

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY031122\  
 Data File : VY007859.D  
 Acq On : 11 Mar 2022 17:00  
 Operator : SY/MD  
 Sample : N1864-04  
 Misc : 6.09g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MB-B2-030922-2-3

Quant Time: Mar 11 23:23:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022822S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 01 09:08:03 2022  
 Response via : Initial Calibration

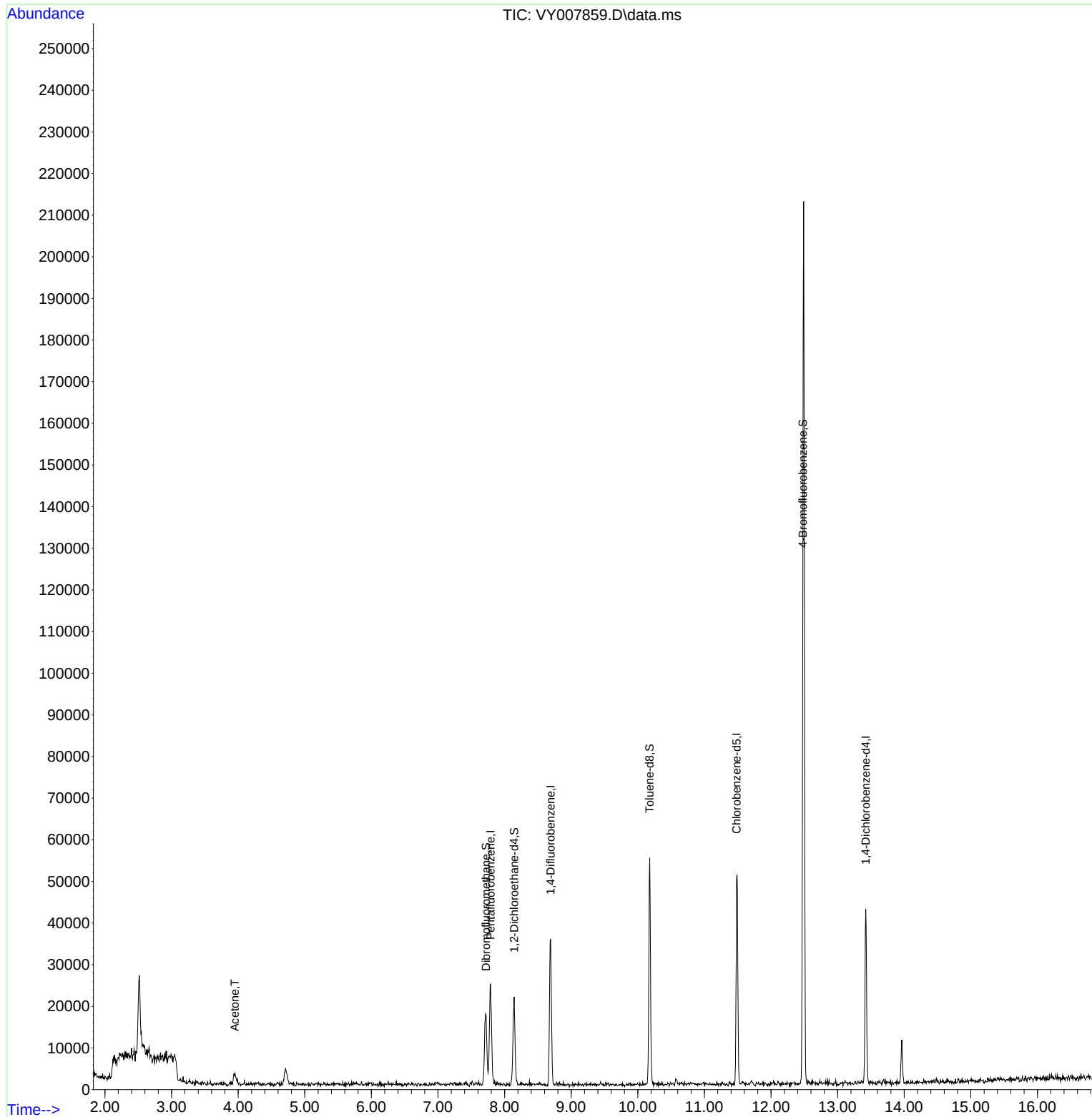
| Compound                    | R.T.   | QIon           | Response | Conc    | Units    | Dev(Min)  |
|-----------------------------|--------|----------------|----------|---------|----------|-----------|
| -----                       |        |                |          |         |          |           |
| Internal Standards          |        |                |          |         |          |           |
| 1) Pentafluorobenzene       | 7.789  | 168            | 17911    | 50.000  | ug/l     | # 0.00    |
| 34) 1,4-Difluorobenzene     | 8.691  | 114            | 29534    | 50.000  | ug/l     | 0.00      |
| 63) Chlorobenzene-d5        | 11.483 | 117            | 28035    | 50.000  | ug/l     | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152            | 10154    | 50.000  | ug/l     | 0.00      |
| System Monitoring Compounds |        |                |          |         |          |           |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65             | 15169    | 80.896  | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 50 - 163 | Recovery | =       | 161.800% |           |
| 35) Dibromofluoromethane    | 7.722  | 113            | 11786    | 62.419  | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 54 - 147 | Recovery | =       | 124.840% |           |
| 50) Toluene-d8              | 10.179 | 98             | 34371    | 49.451  | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 49 - 140 | Recovery | =       | 98.900%  |           |
| 62) 4-Bromofluorobenzene    | 12.477 | 95             | 9500     | 42.402  | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 25 - 144 | Recovery | =       | 84.800%  |           |
| Target Compounds            |        |                |          |         |          |           |
| 16) Acetone                 | 3.948  | 43             | 4250     | 111.417 | ug/l     | Qvalue 94 |
| -----                       |        |                |          |         |          |           |

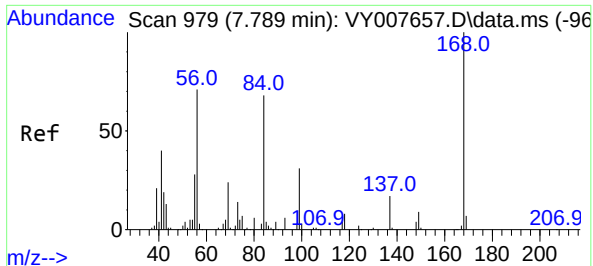
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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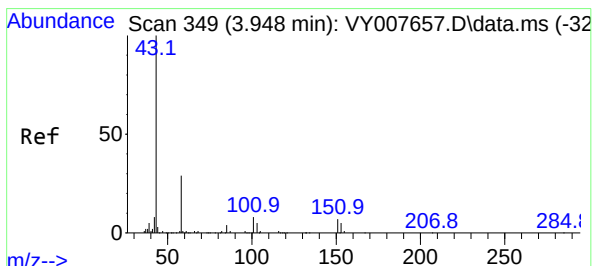
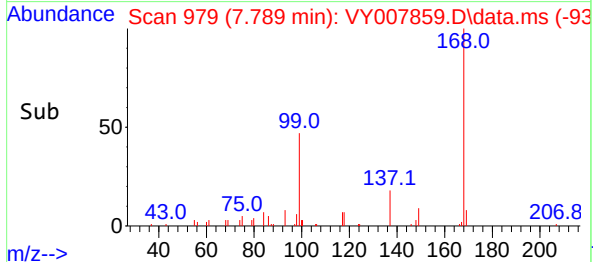
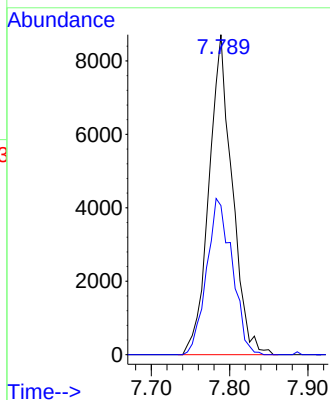
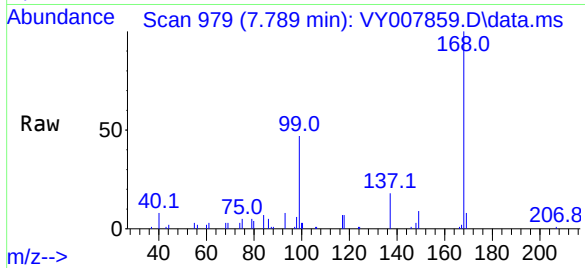




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007859.D  
Acq: 11 Mar 2022 17:00

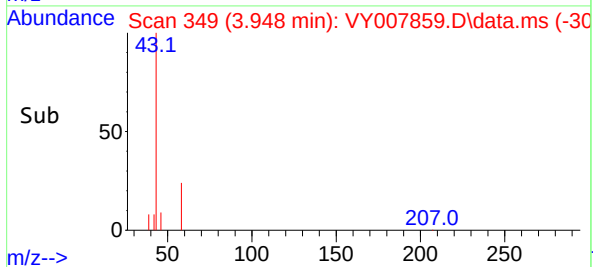
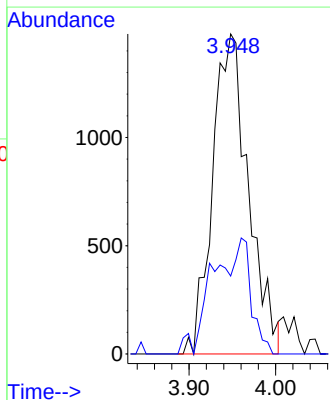
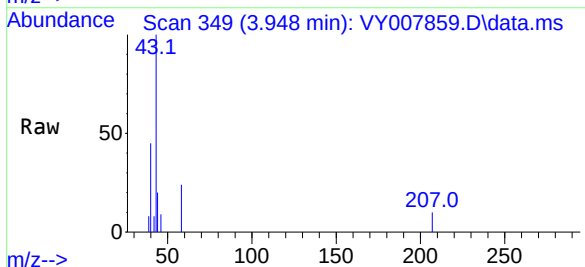
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MB-B2-030922-2-3

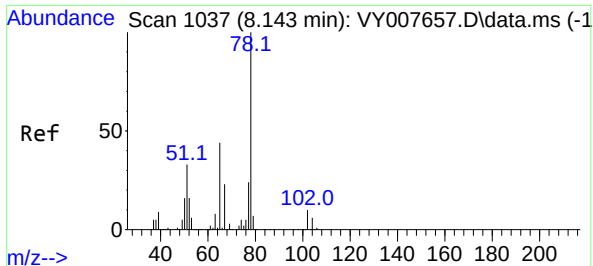
Tgt Ion:168 Resp: 17911  
Ion Ratio Lower Upper  
168 100  
99 46.6 46.9 70.3#



#16  
Acetone  
Concen: 111.417 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VY007859.D  
Acq: 11 Mar 2022 17:00

Tgt Ion: 43 Resp: 4250  
Ion Ratio Lower Upper  
43 100  
58 24.4 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 80.896 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007859.D

Acq: 11 Mar 2022 17:00

Instrument :

MSVOA\_Y

ClientSampleId :

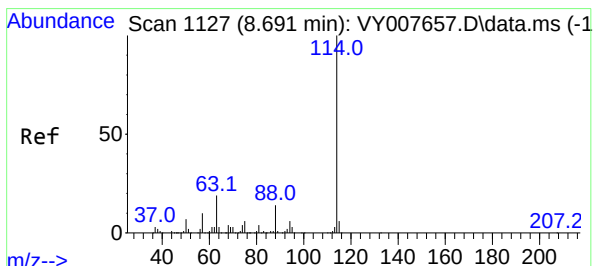
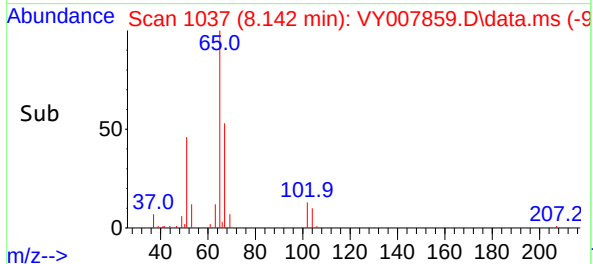
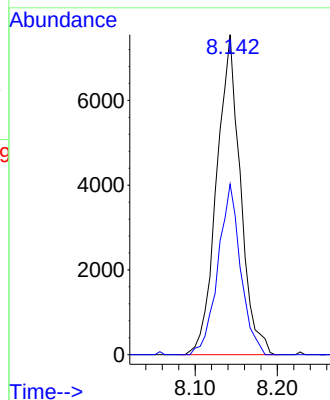
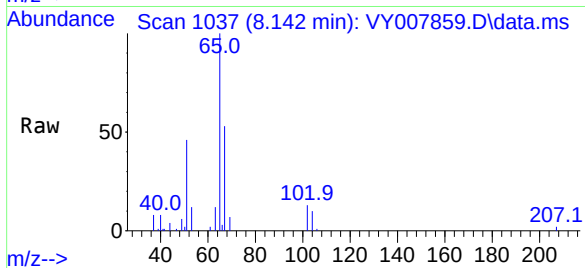
MB-B2-030922-2-3

Tgt Ion: 65 Resp: 15169

Ion Ratio Lower Upper

65 100

67 50.8 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: VY007859.D

Acq: 11 Mar 2022 17:00

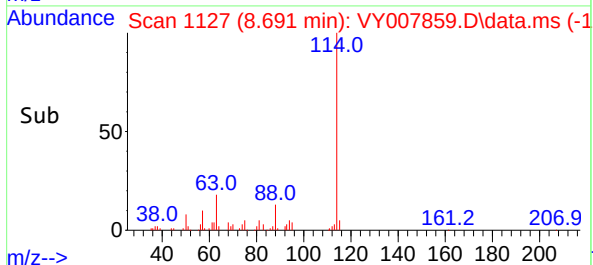
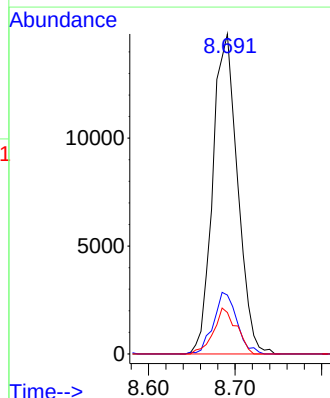
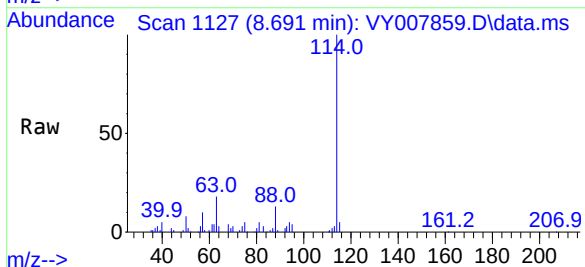
Tgt Ion: 114 Resp: 29534

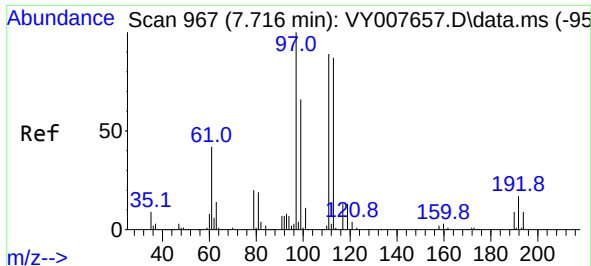
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.0 0.0 31.8

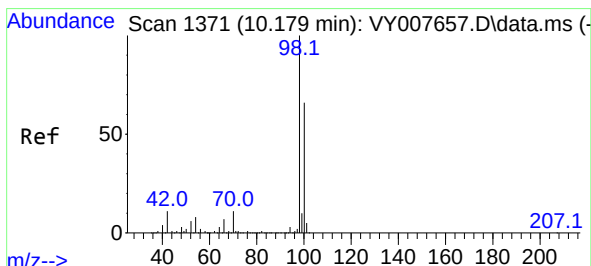
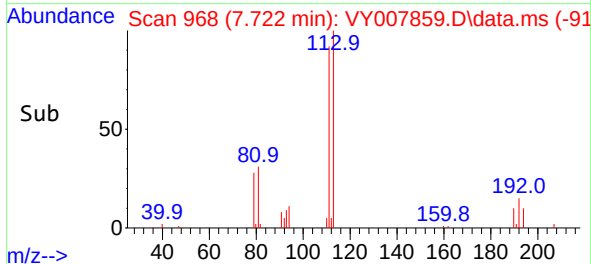
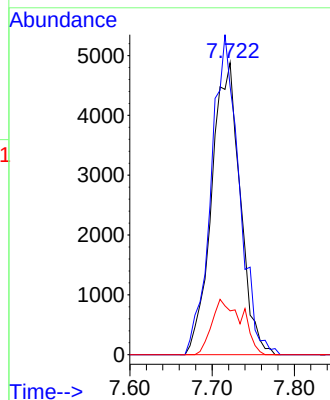
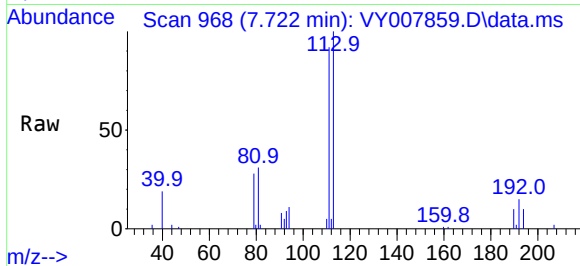




#35  
Dibromofluoromethane  
Concen: 62.419 ug/l  
RT: 7.722 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007859.D  
Acq: 11 Mar 2022 17:00

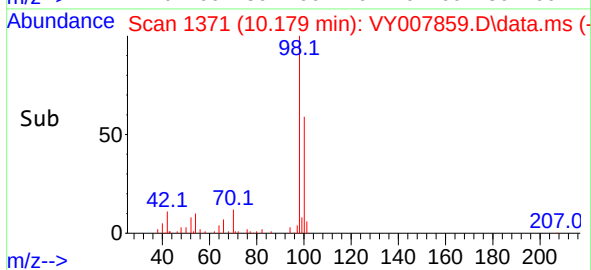
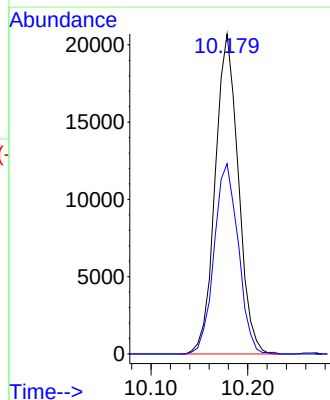
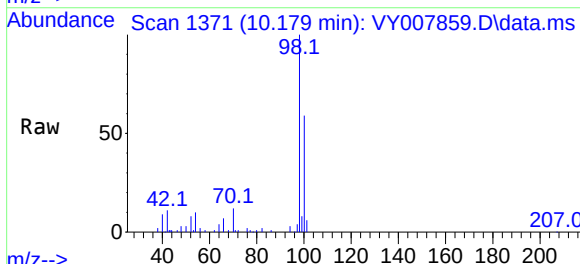
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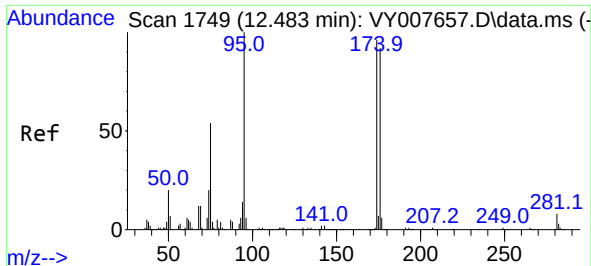
Tgt Ion:113 Resp: 11786  
Ion Ratio Lower Upper  
113 100  
111 107.6 82.6 124.0  
192 20.1 17.6 26.4



#50  
Toluene-d8  
Concen: 49.451 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY007859.D  
Acq: 11 Mar 2022 17:00

Tgt Ion: 98 Resp: 34371  
Ion Ratio Lower Upper  
98 100  
100 62.1 50.2 75.2

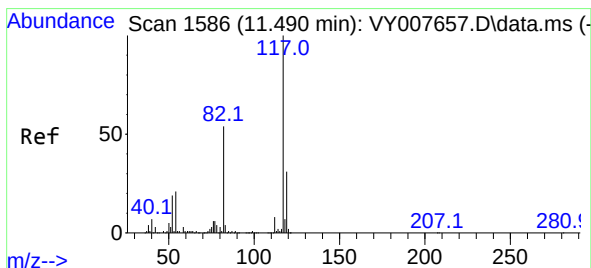
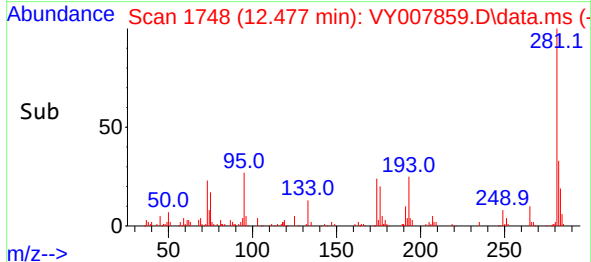
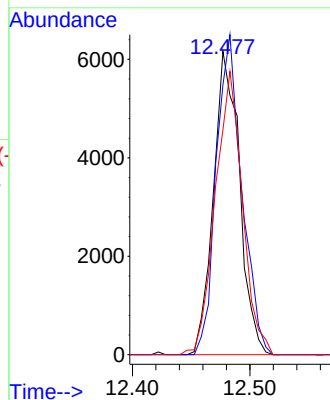
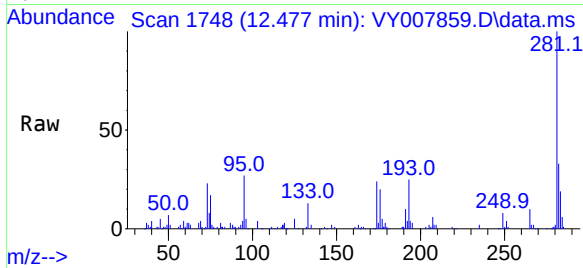




#62  
4-Bromofluorobenzene  
Concen: 42.402 ug/l  
RT: 12.477 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VY007859.D  
Acq: 11 Mar 2022 17:00

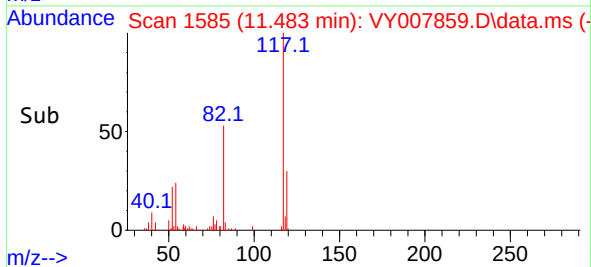
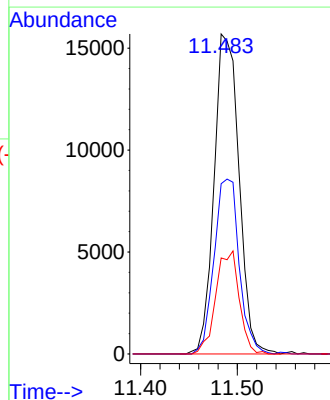
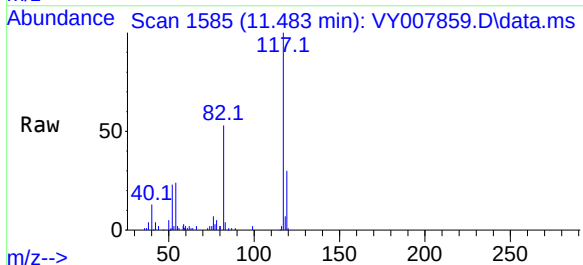
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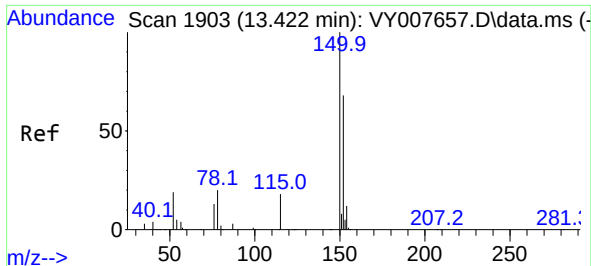
Tgt Ion: 95 Resp: 9500  
Ion Ratio Lower Upper  
95 100  
174 103.7 0.0 177.0  
176 97.3 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.483 min Scan# 1585  
Delta R.T. -0.007 min  
Lab File: VY007859.D  
Acq: 11 Mar 2022 17:00

Tgt Ion: 117 Resp: 28035  
Ion Ratio Lower Upper  
117 100  
82 53.2 43.0 64.4  
119 30.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY007859.D

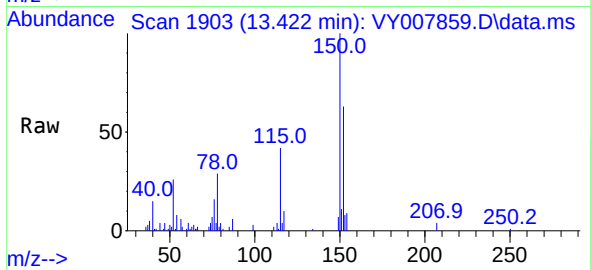
Acq: 11 Mar 2022 17:00

Instrument :

MSVOA\_Y

ClientSampleId :

MB-B2-030922-2-3



Tgt Ion:152 Resp: 10154

Ion Ratio Lower Upper

152 100

115 59.4 28.2 84.7

150 159.7 0.0 347.6

