

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042922\  
 Data File : VY008559.D  
 Acq On : 29 Apr 2022 15:13  
 Operator : KP/MD  
 Sample : N2588-01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MH-1

Quant Time: Apr 30 00:37:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042122S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 21 14:28:40 2022  
 Response via : Initial Calibration

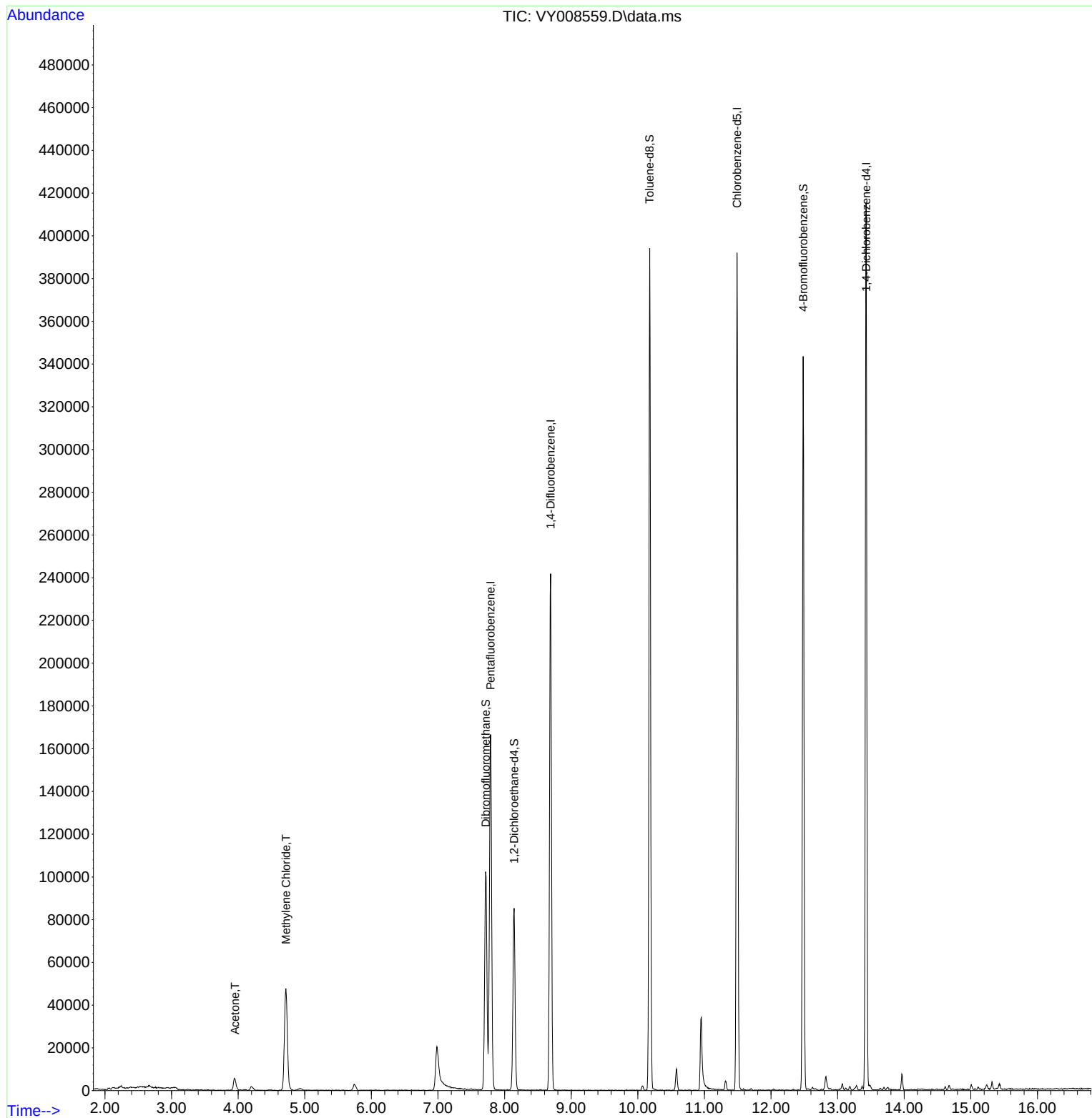
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.789  | 168   | 146235   | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 232631   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 232721   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 115840   | 50.000   | ug/l  | 0.00      |
|                             |        |       |          |          |       |           |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 65512    | 38.074   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 76.140%   |
| 35) Dibromofluoromethane    | 7.716  | 113   | 72558    | 48.328   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 96.660%   |
| 50) Toluene-d8              | 10.179 | 98    | 268898   | 45.162   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 90.320%   |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 98234    | 48.591   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 97.180%   |
|                             |        |       |          |          |       |           |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 3.954  | 43    | 10104    | 25.211   | ug/l  | Qvalue 94 |
| 20) Methylene Chloride      | 4.716  | 84    | 40695    | 15.234   | ug/l  | # 73      |
| -----                       |        |       |          |          |       |           |

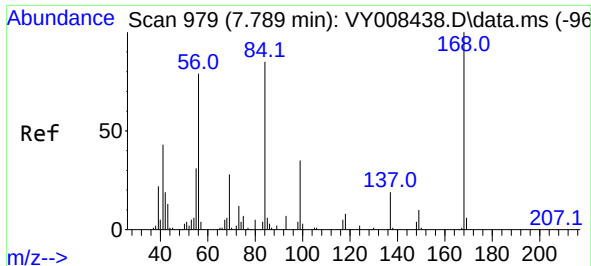
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042922\  
Data File : VY008559.D  
Acq On : 29 Apr 2022 15:13  
Operator : KP/MD  
Sample : N2588-01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MH-1

Quant Time: Apr 30 00:37:34 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042122S.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 21 14:28:40 2022  
Response via : Initial Calibration

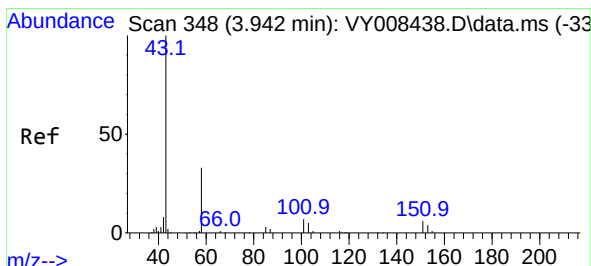
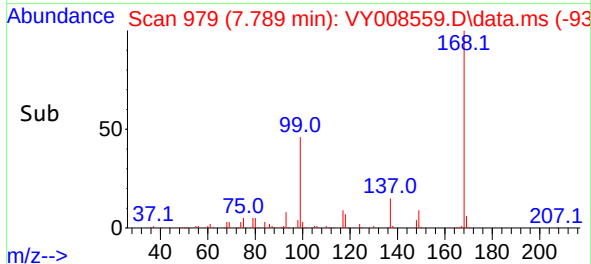
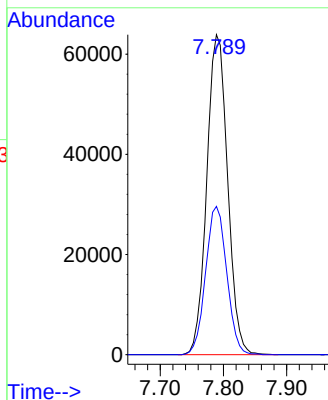
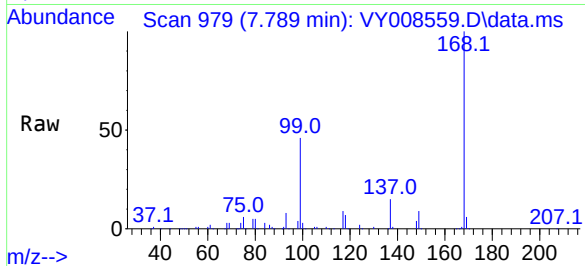




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008559.D  
Acq: 29 Apr 2022 15:13

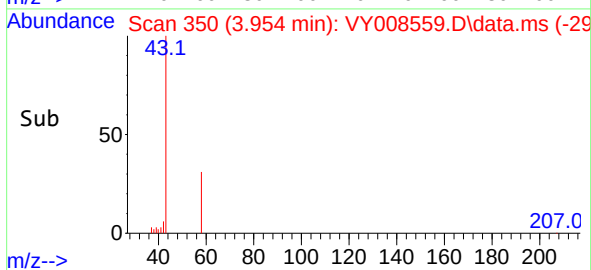
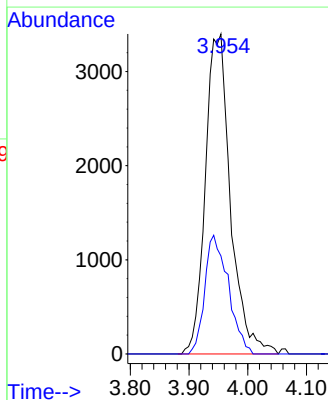
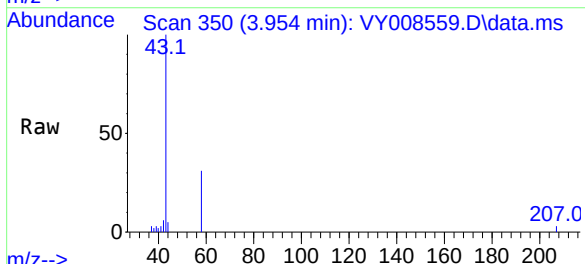
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MH-1

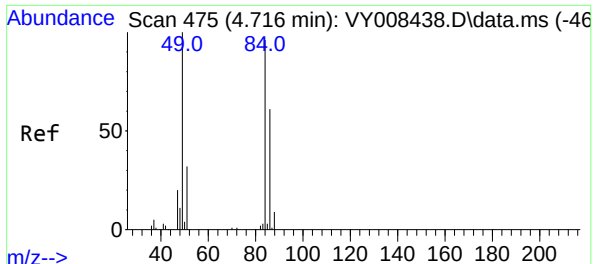
Tgt Ion:168 Resp: 146235  
Ion Ratio Lower Upper  
168 100  
99 46.3 46.9 70.3#



#16  
Acetone  
Concen: 25.211 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.012 min  
Lab File: VY008559.D  
Acq: 29 Apr 2022 15:13

Tgt Ion: 43 Resp: 10104  
Ion Ratio Lower Upper  
43 100  
58 30.6 22.0 33.0

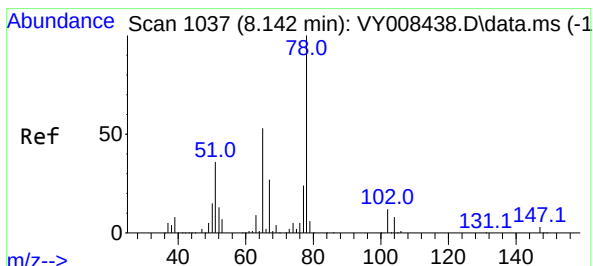
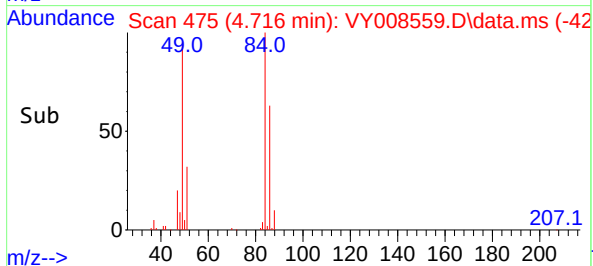
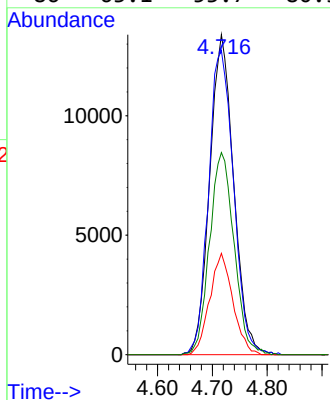
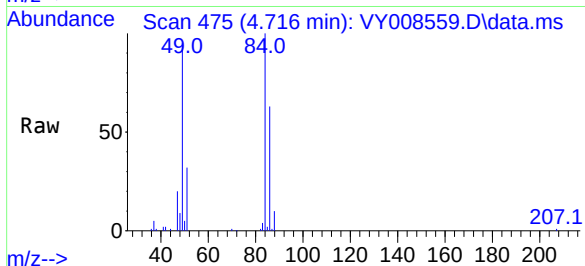




#20  
Methylene Chloride  
Concen: 15.234 ug/l  
RT: 4.716 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY008559.D  
Acq: 29 Apr 2022 15:13

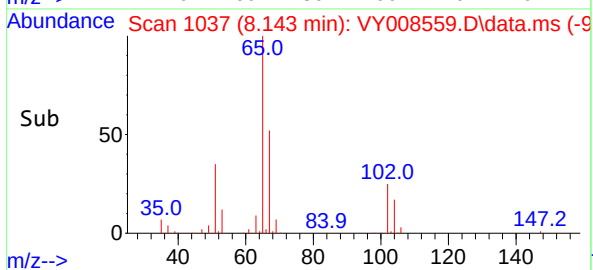
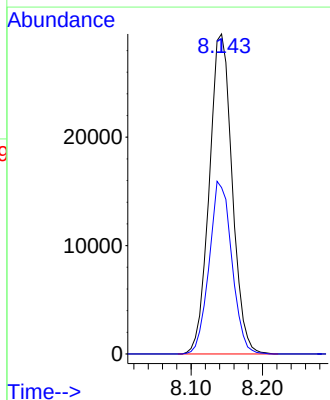
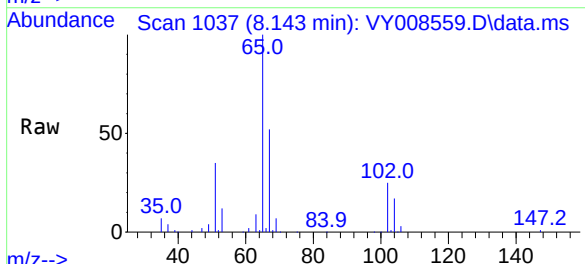
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MH-1

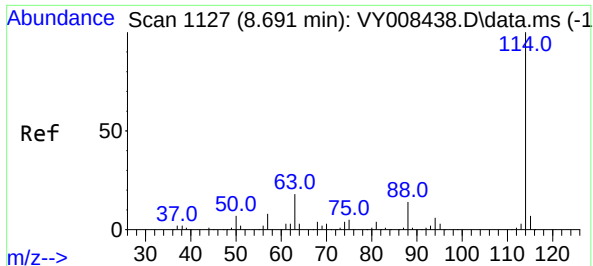
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 40695  |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 95.0  | 114.4 | 171.6# |
| 51       | 31.7  | 35.3  | 52.9#  |
| 86       | 63.1  | 53.7  | 80.5   |



#33  
1,2-Dichloroethane-d4  
Concen: 38.074 ug/l  
RT: 8.143 min Scan# 1037  
Delta R.T. 0.001 min  
Lab File: VY008559.D  
Acq: 29 Apr 2022 15:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 65512 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 53.5  | 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: VY008559.D

Acq: 29 Apr 2022 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

MH-1

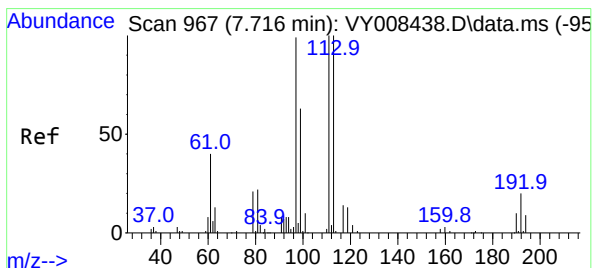
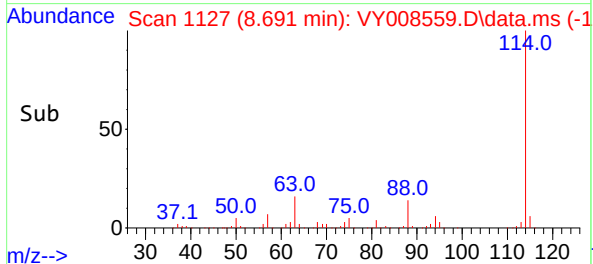
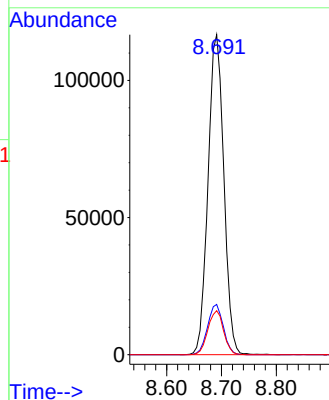
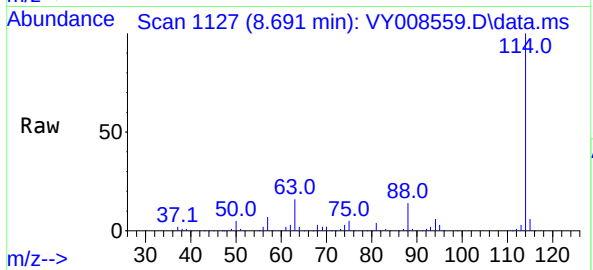
Tgt Ion:114 Resp: 232631

Ion Ratio Lower Upper

114 100

63 15.7 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.328 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008559.D

Acq: 29 Apr 2022 15:13

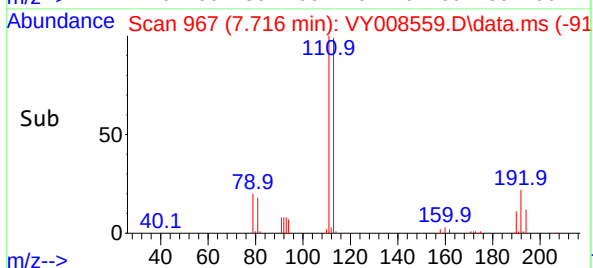
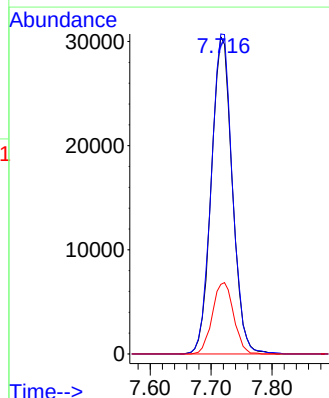
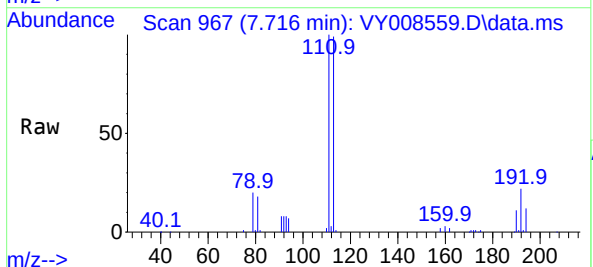
Tgt Ion:113 Resp: 72558

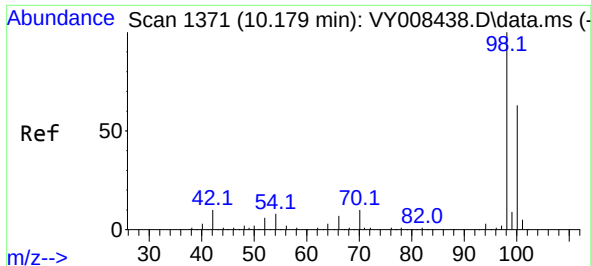
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 22.9 17.6 26.4

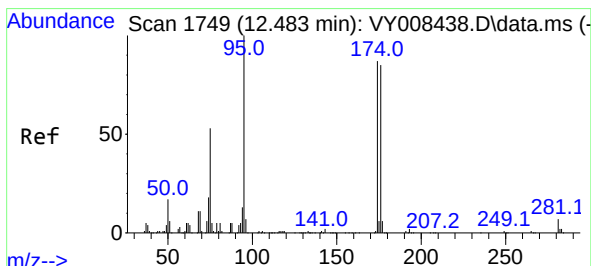
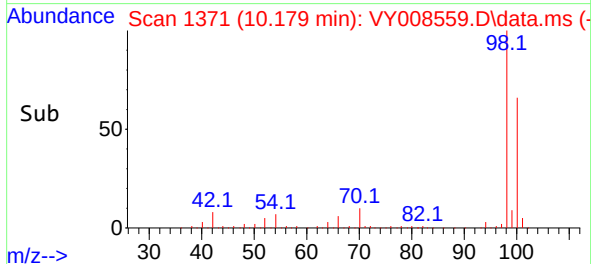
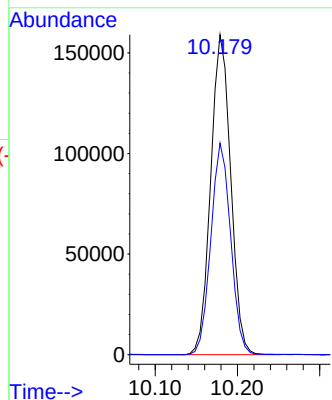
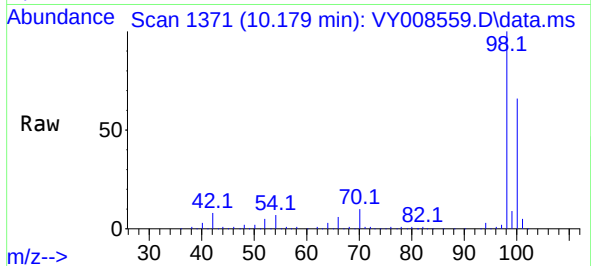




#50  
Toluene-d8  
Concen: 45.162 ug/l  
RT: 10.179 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VY008559.D  
Acq: 29 Apr 2022 15:13

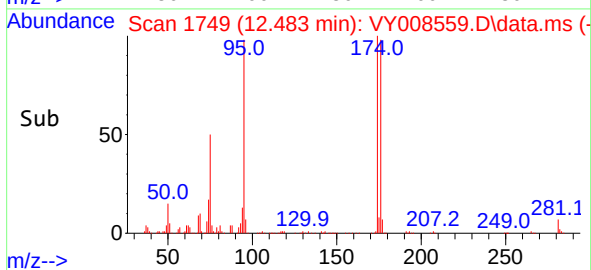
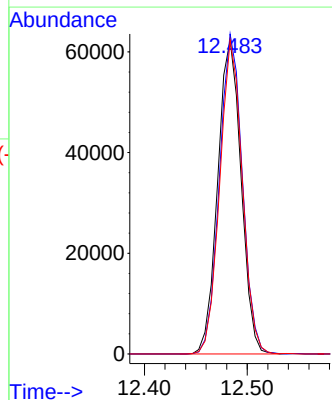
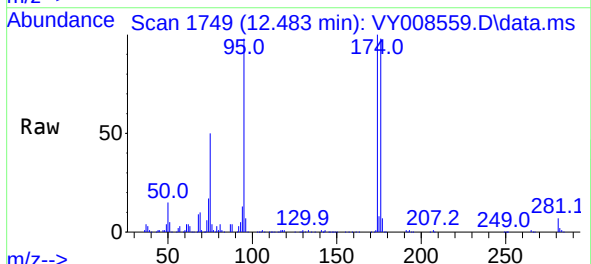
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MH-1

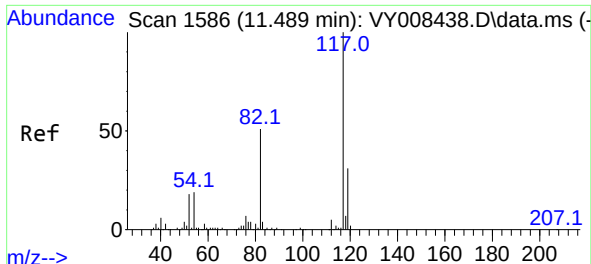
Tgt Ion: 98 Resp: 268898  
Ion Ratio Lower Upper  
98 100  
100 65.5 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 48.591 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY008559.D  
Acq: 29 Apr 2022 15:13

Tgt Ion: 95 Resp: 98234  
Ion Ratio Lower Upper  
95 100  
174 99.8 0.0 177.0  
176 96.3 0.0 175.8

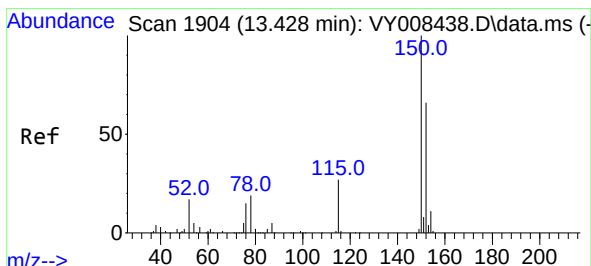
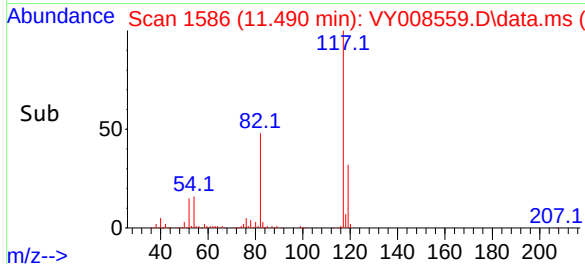
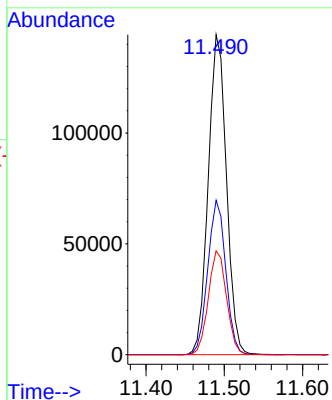
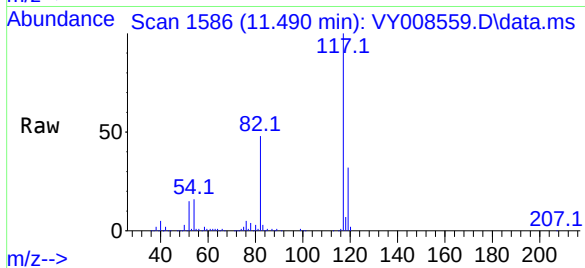




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008559.D  
Acq: 29 Apr 2022 15:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MH-1

Tgt Ion:117 Resp: 232721  
Ion Ratio Lower Upper  
117 100  
82 48.2 43.0 64.4  
119 32.4 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: VY008559.D  
Acq: 29 Apr 2022 15:13

Tgt Ion:152 Resp: 115840  
Ion Ratio Lower Upper  
152 100  
115 53.7 28.2 84.7  
150 158.5 0.0 347.6

