

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060721\  
 Data File : VY004984.D  
 Acq On : 07 Jun 2021 11:41  
 Operator : SY/MD  
 Sample : VY0607SBL01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0607SBL01

Quant Time: Jun 08 02:07:29 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  | 198093   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 368543   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 355783   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 156659   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 127424   | 60.846   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 121.700% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 115902   | 58.454   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 116.900% |
| 50) Toluene-d8              | 10.179 | 98    | 460456   | 55.915   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 111.840% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 155576   | 54.933   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 109.860% |

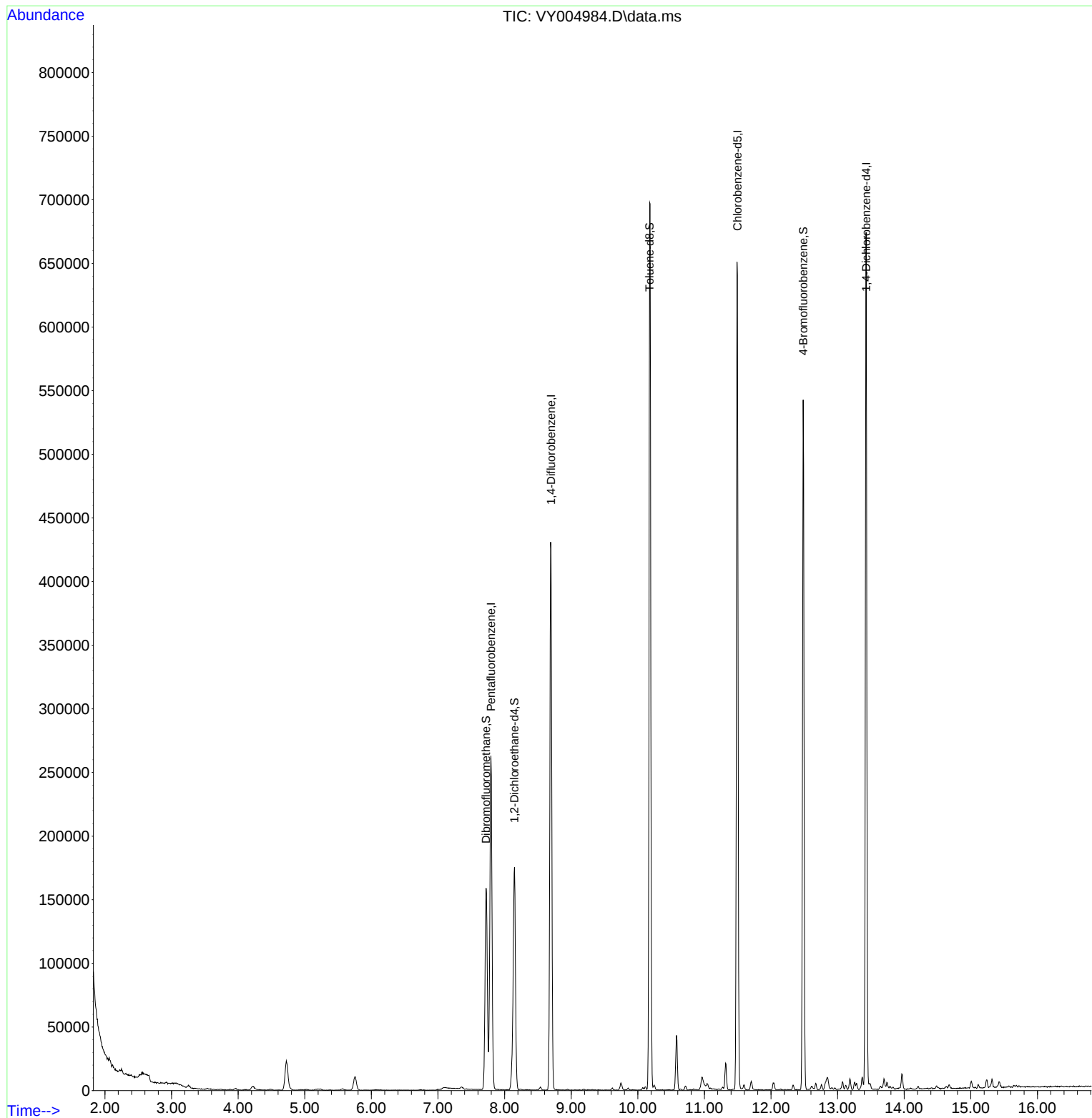
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

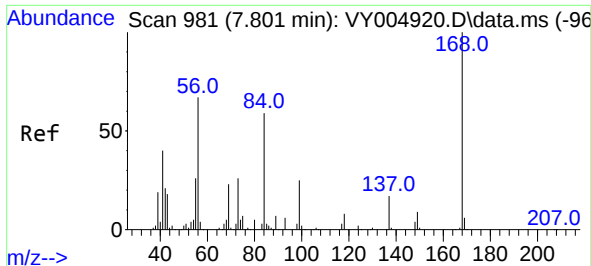
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060721\  
Data File : VY004984.D  
Acq On : 07 Jun 2021 11:41  
Operator : SY/MD  
Sample : VY0607SBL01  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBL01

Quant Time: Jun 08 02:07:29 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

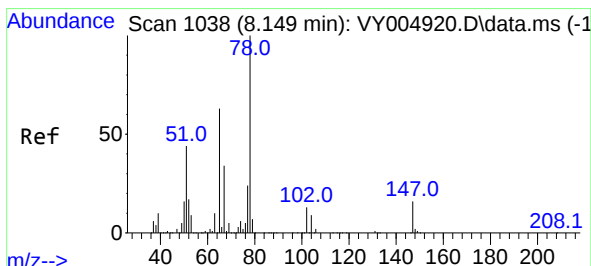
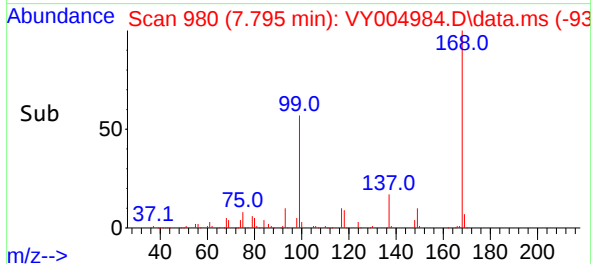
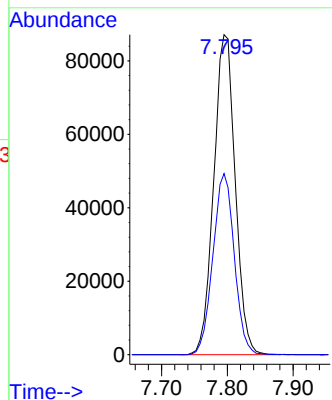
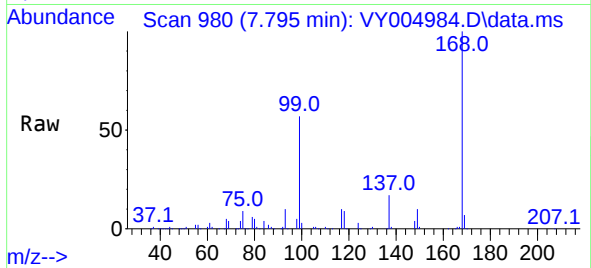




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY004984.D  
Acq: 07 Jun 2021 11:41

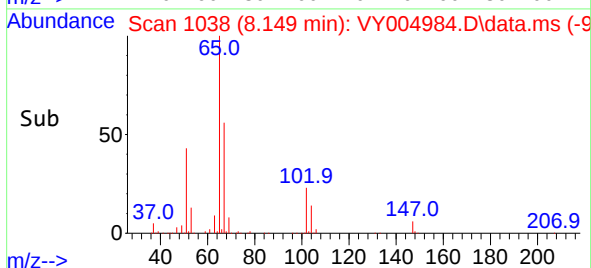
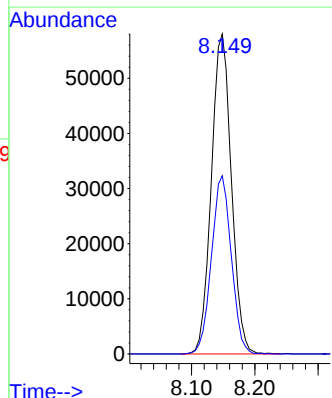
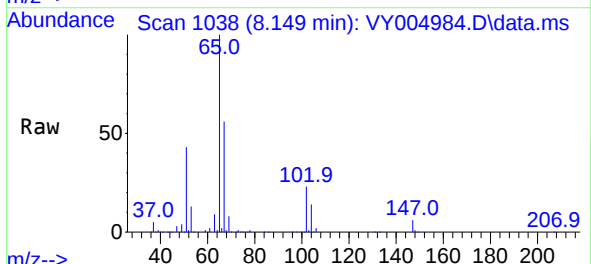
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBL01

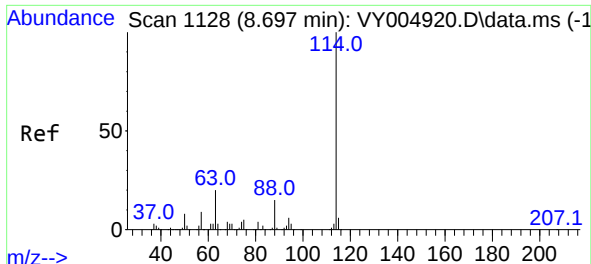
Tgt Ion:168 Resp: 198093  
Ion Ratio Lower Upper  
168 100  
99 56.6 43.9 65.9



#33  
1,2-Dichloroethane-d4  
Concen: 60.846 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY004984.D  
Acq: 07 Jun 2021 11:41

Tgt Ion: 65 Resp: 127424  
Ion Ratio Lower Upper  
65 100  
67 55.2 0.0 110.6





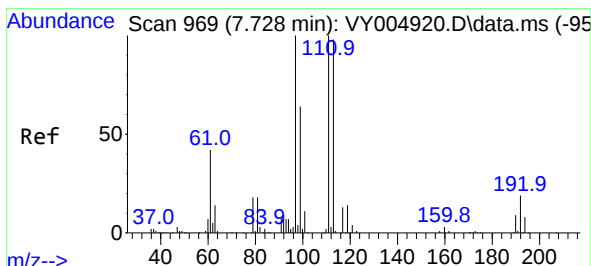
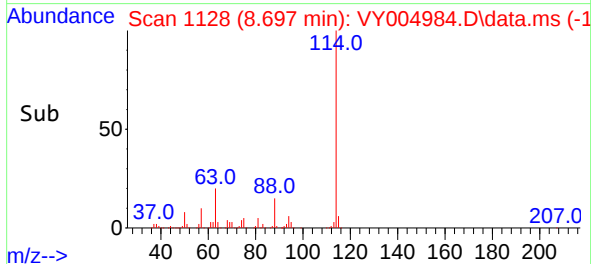
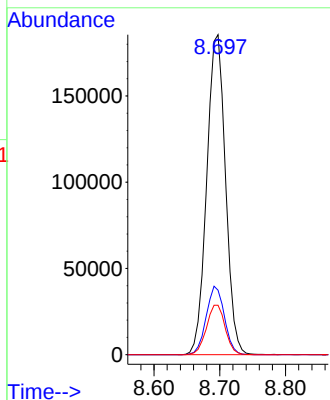
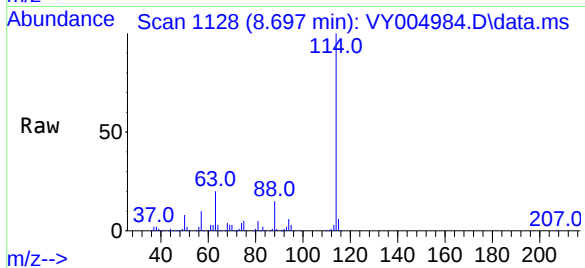
#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY004984.D  
Acq: 07 Jun 2021 11:41

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBL01

Tgt Ion:114 Resp: 368543

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 20.1  | 0.0   | 41.0  |
| 88  | 15.5  | 0.0   | 30.6  |

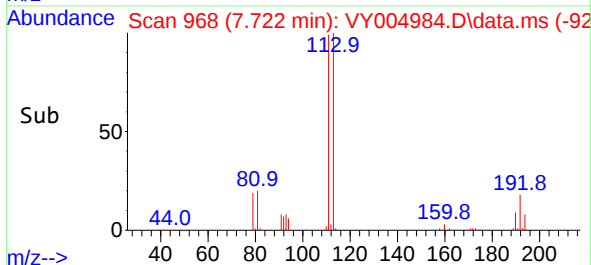
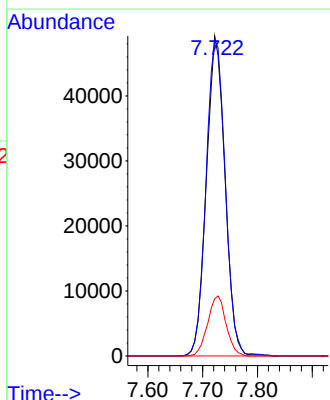
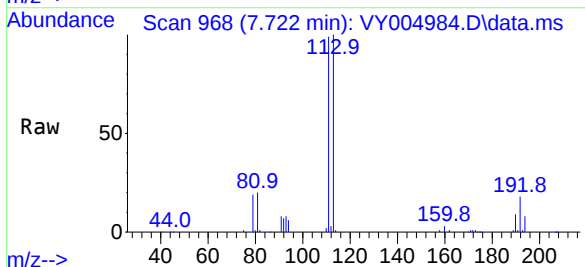


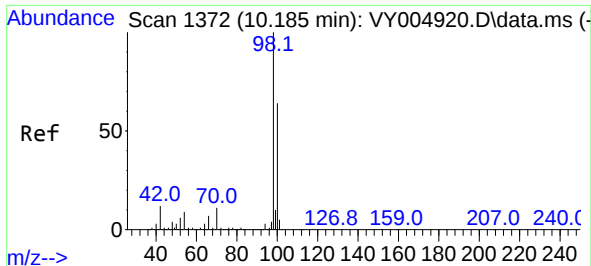
#35

Dibromofluoromethane  
Concen: 58.454 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY004984.D  
Acq: 07 Jun 2021 11:41

Tgt Ion:113 Resp: 115902

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 101.9 | 81.8  | 122.8 |
| 192 | 18.6  | 15.3  | 22.9  |

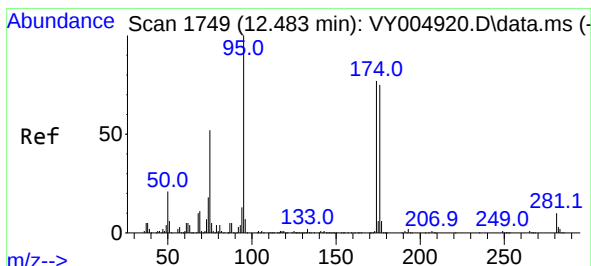
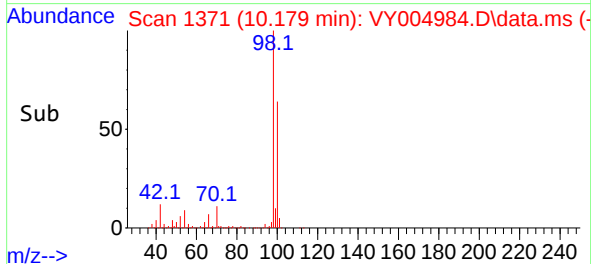
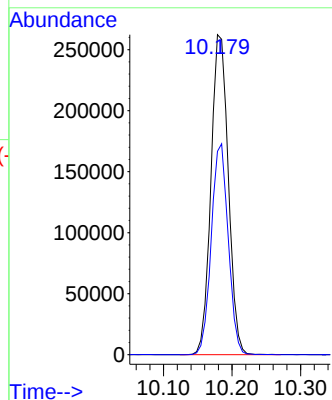
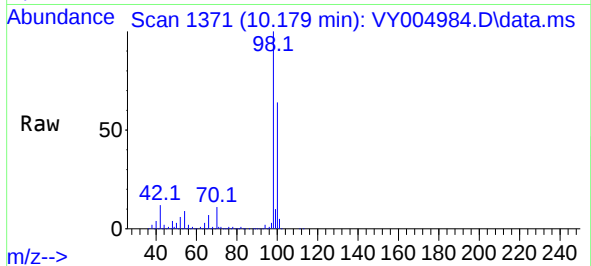




#50  
Toluene-d8  
Concen: 55.915 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: VY004984.D  
Acq: 07 Jun 2021 11:41

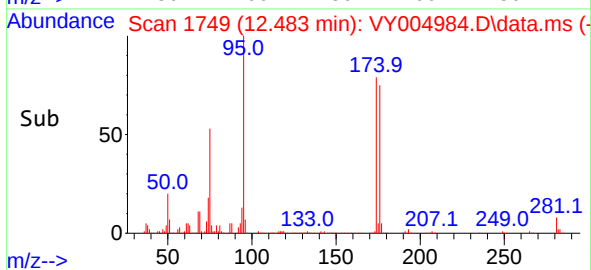
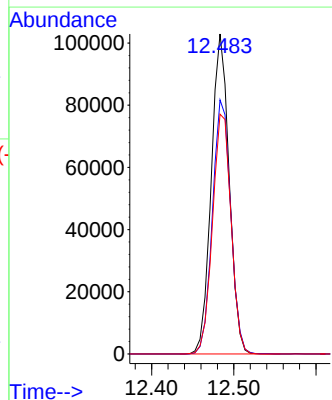
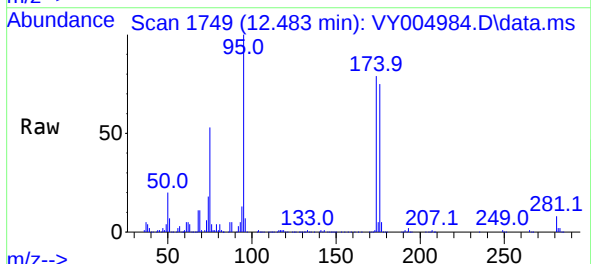
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBL01

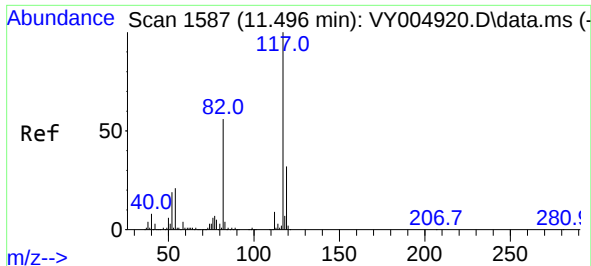
Tgt Ion: 98 Resp: 460456  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.8 77.6



#62  
4-Bromofluorobenzene  
Concen: 54.933 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY004984.D  
Acq: 07 Jun 2021 11:41

Tgt Ion: 95 Resp: 155576  
Ion Ratio Lower Upper  
95 100  
174 81.0 0.0 160.8  
176 77.6 0.0 155.6

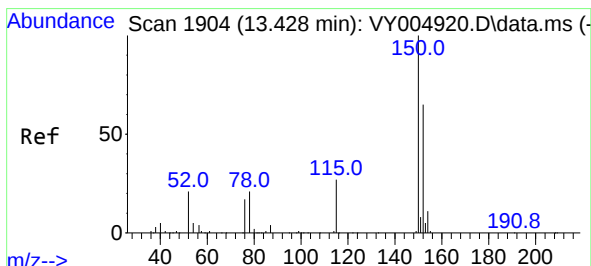
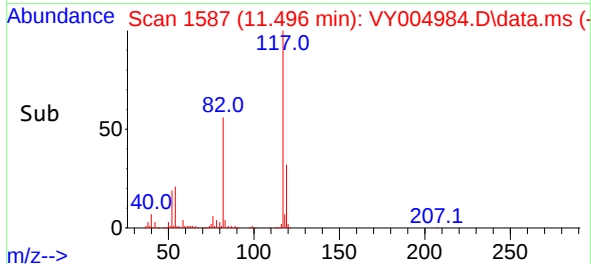
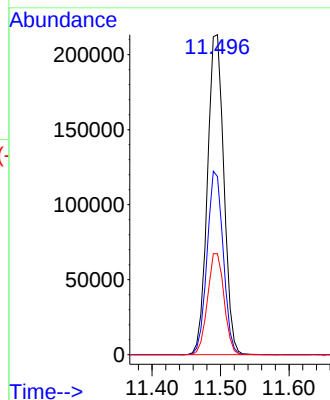
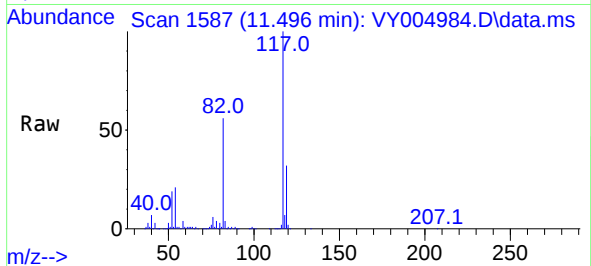




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004984.D  
Acq: 07 Jun 2021 11:41

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0607SBL01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 355783 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 55.6  | 44.8  | 67.2   |
| 119      | 31.6  | 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: VY004984.D  
Acq: 07 Jun 2021 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 156659 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 60.1  | 29.9  | 89.7   |
| 150      | 159.0 | 0.0   | 347.8  |

