

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081622\  
 Data File : VY010049.D  
 Acq On : 16 Aug 2022 17:32  
 Operator : KP/MD  
 Sample : N4197-03RE  
 Misc : 6.11g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TT-203-IDWSO-20220811-2RE

Quant Time: Aug 16 17:56:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081522S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 16 07:01:08 2022  
 Response via : Initial Calibration

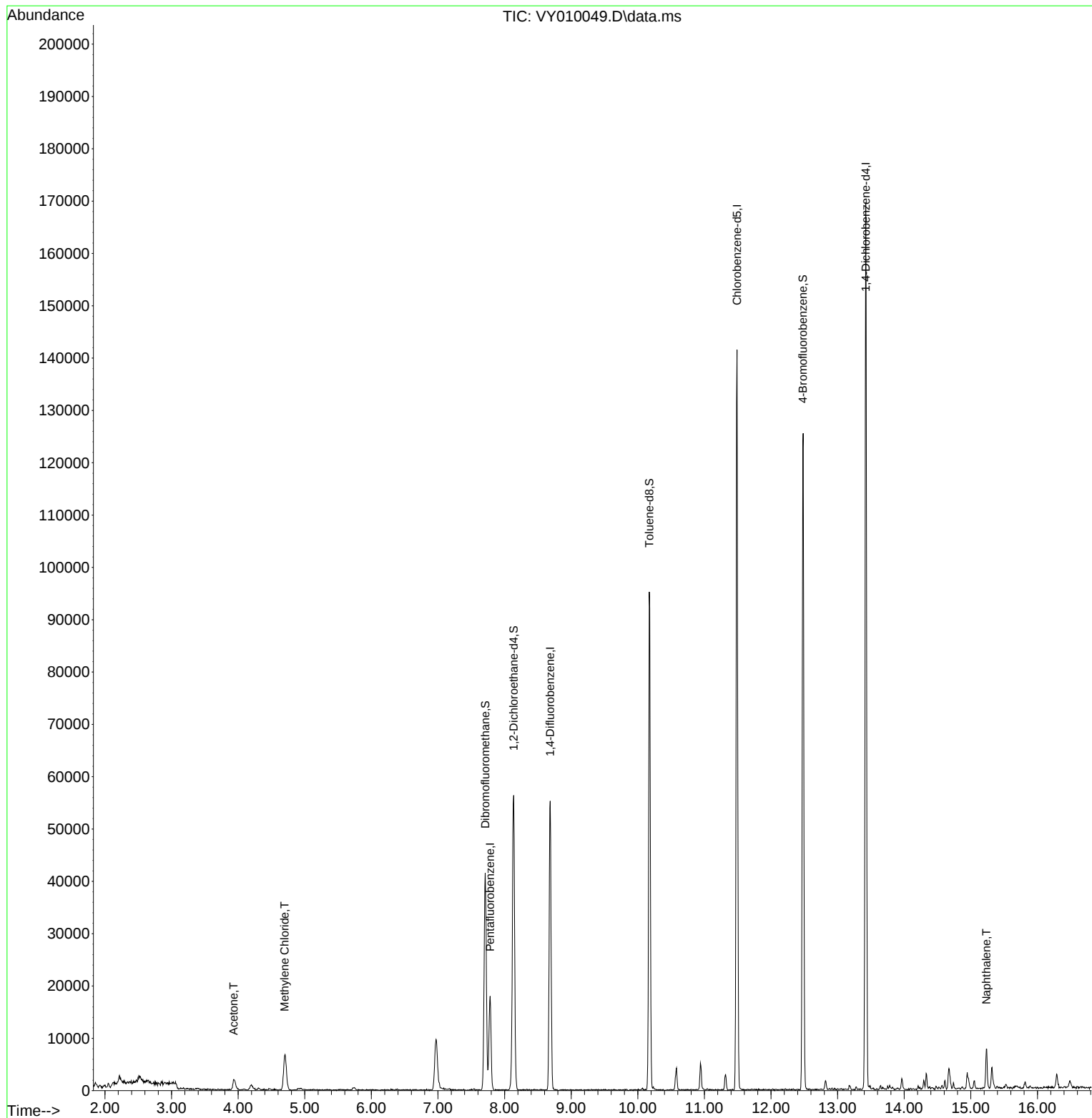
| Compound                    | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                       |           |       |          |          |             |          |
| Internal Standards          |           |       |          |          |             |          |
| 1) Pentafluorobenzene       | 7.783     | 168   | 14395    | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685     | 114   | 48646    | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5        | 11.490    | 117   | 77477    | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422    | 152   | 45653    | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds |           |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4   | 8.136     | 65    | 44969    | 312.435  | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | = 624.880%# |          |
| 35) Dibromofluoromethane    | 7.710     | 113   | 28389    | 89.990   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | = 179.980%# |          |
| 50) Toluene-d8              | 10.173    | 98    | 62300    | 53.378   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 49 - 140 | Recovery | = 106.760%  |          |
| 62) 4-Bromofluorobenzene    | 12.477    | 95    | 34898    | 85.128   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 25 - 144 | Recovery | = 170.260%# |          |
| Target Compounds            |           |       |          |          |             | Qvalue   |
| 16) Acetone                 | 3.930     | 43    | 4013     | 130.172  | ug/l        | 95       |
| 20) Methylene Chloride      | 4.698     | 84    | 5151     | 35.116   | ug/l        | 98       |
| 95) Naphthalene             | 15.233    | 128   | 6505     | 7.882    | ug/l        | 98       |
| -----                       |           |       |          |          |             |          |

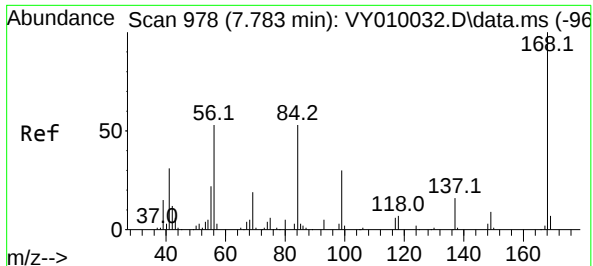
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081622\  
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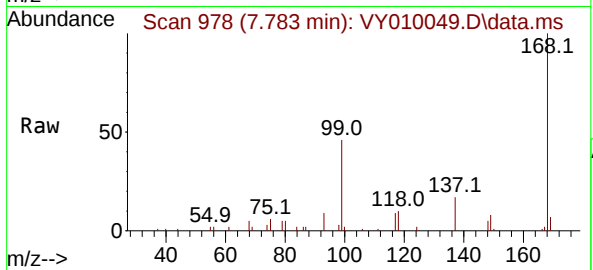
Quant Time: Aug 16 17:56:57 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081522S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 16 07:01:08 2022  
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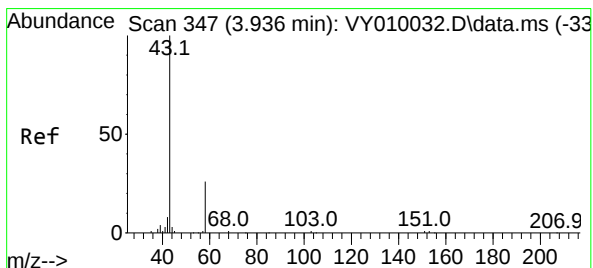
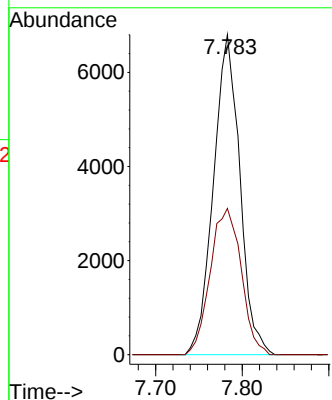
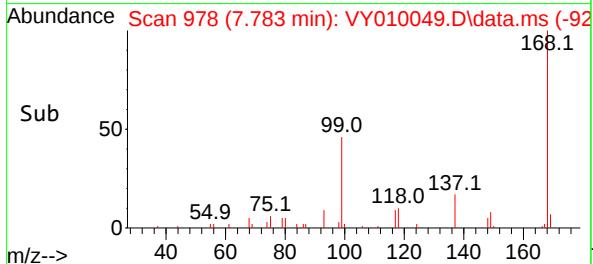


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010049.D  
Acq: 16 Aug 2022 17:32

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TT-203-IDWSO-20220811-2RE

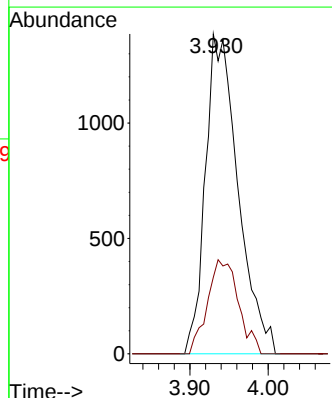
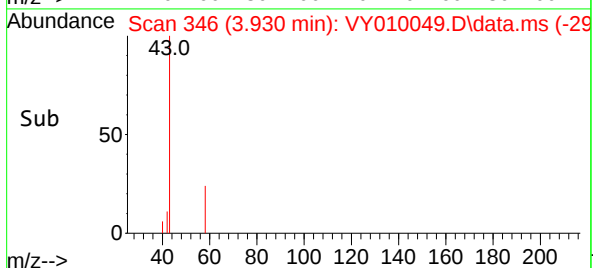
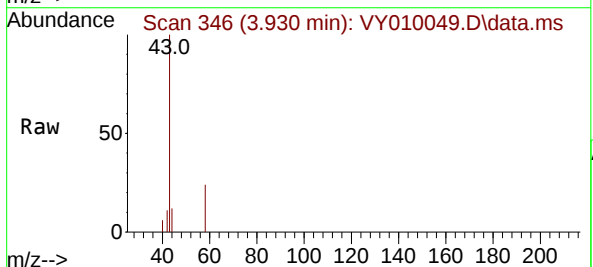


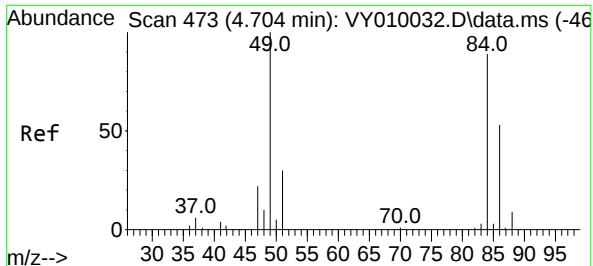
Tgt Ion:168 Resp: 14395  
Ion Ratio Lower Upper  
168 100  
99 45.7 37.7 56.5



#16  
Acetone  
Concen: 130.172 ug/l  
RT: 3.930 min Scan# 346  
Delta R.T. -0.006 min  
Lab File: VY010049.D  
Acq: 16 Aug 2022 17:32

Tgt Ion: 43 Resp: 4013  
Ion Ratio Lower Upper  
43 100  
58 24.0 21.4 32.0

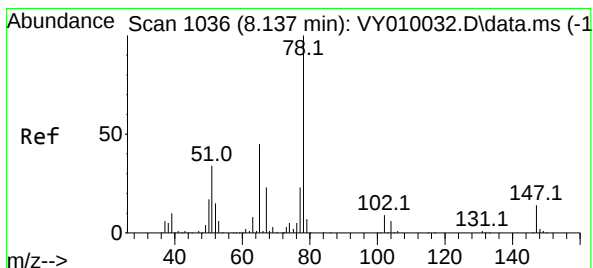
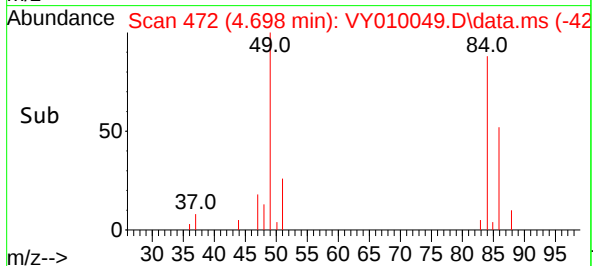
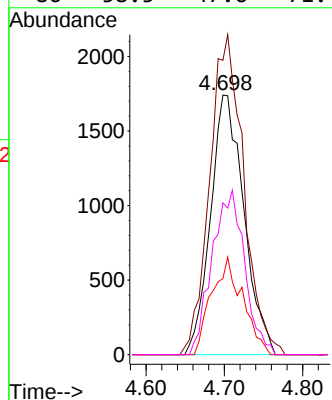
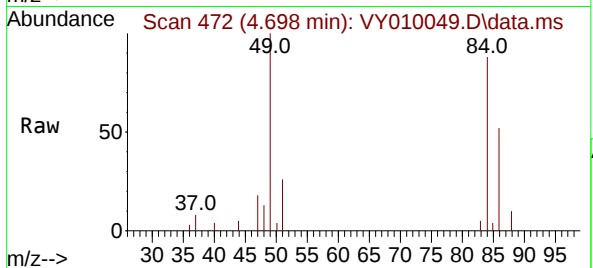




#20  
Methylene Chloride  
Concen: 35.116 ug/l  
RT: 4.698 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VY010049.D  
Acq: 16 Aug 2022 17:32

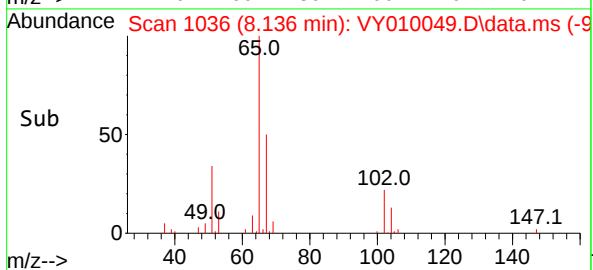
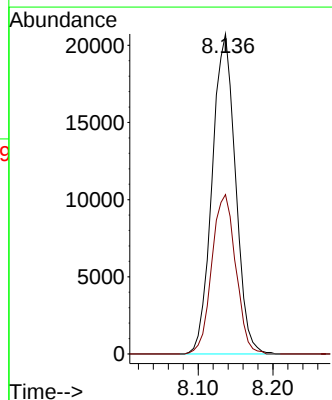
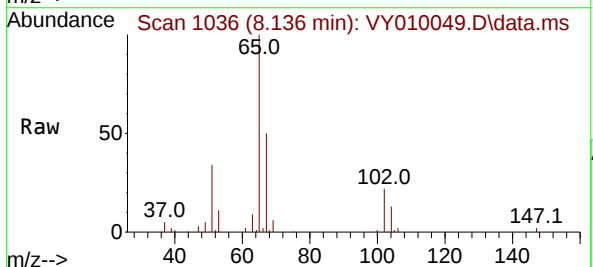
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TT-203-IDWSO-20220811-2RE

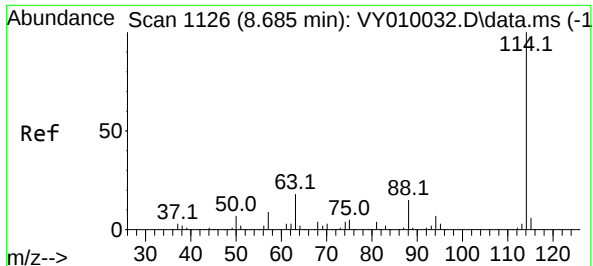
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 5151  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 113.3 | 89.5  | 134.3 |
| 51       | 29.3  | 26.8  | 40.2  |
| 86       | 58.5  | 47.6  | 71.4  |



#33  
1,2-Dichloroethane-d4  
Concen: 312.435 ug/l  
RT: 8.136 min Scan# 1036  
Delta R.T. -0.001 min  
Lab File: VY010049.D  
Acq: 16 Aug 2022 17:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 44969 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 51.0  | 0.0   | 104.4 |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010049.D

Acq: 16 Aug 2022 17:32

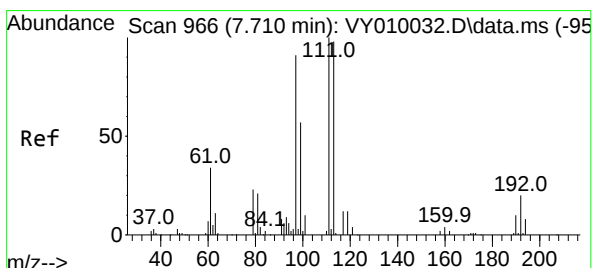
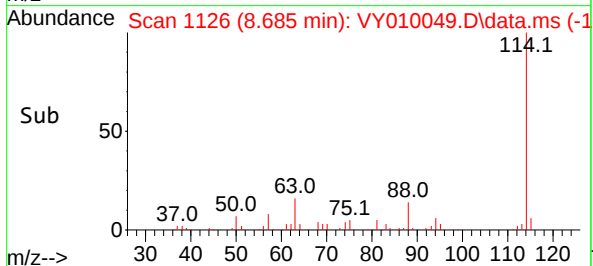
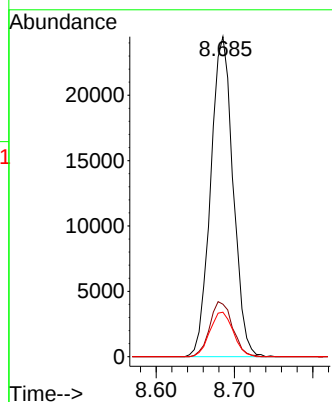
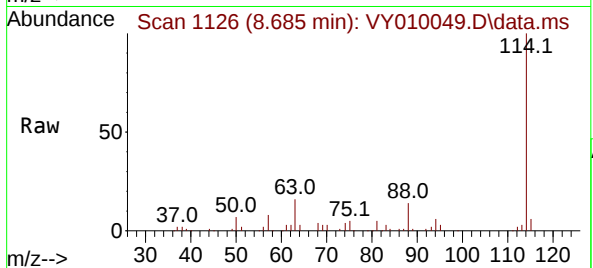
Instrument :

MSVOA\_Y

ClientSampleId :

TT-203-IDWSO-20220811-2RE

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:114 | Resp: | 48646       |
| Ion         | Ratio | Lower Upper |
| 114         | 100   |             |
| 63          | 16.4  | 0.0 35.2    |
| 88          | 13.9  | 0.0 30.2    |



#35

Dibromofluoromethane

Concen: 89.990 ug/l

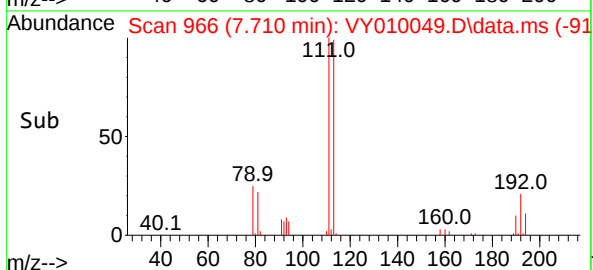
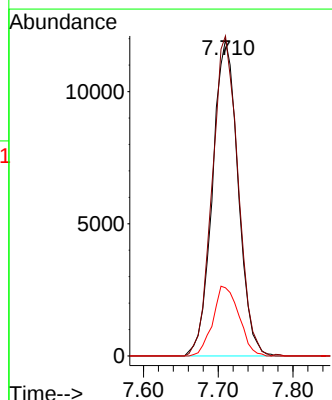
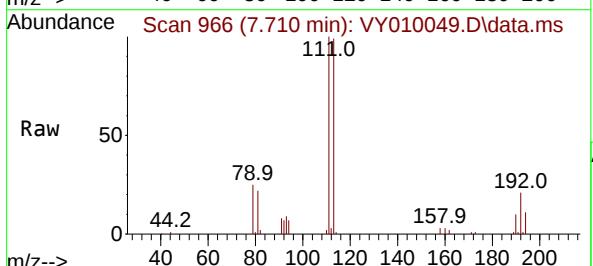
RT: 7.710 min Scan# 966

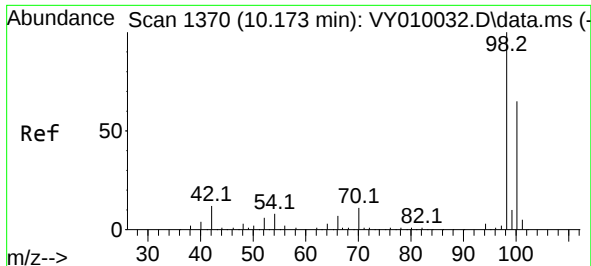
Delta R.T. -0.000 min

Lab File: VY010049.D

Acq: 16 Aug 2022 17:32

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:113 | Resp: | 28389       |
| Ion         | Ratio | Lower Upper |
| 113         | 100   |             |
| 111         | 102.0 | 82.7 124.1  |
| 192         | 22.5  | 17.2 25.8   |

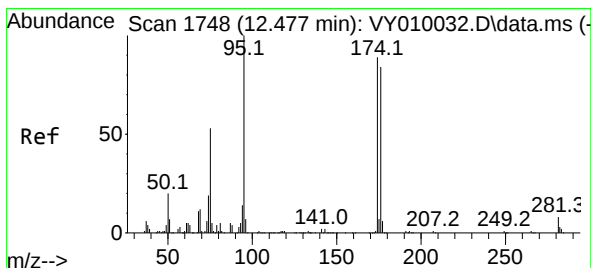
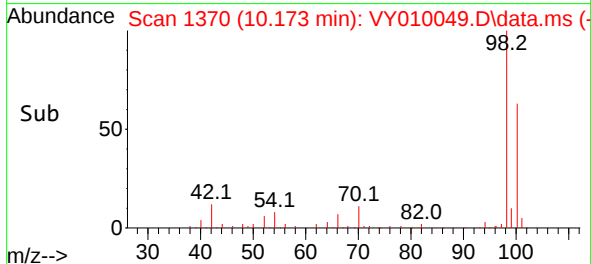
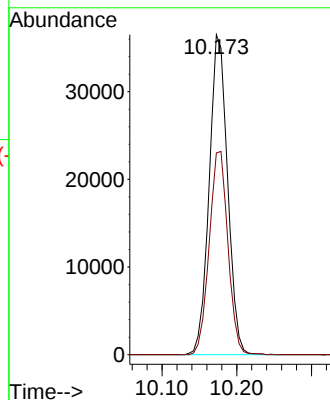
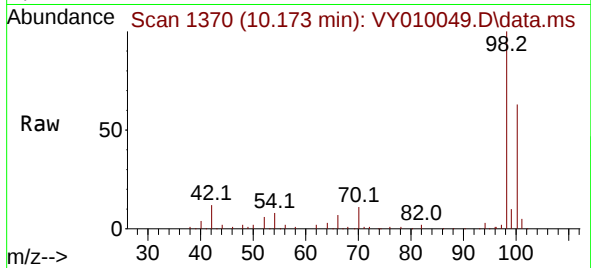




#50  
Toluene-d8  
Concen: 53.378 ug/l  
RT: 10.173 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010049.D  
Acq: 16 Aug 2022 17:32

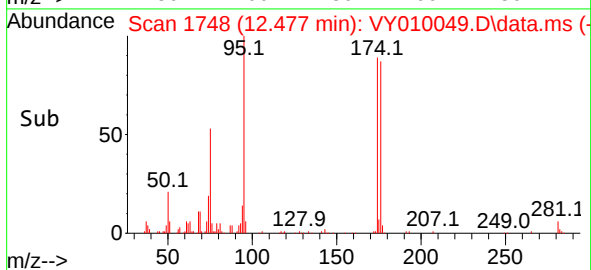
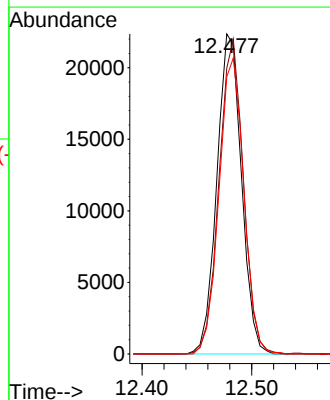
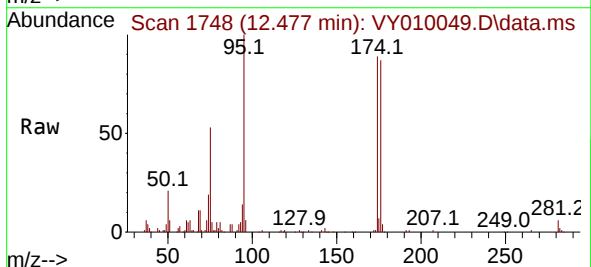
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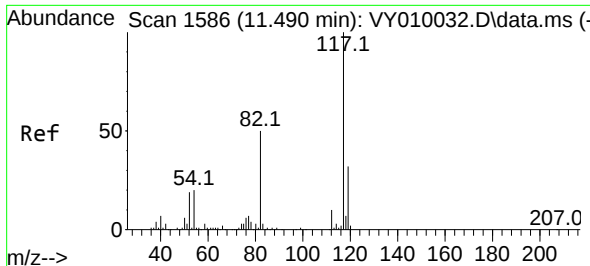
Tgt Ion: 98 Resp: 62300  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.1 78.1



#62  
4-Bromofluorobenzene  
Concen: 85.128 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY010049.D  
Acq: 16 Aug 2022 17:32

Tgt Ion: 95 Resp: 34898  
Ion Ratio Lower Upper  
95 100  
174 97.2 0.0 184.2  
176 93.1 0.0 178.4

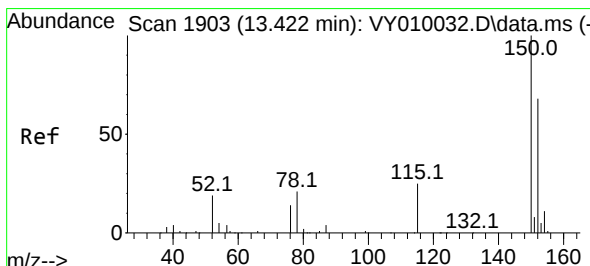
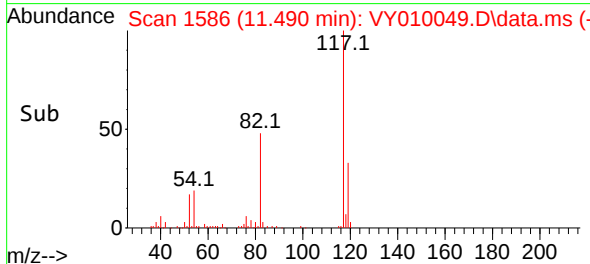
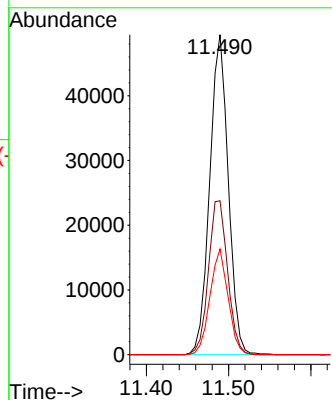
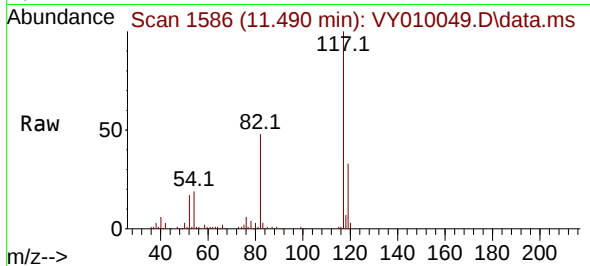




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010049.D  
Acq: 16 Aug 2022 17:32

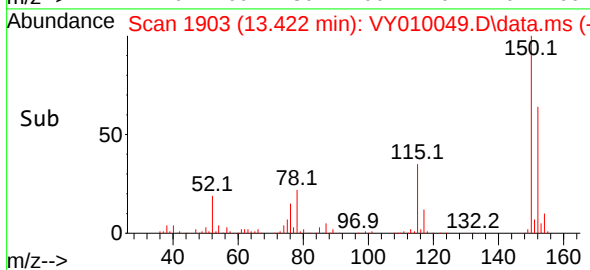
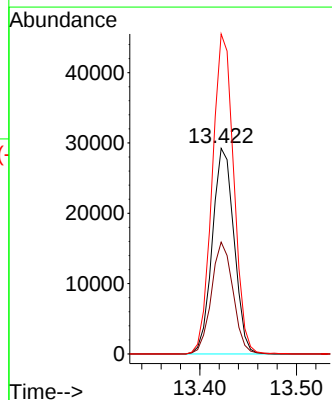
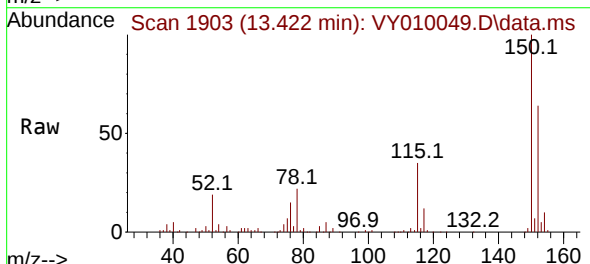
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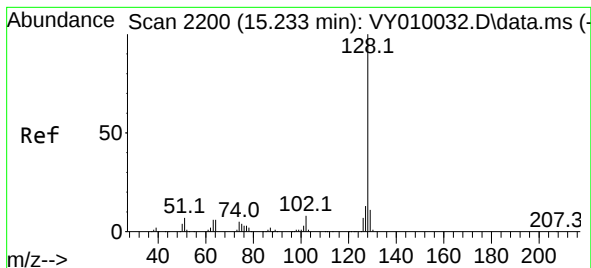
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|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 77477 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 82        | 48.1  | 39.8  | 59.6  |
| 119       | 33.1  | 25.6  | 38.4  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY010049.D  
Acq: 16 Aug 2022 17:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 45653 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 54.1  | 28.1  | 84.3  |
| 150       | 154.5 | 0.0   | 346.6 |





#95

Naphthalene

Concen: 7.882 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY010049.D

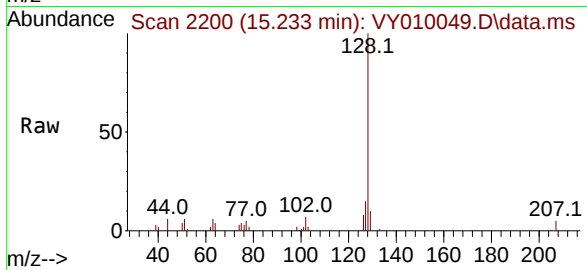
Acq: 16 Aug 2022 17:32

Instrument :

MSVOA\_Y

ClientSampleId :

TT-203-IDWSO-20220811-2RE



Tgt Ion:128 Resp: 6505

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 11.4 8.6 13.0

