

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010169.D
 Acq On : 23 Aug 2022 16:46
 Operator : KP/MD
 Sample : N4214-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-354

Quant Time: Aug 24 04:33:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	160680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	298773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	299637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136276	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87821	66.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.460%
35) Dibromofluoromethane	7.710	113	83101	49.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.179	98	309337	49.036	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.477	95	100179	44.446	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.900%

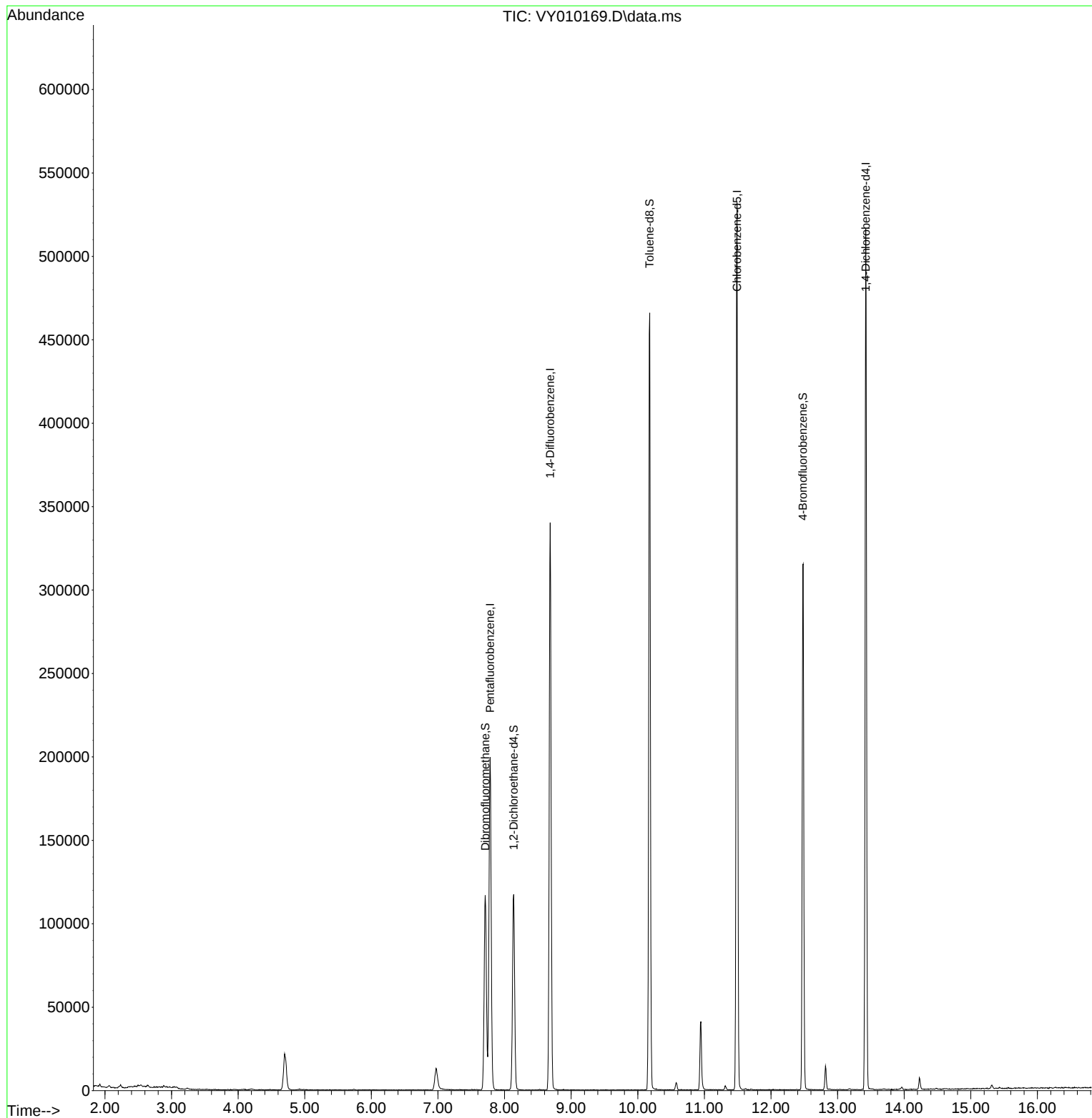
Target Compounds	Qvalue

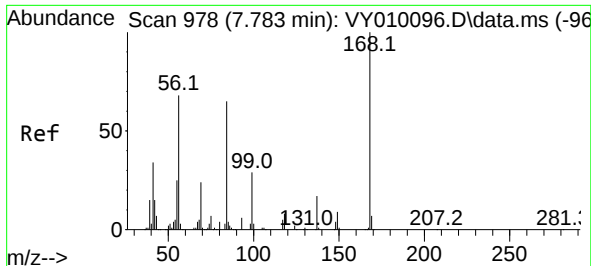
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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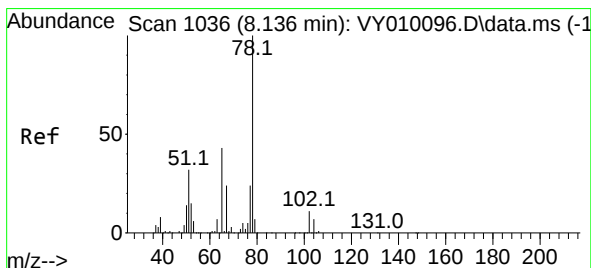
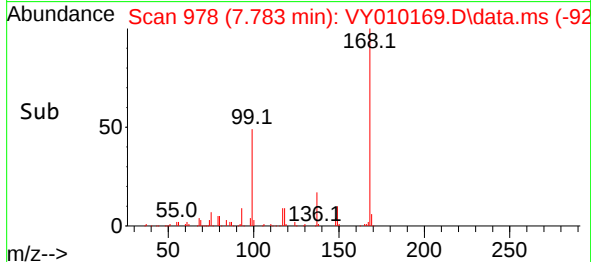
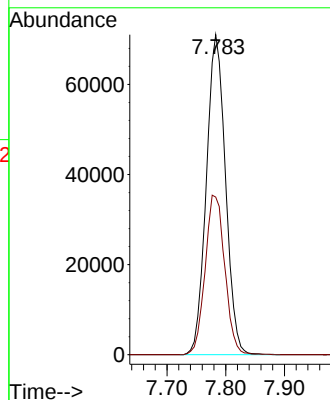
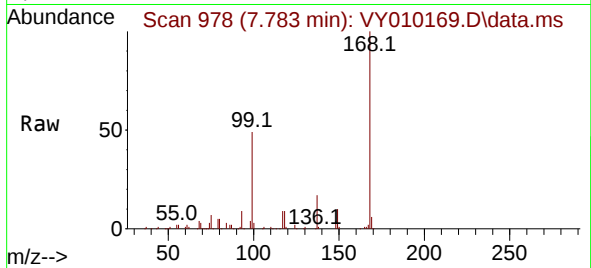




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010169.D
Acq: 23 Aug 2022 16:46

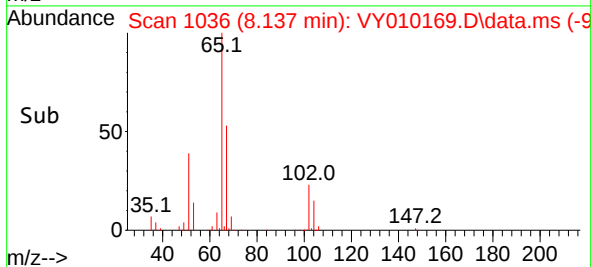
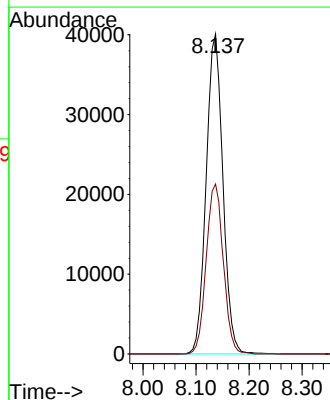
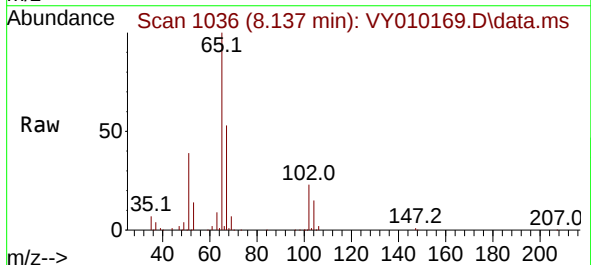
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-354

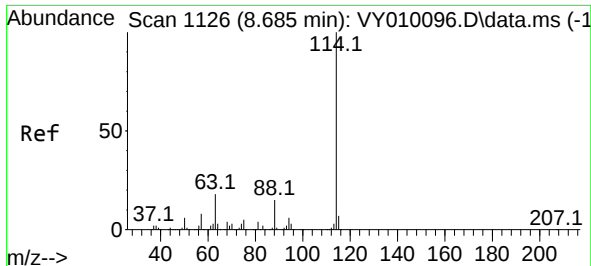
Tgt Ion:168 Resp: 160680
Ion Ratio Lower Upper
168 100
99 49.2 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 66.727 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010169.D
Acq: 23 Aug 2022 16:46

Tgt Ion: 65 Resp: 87821
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-354

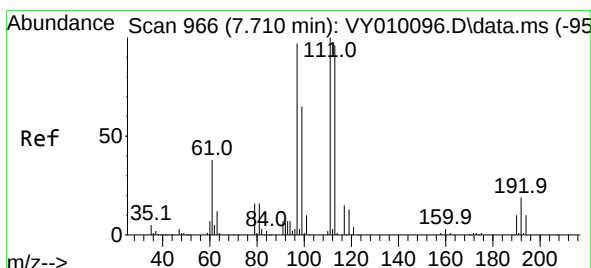
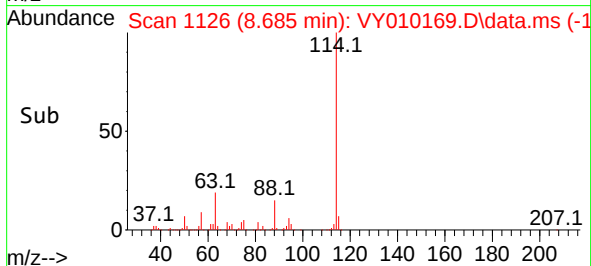
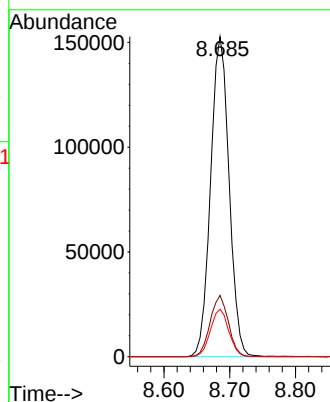
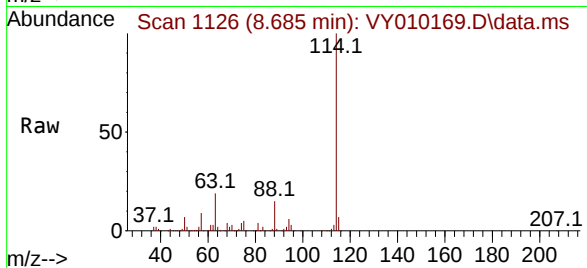
Tgt Ion:114 Resp: 298773

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.6

88 14.8 0.0 29.6



#35

Dibromofluoromethane

Concen: 49.361 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

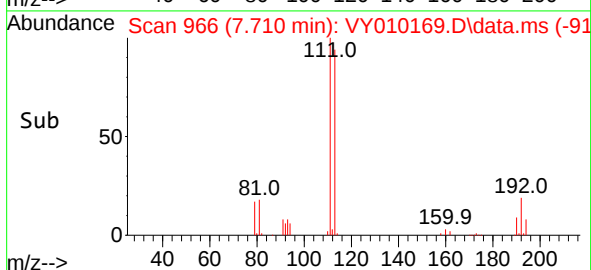
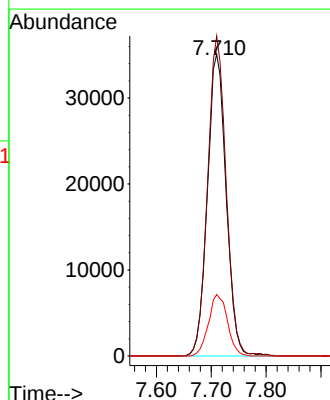
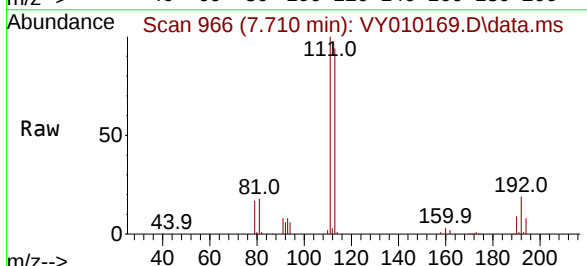
Tgt Ion:113 Resp: 83101

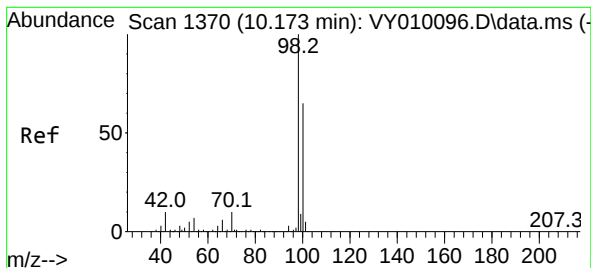
Ion Ratio Lower Upper

113 100

111 104.7 82.8 124.2

192 20.6 16.3 24.5





#50

Toluene-d8

Concen: 49.036 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

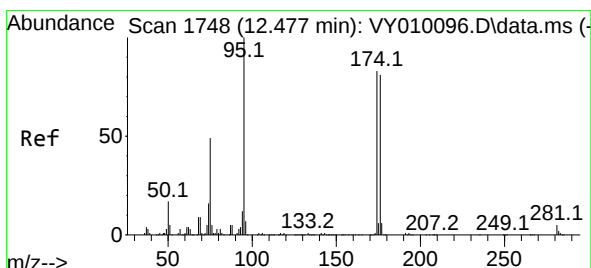
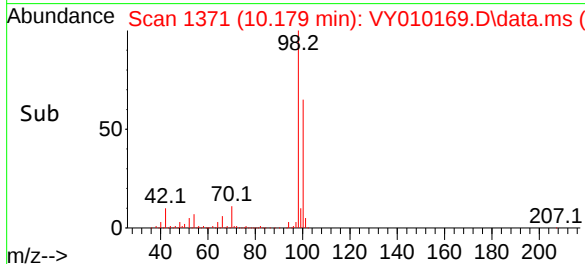
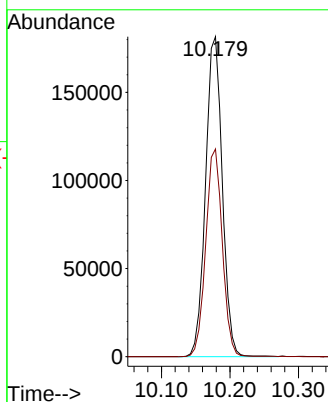
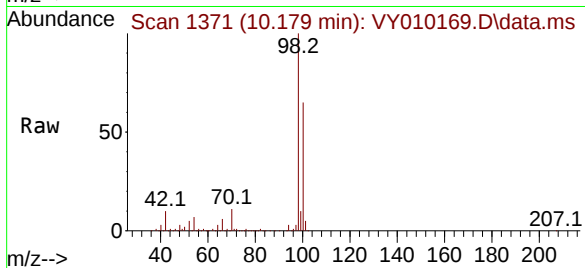
ETGI-354

Tgt Ion: 98 Resp: 309337

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.446 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

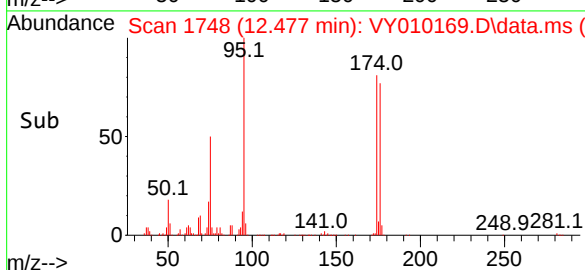
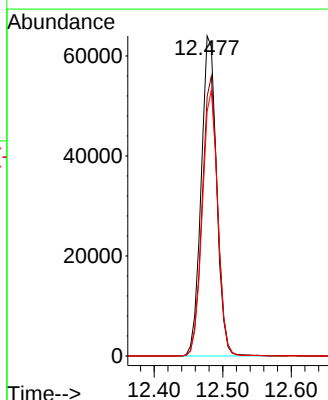
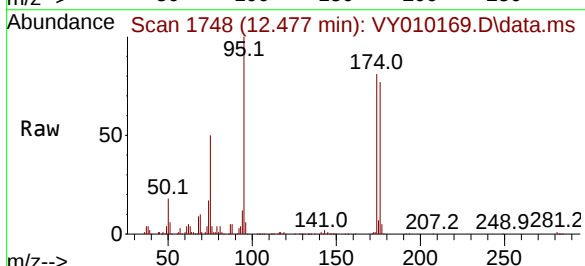
Tgt Ion: 95 Resp: 100179

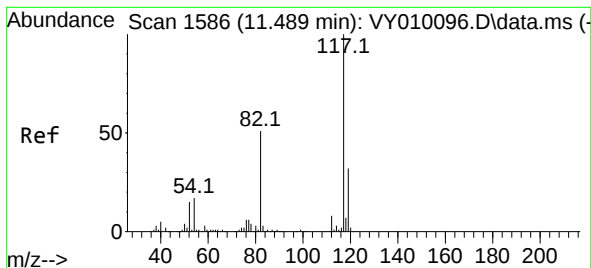
Ion Ratio Lower Upper

95 100

174 87.5 0.0 173.8

176 83.2 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-354

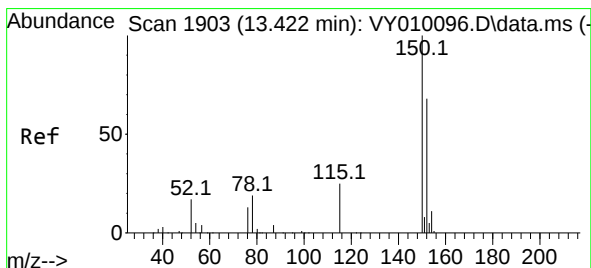
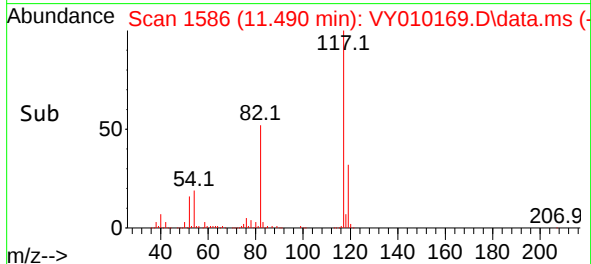
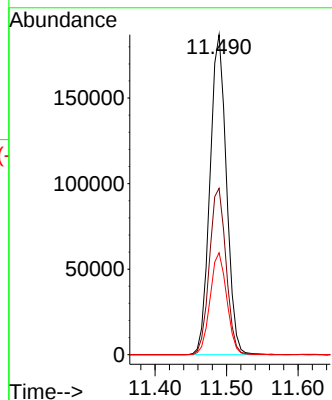
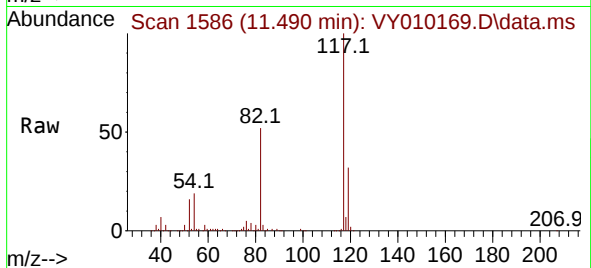
Tgt Ion:117 Resp: 299637

Ion Ratio Lower Upper

117 100

82 52.0 40.6 61.0

119 31.8 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010169.D

Acq: 23 Aug 2022 16:46

Tgt Ion:152 Resp: 136276

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

150 158.4 0.0 346.2

