

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014601.D
 Acq On : 07 Jul 2023 16:54
 Operator : KP/MD
 Sample : 03555-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-347

Quant Time: Jul 08 03:47:02 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	235378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	379413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	343398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	147638	63.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.100%
35) Dibromofluoromethane	7.710	113	129288	55.335	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.680%
50) Toluene-d8	10.179	98	459528	49.753	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.477	95	130327	40.636	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.280%

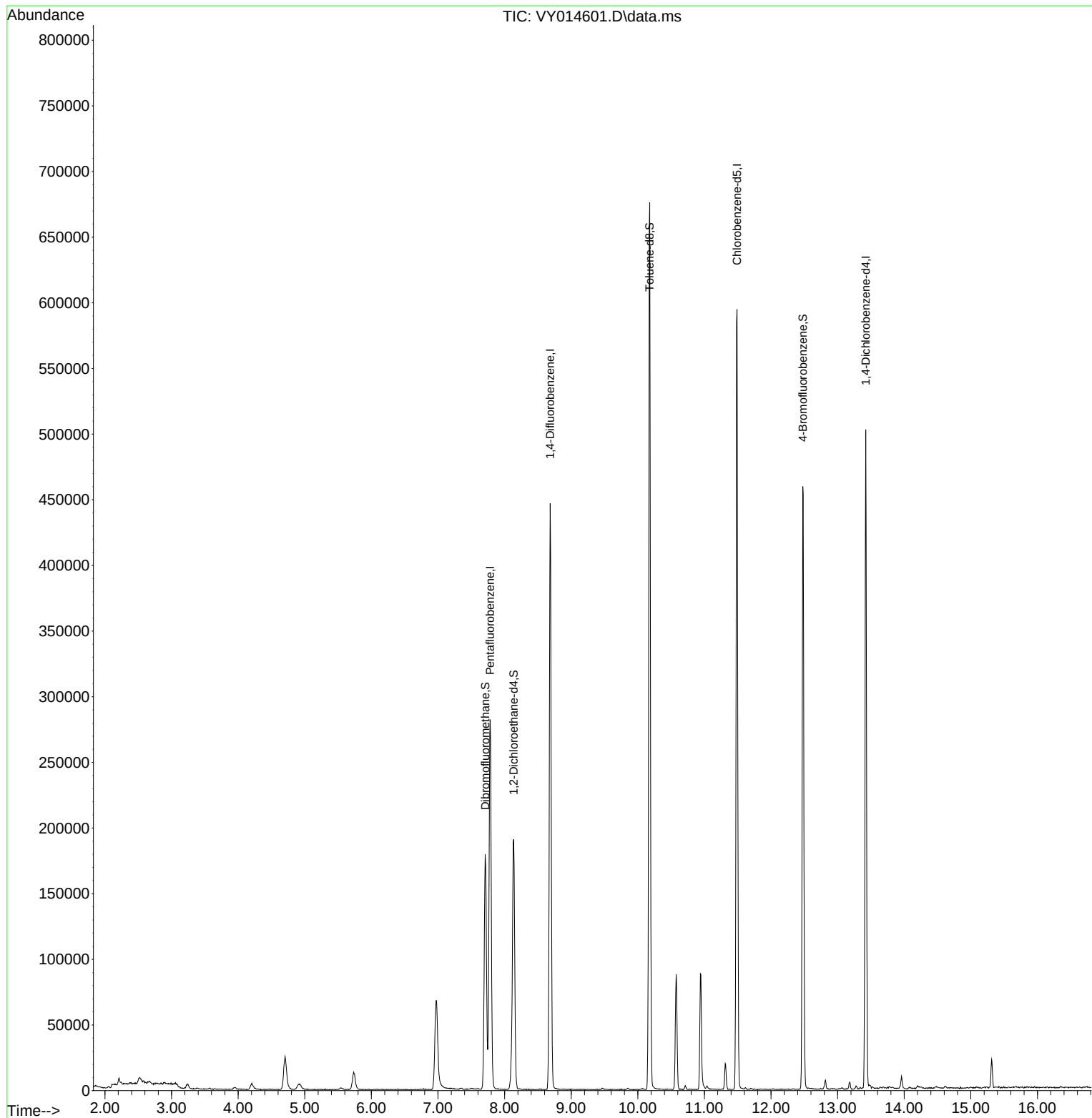
Target Compounds	Qvalue

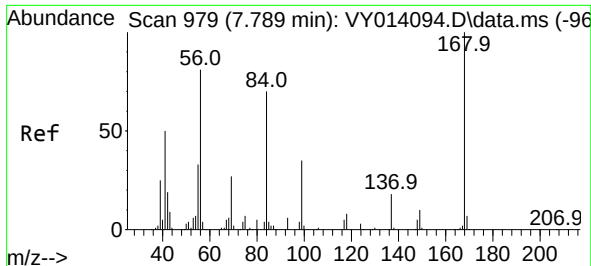
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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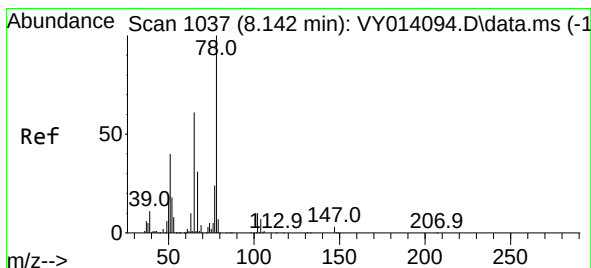
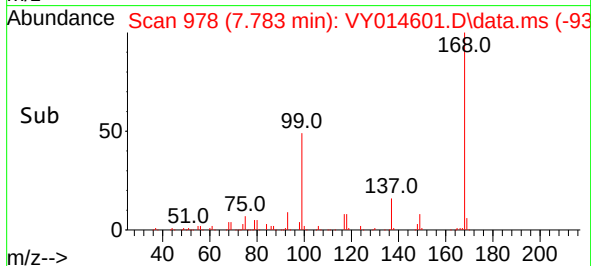
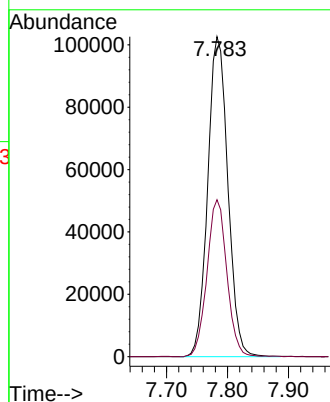
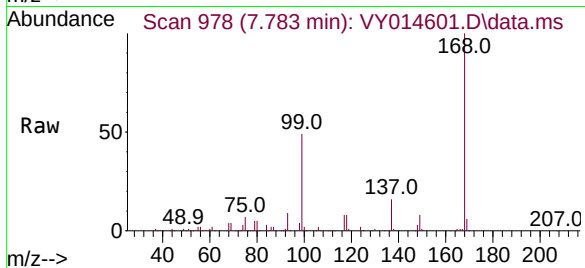




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014601.D
Acq: 07 Jul 2023 16:54

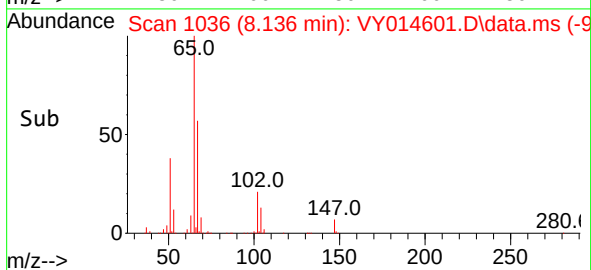
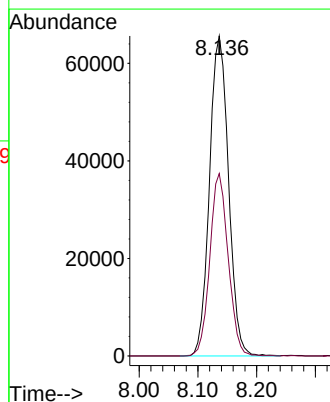
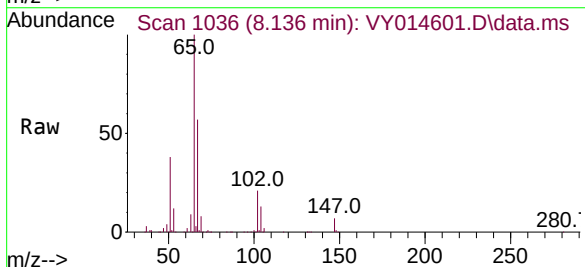
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-347

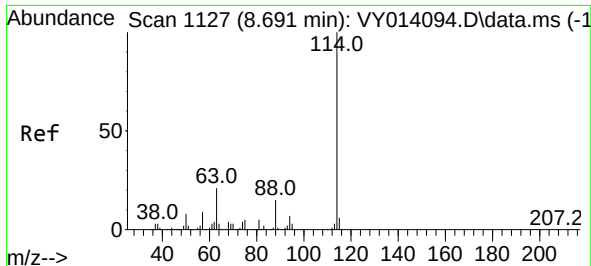
Tgt Ion:168 Resp: 235378
Ion Ratio Lower Upper
168 100
99 49.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 63.053 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014601.D
Acq: 07 Jul 2023 16:54

Tgt Ion: 65 Resp: 147638
Ion Ratio Lower Upper
65 100
67 55.0 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: VY014601.D

Acq: 07 Jul 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-347

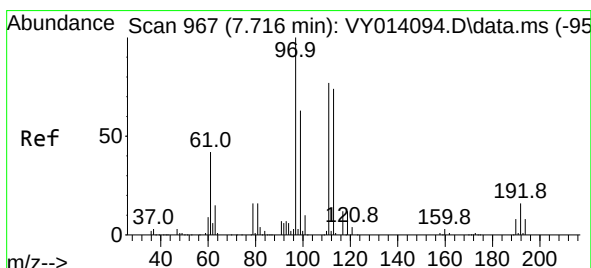
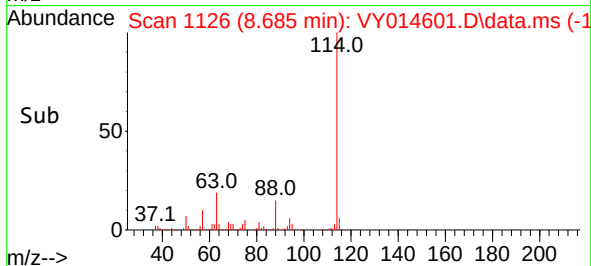
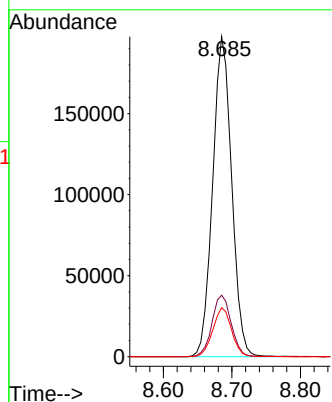
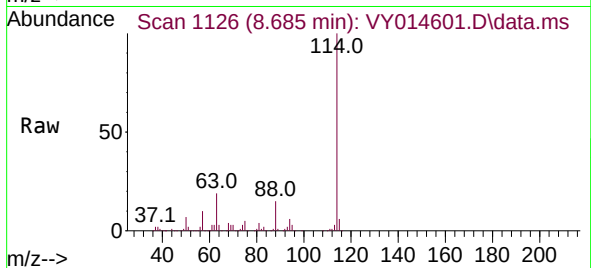
Tgt Ion:114 Resp: 379413

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.335 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014601.D

Acq: 07 Jul 2023 16:54

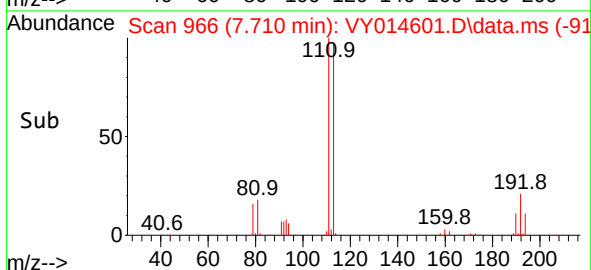
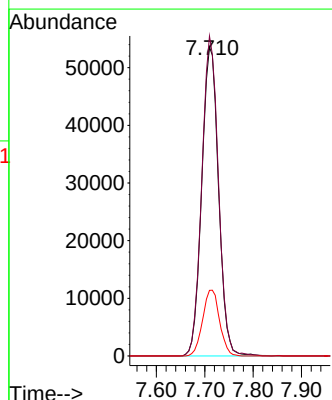
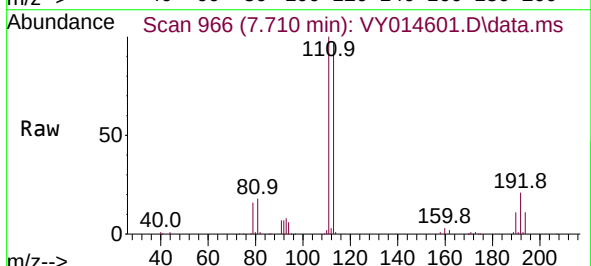
Tgt Ion:113 Resp: 129288

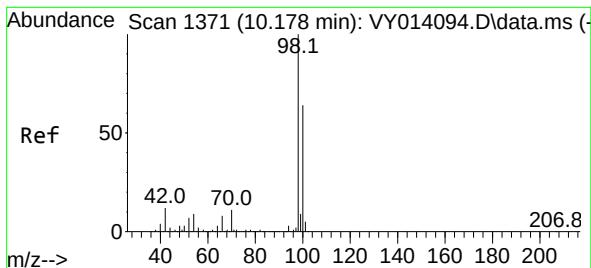
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 21.5 16.9 25.3

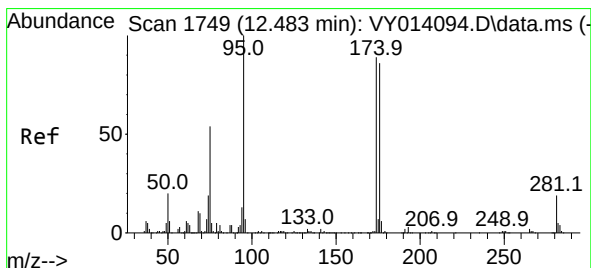
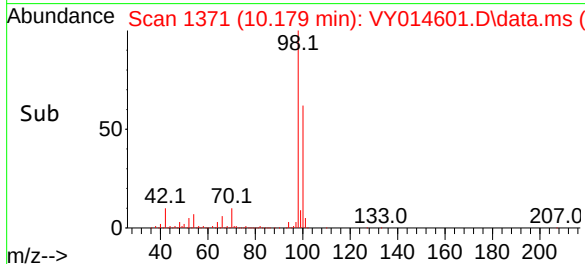
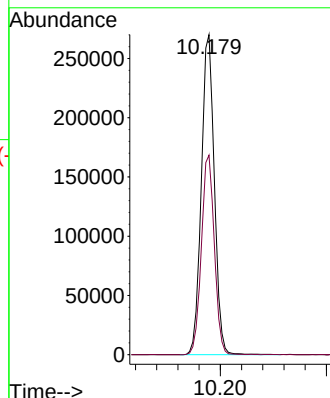
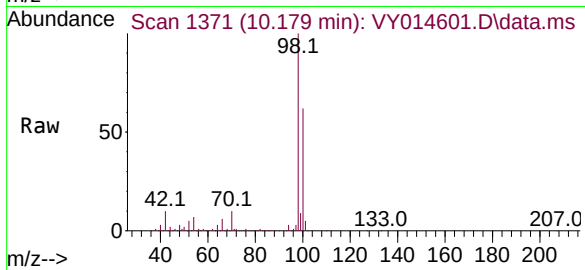




#50
Toluene-d8
Concen: 49.753 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014601.D
Acq: 07 Jul 2023 16:54

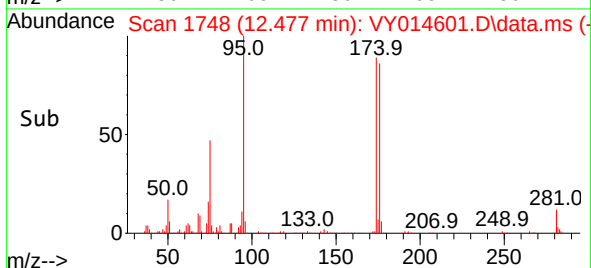
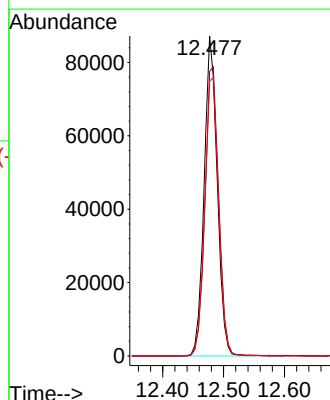
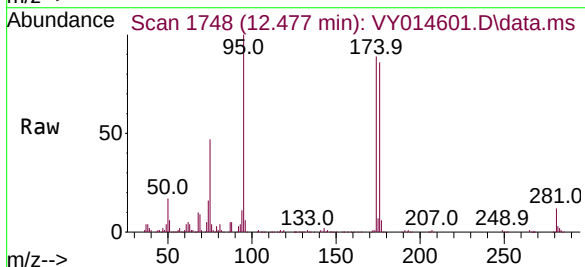
Instrument :
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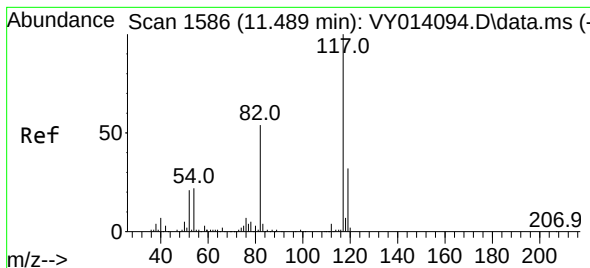
Tgt Ion: 98 Resp: 459528
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.636 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014601.D
Acq: 07 Jul 2023 16:54

Tgt Ion: 95 Resp: 130327
Ion Ratio Lower Upper
95 100
174 94.8 0.0 178.2
176 92.3 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: VY014601.D

Acq: 07 Jul 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-347

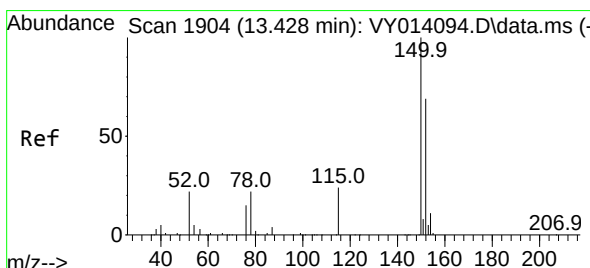
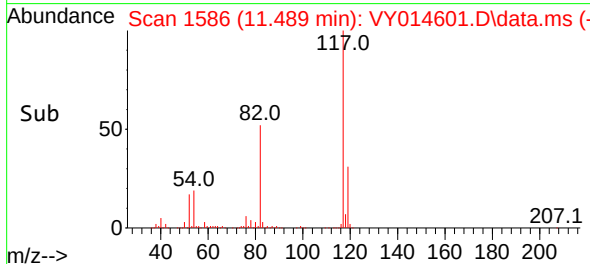
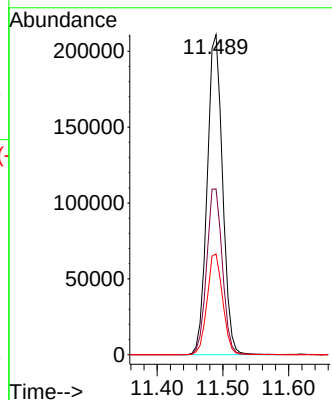
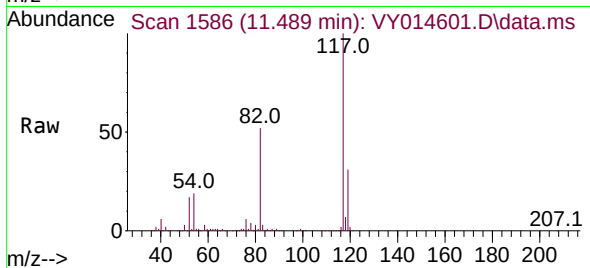
Tgt Ion:117 Resp: 343398

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 31.5 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: VY014601.D

Acq: 07 Jul 2023 16:54

Tgt Ion:152 Resp: 133951

Ion Ratio Lower Upper

152 100

115 55.1 28.8 86.5

150 156.5 0.0 348.8

