

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092721\  
 Data File : VY006177.D  
 Acq On : 27 Sep 2021 20:35  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK

Quant Time: Sep 28 06:24:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 15 05:01:47 2021  
 Response via : Initial Calibration

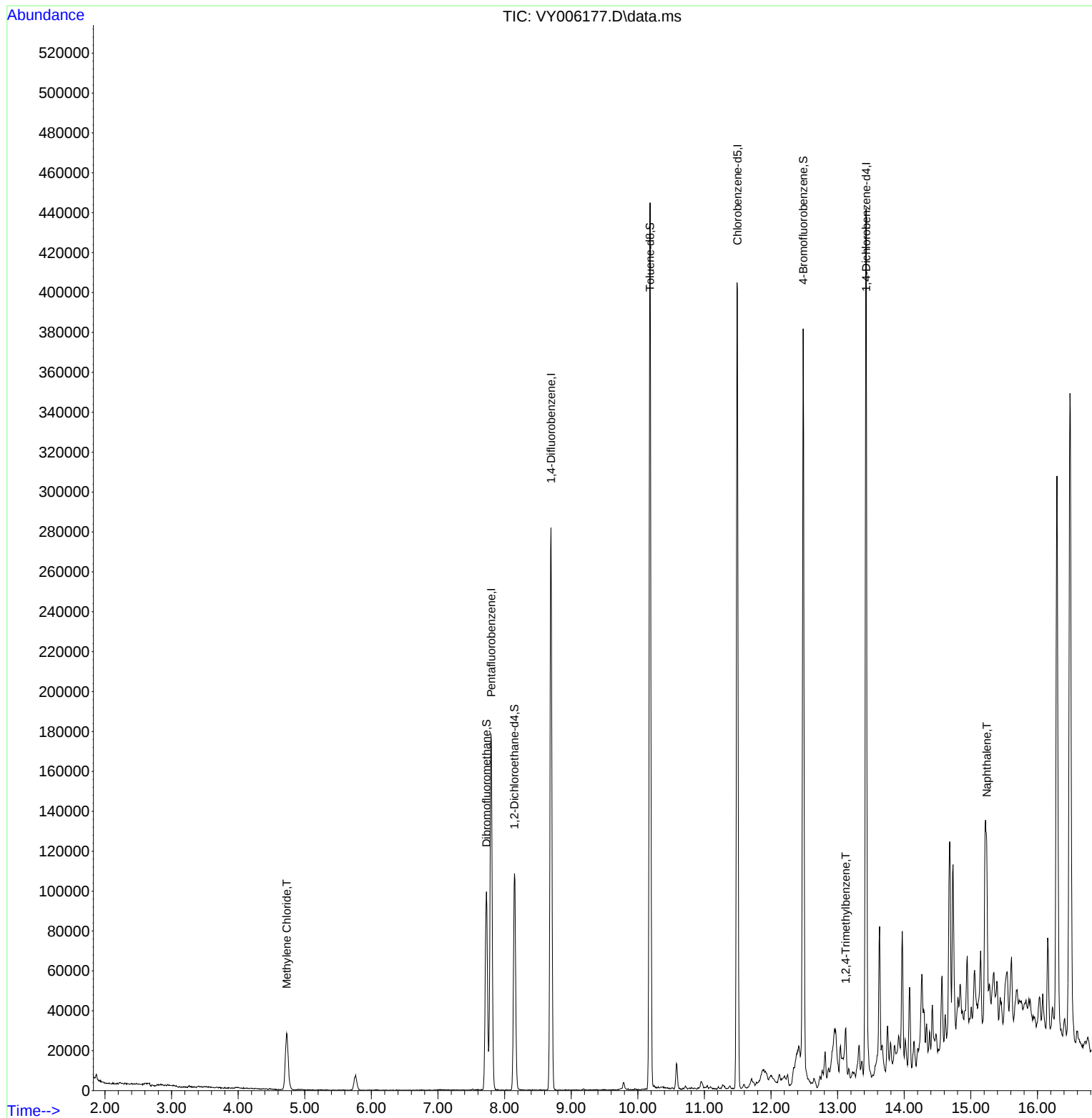
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.801  | 168   | 141280   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 232438   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 213882   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 107338   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 90622    | 46.178   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 92.360%  |
| 35) Dibromofluoromethane    | 7.728  | 113   | 69537    | 48.165   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 96.340%  |
| 50) Toluene-d8              | 10.185 | 98    | 281634   | 45.771   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 91.540%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 97669    | 46.752   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 93.500%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 20) Methylene Chloride      | 4.729  | 84    | 20552    | 8.367    | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene  | 13.123 | 105   | 9629     | 1.392    | ug/l   | 97       |
| 95) Naphthalene             | 15.239 | 128   | 68062    | 15.871   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

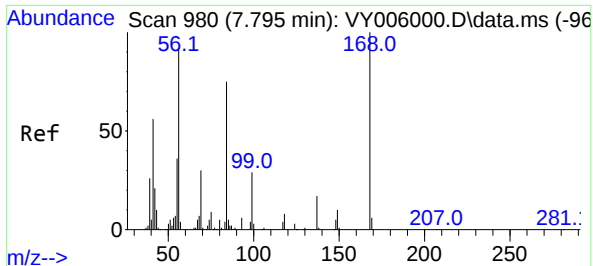
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VIBLK  
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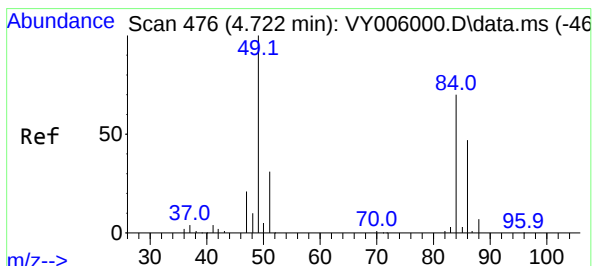
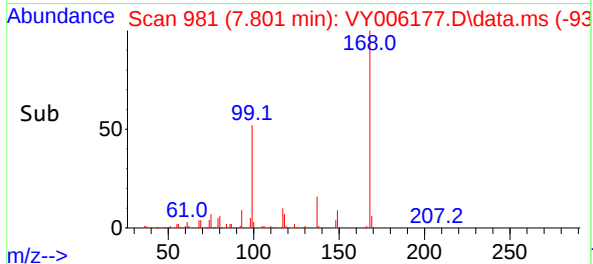
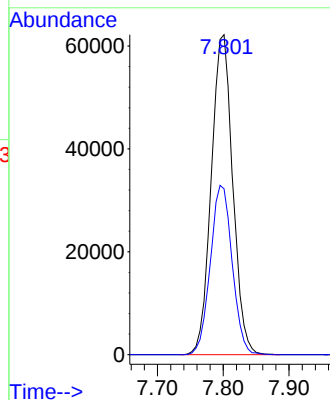
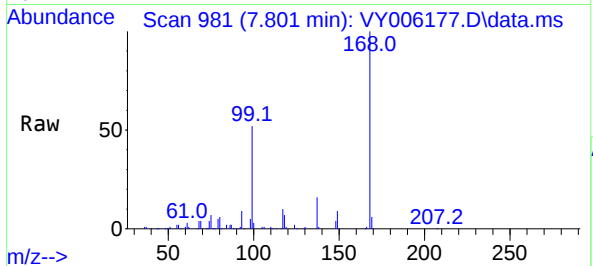




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.006 min  
Lab File: VY006177.D  
Acq: 27 Sep 2021 20:35

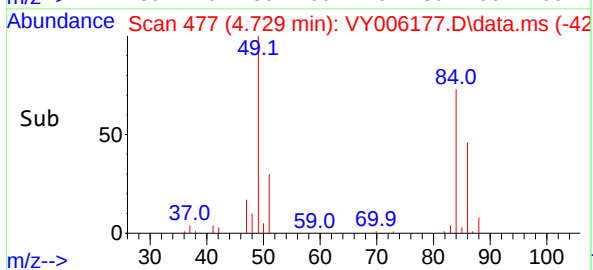
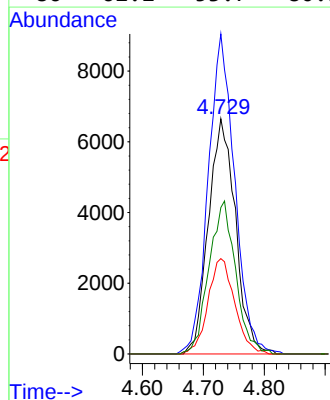
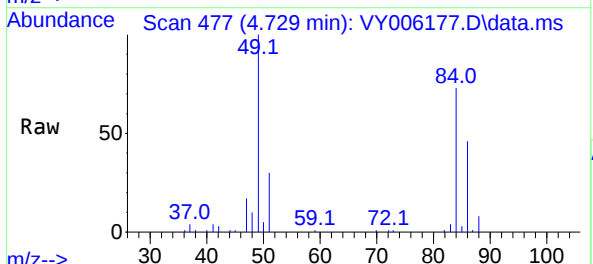
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

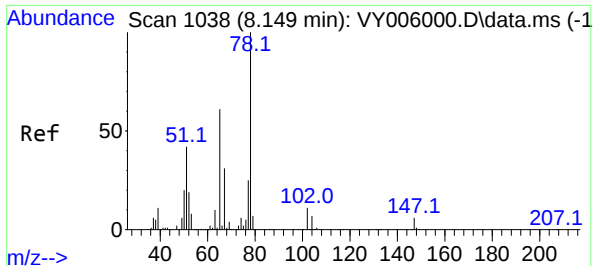
Tgt Ion:168 Resp: 141280  
Ion Ratio Lower Upper  
168 100  
99 51.9 46.9 70.3



#20  
Methylene Chloride  
Concen: 8.367 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. 0.006 min  
Lab File: VY006177.D  
Acq: 27 Sep 2021 20:35

Tgt Ion: 84 Resp: 20552  
Ion Ratio Lower Upper  
84 100  
49 135.2 114.4 171.6  
51 40.5 35.3 52.9  
86 62.2 53.7 80.5

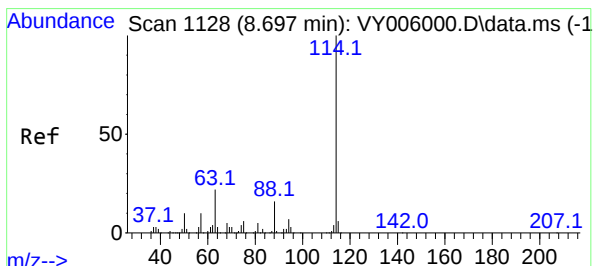
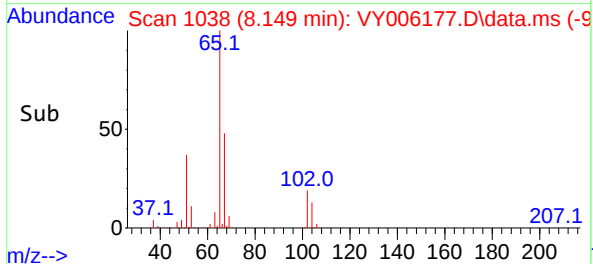
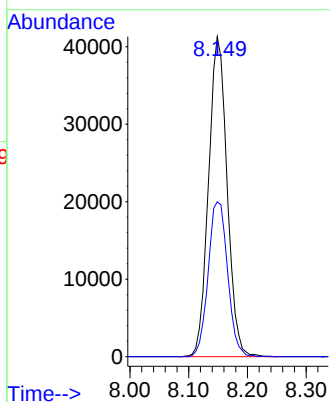
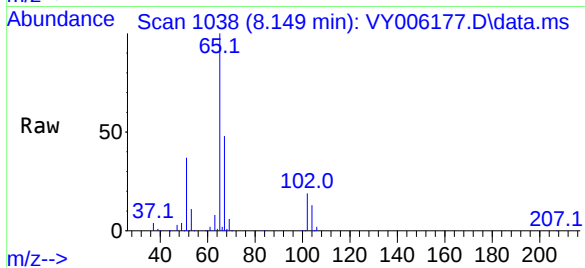




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.178 ug/l  
 RT: 8.149 min Scan# 1038  
 Delta R.T. -0.000 min  
 Lab File: VY006177.D  
 Acq: 27 Sep 2021 20:35

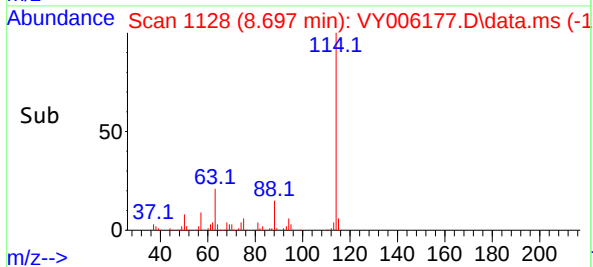
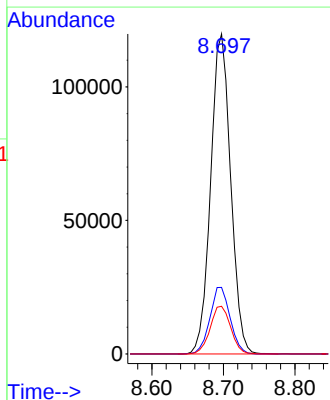
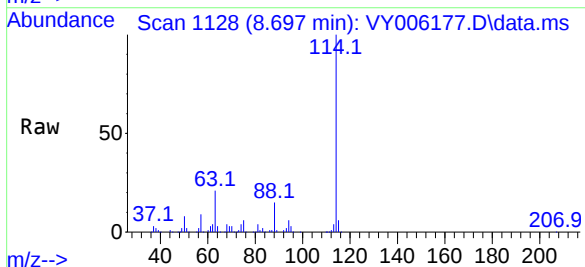
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
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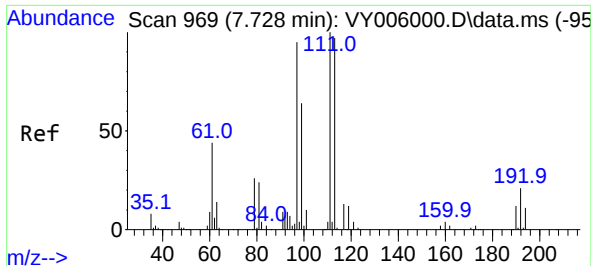
Tgt Ion: 65 Resp: 90622  
 Ion Ratio Lower Upper  
 65 100  
 67 50.7 0.0 99.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.697 min Scan# 1128  
 Delta R.T. -0.000 min  
 Lab File: VY006177.D  
 Acq: 27 Sep 2021 20:35

Tgt Ion: 114 Resp: 232438  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 43.2  
 88 14.9 0.0 31.8

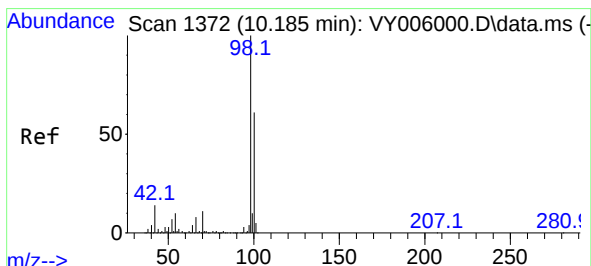
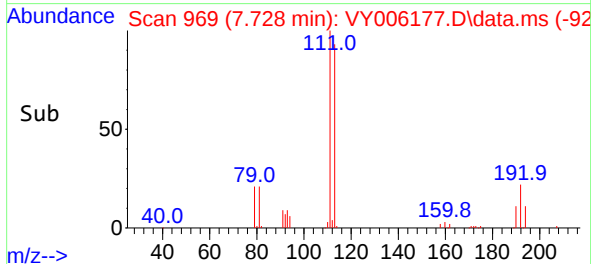
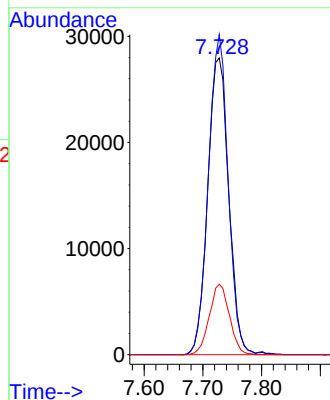
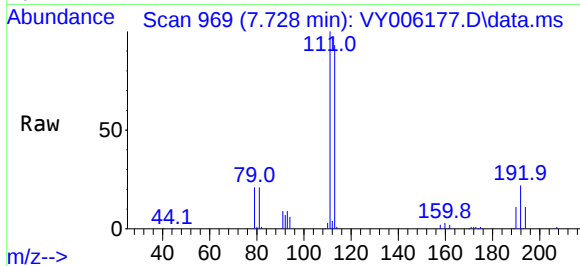




#35  
Dibromofluoromethane  
Concen: 48.165 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY006177.D  
Acq: 27 Sep 2021 20:35

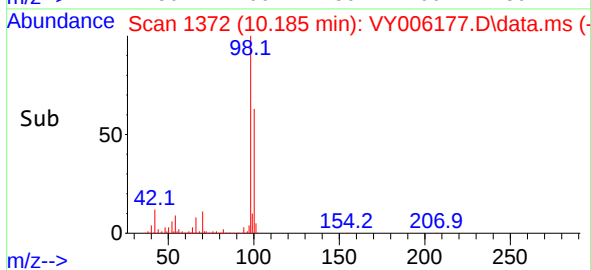
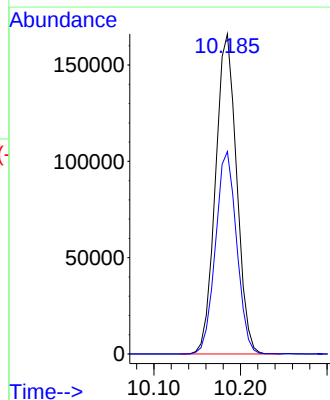
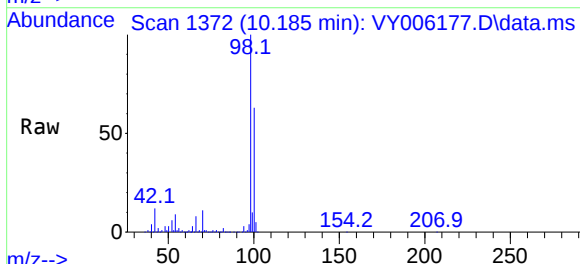
Instrument :  
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ClientSampleId :  
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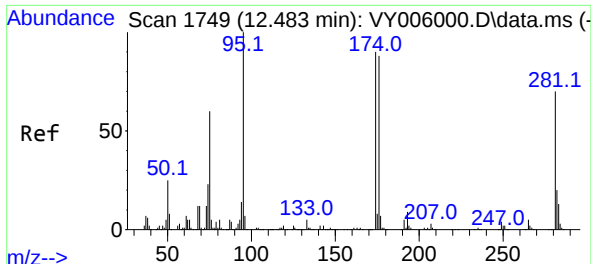
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 69537 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.2 | 82.6  | 124.0 |
| 192      | 22.7  | 17.6  | 26.4  |



#50  
Toluene-d8  
Concen: 45.771 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY006177.D  
Acq: 27 Sep 2021 20:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 281634 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.2  | 50.2  | 75.2   |



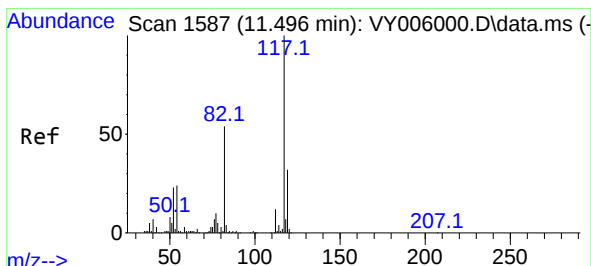
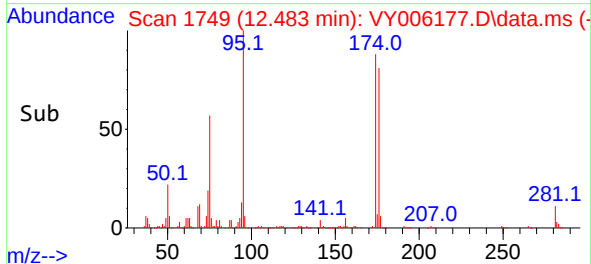
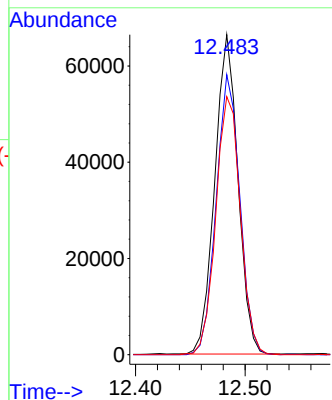
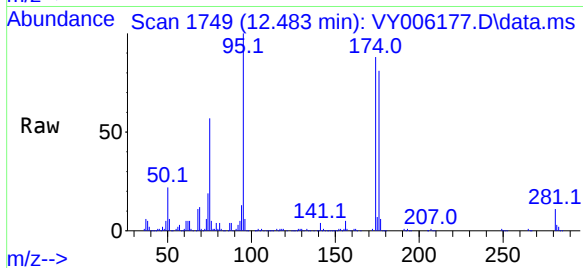


#62  
4-Bromofluorobenzene  
Concen: 46.752 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY006177.D  
Acq: 27 Sep 2021 20:35

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion: 95 Resp: 97669

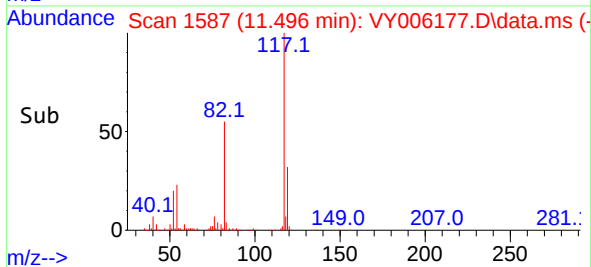
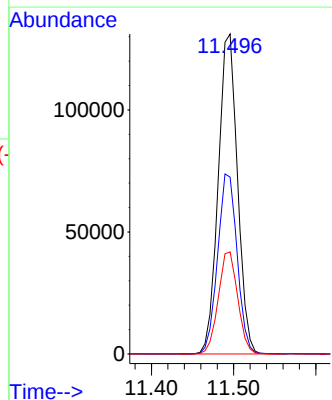
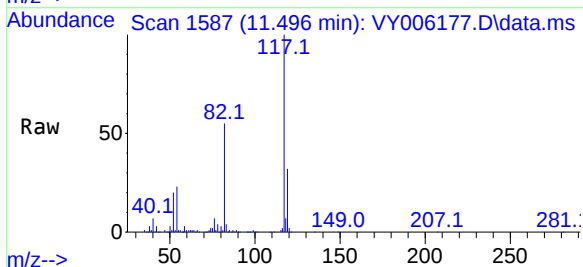
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 89.4  | 0.0   | 177.0 |
| 176 | 85.5  | 0.0   | 175.8 |

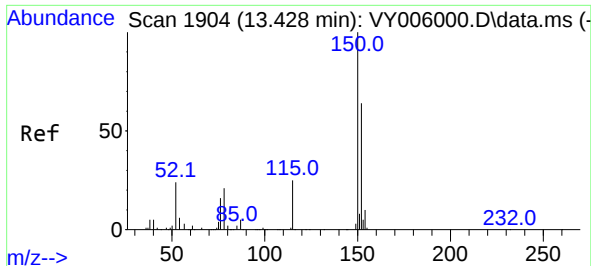


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY006177.D  
Acq: 27 Sep 2021 20:35

Tgt Ion: 117 Resp: 213882

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 55.2  | 43.0  | 64.4  |
| 119 | 31.9  | 25.4  | 38.0  |

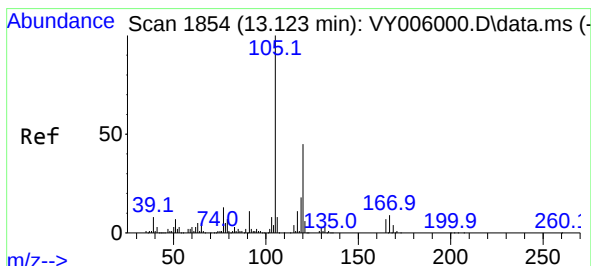
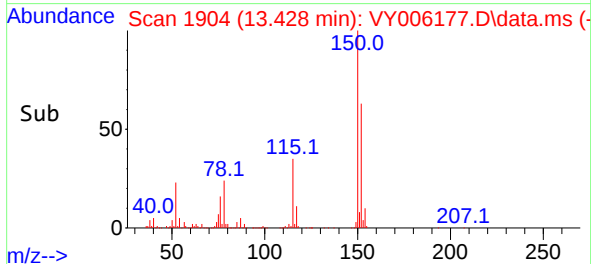
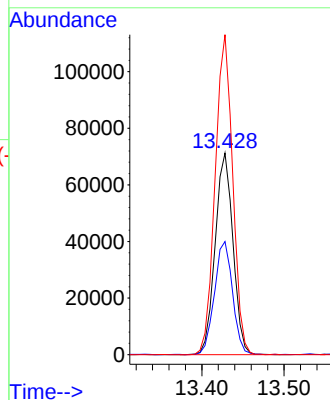
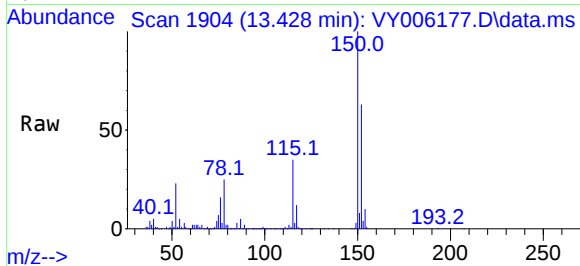




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY006177.D  
Acq: 27 Sep 2021 20:35

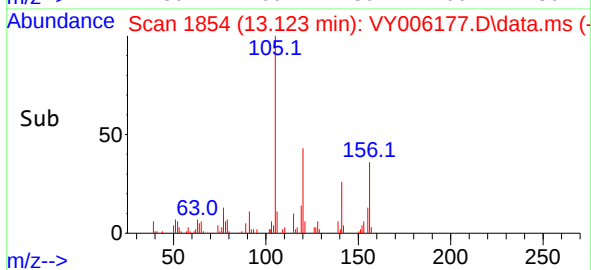
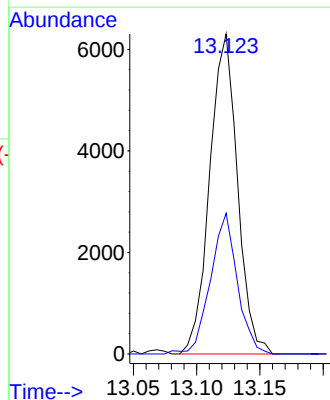
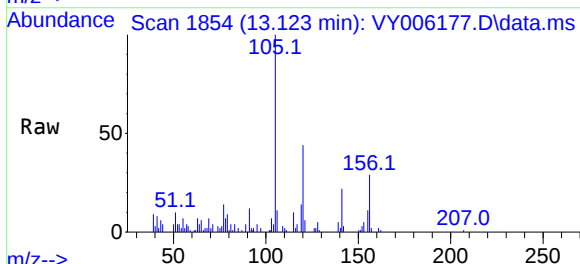
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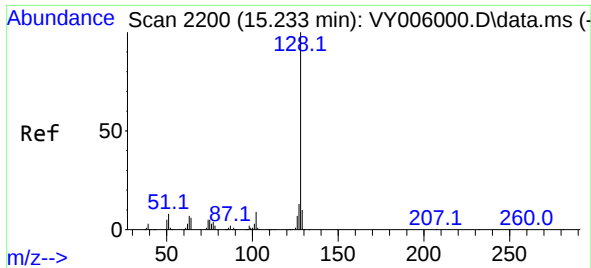
Tgt Ion:152 Resp: 107338  
Ion Ratio Lower Upper  
152 100  
115 57.1 28.2 84.7  
150 156.4 0.0 347.6



#84  
1,2,4-Trimethylbenzene  
Concen: 1.392 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY006177.D  
Acq: 27 Sep 2021 20:35

Tgt Ion:105 Resp: 9629  
Ion Ratio Lower Upper  
105 100  
120 42.5 22.3 66.9





#95  
Naphthalene  
Concen: 15.871 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.006 min  
Lab File: VY006177.D  
Acq: 27 Sep 2021 20:35

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion:128 Resp: 68062  
Ion Ratio Lower Upper  
128 100  
127 14.2 11.0 16.4  
129 10.8 8.4 12.6

