

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012394.D
 Acq On : 30 Jan 2023 13:51
 Operator : KP/MD
 Sample : 01345-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-346

Quant Time: Jan 31 01:47:48 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	23844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	37505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	34290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	13262	68.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.120%
35) Dibromofluoromethane	7.716	113	11212	56.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.920%
50) Toluene-d8	10.179	98	43788	64.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	129.860%
62) 4-Bromofluorobenzene	12.483	95	12958	46.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.580%

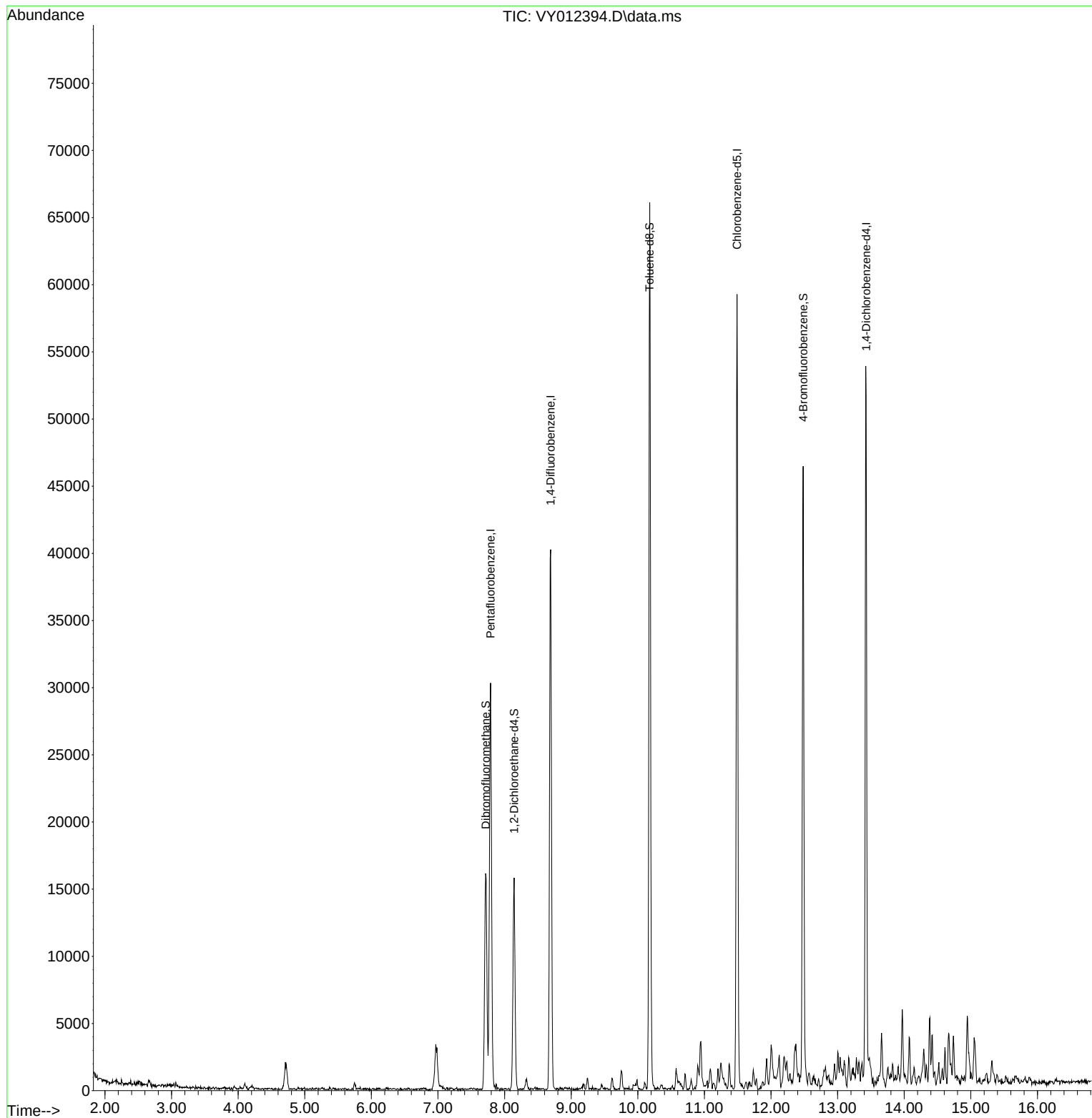
Target Compounds	Qvalue

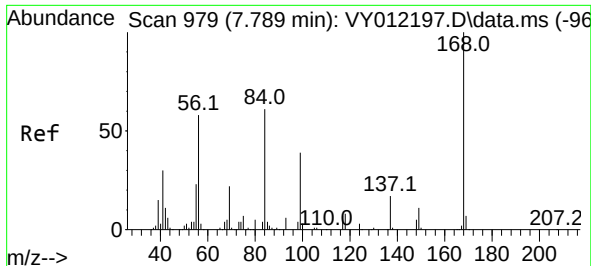
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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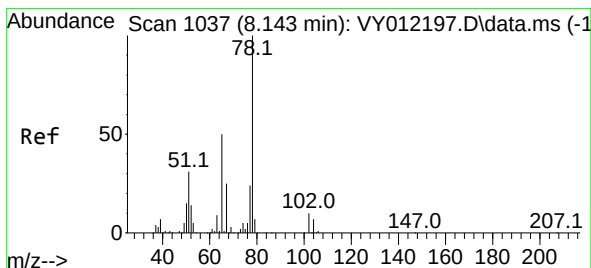
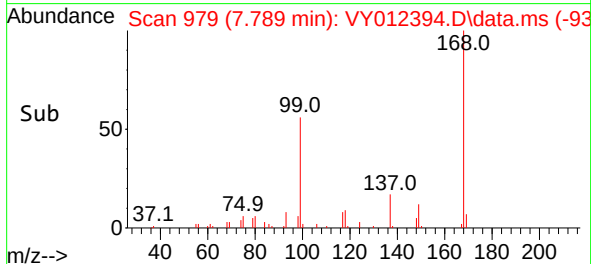
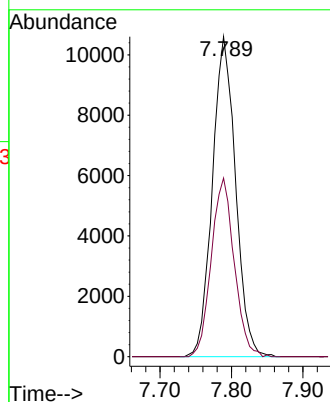
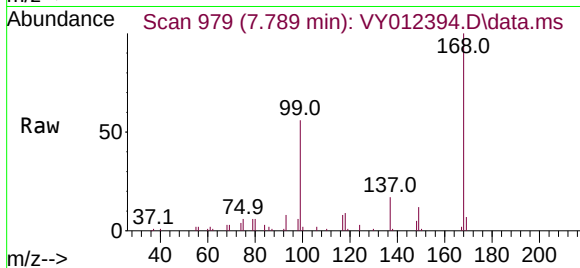




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012394.D
Acq: 30 Jan 2023 13:51

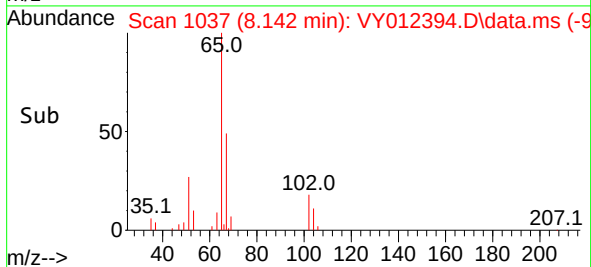
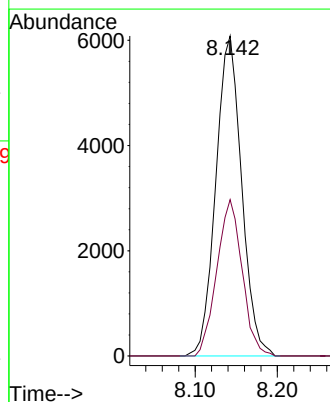
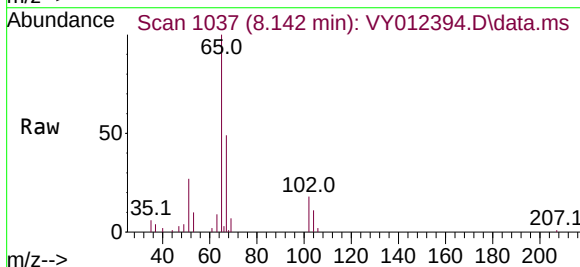
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-346

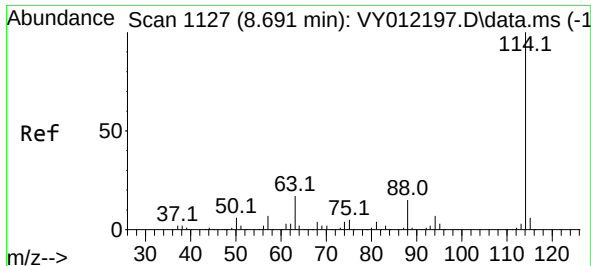
Tgt Ion:168 Resp: 23844
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 68.562 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012394.D
Acq: 30 Jan 2023 13:51

Tgt Ion: 65 Resp: 13262
Ion Ratio Lower Upper
65 100
67 47.9 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: VY012394.D

Acq: 30 Jan 2023 13:51

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-346

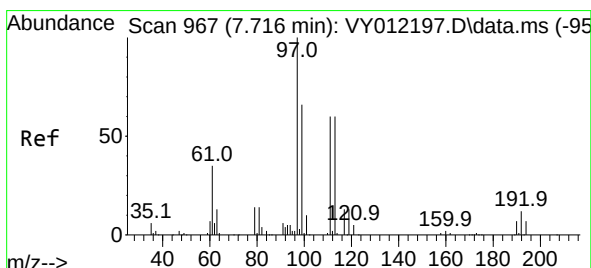
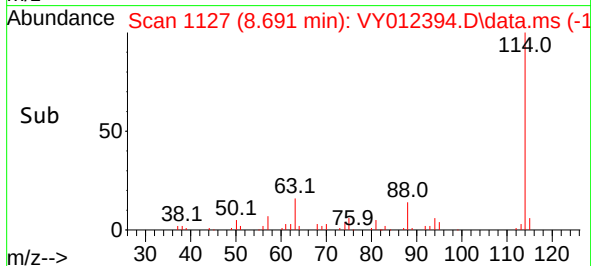
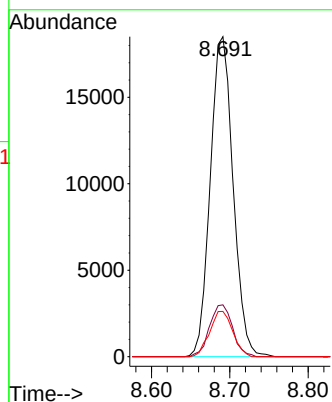
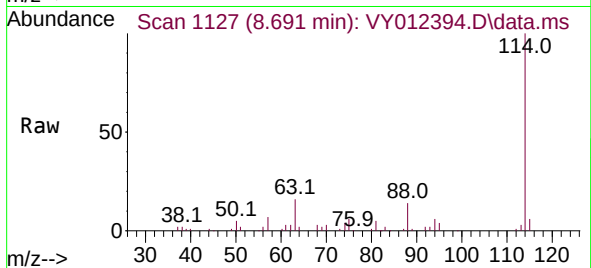
Tgt Ion:114 Resp: 37505

Ion Ratio Lower Upper

114 100

63 16.2 0.0 39.6

88 14.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.458 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012394.D

Acq: 30 Jan 2023 13:51

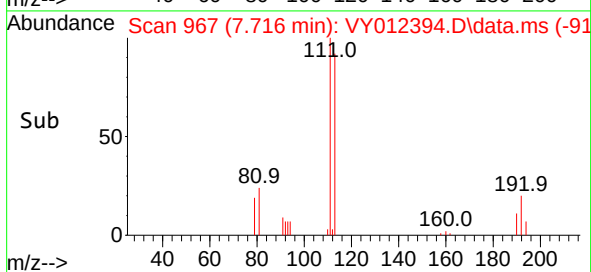
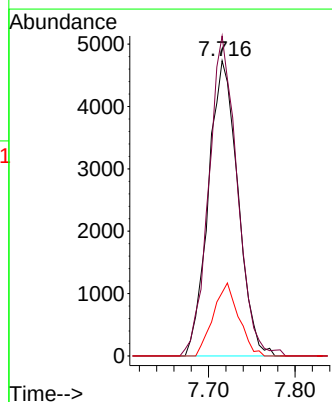
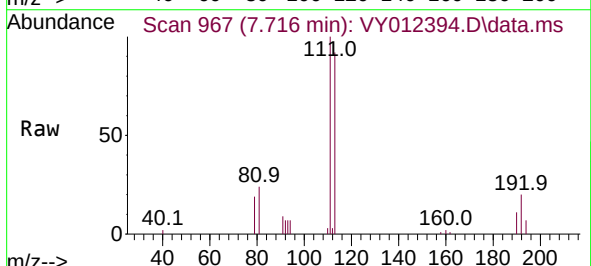
Tgt Ion:113 Resp: 11212

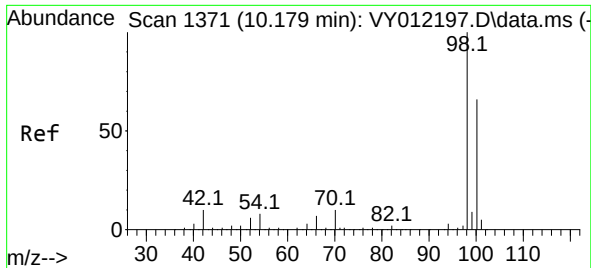
Ion Ratio Lower Upper

113 100

111 104.5 83.0 124.4

192 21.3 16.0 24.0

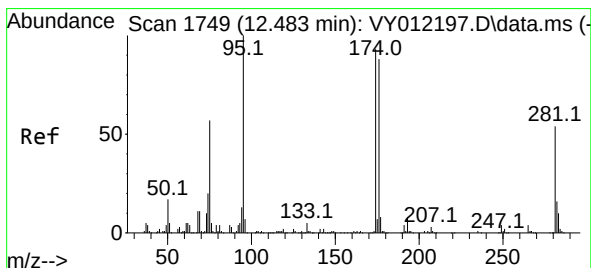
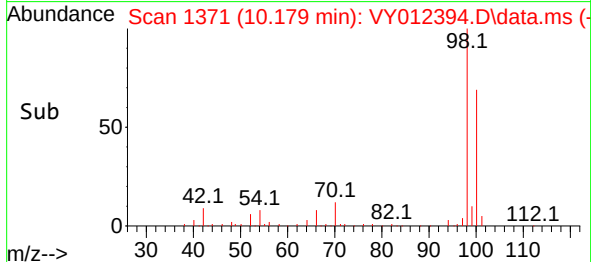
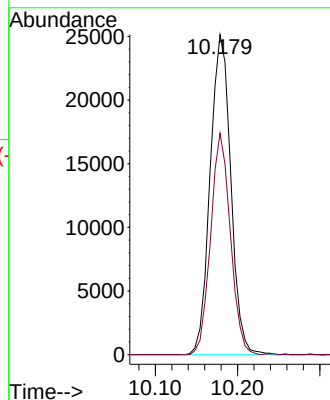
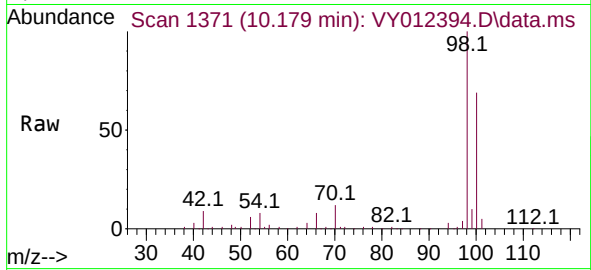




#50
Toluene-d8
Concen: 64.932 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012394.D
Acq: 30 Jan 2023 13:51

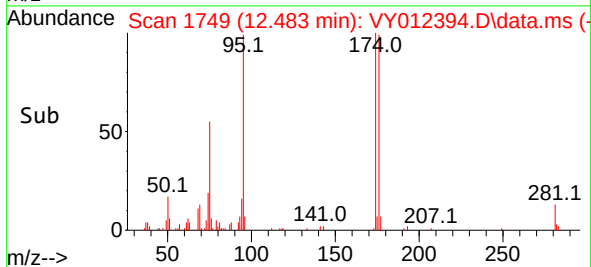
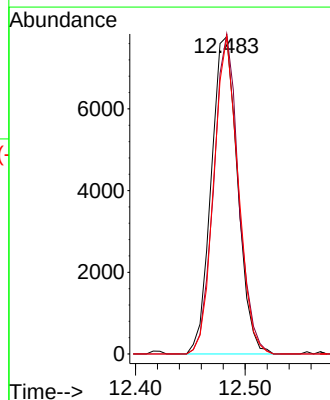
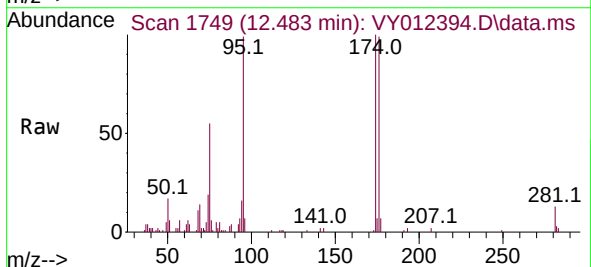
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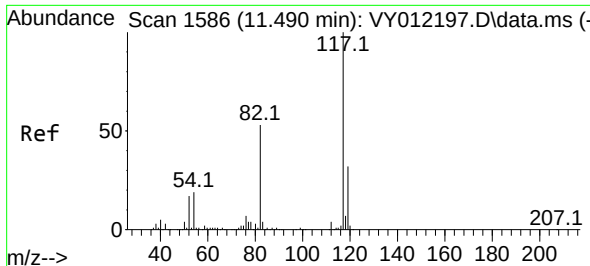
Tgt Ion: 98 Resp: 43788
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.287 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012394.D
Acq: 30 Jan 2023 13:51

Tgt Ion: 95 Resp: 12958
Ion Ratio Lower Upper
95 100
174 94.9 0.0 172.0
176 92.5 0.0 167.6

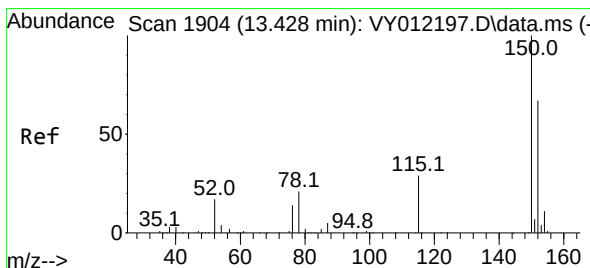
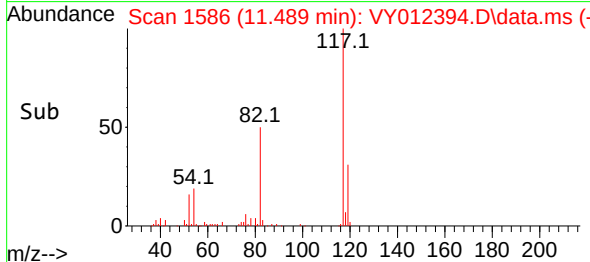
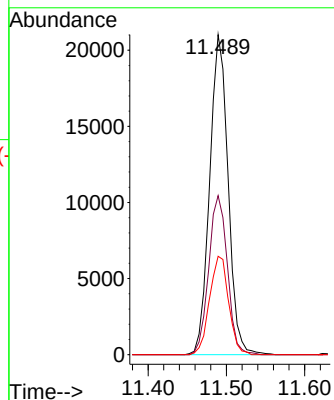
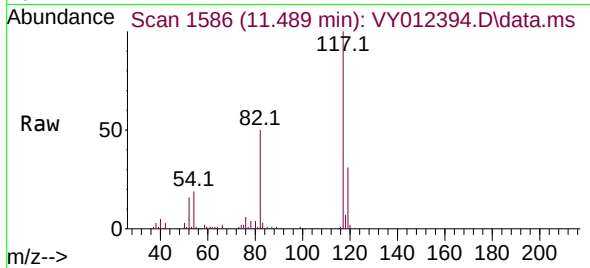




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012394.D
Acq: 30 Jan 2023 13:51

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-346

Tgt Ion:117 Resp: 34290
Ion Ratio Lower Upper
117 100
82 49.7 44.8 67.2
119 30.7 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: VY012394.D
Acq: 30 Jan 2023 13:51

Tgt Ion:152 Resp: 14659
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 155.8 0.0 342.6

