

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013574.D
 Acq On : 03 May 2023 12:16
 Operator : KP/MD
 Sample : 02569-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-339

Quant Time: May 03 15:38:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	225557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	387337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	375007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170450	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	162346	65.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.320%
35) Dibromofluoromethane	7.715	113	134408	55.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.340%
50) Toluene-d8	10.178	98	474327	54.731	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.460%
62) 4-Bromofluorobenzene	12.483	95	151342	51.800	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.600%

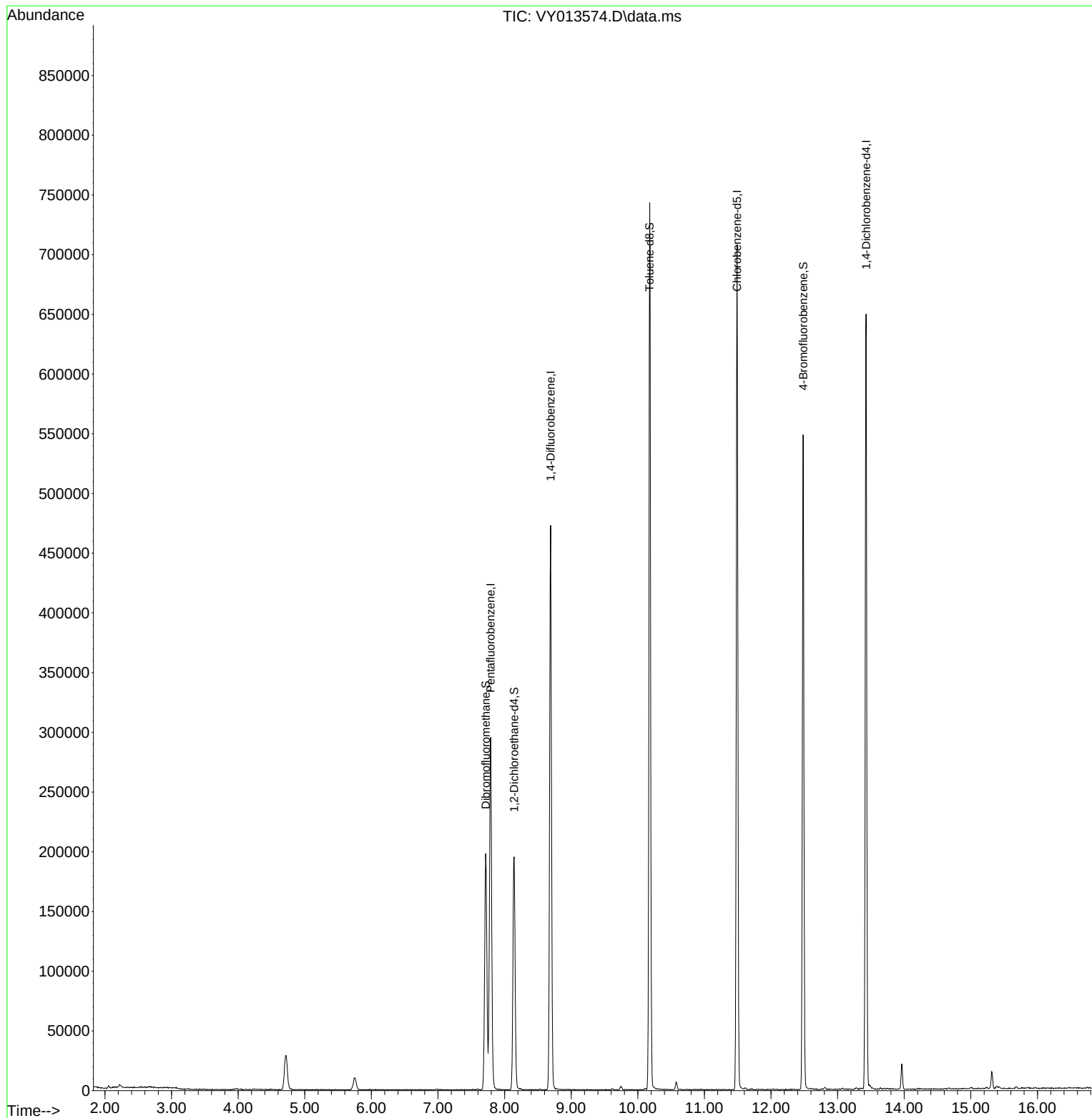
Target Compounds	Qvalue

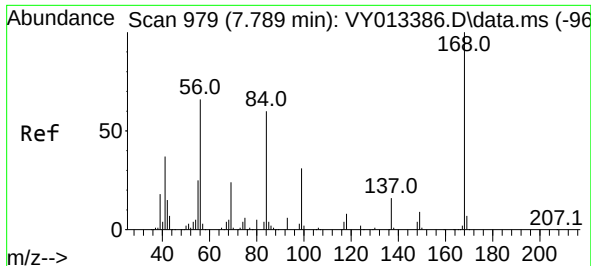
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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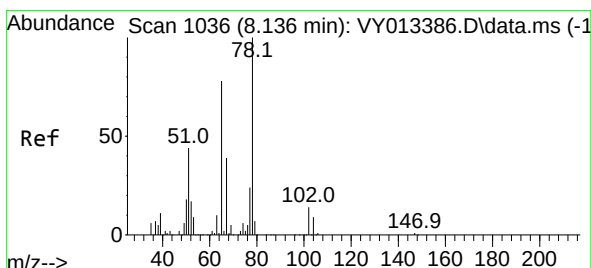
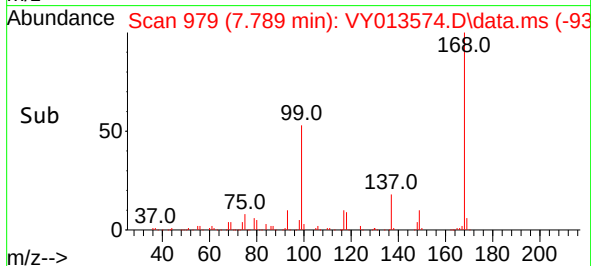
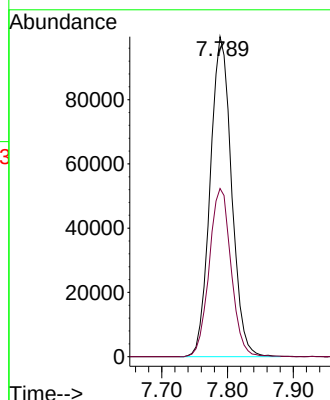
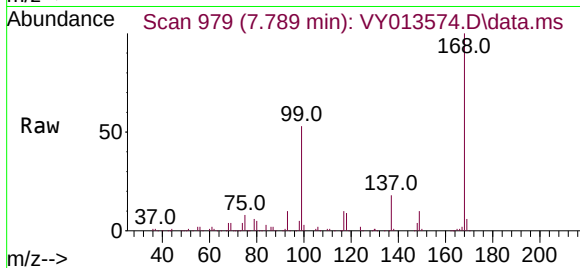




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013574.D
Acq: 03 May 2023 12:16

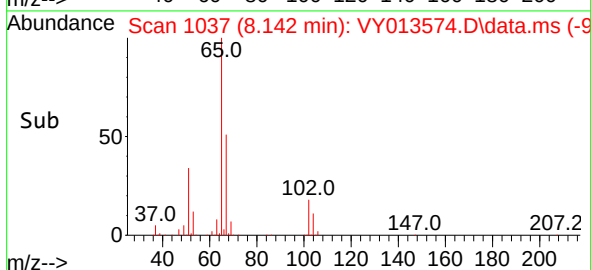
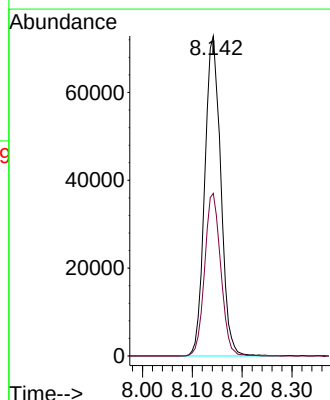
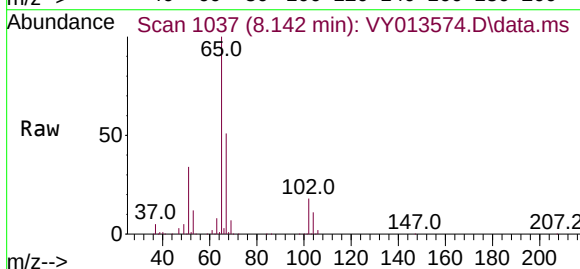
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-339

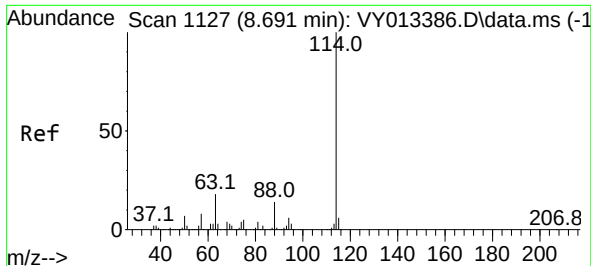
Tgt Ion:168 Resp: 225557
Ion Ratio Lower Upper
168 100
99 52.5 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 65.658 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013574.D
Acq: 03 May 2023 12:16

Tgt Ion: 65 Resp: 162346
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013574.D

Acq: 03 May 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-339

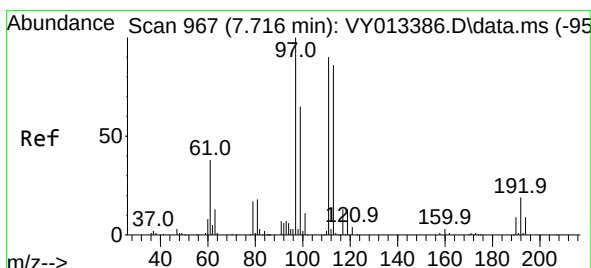
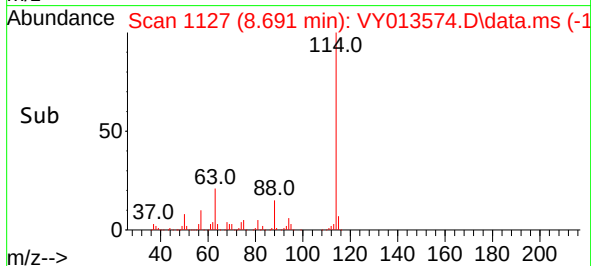
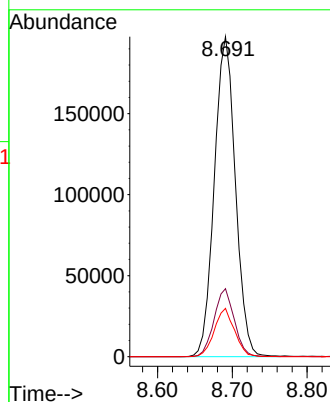
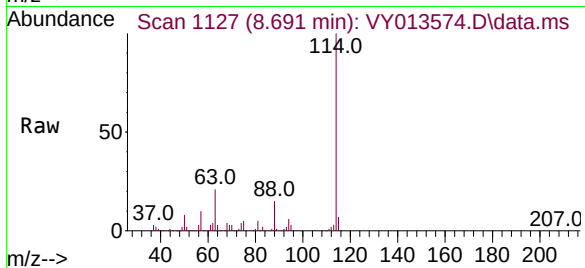
Tgt Ion:114 Resp: 387337

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.6

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.172 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY013574.D

Acq: 03 May 2023 12:16

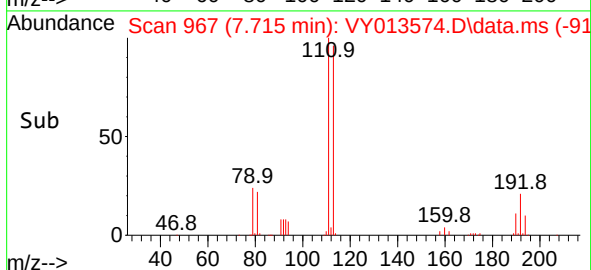
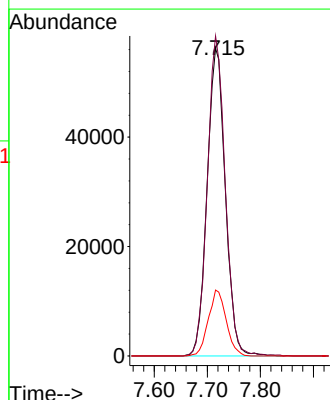
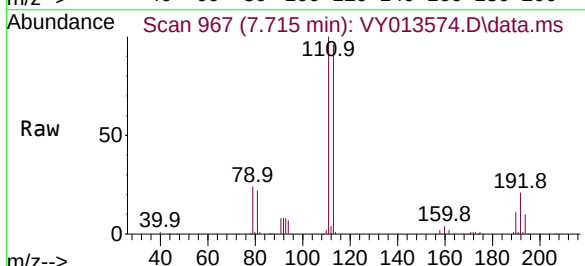
Tgt Ion:113 Resp: 134408

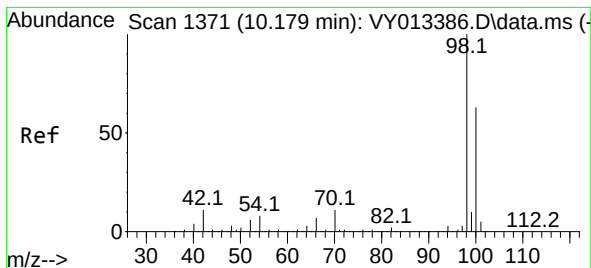
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

192 21.0 16.7 25.1





#50

Toluene-d8

Concen: 54.731 ug/l

RT: 10.178 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY013574.D

Acq: 03 May 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

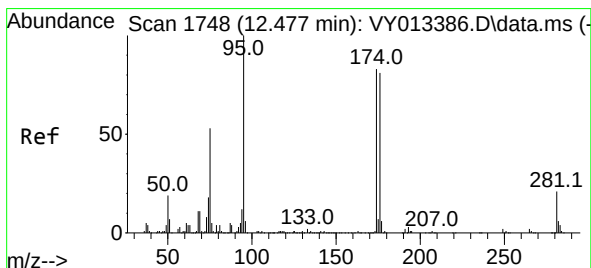
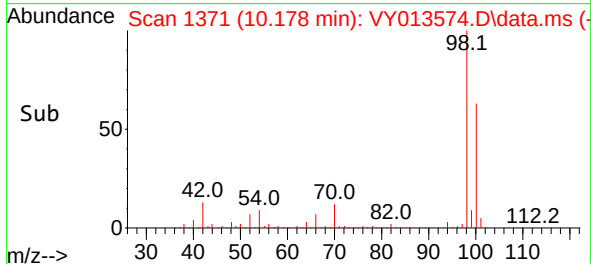
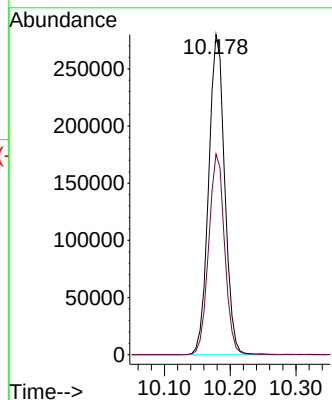
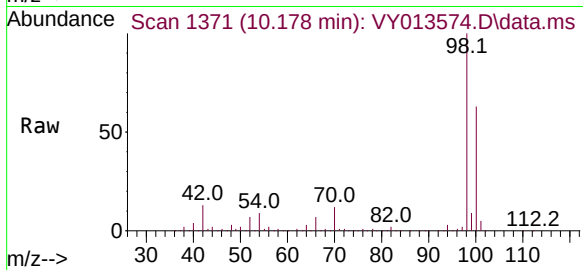
ETGI-339

Tgt Ion: 98 Resp: 474327

Ion Ratio Lower Upper

98 100

100 62.4 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 51.800 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013574.D

Acq: 03 May 2023 12:16

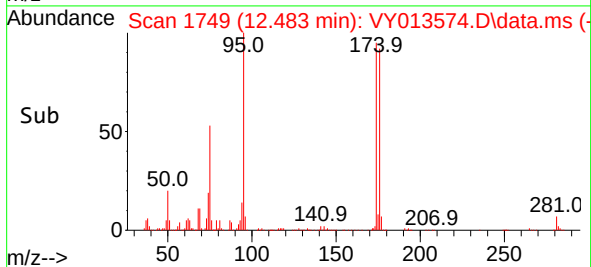
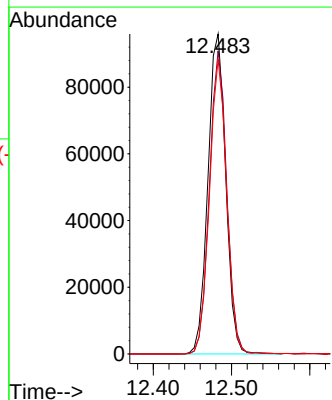
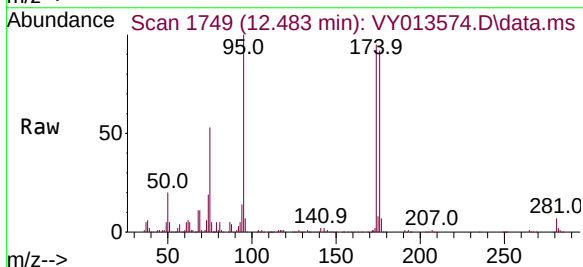
Tgt Ion: 95 Resp: 151342

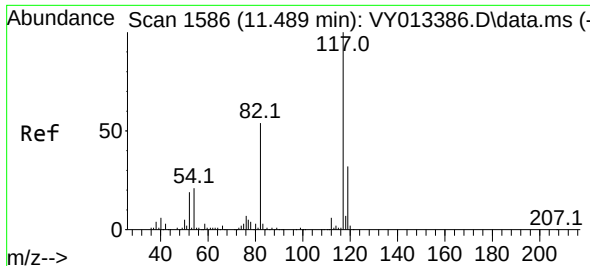
Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.0

176 89.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013574.D

Acq: 03 May 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-339

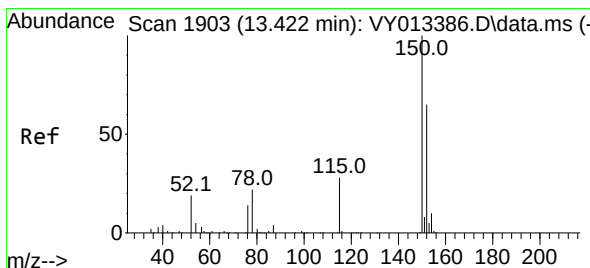
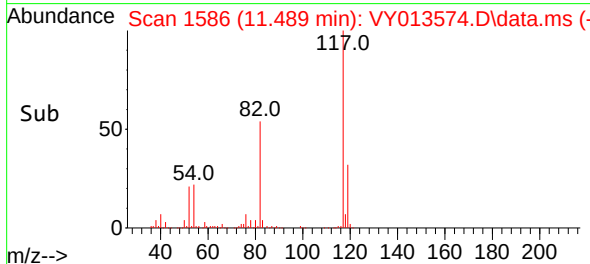
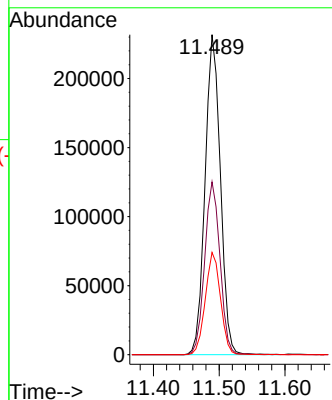
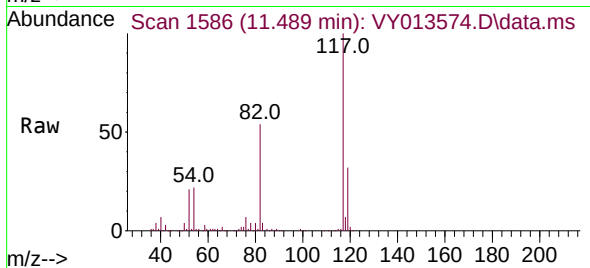
Tgt Ion:117 Resp: 375007

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.6

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013574.D

Acq: 03 May 2023 12:16

Tgt Ion:152 Resp: 170450

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 155.7 0.0 352.0

