

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014602.D
 Acq On : 07 Jul 2023 17:18
 Operator : KP/MD
 Sample : 03555-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-369

Quant Time: Jul 08 03:47:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	221023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	343046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139085	63.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.520%
35) Dibromofluoromethane	7.710	113	120382	54.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.120%
50) Toluene-d8	10.179	98	437234	50.130	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.260%
62) 4-Bromofluorobenzene	12.477	95	134425	44.385	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.760%

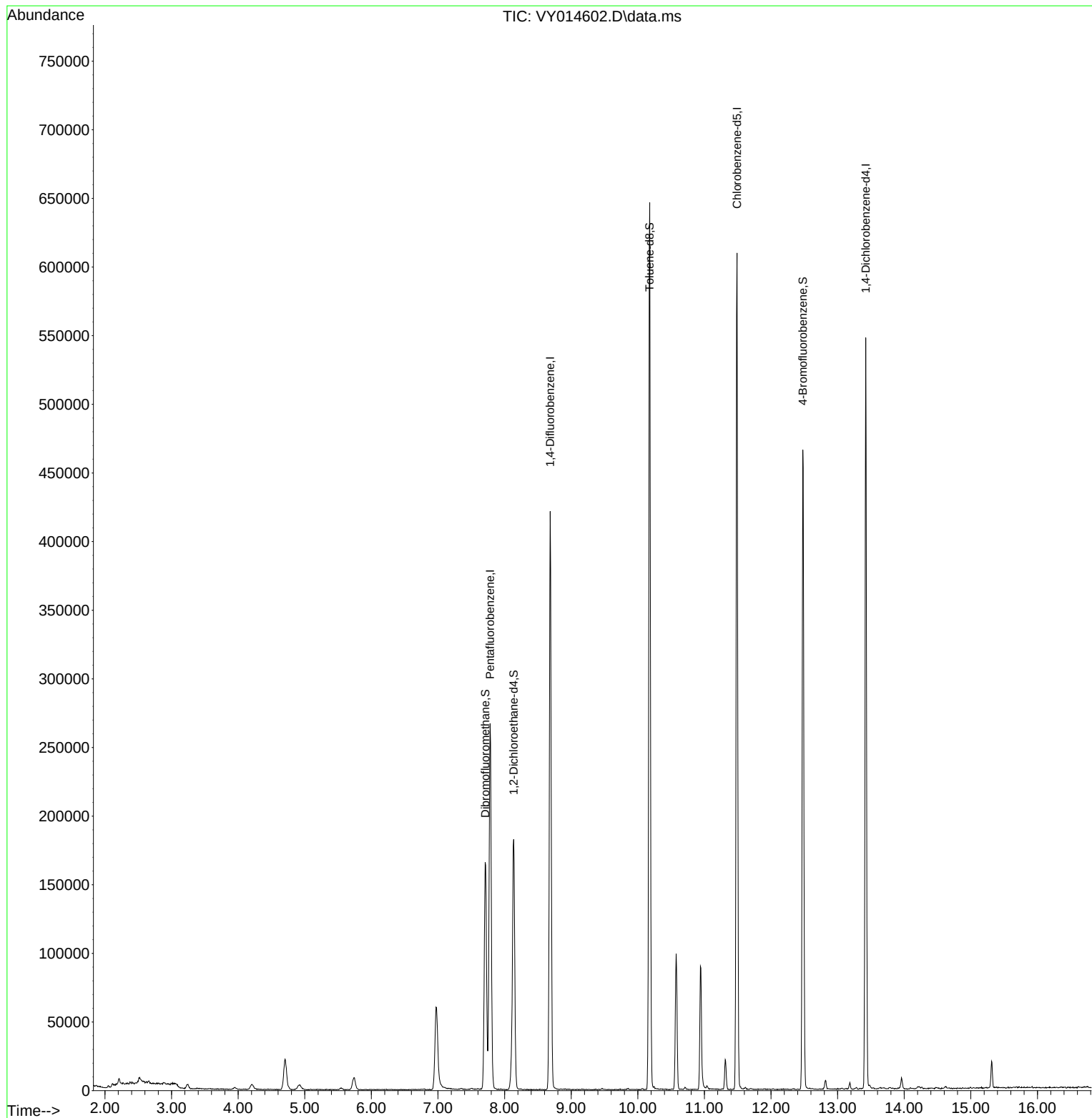
Target Compounds	Qvalue

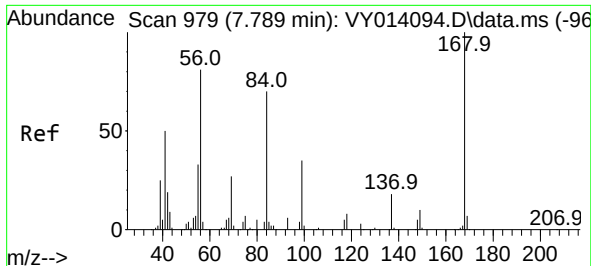
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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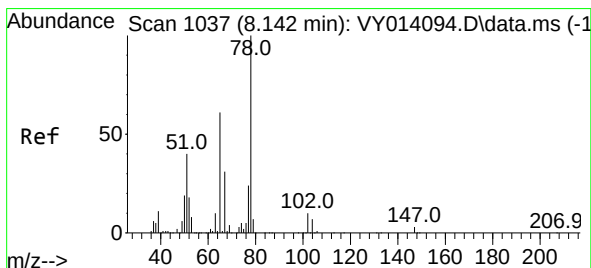
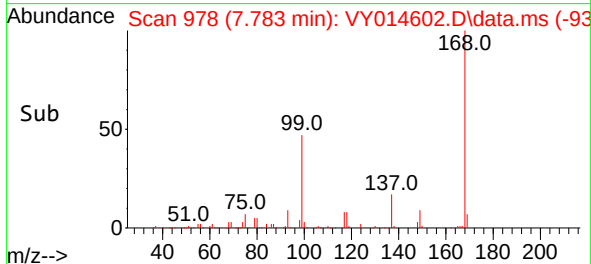
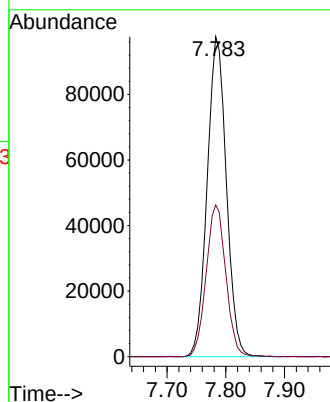
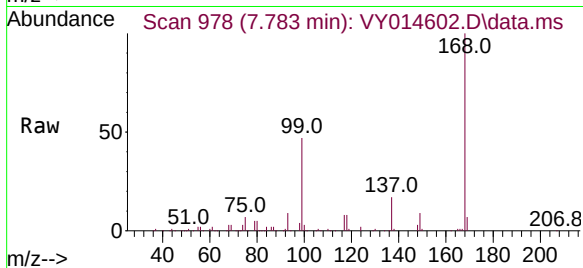




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

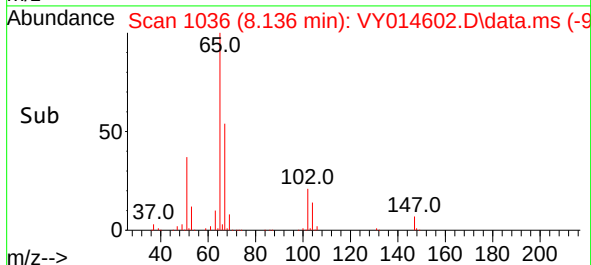
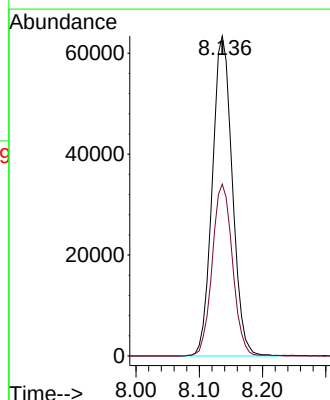
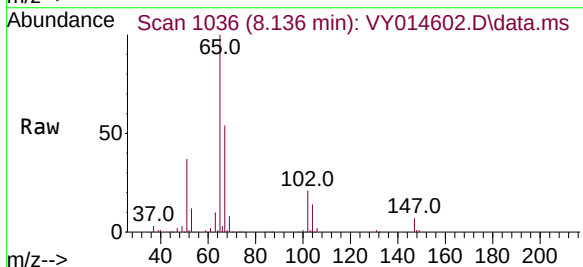
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-369

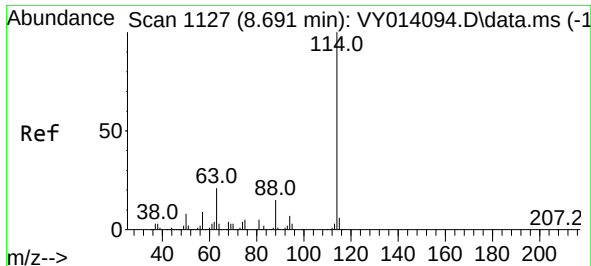
Tgt Ion:168 Resp: 221023
Ion Ratio Lower Upper
168 100
99 47.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 63.258 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

Tgt Ion: 65 Resp: 139085
Ion Ratio Lower Upper
65 100
67 54.5 0.0 101.8

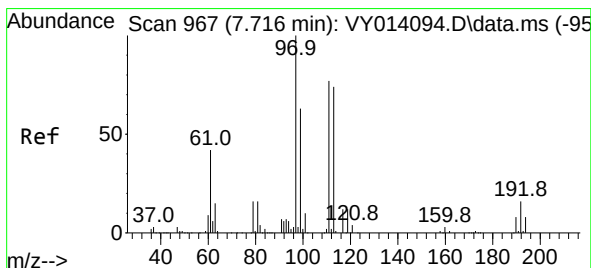
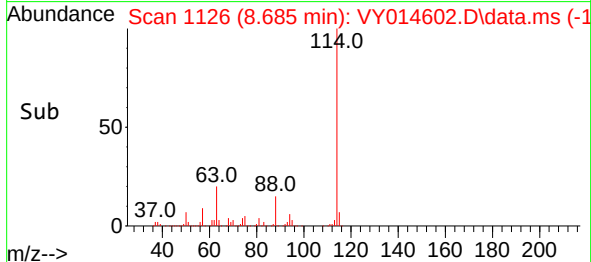
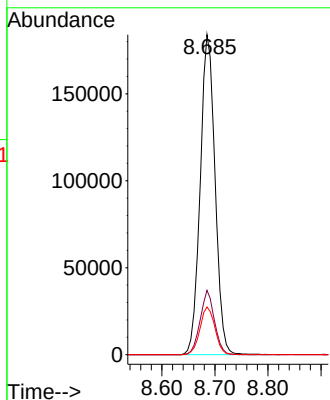
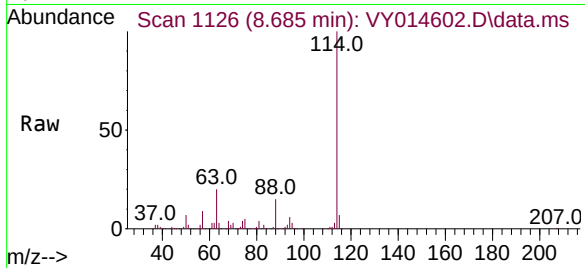




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

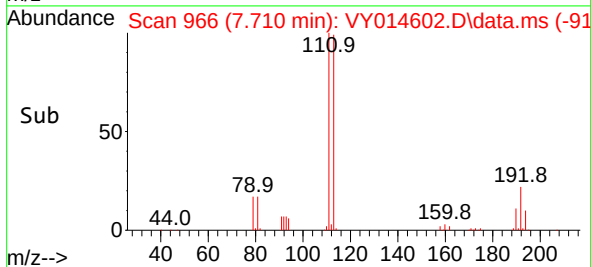
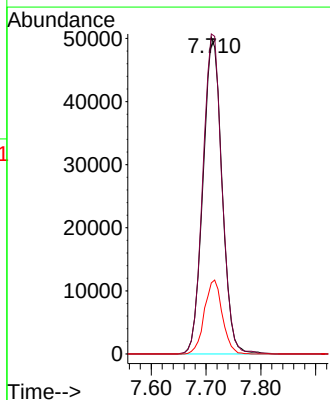
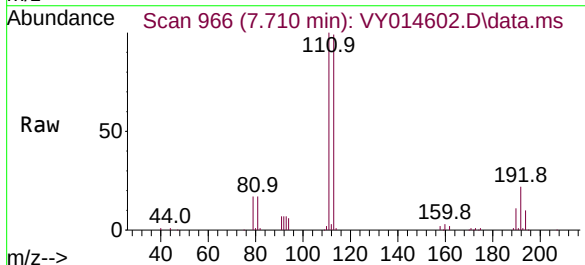
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-369

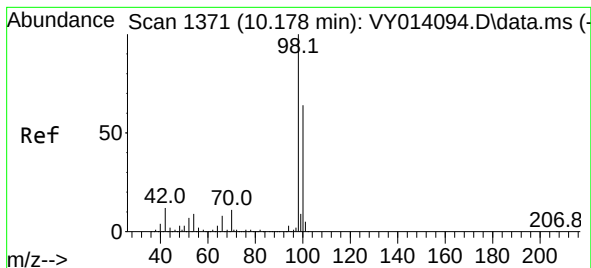
Tgt Ion:114 Resp: 358288
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.561 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014602.D
Acq: 07 Jul 2023 17:18

Tgt Ion:113 Resp: 120382
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 22.1 16.9 25.3





#50

Toluene-d8

Concen: 50.130 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014602.D

Acq: 07 Jul 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

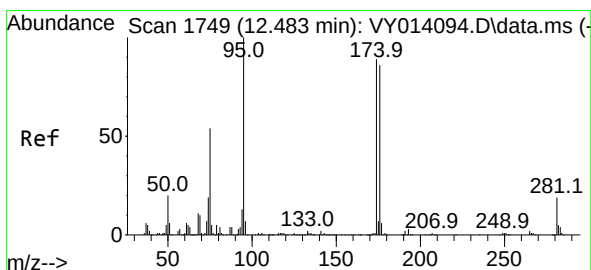
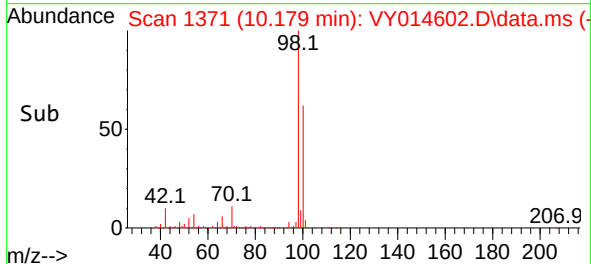
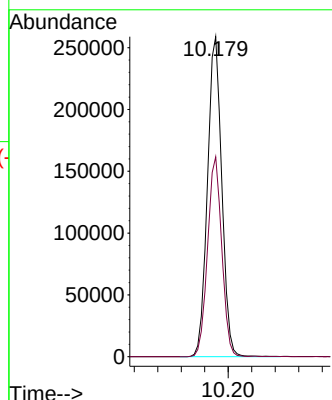
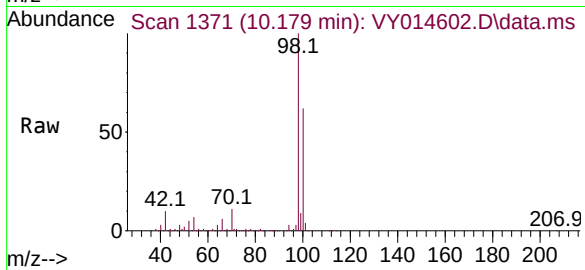
ETGI-369

Tgt Ion: 98 Resp: 437234

Ion Ratio Lower Upper

98 100

100 61.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.385 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014602.D

Acq: 07 Jul 2023 17:18

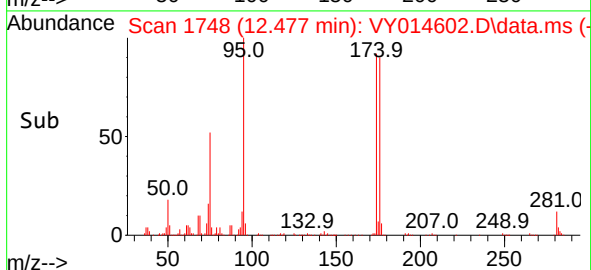
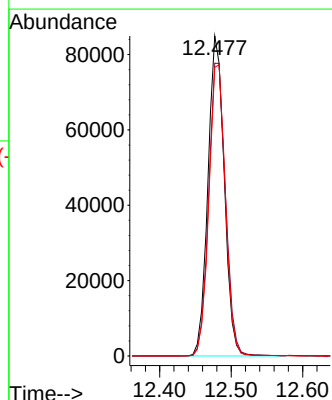
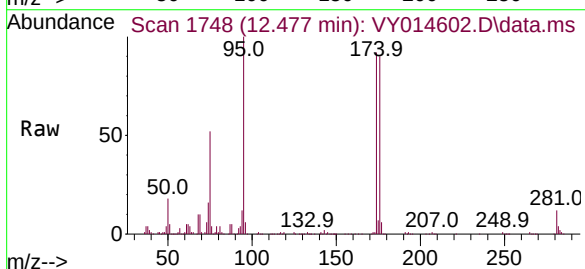
Tgt Ion: 95 Resp: 134425

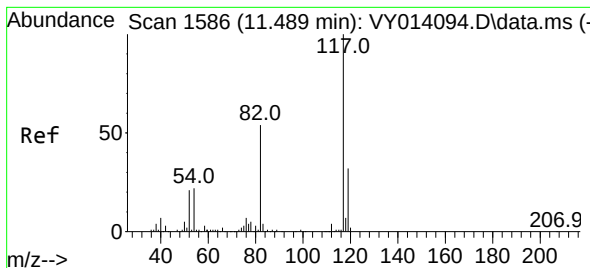
Ion Ratio Lower Upper

95 100

174 94.9 0.0 178.2

176 91.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014602.D

Acq: 07 Jul 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-369

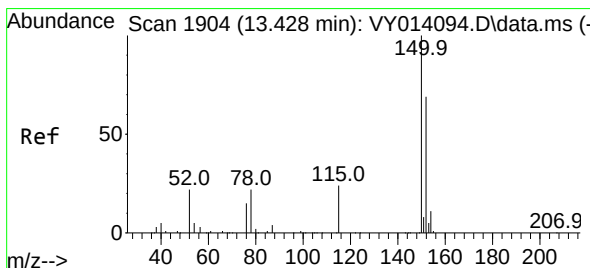
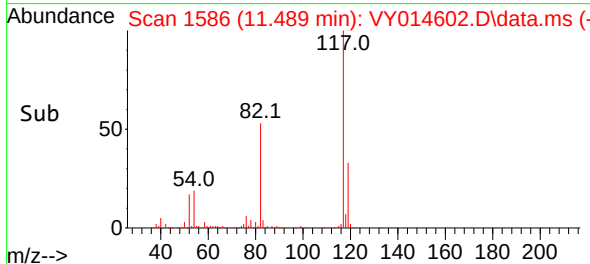
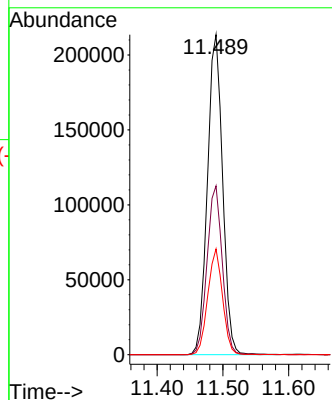
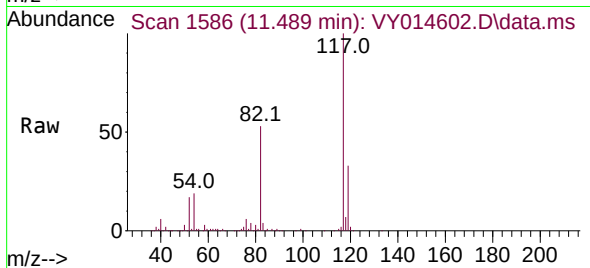
Tgt Ion:117 Resp: 343046

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 33.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014602.D

Acq: 07 Jul 2023 17:18

Tgt Ion:152 Resp: 145415

Ion Ratio Lower Upper

152 100

115 54.8 28.8 86.5

150 156.2 0.0 348.8

