

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092421\  
 Data File : VY006151.D  
 Acq On : 24 Sep 2021 20:11  
 Operator : SY/MD  
 Sample : M3934-04  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-7

Quant Time: Sep 25 05:48:42 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

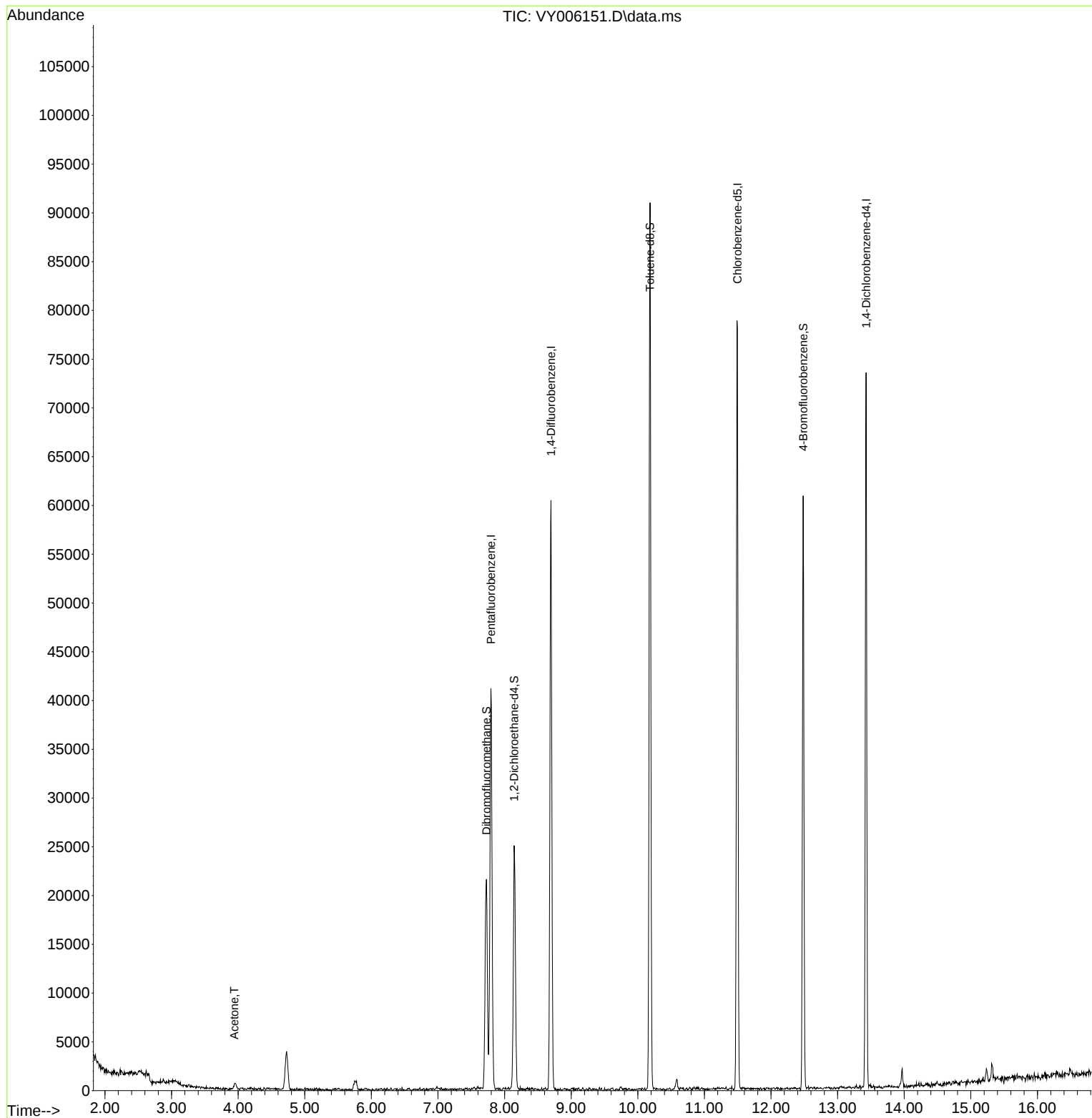
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.795  | 168   | 31401    | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 49140    | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 42735    | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 18822    | 50.000   | ug/l  | 0.00      |
|                             |        |       |          |          |       |           |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 20091    | 46.061   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 92.120%   |
| 35) Dibromofluoromethane    | 7.728  | 113   | 14626    | 47.920   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 95.840%   |
| 50) Toluene-d8              | 10.185 | 98    | 60732    | 46.686   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 93.380%   |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 16665    | 37.733   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 75.460%   |
|                             |        |       |          |          |       |           |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 3.942  | 43    | 1167     | 9.755    | ug/l  | Qvalue 96 |
| -----                       |        |       |          |          |       |           |

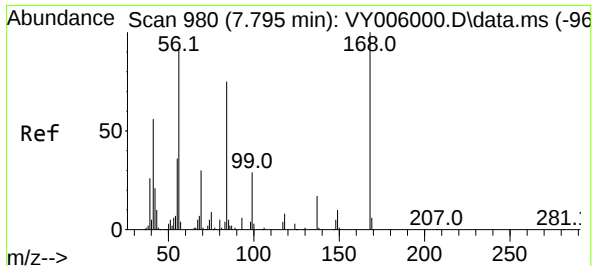
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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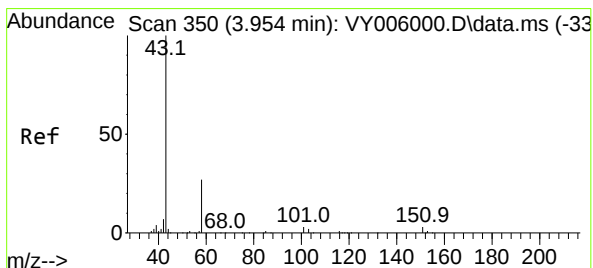
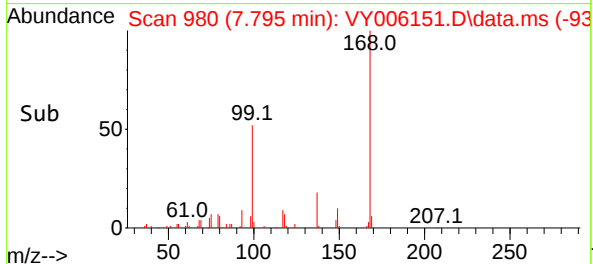
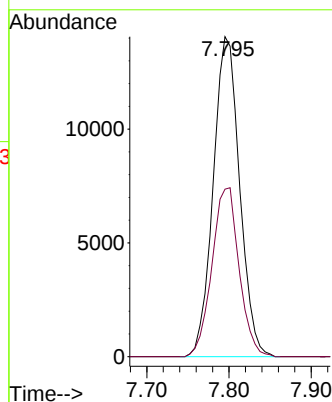
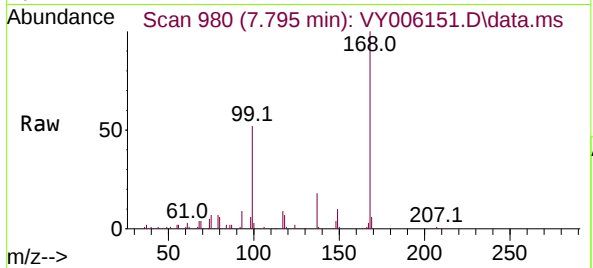




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY006151.D  
Acq: 24 Sep 2021 20:11

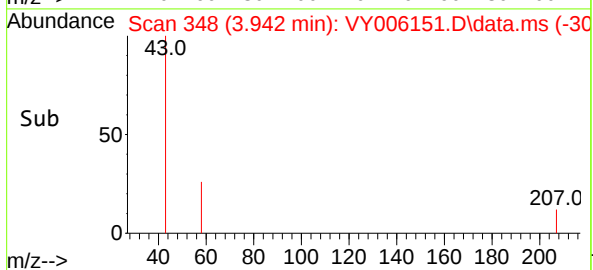
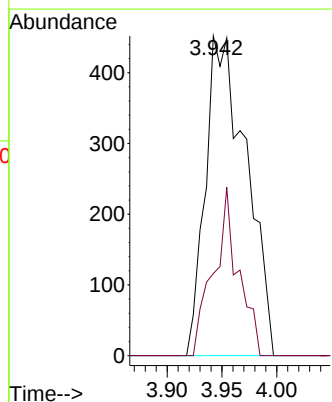
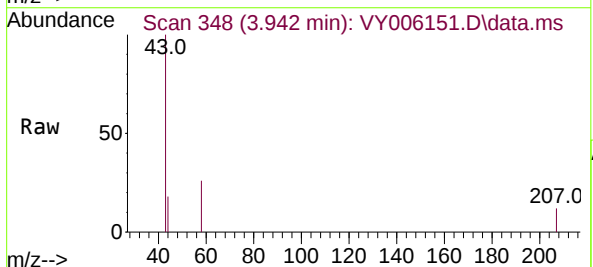
Instrument :  
MSVOA\_Y  
ClientSampled :  
TP-7

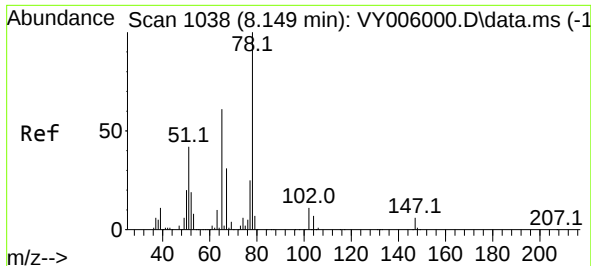
Tgt Ion:168 Resp: 31401  
Ion Ratio Lower Upper  
168 100  
99 52.3 46.9 70.3



#16  
Acetone  
Concen: 9.755 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.012 min  
Lab File: VY006151.D  
Acq: 24 Sep 2021 20:11

Tgt Ion: 43 Resp: 1167  
Ion Ratio Lower Upper  
43 100  
58 25.7 22.0 33.0

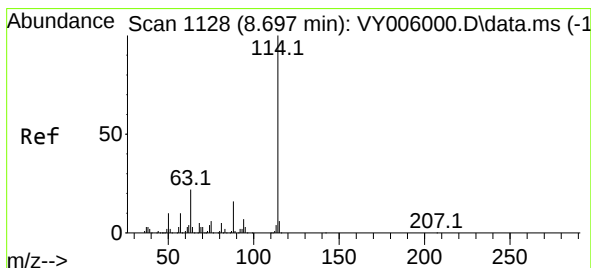
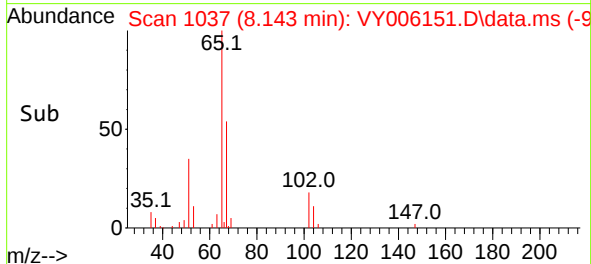
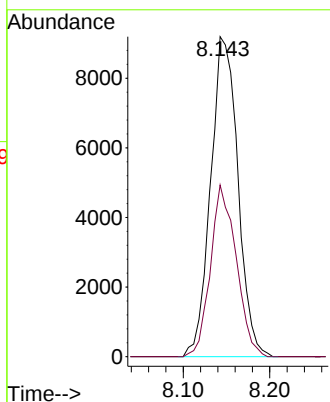
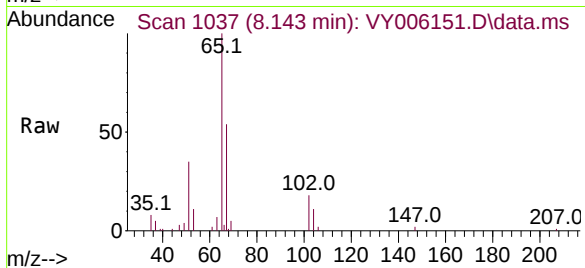




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.061 ug/l  
 RT: 8.143 min Scan# 1037  
 Delta R.T. -0.006 min  
 Lab File: VY006151.D  
 Acq: 24 Sep 2021 20:11

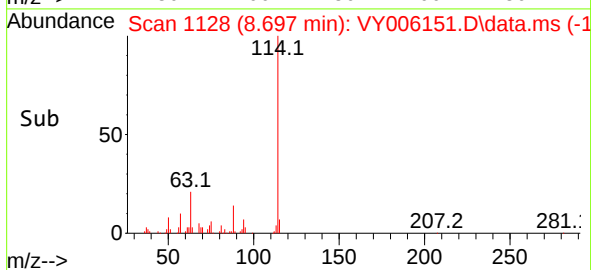
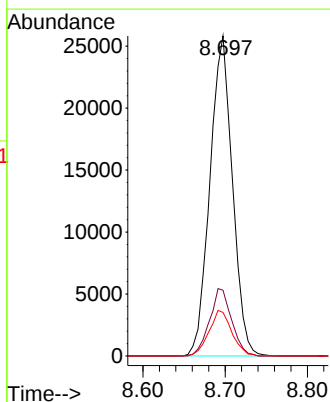
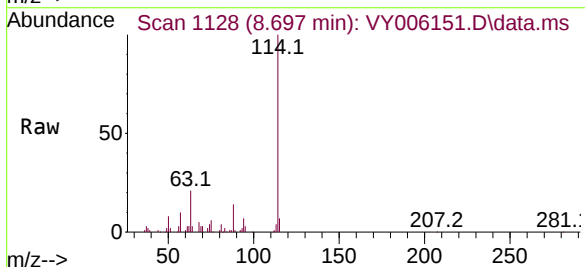
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
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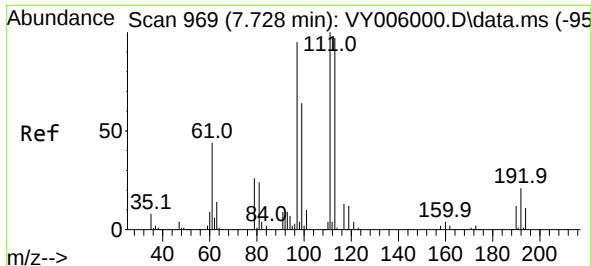
Tgt Ion: 65 Resp: 20091  
 Ion Ratio Lower Upper  
 65 100  
 67 50.7 0.0 99.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.697 min Scan# 1128  
 Delta R.T. 0.000 min  
 Lab File: VY006151.D  
 Acq: 24 Sep 2021 20:11

Tgt Ion: 114 Resp: 49140  
 Ion Ratio Lower Upper  
 114 100  
 63 20.6 0.0 43.2  
 88 13.6 0.0 31.8

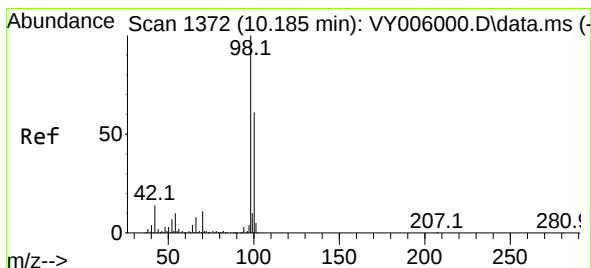
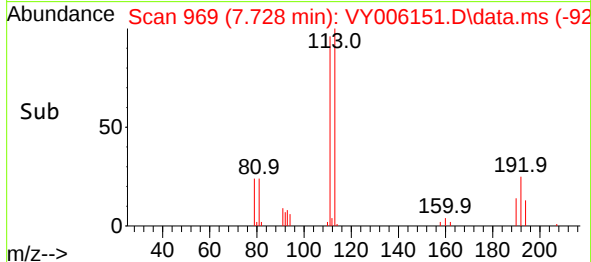
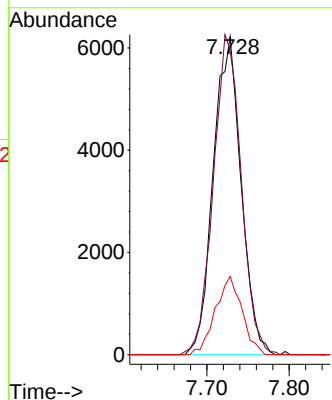
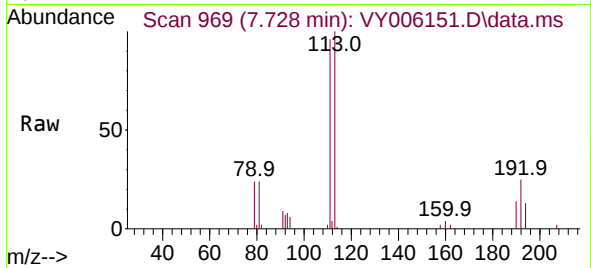




#35  
Dibromofluoromethane  
Concen: 47.920 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY006151.D  
Acq: 24 Sep 2021 20:11

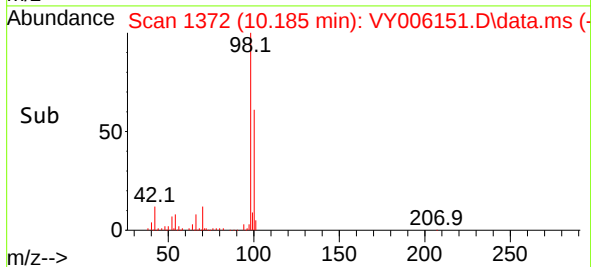
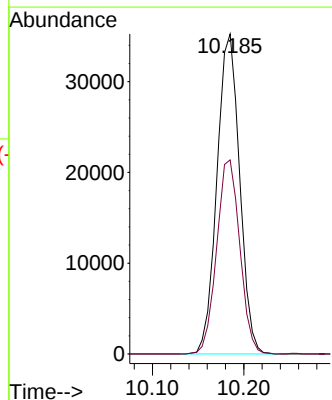
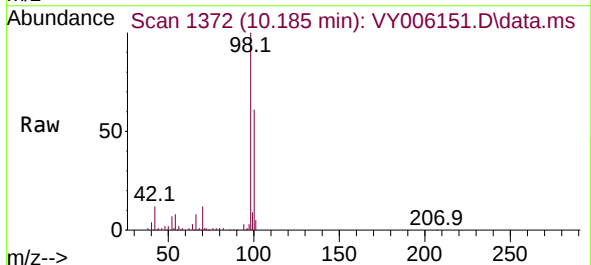
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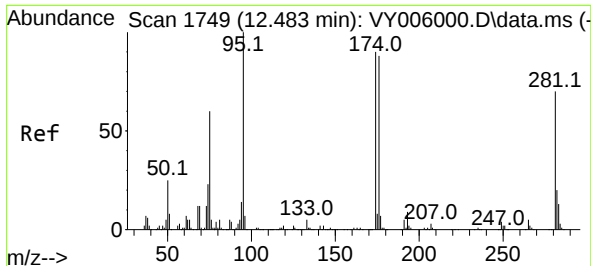
Tgt Ion:113 Resp: 14626  
Ion Ratio Lower Upper  
113 100  
111 100.4 82.6 124.0  
192 23.6 17.6 26.4



#50  
Toluene-d8  
Concen: 46.686 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY006151.D  
Acq: 24 Sep 2021 20:11

Tgt Ion: 98 Resp: 60732  
Ion Ratio Lower Upper  
98 100  
100 62.0 50.2 75.2

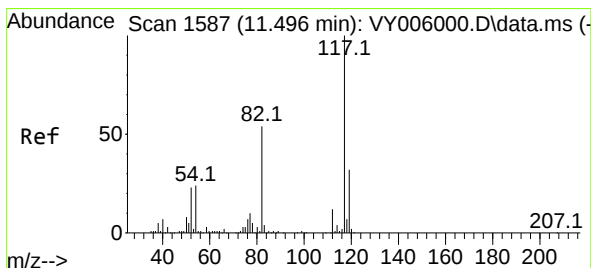
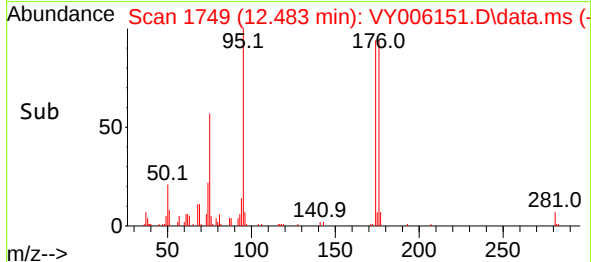
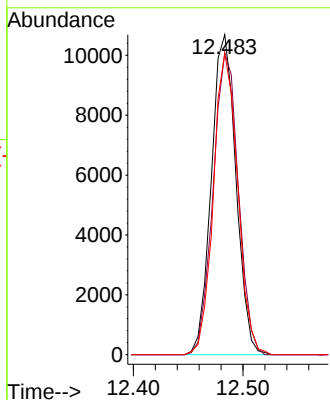
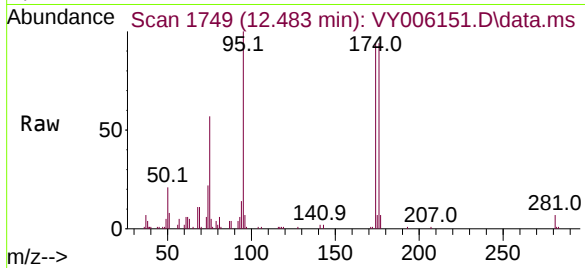




#62  
4-Bromofluorobenzene  
Concen: 37.733 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY006151.D  
Acq: 24 Sep 2021 20:11

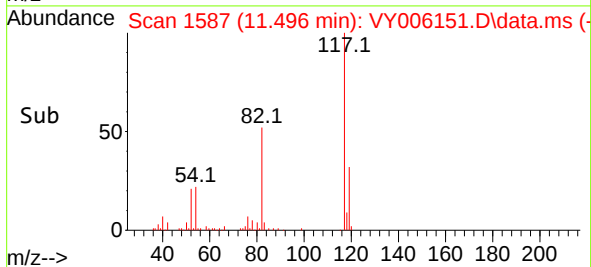
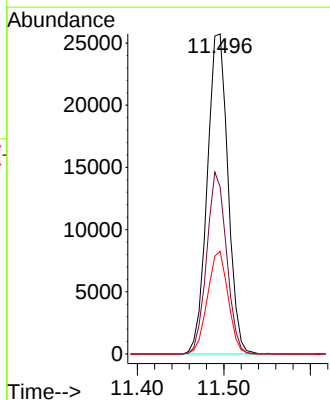
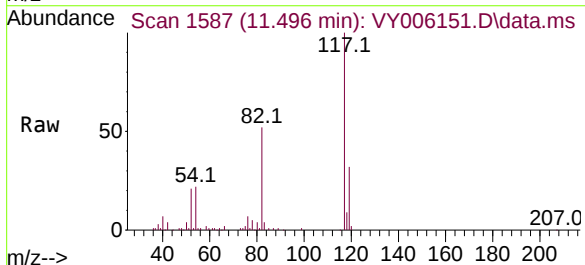
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ClientSampled :  
TP-7

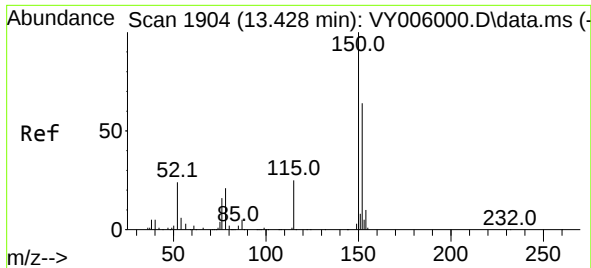
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 16665 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 96.6  | 0.0   | 177.0 |
| 176      | 92.8  | 0.0   | 175.8 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY006151.D  
Acq: 24 Sep 2021 20:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 42735 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 52.2  | 43.0  | 64.4  |
| 119      | 32.1  | 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: VY006151.D  
 Acq: 24 Sep 2021 20:11

Instrument :  
 MSVOA\_Y  
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Tgt Ion:152 Resp: 18822  
 Ion Ratio Lower Upper  
 152 100  
 115 53.6 28.2 84.7  
 150 154.1 0.0 347.6

