

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY050324\  
 Data File : VY018136.D  
 Acq On : 03 May 2024 12:34  
 Operator : SY/MD  
 Sample : P2331-05  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-2

Quant Time: May 06 02:55:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050124S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 01 16:21:20 2024  
 Response via : Initial Calibration

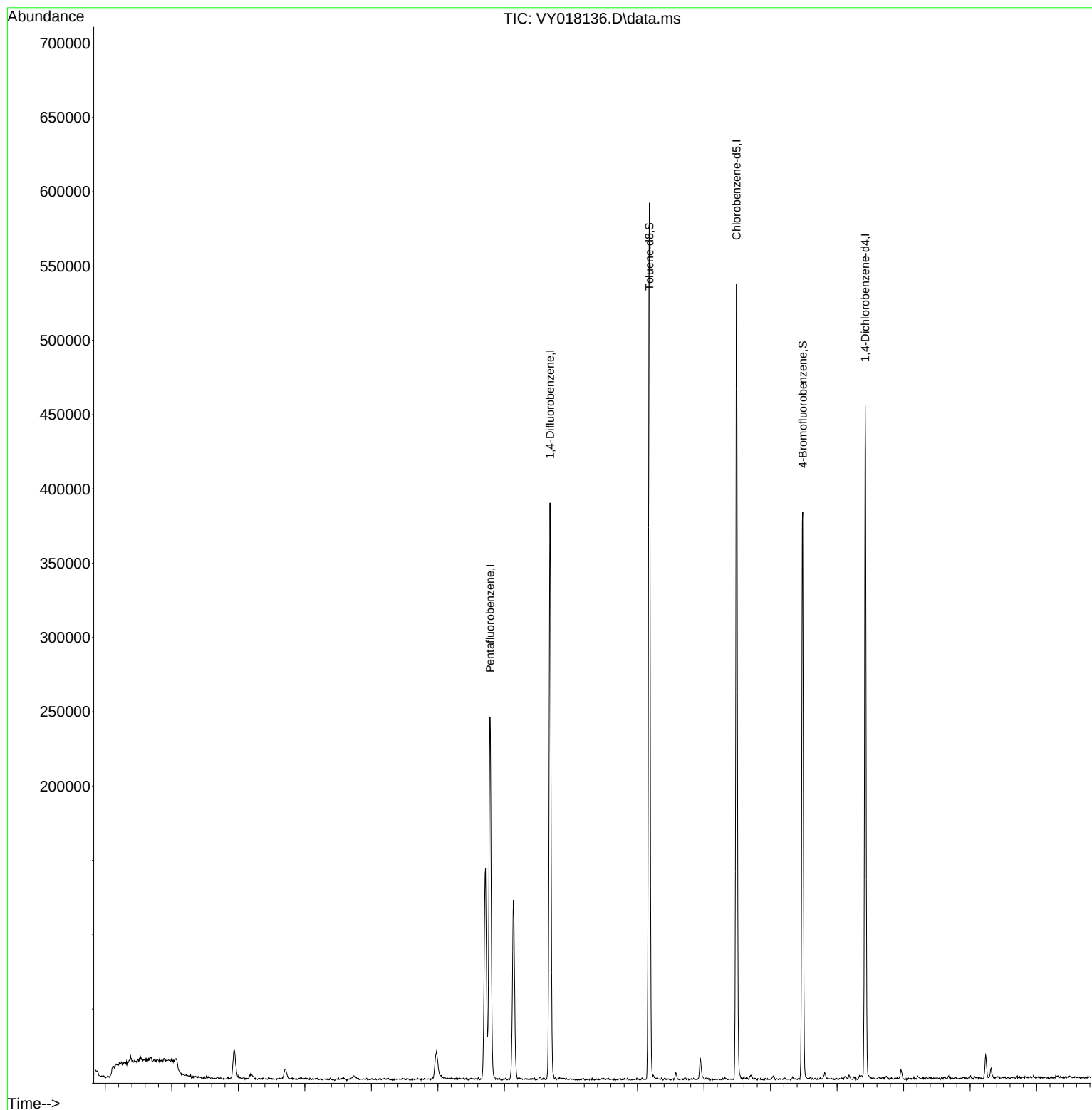
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.783  | 168   | 205216   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 354246   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 307928   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 122286   | 50.000   | ug/l  | 0.00      |
|                             |        |       |          |          |       |           |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 86445    | 53.441   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 106.880%  |
| 35) Dibromofluoromethane    | 7.716  | 113   | 102835   | 50.515   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 101.020%  |
| 50) Toluene-d8              | 10.179 | 98    | 393772   | 49.547   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 99.100%   |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 124037   | 45.351   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =     | 90.700%   |
|                             |        |       |          |          |       |           |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 3.936  | 43    | 33980    | 110.268  | ug/l  | Qvalue 96 |
| -----                       |        |       |          |          |       |           |

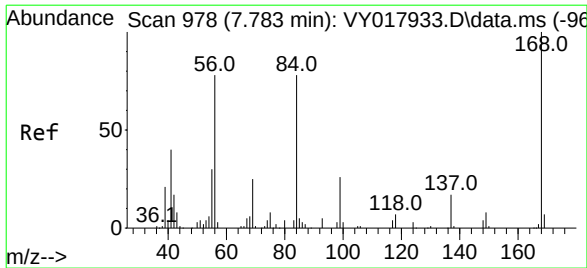
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
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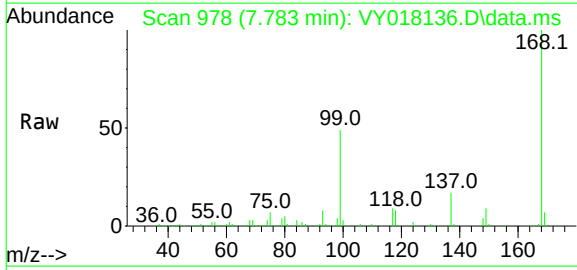
Quant Time: May 06 02:55:55 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050124S.M  
Quant Title : SW846 8260  
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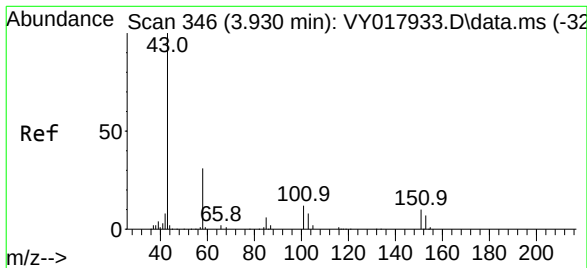
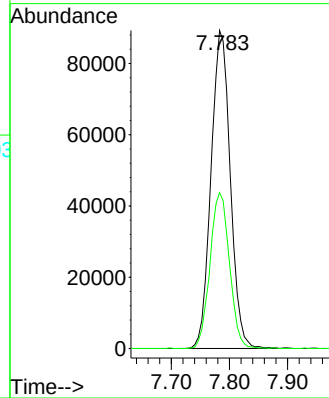
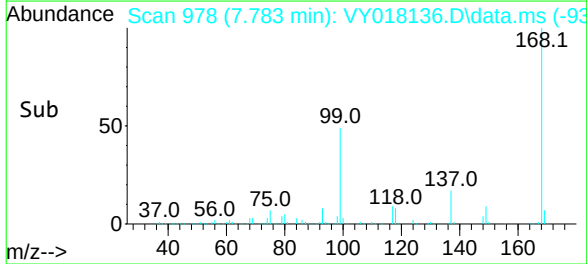


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 97  
Delta R.T. -0.006 min  
Lab File: VY018136.D  
Acq: 03 May 2024 12:34

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-2

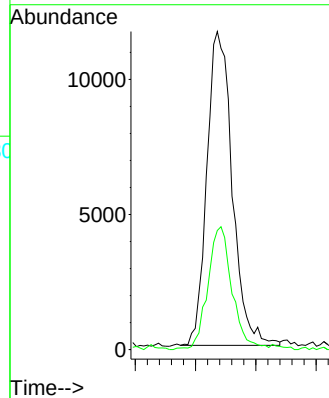
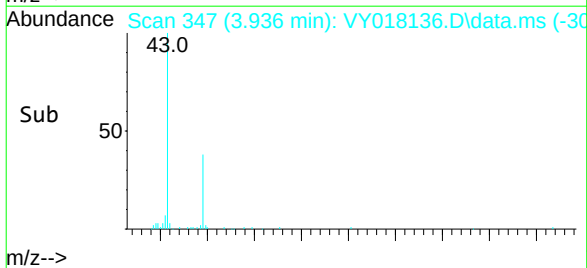
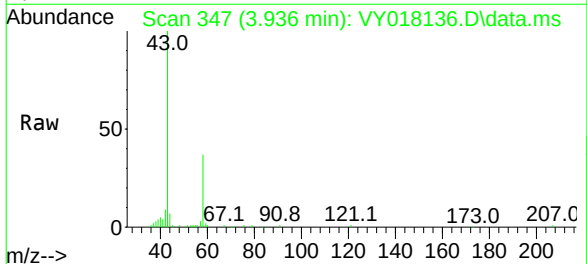


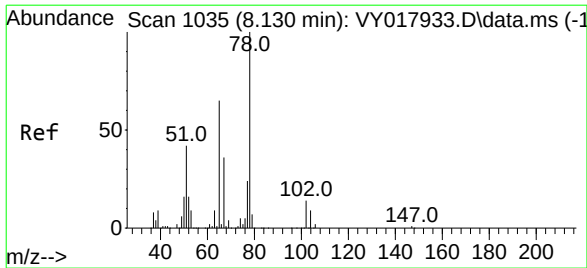
Tgt Ion:168 Resp: 205216  
Ion Ratio Lower Upper  
168 100  
99 49.0 39.1 58.7



#16  
Acetone  
Concen: 110.268 ug/l  
RT: 3.936 min Scan# 347  
Delta R.T. -0.012 min  
Lab File: VY018136.D  
Acq: 03 May 2024 12:34

Tgt Ion: 43 Resp: 33980  
Ion Ratio Lower Upper  
43 100  
58 37.4 31.7 47.5

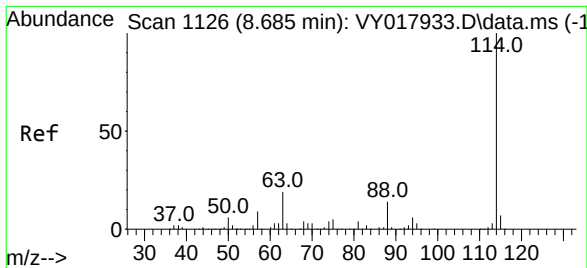
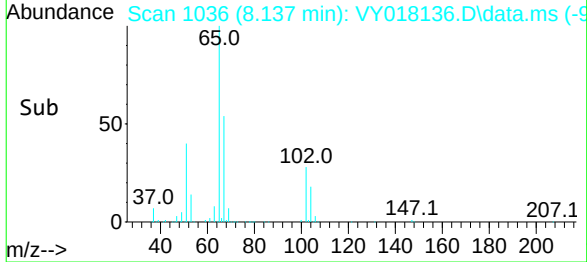
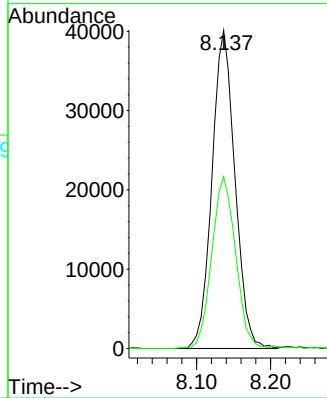
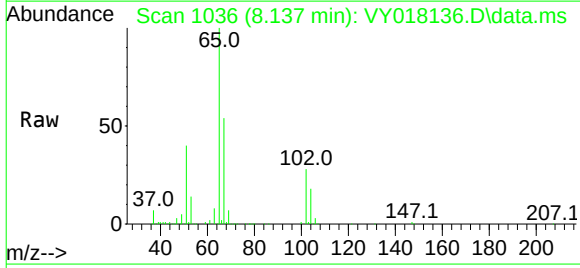




#33  
1,2-Dichloroethane-d4  
Concen: 53.441 ug/l  
RT: 8.137 min Scan# 1035  
Delta R.T. -0.005 min  
Lab File: VY018136.D  
Acq: 03 May 2024 12:34

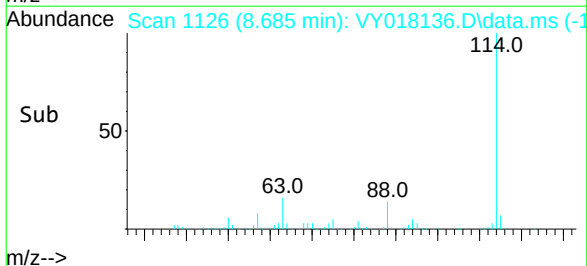
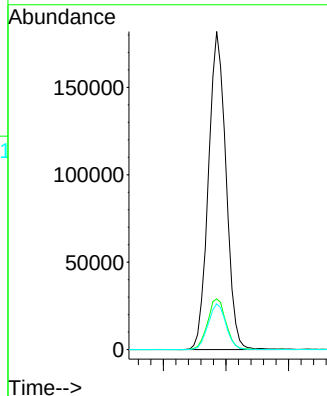
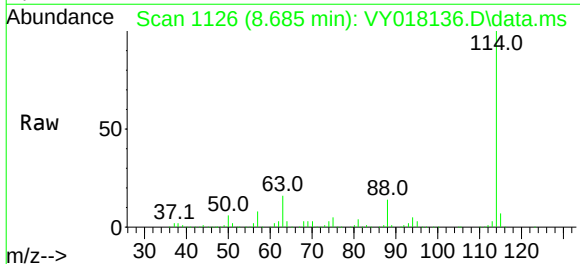
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-2

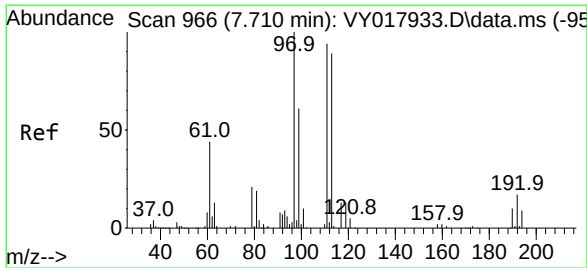
Tgt Ion: 65 Resp: 86445  
Ion Ratio Lower Upper  
65 100  
67 55.7 0.0 109.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.685 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: VY018136.D  
Acq: 03 May 2024 12:34

Tgt Ion: 114 Resp: 354246  
Ion Ratio Lower Upper  
114 100  
63 15.9 0.0 35.0  
88 14.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.515 ug/l

RT: 7.716 min Scan# 96

Delta R.T. -0.006 min

Lab File: VY018136.D

Acq: 03 May 2024 12:34

Instrument :

MSVOA\_Y

ClientSampleId :

TP-2

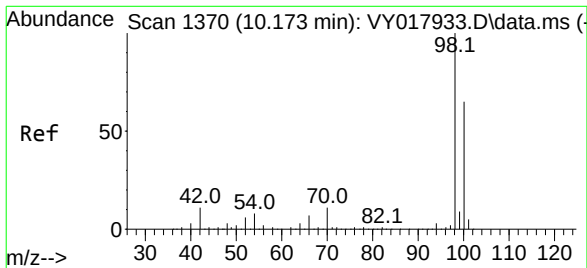
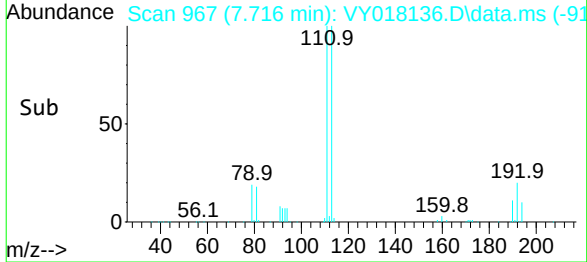
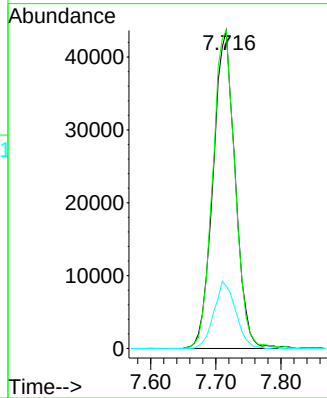
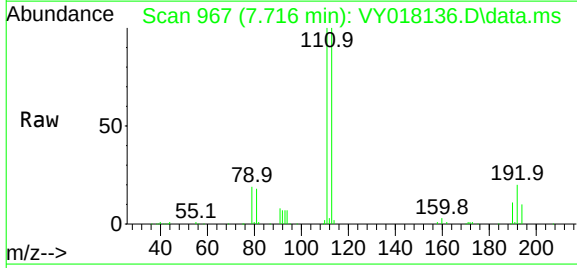
Tgt Ion:113 Resp: 102835

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 20.8 15.9 23.9



#50

Toluene-d8

Concen: 49.547 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018136.D

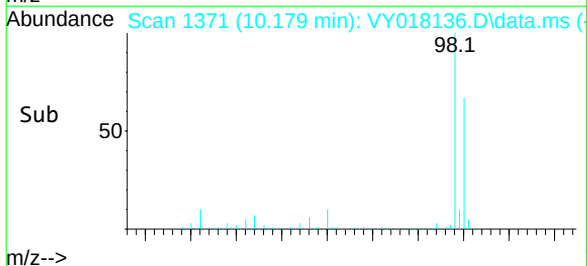
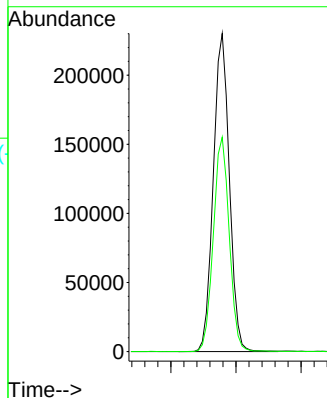
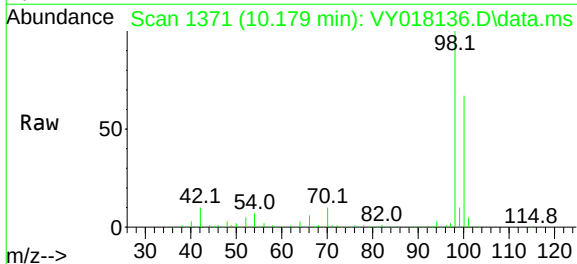
Acq: 03 May 2024 12:34

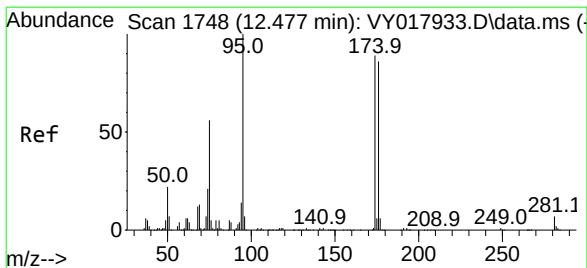
Tgt Ion: 98 Resp: 393772

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 45.351 ug/l

RT: 12.483 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018136.D

Acq: 03 May 2024 12:34

Instrument :

MSVOA\_Y

ClientSampleId :

TP-2

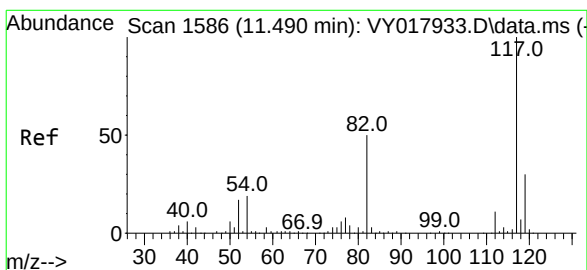
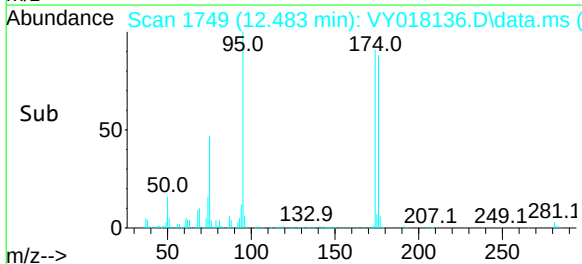
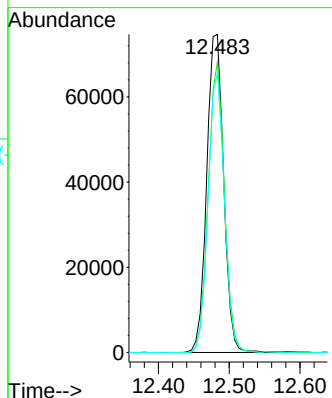
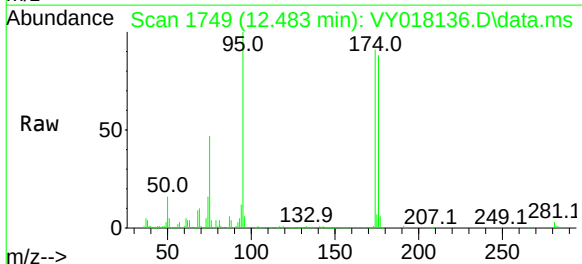
Tgt Ion: 95 Resp: 124037

Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.6

176 84.3 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY018136.D

Acq: 03 May 2024 12:34

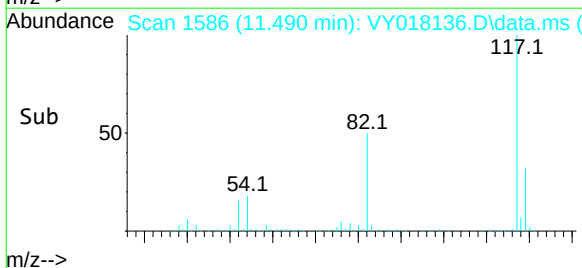
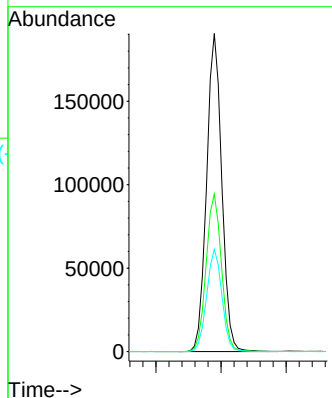
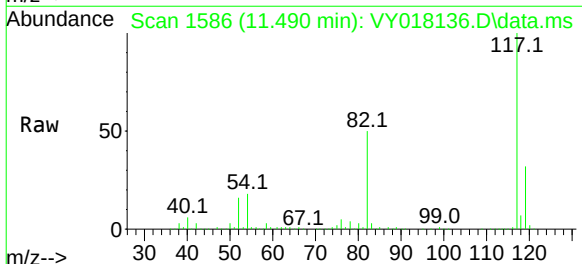
Tgt Ion: 117 Resp: 307928

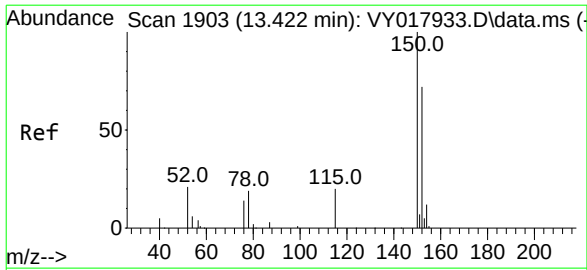
Ion Ratio Lower Upper

117 100

82 49.5 42.4 63.6

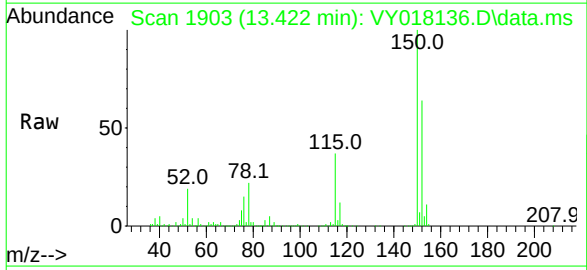
119 32.2 25.9 38.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.422 min Scan# 19  
 Delta R.T. -0.006 min  
 Lab File: VY018136.D  
 Acq: 03 May 2024 12:34

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-2



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 122286 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 56.4  | 28.2  | 84.7   |
| 150      | 159.7 | 0.0   | 345.6  |

