scan# 3097  
Delta R.T. -0.000 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

Tgt Ion: 98 Resp: 639621  
Ion Ratio Lower Upper  
98 100  
100 64.7 50.5 75.7

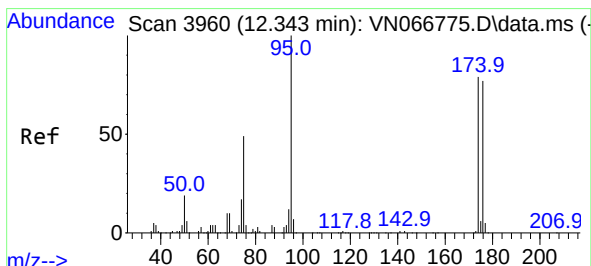
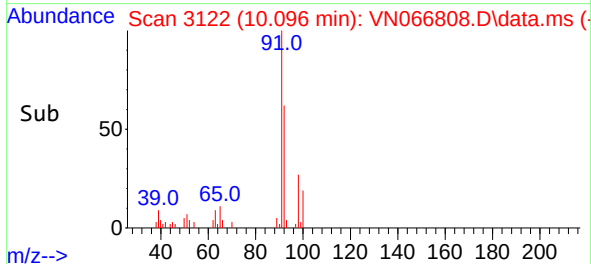
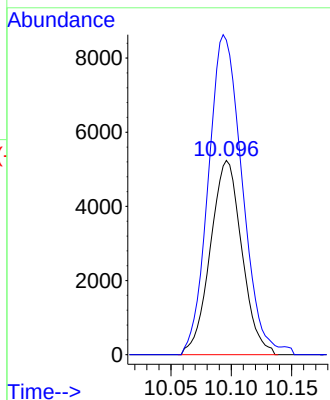
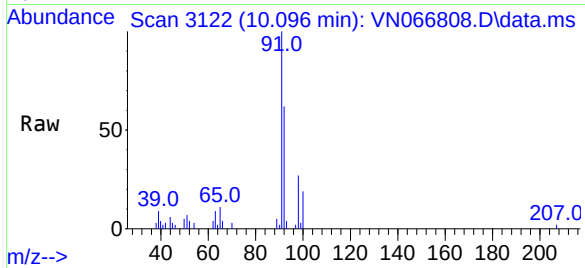




#52  
Toluene  
Concen: 1.03 ug/l  
RT: 10.096 min Scan# 3122  
Delta R.T. 0.003 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

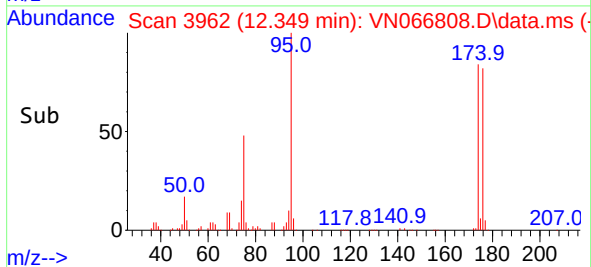
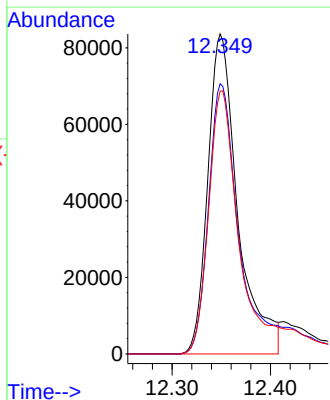
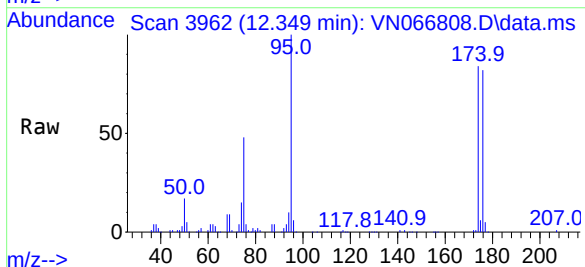
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MSVOA\_N  
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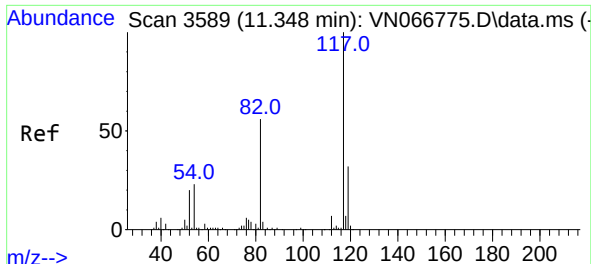
Tgt Ion: 92 Resp: 9528  
Ion Ratio Lower Upper  
92 100  
91 177.1 140.7 211.1



#62  
4-Bromofluorobenzene  
Concen: 40.64 ug/l  
RT: 12.349 min Scan# 3962  
Delta R.T. 0.006 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

Tgt Ion: 95 Resp: 177249  
Ion Ratio Lower Upper  
95 100  
174 94.4 0.0 169.0  
176 91.5 0.0 162.4

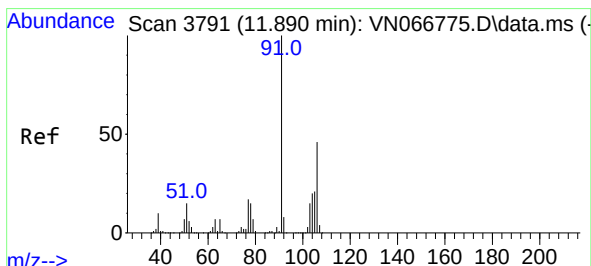
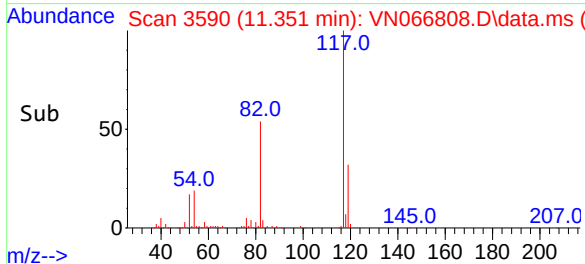
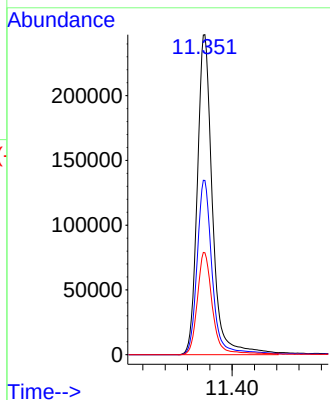
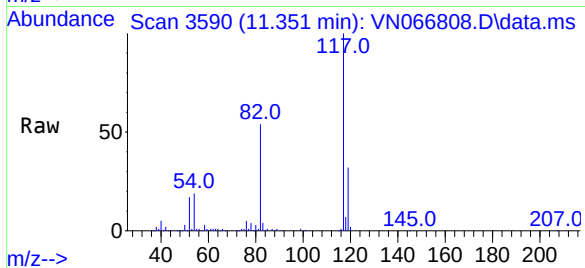




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.351 min Scan# 3590  
Delta R.T. 0.003 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

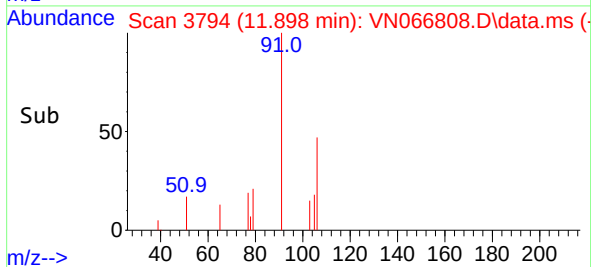
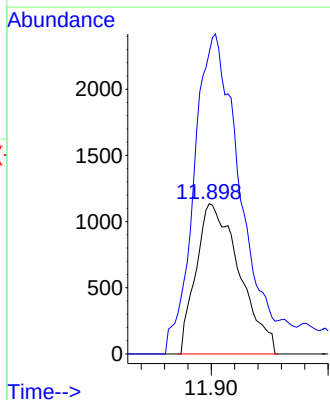
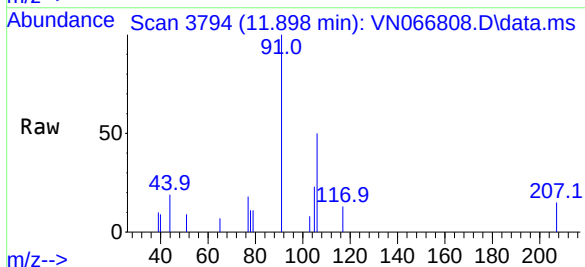
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Tgt Ion:117 Resp: 465531  
Ion Ratio Lower Upper  
117 100  
82 54.4 43.7 65.5  
119 31.9 26.1 39.1

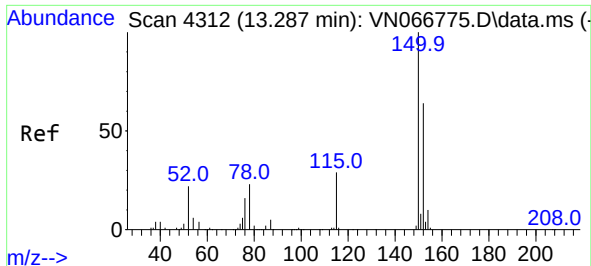


#69  
o-Xylene  
Concen: 0.49 ug/l  
RT: 11.898 min Scan# 3794  
Delta R.T. 0.008 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

Tgt Ion:106 Resp: 2919  
Ion Ratio Lower Upper  
106 100  
91 225.1 106.8 320.4



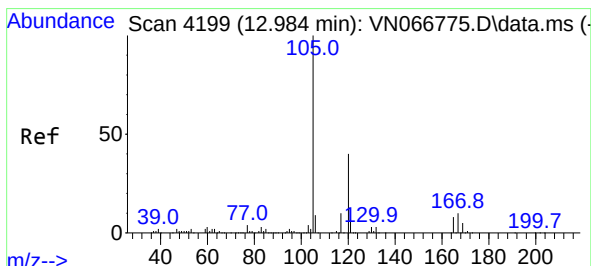
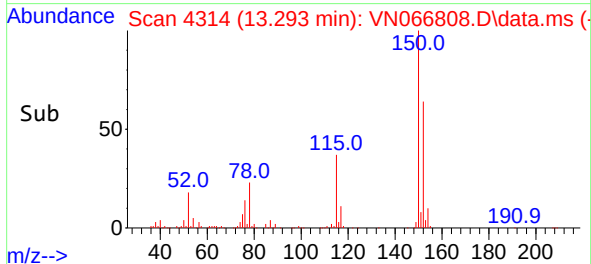
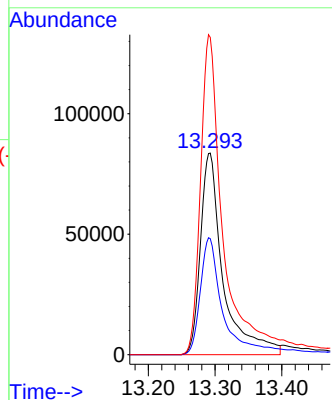
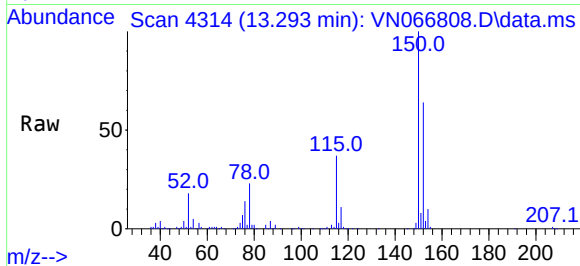




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.293 min Scan# 4314  
Delta R.T. 0.005 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

Instrument :  
MSVOA\_N  
ClientSampled :  
41765

Tgt Ion:152 Resp: 197729  
Ion Ratio Lower Upper  
152 100  
115 58.3 28.5 85.6  
150 160.3 0.0 347.6



#84  
1,2,4-Trimethylbenzene  
Concen: 0.47 ug/l  
RT: 13.001 min Scan# 4205  
Delta R.T. 0.017 min  
Lab File: VN066808.D  
Acq: 28 Apr 2021 13:35

Tgt Ion:105 Resp: 5468  
Ion Ratio Lower Upper  
105 100  
120 39.2 22.4 67.0

