

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061021\  
 Data File : VY005100.D  
 Acq On : 11 Jun 2021 02:06  
 Operator : SY/MD  
 Sample : M2672-15  
 Misc : 8.40G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 17-B6(64-68)

Quant Time: Jun 11 07:07:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 03 04:43:33 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 179619   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 328234   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 318415   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 150158   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 114860   | 60.488   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 120.980% |
| 35) Dibromofluoromethane    | 7.728  | 113   | 101029   | 57.210   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 114.420% |
| 50) Toluene-d8              | 10.185 | 98    | 407563   | 55.570   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 111.140% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 140031   | 55.516   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 111.040% |

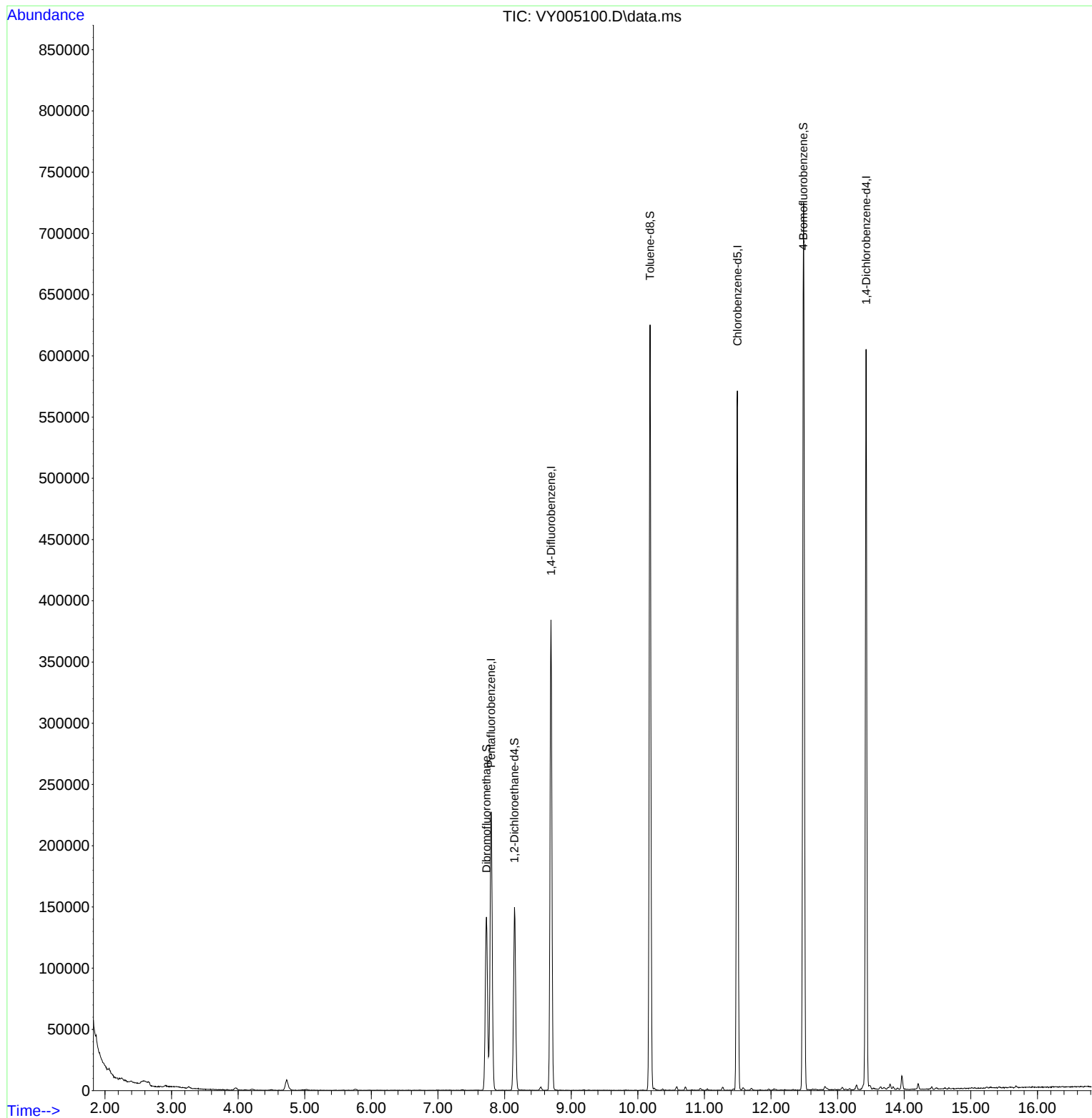
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

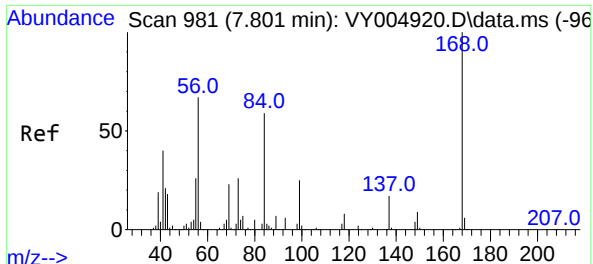
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Jun 03 04:43:33 2021  
Response via : Initial Calibration

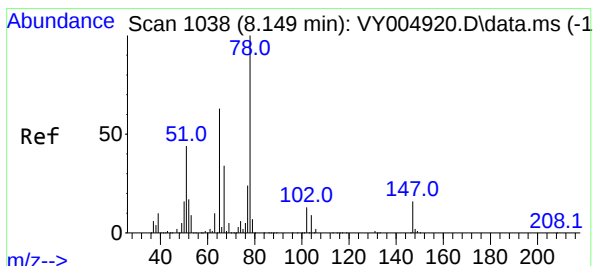
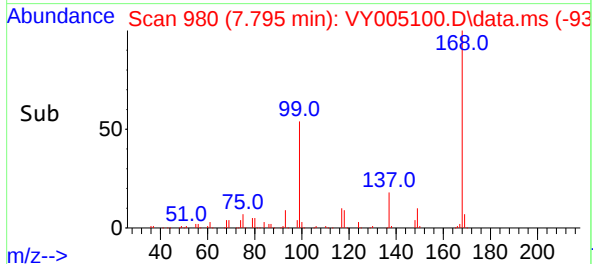
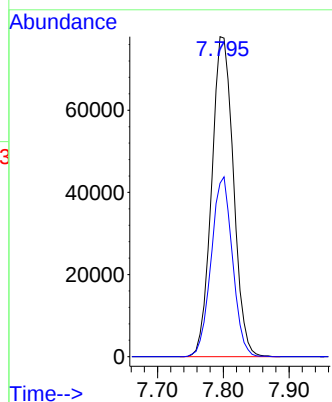
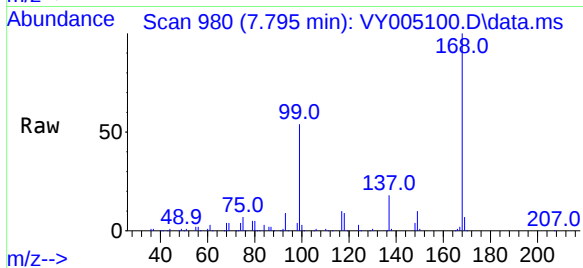




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005100.D  
Acq: 11 Jun 2021 02:06

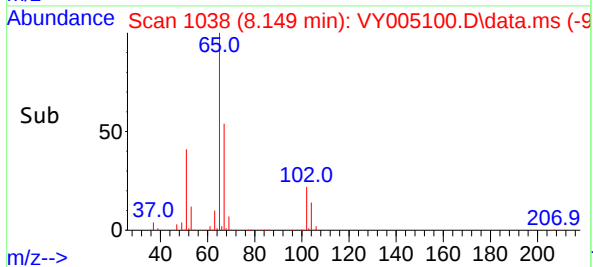
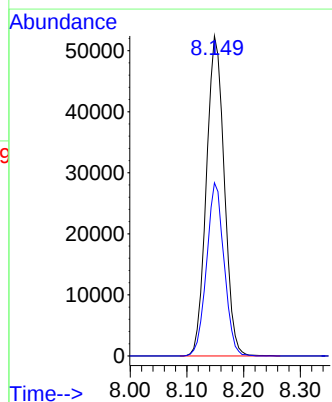
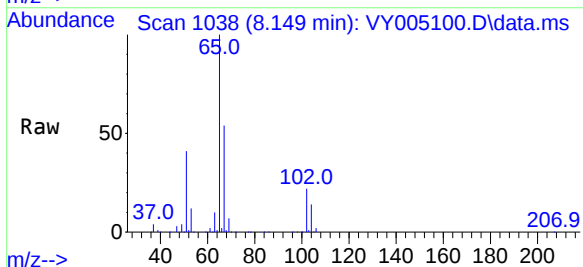
Instrument :  
MSVOA\_Y  
ClientSampled :  
17-B6(64-68)

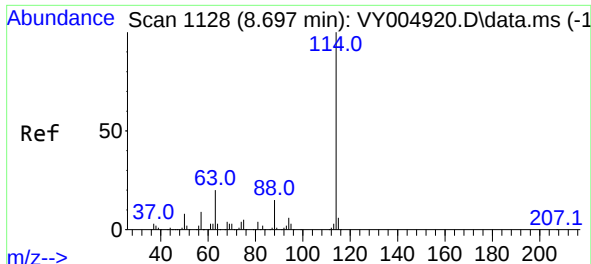
Tgt Ion:168 Resp: 179619  
Ion Ratio Lower Upper  
168 100  
99 54.2 43.9 65.9



#33  
1,2-Dichloroethane-d4  
Concen: 60.488 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005100.D  
Acq: 11 Jun 2021 02:06

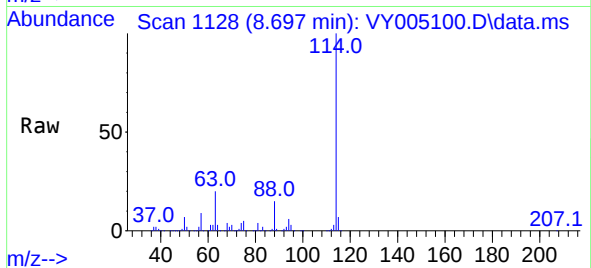
Tgt Ion: 65 Resp: 114860  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 110.6



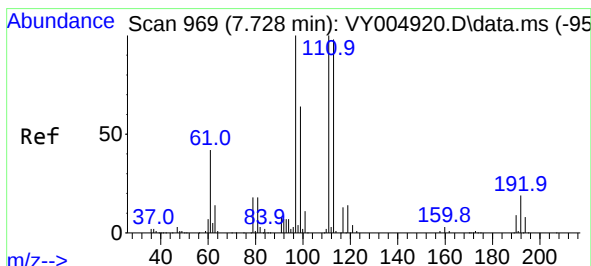
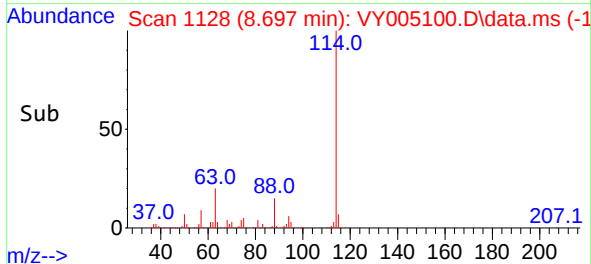
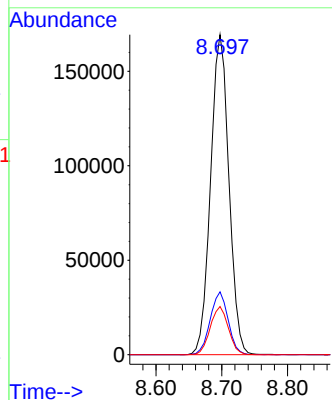


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005100.D  
Acq: 11 Jun 2021 02:06

Instrument :  
MSVOA\_Y  
ClientSampleId :  
17-B6(64-68)

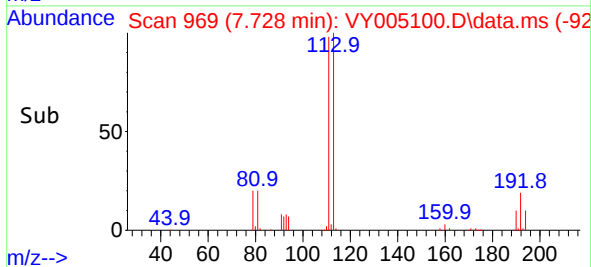
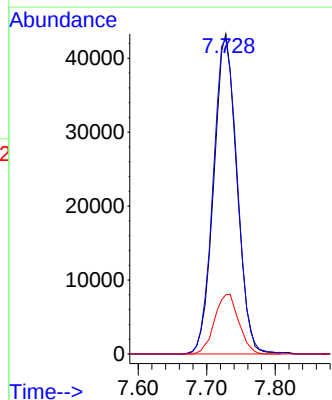
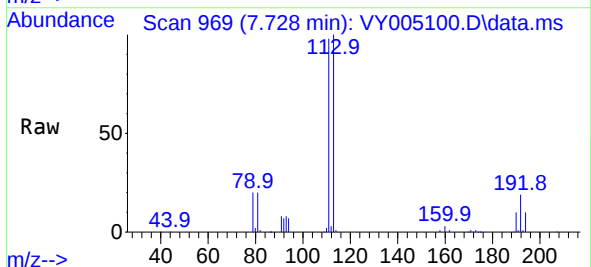


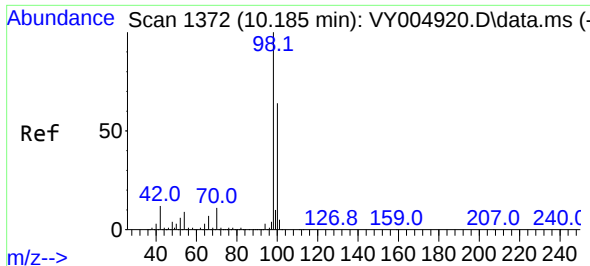
Tgt Ion:114 Resp: 328234  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 41.0  
88 15.1 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 57.210 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005100.D  
Acq: 11 Jun 2021 02:06

Tgt Ion:113 Resp: 101029  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.8 122.8  
192 19.5 15.3 22.9

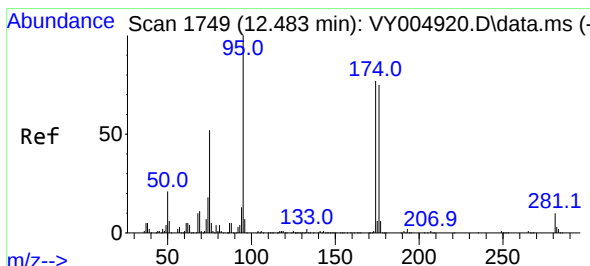
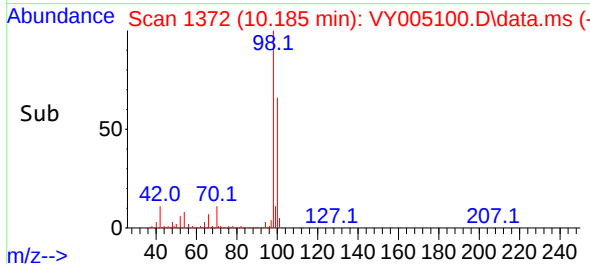
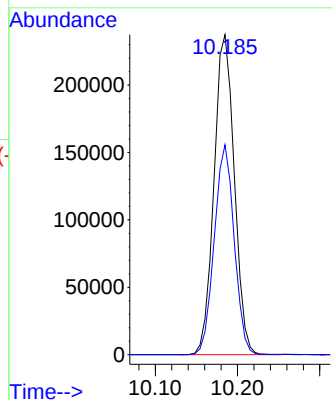
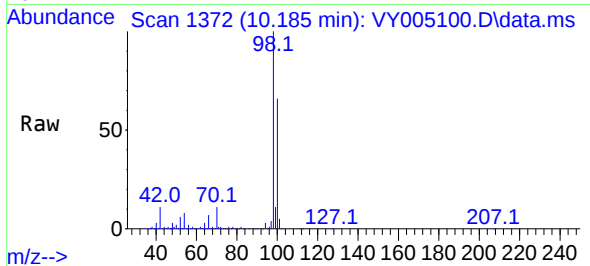




#50  
Toluene-d8  
Concen: 55.570 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005100.D  
Acq: 11 Jun 2021 02:06

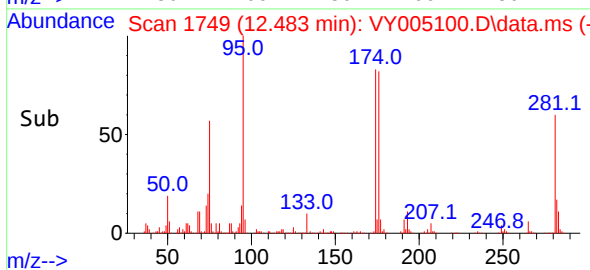
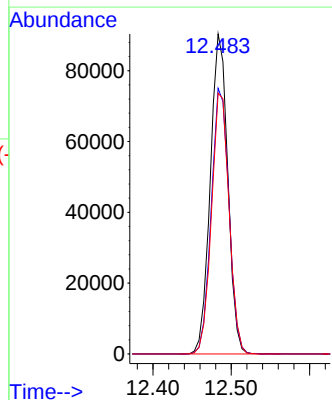
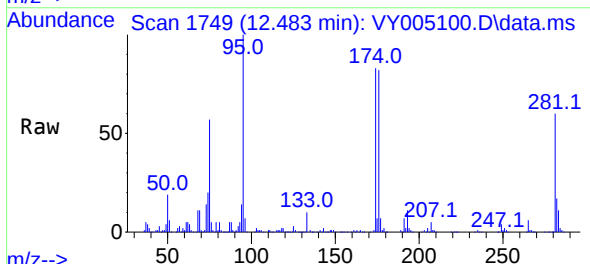
Instrument :  
MSVOA\_Y  
ClientSampled :  
17-B6(64-68)

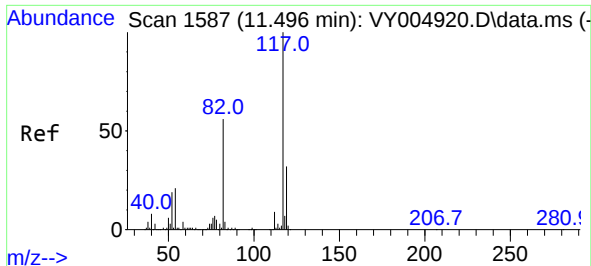
Tgt Ion: 98 Resp: 407563  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 55.516 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005100.D  
Acq: 11 Jun 2021 02:06

Tgt Ion: 95 Resp: 140031  
Ion Ratio Lower Upper  
95 100  
174 83.8 0.0 160.8  
176 82.0 0.0 155.6

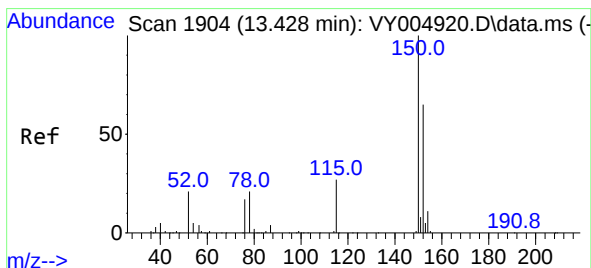
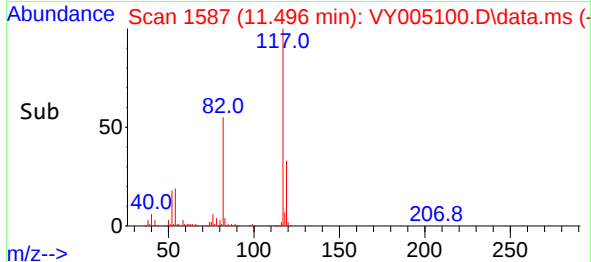
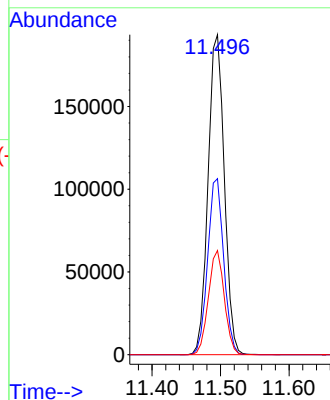
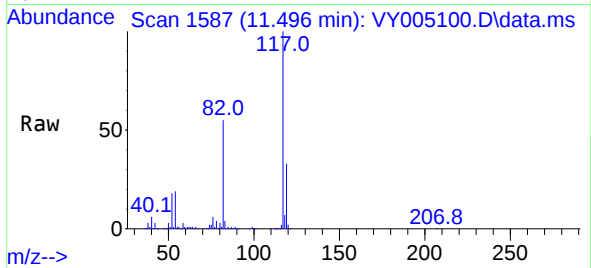




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005100.D  
Acq: 11 Jun 2021 02:06

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MSVOA\_Y  
ClientSampleId :  
17-B6(64-68)

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 318415 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 55.0  | 44.8  | 67.2   |
| 119       | 32.5  | 25.2  | 37.8   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005100.D  
Acq: 11 Jun 2021 02:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 150158 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 58.0  | 29.9  | 89.7   |
| 150       | 157.7 | 0.0   | 347.8  |

