

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012323\  
 Data File : VY012327.D  
 Acq On : 23 Jan 2023 20:29  
 Operator : KP/MD  
 Sample : 01243-05  
 Misc : 6.60g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TJRC-011923-B4-20-30

Quant Time: Jan 24 01:31:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011623S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 04:31:47 2023  
 Response via : Initial Calibration

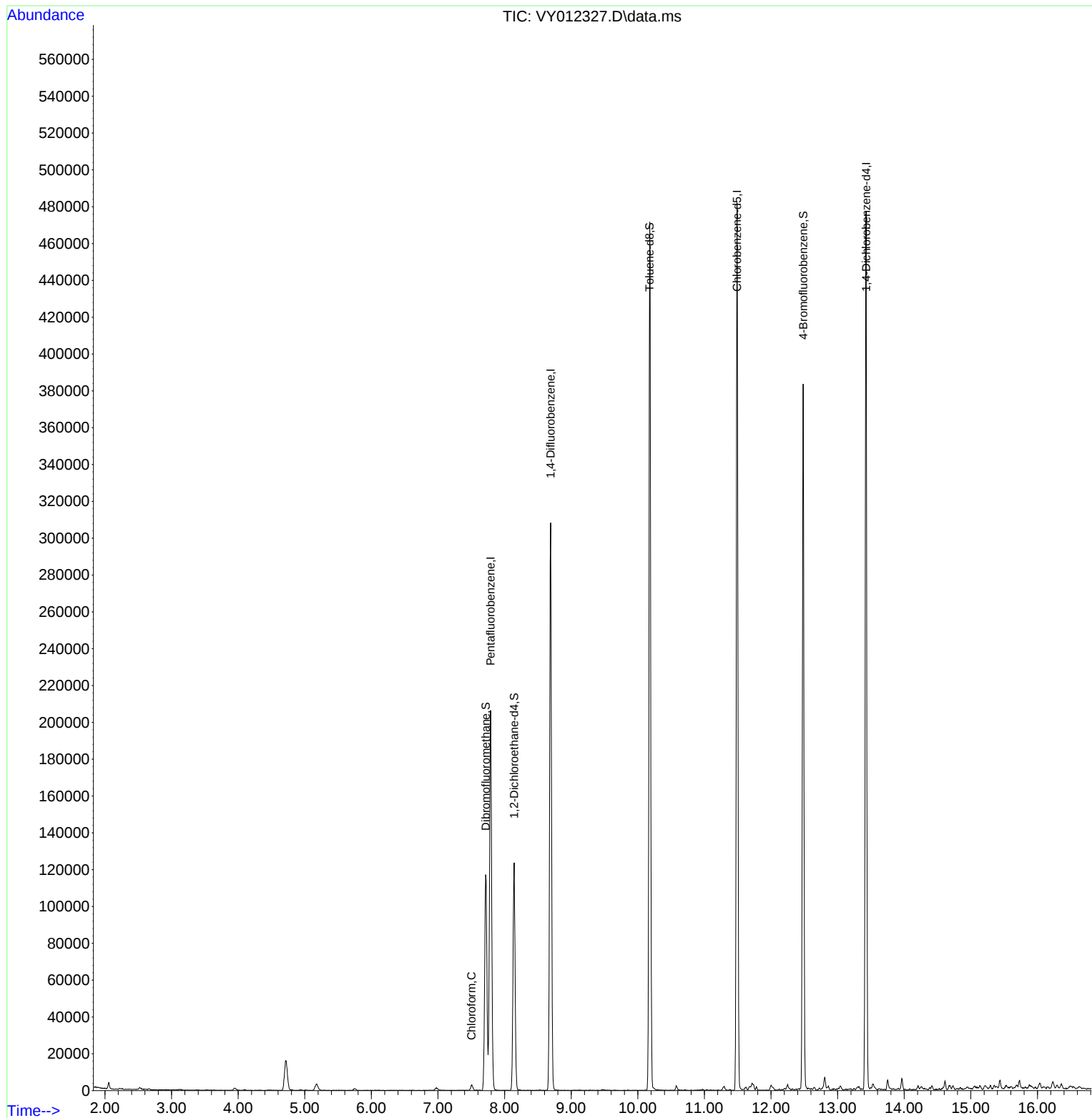
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.789  | 168   | 157813   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 267876   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 264002   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 127447   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 101297   | 79.781   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 159.560% |          |
| 35) Dibromofluoromethane    | 7.716  | 113   | 79807    | 56.265   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 112.540% |          |
| 50) Toluene-d8              | 10.179 | 98    | 319406   | 66.415   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 132.820% |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 110082   | 55.054   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 110.100% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 30) Chloroform              | 7.502  | 83    | 3065     | 1.048    | ug/l       | 96       |
| -----                       |        |       |          |          |            |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012323\  
Data File : VY012327.D  
Acq On : 23 Jan 2023 20:29  
Operator : KP/MD  
Sample : 01243-05  
Misc : 6.60g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TJRC-011923-B4-20-30

Quant Time: Jan 24 01:31:06 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011623S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 17 04:31:47 2023  
Response via : Initial Calibration

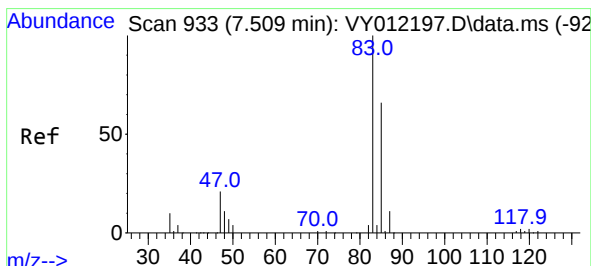
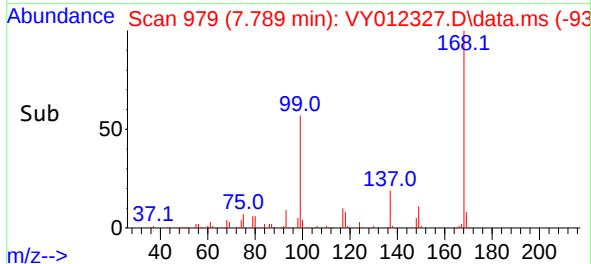
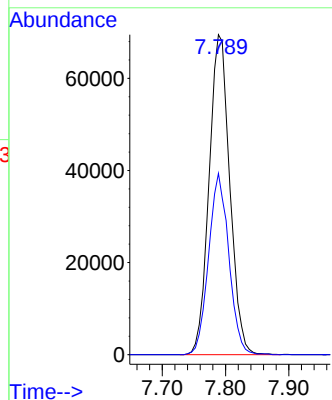
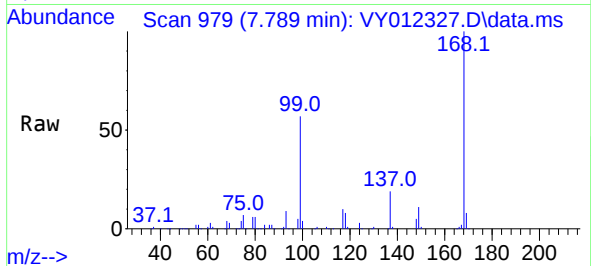




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY012327.D  
Acq: 23 Jan 2023 20:29

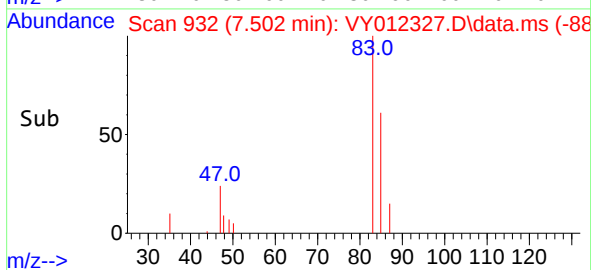
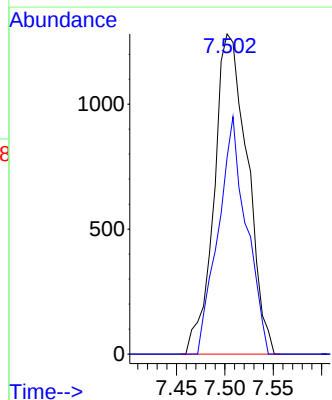
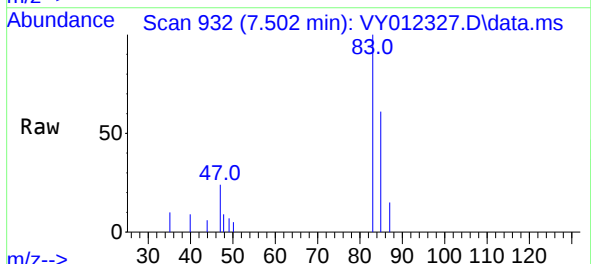
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TJRC-011923-B4-20-30

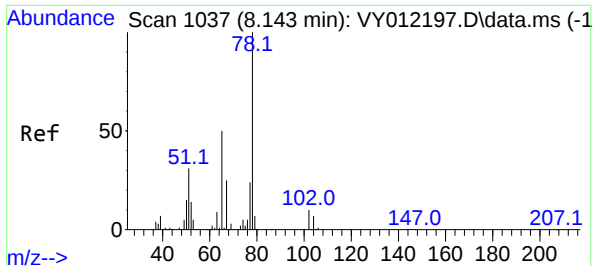
Tgt Ion:168 Resp: 157813  
Ion Ratio Lower Upper  
168 100  
99 56.7 44.0 66.0



#30  
Chloroform  
Concen: 1.048 ug/l  
RT: 7.502 min Scan# 932  
Delta R.T. -0.001 min  
Lab File: VY012327.D  
Acq: 23 Jan 2023 20:29

Tgt Ion: 83 Resp: 3065  
Ion Ratio Lower Upper  
83 100  
85 61.4 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 79.781 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012327.D

Acq: 23 Jan 2023 20:29

Instrument :

MSVOA\_Y

ClientSampleId :

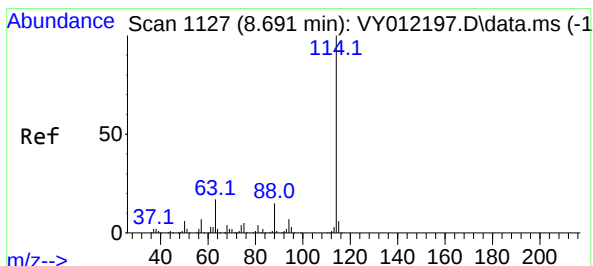
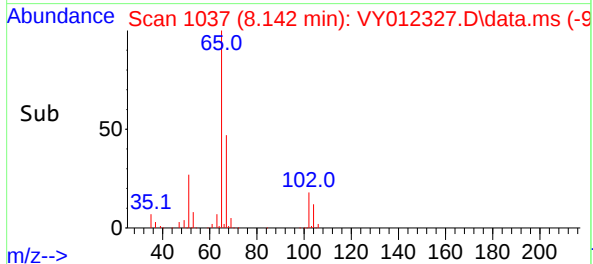
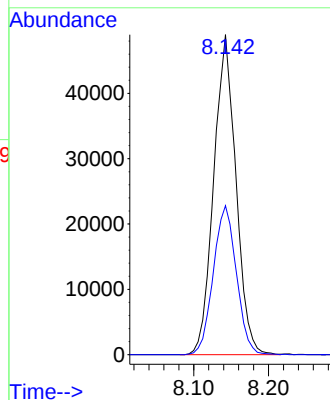
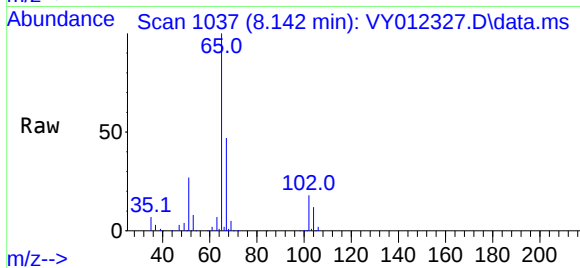
TJRC-011923-B4-20-30

Tgt Ion: 65 Resp: 101297

Ion Ratio Lower Upper

65 100

67 48.4 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012327.D

Acq: 23 Jan 2023 20:29

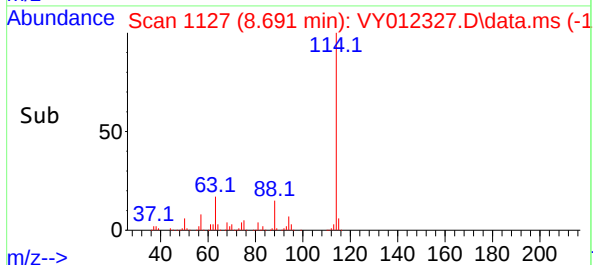
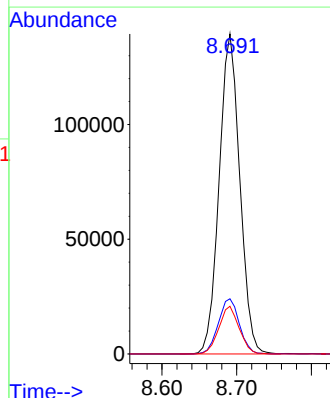
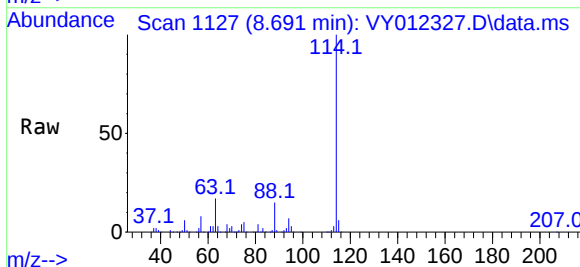
Tgt Ion:114 Resp: 267876

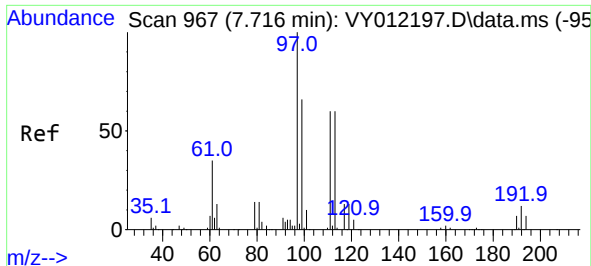
Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 56.265 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY012327.D

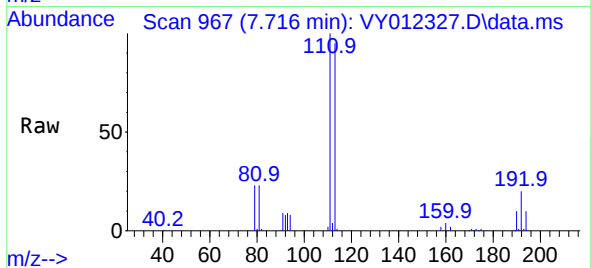
Acq: 23 Jan 2023 20:29

Instrument :

MSVOA\_Y

ClientSampleId :

TJRC-011923-B4-20-30



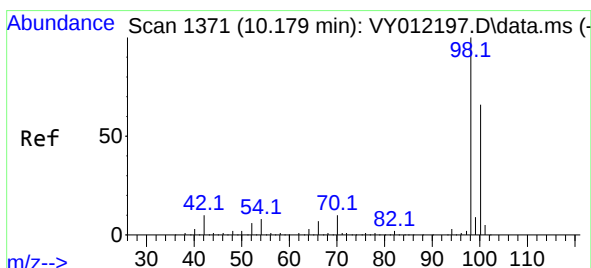
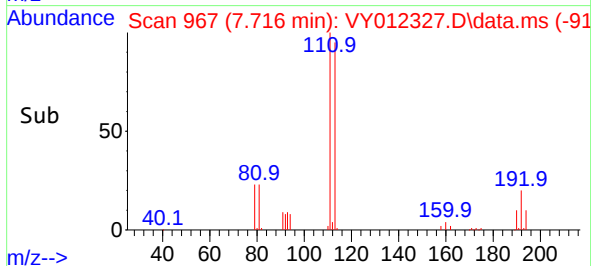
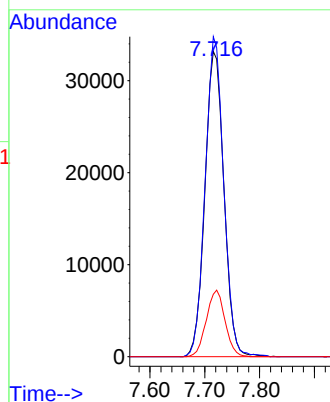
Tgt Ion:113 Resp: 79807

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

192 21.4 16.0 24.0



#50

Toluene-d8

Concen: 66.415 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012327.D

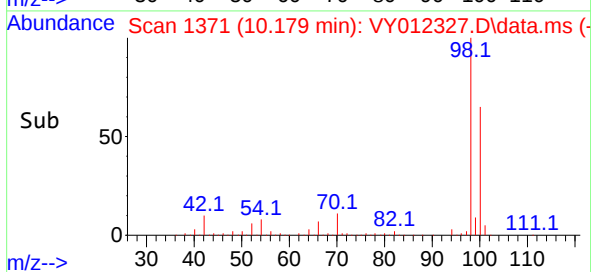
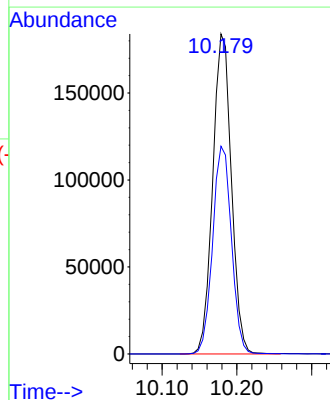
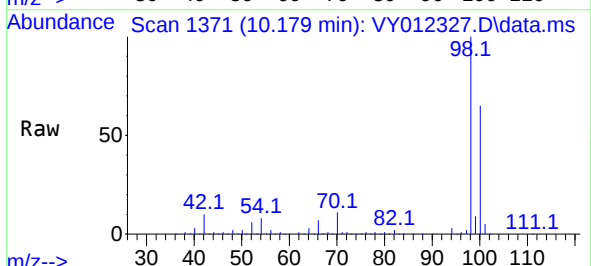
Acq: 23 Jan 2023 20:29

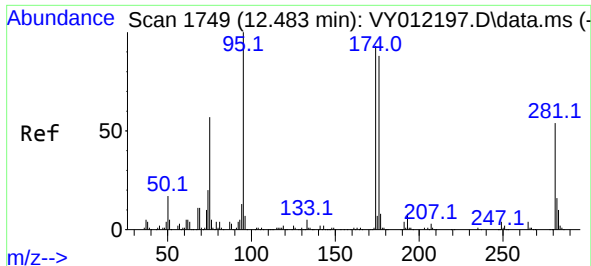
Tgt Ion: 98 Resp: 319406

Ion Ratio Lower Upper

98 100

100 65.5 51.9 77.9

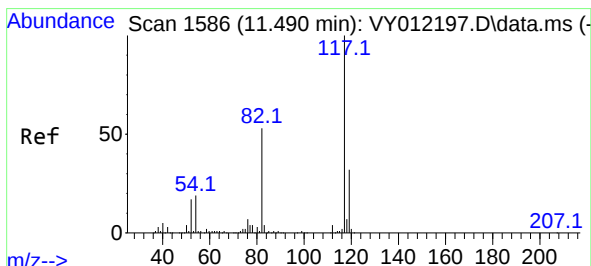
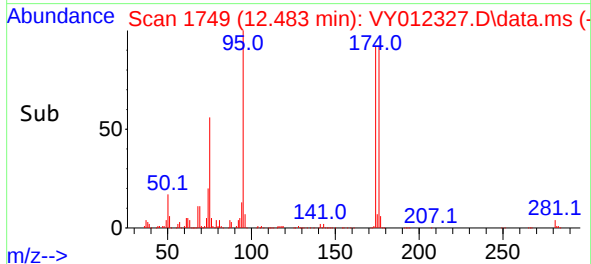
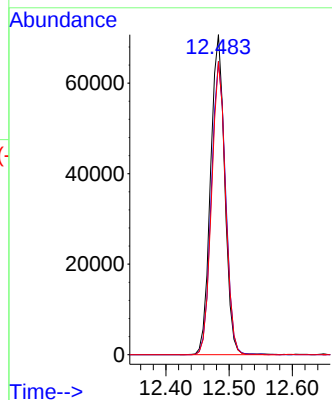
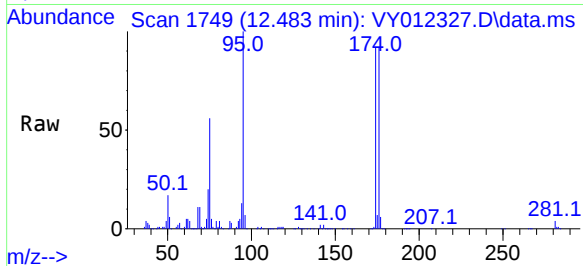




#62  
4-Bromofluorobenzene  
Concen: 55.054 ug/l  
RT: 12.483 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY012327.D  
Acq: 23 Jan 2023 20:29

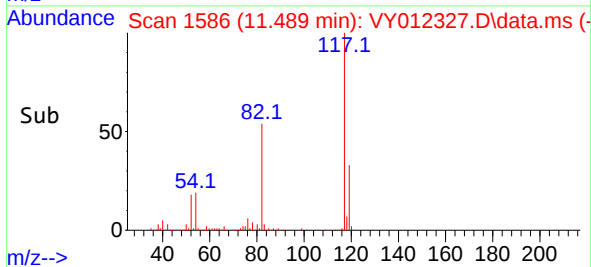
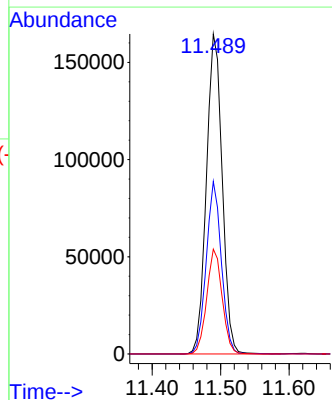
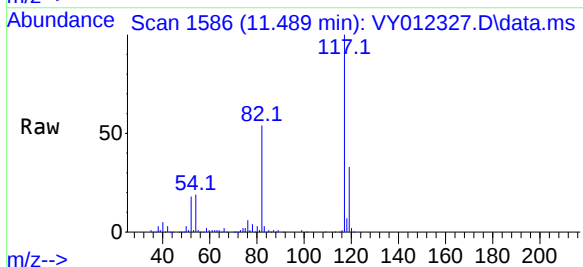
Instrument :  
MSVOA\_Y  
ClientSampleId :  
TJRC-011923-B4-20-30

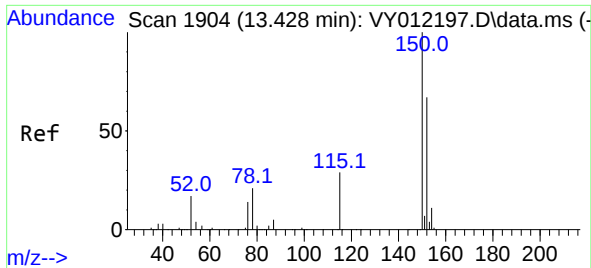
Tgt Ion: 95 Resp: 110082  
Ion Ratio Lower Upper  
95 100  
174 92.2 0.0 172.0  
176 89.9 0.0 167.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.001 min  
Lab File: VY012327.D  
Acq: 23 Jan 2023 20:29

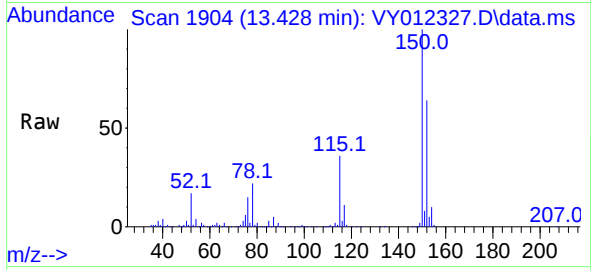
Tgt Ion: 117 Resp: 264002  
Ion Ratio Lower Upper  
117 100  
82 53.9 44.8 67.2  
119 32.8 25.4 38.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. 0.006 min  
 Lab File: VY012327.D  
 Acq: 23 Jan 2023 20:29

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TJRC-011923-B4-20-30



Tgt Ion:152 Resp: 127447  
 Ion Ratio Lower Upper  
 152 100  
 115 57.6 29.1 87.3  
 150 156.6 0.0 342.6

