

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015930.D
 Acq On : 11 Oct 2023 17:42
 Operator : SY/MD
 Sample : 04837-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-290

Quant Time: Oct 12 01:59:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	96703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	146123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64342	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57912	66.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.120%
35) Dibromofluoromethane	7.716	113	53269	58.002	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.000%
50) Toluene-d8	10.179	98	192567	63.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	127.240%
62) 4-Bromofluorobenzene	12.483	95	60437	49.160	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.320%

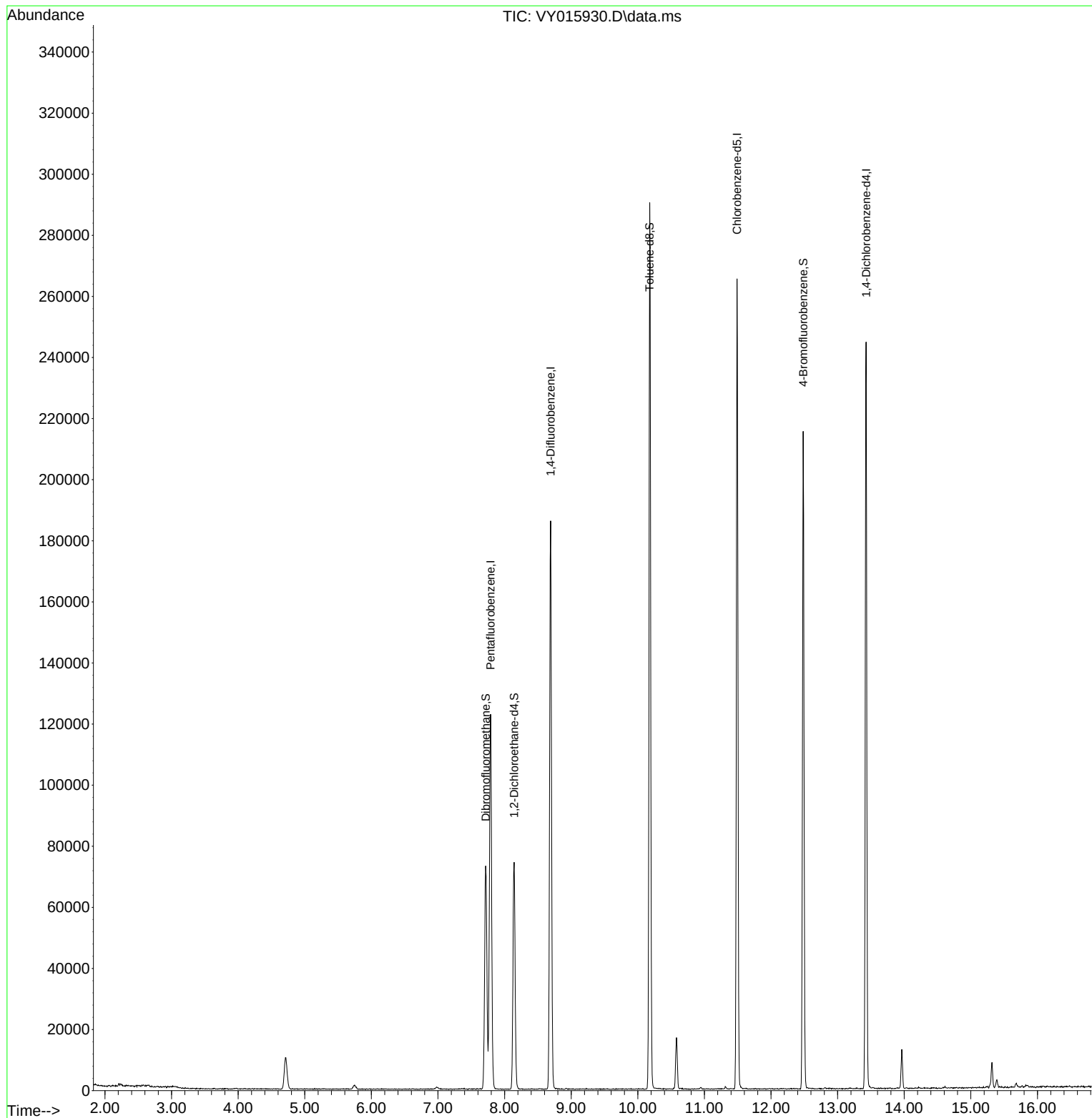
Target Compounds	Qvalue

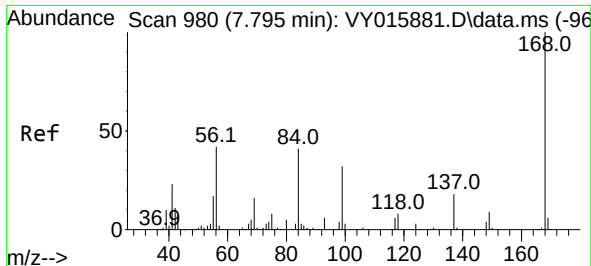
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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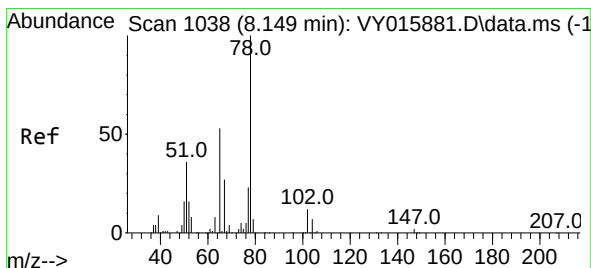
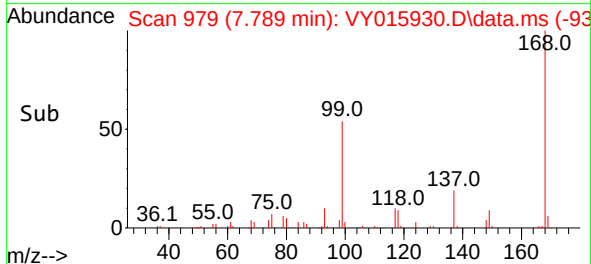
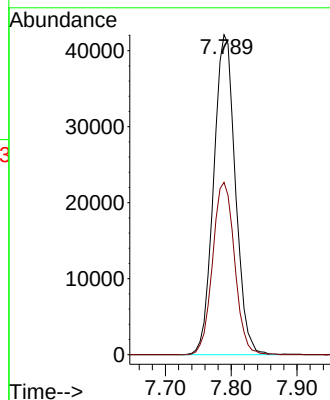
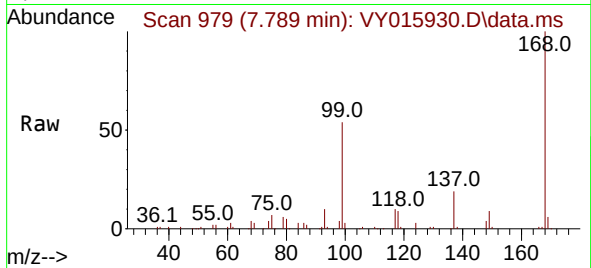




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015930.D
Acq: 11 Oct 2023 17:42

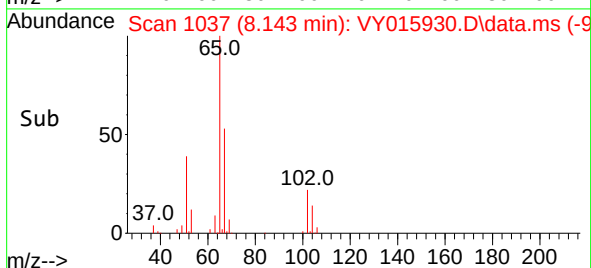
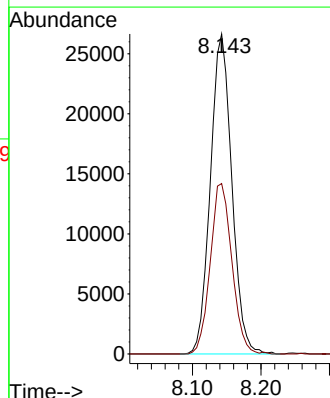
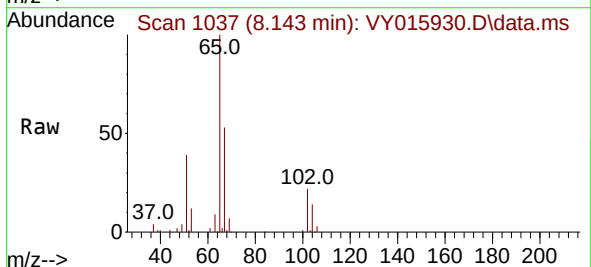
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-290

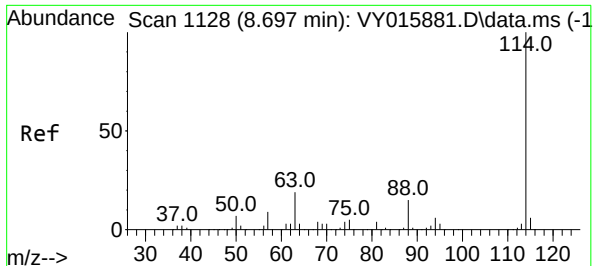
Tgt Ion:168 Resp: 96703
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 66.555 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY015930.D
Acq: 11 Oct 2023 17:42

Tgt Ion: 65 Resp: 57912
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015930.D

Acq: 11 Oct 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-290

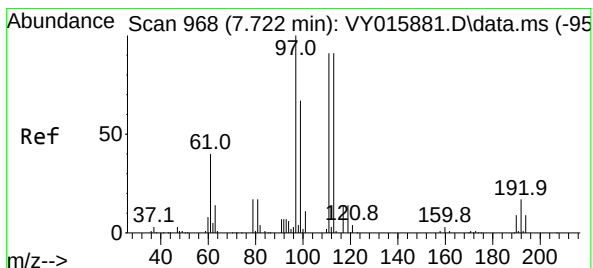
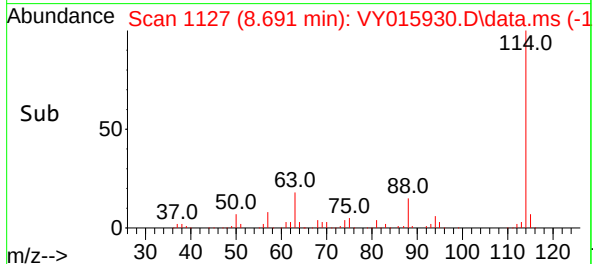
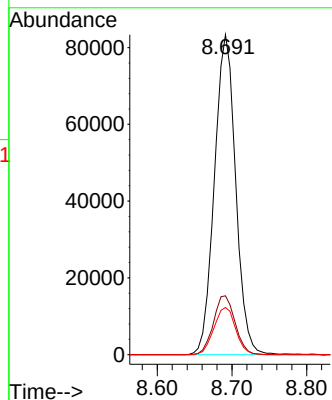
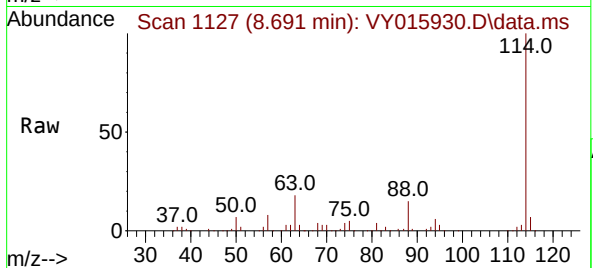
Tgt Ion:114 Resp: 164654

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.002 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY015930.D

Acq: 11 Oct 2023 17:42

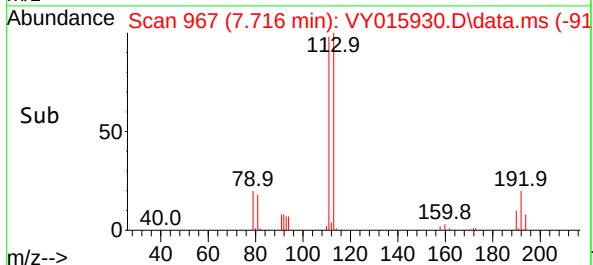
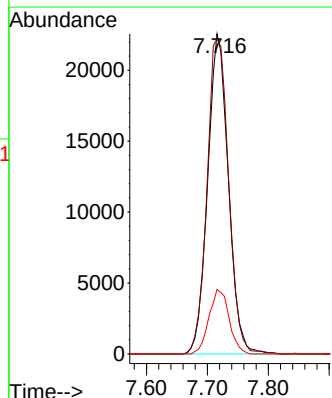
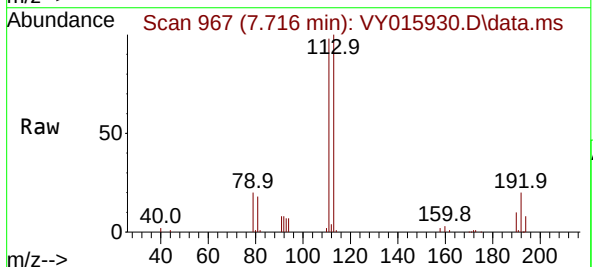
Tgt Ion:113 Resp: 53269

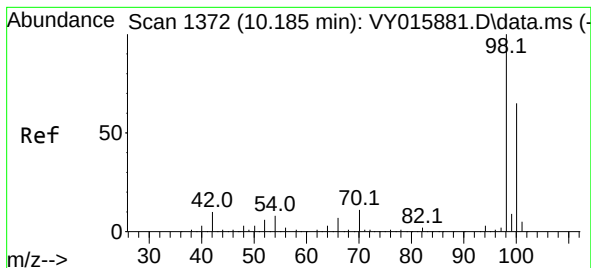
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 19.6 16.9 25.3





#50

Toluene-d8

Concen: 63.621 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015930.D

Acq: 11 Oct 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

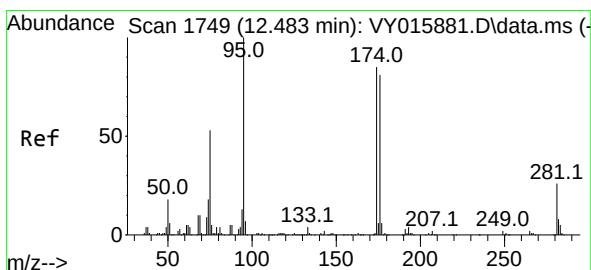
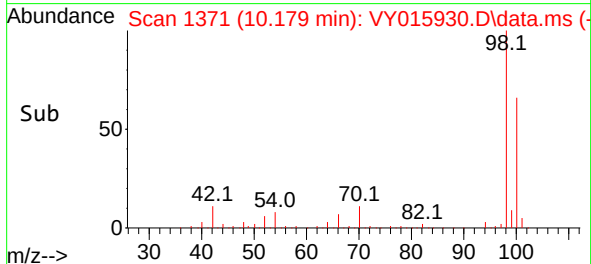
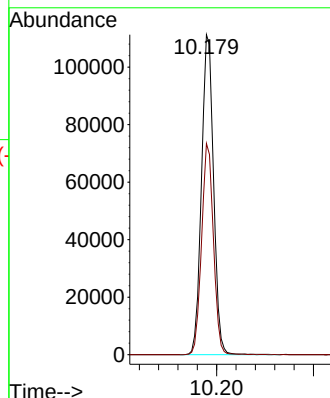
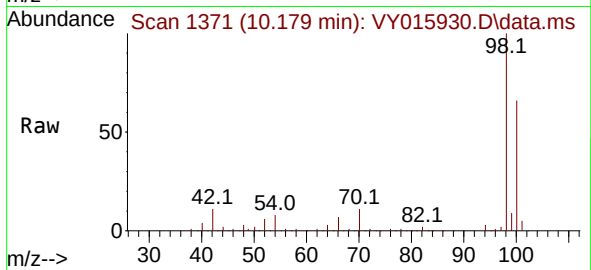
ETGI-290

Tgt Ion: 98 Resp: 192567

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 49.160 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY015930.D

Acq: 11 Oct 2023 17:42

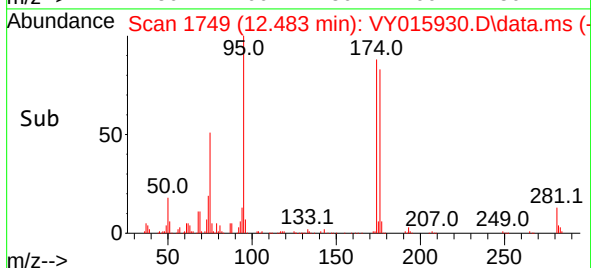
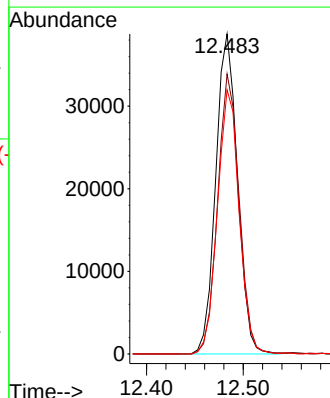
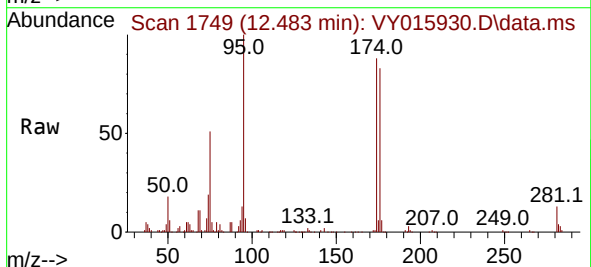
Tgt Ion: 95 Resp: 60437

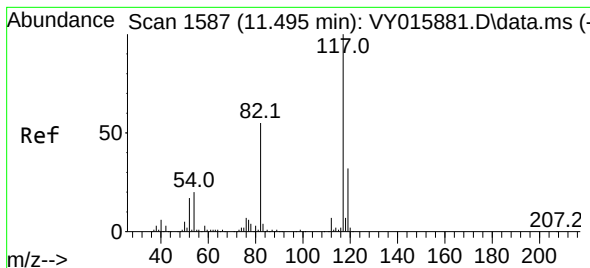
Ion Ratio Lower Upper

95 100

174 86.6 0.0 178.2

176 82.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015930.D

Acq: 11 Oct 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-290

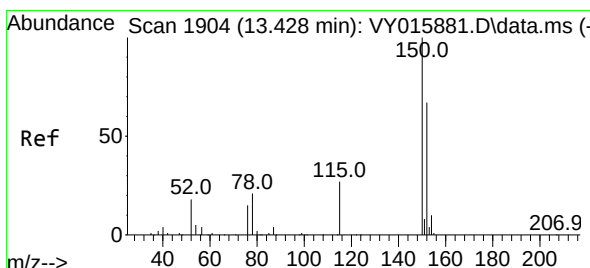
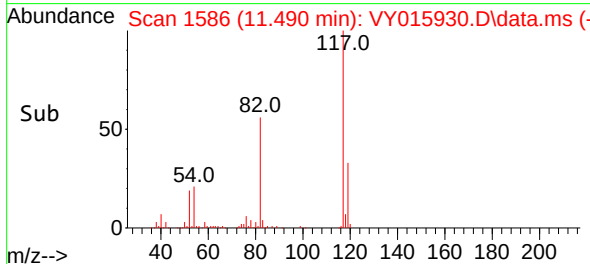
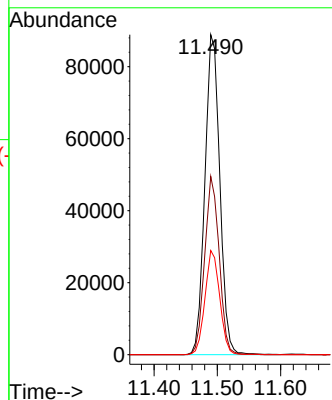
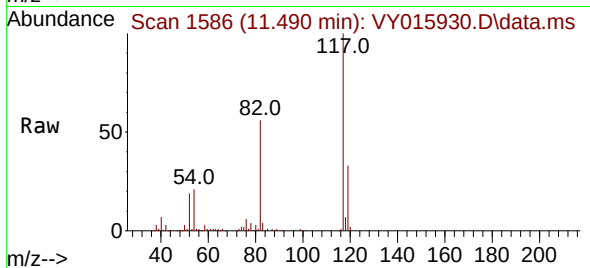
Tgt Ion:117 Resp: 146123

Ion Ratio Lower Upper

117 100

82 55.7 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015930.D

Acq: 11 Oct 2023 17:42

Tgt Ion:152 Resp: 64342

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 159.8 0.0 348.8

