

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110222\  
 Data File : VY011254.D  
 Acq On : 02 Nov 2022 12:03  
 Operator : KP/MD  
 Sample : N5337-01  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-01-14.5-15.0

Quant Time: Nov 03 05:13:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110122S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 01 11:56:18 2022  
 Response via : Initial Calibration

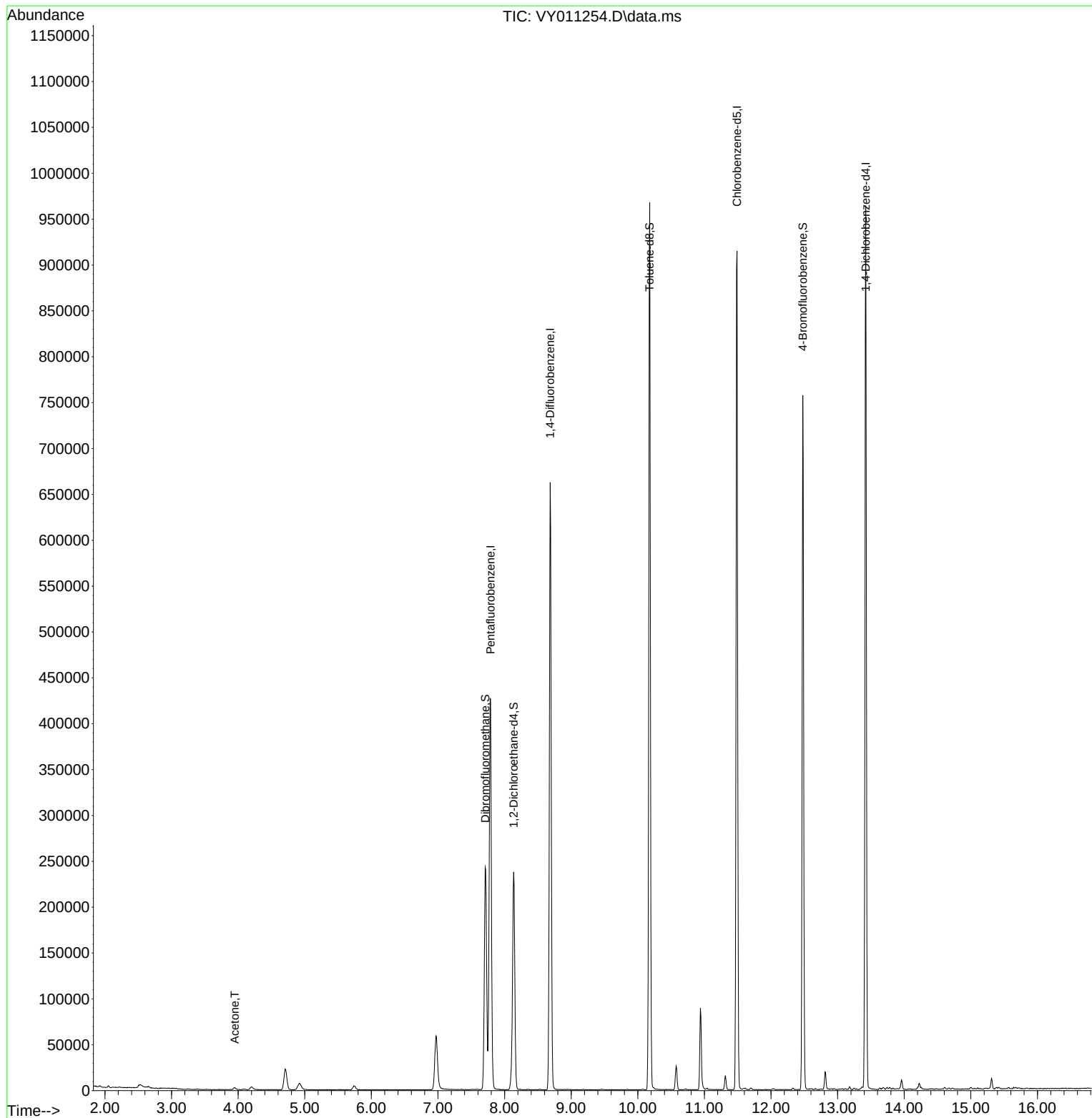
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.789  | 168   | 340817   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 576580   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 527019   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 248843   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 177318   | 48.646   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 97.300%   |
| 35) Dibromofluoromethane    | 7.710  | 113   | 179268   | 48.392   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 96.780%   |
| 50) Toluene-d8              | 10.179 | 98    | 640993   | 44.566   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 89.140%   |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 229324   | 45.927   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 91.860%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 3.948  | 43    | 3858     | 3.506    | ug/l  | Qvalue 92 |
| -----                       |        |       |          |          |       |           |

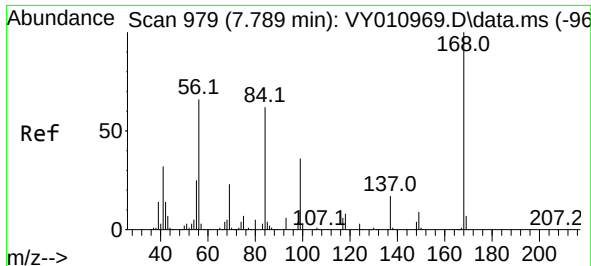
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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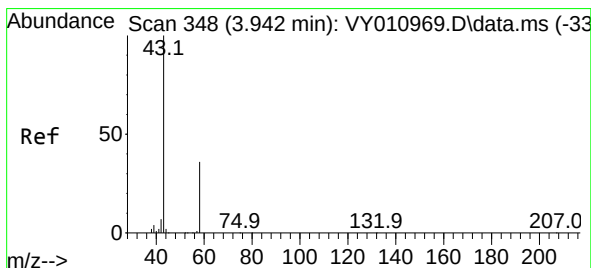
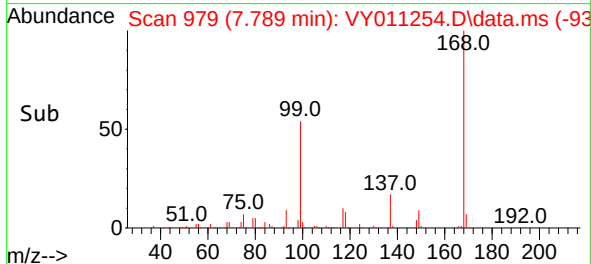
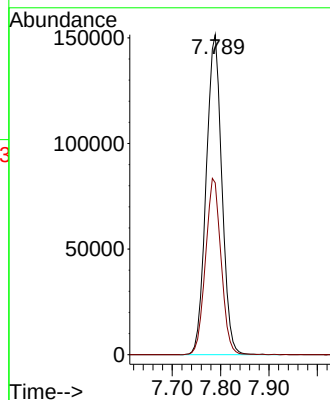
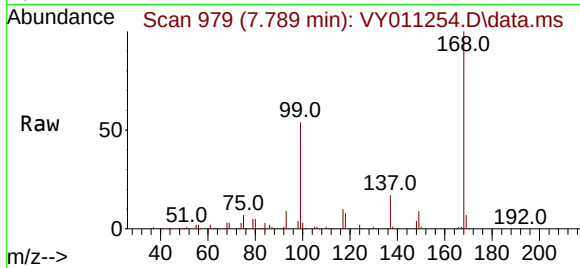




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY011254.D  
Acq: 02 Nov 2022 12:03

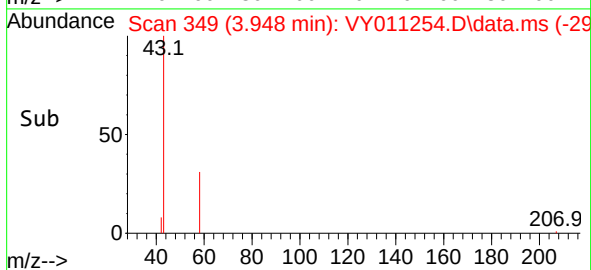
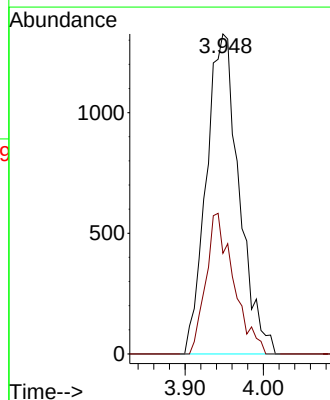
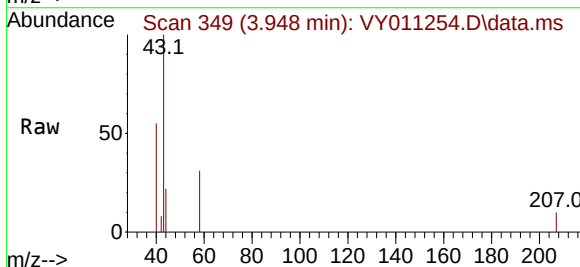
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-01-14.5-15.0

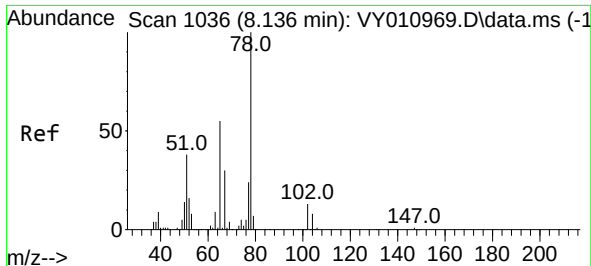
Tgt Ion:168 Resp: 340817  
Ion Ratio Lower Upper  
168 100  
99 53.7 46.9 70.3



#16  
Acetone  
Concen: 3.506 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.006 min  
Lab File: VY011254.D  
Acq: 02 Nov 2022 12:03

Tgt Ion: 43 Resp: 3858  
Ion Ratio Lower Upper  
43 100  
58 31.4 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 48.646 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY011254.D

Acq: 02 Nov 2022 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

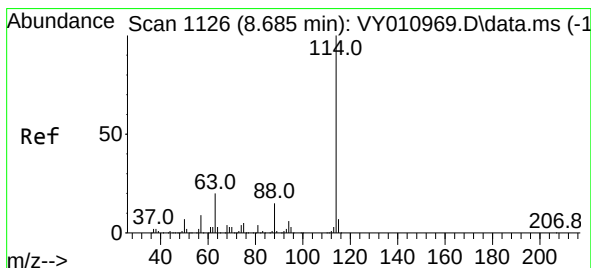
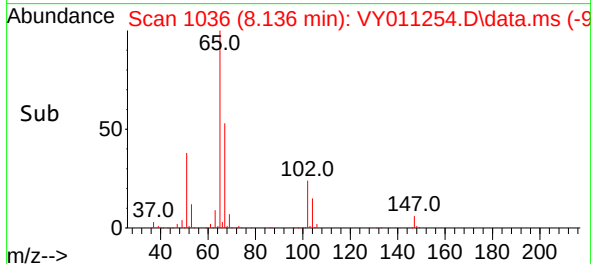
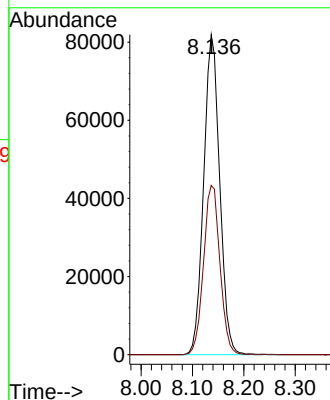
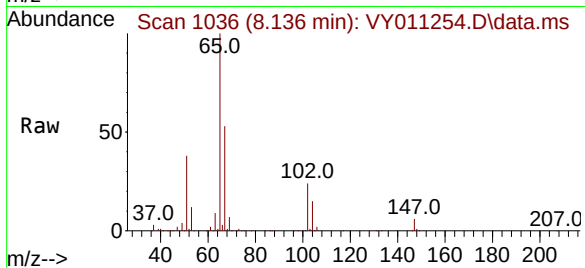
SB-01-14.5-15.0

Tgt Ion: 65 Resp: 177318

Ion Ratio Lower Upper

65 100

67 54.2 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: VY011254.D

Acq: 02 Nov 2022 12:03

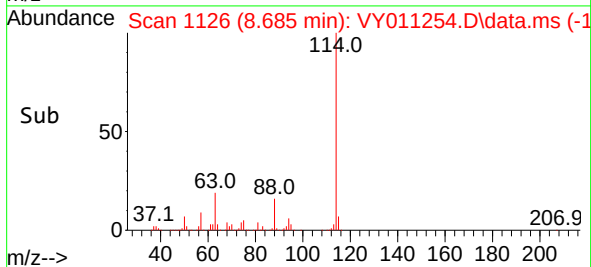
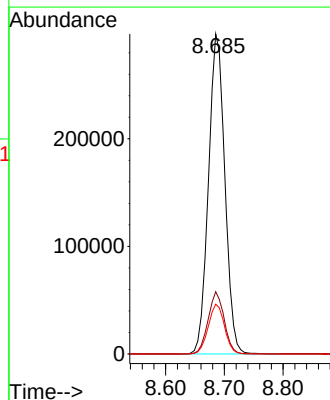
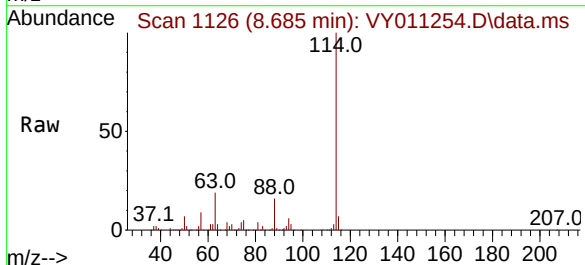
Tgt Ion: 114 Resp: 576580

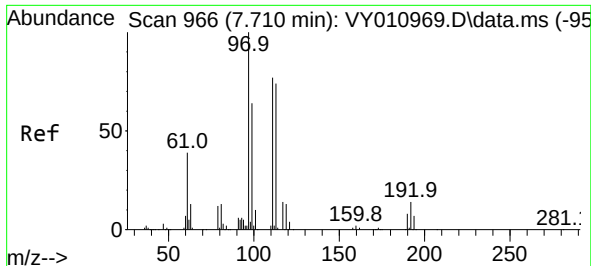
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.392 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011254.D

Acq: 02 Nov 2022 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

SB-01-14.5-15.0

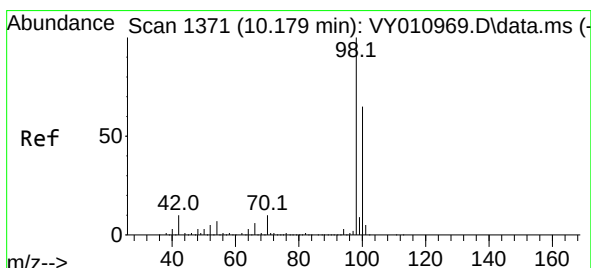
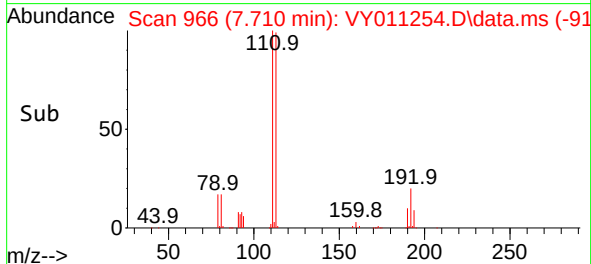
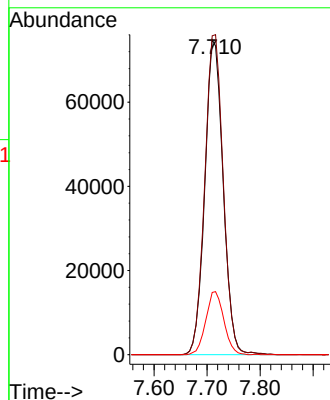
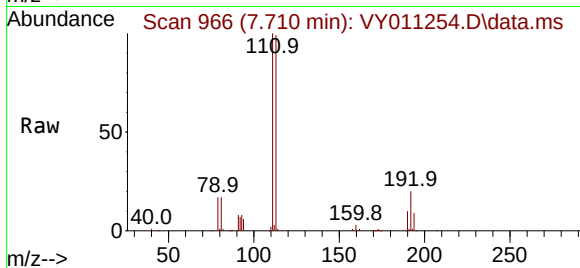
Tgt Ion:113 Resp: 179268

Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.7 17.6 26.4



#50

Toluene-d8

Concen: 44.566 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011254.D

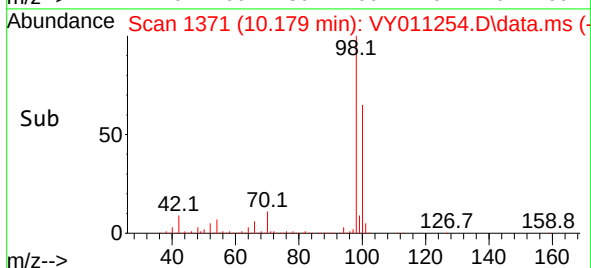
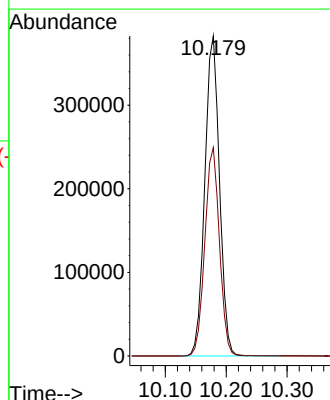
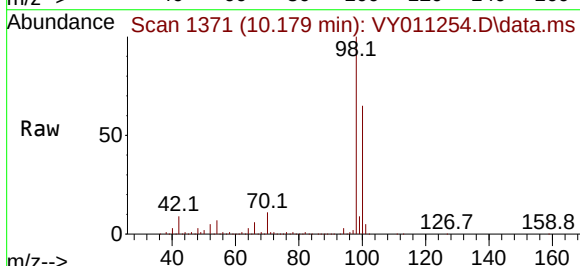
Acq: 02 Nov 2022 12:03

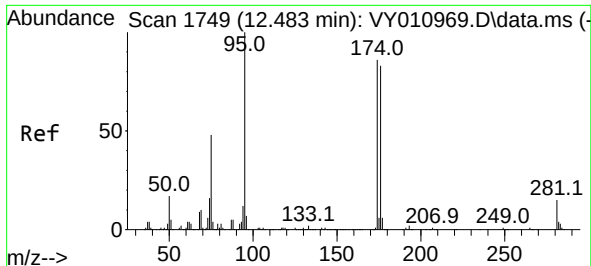
Tgt Ion: 98 Resp: 640993

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 45.927 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011254.D

Acq: 02 Nov 2022 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

SB-01-14.5-15.0

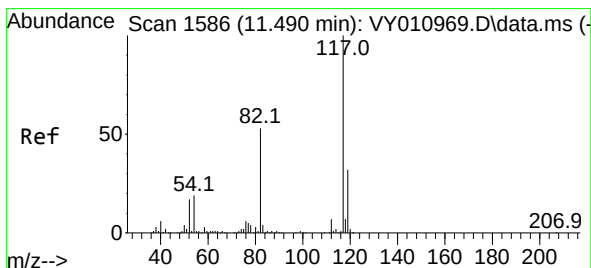
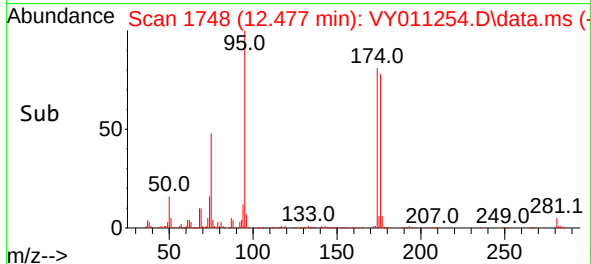
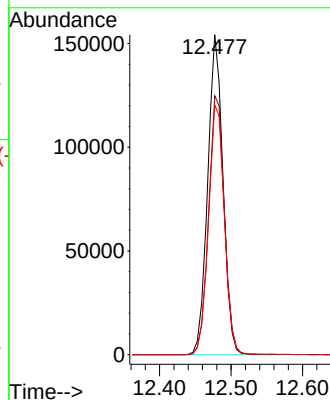
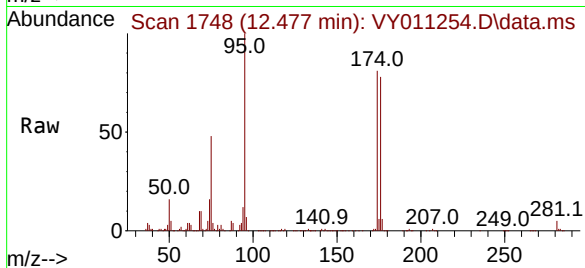
Tgt Ion: 95 Resp: 229324

Ion Ratio Lower Upper

95 100

174 83.5 0.0 177.0

176 80.6 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY011254.D

Acq: 02 Nov 2022 12:03

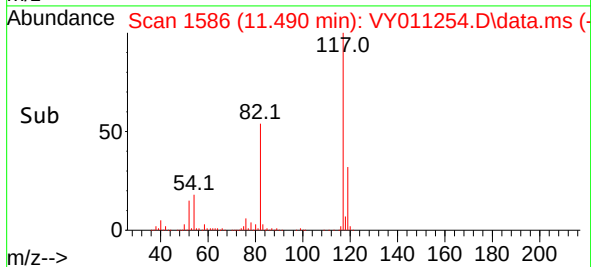
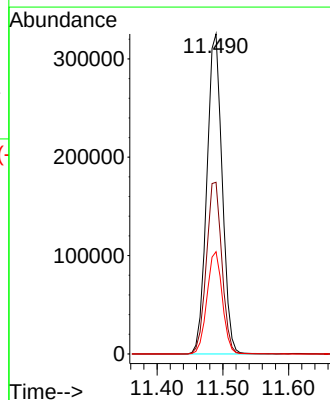
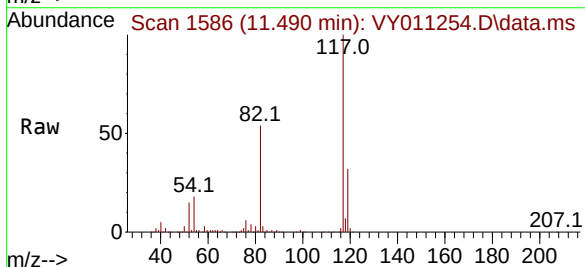
Tgt Ion: 117 Resp: 527019

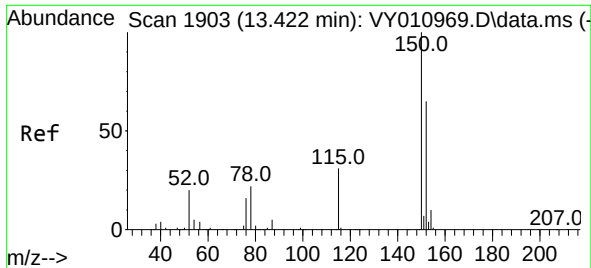
Ion Ratio Lower Upper

117 100

82 53.6 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. 0.000 min

Lab File: VY011254.D

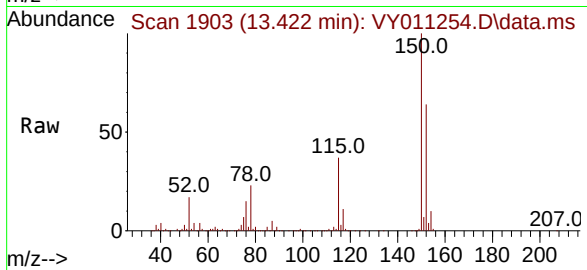
Acq: 02 Nov 2022 12:03

Instrument :

MSVOA\_Y

ClientSampleId :

SB-01-14.5-15.0



Tgt Ion:152 Resp: 248843

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 157.5 0.0 347.6

