

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011637.D
 Acq On : 30 Nov 2022 13:42
 Operator : KP/MD
 Sample : N5809-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOWE-DRUM-B-1129

Quant Time: Dec 01 05:23:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	93109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	162550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	150096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57859	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58562	61.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.880%
35) Dibromofluoromethane	7.716	113	54925	54.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.780%
50) Toluene-d8	10.179	98	199310	54.812	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.620%
62) 4-Bromofluorobenzene	12.483	95	55441	41.237	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.480%

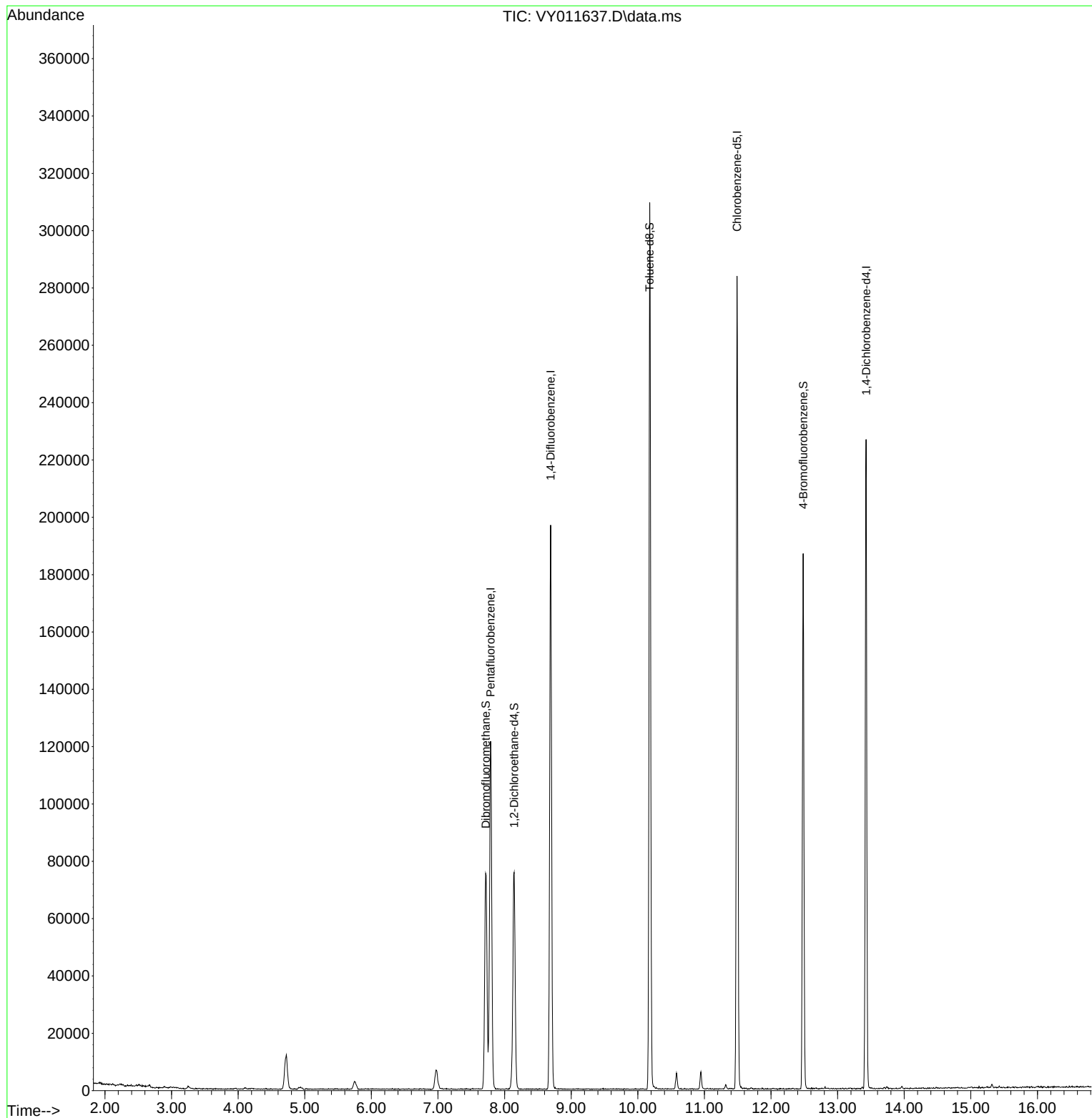
Target Compounds	Qvalue

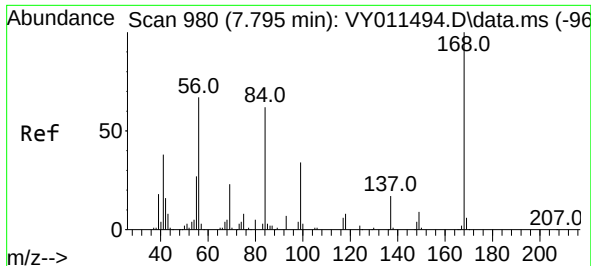
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
Data File : VY011637.D
Acq On : 30 Nov 2022 13:42
Operator : KP/MD
Sample : N5809-03
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129

Quant Time: Dec 01 05:23:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

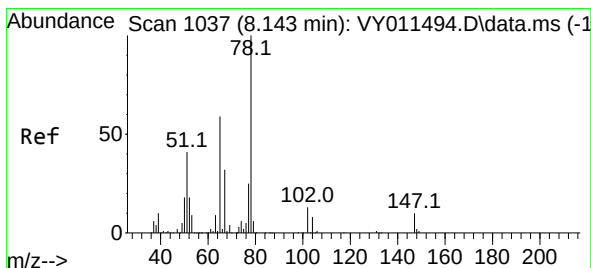
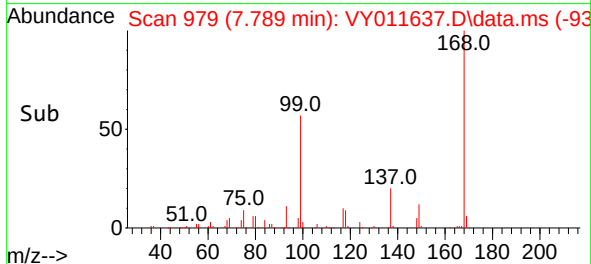
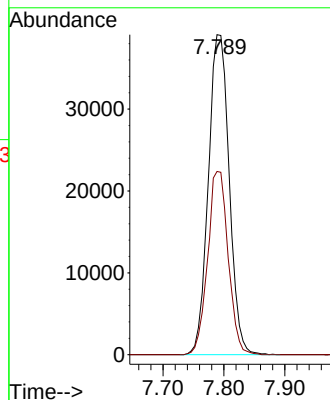
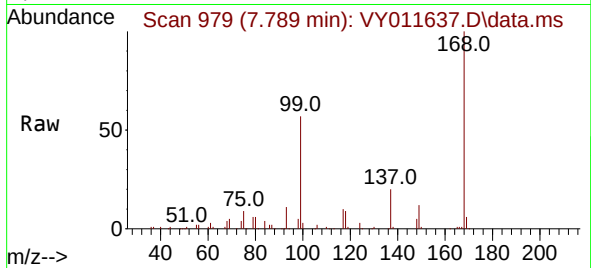




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011637.D
Acq: 30 Nov 2022 13:42

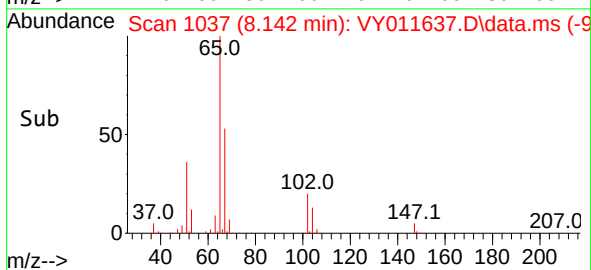
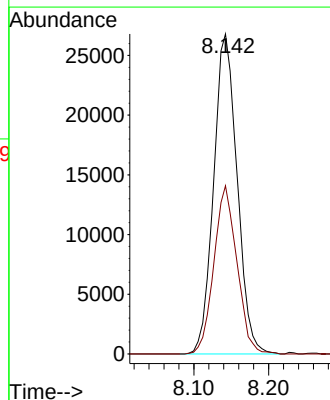
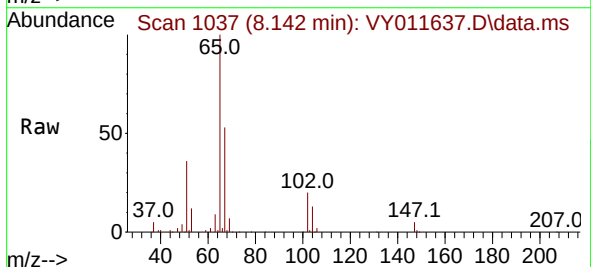
Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129

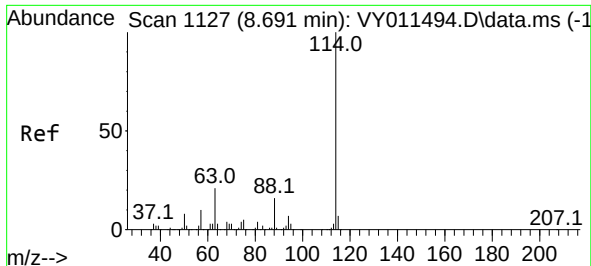
Tgt Ion:168 Resp: 93109
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.942 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011637.D
Acq: 30 Nov 2022 13:42

Tgt Ion: 65 Resp: 58562
Ion Ratio Lower Upper
65 100
67 51.5 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: VY011637.D

Acq: 30 Nov 2022 13:42

Instrument :

MSVOA_Y

ClientSampleId :

HOWE-DRUM-B-1129

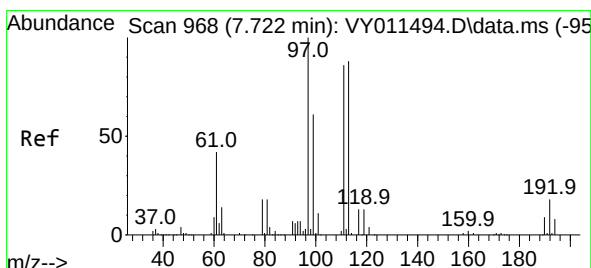
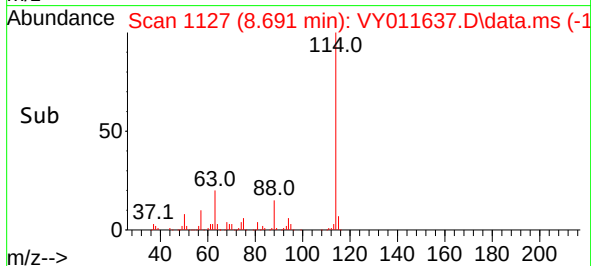
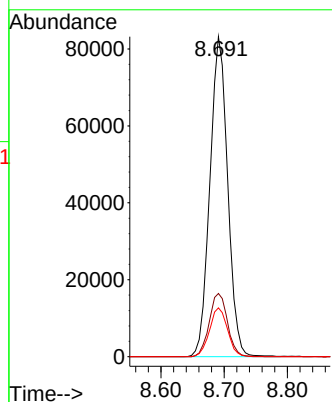
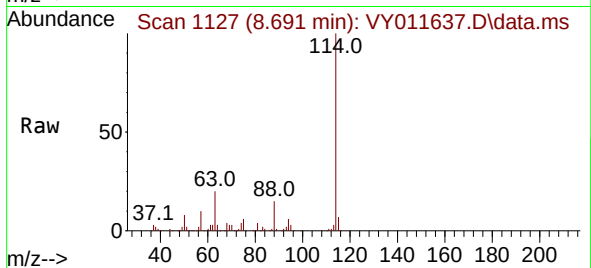
Tgt Ion:114 Resp: 162550

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.889 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011637.D

Acq: 30 Nov 2022 13:42

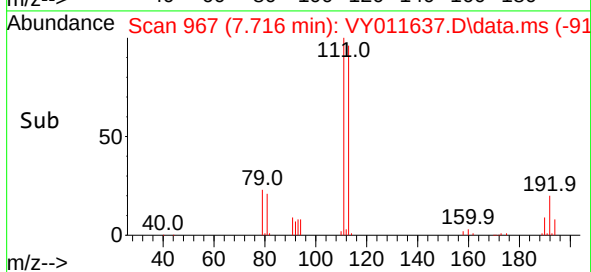
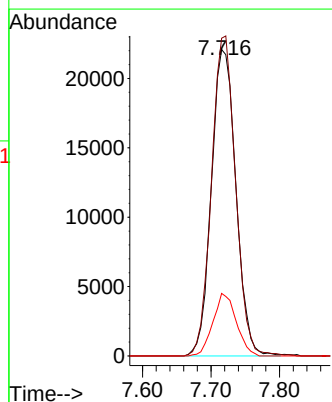
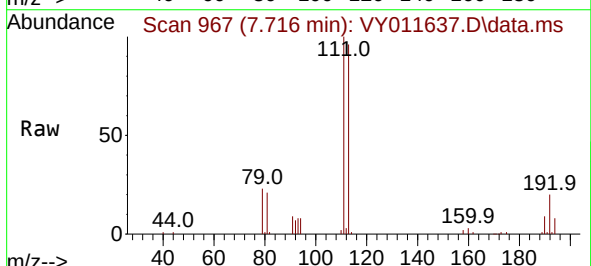
Tgt Ion:113 Resp: 54925

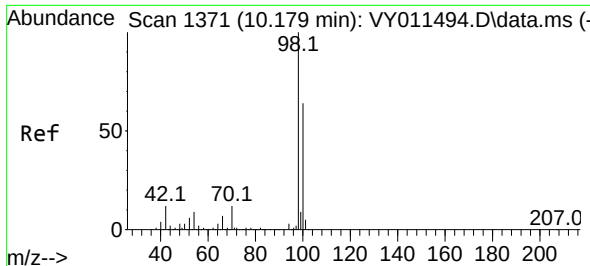
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.4 17.6 26.4

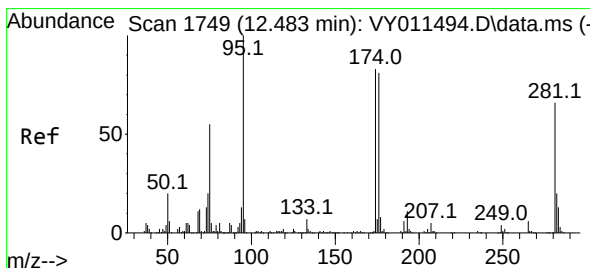
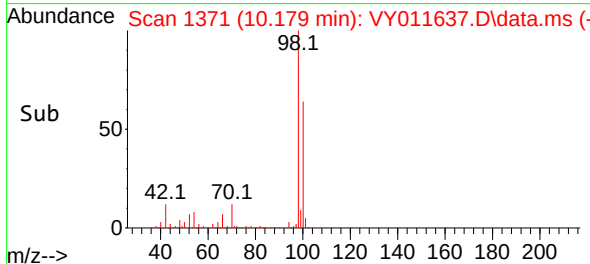
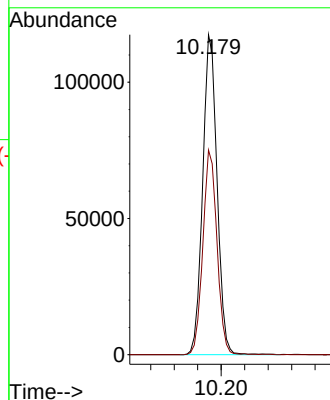
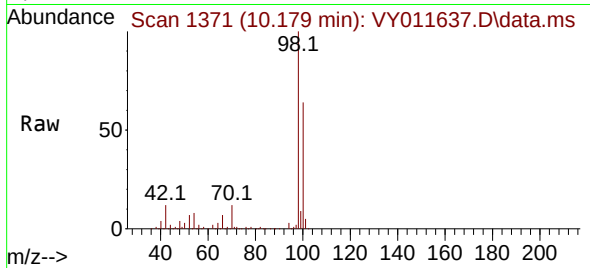




#50
Toluene-d8
Concen: 54.812 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011637.D
Acq: 30 Nov 2022 13:42

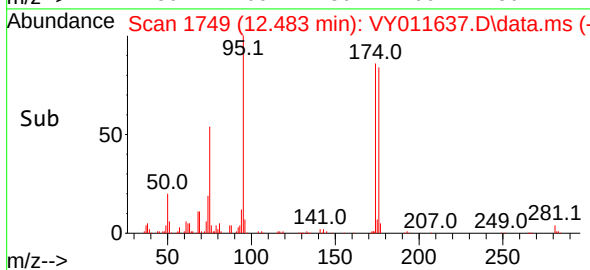
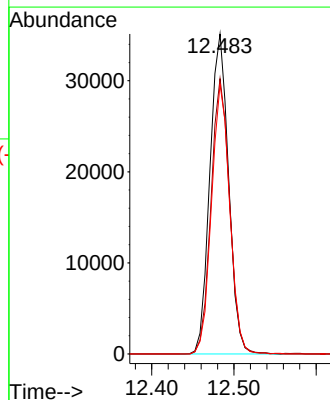
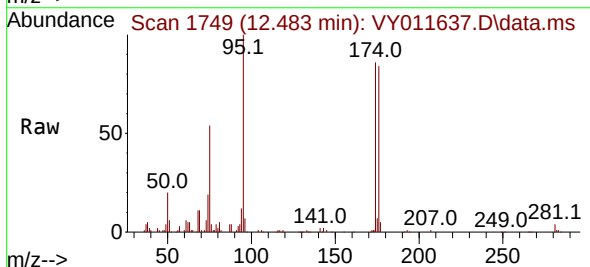
Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129

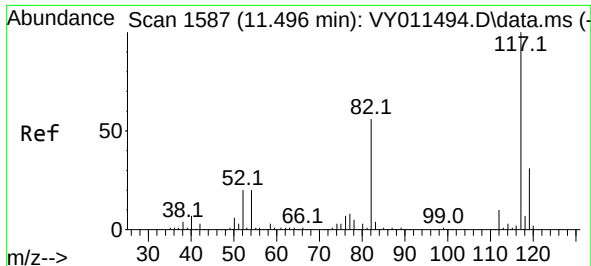
Tgt Ion: 98 Resp: 199310
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.237 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011637.D
Acq: 30 Nov 2022 13:42

Tgt Ion: 95 Resp: 55441
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.3 0.0 175.8

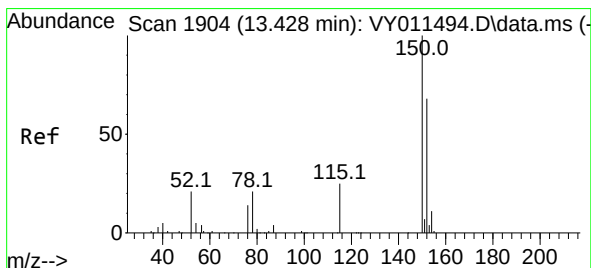
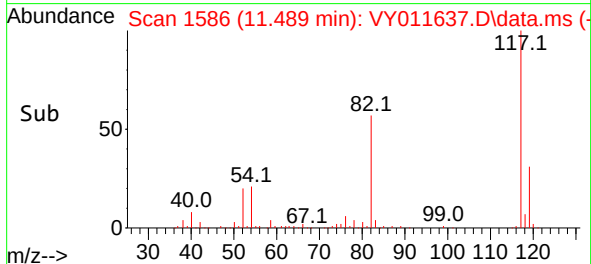
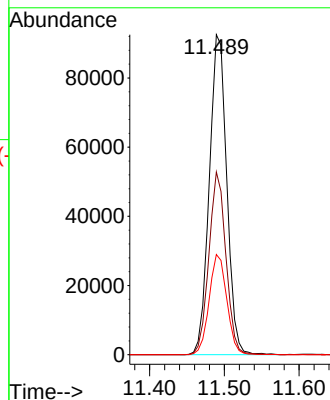
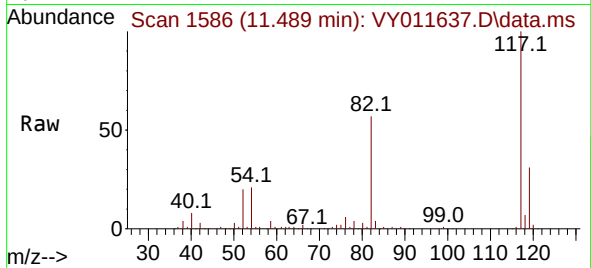




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011637.D
Acq: 30 Nov 2022 13:42

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-B-1129

Tgt Ion:117 Resp: 150096
Ion Ratio Lower Upper
117 100
82 57.1 43.0 64.4
119 31.3 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: VY011637.D
Acq: 30 Nov 2022 13:42

Tgt Ion:152 Resp: 57859
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.6 0.0 347.6

