

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041522\  
 Data File : VY008350.D  
 Acq On : 15 Apr 2022 14:52  
 Operator : KP/MD  
 Sample : N2391-01  
 Misc : 4.99g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TR-06-041422

Quant Time: Apr 16 04:58:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 08 16:02:50 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 2434     | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 3926     | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 4119     | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 1208     | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 1707     | 74.662   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 149.320% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 1081     | 47.672   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 95.340%  |
| 50) Toluene-d8              | 10.179 | 98    | 4746     | 61.166   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 122.340% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 1278     | 43.791   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 87.580%  |

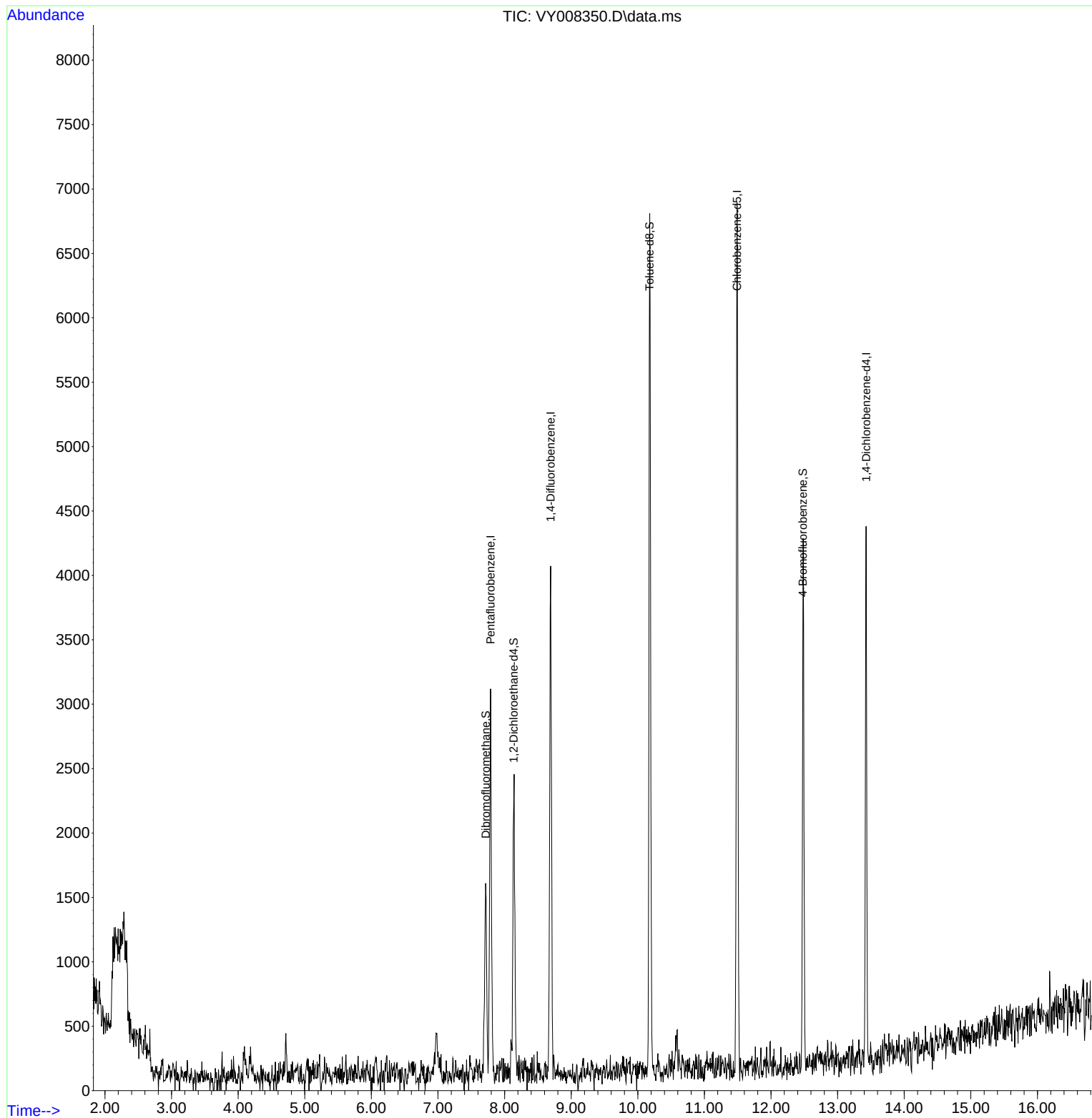
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

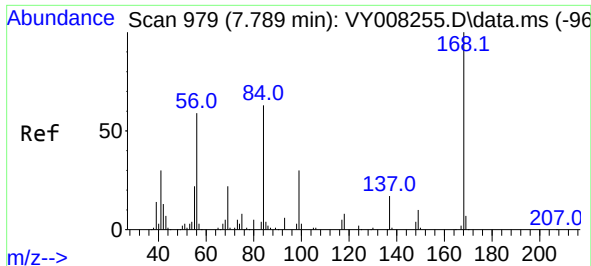
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Apr 08 16:02:50 2022  
Response via : Initial Calibration

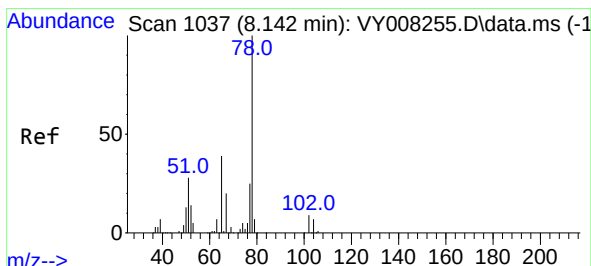
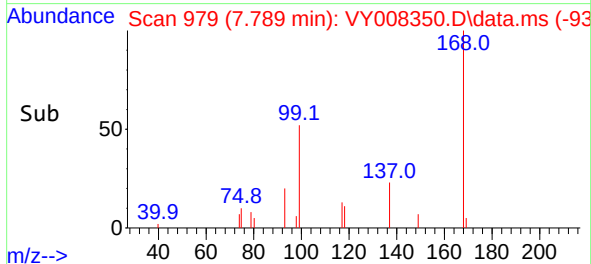
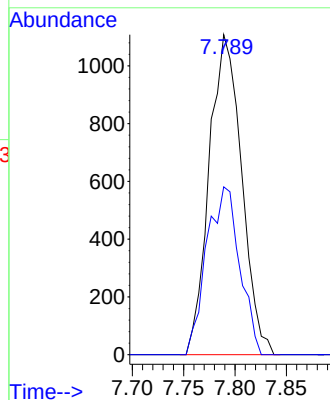
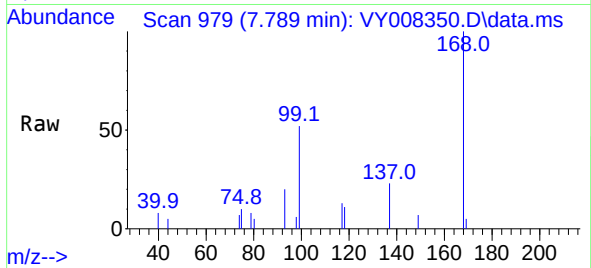




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY008350.D  
Acq: 15 Apr 2022 14:52

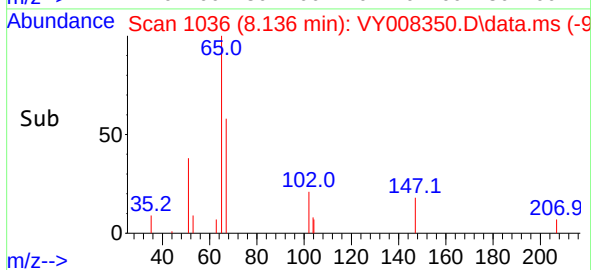
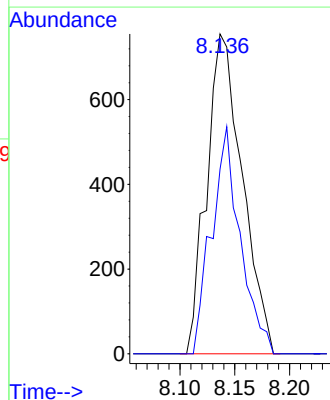
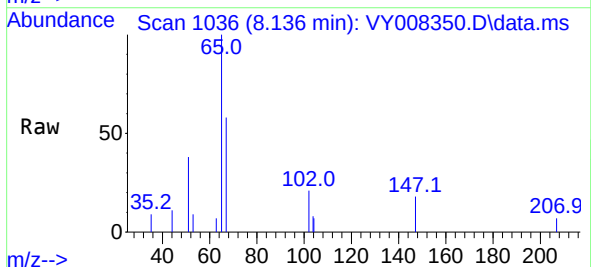
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TR-06-041422

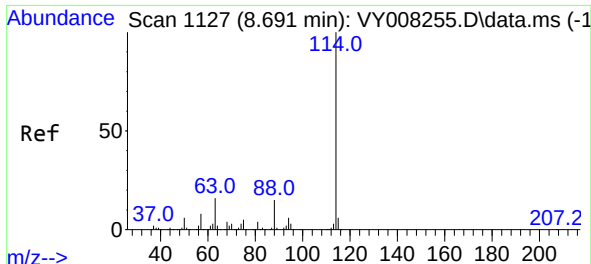
Tgt Ion:168 Resp: 2434  
Ion Ratio Lower Upper  
168 100  
99 52.4 46.9 70.3



#33  
1,2-Dichloroethane-d4  
Concen: 74.662 ug/l  
RT: 8.136 min Scan# 1036  
Delta R.T. -0.005 min  
Lab File: VY008350.D  
Acq: 15 Apr 2022 14:52

Tgt Ion: 65 Resp: 1707  
Ion Ratio Lower Upper  
65 100  
67 57.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008350.D

Acq: 15 Apr 2022 14:52

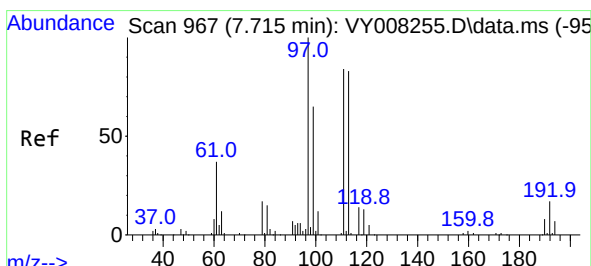
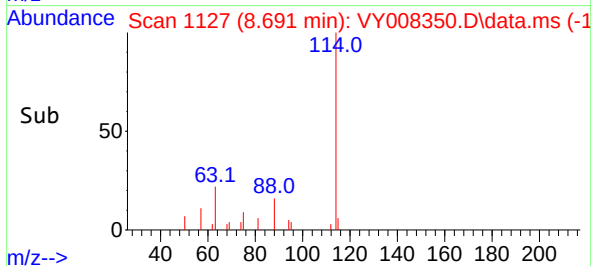
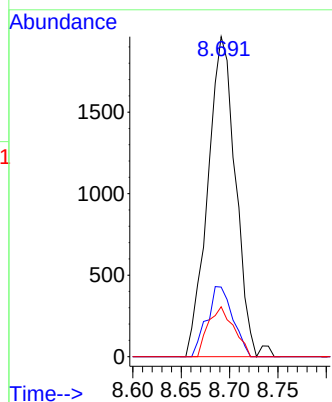
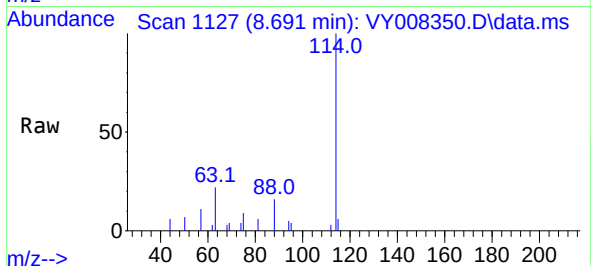
Instrument :

MSVOA\_Y

ClientSampleId :

TR-06-041422

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 114   | Resp: | 3926  |
| Ion      | Ratio | Lower | Upper |
| 114      | 100   |       |       |
| 63       | 21.8  | 0.0   | 43.2  |
| 88       | 15.6  | 0.0   | 31.8  |



#35

Dibromofluoromethane

Concen: 47.672 ug/l

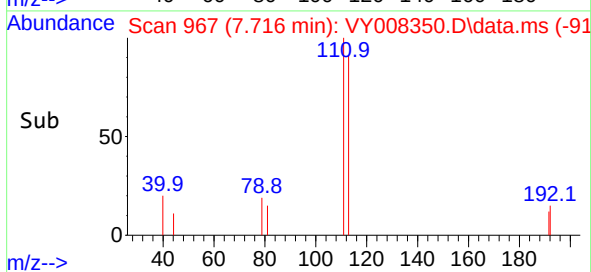
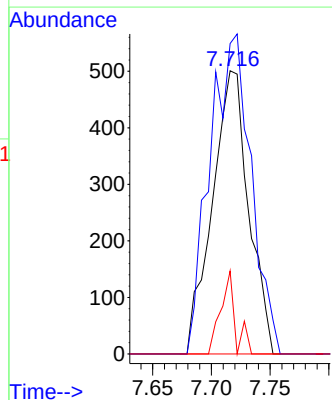
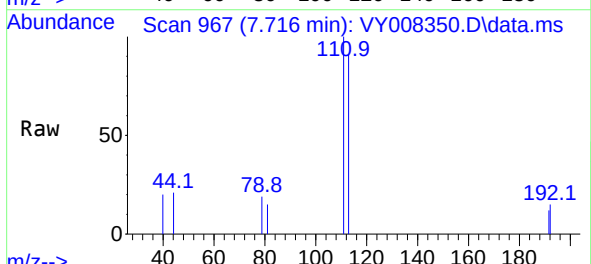
RT: 7.716 min Scan# 967

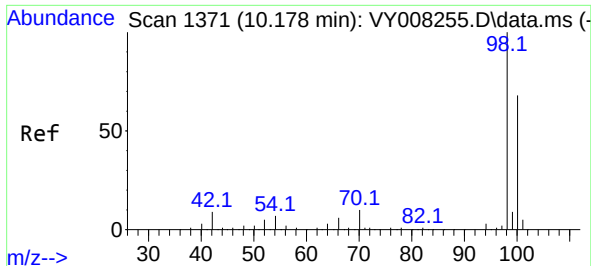
Delta R.T. 0.001 min

Lab File: VY008350.D

Acq: 15 Apr 2022 14:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 1081   |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 127.5 | 82.6  | 124.0# |
| 192      | 11.7  | 17.6  | 26.4#  |

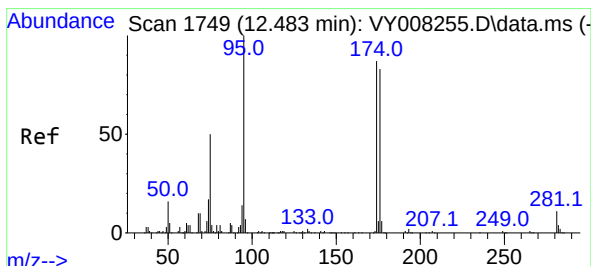
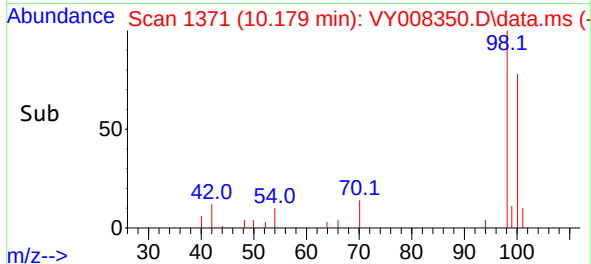
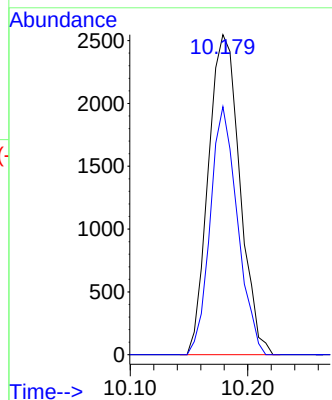
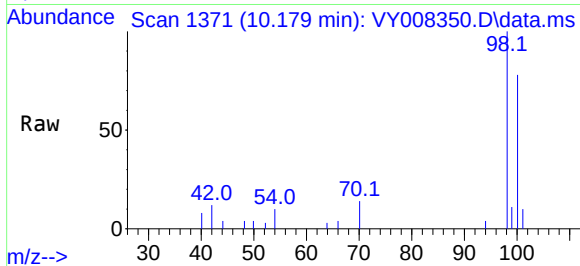




#50  
Toluene-d8  
Concen: 61.166 ug/l  
RT: 10.179 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY008350.D  
Acq: 15 Apr 2022 14:52

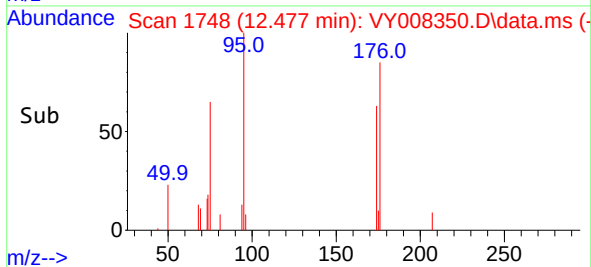
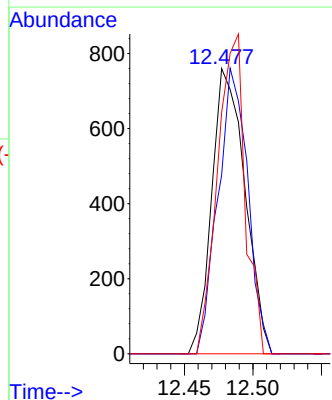
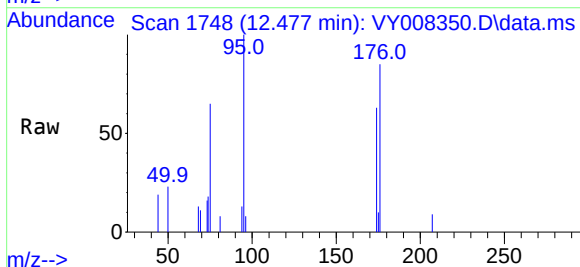
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TR-06-041422

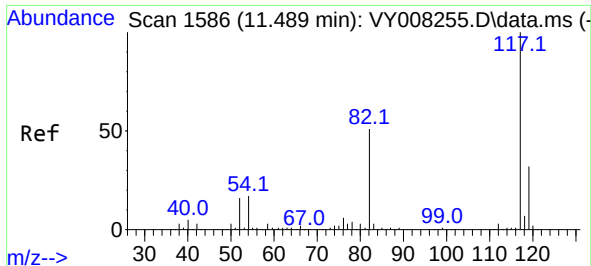
Tgt Ion: 98 Resp: 4746  
Ion Ratio Lower Upper  
98 100  
100 67.2 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 43.791 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY008350.D  
Acq: 15 Apr 2022 14:52

Tgt Ion: 95 Resp: 1278  
Ion Ratio Lower Upper  
95 100  
174 89.9 0.0 177.0  
176 93.3 0.0 175.8

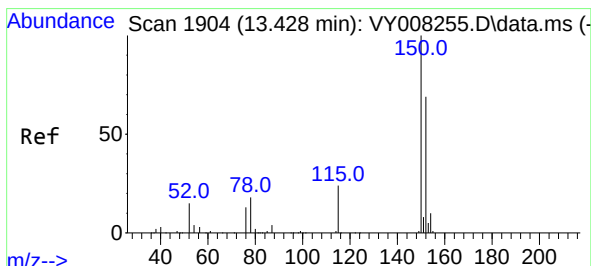
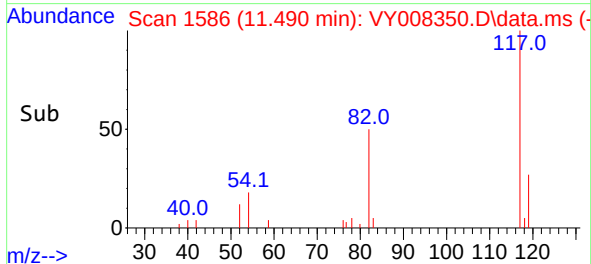
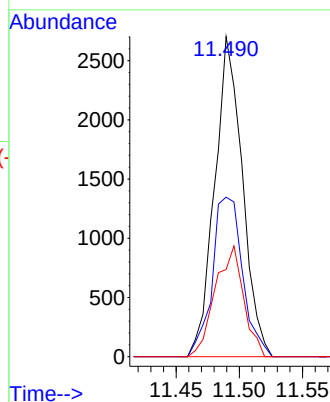
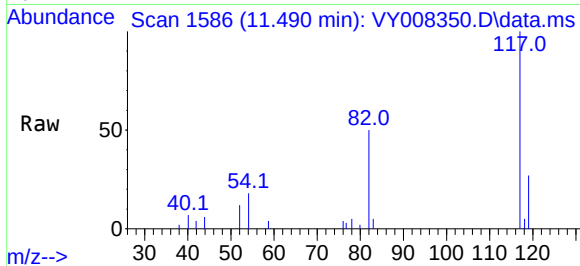




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 117  
Delta R.T. 0.001 min  
Lab File: VY008350.D  
Acq: 15 Apr 2022 14:52

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TR-06-041422

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 4119  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 49.9  | 43.0  | 64.4  |
| 119      | 27.2  | 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: VY008350.D  
Acq: 15 Apr 2022 14:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 1208  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 59.6  | 28.2  | 84.7  |
| 150      | 142.0 | 0.0   | 347.6 |

