

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY050422\  
 Data File : VY008612.D  
 Acq On : 04 May 2022 15:13  
 Operator : KP/MD  
 Sample : N2619-05  
 Misc : 5.11g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SS03-1-2-FT

Quant Time: May 05 04:35:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050222S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 03 01:57:20 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 74608    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 128502   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 135280   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 65906    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 40050    | 55.231   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 110.460% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 42190    | 49.618   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 99.240%  |
| 50) Toluene-d8              | 10.179 | 98    | 155535   | 51.631   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 103.260% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 56834    | 51.474   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 102.940% |

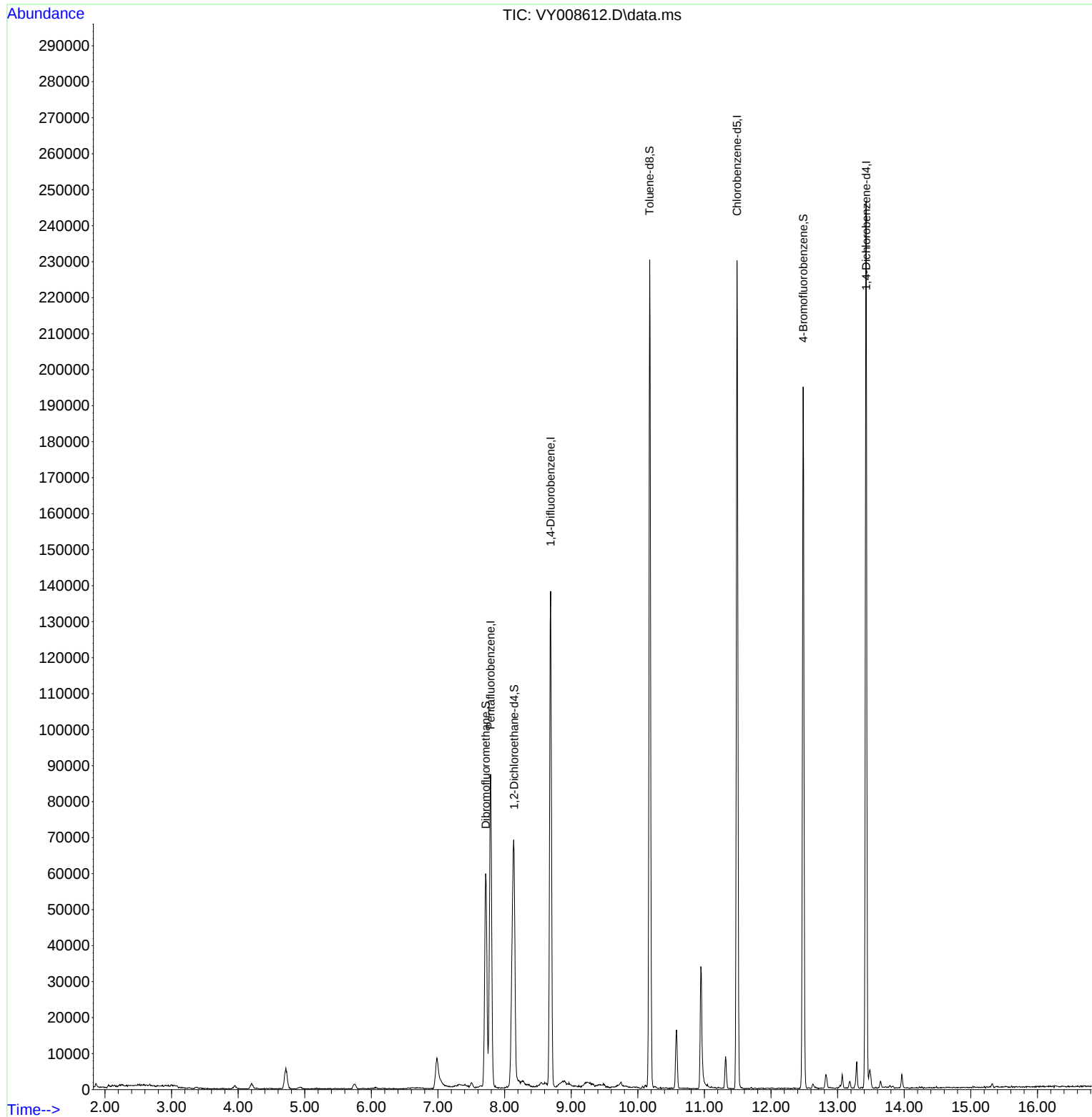
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

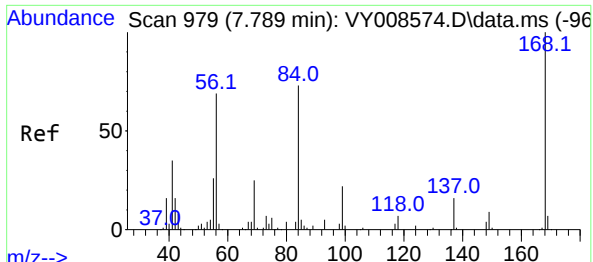
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY050422\  
Data File : VY008612.D  
Acq On : 04 May 2022 15:13  
Operator : KP/MD  
Sample : N2619-05  
Misc : 5.11g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SS03-1-2-FT

Quant Time: May 05 04:35:47 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050222S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 03 01:57:20 2022  
Response via : Initial Calibration

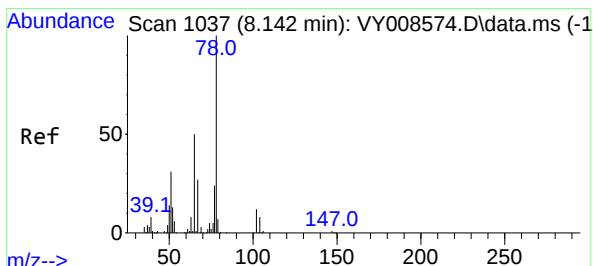
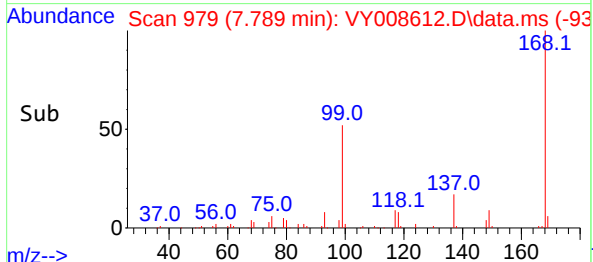
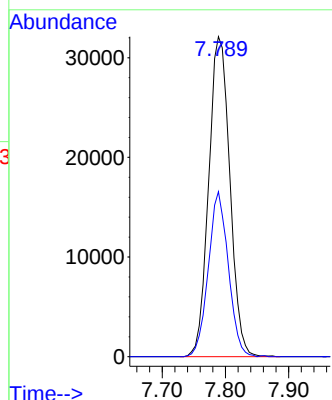
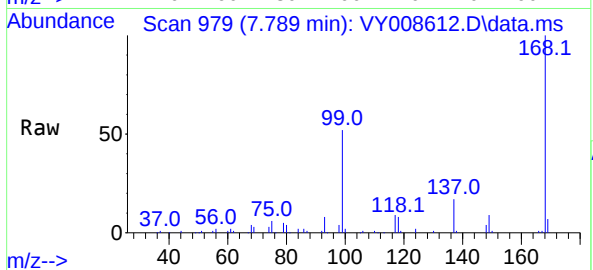




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY008612.D  
Acq: 04 May 2022 15:13

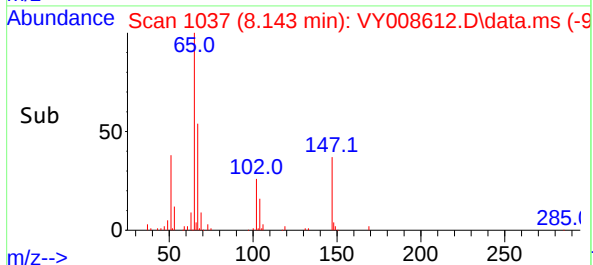
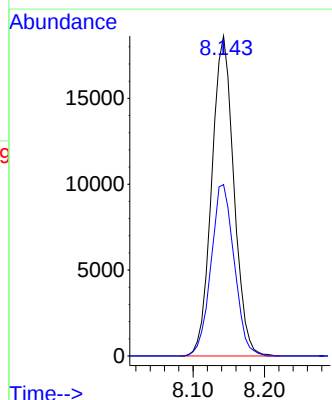
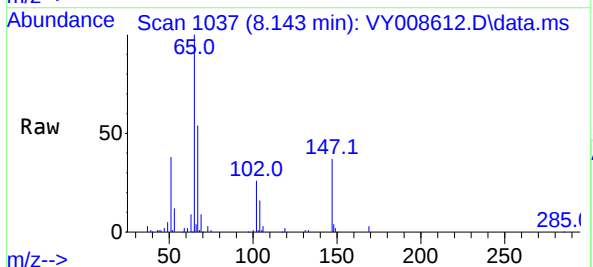
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SS03-1-2-FT

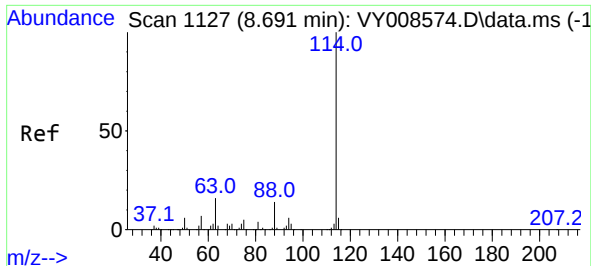
Tgt Ion:168 Resp: 74608  
Ion Ratio Lower Upper  
168 100  
99 51.5 46.9 70.3



#33  
1,2-Dichloroethane-d4  
Concen: 55.231 ug/l  
RT: 8.143 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VY008612.D  
Acq: 04 May 2022 15:13

Tgt Ion: 65 Resp: 40050  
Ion Ratio Lower Upper  
65 100  
67 56.2 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: VY008612.D

Acq: 04 May 2022 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

SS03-1-2-FT

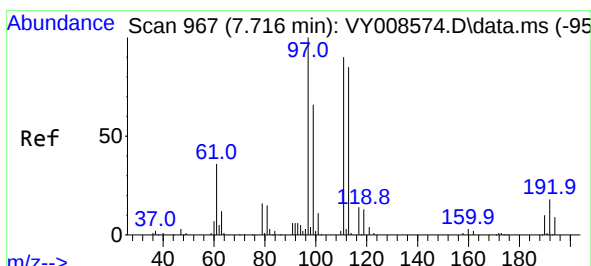
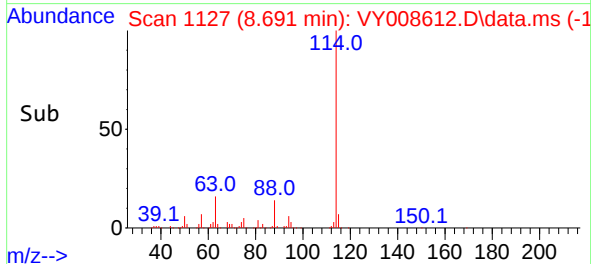
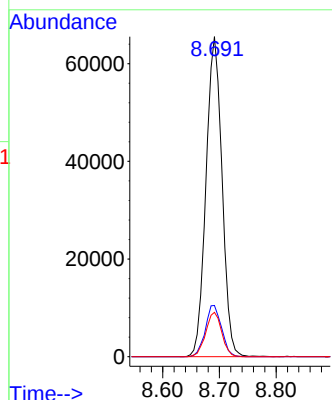
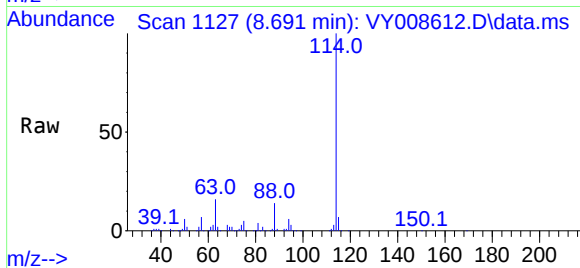
Tgt Ion:114 Resp: 128502

Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.618 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008612.D

Acq: 04 May 2022 15:13

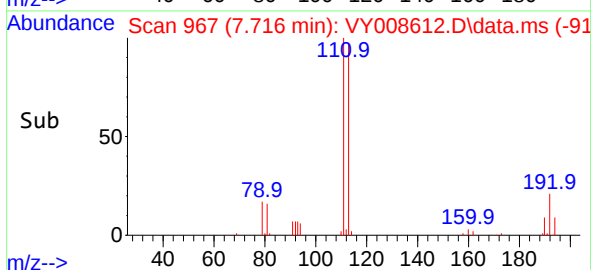
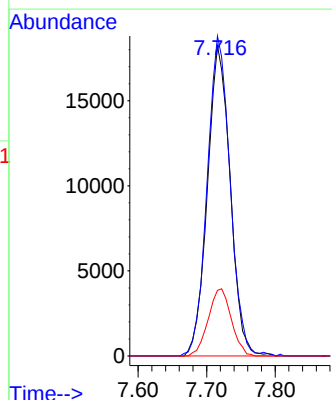
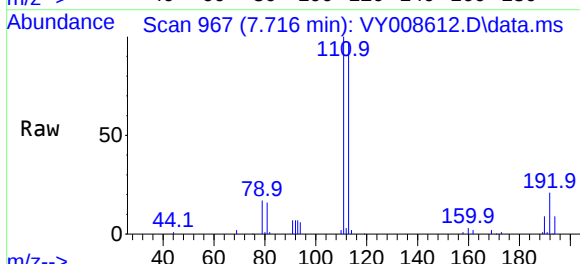
Tgt Ion:113 Resp: 42190

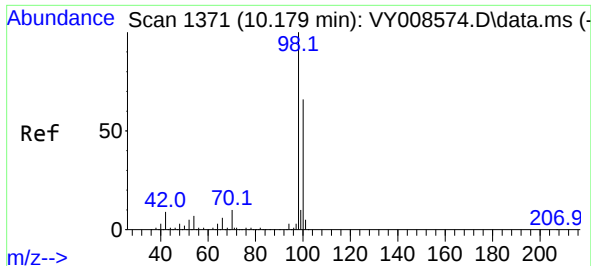
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 21.9 17.6 26.4

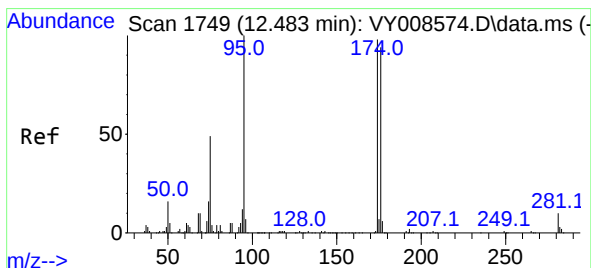
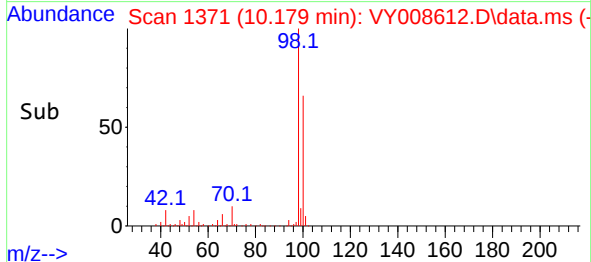
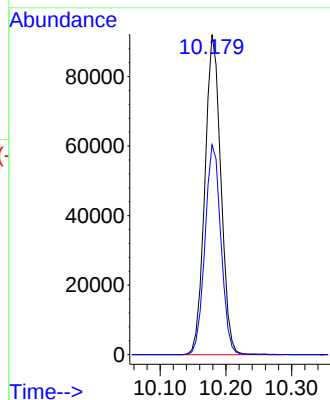
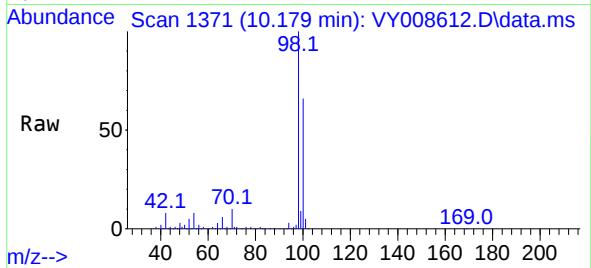




#50  
Toluene-d8  
Concen: 51.631 ug/l  
RT: 10.179 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008612.D  
Acq: 04 May 2022 15:13

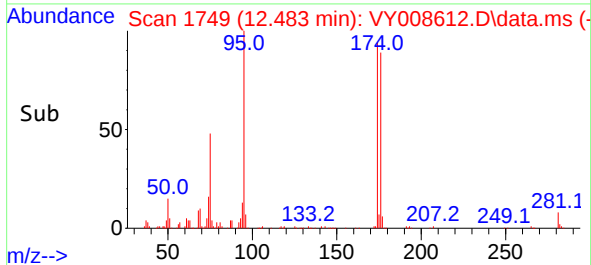
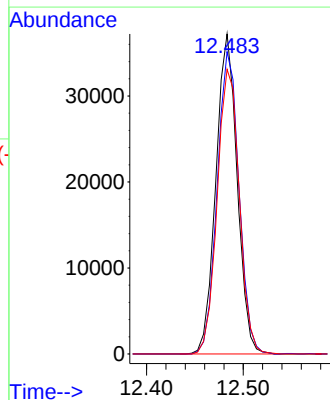
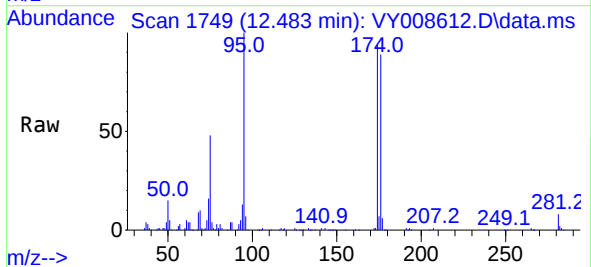
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SS03-1-2-FT

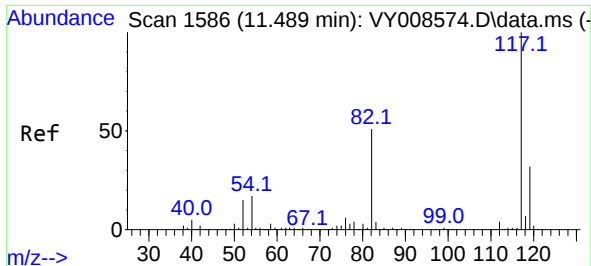
Tgt Ion: 98 Resp: 155535  
Ion Ratio Lower Upper  
98 100  
100 65.5 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 51.474 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY008612.D  
Acq: 04 May 2022 15:13

Tgt Ion: 95 Resp: 56834  
Ion Ratio Lower Upper  
95 100  
174 96.6 0.0 177.0  
176 92.3 0.0 175.8

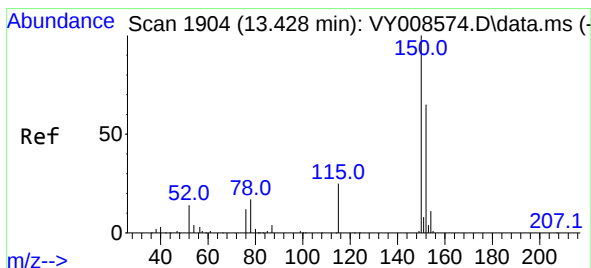
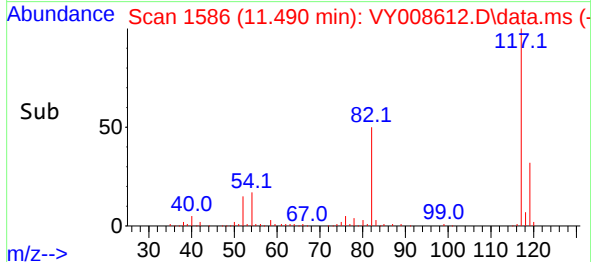
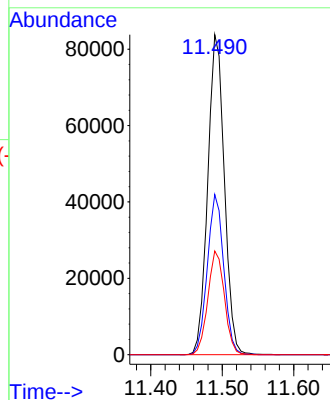
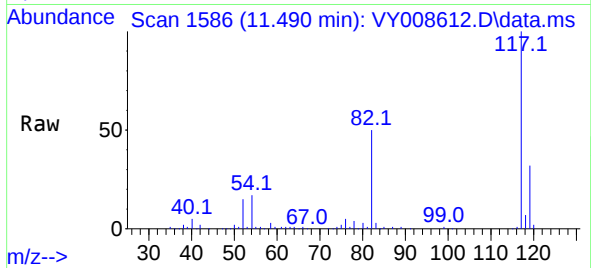




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008612.D  
Acq: 04 May 2022 15:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SS03-1-2-FT

Tgt Ion:117 Resp: 135280  
Ion Ratio Lower Upper  
117 100  
82 50.1 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: VY008612.D  
Acq: 04 May 2022 15:13

Tgt Ion:152 Resp: 65906  
Ion Ratio Lower Upper  
152 100  
115 55.2 28.2 84.7  
150 156.0 0.0 347.6

