

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090822\  
 Data File : VY010391.D  
 Acq On : 08 Sep 2022 13:28  
 Operator : KP/MD  
 Sample : N4490-04  
 Misc : 5.06g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-14-A-SP-GR

Quant Time: Sep 08 16:24:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 16:41:46 2022  
 Response via : Initial Calibration

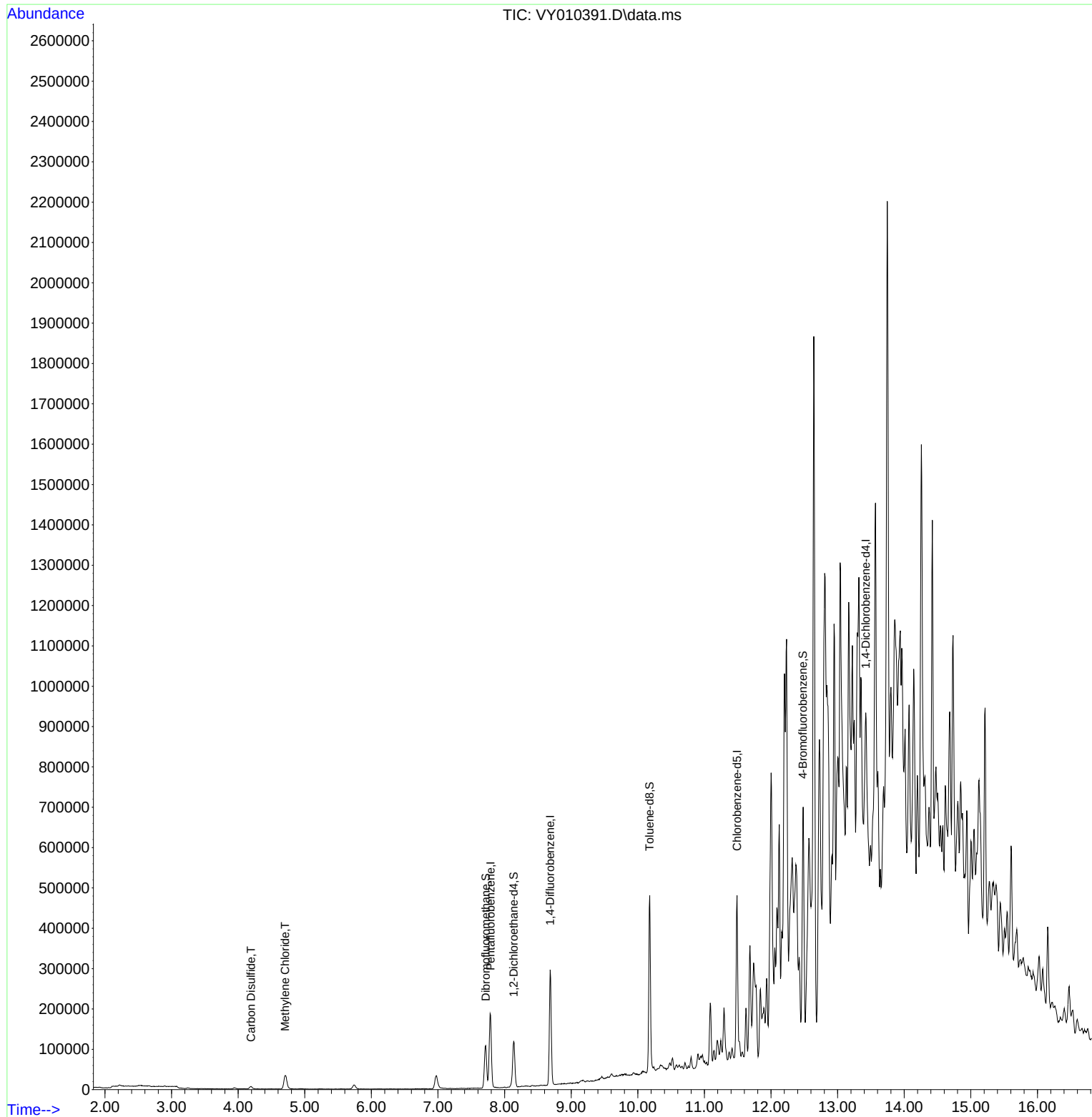
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.789  | 168   | 150240   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 250261   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 220292   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 109221   | 50.000   | ug/l   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 88224    | 57.268   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 114.540% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 76106    | 45.681   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 91.360%  |
| 50) Toluene-d8              | 10.179 | 98    | 284172   | 50.946   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 101.900% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 115236   | 51.815   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 103.640% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
| 17) Carbon Disulfide        | 4.192  | 76    | 10519    | 2.309    | ug/l   | 95       |
| 20) Methylene Chloride      | 4.704  | 84    | 27067    | 14.564   | ug/l # | 85       |
| -----                       |        |       |          |          |        |          |

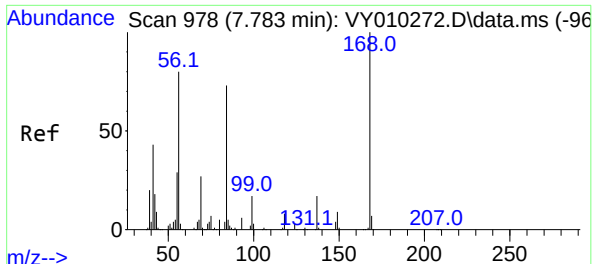
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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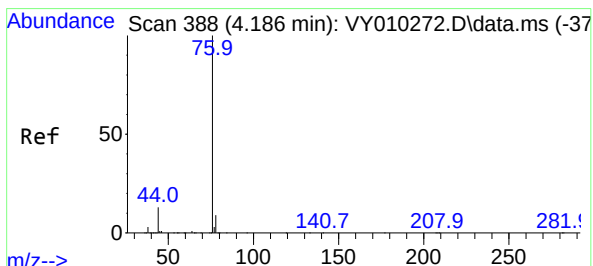
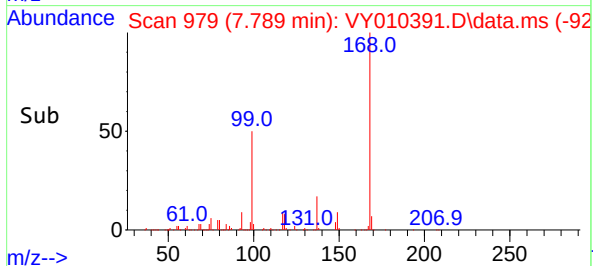
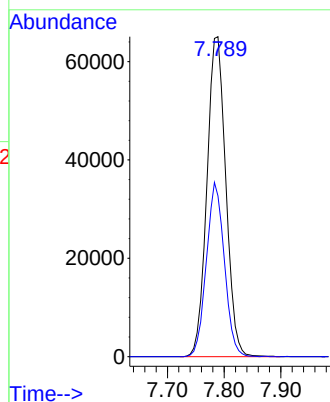
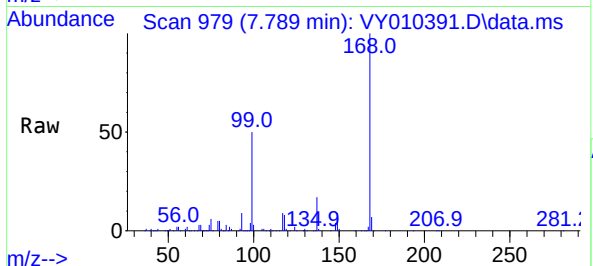




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY010391.D  
Acq: 08 Sep 2022 13:28

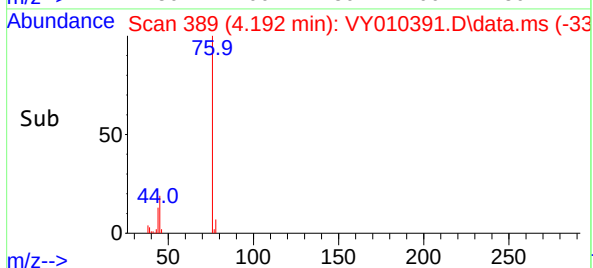
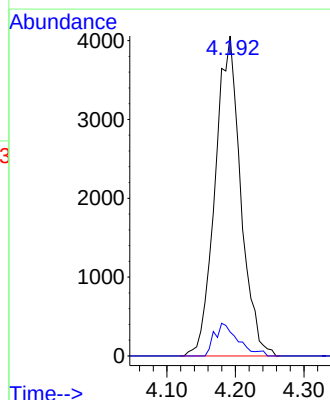
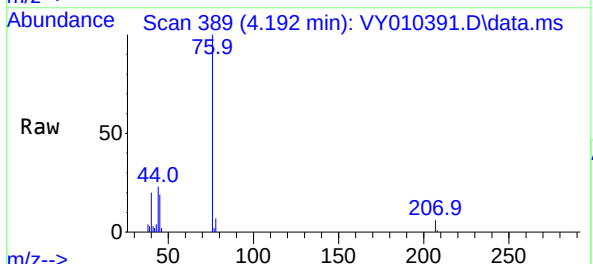
Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-14-A-SP-GR

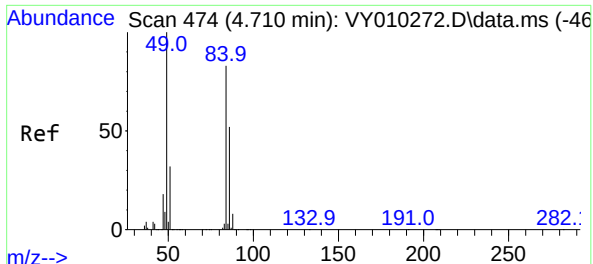
Tgt Ion:168 Resp: 150240  
Ion Ratio Lower Upper  
168 100  
99 50.3 46.9 70.3



#17  
Carbon Disulfide  
Concen: 2.309 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.006 min  
Lab File: VY010391.D  
Acq: 08 Sep 2022 13:28

Tgt Ion: 76 Resp: 10519  
Ion Ratio Lower Upper  
76 100  
78 7.5 7.4 11.0

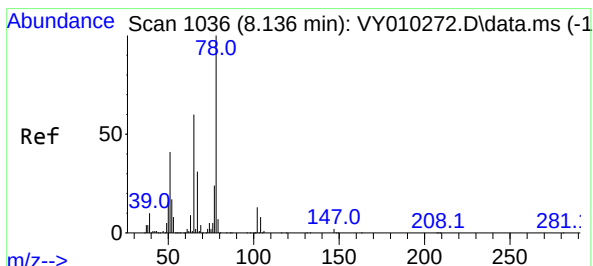
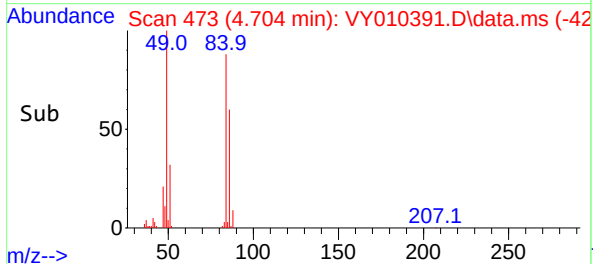
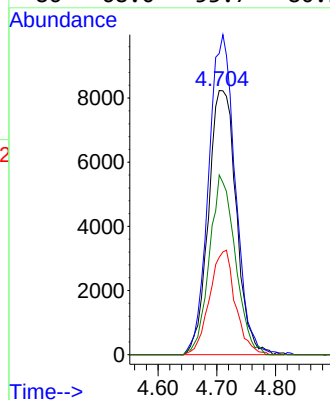
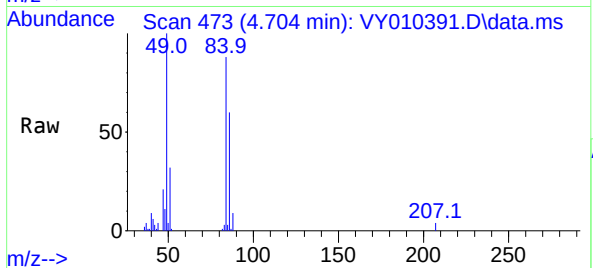




#20  
Methylene Chloride  
Concen: 14.564 ug/l  
RT: 4.704 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VY010391.D  
Acq: 08 Sep 2022 13:28

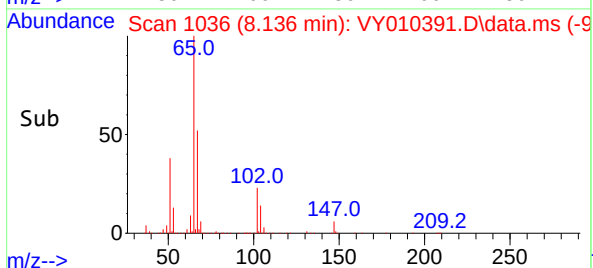
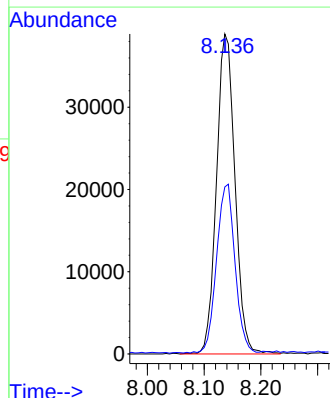
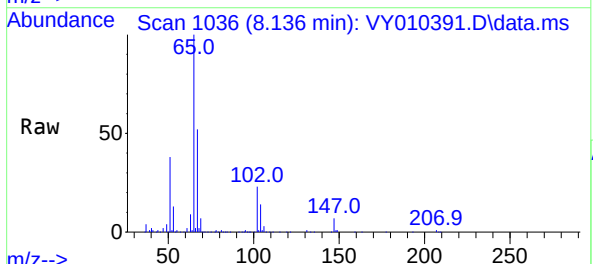
Instrument :  
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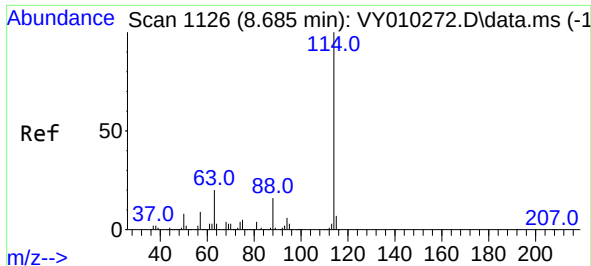
Tgt Ion: 84 Resp: 27067  
Ion Ratio Lower Upper  
84 100  
49 114.0 114.4 171.6#  
51 36.9 35.3 52.9  
86 68.0 53.7 80.5



#33  
1,2-Dichloroethane-d4  
Concen: 57.268 ug/l  
RT: 8.136 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VY010391.D  
Acq: 08 Sep 2022 13:28

Tgt Ion: 65 Resp: 88224  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010391.D

Acq: 08 Sep 2022 13:28

Instrument :

MSVOA\_Y

ClientSampleId :

WC-14-A-SP-GR

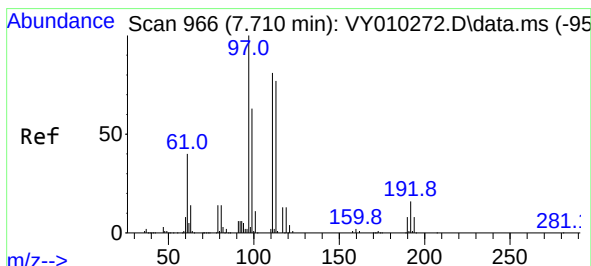
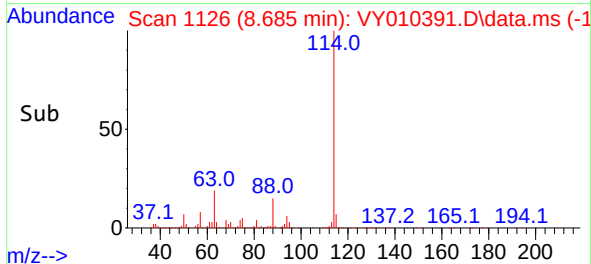
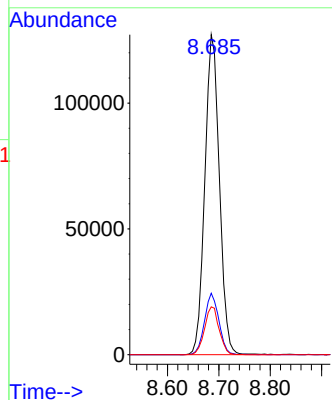
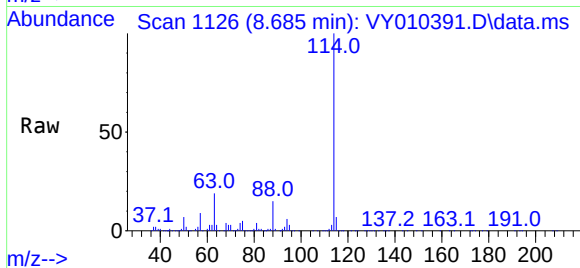
Tgt Ion:114 Resp: 250261

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.681 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010391.D

Acq: 08 Sep 2022 13:28

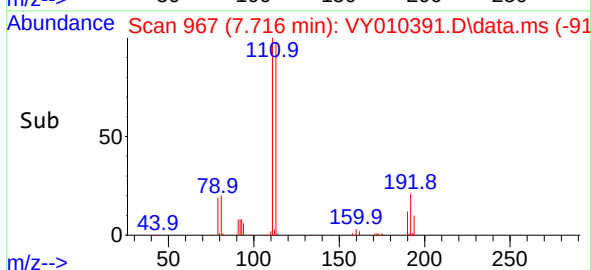
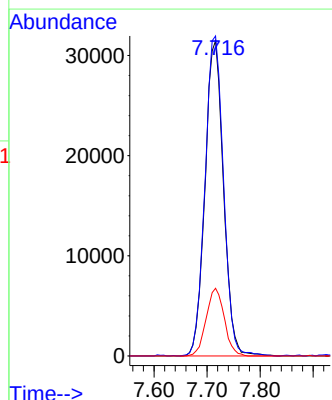
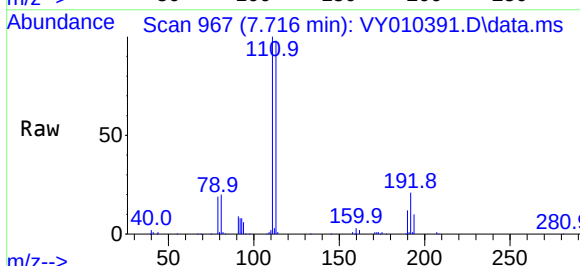
Tgt Ion:113 Resp: 76106

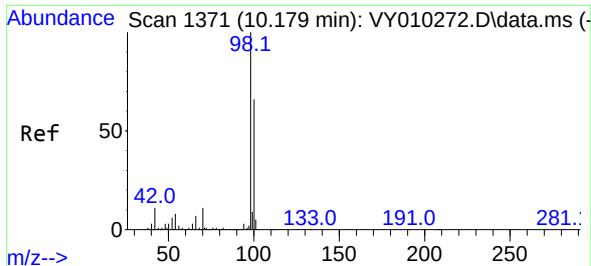
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 21.1 17.6 26.4

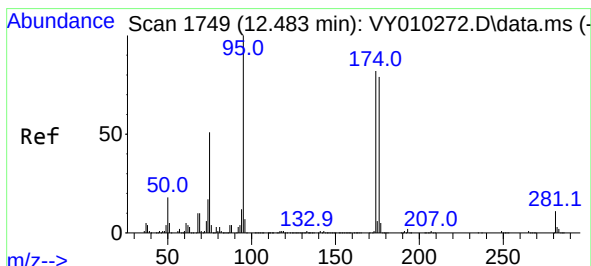
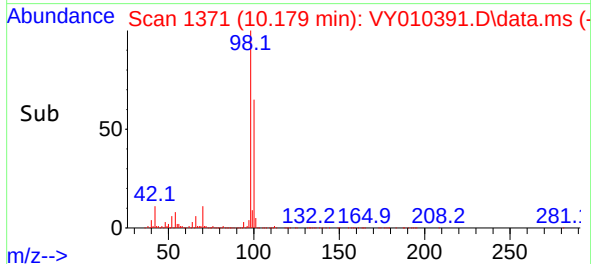
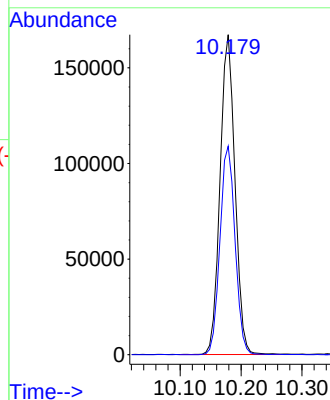
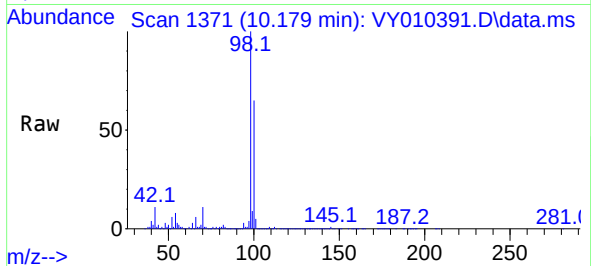




#50  
Toluene-d8  
Concen: 50.946 ug/l  
RT: 10.179 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010391.D  
Acq: 08 Sep 2022 13:28

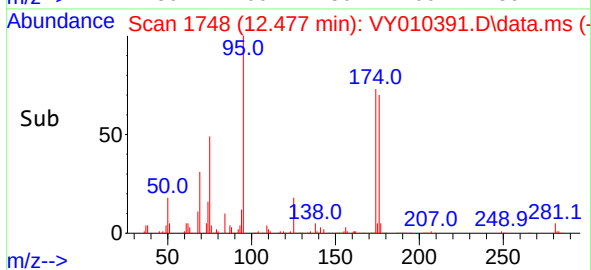
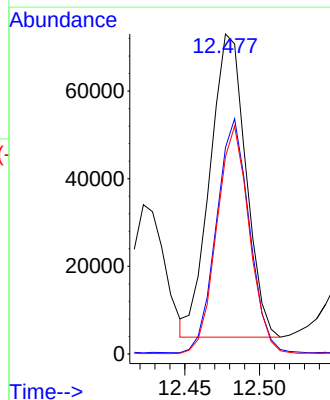
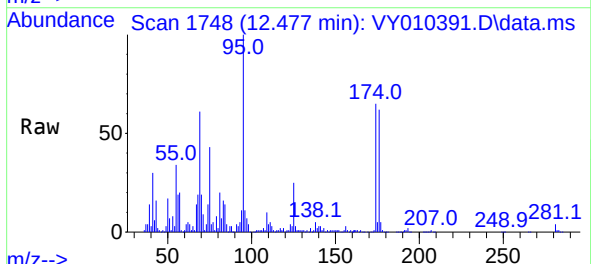
Instrument :  
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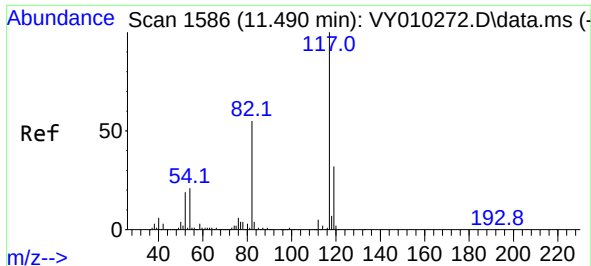
Tgt Ion: 98 Resp: 284172  
Ion Ratio Lower Upper  
98 100  
100 66.1 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 51.815 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY010391.D  
Acq: 08 Sep 2022 13:28

Tgt Ion: 95 Resp: 115236  
Ion Ratio Lower Upper  
95 100  
174 71.0 0.0 177.0  
176 68.4 0.0 175.8

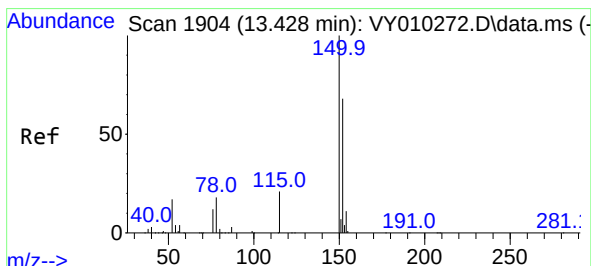
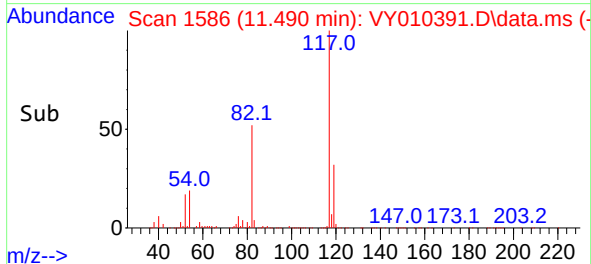
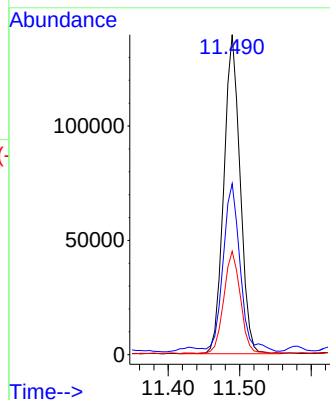
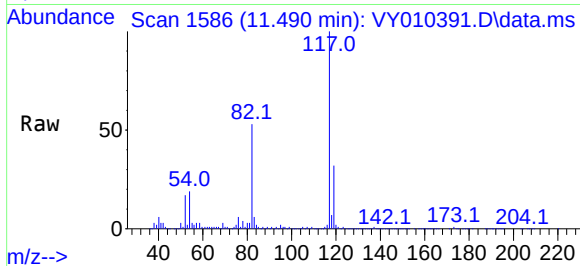




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010391.D  
Acq: 08 Sep 2022 13:28

Instrument :  
MSVOA\_Y  
ClientSampleId :  
WC-14-A-SP-GR

Tgt Ion:117 Resp: 220292  
Ion Ratio Lower Upper  
117 100  
82 52.6 43.0 64.4  
119 32.0 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VY010391.D  
Acq: 08 Sep 2022 13:28

Tgt Ion:152 Resp: 109221  
Ion Ratio Lower Upper  
152 100  
115 50.1 28.2 84.7  
150 134.5 0.0 347.6

