

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041222\  
 Data File : VY008296.D  
 Acq On : 12 Apr 2022 18:30  
 Operator : KP/MD  
 Sample : N2330-01RE  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RBR-253RE

Quant Time: Apr 13 08:17:00 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

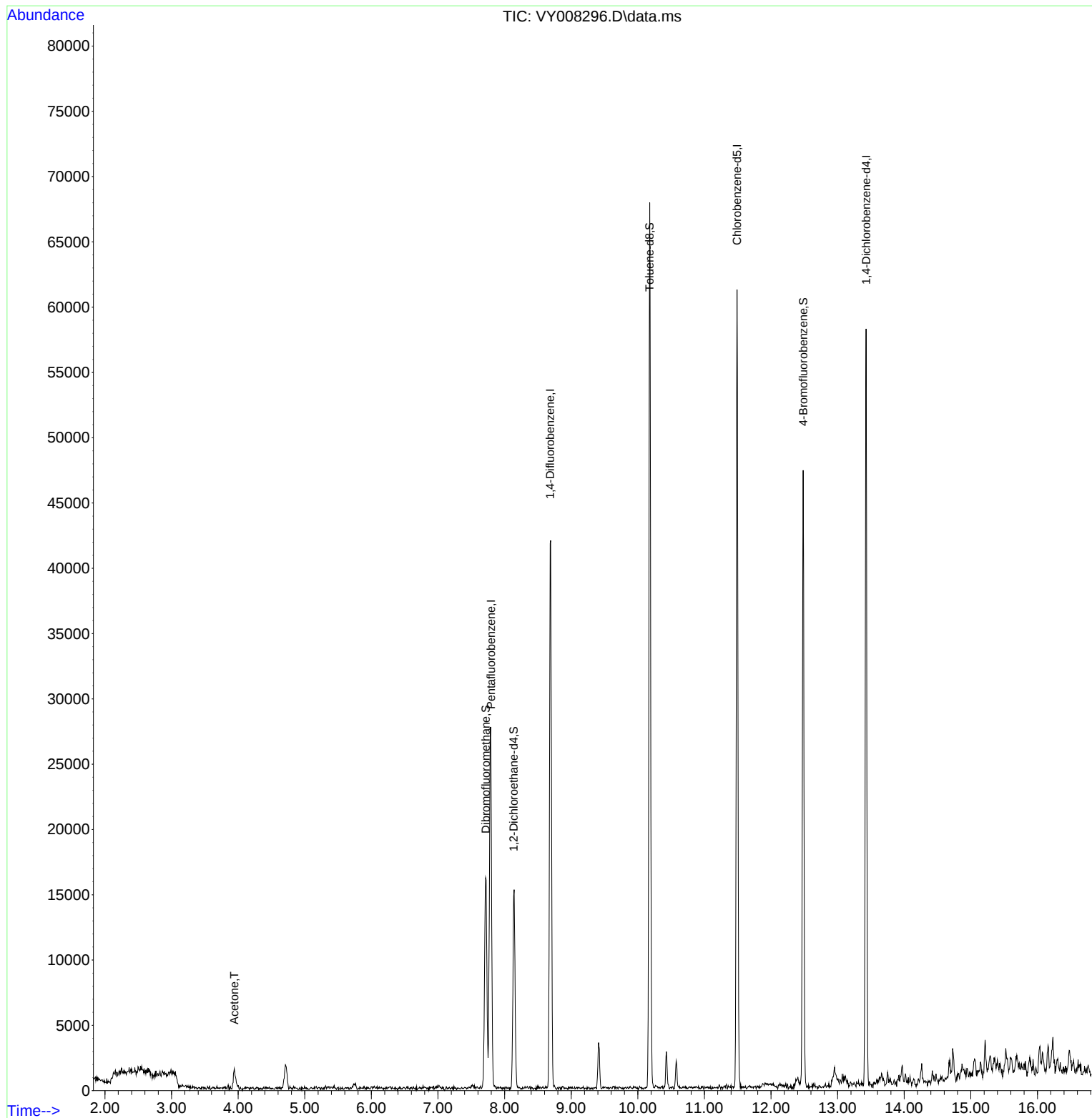
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|------------|-------------|
| -----                       |        |       |          |          |            |             |
| Internal Standards          |        |       |          |          |            |             |
| 1) Pentafluorobenzene       | 7.795  | 168   | 22225    | 50.000   | ug/l       | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 39085    | 50.000   | ug/l       | 0.00        |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 34666    | 50.000   | ug/l       | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 14331    | 50.000   | ug/l       | 0.00        |
| System Monitoring Compounds |        |       |          |          |            |             |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 11773    | 56.394   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 112.780% |             |
| 35) Dibromofluoromethane    | 7.716  | 113   | 11863    | 52.550   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 105.100% |             |
| 50) Toluene-d8              | 10.179 | 98    | 46011    | 59.564   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 119.120% |             |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 14156    | 48.723   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 97.440%  |             |
| Target Compounds            |        |       |          |          |            |             |
| 16) Acetone                 | 3.942  | 43    | 2560     | 50.983   | ug/l       | Qvalue # 80 |
| -----                       |        |       |          |          |            |             |

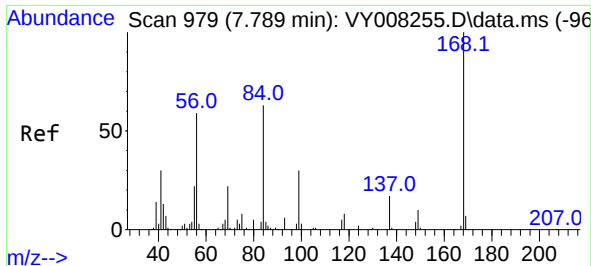
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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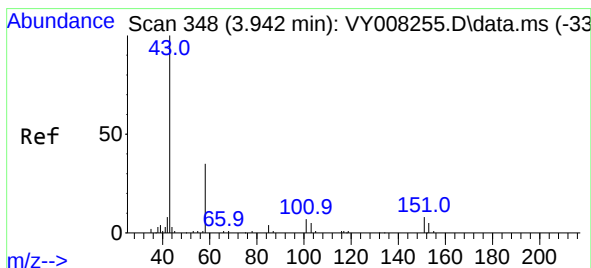
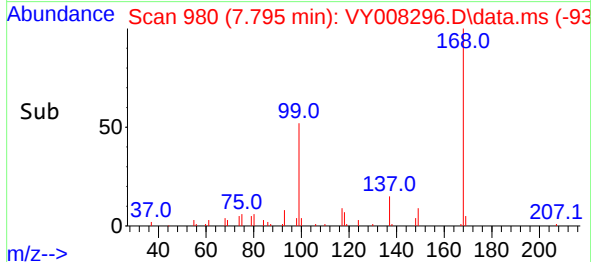
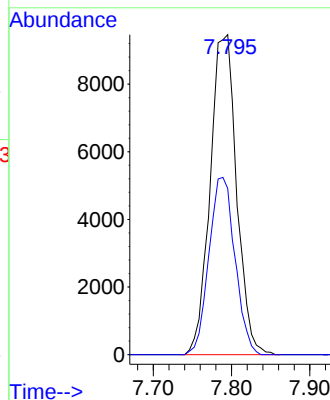
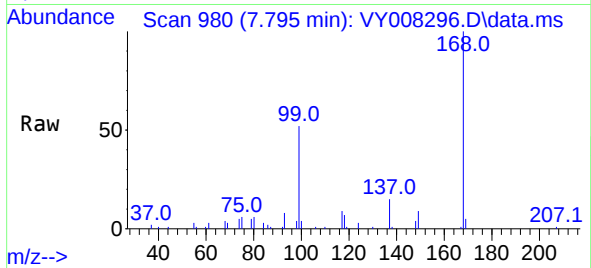




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY008296.D  
Acq: 12 Apr 2022 18:30

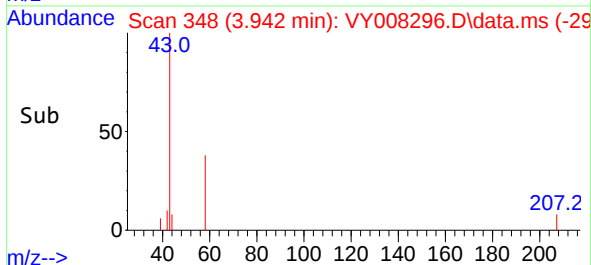
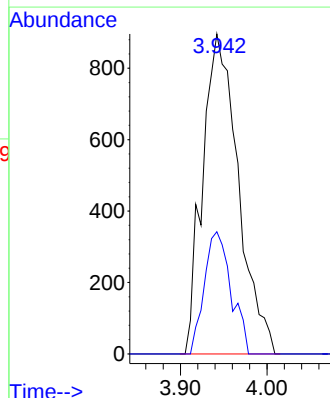
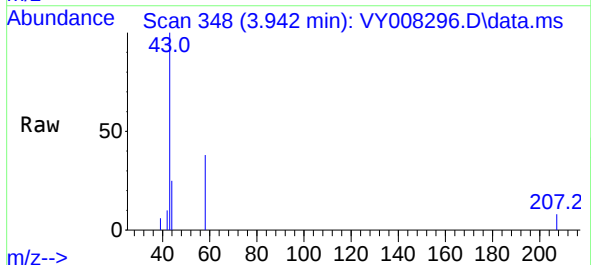
Instrument :  
MSVOA\_Y  
ClientSampleId :  
RBR-253RE

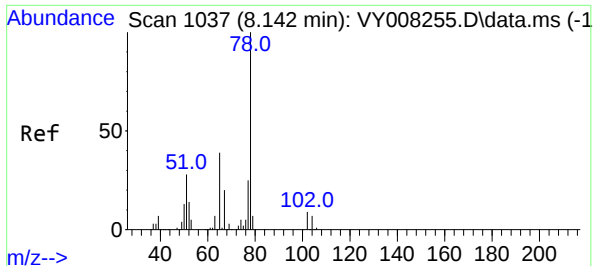
Tgt Ion:168 Resp: 22225  
Ion Ratio Lower Upper  
168 100  
99 52.0 46.9 70.3



#16  
Acetone  
Concen: 50.983 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY008296.D  
Acq: 12 Apr 2022 18:30

Tgt Ion: 43 Resp: 2560  
Ion Ratio Lower Upper  
43 100  
58 38.2 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 56.394 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY008296.D

Acq: 12 Apr 2022 18:30

Instrument :

MSVOA\_Y

ClientSampleId :

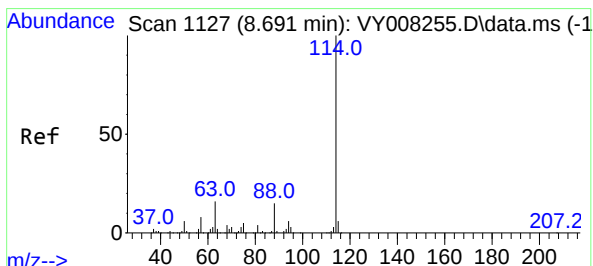
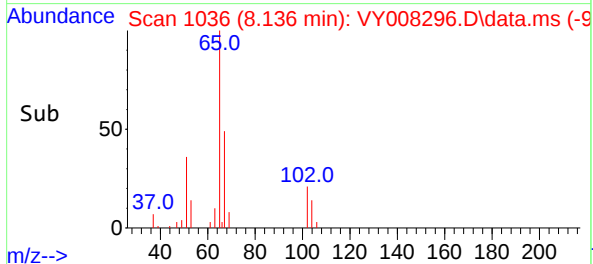
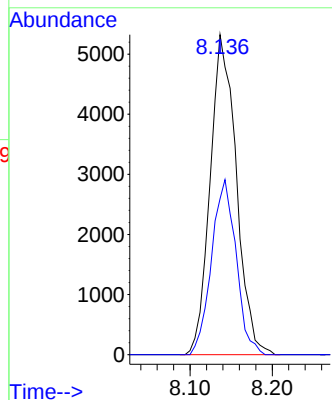
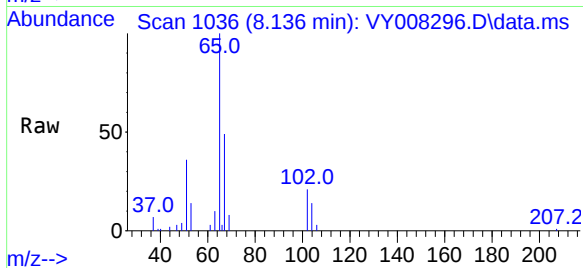
RBR-253RE

Tgt Ion: 65 Resp: 11773

Ion Ratio Lower Upper

65 100

67 51.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008296.D

Acq: 12 Apr 2022 18:30

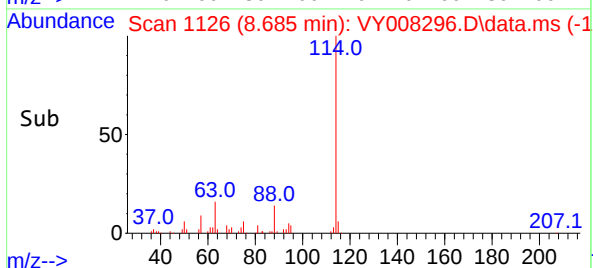
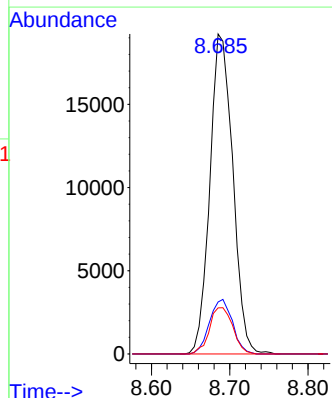
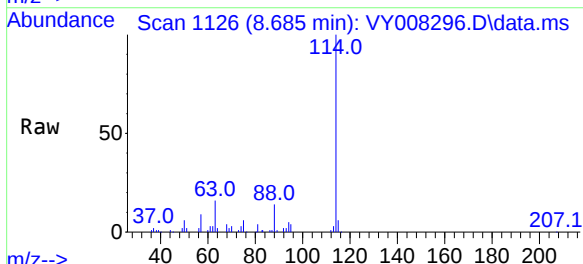
Tgt Ion: 114 Resp: 39085

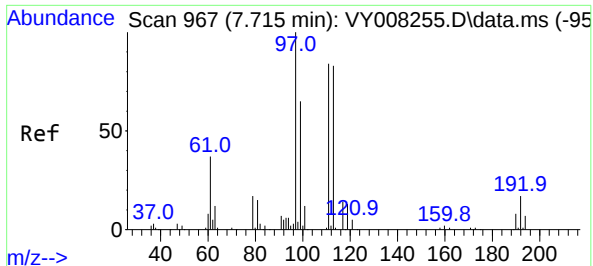
Ion Ratio Lower Upper

114 100

63 16.3 0.0 43.2

88 14.4 0.0 31.8

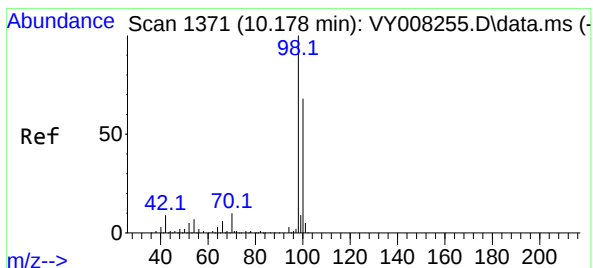
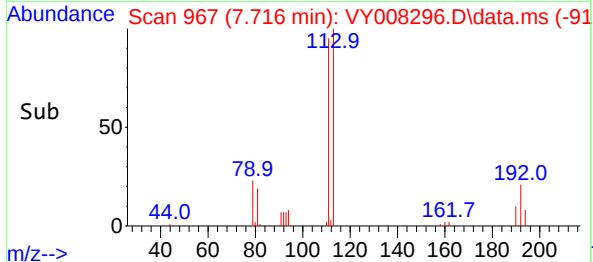
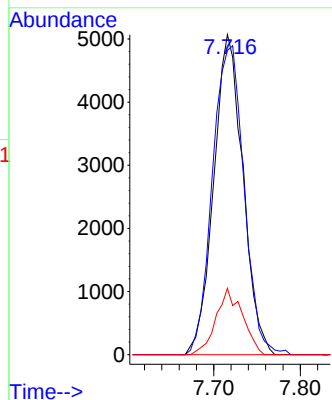
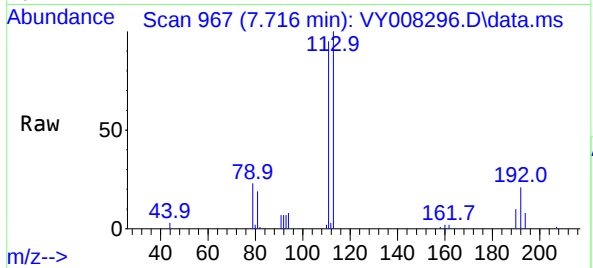




#35  
Dibromofluoromethane  
Concen: 52.550 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. 0.001 min  
Lab File: VY008296.D  
Acq: 12 Apr 2022 18:30

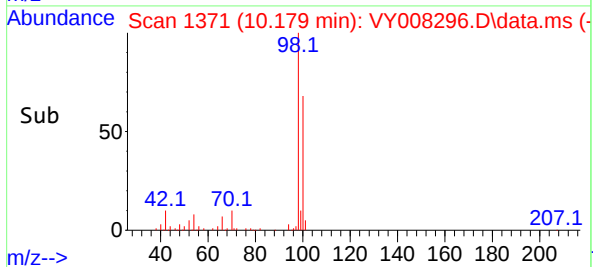
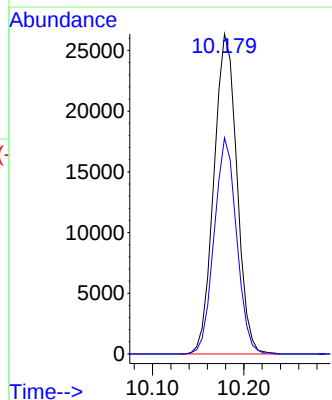
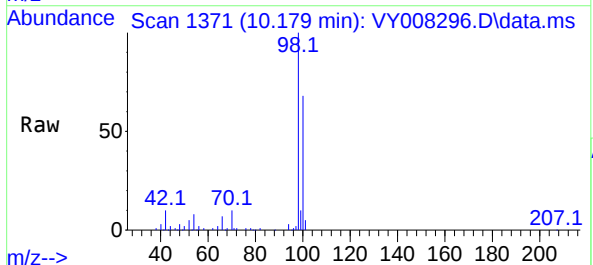
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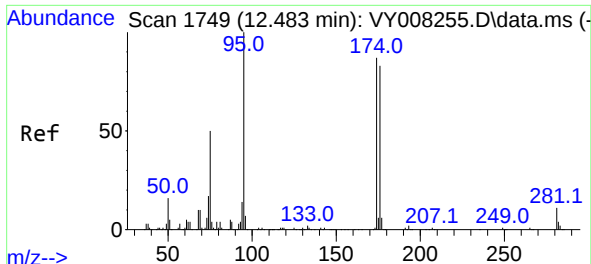
Tgt Ion:113 Resp: 11863  
Ion Ratio Lower Upper  
113 100  
111 104.2 82.6 124.0  
192 18.8 17.6 26.4



#50  
Toluene-d8  
Concen: 59.564 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.001 min  
Lab File: VY008296.D  
Acq: 12 Apr 2022 18:30

Tgt Ion: 98 Resp: 46011  
Ion Ratio Lower Upper  
98 100  
100 66.1 50.2 75.2

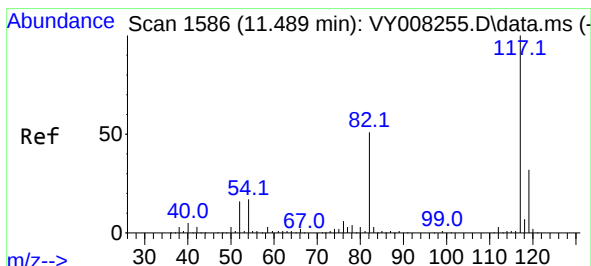
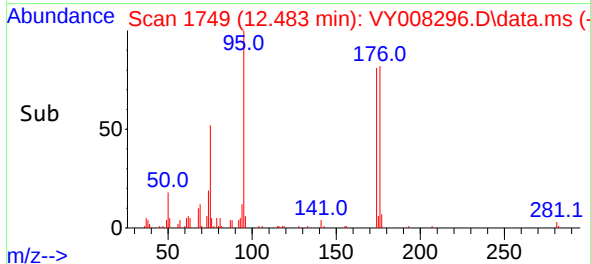
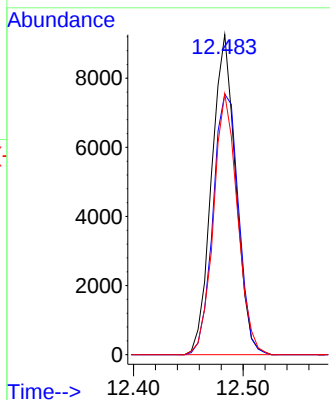
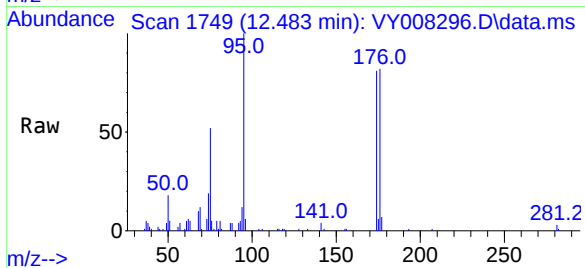




#62  
4-Bromofluorobenzene  
Concen: 48.723 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY008296.D  
Acq: 12 Apr 2022 18:30

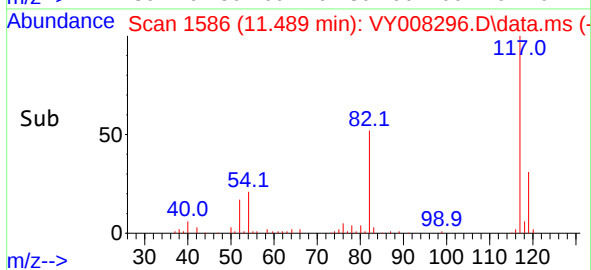
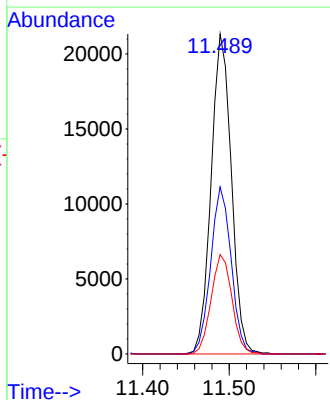
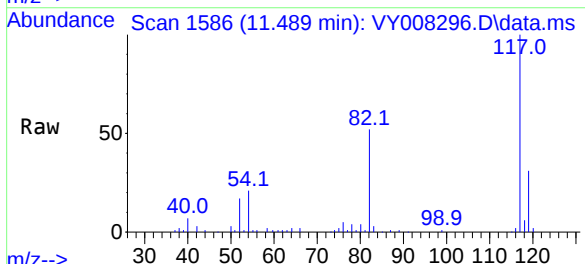
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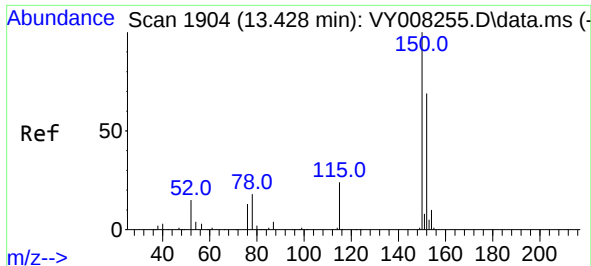
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 14156 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 86.3  | 0.0   | 177.0 |
| 176      | 81.2  | 0.0   | 175.8 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VY008296.D  
Acq: 12 Apr 2022 18:30

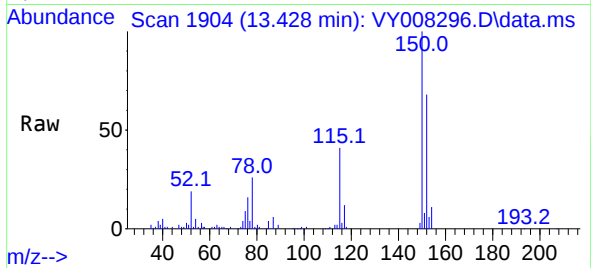
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 34666 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 52.2  | 43.0  | 64.4  |
| 119      | 31.0  | 25.4  | 38.0  |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. 0.000 min  
 Lab File: VY008296.D  
 Acq: 12 Apr 2022 18:30

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 RBR-253RE



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 14331 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 60.3  | 28.2  | 84.7  |
| 150      | 159.9 | 0.0   | 347.6 |

