

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081621\  
 Data File : VY005666.D  
 Acq On : 16 Aug 2021 13:35  
 Operator : SY/MD  
 Sample : M3407-04  
 Misc : 6.95G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 25S

Quant Time: Aug 17 05:18:37 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

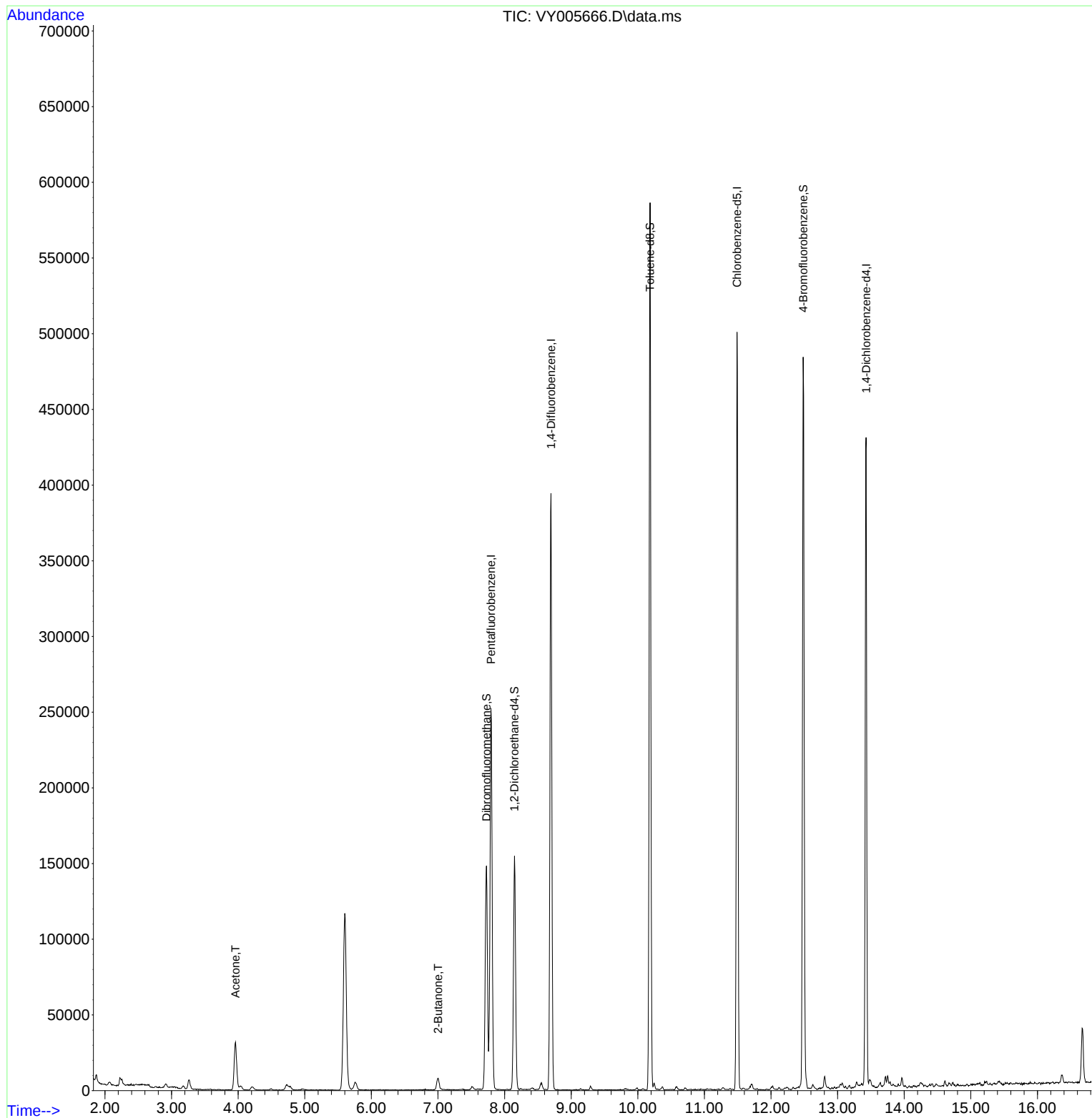
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 202726   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 323678   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 270755   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 110202   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.148  | 65    | 121377   | 59.148   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 118.300% |
| 35) Dibromofluoromethane    | 7.728  | 113   | 99997    | 55.180   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 110.360% |
| 50) Toluene-d8              | 10.185 | 98    | 370549   | 48.755   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 97.500%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 108608   | 43.153   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 86.300%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.960  | 43    | 54461    | 105.263  | ug/l   | 99       |
| 25) 2-Butanone              | 7.002  | 43    | 13259    | 17.337   | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

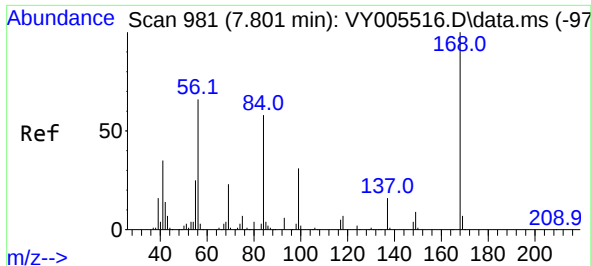
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081621\  
Data File : VY005666.D  
Acq On : 16 Aug 2021 13:35  
Operator : SY/MD  
Sample : M3407-04  
Misc : 6.95G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
25S

Quant Time: Aug 17 05:18:37 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 03 04:52:05 2021  
Response via : Initial Calibration

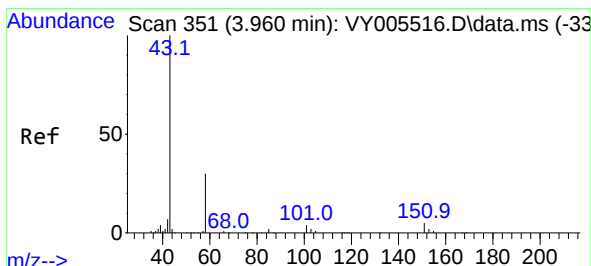
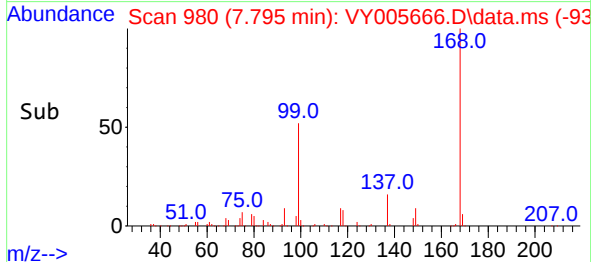
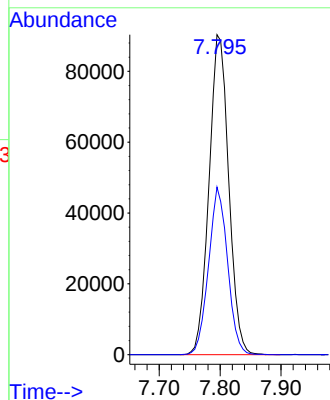
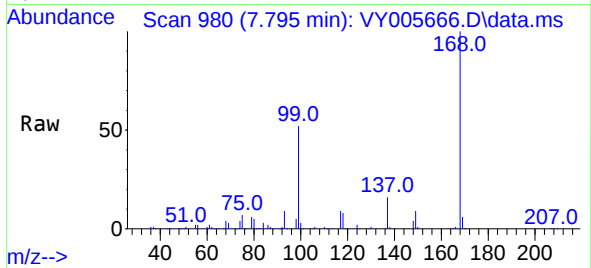




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005666.D  
Acq: 16 Aug 2021 13:35

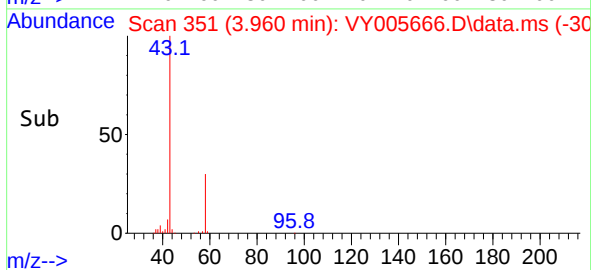
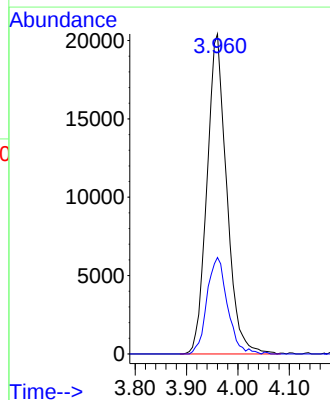
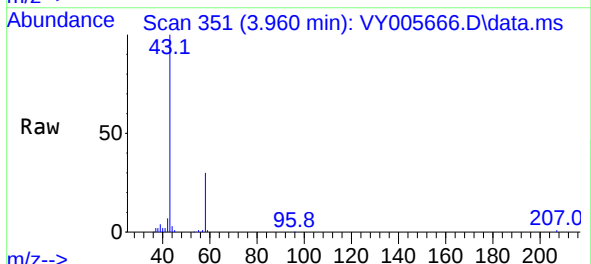
Instrument :  
MSVOA\_Y  
ClientSampleId :  
25S

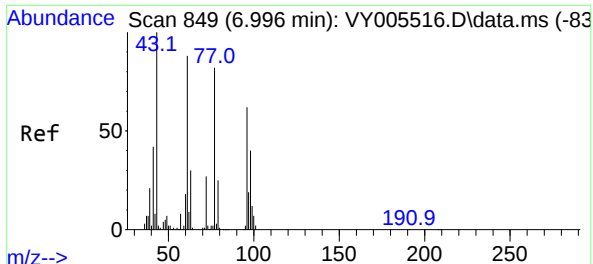
Tgt Ion:168 Resp: 202726  
Ion Ratio Lower Upper  
168 100  
99 52.4 38.9 58.3



#16  
Acetone  
Concen: 105.263 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VY005666.D  
Acq: 16 Aug 2021 13:35

Tgt Ion: 43 Resp: 54461  
Ion Ratio Lower Upper  
43 100  
58 30.2 23.8 35.6

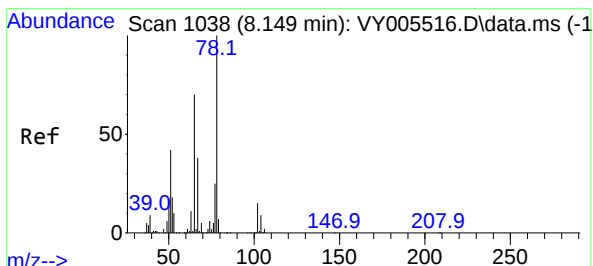
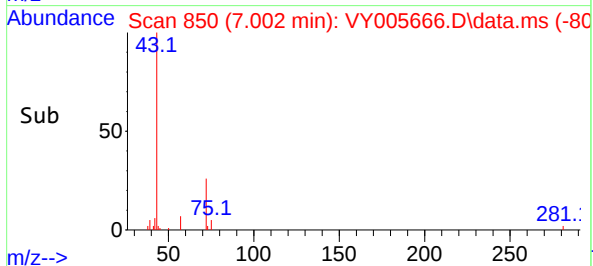
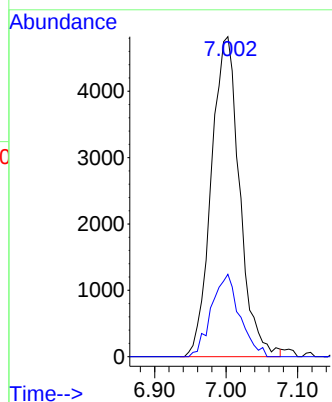
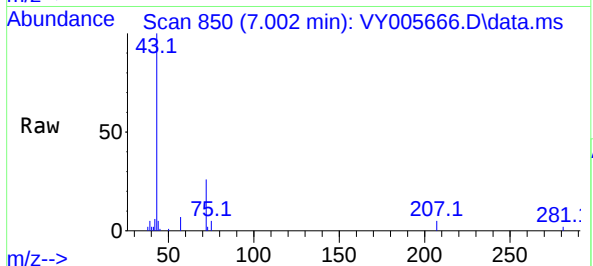




#25  
2-Butanone  
Concen: 17.337 ug/l  
RT: 7.002 min Scan# 850  
Delta R.T. 0.006 min  
Lab File: VY005666.D  
Acq: 16 Aug 2021 13:35

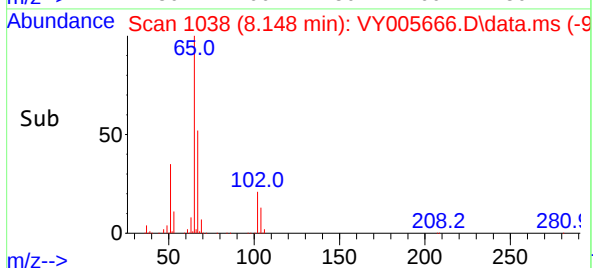
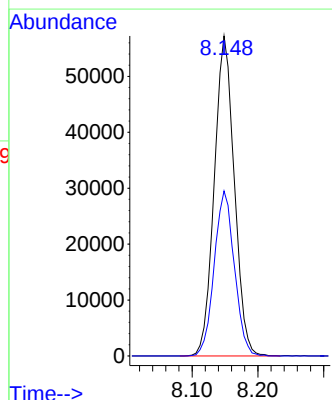
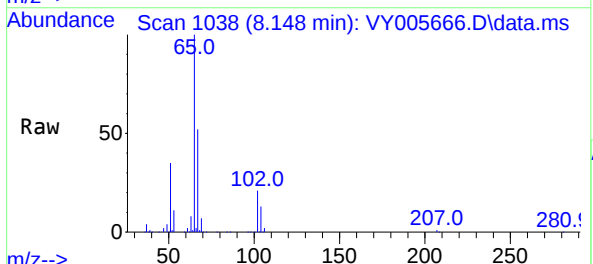
Instrument :  
MSVOA\_Y  
ClientSampled :  
25S

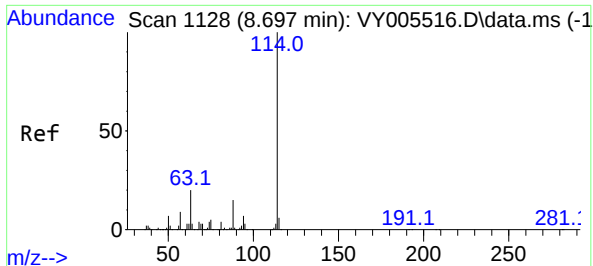
Tgt Ion: 43 Resp: 13259  
Ion Ratio Lower Upper  
43 100  
72 25.7 21.4 32.2



#33  
1,2-Dichloroethane-d4  
Concen: 59.148 ug/l  
RT: 8.148 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005666.D  
Acq: 16 Aug 2021 13:35

Tgt Ion: 65 Resp: 121377  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 103.4

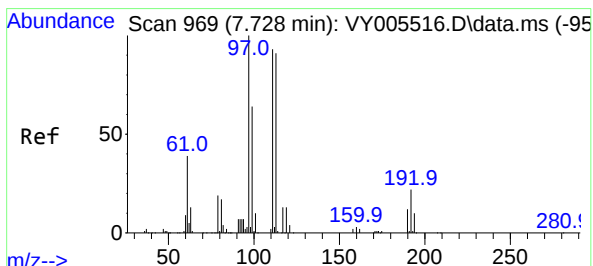
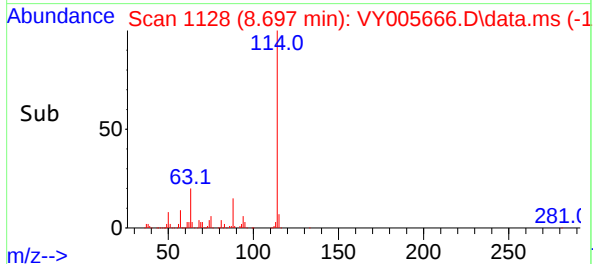
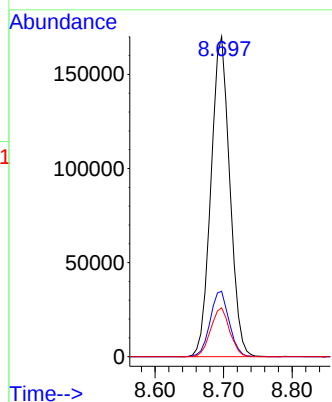
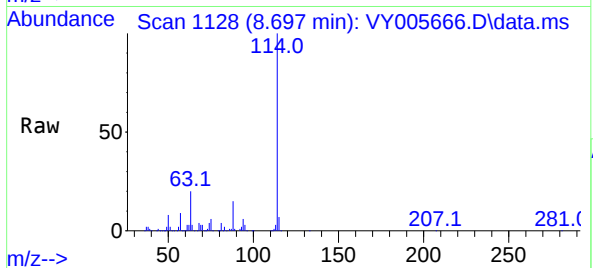




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005666.D  
Acq: 16 Aug 2021 13:35

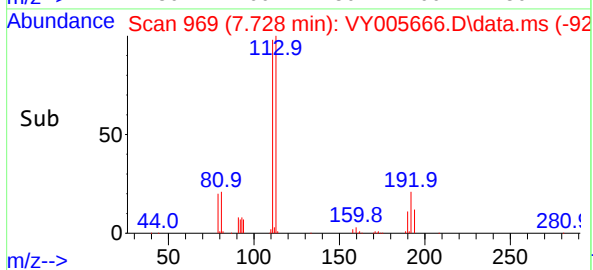
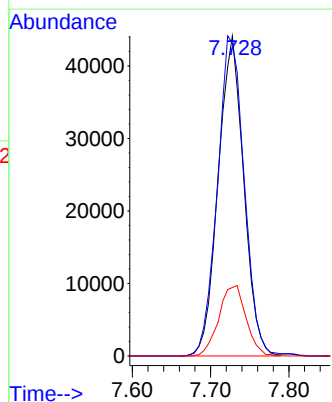
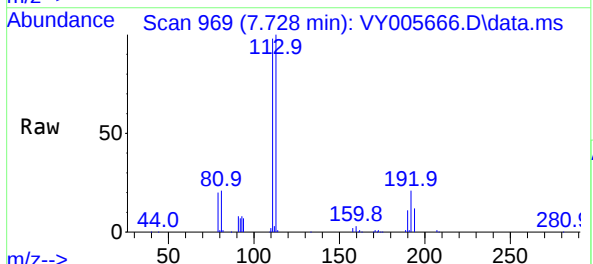
Instrument :  
MSVOA\_Y  
ClientSampled :  
25S

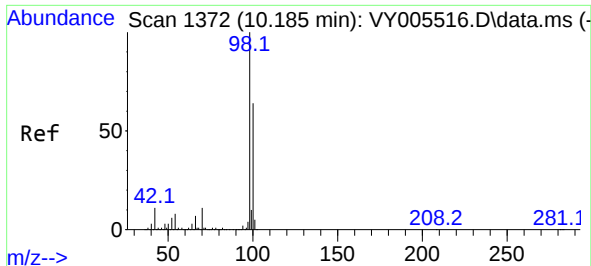
Tgt Ion:114 Resp: 323678  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 39.2  
88 15.2 0.0 30.8



#35  
Dibromofluoromethane  
Concen: 55.180 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005666.D  
Acq: 16 Aug 2021 13:35

Tgt Ion:113 Resp: 99997  
Ion Ratio Lower Upper  
113 100  
111 104.8 81.9 122.9  
192 23.5 19.2 28.8

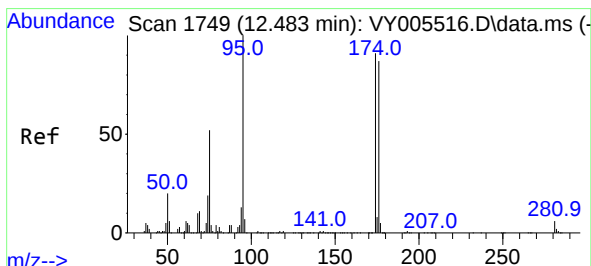
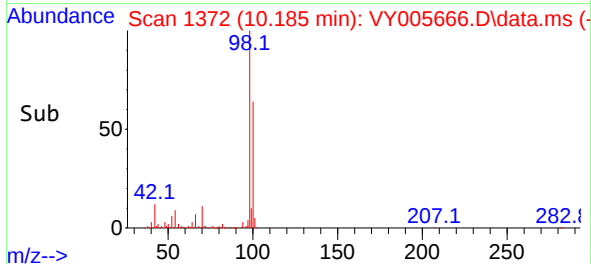
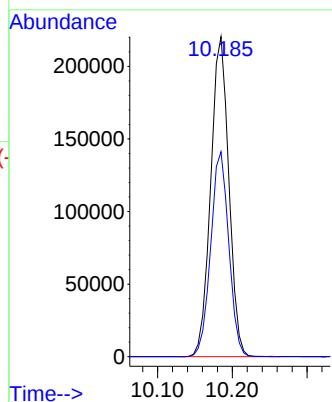
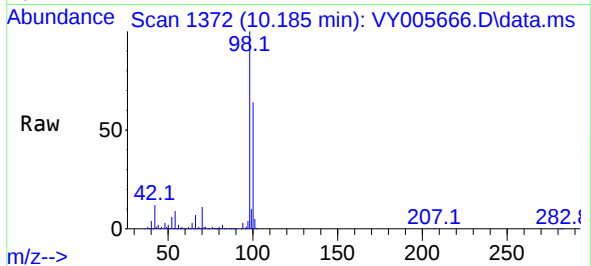




#50  
Toluene-d8  
Concen: 48.755 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005666.D  
Acq: 16 Aug 2021 13:35

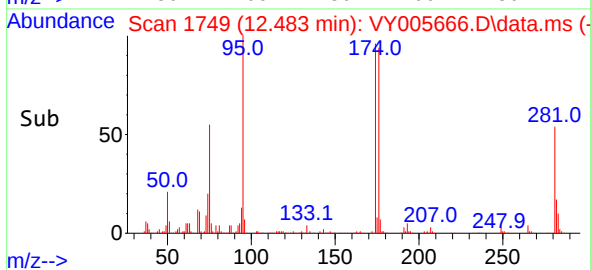
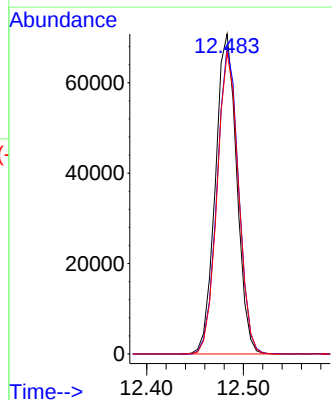
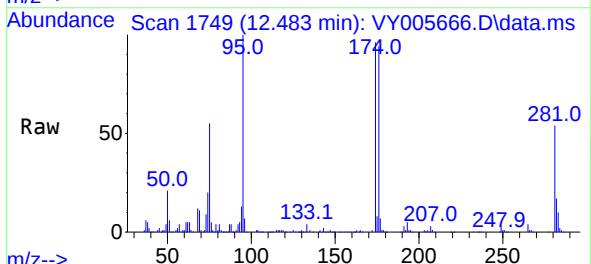
Instrument :  
MSVOA\_Y  
ClientSampled :  
25S

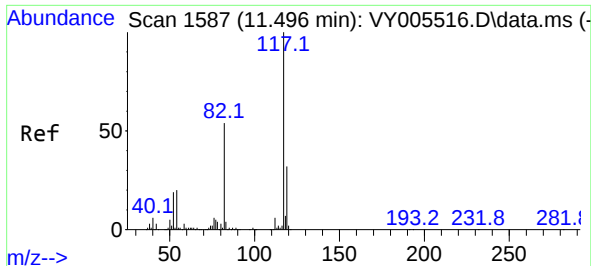
Tgt Ion: 98 Resp: 370549  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.3 76.9



#62  
4-Bromofluorobenzene  
Concen: 43.153 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005666.D  
Acq: 16 Aug 2021 13:35

Tgt Ion: 95 Resp: 108608  
Ion Ratio Lower Upper  
95 100  
174 95.9 0.0 191.4  
176 93.9 0.0 183.6

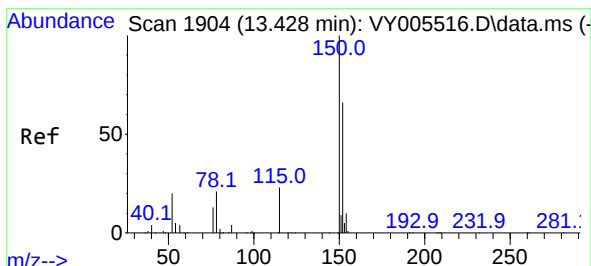
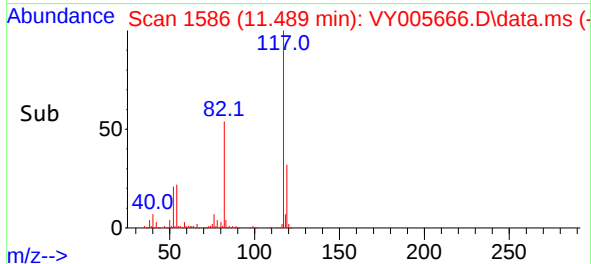
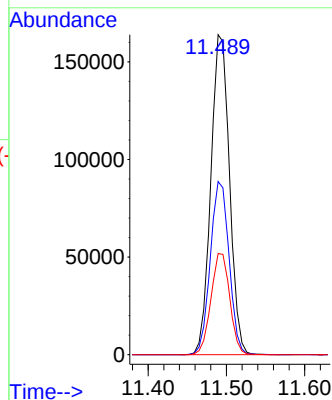
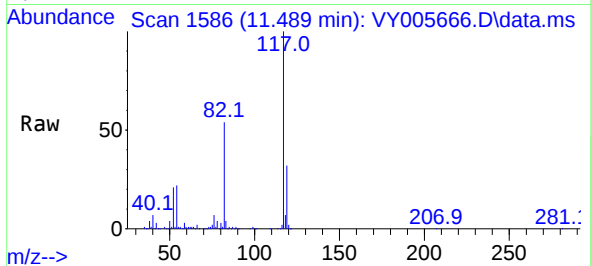




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY005666.D  
Acq: 16 Aug 2021 13:35

Instrument :  
MSVOA\_Y  
ClientSampled :  
25S

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 270755 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.1  | 43.5  | 65.3   |
| 119      | 31.6  | 25.5  | 38.3   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005666.D  
Acq: 16 Aug 2021 13:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 110202 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 54.9  | 27.3  | 81.9   |
| 150      | 157.6 | 0.0   | 350.2  |

