

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091721\  
 Data File : VY006080.D  
 Acq On : 17 Sep 2021 19:06  
 Operator : SY/MD  
 Sample : M3786-03  
 Misc : 3.60G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CHRT-25949

Quant Time: Sep 20 01:43:52 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

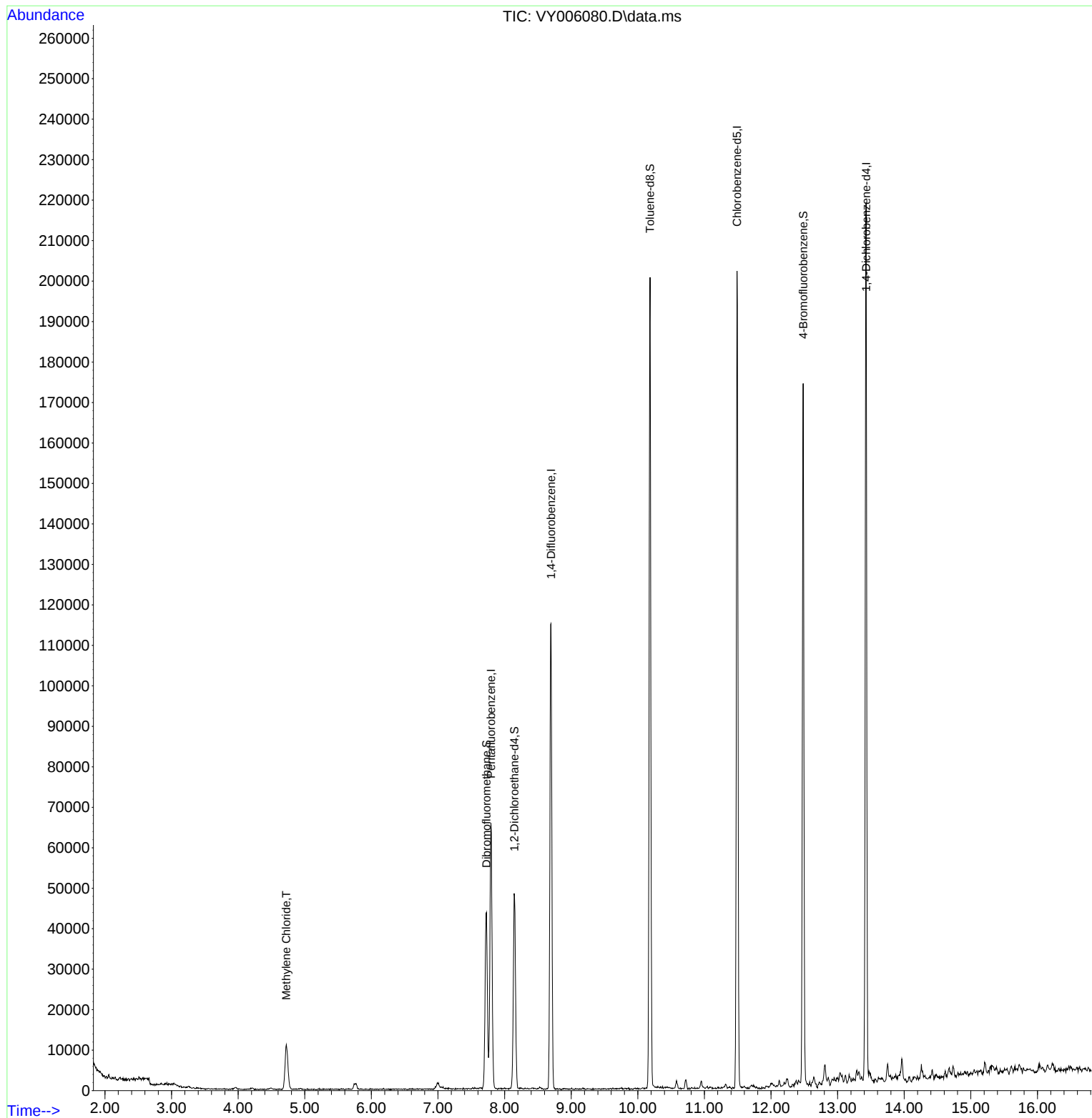
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-----------------------------|--------|-------|----------|----------|-------|--------------|
| -----                       |        |       |          |          |       |              |
| Internal Standards          |        |       |          |          |       |              |
| 1) Pentafluorobenzene       | 7.795  | 168   | 50008    | 50.000   | ug/l  | 0.00         |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 94480    | 50.000   | ug/l  | 0.00         |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 103621   | 50.000   | ug/l  | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 51660    | 50.000   | ug/l  | 0.00         |
| System Monitoring Compounds |        |       |          |          |       |              |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 40179    | 57.841   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 115.680%     |
| 35) Dibromofluoromethane    | 7.728  | 113   | 30001    | 51.124   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 102.240%     |
| 50) Toluene-d8              | 10.185 | 98    | 124722   | 49.867   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 99.740%      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 48714    | 57.367   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 114.740%     |
| Target Compounds            |        |       |          |          |       |              |
| 20) Methylene Chloride      | 4.722  | 84    | 7491     | 8.768    | ug/l  | Qvalue<br>87 |
| -----                       |        |       |          |          |       |              |

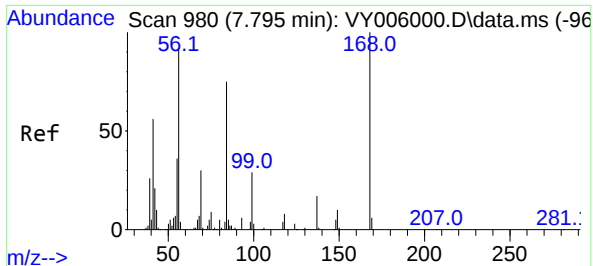
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091721\  
Data File : VY006080.D  
Acq On : 17 Sep 2021 19:06  
Operator : SY/MD  
Sample : M3786-03  
Misc : 3.60G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-25949

Quant Time: Sep 20 01:43:52 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

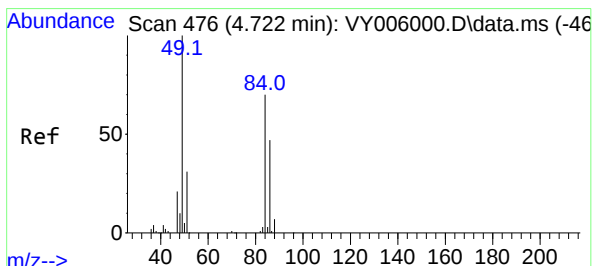
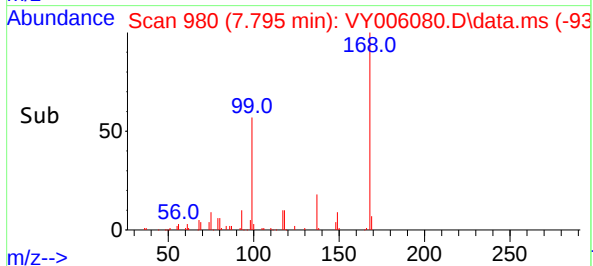
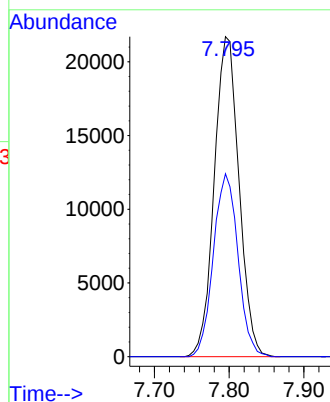
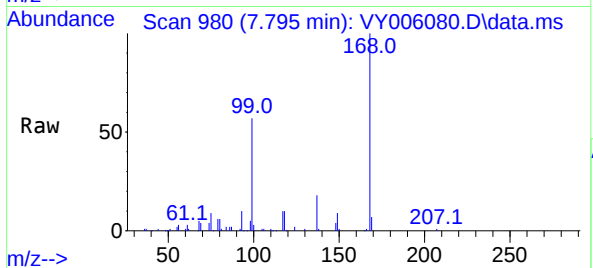




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY006080.D  
Acq: 17 Sep 2021 19:06

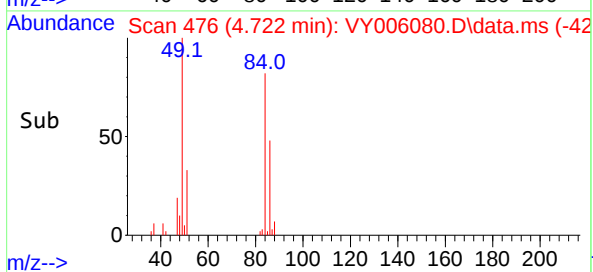
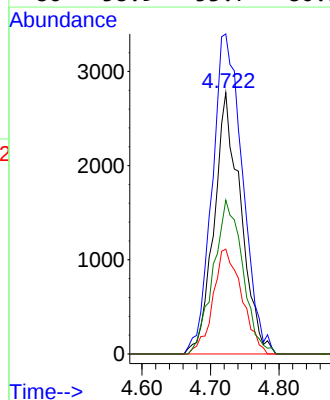
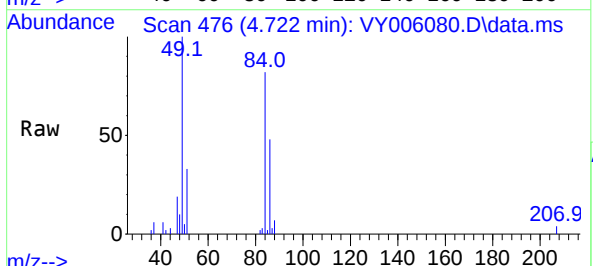
Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-25949

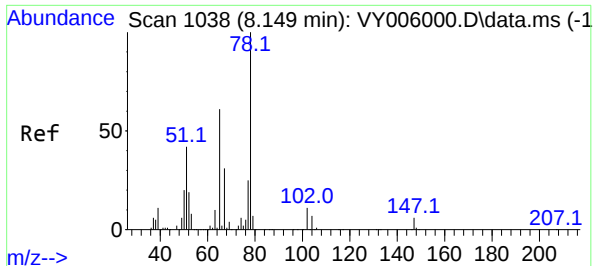
Tgt Ion:168 Resp: 50008  
Ion Ratio Lower Upper  
168 100  
99 57.1 46.9 70.3



#20  
Methylene Chloride  
Concen: 8.768 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VY006080.D  
Acq: 17 Sep 2021 19:06

Tgt Ion: 84 Resp: 7491  
Ion Ratio Lower Upper  
84 100  
49 122.5 114.4 171.6  
51 40.1 35.3 52.9  
86 58.9 53.7 80.5

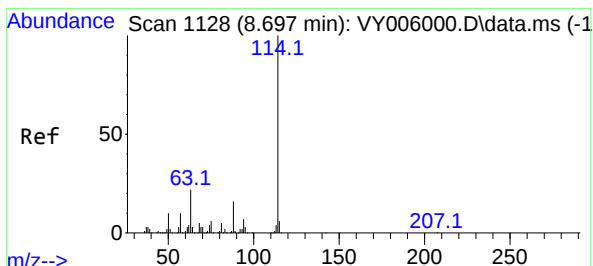
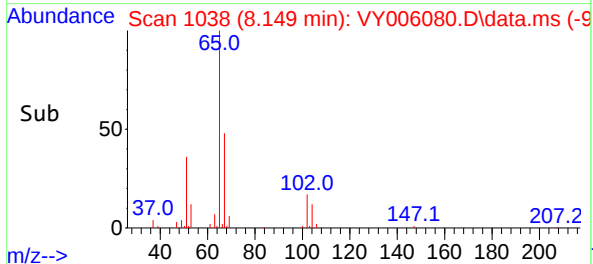
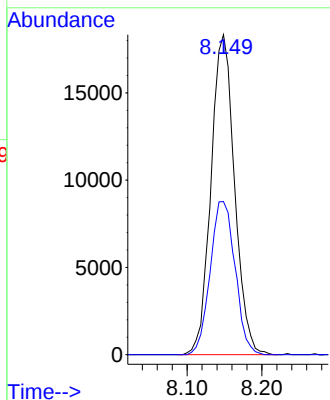
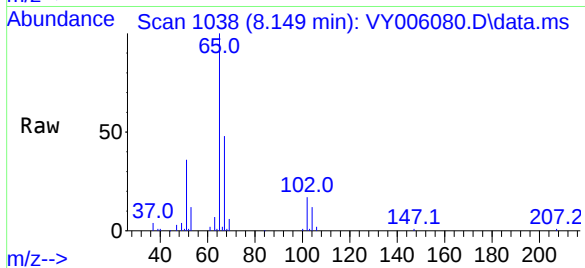




#33  
1,2-Dichloroethane-d4  
Concen: 57.841 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY006080.D  
Acq: 17 Sep 2021 19:06

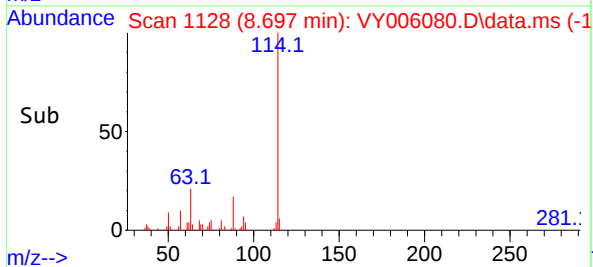
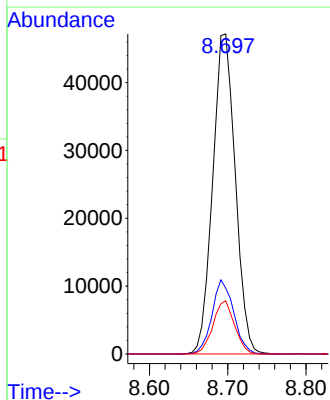
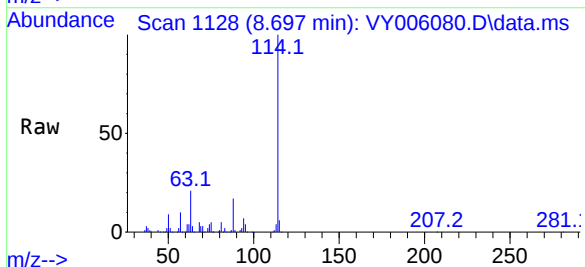
Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-25949

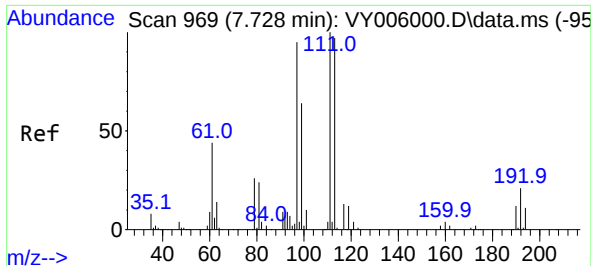
Tgt Ion: 65 Resp: 40179  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 99.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY006080.D  
Acq: 17 Sep 2021 19:06

Tgt Ion:114 Resp: 94480  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 43.2  
88 16.6 0.0 31.8

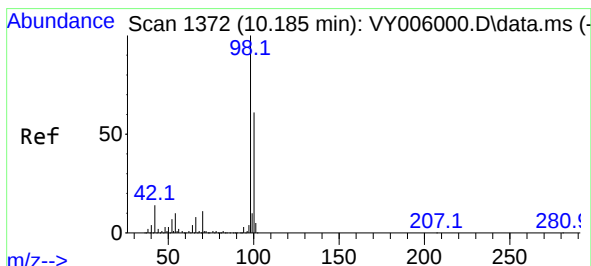
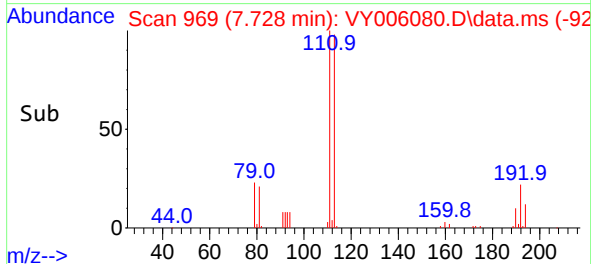
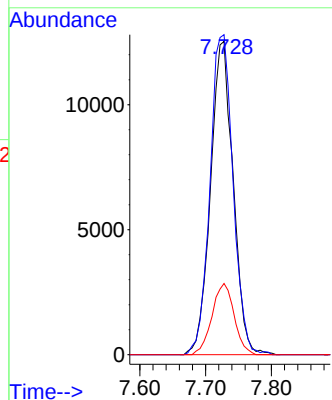
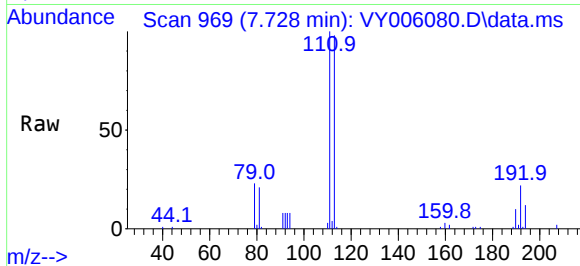




#35  
Dibromofluoromethane  
Concen: 51.124 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY006080.D  
Acq: 17 Sep 2021 19:06

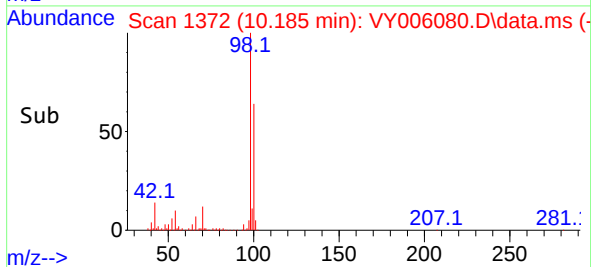
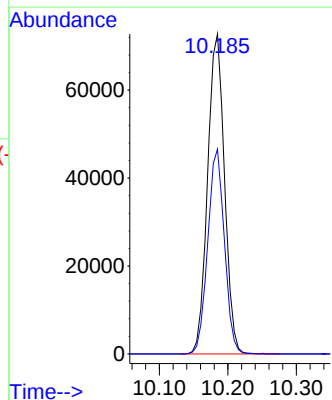
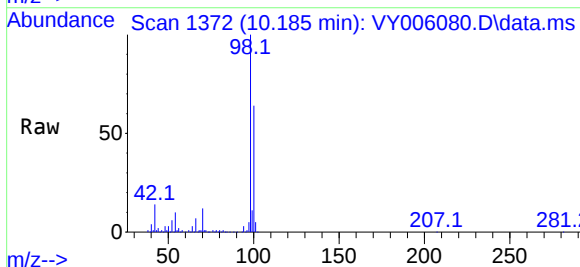
Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-25949

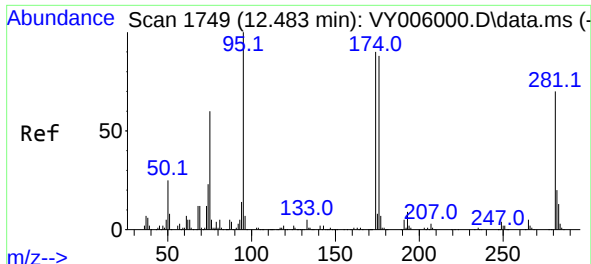
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 30001 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 104.0 | 82.6  | 124.0 |
| 192      | 22.3  | 17.6  | 26.4  |



#50  
Toluene-d8  
Concen: 49.867 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY006080.D  
Acq: 17 Sep 2021 19:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 124722 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.0  | 50.2  | 75.2   |

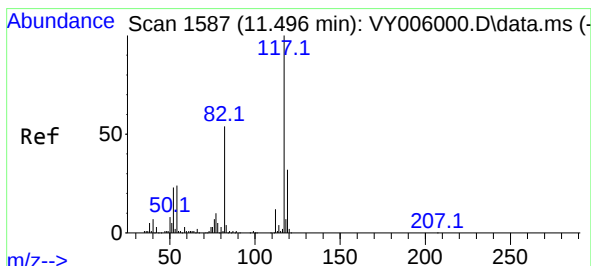
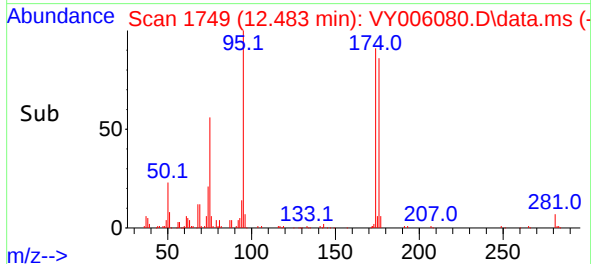
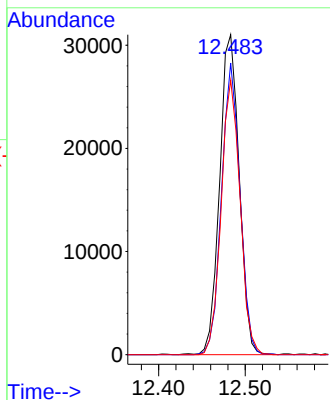
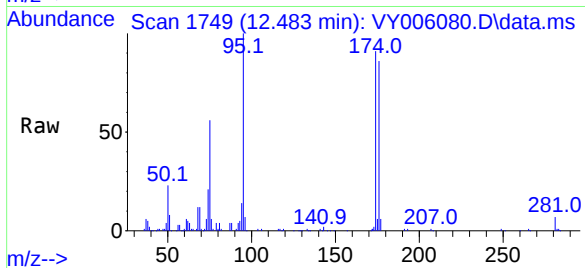




#62  
4-Bromofluorobenzene  
Concen: 57.367 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY006080.D  
Acq: 17 Sep 2021 19:06

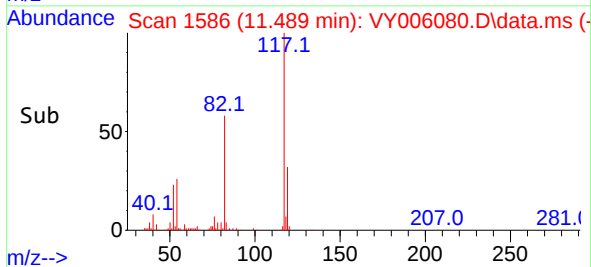
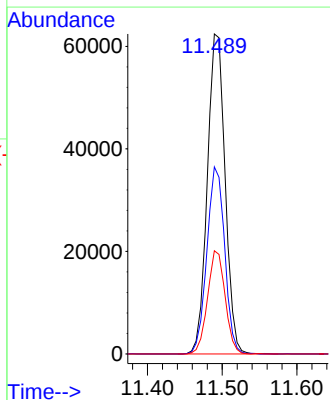
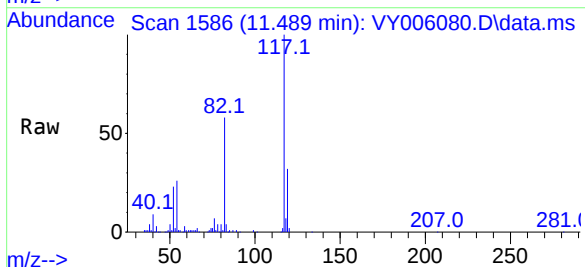
Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-25949

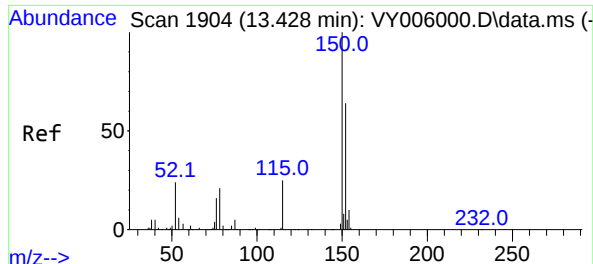
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 48714 |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 85.9  | 0.0   | 177.0 |
| 176       | 82.8  | 0.0   | 175.8 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY006080.D  
Acq: 17 Sep 2021 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 103621 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 58.4  | 43.0  | 64.4   |
| 119       | 32.3  | 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: VY006080.D  
 Acq: 17 Sep 2021 19:06

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CHRT-25949

Tgt Ion:152 Resp: 51660  
 Ion Ratio Lower Upper  
 152 100  
 115 58.6 28.2 84.7  
 150 157.4 0.0 347.6

