

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN123120\  
 Data File : VN065352.D  
 Acq On : 31 Dec 2020 17:59  
 Operator : JC/MD  
 Sample : L5241-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 JG-OWS-4

Quant Time: Jan 01 01:52:30 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

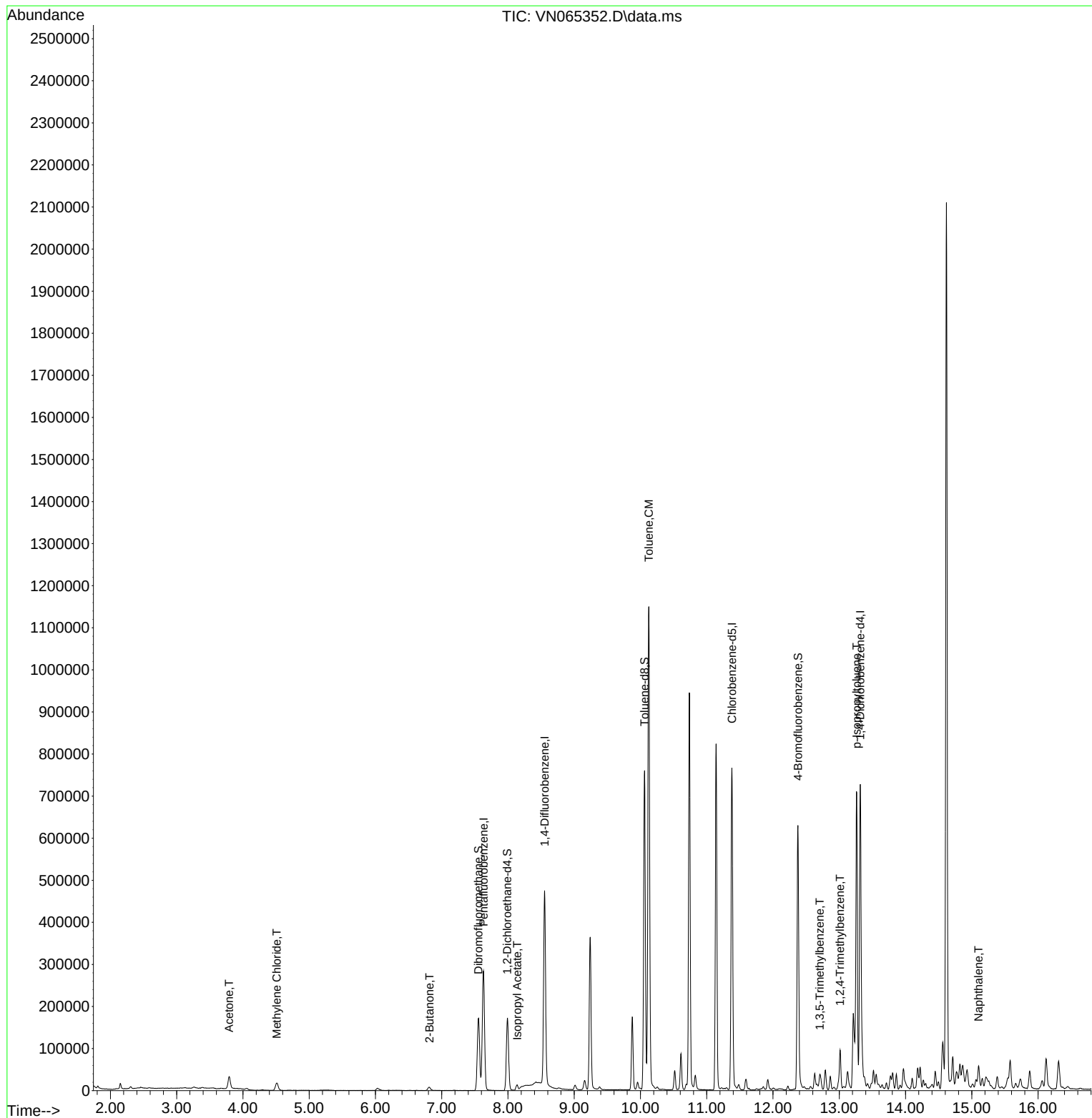
| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 7.630  | 168   | 257210   | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.553  | 114   | 436982   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 11.379 | 117   | 471324   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.318 | 152   | 216105   | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 7.991  | 65    | 148834   | 51.26    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 102.52% |          |
| 35) Dibromofluoromethane    | 7.553  | 113   | 133071   | 50.48    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 100.96% |          |
| 50) Toluene-d8              | 10.061 | 98    | 546496   | 55.31    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 110.62% |          |
| 62) 4-Bromofluorobenzene    | 12.376 | 95    | 219980   | 55.65    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 111.30% |          |
| Target Compounds            |        |       |          |          |           |          |
| 16) Acetone                 | 3.791  | 43    | 46125    | 28.31    | ug/l      | 95       |
| 20) Methylene Chloride      | 4.512  | 84    | 13780    | 4.86     | ug/l      | 97       |
| 25) 2-Butanone              | 6.814  | 43    | 10001    | 6.14     | ug/l      | 95       |
| 43) Isopropyl Acetate       | 8.138  | 43    | 16325    | 2.41     | ug/l      | 94       |
| 52) Toluene                 | 10.126 | 92    | 519600   | 69.75    | ug/l      | 100      |
| 80) 1,3,5-Trimethylbenzene  | 12.707 | 105   | 16018    | 1.14     | ug/l      | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.013 | 105   | 53317    | 3.90     | ug/l      | 99       |
| 86) p-Isopropyltoluene      | 13.264 | 119   | 425342   | 29.25    | ug/l      | 97       |
| 95) Naphthalene             | 15.103 | 128   | 46262    | 7.22     | ug/l      | 99       |
| -----                       |        |       |          |          |           |          |

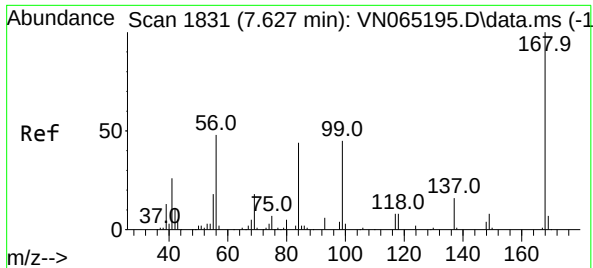
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : L5241-02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
JG-OWS-4

Quant Time: Jan 01 01:52:30 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

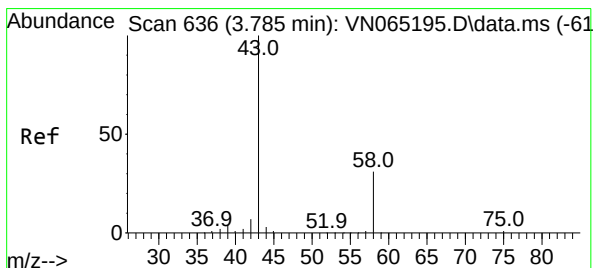
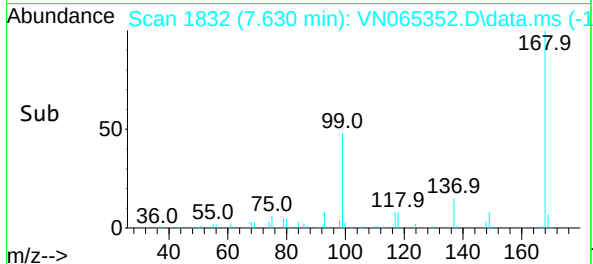
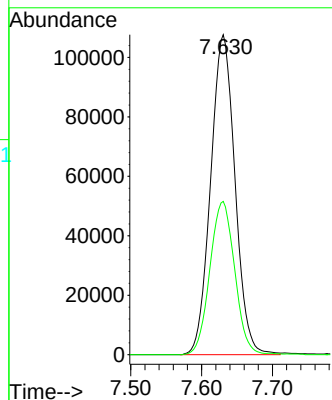
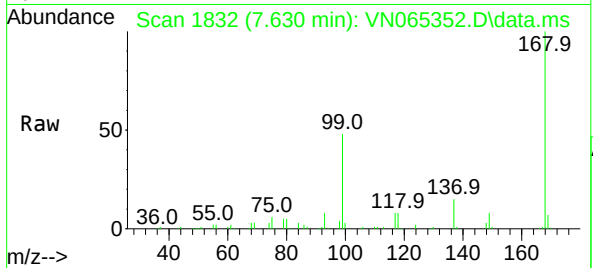




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.630 min Scan# 1832  
Delta R.T. 0.003 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

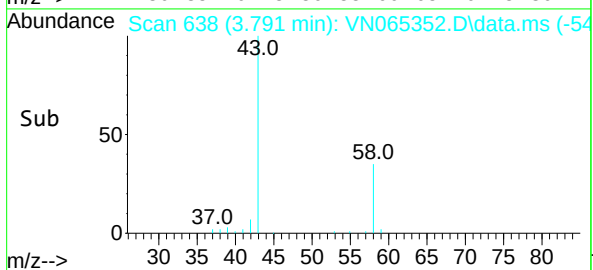
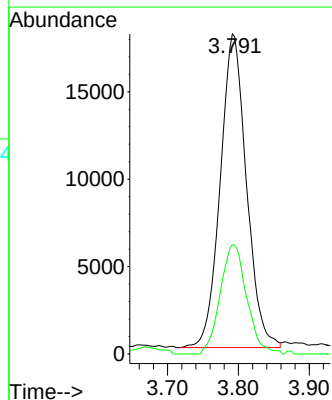
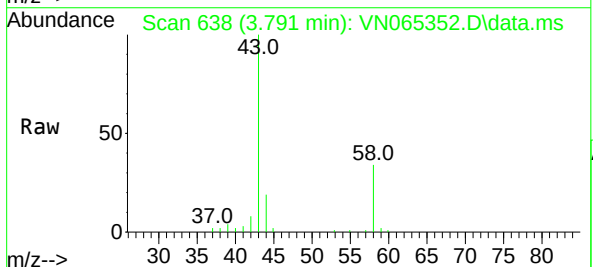
Instrument :  
MSVOA\_N  
ClientSampleId :  
JG-OWS-4

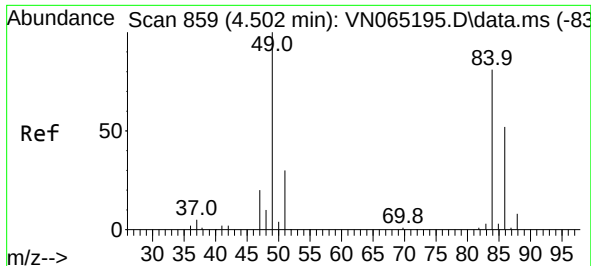
Tgt Ion:168 Resp: 257210  
Ion Ratio Lower Upper  
168 100  
99 47.9 43.0 64.4



#16  
Acetone  
Concen: 28.31 ug/l  
RT: 3.791 min Scan# 638  
Delta R.T. 0.006 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

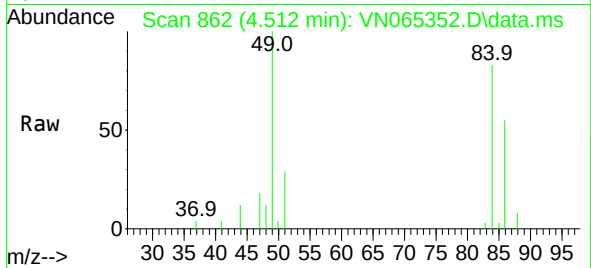
Tgt Ion: 43 Resp: 46125  
Ion Ratio Lower Upper  
43 100  
58 34.9 25.7 38.5



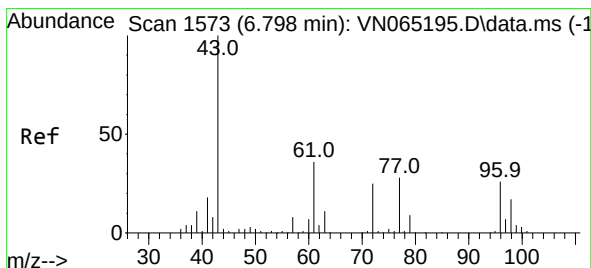
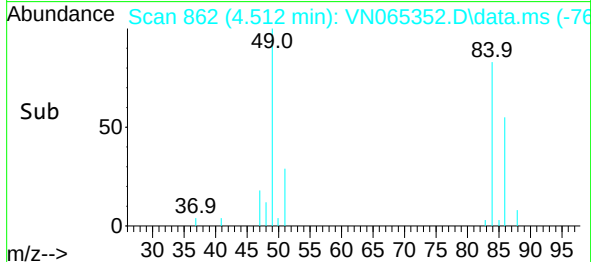
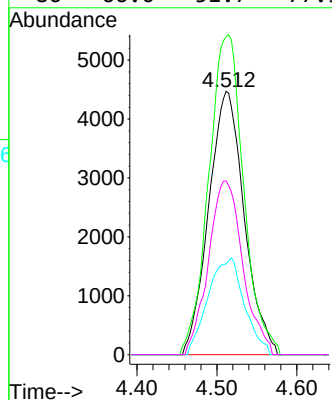


#20  
Methylene Chloride  
Concen: 4.86 ug/l  
RT: 4.512 min Scan# 862  
Delta R.T. 0.010 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

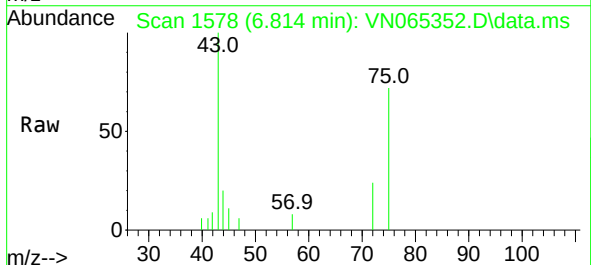
Instrument :  
MSVOA\_N  
ClientSampled :  
JG-OWS-4



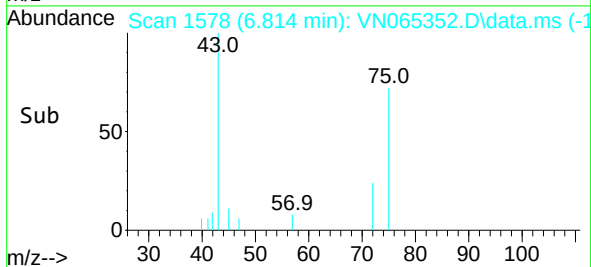
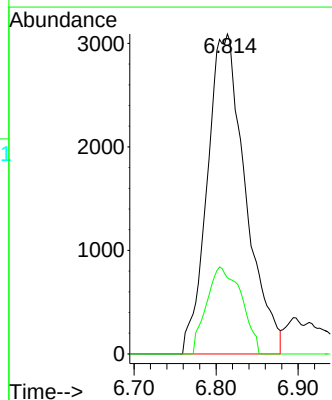
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 13780 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 120.8 | 93.4  | 140.0 |
| 51       | 34.5  | 28.2  | 42.4  |
| 86       | 66.0  | 51.7  | 77.5  |

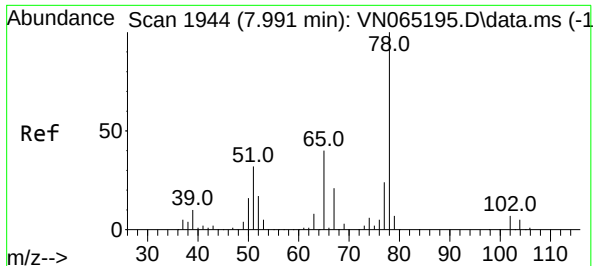


#25  
2-Butanone  
Concen: 6.14 ug/l  
RT: 6.814 min Scan# 1578  
Delta R.T. 0.016 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 10001 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 23.8  | 21.0  | 31.6  |

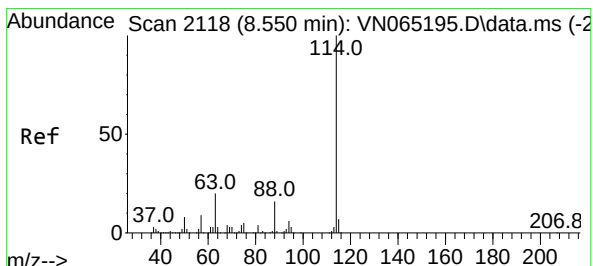
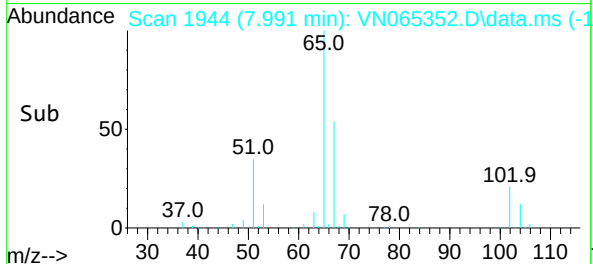
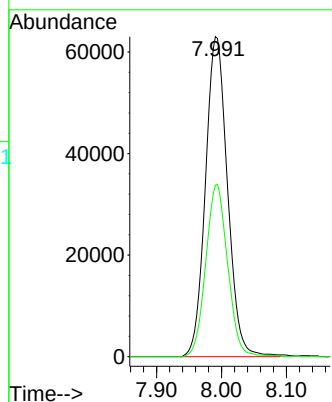
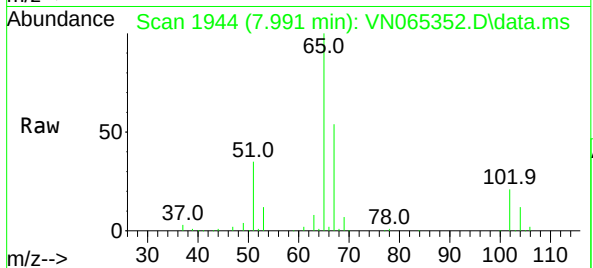




#33  
1,2-Dichloroethane-d4  
Concen: 51.26 ug/l  
RT: 7.991 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

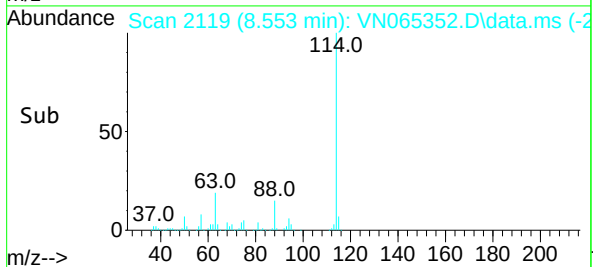
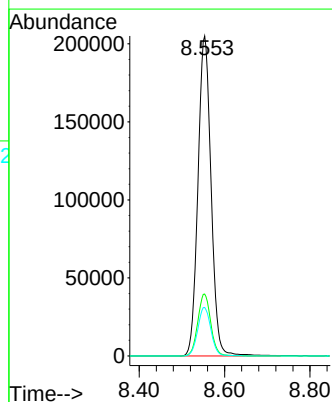
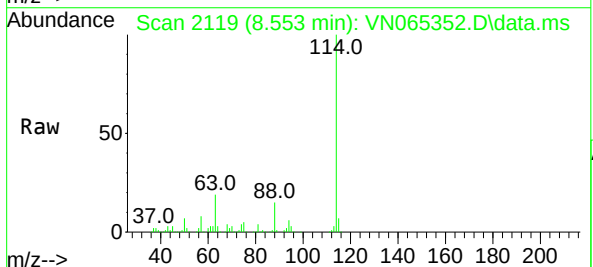
Instrument :  
MSVOA\_N  
ClientSampleId :  
JG-OWS-4

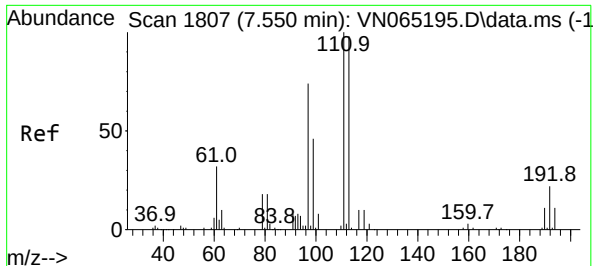
Tgt Ion: 65 Resp: 148834  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 108.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.553 min Scan# 2119  
Delta R.T. 0.003 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

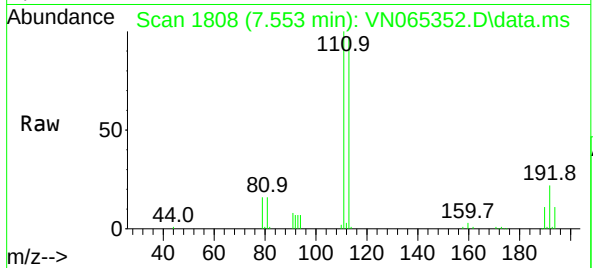
Tgt Ion: 114 Resp: 436982  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 38.6  
88 15.1 0.0 32.6



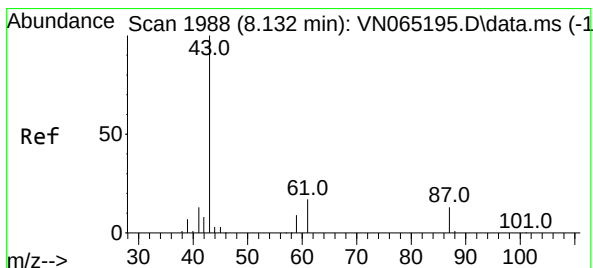
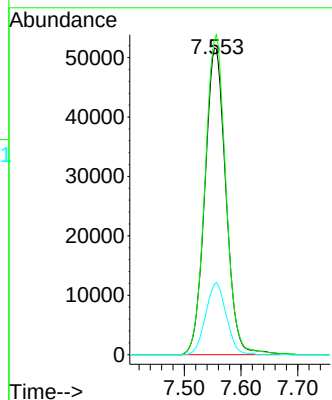
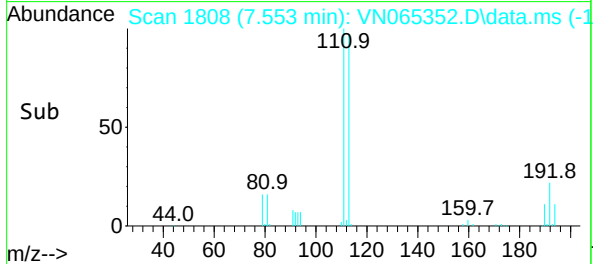


#35  
Dibromofluoromethane  
Concen: 50.48 ug/l  
RT: 7.553 min Scan# 1808  
Delta R.T. 0.003 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

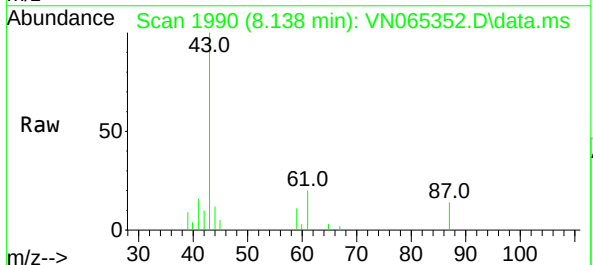
Instrument :  
MSVOA\_N  
ClientSampleId :  
JG-OWS-4



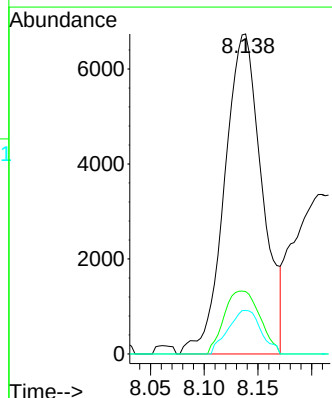
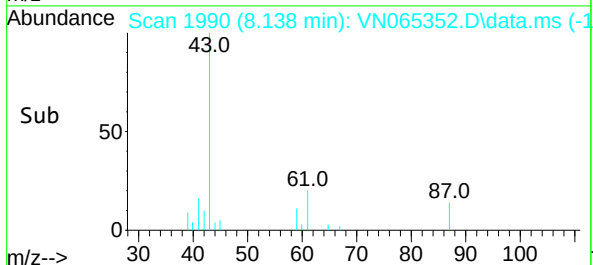
Tgt Ion:113 Resp: 133071  
Ion Ratio Lower Upper  
113 100  
111 103.6 81.6 122.4  
192 23.0 16.2 24.2

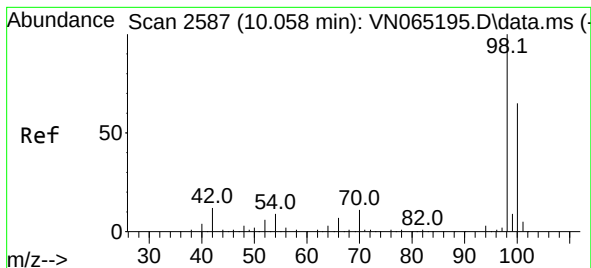


#43  
Isopropyl Acetate  
Concen: 2.41 ug/l  
RT: 8.138 min Scan# 1990  
Delta R.T. 0.006 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59



Tgt Ion: 43 Resp: 16325  
Ion Ratio Lower Upper  
43 100  
61 18.8 17.2 25.8  
87 11.9 11.4 17.0

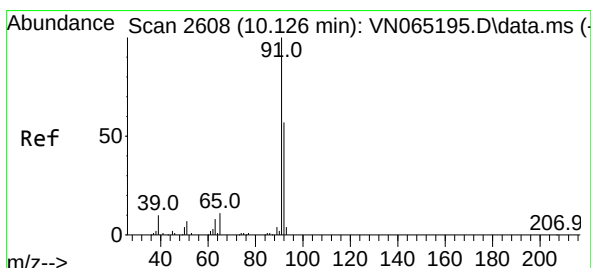
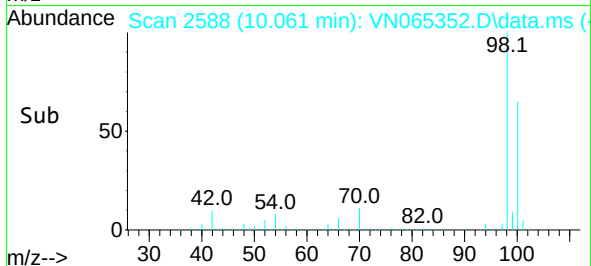
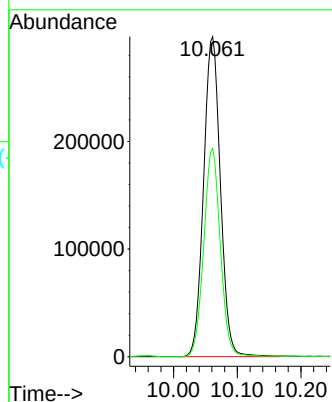
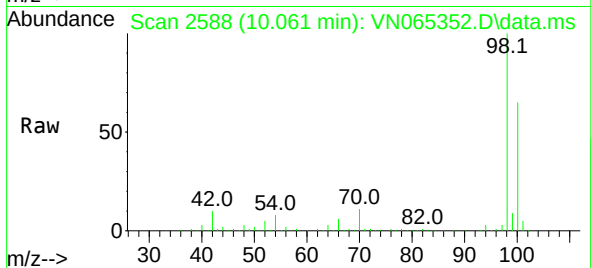




#50  
Toluene-d8  
Concen: 55.31 ug/l  
RT: 10.061 min Scan# 2588  
Delta R.T. 0.003 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

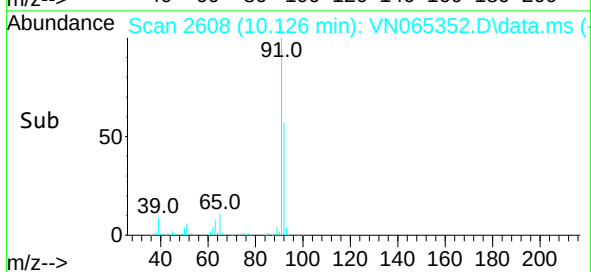
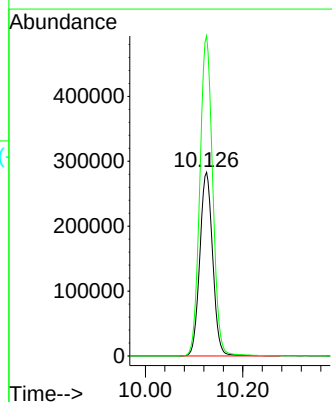
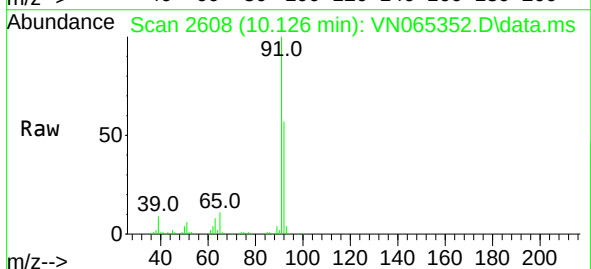
Instrument :  
MSVOA\_N  
ClientSampleId :  
JG-OWS-4

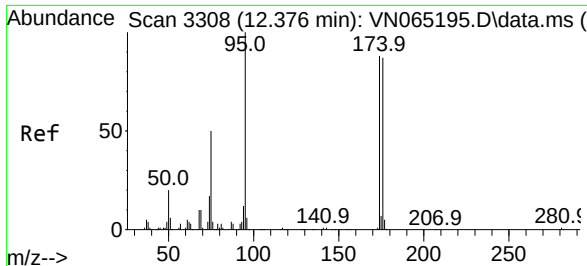
Tgt Ion: 98 Resp: 546496  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.7 77.5



#52  
Toluene  
Concen: 69.75 ug/l  
RT: 10.126 min Scan# 2608  
Delta R.T. -0.000 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

Tgt Ion: 92 Resp: 519600  
Ion Ratio Lower Upper  
92 100  
91 174.3 139.1 208.7

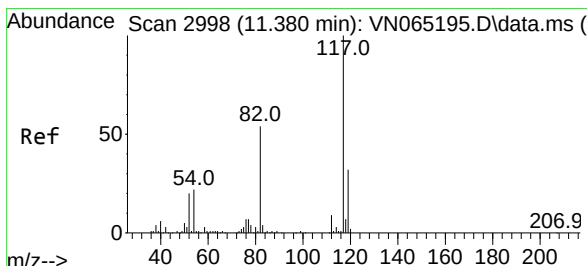
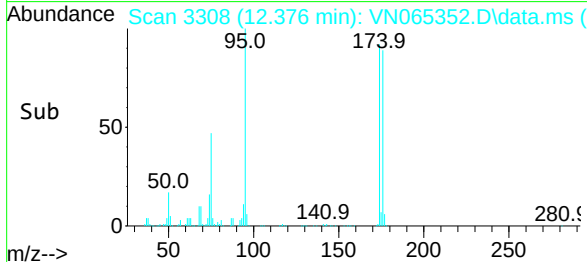
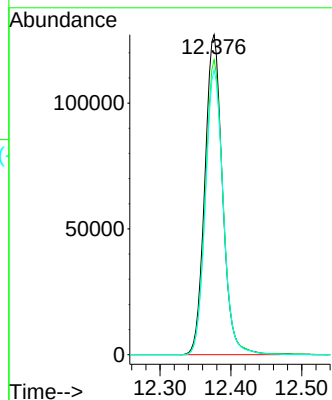
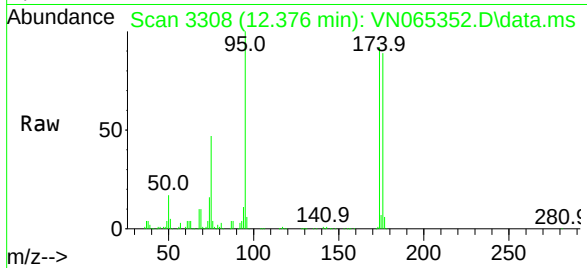




#62  
4-Bromofluorobenzene  
Concen: 55.65 ug/l  
RT: 12.376 min Scan# 3308  
Delta R.T. 0.000 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

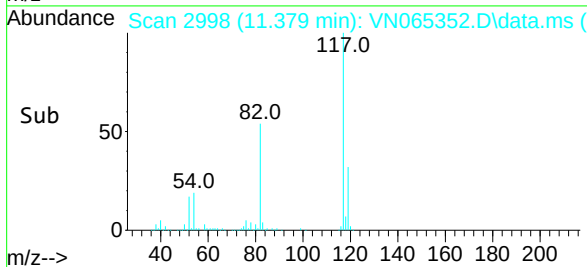
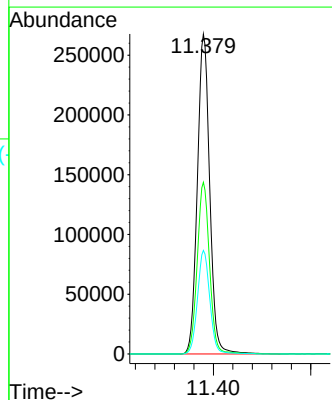
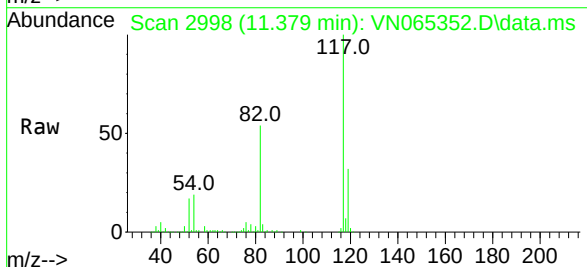
Instrument :  
MSVOA\_N  
ClientSampleId :  
JG-OWS-4

Tgt Ion: 95 Resp: 219980  
Ion Ratio Lower Upper  
95 100  
174 92.8 0.0 160.4  
176 89.7 0.0 158.4

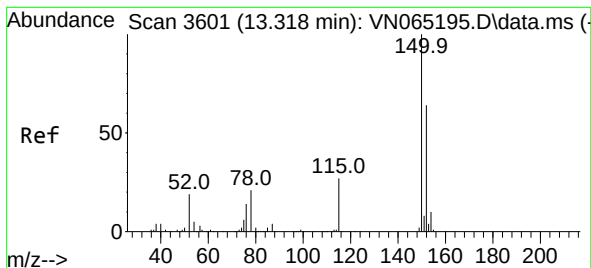


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.379 min Scan# 2998  
Delta R.T. -0.001 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

Tgt Ion: 117 Resp: 471324  
Ion Ratio Lower Upper  
117 100  
82 53.7 44.2 66.2  
119 32.4 25.8 38.6



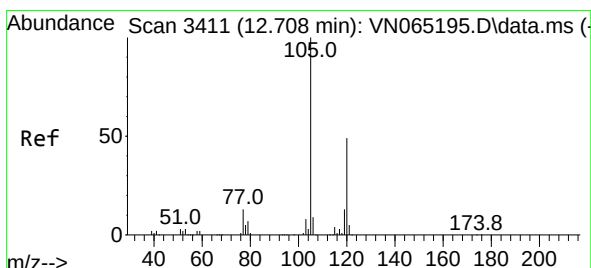
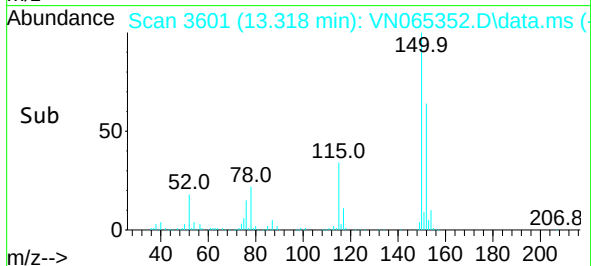
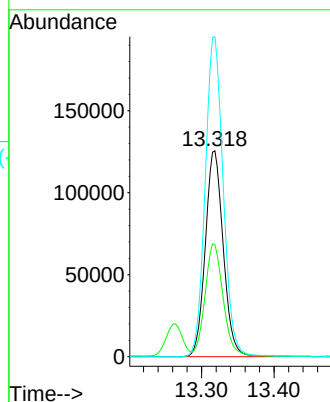
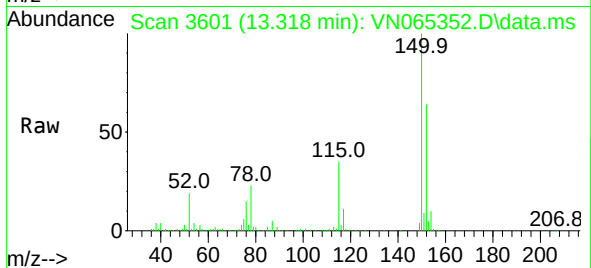




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.318 min Scan# 3601  
Delta R.T. 0.000 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

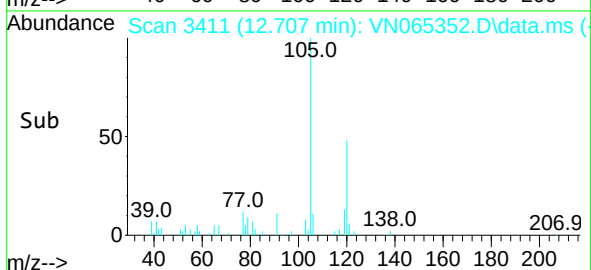
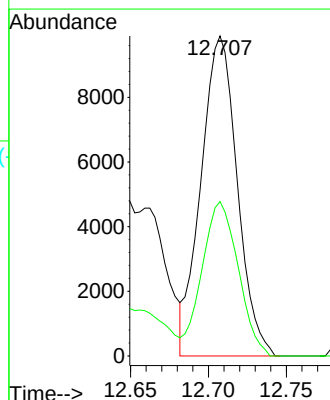
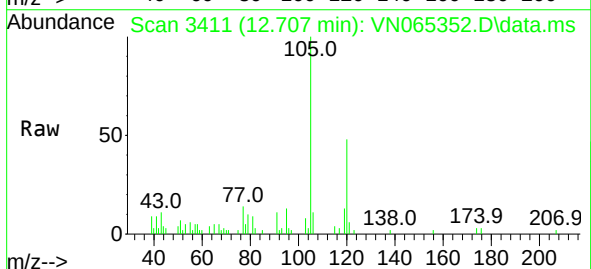
Instrument :  
MSVOA\_N  
ClientSampleId :  
JG-OWS-4

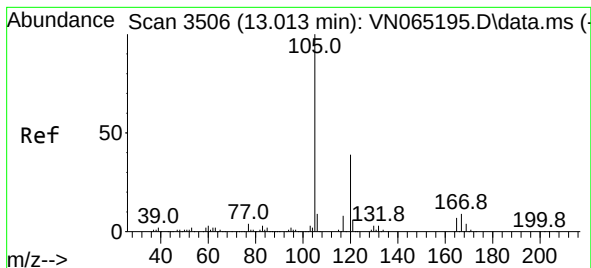
Tgt Ion:152 Resp: 216105  
Ion Ratio Lower Upper  
152 100  
115 55.3 29.7 89.1  
150 155.7 0.0 350.6



#80  
1,3,5-Trimethylbenzene  
Concen: 1.14 ug/l  
RT: 12.707 min Scan# 3411  
Delta R.T. -0.001 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

Tgt Ion:105 Resp: 16018  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.6 73.6





#84

1,2,4-Trimethylbenzene

Concen: 3.90 ug/l

RT: 13.013 min Scan# 3506

Delta R.T. -0.000 min

Lab File: VN065352.D

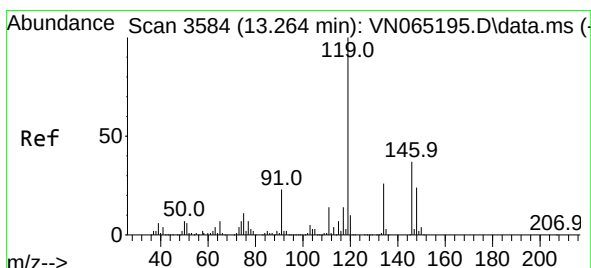
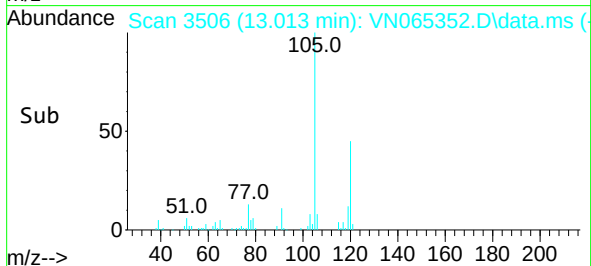
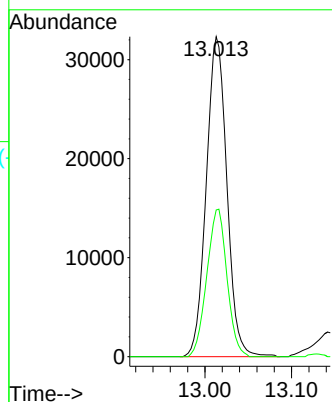
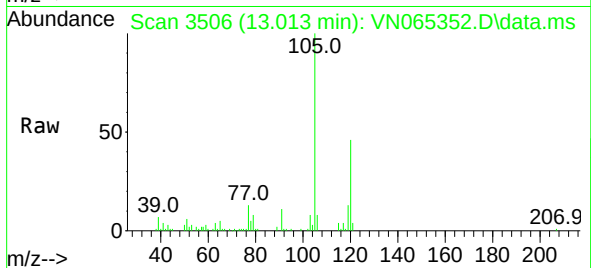
Acq: 31 Dec 2020 17:59

Tgt Ion:105 Resp: 53317

Ion Ratio Lower Upper

105 100

120 45.2 23.1 69.2



#86

p-Isopropyltoluene

Concen: 29.25 ug/l

RT: 13.264 min Scan# 3584

Delta R.T. -0.000 min

Lab File: VN065352.D

Acq: 31 Dec 2020 17:59

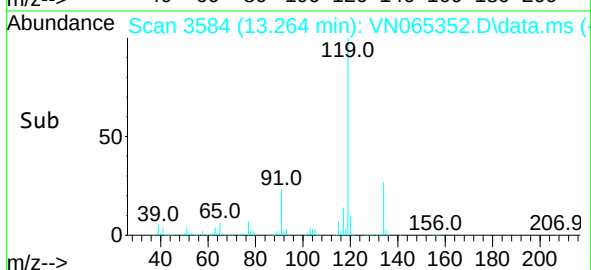
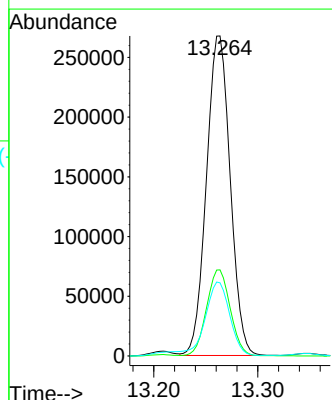
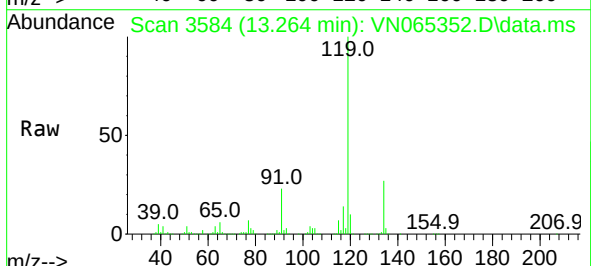
Tgt Ion:119 Resp: 425342

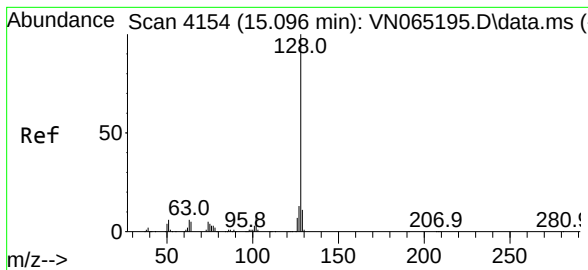
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

91 25.3 11.5 34.5





#95  
Naphthalene  
Concen: 7.22 ug/l  
RT: 15.103 min Scan# 4156  
Delta R.T. 0.007 min  
Lab File: VN065352.D  
Acq: 31 Dec 2020 17:59

Instrument :  
MSVOA\_N  
ClientSampleId :  
JG-OWS-4

Tgt Ion:128 Resp: 46262  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 11.8 8.7 13.1

