

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042522\  
 Data File : VY008486.D  
 Acq On : 25 Apr 2022 16:50  
 Operator : KP/MD  
 Sample : N2548-10  
 Misc : 5.09g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-11

Quant Time: Apr 26 01:57:33 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      | 7.807  | 168  | 120      | 50.000 | ug/l  | # 0.02   |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 460      | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 191      | 50.000 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 0.000  | 152  | 0        | 0.000  | ug/l  | -13.43   |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 190      | 134.566  | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 269.140%# |
| 35) Dibromofluoromethane    | 7.710  | 113   | 46       | 15.495   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 30.980%#  |
| 50) Toluene-d8              | 10.179 | 98    | 531      | 45.104   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 90.200%   |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 19       | 4.753    | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 9.500%#   |

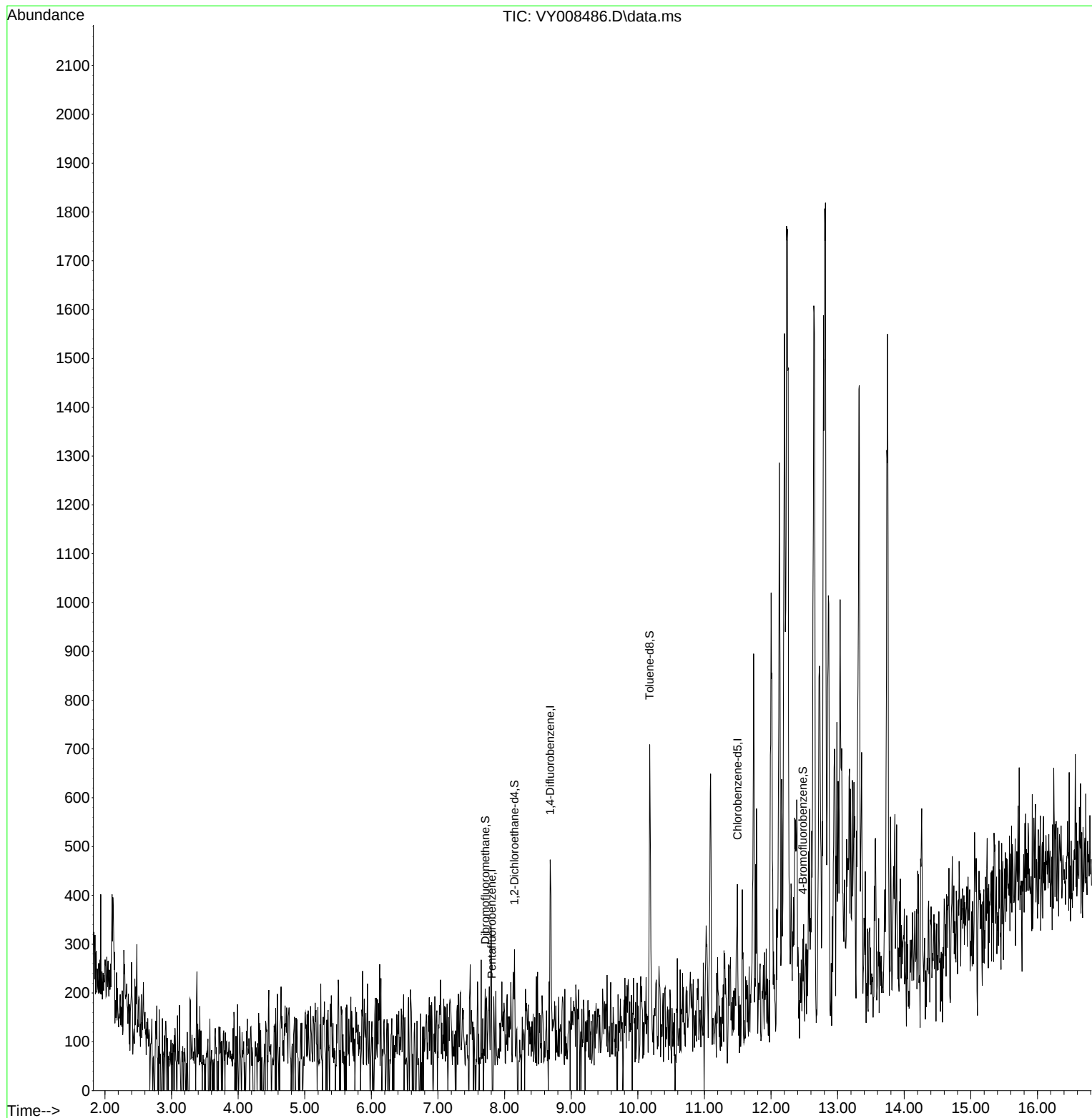
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

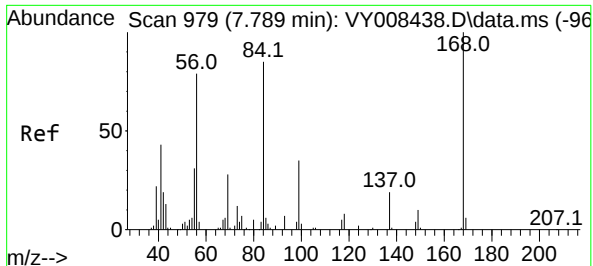
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042522\  
Data File : VY008486.D  
Acq On : 25 Apr 2022 16:50  
Operator : KP/MD  
Sample : N2548-10  
Misc : 5.09g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-11

Quant Time: Apr 26 01:57:33 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

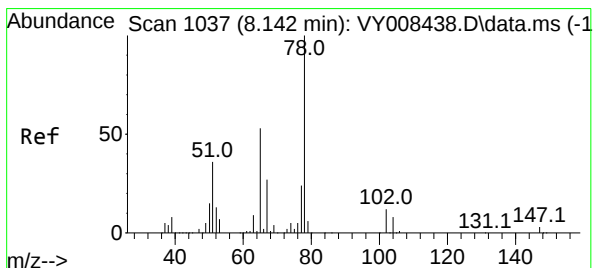
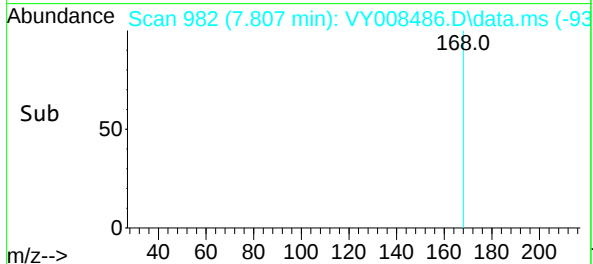
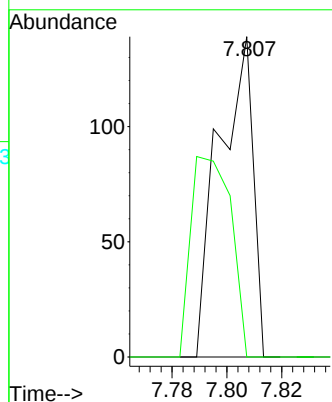
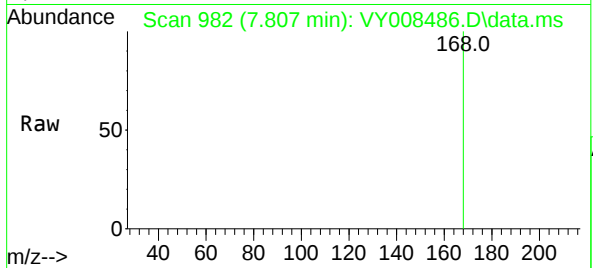




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.807 min Scan# 91  
Delta R.T. 0.018 min  
Lab File: VY008486.D  
Acq: 25 Apr 2022 16:50

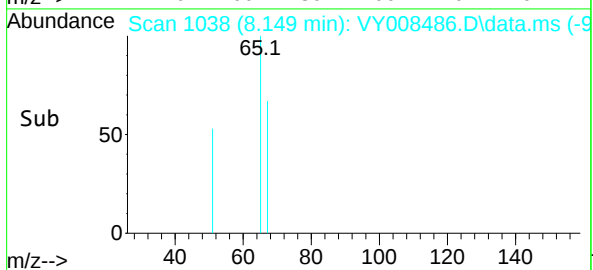
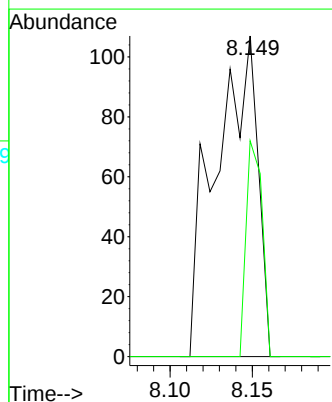
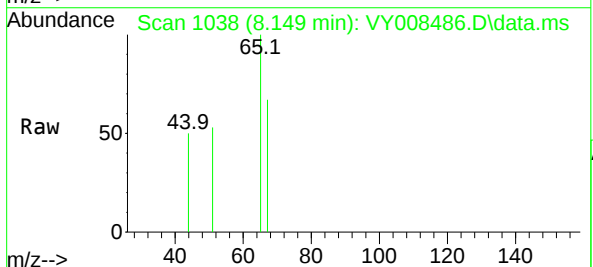
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-11

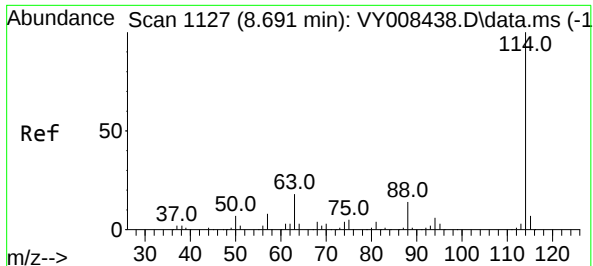
Tgt Ion:168 Resp: 120  
Ion Ratio Lower Upper  
168 100  
99 0.0 46.9 70.3#



#33  
1,2-Dichloroethane-d4  
Concen: 134.566 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.007 min  
Lab File: VY008486.D  
Acq: 25 Apr 2022 16:50

Tgt Ion: 65 Resp: 190  
Ion Ratio Lower Upper  
65 100  
67 25.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008486.D

Acq: 25 Apr 2022 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

TP-11

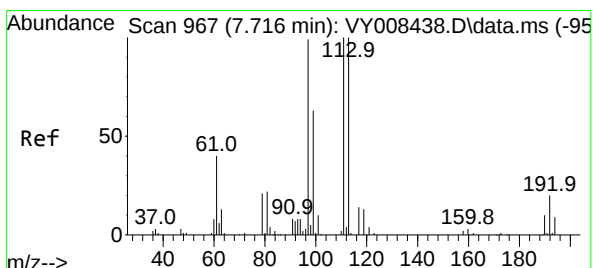
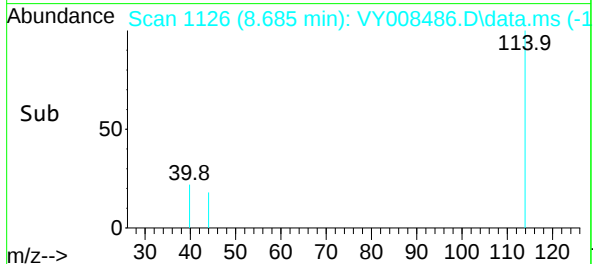
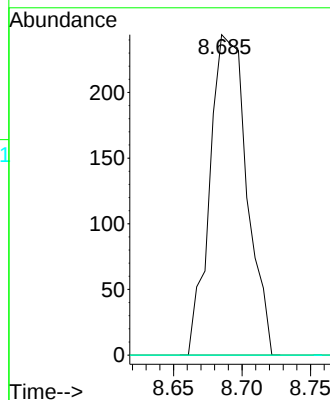
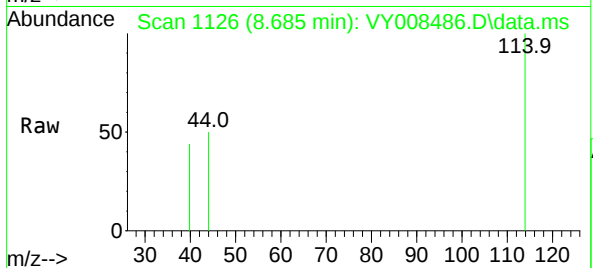
Tgt Ion:114 Resp: 460

Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 0.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 15.495 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY008486.D

Acq: 25 Apr 2022 16:50

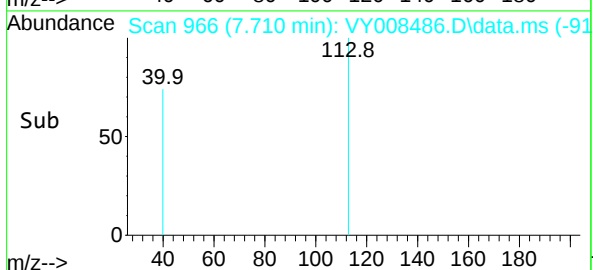
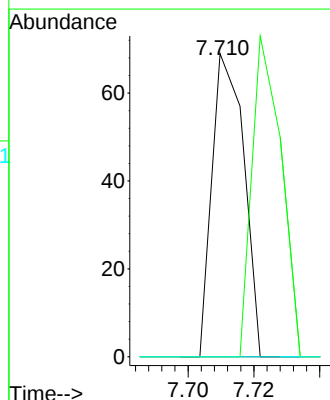
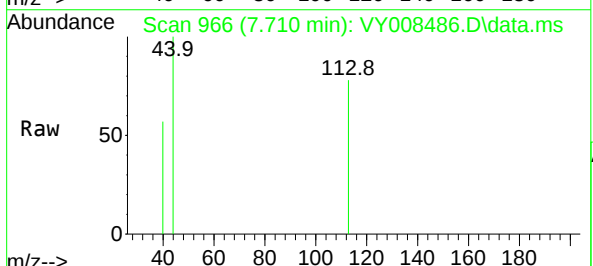
Tgt Ion:113 Resp: 46

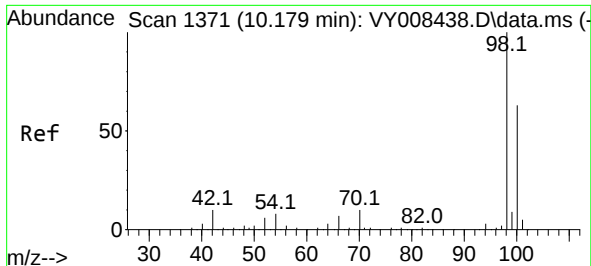
Ion Ratio Lower Upper

113 100

111 97.8 82.6 124.0

192 0.0 17.6 26.4#

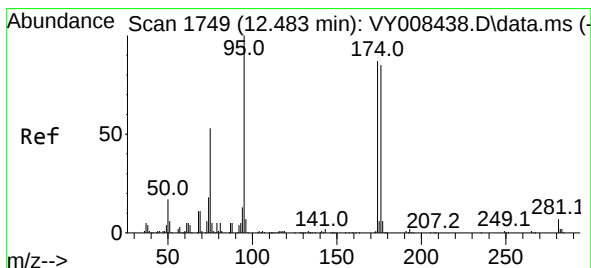
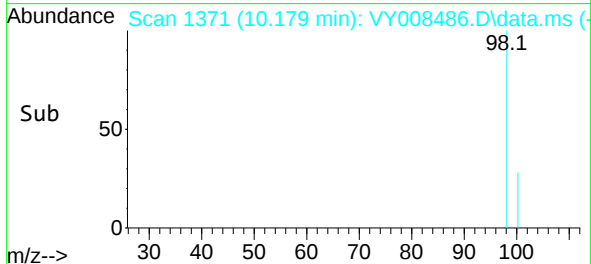
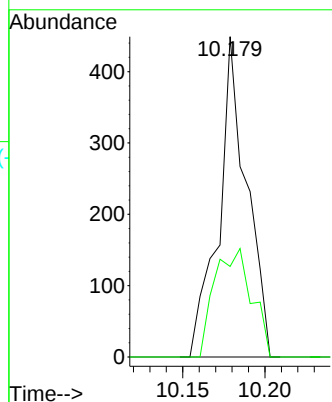
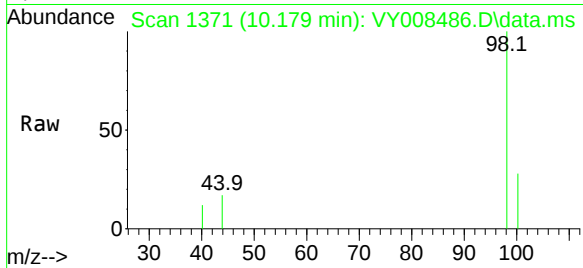




#50  
Toluene-d8  
Concen: 45.104 ug/l  
RT: 10.179 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY008486.D  
Acq: 25 Apr 2022 16:50

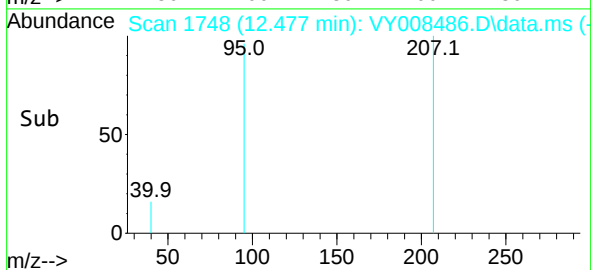
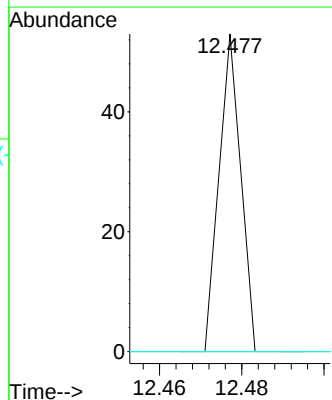
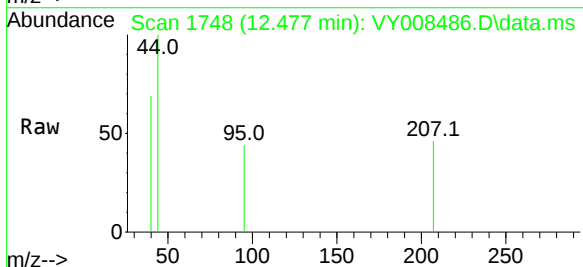
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-11

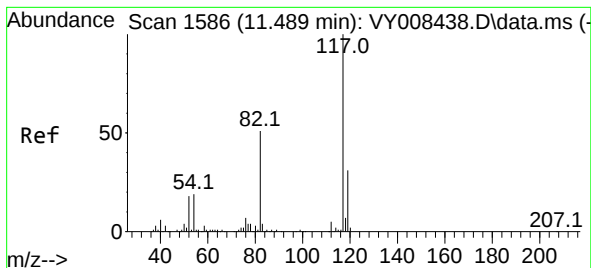
Tgt Ion: 98 Resp: 531  
Ion Ratio Lower Upper  
98 100  
100 45.0 50.2 75.2#



#62  
4-Bromofluorobenzene  
Concen: 4.753 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY008486.D  
Acq: 25 Apr 2022 16:50

Tgt Ion: 95 Resp: 19  
Ion Ratio Lower Upper  
95 100  
174 0.0 0.0 177.0  
176 0.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY008486.D

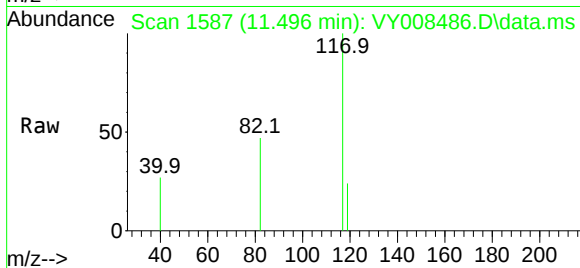
Acq: 25 Apr 2022 16:50

Instrument :

MSVOA\_Y

ClientSampleId :

TP-11



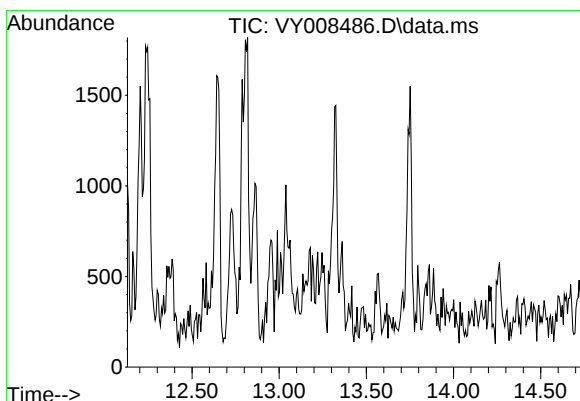
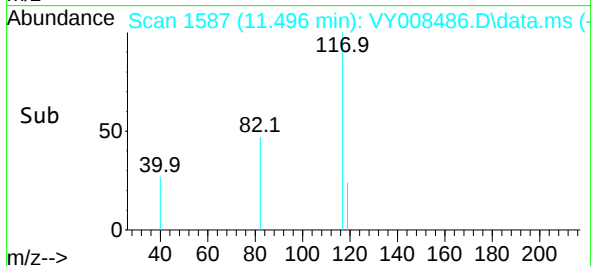
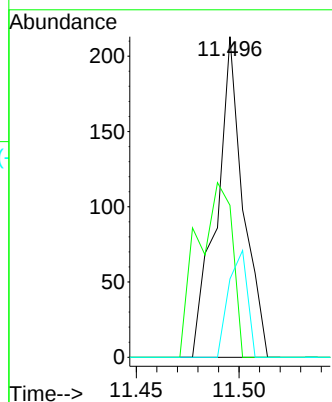
Tgt Ion:117 Resp: 191

Ion Ratio Lower Upper

117 100

82 47.4 43.0 64.4

119 24.4 25.4 38.0#



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.43 min

Lab File: VY008486.D

Acq: 25 Apr 2022 16:50

Tgt Ion: 152

Sig Exp Ratio

152 100

115 56.5

150 173.8

