

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014978.D
 Acq On : 08 Aug 2023 12:27
 Operator : SY/MD
 Sample : 03908-01
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-368

Quant Time: Aug 09 00:59:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	206049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	365031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	357500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175438	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	137244	54.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.920%
35) Dibromofluoromethane	7.716	113	117255	50.231	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.460%
50) Toluene-d8	10.179	98	436008	49.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.483	95	166423	52.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.700%

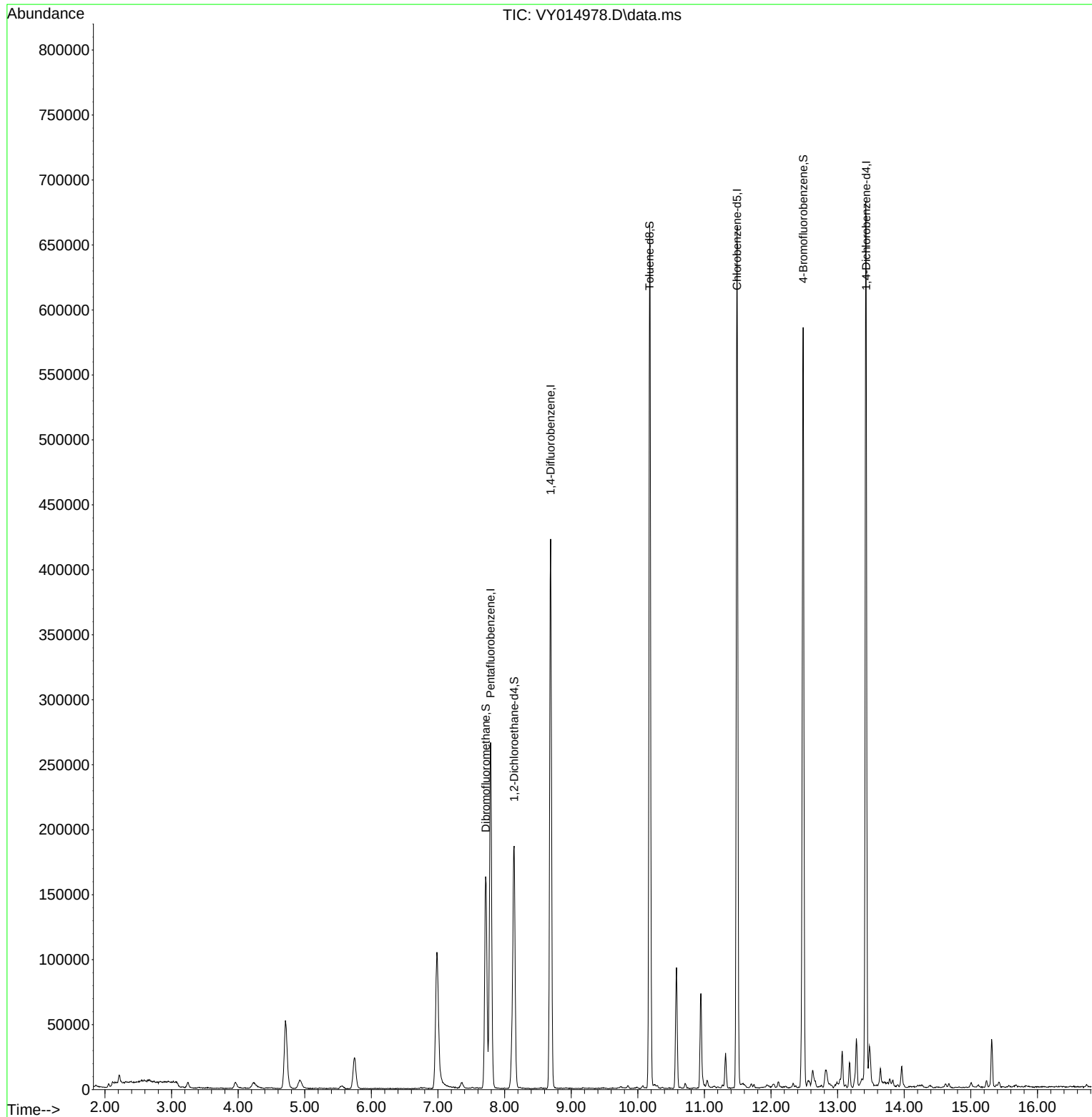
Target Compounds	Qvalue

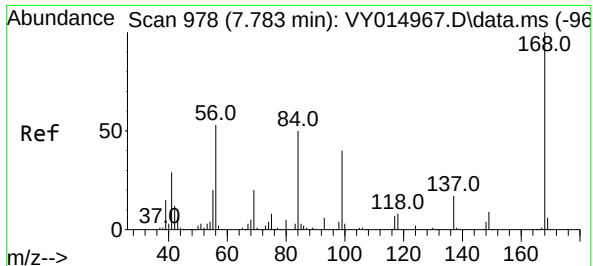
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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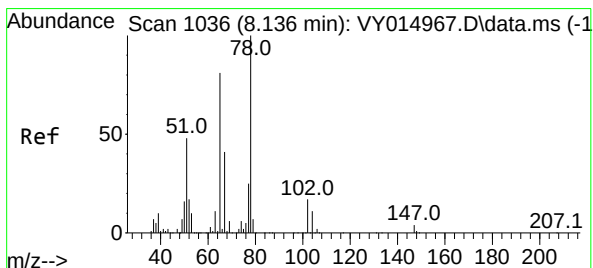
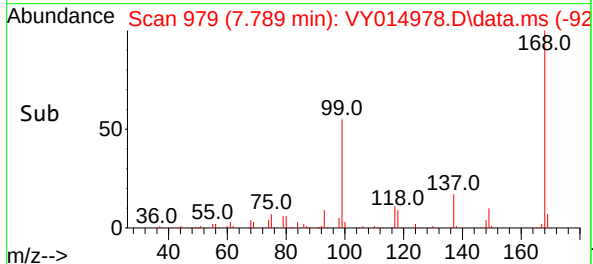
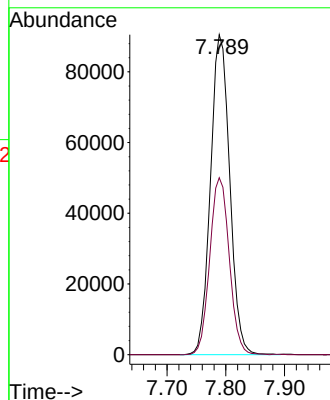
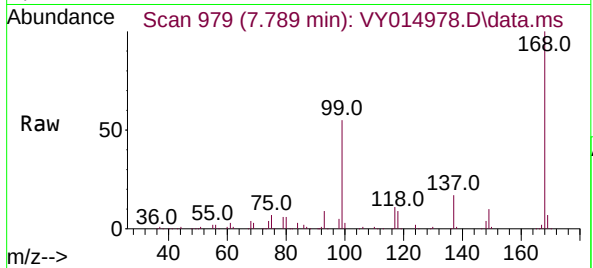




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014978.D
Acq: 08 Aug 2023 12:27

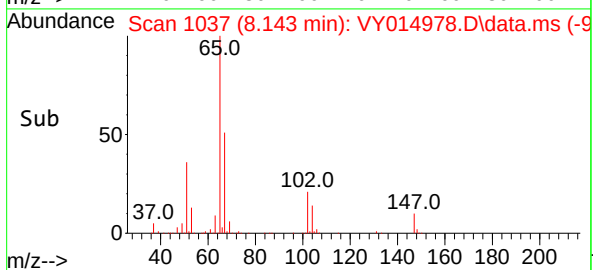
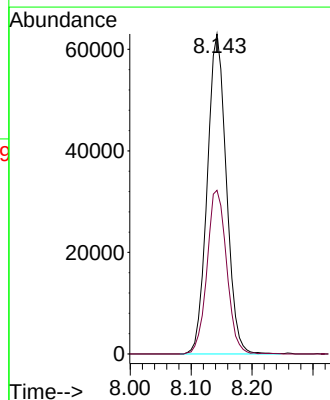
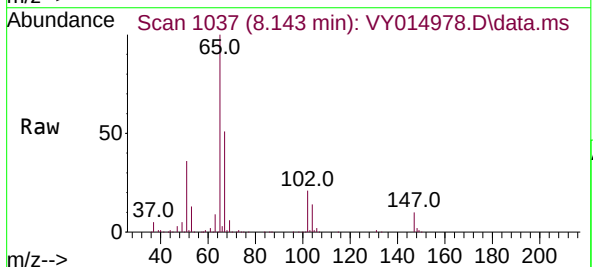
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-368

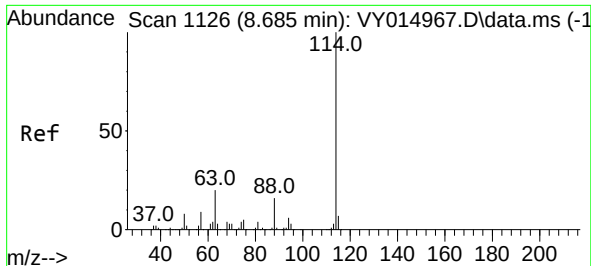
Tgt Ion:168 Resp: 206049
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.955 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014978.D
Acq: 08 Aug 2023 12:27

Tgt Ion: 65 Resp: 137244
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014978.D

Acq: 08 Aug 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-368

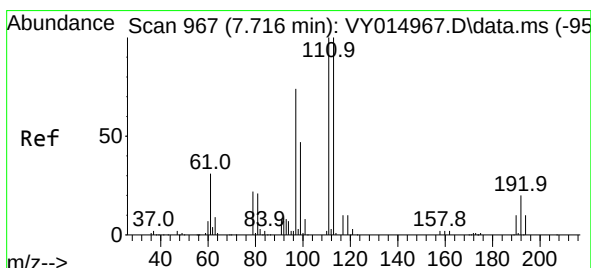
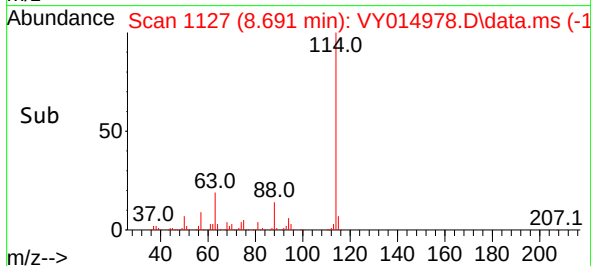
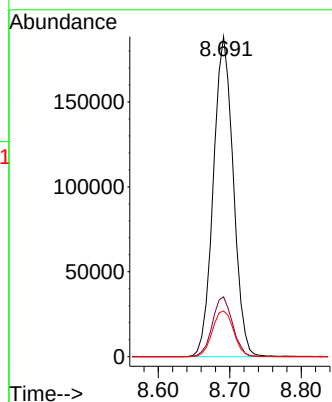
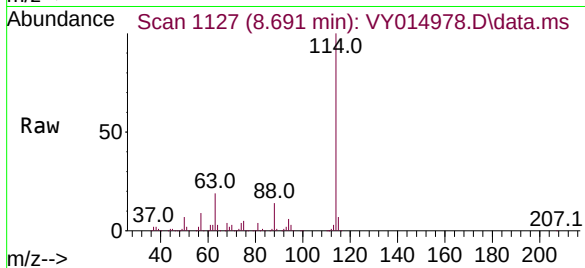
Tgt Ion:114 Resp: 365031

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.231 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY014978.D

Acq: 08 Aug 2023 12:27

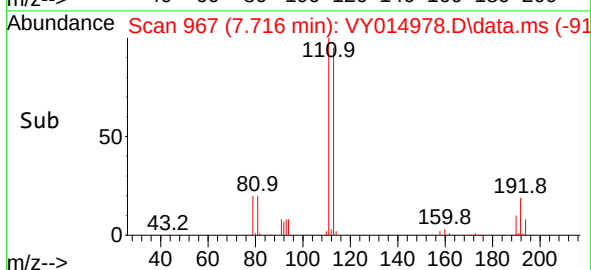
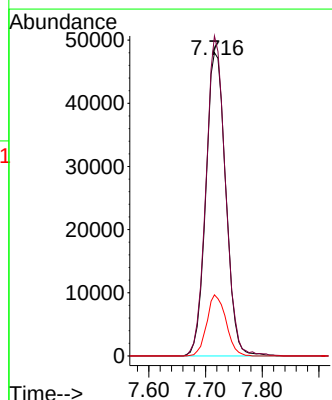
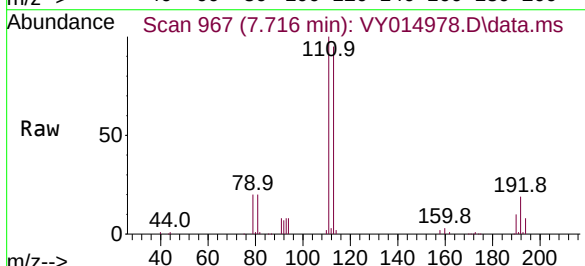
Tgt Ion:113 Resp: 117255

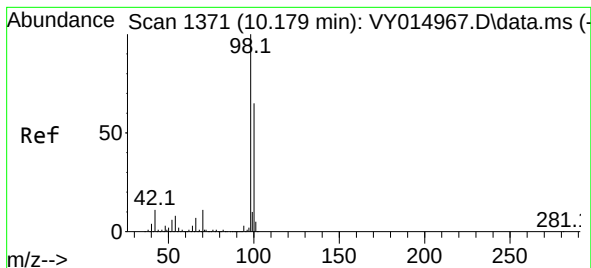
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.4 16.9 25.3





#50

Toluene-d8

Concen: 49.073 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014978.D

Acq: 08 Aug 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

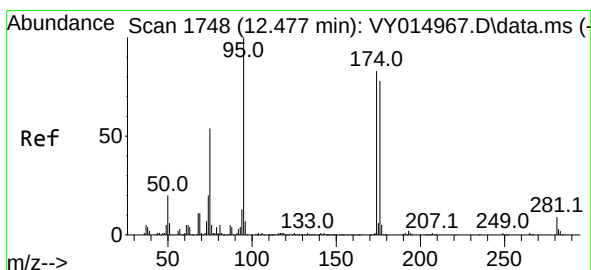
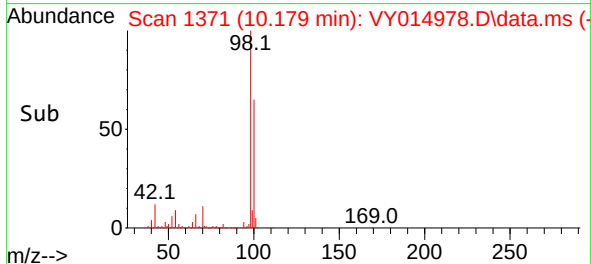
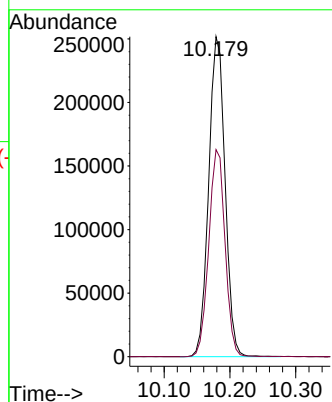
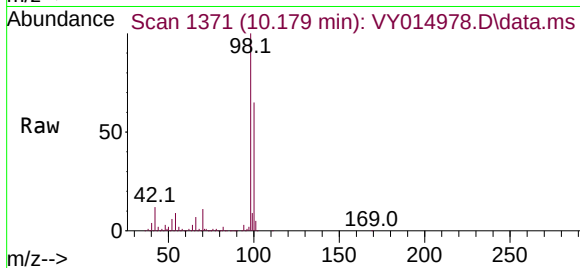
ETGI-368

Tgt Ion: 98 Resp: 436008

Ion Ratio Lower Upper

98 100

100 64.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 52.850 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY014978.D

Acq: 08 Aug 2023 12:27

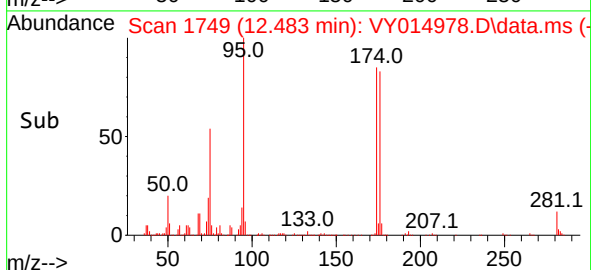
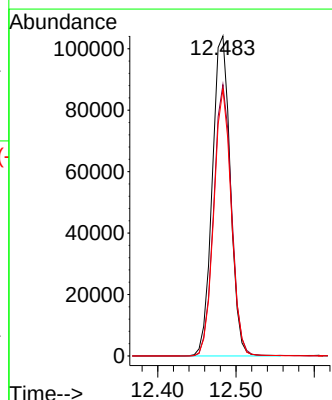
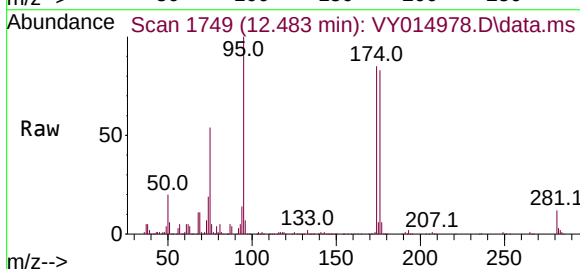
Tgt Ion: 95 Resp: 166423

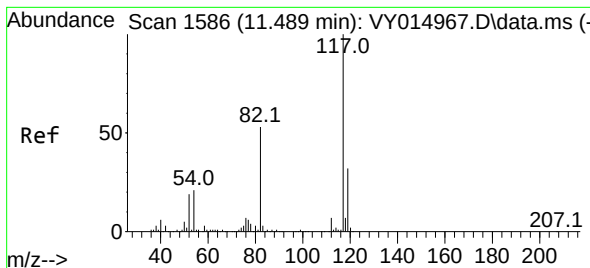
Ion Ratio Lower Upper

95 100

174 83.9 0.0 178.2

176 81.1 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: VY014978.D

Acq: 08 Aug 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-368

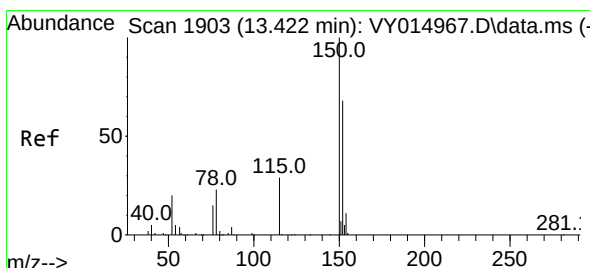
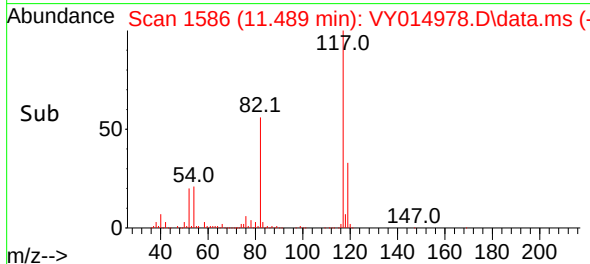
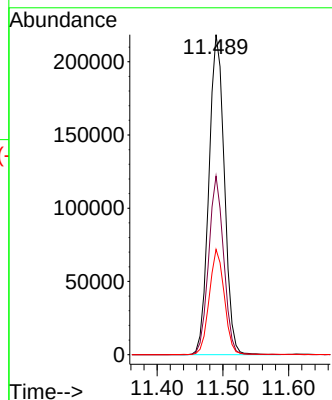
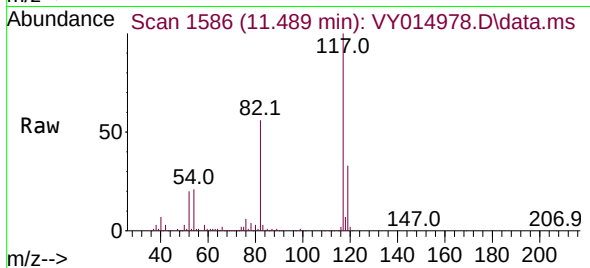
Tgt Ion:117 Resp: 357500

Ion Ratio Lower Upper

117 100

82 55.8 43.4 65.0

119 32.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014978.D

Acq: 08 Aug 2023 12:27

Tgt Ion:152 Resp: 175438

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 157.8 0.0 348.8

