

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062821\  
 Data File : VY005258.D  
 Acq On : 28 Jun 2021 18:42  
 Operator : SY/MD  
 Sample : M2852-04  
 Misc : 5.02G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MANHOLE-WC-D

Quant Time: Jun 29 01:19:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062221S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 07:57:52 2021  
 Response via : Initial Calibration

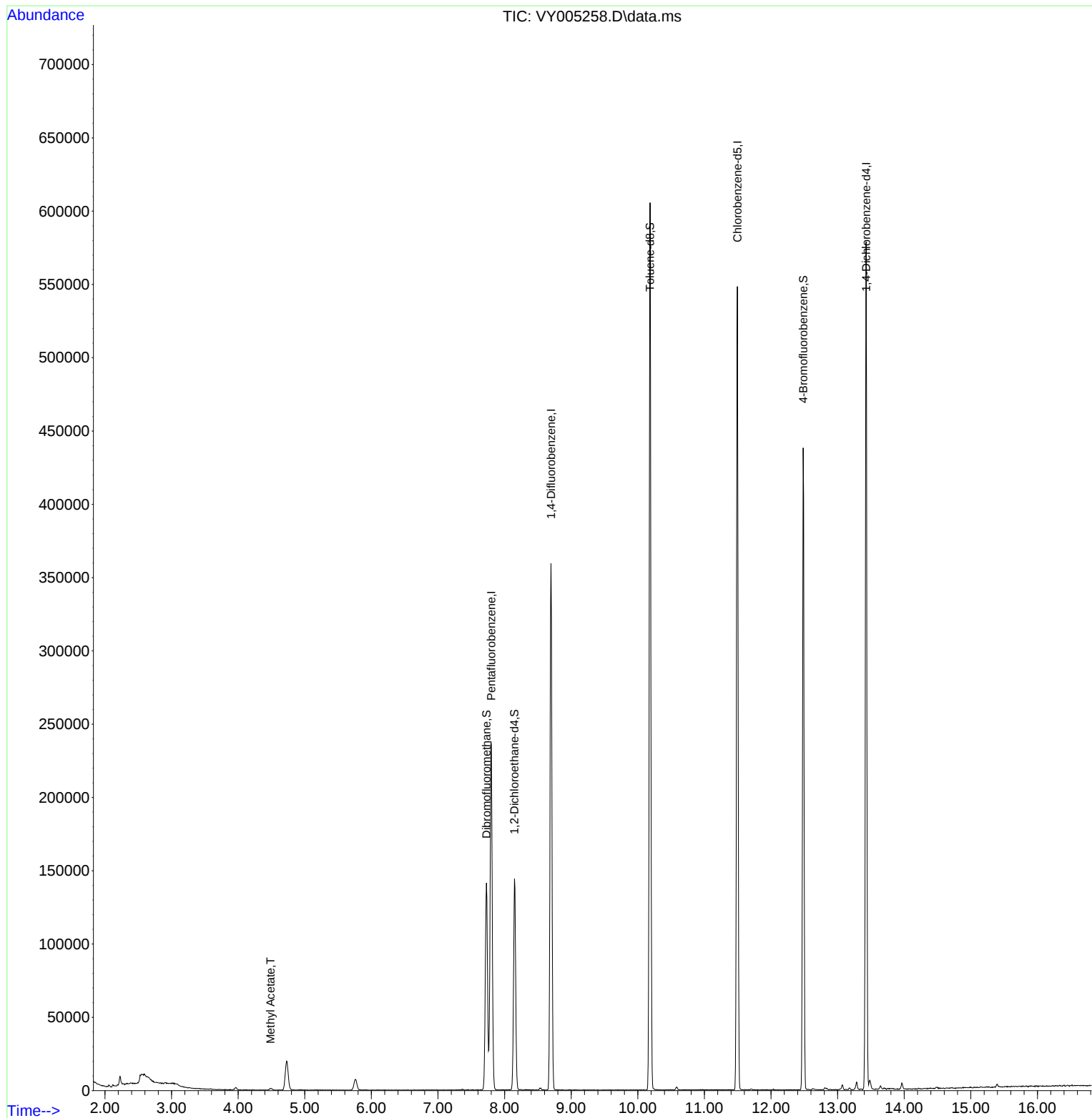
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|------------|-------------|
| -----                       |        |       |          |          |            |             |
| Internal Standards          |        |       |          |          |            |             |
| 1) Pentafluorobenzene       | 7.801  | 168   | 204712   | 50.000   | ug/l       | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 320074   | 50.000   | ug/l       | 0.00        |
| 63) Chlorobenzene-d5        | 11.495 | 117   | 309850   | 50.000   | ug/l       | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 157769   | 50.000   | ug/l       | 0.00        |
| System Monitoring Compounds |        |       |          |          |            |             |
| 33) 1,2-Dichloroethane-d4   | 8.148  | 65    | 111002   | 65.341   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 130.680% |             |
| 35) Dibromofluoromethane    | 7.728  | 113   | 98536    | 52.200   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 104.400% |             |
| 50) Toluene-d8              | 10.185 | 98    | 392753   | 52.028   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 104.060% |             |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 127571   | 50.714   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 101.420% |             |
| Target Compounds            |        |       |          |          |            |             |
| 18) Methyl Acetate          | 4.484  | 43    | 2208     | 2.117    | ug/l       | Qvalue # 86 |
| -----                       |        |       |          |          |            |             |

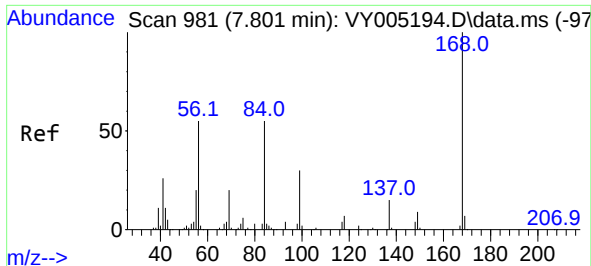
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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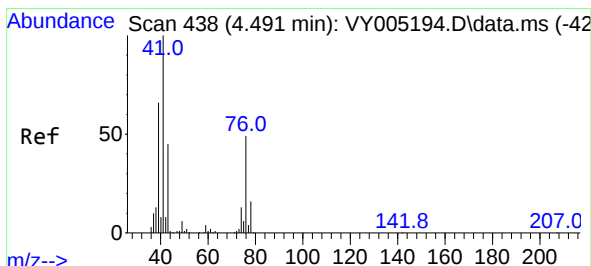
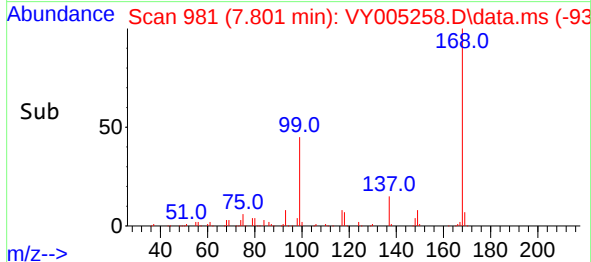
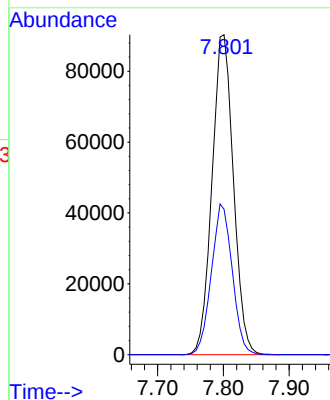
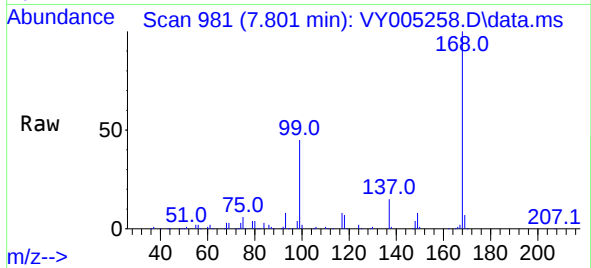




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: VY005258.D  
Acq: 28 Jun 2021 18:42

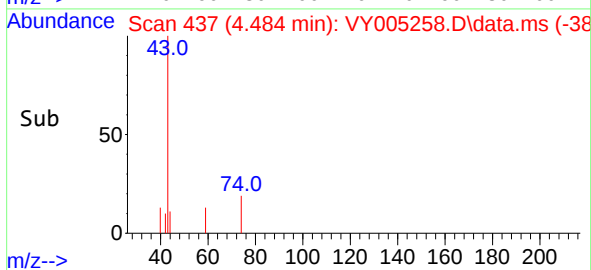
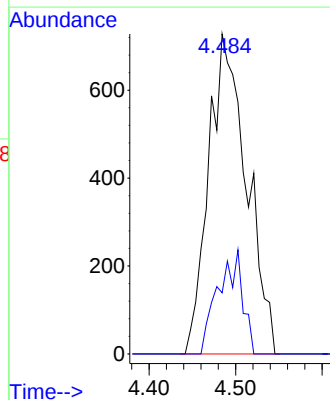
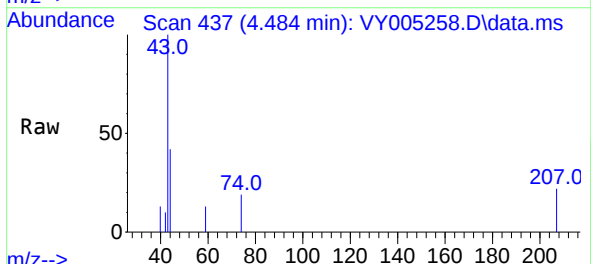
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MANHOLE-WC-D

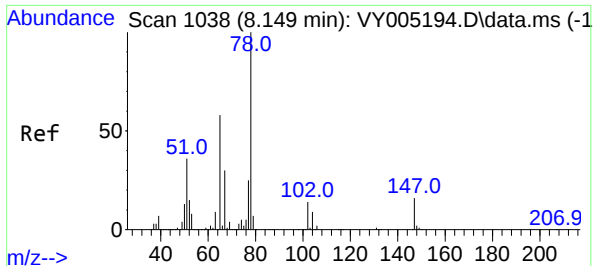
Tgt Ion:168 Resp: 204712  
Ion Ratio Lower Upper  
168 100  
99 45.4 36.2 54.4



#18  
Methyl Acetate  
Concen: 2.117 ug/l  
RT: 4.484 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY005258.D  
Acq: 28 Jun 2021 18:42

Tgt Ion: 43 Resp: 2208  
Ion Ratio Lower Upper  
43 100  
74 20.8 22.5 33.7#

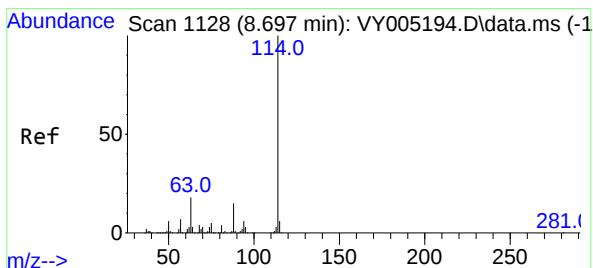
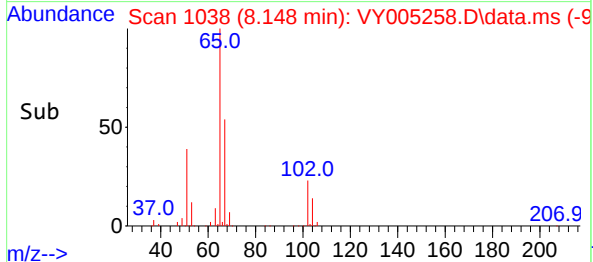
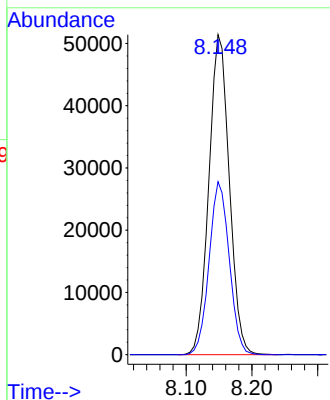
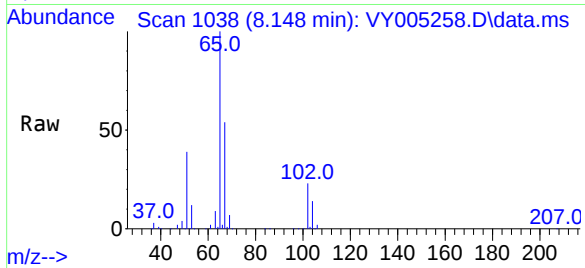




#33  
1,2-Dichloroethane-d4  
Concen: 65.341 ug/l  
RT: 8.148 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005258.D  
Acq: 28 Jun 2021 18:42

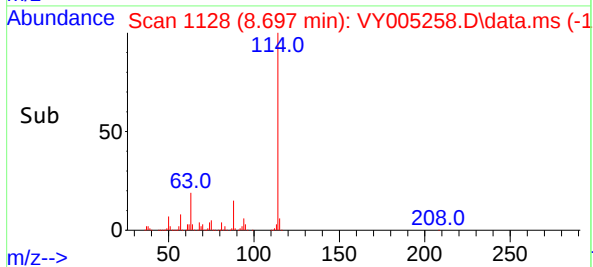
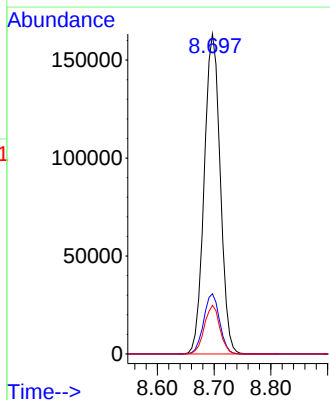
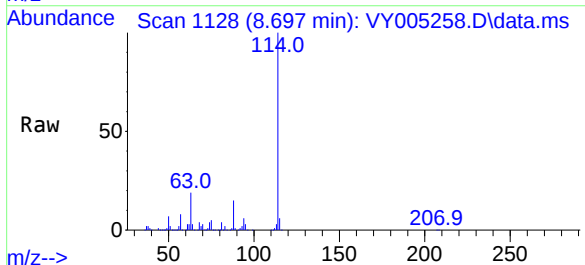
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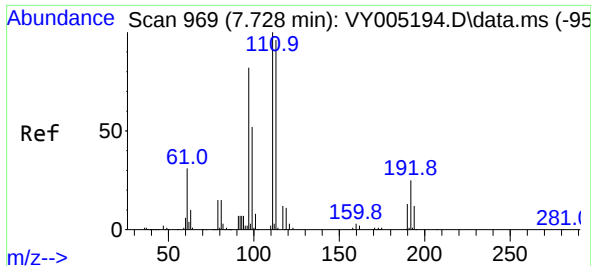
Tgt Ion: 65 Resp: 111002  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 110.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005258.D  
Acq: 28 Jun 2021 18:42

Tgt Ion:114 Resp: 320074  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 35.2  
88 15.2 0.0 29.4

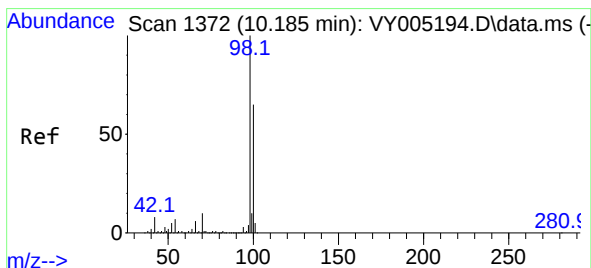
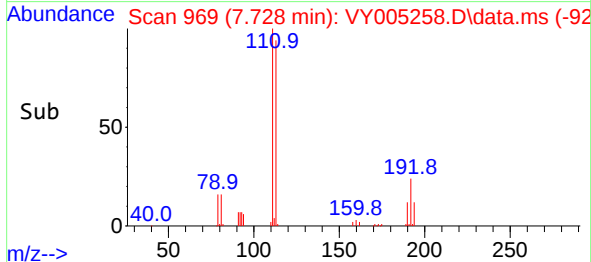
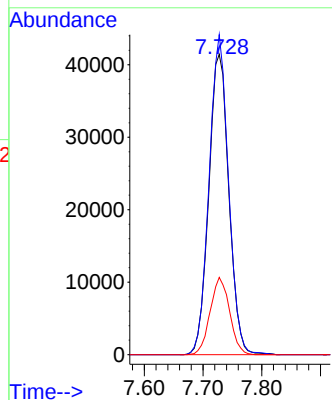
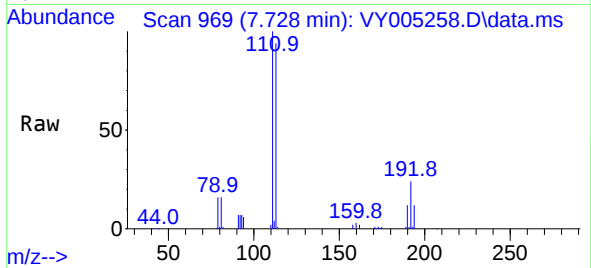




#35  
Dibromofluoromethane  
Concen: 52.200 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005258.D  
Acq: 28 Jun 2021 18:42

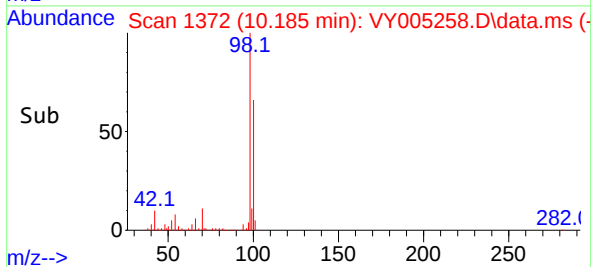
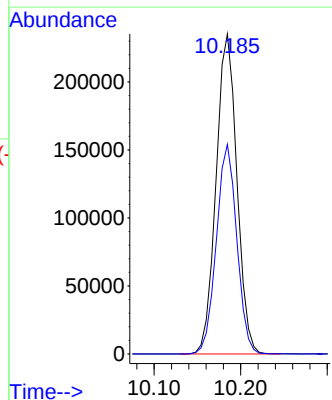
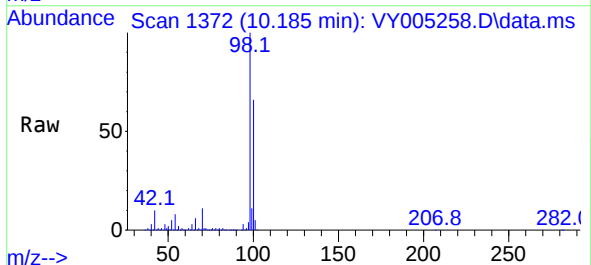
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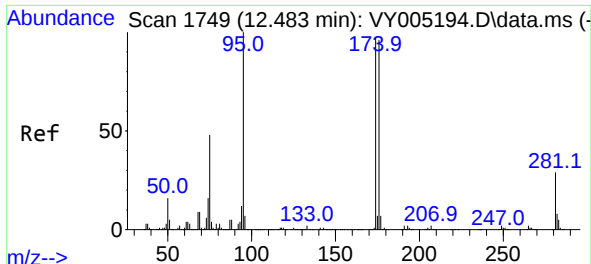
Tgt Ion:113 Resp: 98536  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.6 124.0  
192 24.9 20.2 30.2



#50  
Toluene-d8  
Concen: 52.028 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005258.D  
Acq: 28 Jun 2021 18:42

Tgt Ion: 98 Resp: 392753  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.9 77.9

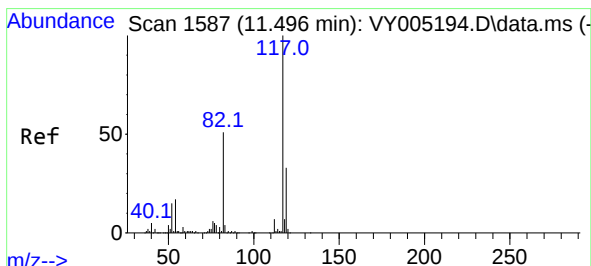
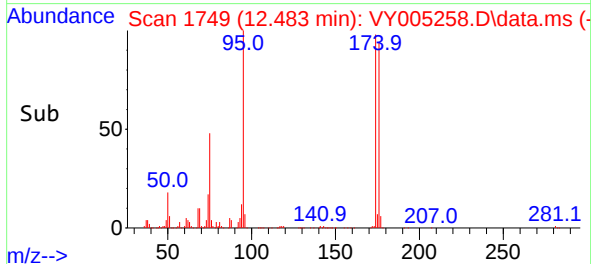
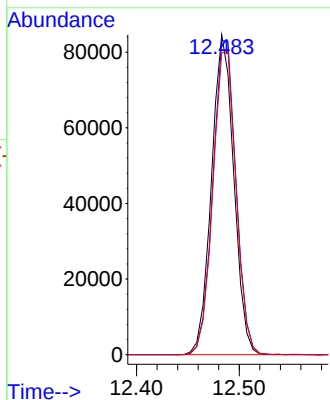
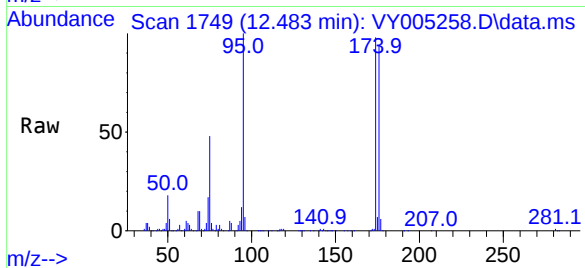




#62  
4-Bromofluorobenzene  
Concen: 50.714 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005258.D  
Acq: 28 Jun 2021 18:42

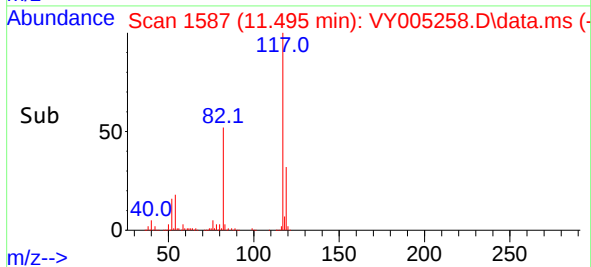
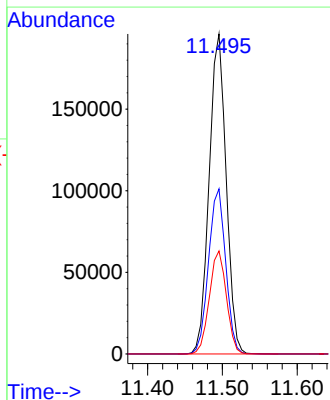
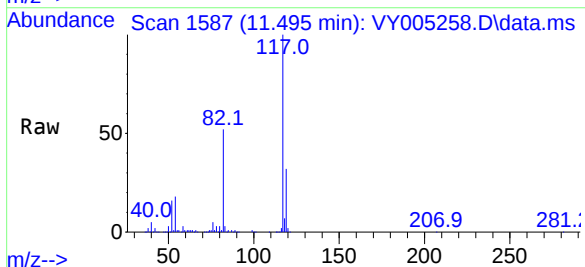
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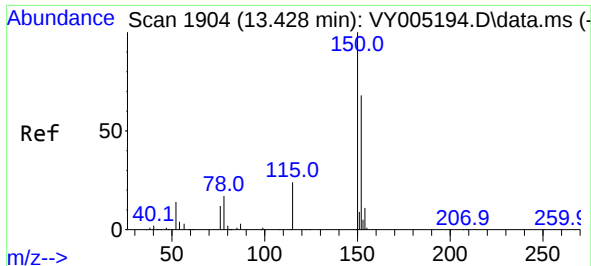
Tgt Ion: 95 Resp: 127571  
Ion Ratio Lower Upper  
95 100  
174 101.6 0.0 201.6  
176 98.2 0.0 197.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005258.D  
Acq: 28 Jun 2021 18:42

Tgt Ion: 117 Resp: 309850  
Ion Ratio Lower Upper  
117 100  
82 51.6 40.6 60.8  
119 32.2 26.1 39.1





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. -0.000 min  
 Lab File: VY005258.D  
 Acq: 28 Jun 2021 18:42

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MANHOLE-WC-D

Tgt Ion:152 Resp: 157769  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 51.8  | 26.3  | 78.8  |
| 150 | 155.3 | 0.0   | 344.2 |

