

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012261.D
 Acq On : 19 Jan 2023 13:27
 Operator : KP/MD
 Sample : 01214-01
 Misc : 6.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011723-B3-0-10

Quant Time: Jan 20 03:23:36 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	197492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	320526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	296579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130327	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	112356	70.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.460%
35) Dibromofluoromethane	7.716	113	94034	55.406	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.820%
50) Toluene-d8	10.179	98	380647	66.128	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	132.260%
62) 4-Bromofluorobenzene	12.483	95	119793	50.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.140%

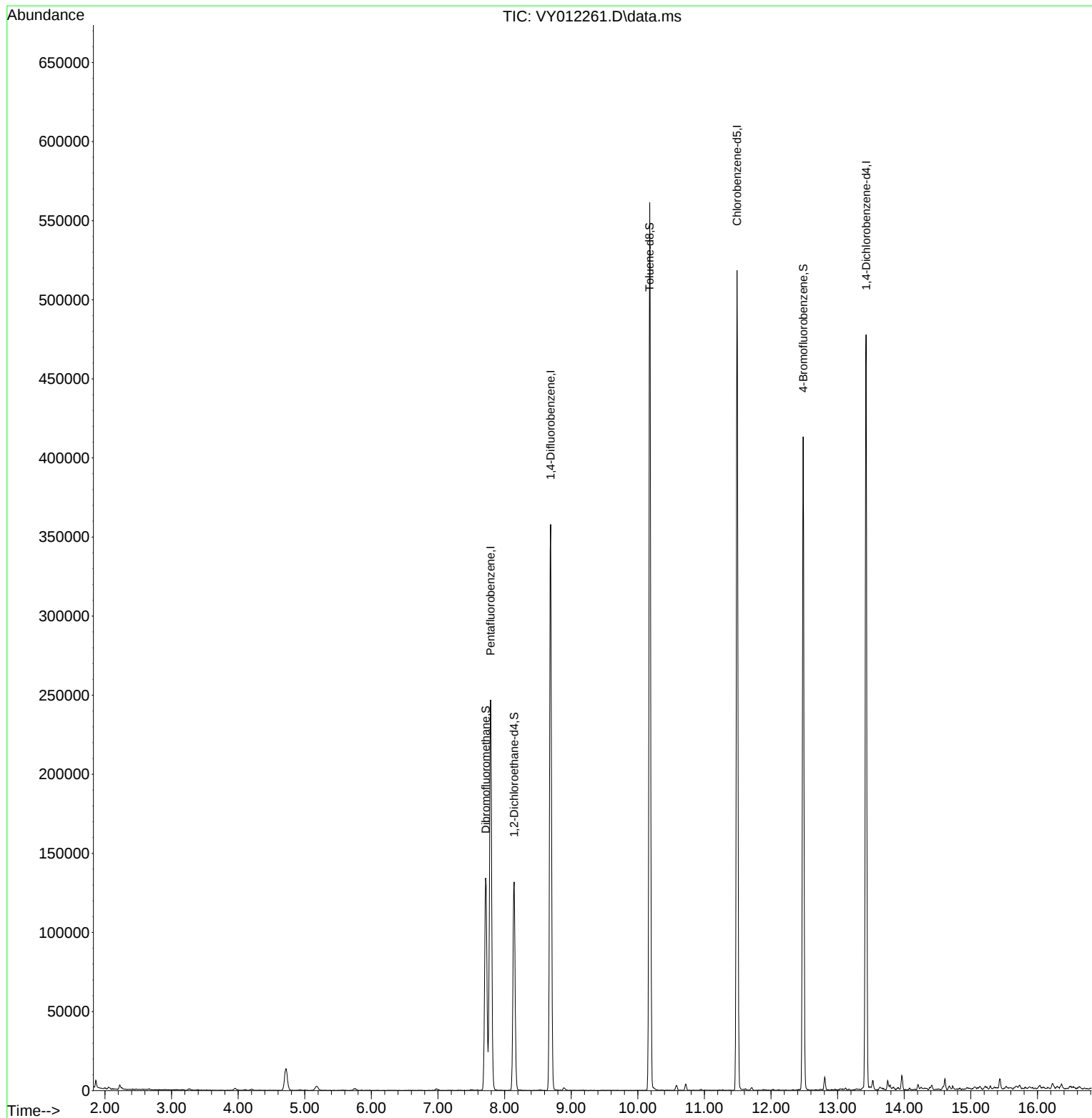
Target Compounds	Qvalue

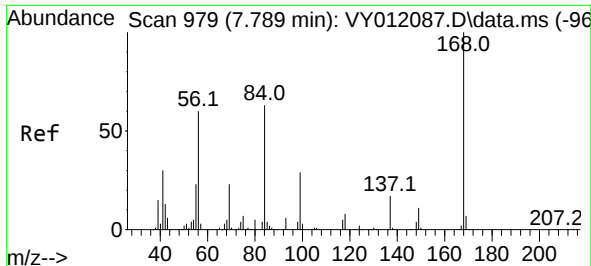
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
Data File : VY012261.D
Acq On : 19 Jan 2023 13:27
Operator : KP/MD
Sample : 01214-01
Misc : 6.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10

Quant Time: Jan 20 03:23:36 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

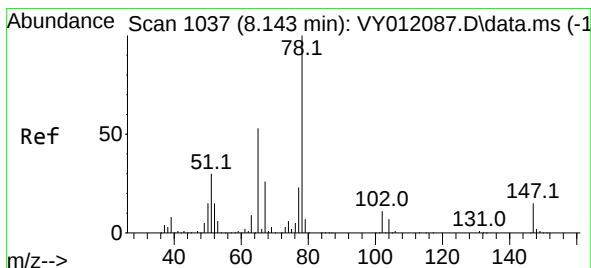
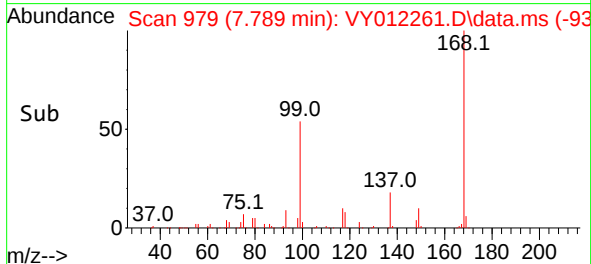
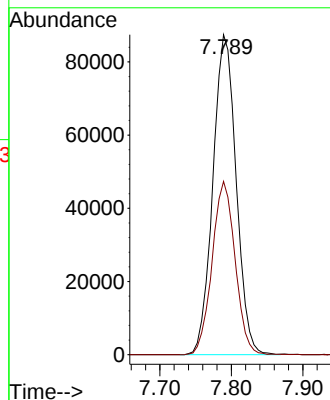
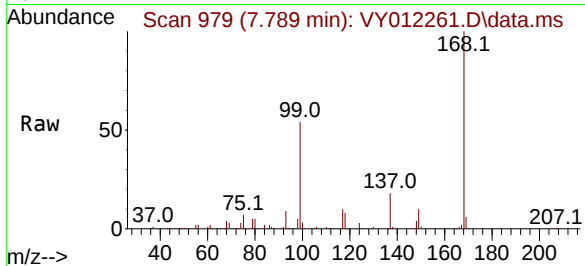




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

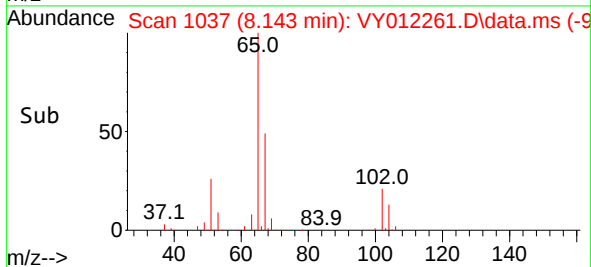
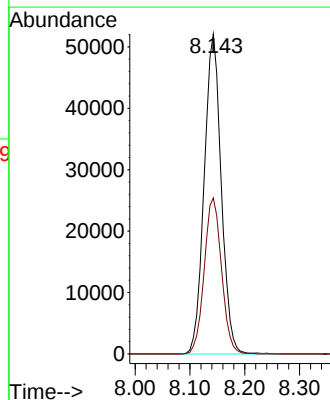
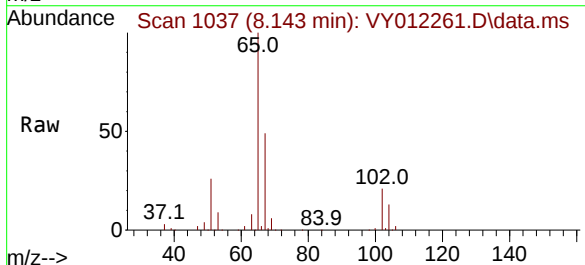
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10

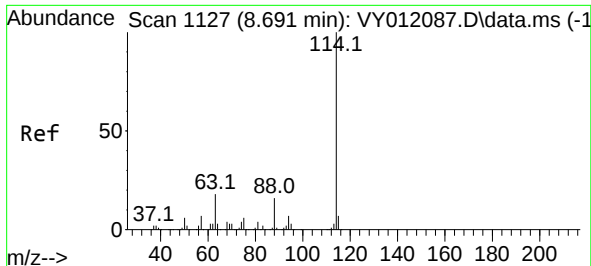
Tgt Ion:168 Resp: 197492
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 70.227 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

Tgt Ion: 65 Resp: 112356
Ion Ratio Lower Upper
65 100
67 49.4 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: VY012261.D

Acq: 19 Jan 2023 13:27

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-011723-B3-0-10

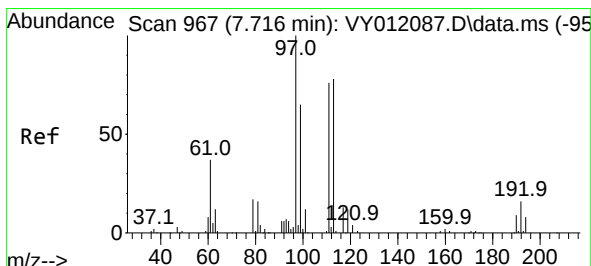
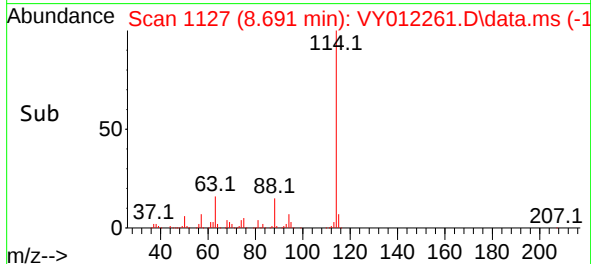
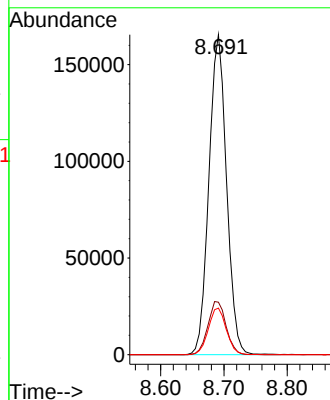
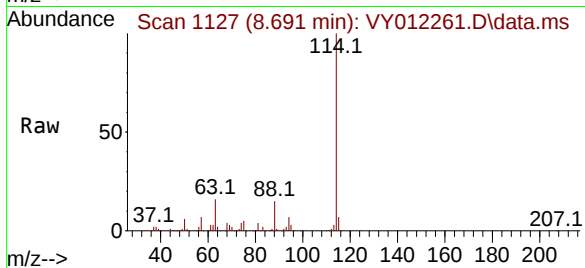
Tgt Ion:114 Resp: 320526

Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.6

88 14.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.406 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012261.D

Acq: 19 Jan 2023 13:27

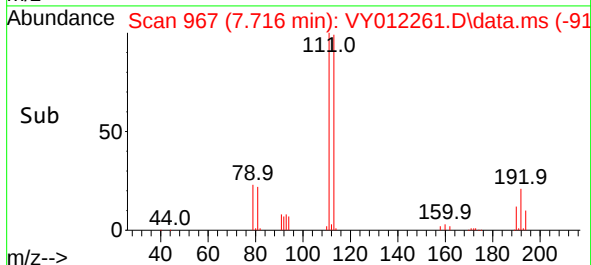
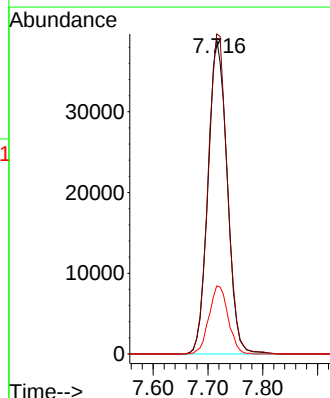
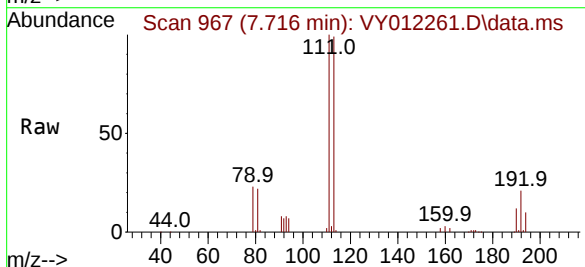
Tgt Ion:113 Resp: 94034

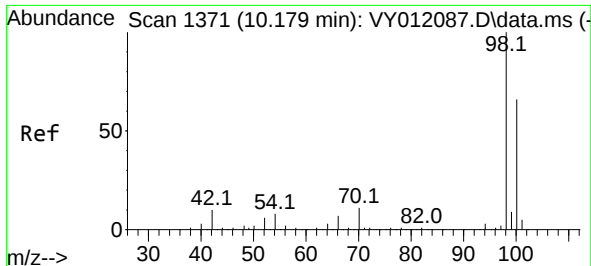
Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

192 21.6 16.0 24.0

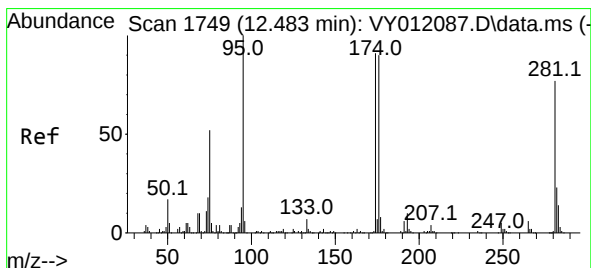
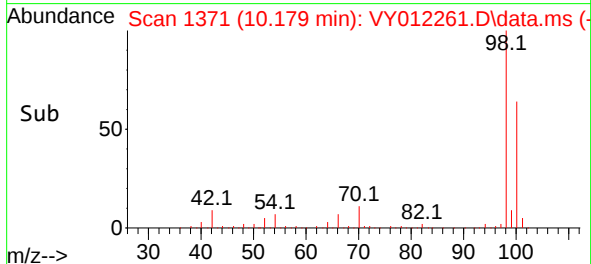
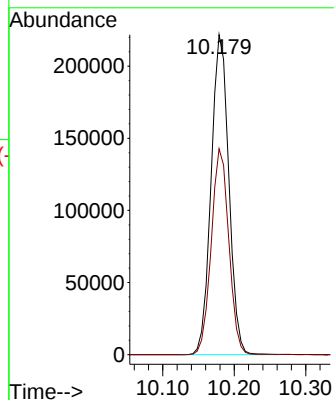
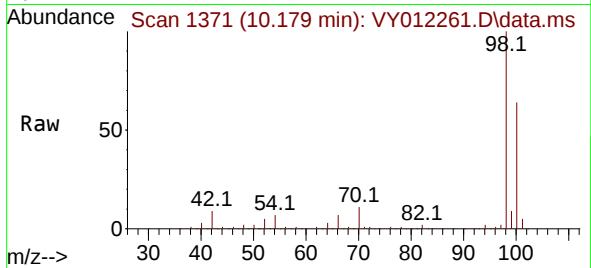




#50
Toluene-d8
Concen: 66.128 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

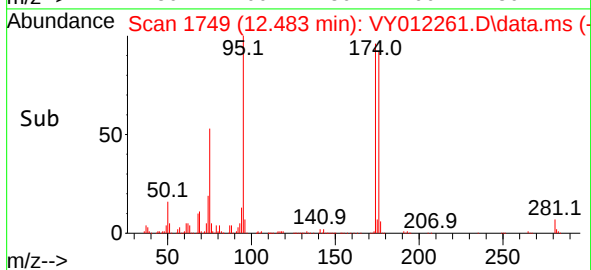
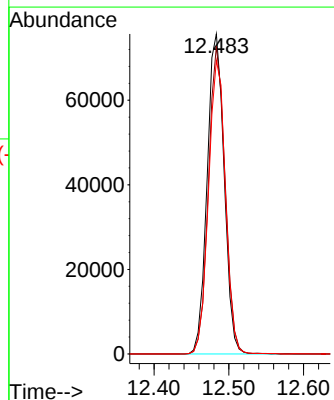
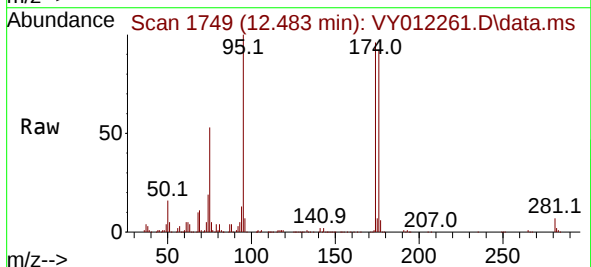
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10

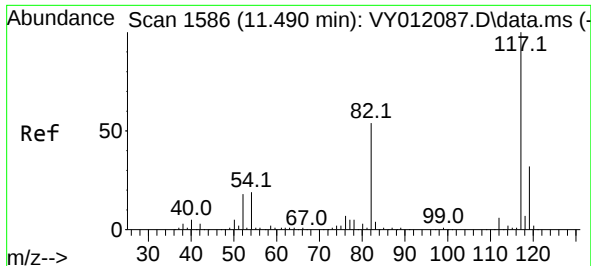
Tgt Ion: 98 Resp: 380647
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.070 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

Tgt Ion: 95 Resp: 119793
Ion Ratio Lower Upper
95 100
174 94.4 0.0 172.0
176 91.7 0.0 167.6

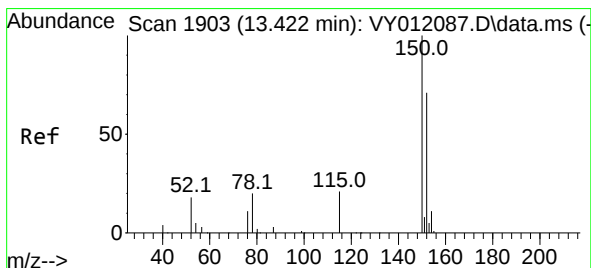
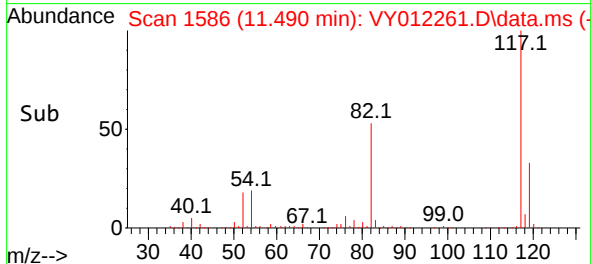
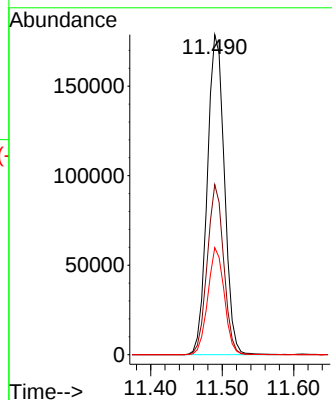
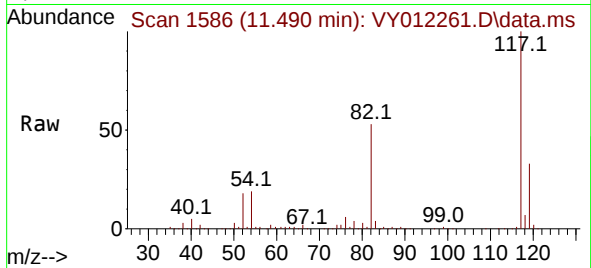




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10

Tgt Ion:117 Resp: 296579
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 33.4 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: VY012261.D
Acq: 19 Jan 2023 13:27

Tgt Ion:152 Resp: 130327
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 157.2 0.0 342.6

