

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041521\  
 Data File : VN066621.D  
 Acq On : 15 Apr 2021 19:05  
 Operator : JC/MD  
 Sample : M2043-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 FS-WC-WATER

Quant Time: Apr 16 07:54:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041521W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 15 19:16:35 2021  
 Response via : Initial Calibration

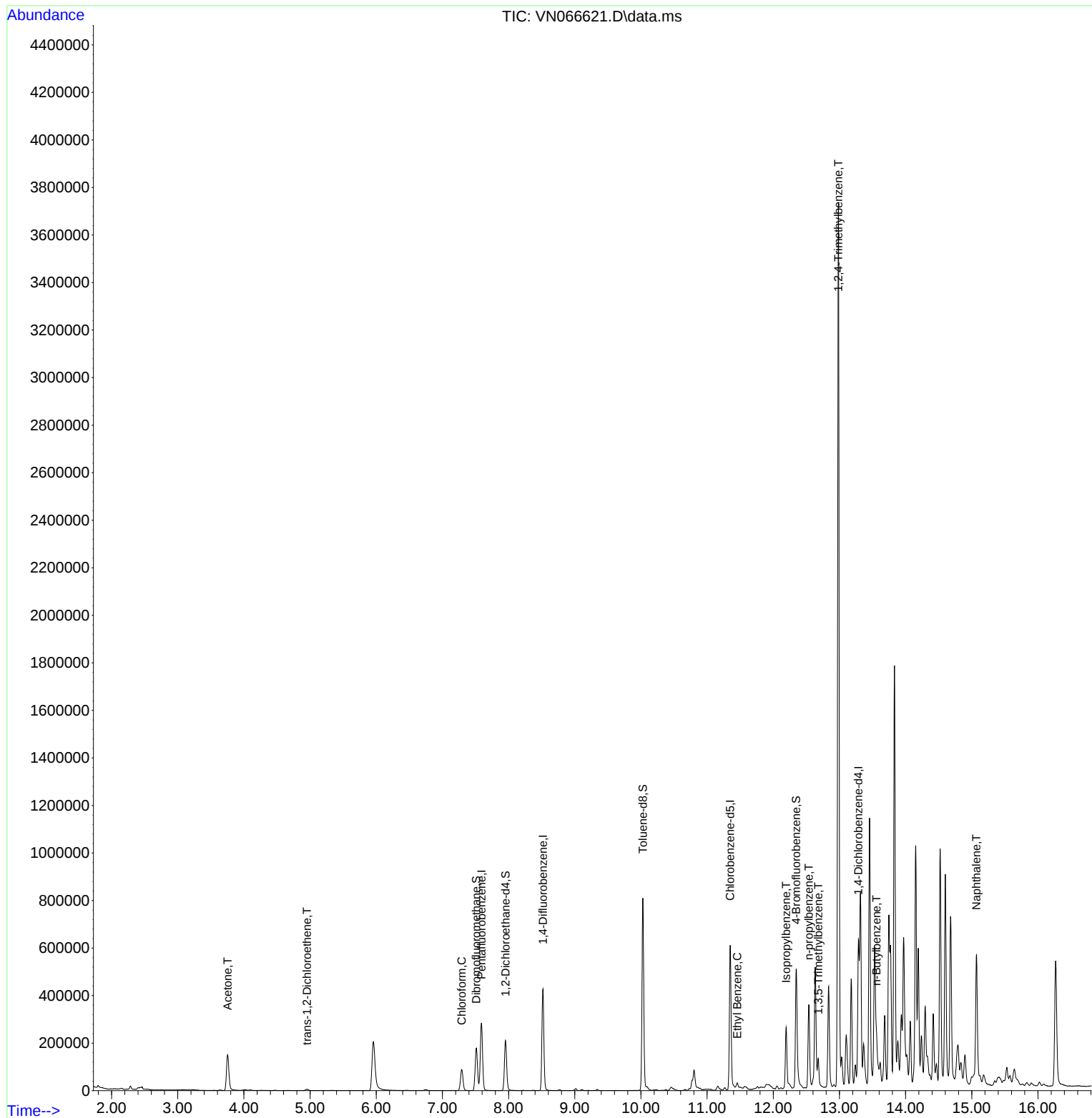
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.591  | 168   | 240876   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.519  | 114   | 379450   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.348 | 117   | 360264   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.287 | 152   | 177827   | 50.00    | ug/l   | 0.00     |
|                              |        |       |          |          |        |          |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 7.953  | 65    | 180948   | 49.80    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 99.60%   |
| 35) Dibromofluoromethane     | 7.513  | 113   | 140752   | 53.49    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 106.98%  |
| 50) Toluene-d8               | 10.029 | 98    | 553084   | 53.63    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 107.26%  |
| 62) 4-Bromofluorobenzene     | 12.346 | 95    | 196487   | 54.18    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 108.36%  |
|                              |        |       |          |          |        |          |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 16) Acetone                  | 3.753  | 43    | 256192   | 195.38   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 4.955  | 96    | 4167     | 1.49     | ug/l   | 95       |
| 30) Chloroform               | 7.291  | 83    | 95139    | 17.45    | ug/l   | 98       |
| 67) Ethyl Benzene            | 11.456 | 91    | 13795    | 1.01     | ug/l   | 98       |
| 73) Isopropylbenzene         | 12.193 | 105   | 177043   | 13.07    | ug/l   | 100      |
| 78) n-propylbenzene          | 12.537 | 91    | 302028   | 19.29    | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene   | 12.679 | 105   | 64327    | 5.63     | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene   | 12.984 | 105   | 2053268  | 190.33   | ug/l   | 99       |
| 89) n-Butylbenzene           | 13.558 | 91    | 165244   | 18.51    | ug/l # | 69       |
| 95) Naphthalene              | 15.071 | 128   | 493051   | 54.32    | ug/l   | 99       |
| -----                        |        |       |          |          |        |          |

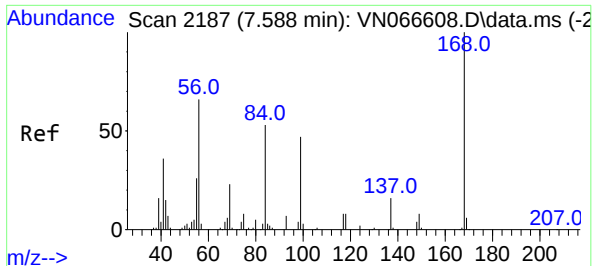
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041521\  
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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
FS-WC-WATER

Quant Time: Apr 16 07:54:02 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041521W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 15 19:16:35 2021  
Response via : Initial Calibration

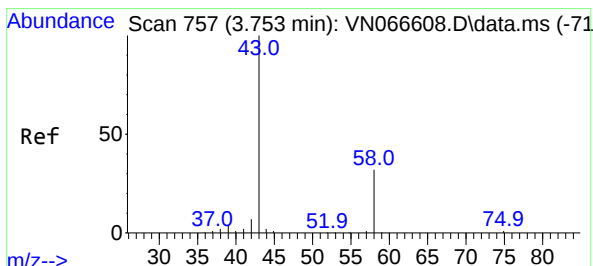
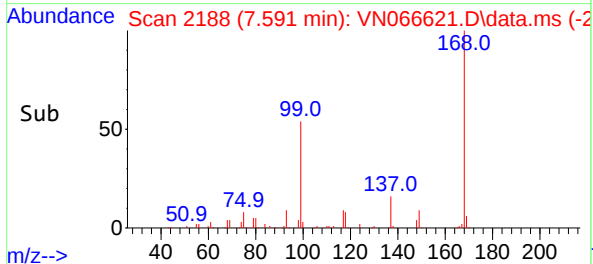
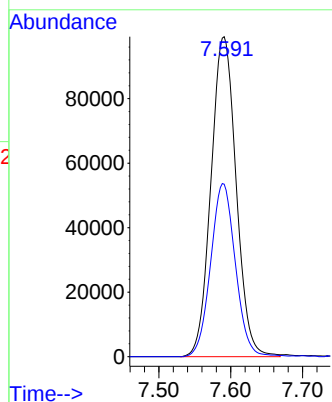
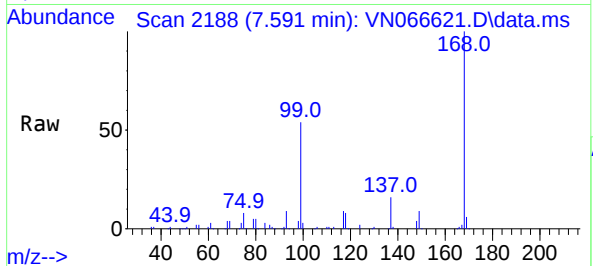




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.591 min Scan# 2188  
Delta R.T. 0.003 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

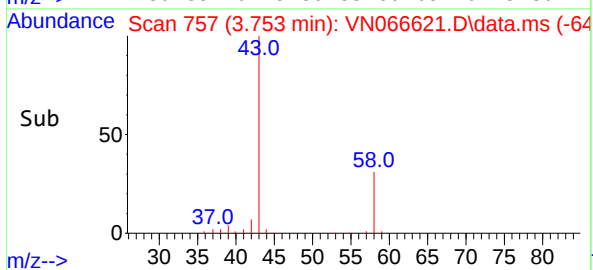
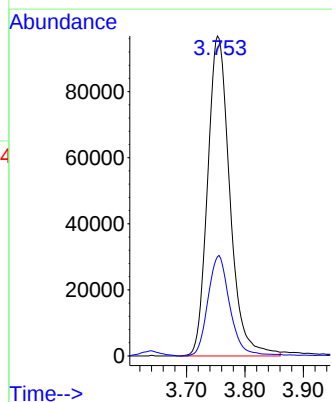
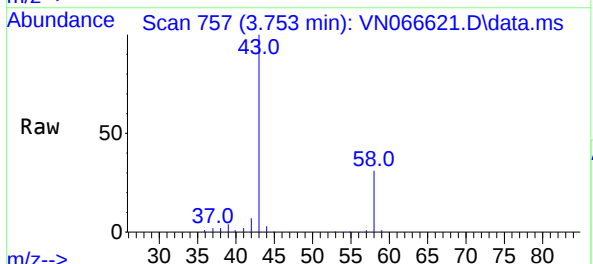
Instrument :  
MSVOA\_N  
ClientSampleId :  
FS-WC-WATER

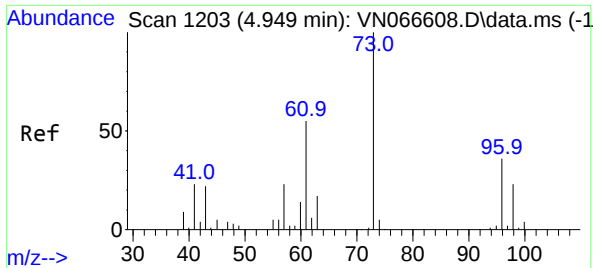
Tgt Ion:168 Resp: 240876  
Ion Ratio Lower Upper  
168 100  
99 53.9 42.6 63.8



#16  
Acetone  
Concen: 195.38 ug/l  
RT: 3.753 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

Tgt Ion: 43 Resp: 256192  
Ion Ratio Lower Upper  
43 100  
58 31.0 27.0 40.6



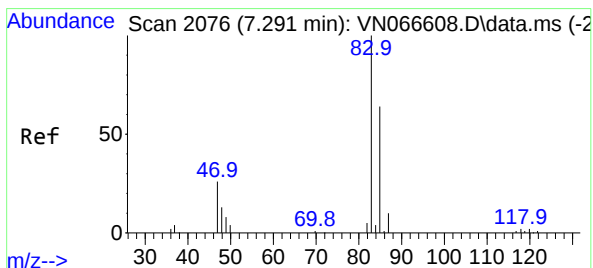
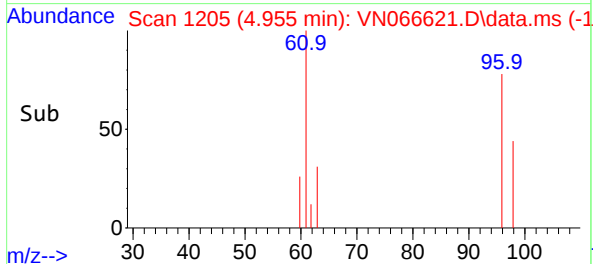
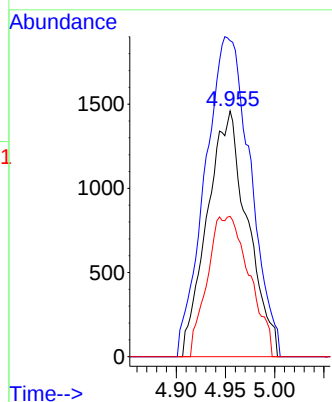
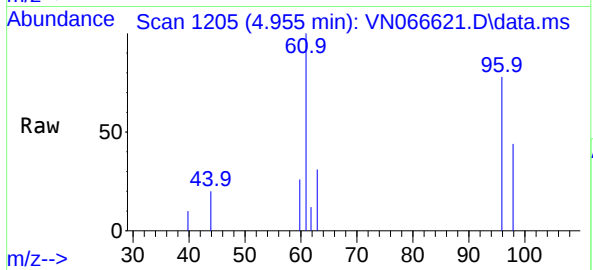


#21

trans-1,2-Dichloroethene  
Concen: 1.49 ug/l  
RT: 4.955 min Scan# 1205  
Delta R.T. 0.006 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

Instrument :  
MSVOA\_N  
ClientSampled :  
FS-WC-WATER

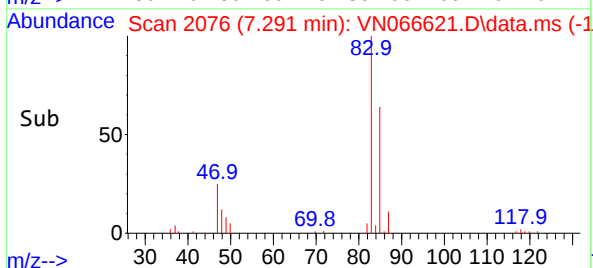
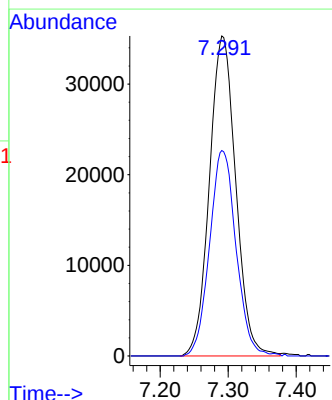
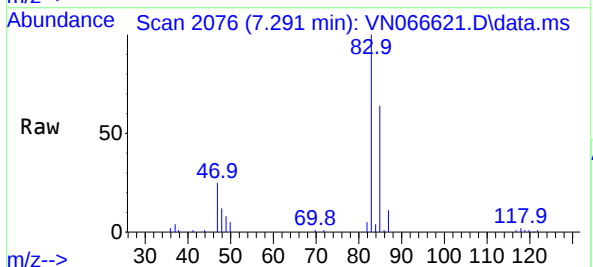
Tgt Ion: 96 Resp: 4167  
Ion Ratio Lower Upper  
96 100  
61 128.6 104.9 157.3  
98 57.1 51.8 77.8

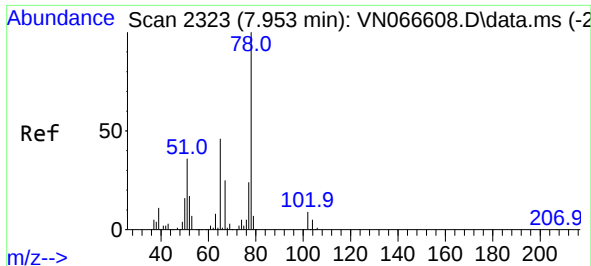


#30

Chloroform  
Concen: 17.45 ug/l  
RT: 7.291 min Scan# 2076  
Delta R.T. -0.000 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

Tgt Ion: 83 Resp: 95139  
Ion Ratio Lower Upper  
83 100  
85 64.2 52.6 78.8

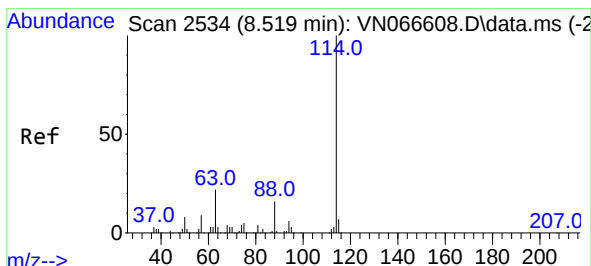
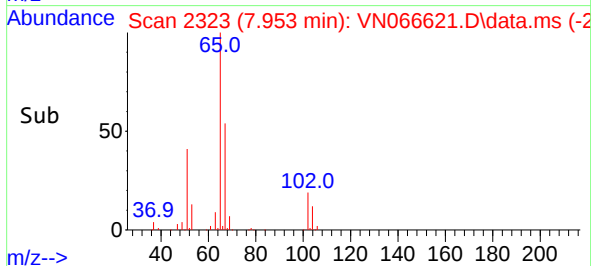
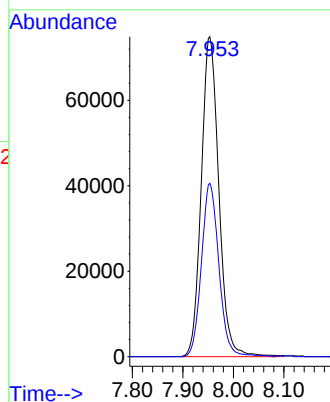
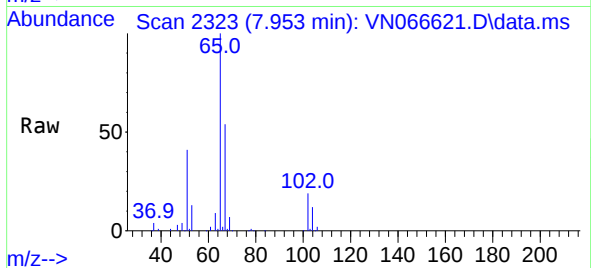




#33  
1,2-Dichloroethane-d4  
Concen: 49.80 ug/l  
RT: 7.953 min Scan# 2323  
Delta R.T. 0.000 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

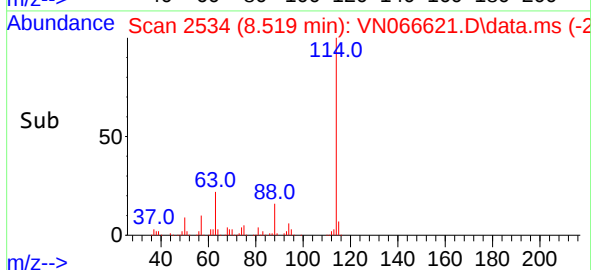
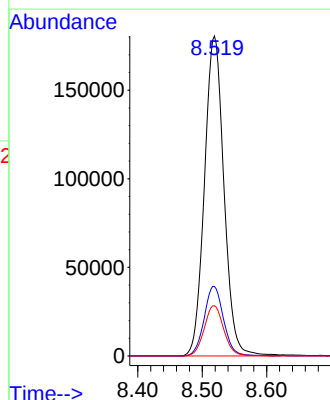
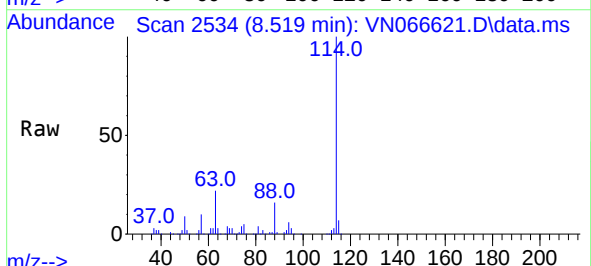
Instrument :  
MSVOA\_N  
ClientSampleId :  
FS-WC-WATER

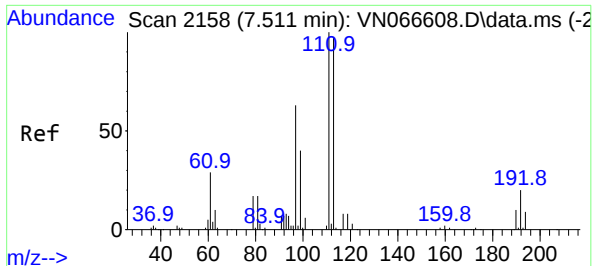
Tgt Ion: 65 Resp: 180948  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.519 min Scan# 2534  
Delta R.T. -0.000 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

Tgt Ion:114 Resp: 379450  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 38.6  
88 15.7 0.0 30.6

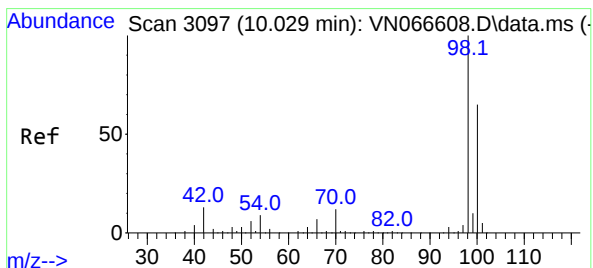
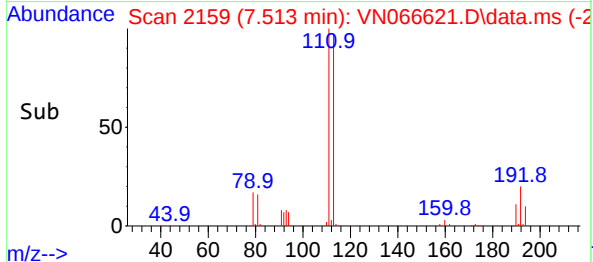
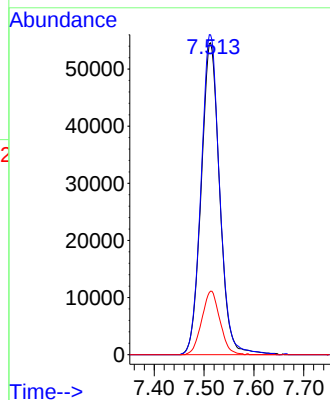
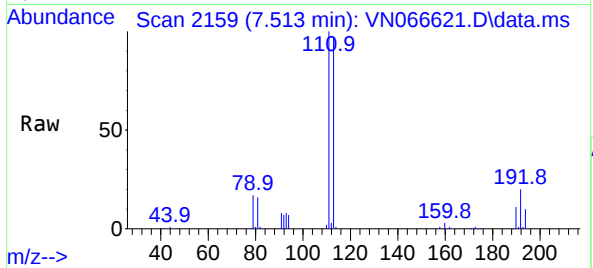




#35  
Dibromofluoromethane  
Concen: 53.49 ug/l  
RT: 7.513 min Scan# 2159  
Delta R.T. 0.002 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

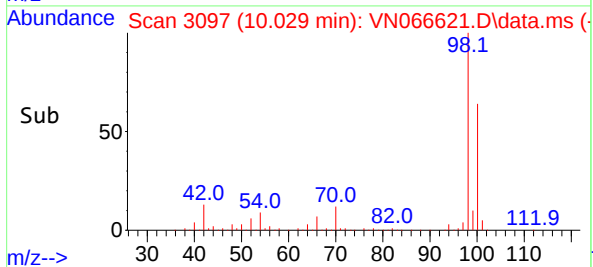
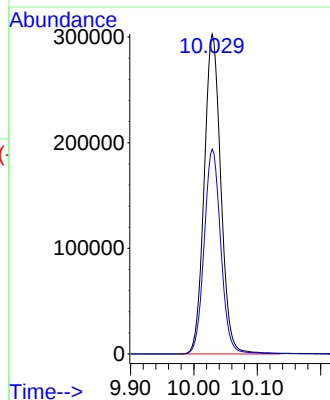
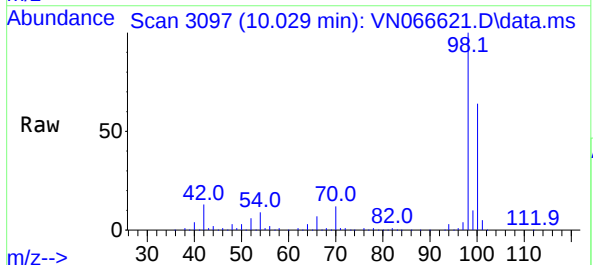
Instrument :  
MSVOA\_N  
ClientSampleId :  
FS-WC-WATER

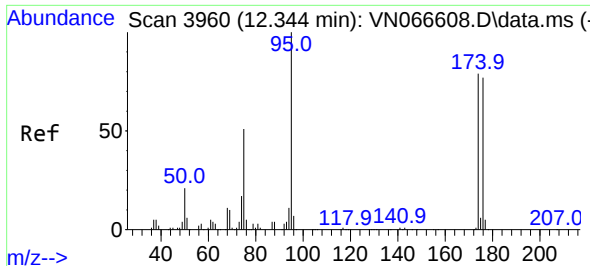
Tgt Ion:113 Resp: 140752  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.2 123.2  
192 20.0 15.4 23.0



#50  
Toluene-d8  
Concen: 53.63 ug/l  
RT: 10.029 min Scan# 3097  
Delta R.T. -0.000 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

Tgt Ion: 98 Resp: 553084  
Ion Ratio Lower Upper  
98 100  
100 63.9 50.5 75.7

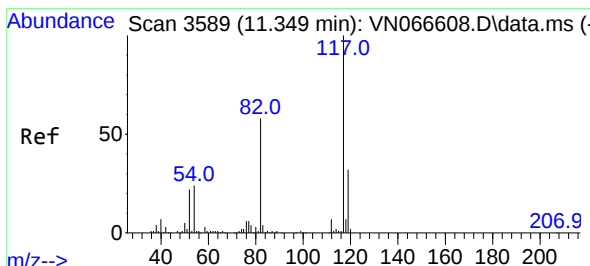
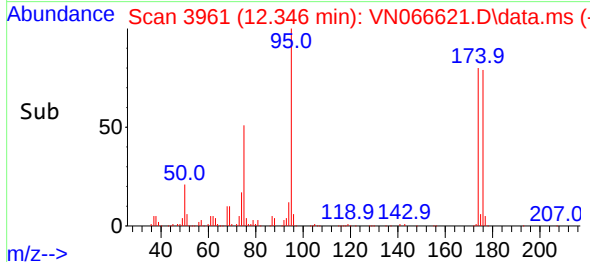
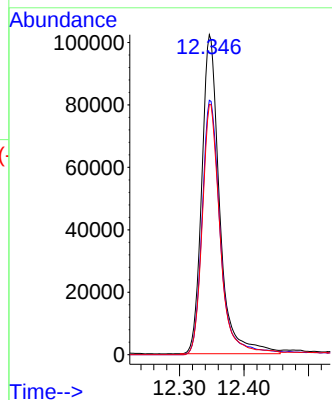
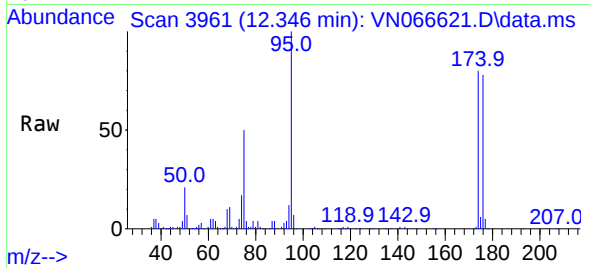




#62  
4-Bromofluorobenzene  
Concen: 54.18 ug/l  
RT: 12.346 min Scan# 3961  
Delta R.T. 0.002 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

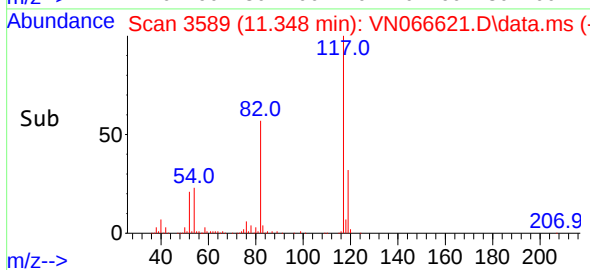
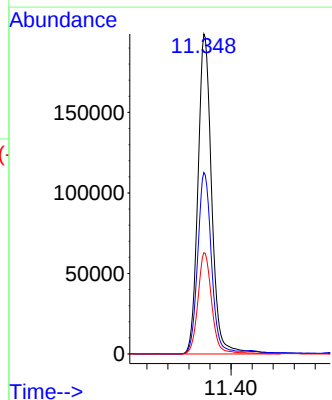
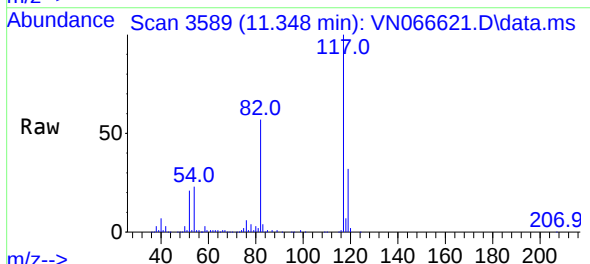
Instrument :  
MSVOA\_N  
ClientSampleId :  
FS-WC-WATER

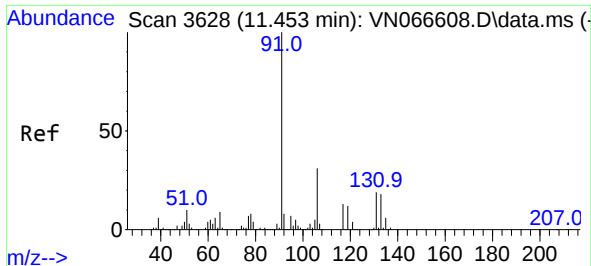
Tgt Ion: 95 Resp: 196487  
Ion Ratio Lower Upper  
95 100  
174 81.6 0.0 169.0  
176 79.0 0.0 162.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.348 min Scan# 3589  
Delta R.T. -0.001 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

Tgt Ion: 117 Resp: 360264  
Ion Ratio Lower Upper  
117 100  
82 56.7 43.7 65.5  
119 31.7 26.1 39.1

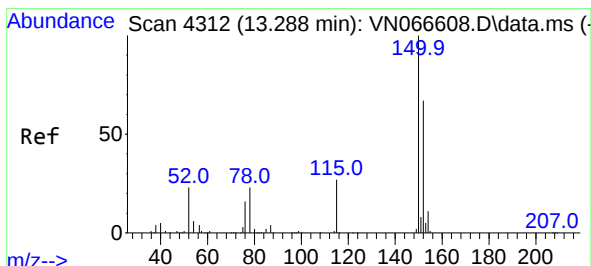
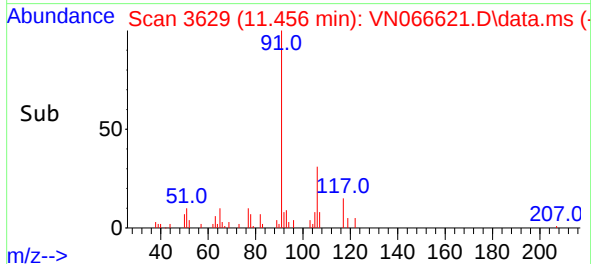
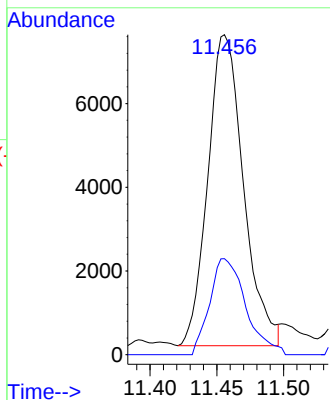
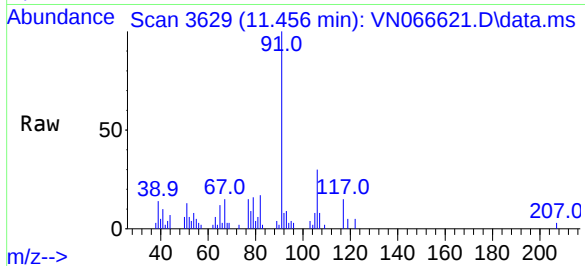




#67  
Ethyl Benzene  
Concen: 1.01 ug/l  
RT: 11.456 min Scan# 3629  
Delta R.T. 0.003 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

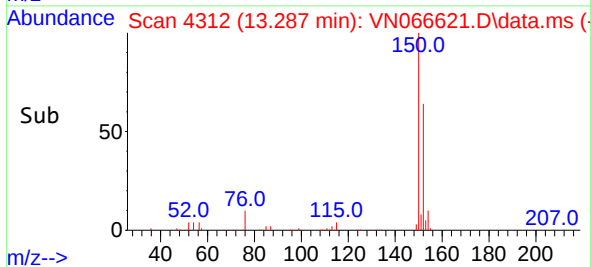
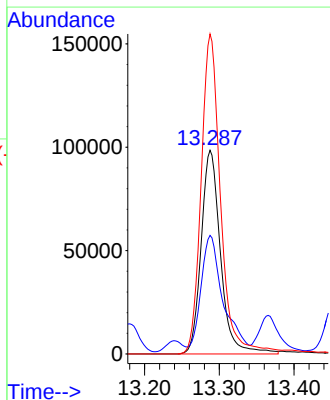
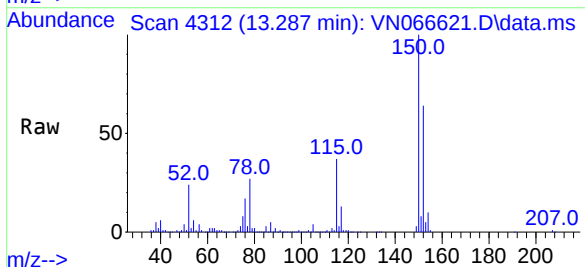
Instrument :  
MSVOA\_N  
ClientSampleId :  
FS-WC-WATER

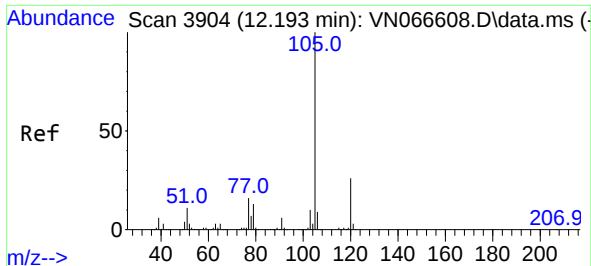
Tgt Ion: 91 Resp: 13795  
Ion Ratio Lower Upper  
91 100  
106 30.9 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.287 min Scan# 4312  
Delta R.T. -0.001 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

Tgt Ion:152 Resp: 177827  
Ion Ratio Lower Upper  
152 100  
115 61.7 28.5 85.6  
150 157.5 0.0 347.6

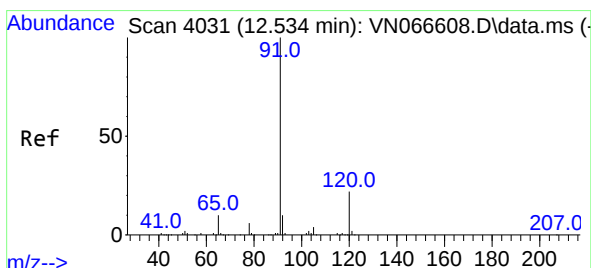
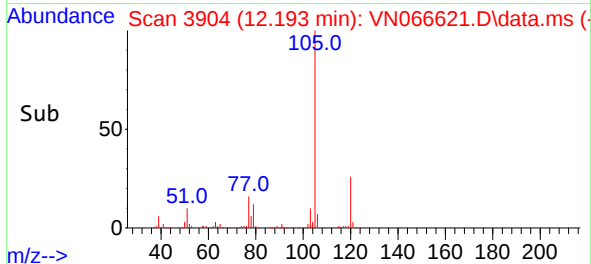
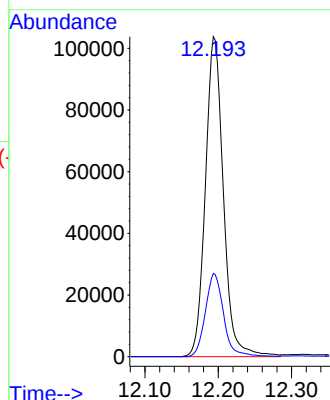
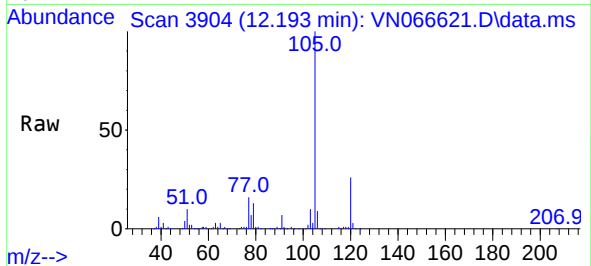




#73  
Isopropylbenzene  
Concen: 13.07 ug/l  
RT: 12.193 min Scan# 3904  
Delta R.T. 0.000 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

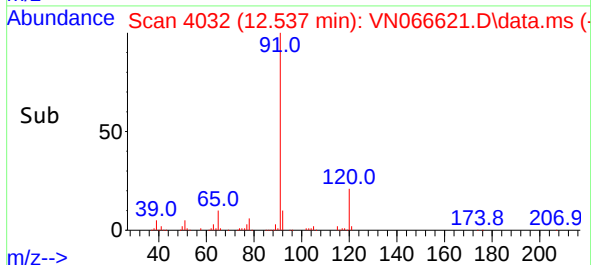
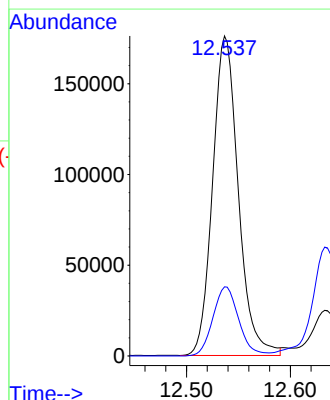
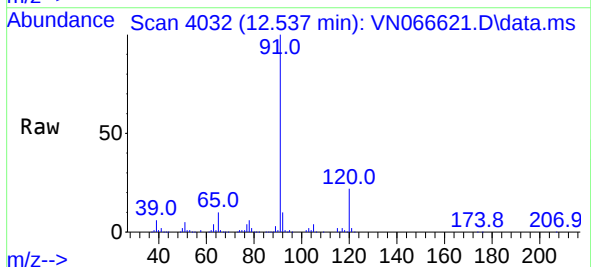
Instrument :  
MSVOA\_N  
ClientSampleId :  
FS-WC-WATER

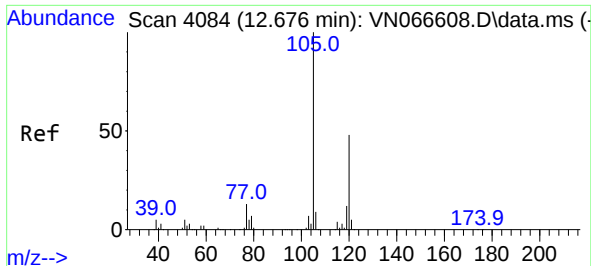
Tgt Ion:105 Resp: 177043  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.3 39.9



#78  
n-propylbenzene  
Concen: 19.29 ug/l  
RT: 12.537 min Scan# 4032  
Delta R.T. 0.003 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

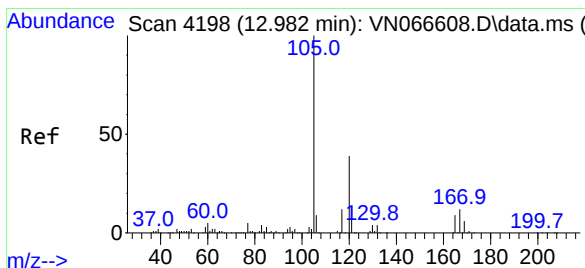
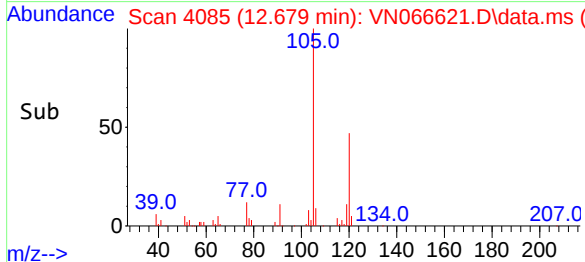
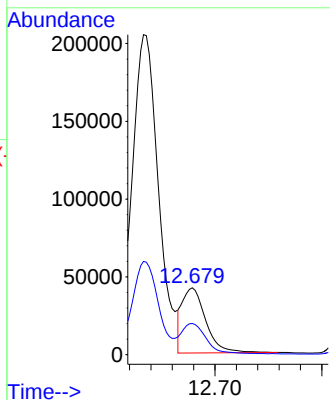
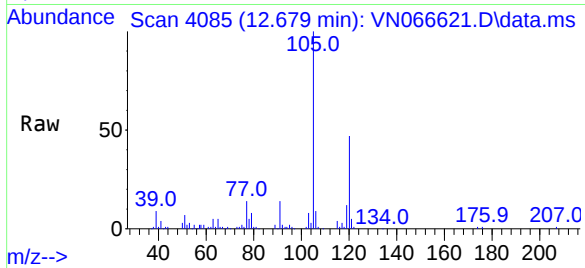
Tgt Ion: 91 Resp: 302028  
Ion Ratio Lower Upper  
91 100  
120 21.9 11.8 35.3





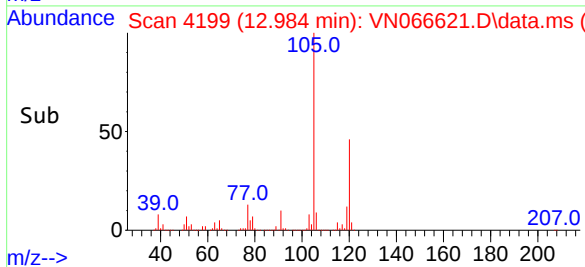
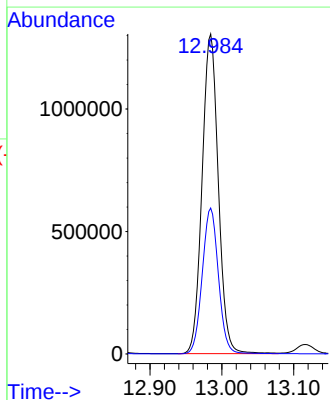
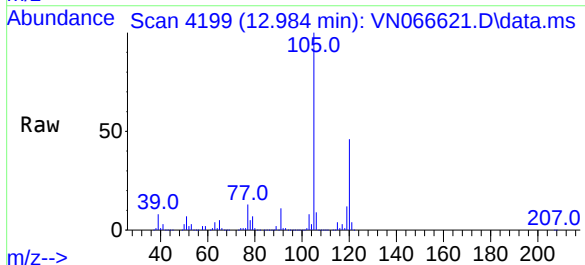
#80  
1,3,5-Trimethylbenzene  
Concen: 5.63 ug/l  
RT: 12.679 min Scan# 4085  
Delta R.T. 0.003 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

Tgt Ion:105 Resp: 64327  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.3 72.8

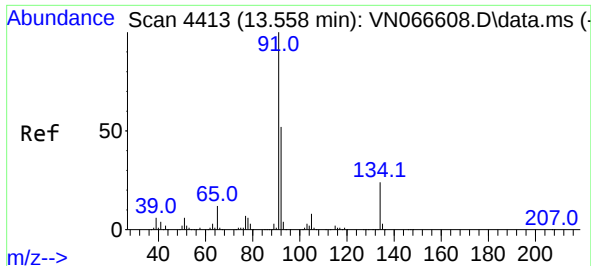


#84  
1,2,4-Trimethylbenzene  
Concen: 190.33 ug/l  
RT: 12.984 min Scan# 4199  
Delta R.T. 0.002 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

Tgt Ion:105 Resp: 2053268  
Ion Ratio Lower Upper  
105 100  
120 45.5 22.4 67.0



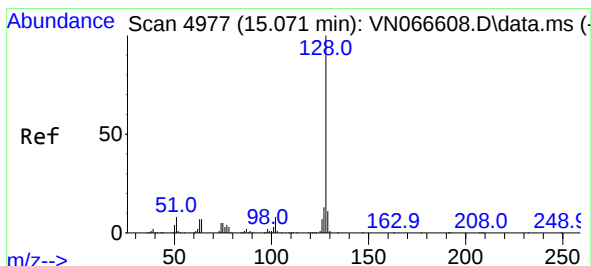
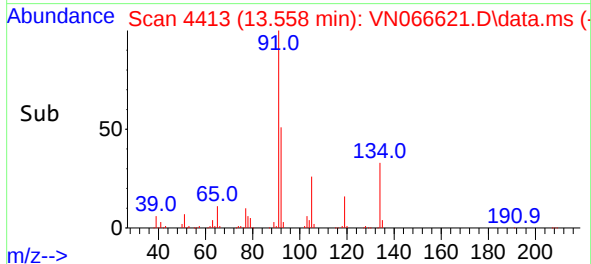
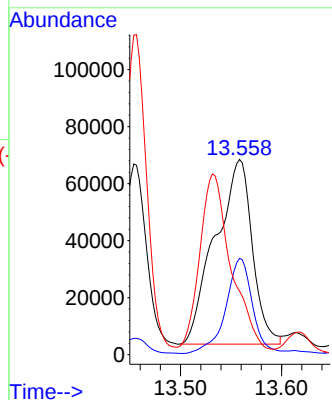
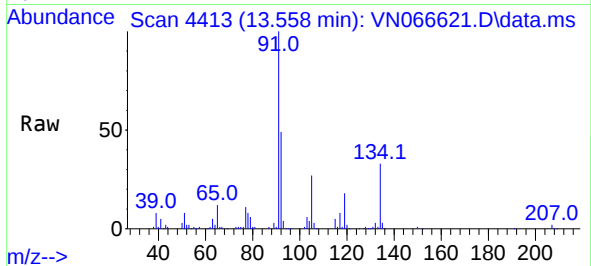
Instrument :  
MSVOA\_N  
ClientSampled :  
FS-WC-WATER



#89  
n-Butylbenzene  
Concen: 18.51 ug/l  
RT: 13.558 min Scan# 4413  
Delta R.T. 0.000 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

Instrument :  
MSVOA\_N  
ClientSampleId :  
FS-WC-WATER

Tgt Ion: 91 Resp: 165244  
Ion Ratio Lower Upper  
91 100  
92 36.9 26.1 78.3  
134 0.0 13.0 38.9#



#95  
Naphthalene  
Concen: 54.32 ug/l  
RT: 15.071 min Scan# 4977  
Delta R.T. -0.000 min  
Lab File: VN066621.D  
Acq: 15 Apr 2021 19:05

Tgt Ion:128 Resp: 493051  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.2  
129 11.5 8.6 13.0

