

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011121\  
 Data File : VN065468.D  
 Acq On : 11 Jan 2021 15:15  
 Operator : JC/MD  
 Sample : M1040-03  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 30741

Quant Time: Jan 12 00:08:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122220W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 22 15:42:18 2020  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.630  | 168  | 220634   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.553  | 114  | 362329   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.380 | 117  | 390695   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.318 | 152  | 172270   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 7.991  | 65    | 120779   | 48.49    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 96.98%  |
| 35) Dibromofluoromethane    | 7.553  | 113   | 110376   | 50.49    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 100.98% |
| 50) Toluene-d8              | 10.061 | 98    | 448836   | 54.78    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 109.56% |
| 62) 4-Bromofluorobenzene    | 12.376 | 95    | 181196   | 55.32    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 110.64% |

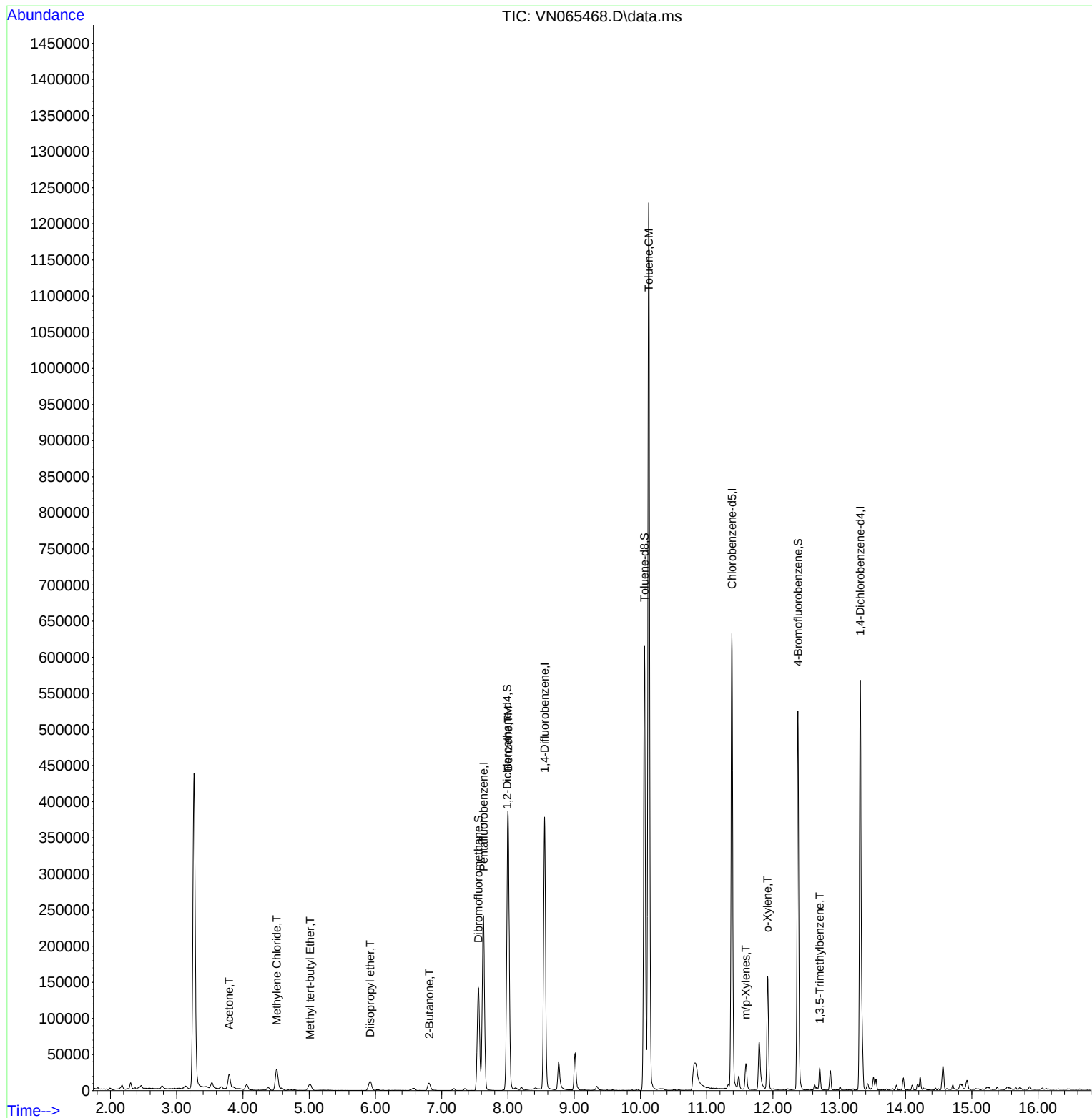
| Target Compounds            |        |     |        |       |      | Qvalue |
|-----------------------------|--------|-----|--------|-------|------|--------|
| 16) Acetone                 | 3.791  | 43  | 31351  | 20.10 | ug/l | 92     |
| 19) Methyl tert-butyl Ether | 5.013  | 73  | 14031  | 2.04  | ug/l | 92     |
| 20) Methylene Chloride      | 4.508  | 84  | 22741  | 9.36  | ug/l | 98     |
| 22) Diisopropyl ether       | 5.920  | 45  | 17088  | 2.40  | ug/l | 98     |
| 25) 2-Butanone              | 6.811  | 43  | 8510   | 6.09  | ug/l | 91     |
| 40) Benzene                 | 8.003  | 78  | 308977 | 31.53 | ug/l | 97     |
| 52) Toluene                 | 10.126 | 92  | 568816 | 92.08 | ug/l | 98     |
| 68) m/p-Xylenes             | 11.592 | 106 | 12487  | 2.31  | ug/l | 98     |
| 69) o-Xylene                | 11.920 | 106 | 45560  | 8.69  | ug/l | 100    |
| 80) 1,3,5-Trimethylbenzene  | 12.707 | 105 | 16864  | 1.51  | ug/l | 98     |

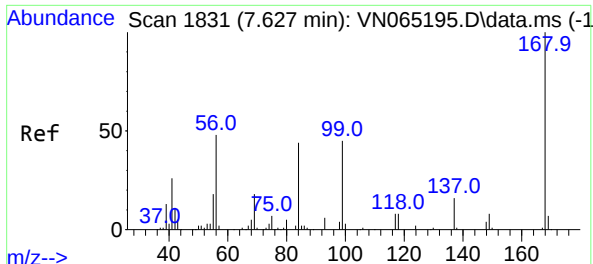
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011121\  
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Quant Time: Jan 12 00:08:33 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122220W.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 22 15:42:18 2020  
Response via : Initial Calibration

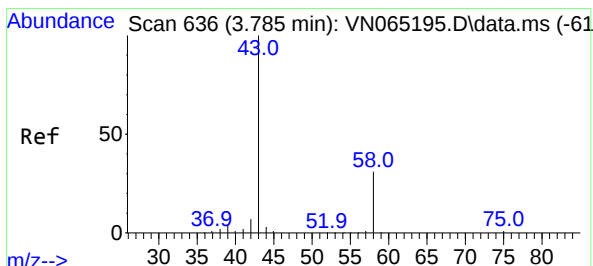
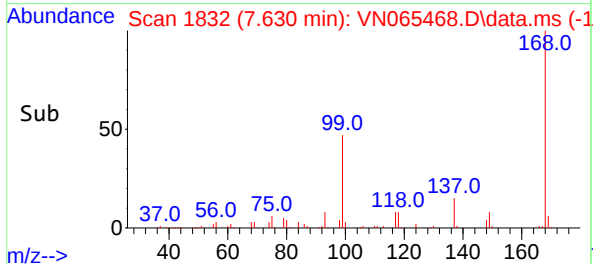
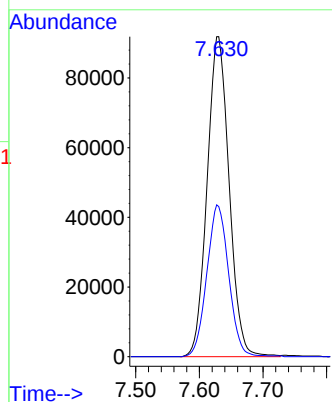
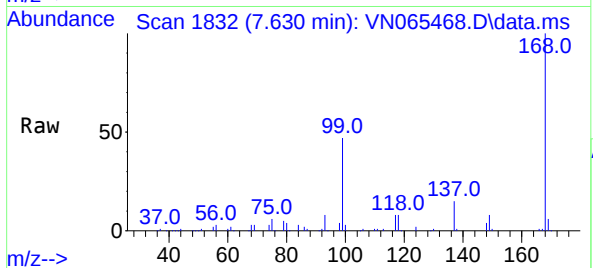




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.630 min Scan# 1832  
Delta R.T. 0.003 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

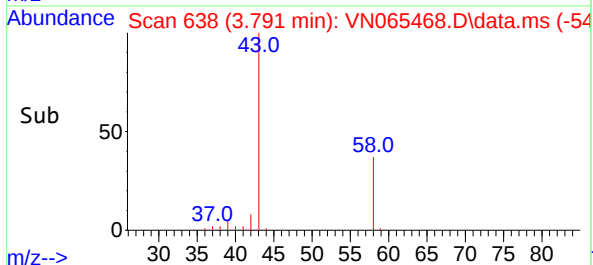
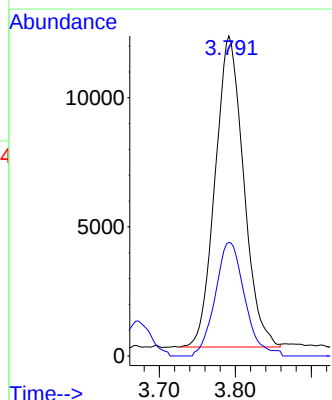
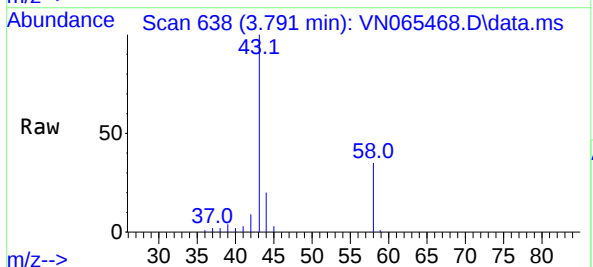
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MSVOA\_N  
ClientSampleId :  
30741

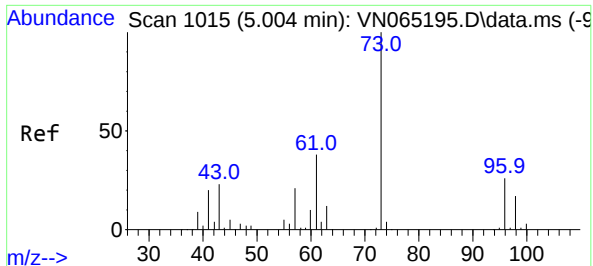
Tgt Ion:168 Resp: 220634  
Ion Ratio Lower Upper  
168 100  
99 46.9 43.0 64.4



#16  
Acetone  
Concen: 20.10 ug/l  
RT: 3.791 min Scan# 638  
Delta R.T. 0.006 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

Tgt Ion: 43 Resp: 31351  
Ion Ratio Lower Upper  
43 100  
58 36.5 25.7 38.5



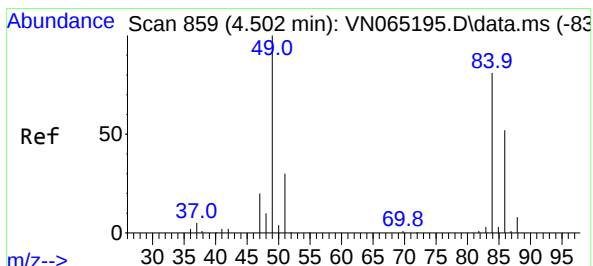
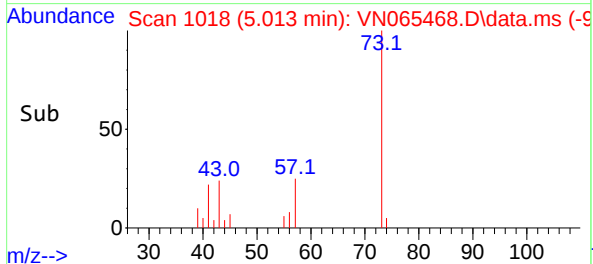
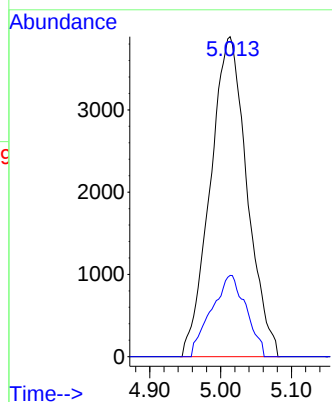
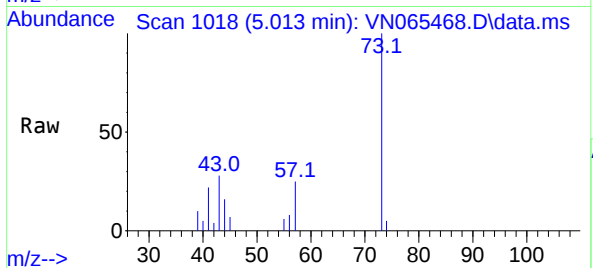


#19

Methyl tert-butyl Ether  
Concen: 2.04 ug/l  
RT: 5.013 min Scan# 1018  
Delta R.T. 0.009 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

Instrument :  
MSVOA\_N  
ClientSampled :  
30741

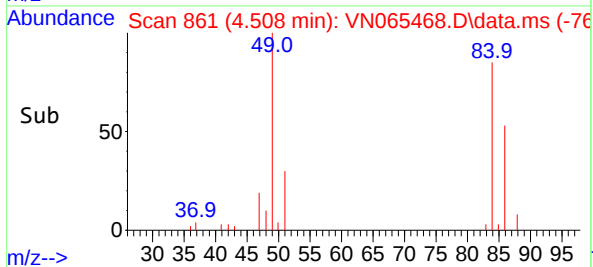
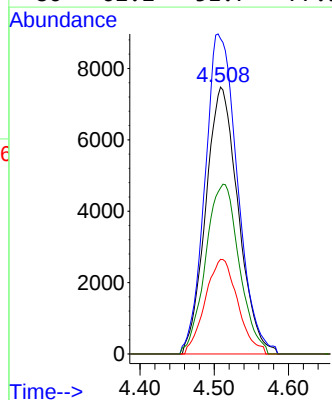
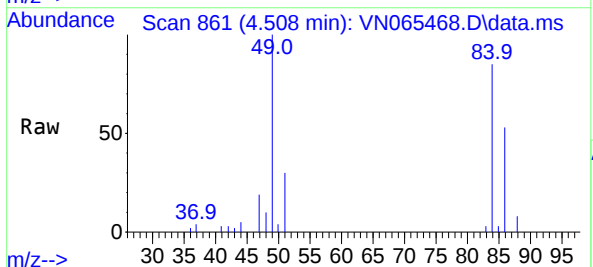
Tgt Ion: 73 Resp: 14031  
Ion Ratio Lower Upper  
73 100  
57 25.4 17.4 26.0

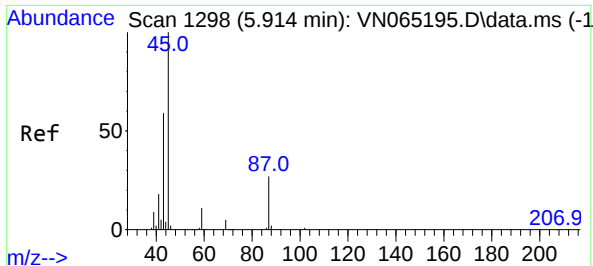


#20

Methylene Chloride  
Concen: 9.36 ug/l  
RT: 4.508 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

Tgt Ion: 84 Resp: 22741  
Ion Ratio Lower Upper  
84 100  
49 118.0 93.4 140.0  
51 35.4 28.2 42.4  
86 62.2 51.7 77.5

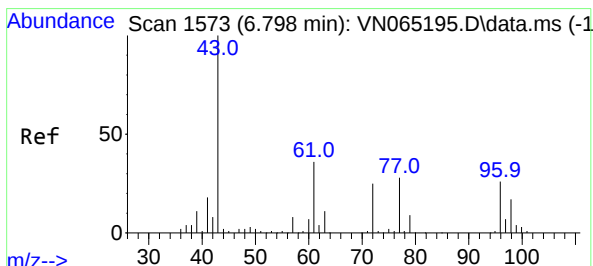
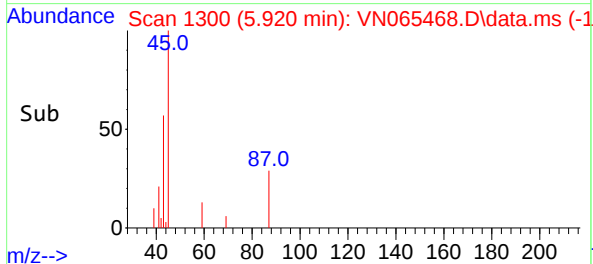
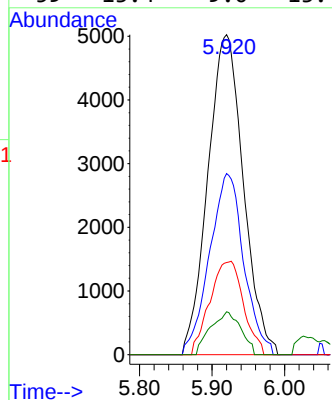
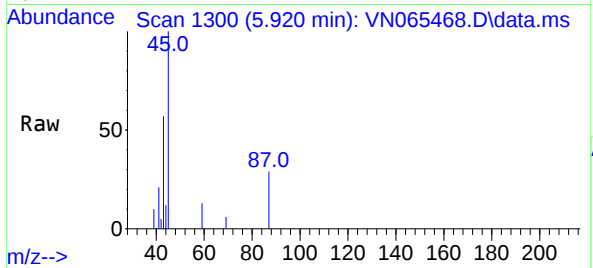




#22  
Diisopropyl ether  
Concen: 2.40 ug/l  
RT: 5.920 min Scan# 1300  
Delta R.T. 0.006 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

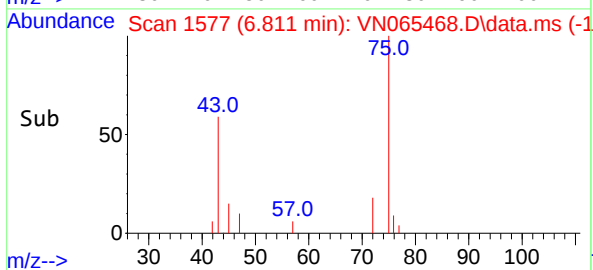
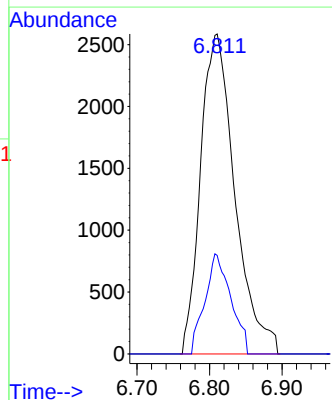
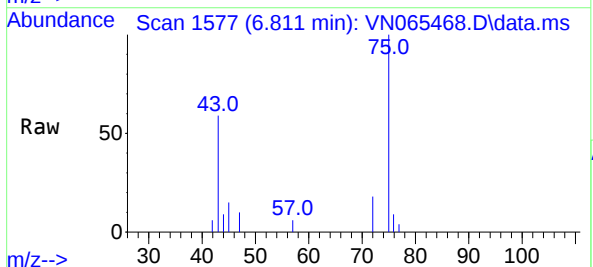
Instrument :  
MSVOA\_N  
ClientSampled :  
30741

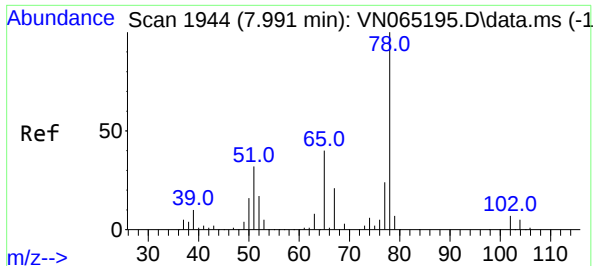
|             |             |
|-------------|-------------|
| Tgt Ion: 45 | Resp: 17088 |
| Ion Ratio   | Lower Upper |
| 45 100      |             |
| 43 56.6     | 46.2 69.2   |
| 87 28.8     | 24.1 36.1   |
| 59 13.4     | 9.0 13.4    |



#25  
2-Butanone  
Concen: 6.09 ug/l  
RT: 6.811 min Scan# 1577  
Delta R.T. 0.013 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 8510  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 72 30.8     | 21.0 31.6   |



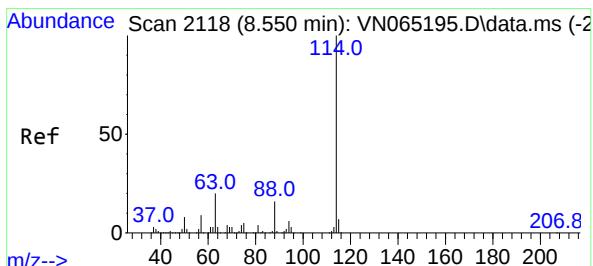
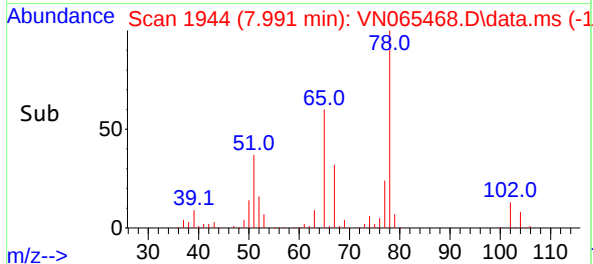
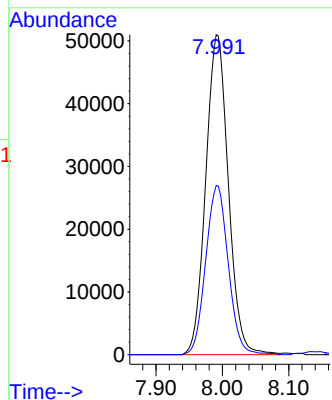
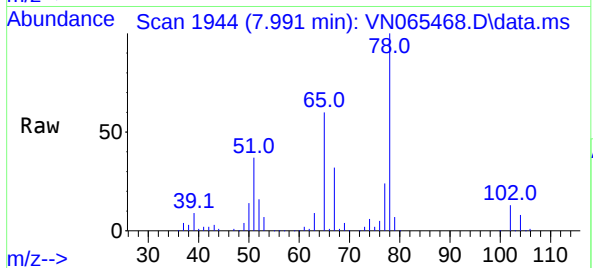


#33

1,2-Dichloroethane-d4  
Concen: 48.49 ug/l  
RT: 7.991 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

Instrument :  
MSVOA\_N  
ClientSampleId :  
30741

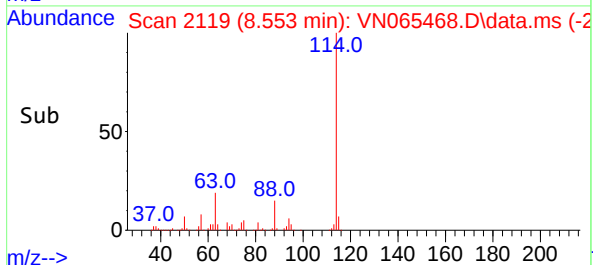
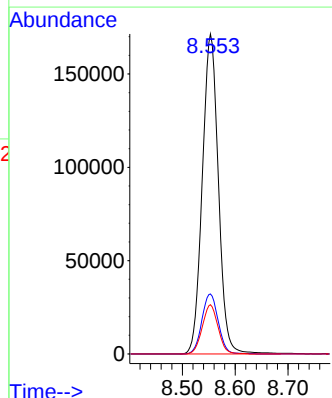
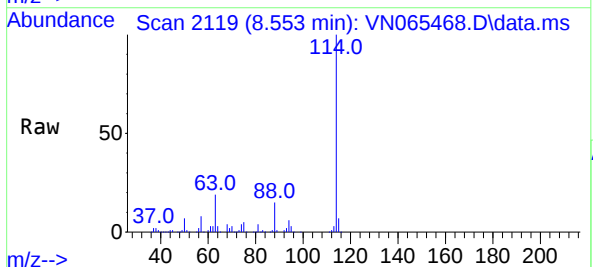
Tgt Ion: 65 Resp: 120779  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 108.2

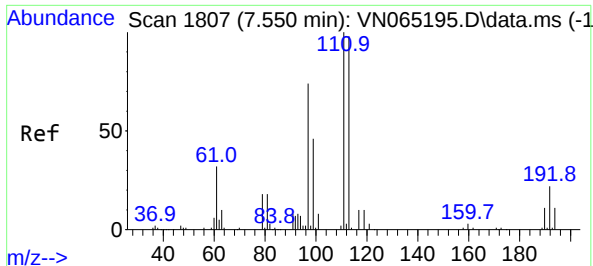


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.553 min Scan# 2119  
Delta R.T. 0.003 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

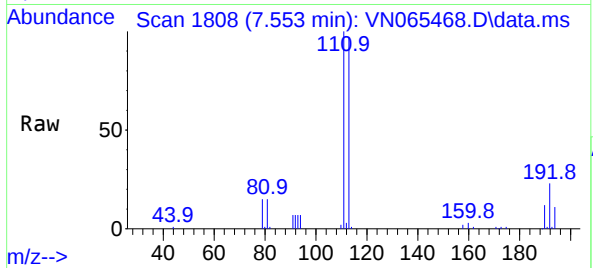
Tgt Ion: 114 Resp: 362329  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 38.6  
88 15.4 0.0 32.6



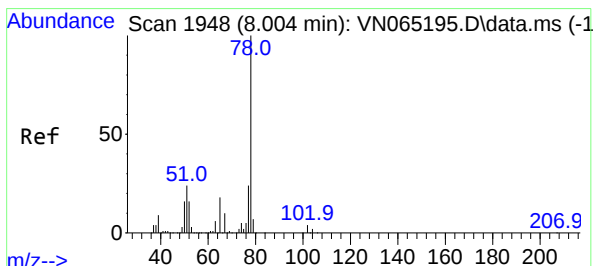
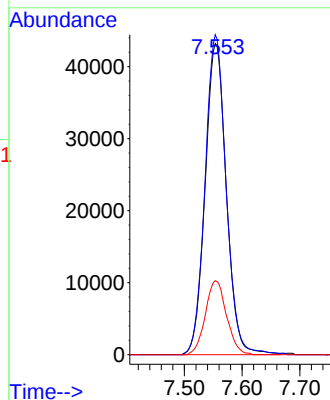
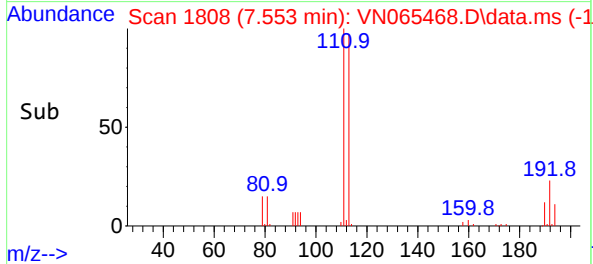


#35  
Dibromofluoromethane  
Concen: 50.49 ug/l  
RT: 7.553 min Scan# 1808  
Delta R.T. 0.003 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

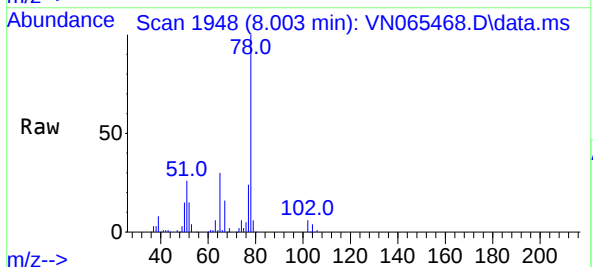
Instrument :  
MSVOA\_N  
ClientSampleId :  
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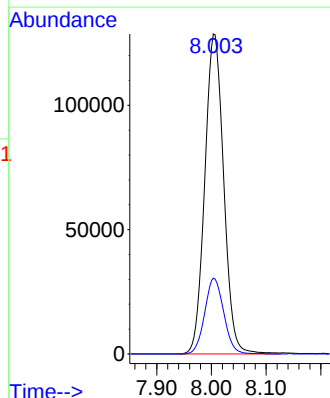
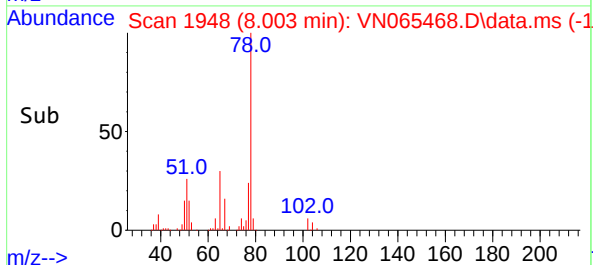
Tgt Ion:113 Resp: 110376  
Ion Ratio Lower Upper  
113 100  
111 102.4 81.6 122.4  
192 23.7 16.2 24.2

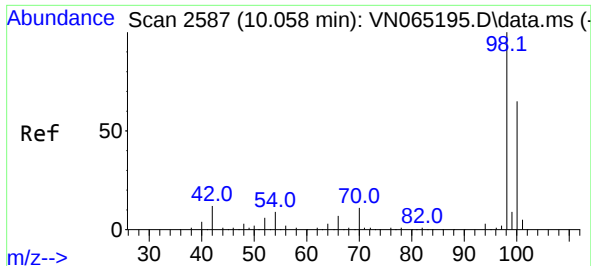


#40  
Benzene  
Concen: 31.53 ug/l  
RT: 8.003 min Scan# 1948  
Delta R.T. -0.001 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15



Tgt Ion: 78 Resp: 308977  
Ion Ratio Lower Upper  
78 100  
77 23.7 17.9 26.9

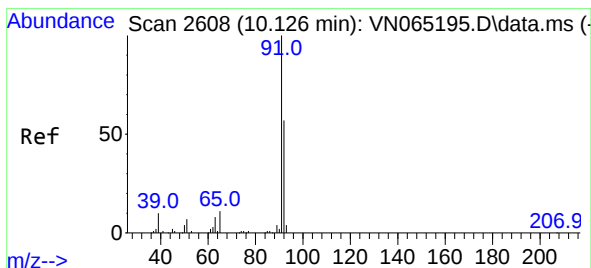
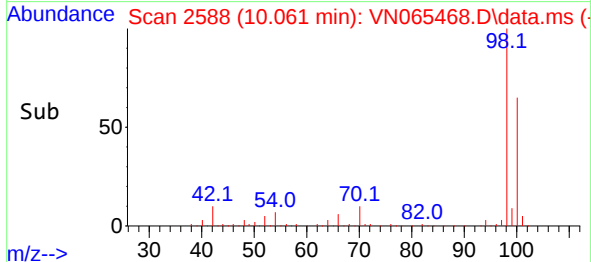
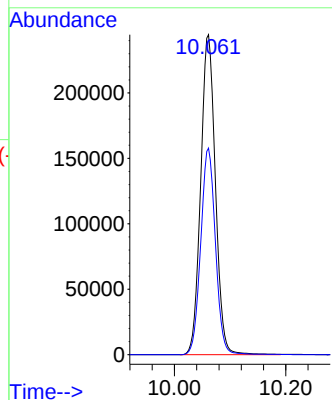
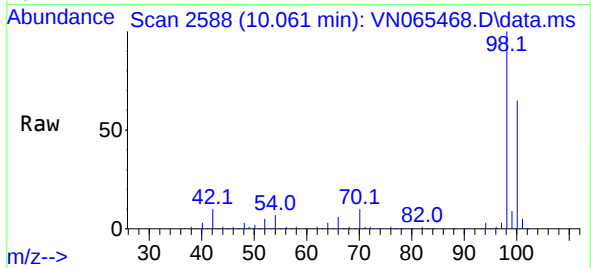




#50  
Toluene-d8  
Concen: 54.78 ug/l  
RT: 10.061 min Scan# 2588  
Delta R.T. 0.003 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

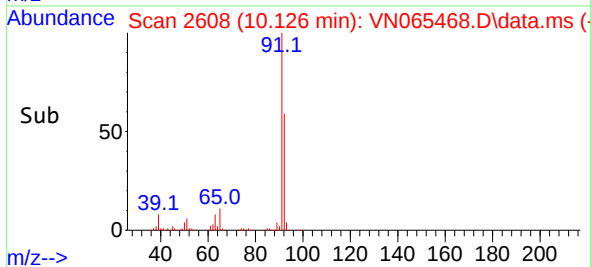
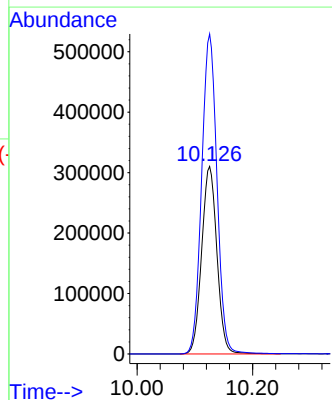
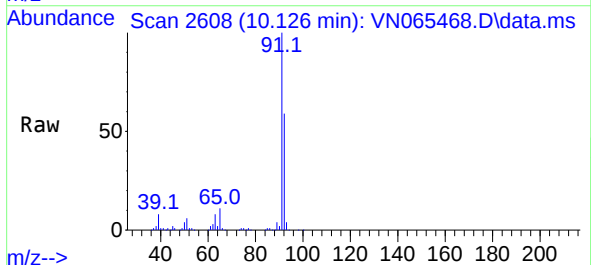
Instrument :  
MSVOA\_N  
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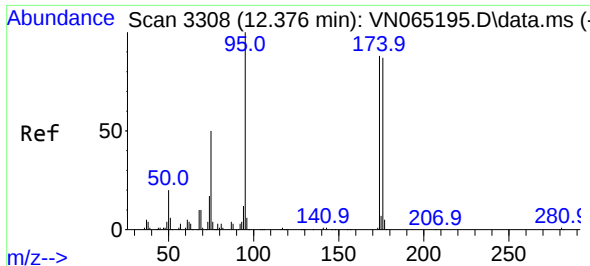
Tgt Ion: 98 Resp: 448836  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.7 77.5



#52  
Toluene  
Concen: 92.08 ug/l  
RT: 10.126 min Scan# 2608  
Delta R.T. -0.000 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

Tgt Ion: 92 Resp: 568816  
Ion Ratio Lower Upper  
92 100  
91 171.7 139.1 208.7

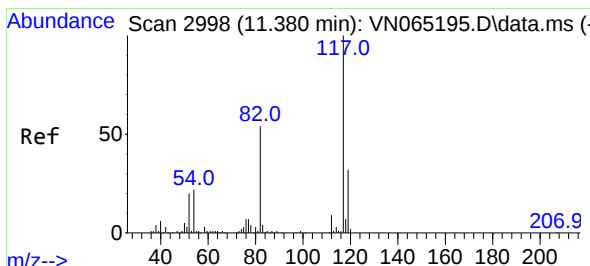
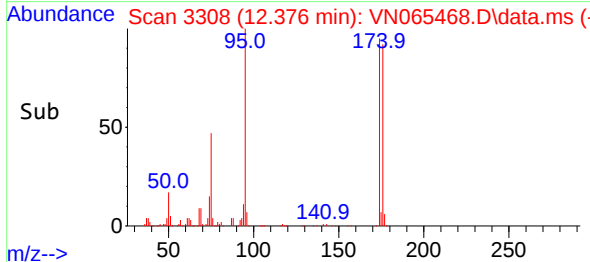
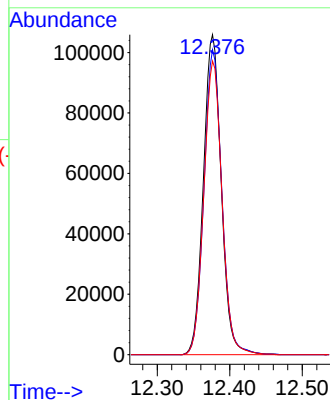
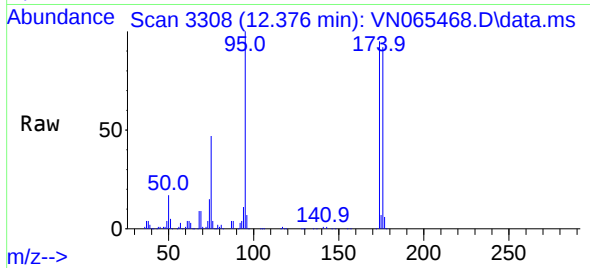




#62  
4-Bromofluorobenzene  
Concen: 55.32 ug/l  
RT: 12.376 min Scan# 3308  
Delta R.T. 0.000 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

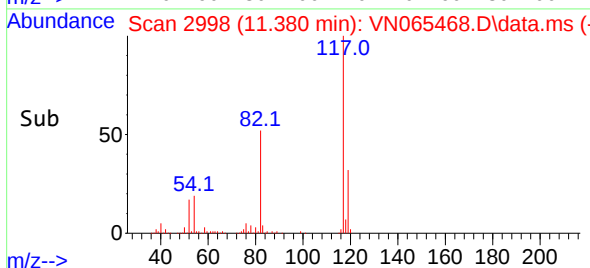
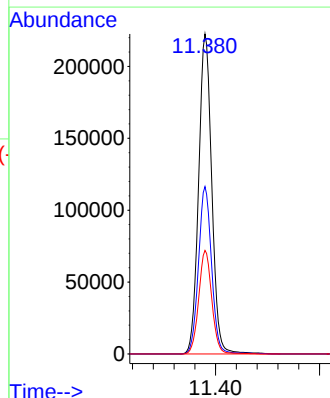
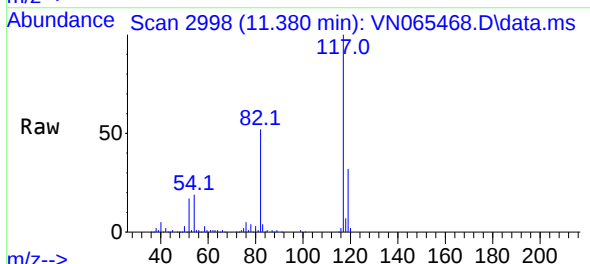
Instrument :  
MSVOA\_N  
ClientSampled :  
30741

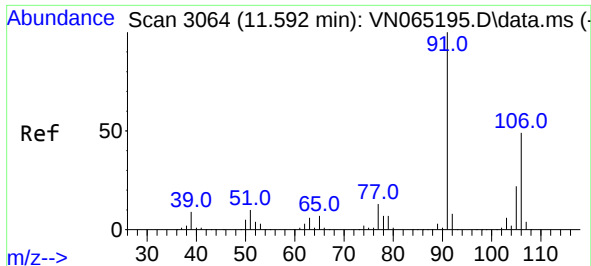
Tgt Ion: 95 Resp: 181196  
Ion Ratio Lower Upper  
95 100  
174 95.5 0.0 160.4  
176 93.5 0.0 158.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.380 min Scan# 2998  
Delta R.T. -0.001 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

Tgt Ion: 117 Resp: 390695  
Ion Ratio Lower Upper  
117 100  
82 52.3 44.2 66.2  
119 32.4 25.8 38.6

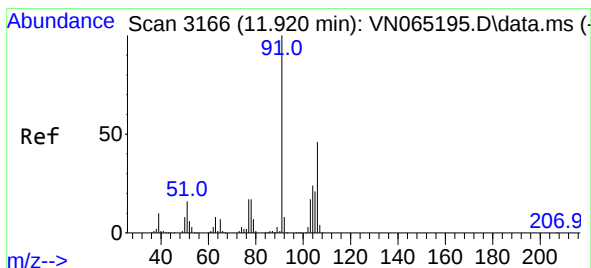
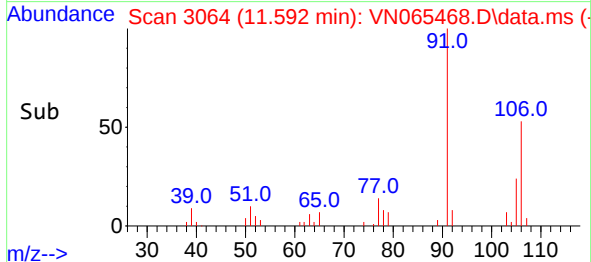
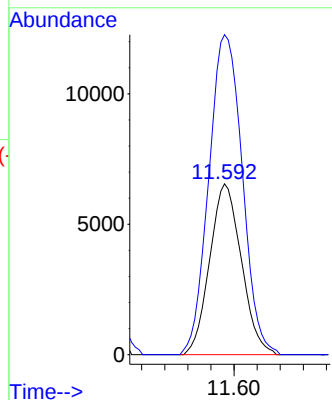
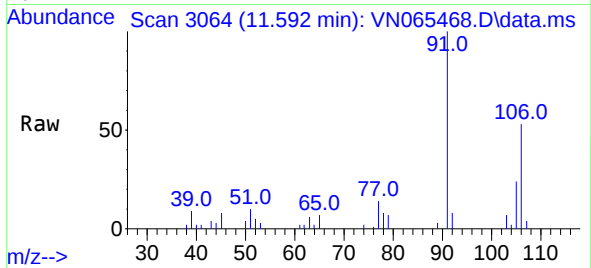




#68  
m/p-Xylenes  
Concen: 2.31 ug/l  
RT: 11.592 min Scan# 3064  
Delta R.T. -0.000 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

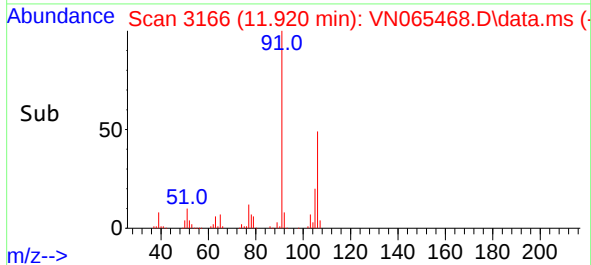
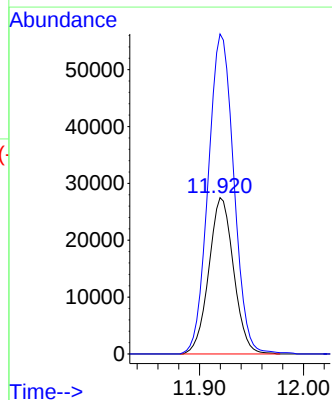
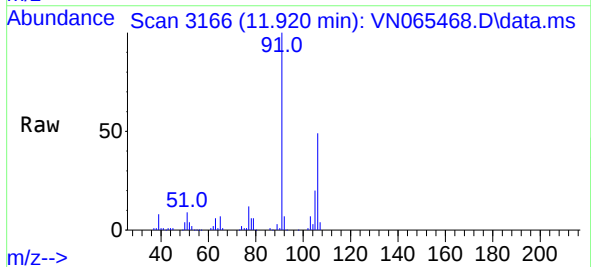
Instrument :  
MSVOA\_N  
ClientSampled :  
30741

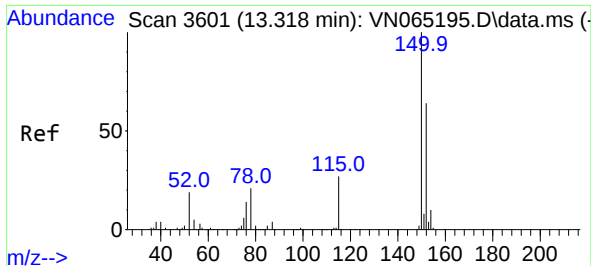
Tgt Ion:106 Resp: 12487  
Ion Ratio Lower Upper  
106 100  
91 198.0 161.0 241.4



#69  
o-Xylene  
Concen: 8.69 ug/l  
RT: 11.920 min Scan# 3166  
Delta R.T. -0.000 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

Tgt Ion:106 Resp: 45560  
Ion Ratio Lower Upper  
106 100  
91 211.4 105.5 316.5

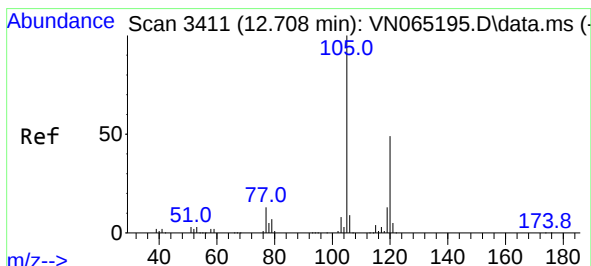
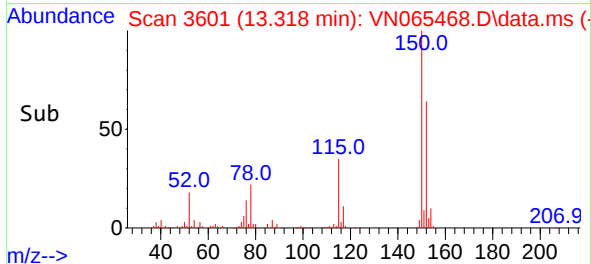
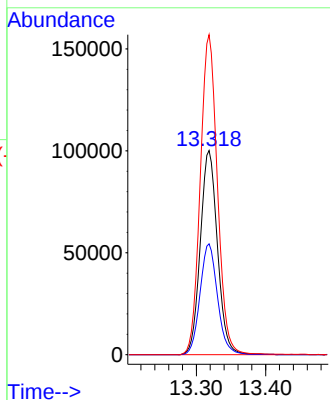
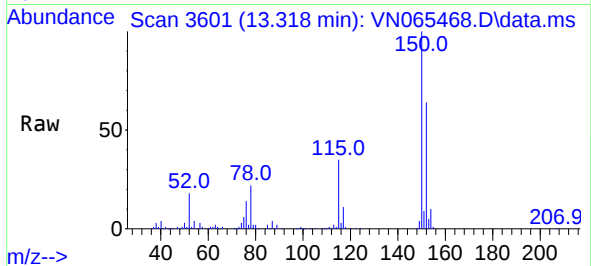




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.318 min Scan# 3601  
Delta R.T. 0.000 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

Instrument :  
MSVOA\_N  
ClientSampled :  
30741

Tgt Ion:152 Resp: 172270  
Ion Ratio Lower Upper  
152 100  
115 55.2 29.7 89.1  
150 156.3 0.0 350.6



#80  
1,3,5-Trimethylbenzene  
Concen: 1.51 ug/l  
RT: 12.707 min Scan# 3411  
Delta R.T. -0.001 min  
Lab File: VN065468.D  
Acq: 11 Jan 2021 15:15

Tgt Ion:105 Resp: 16864  
Ion Ratio Lower Upper  
105 100  
120 50.8 24.6 73.6

