

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012405.D
 Acq On : 30 Jan 2023 18:08
 Operator : KP/MD
 Sample : 01345-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-346RE

Quant Time: Jan 31 01:49:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	16338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	23908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	19939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8076	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8767	65.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.000%
35) Dibromofluoromethane	7.716	113	6520	51.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.000%
50) Toluene-d8	10.179	98	26751	62.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	124.060%
62) 4-Bromofluorobenzene	12.483	95	7574	42.442	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.880%

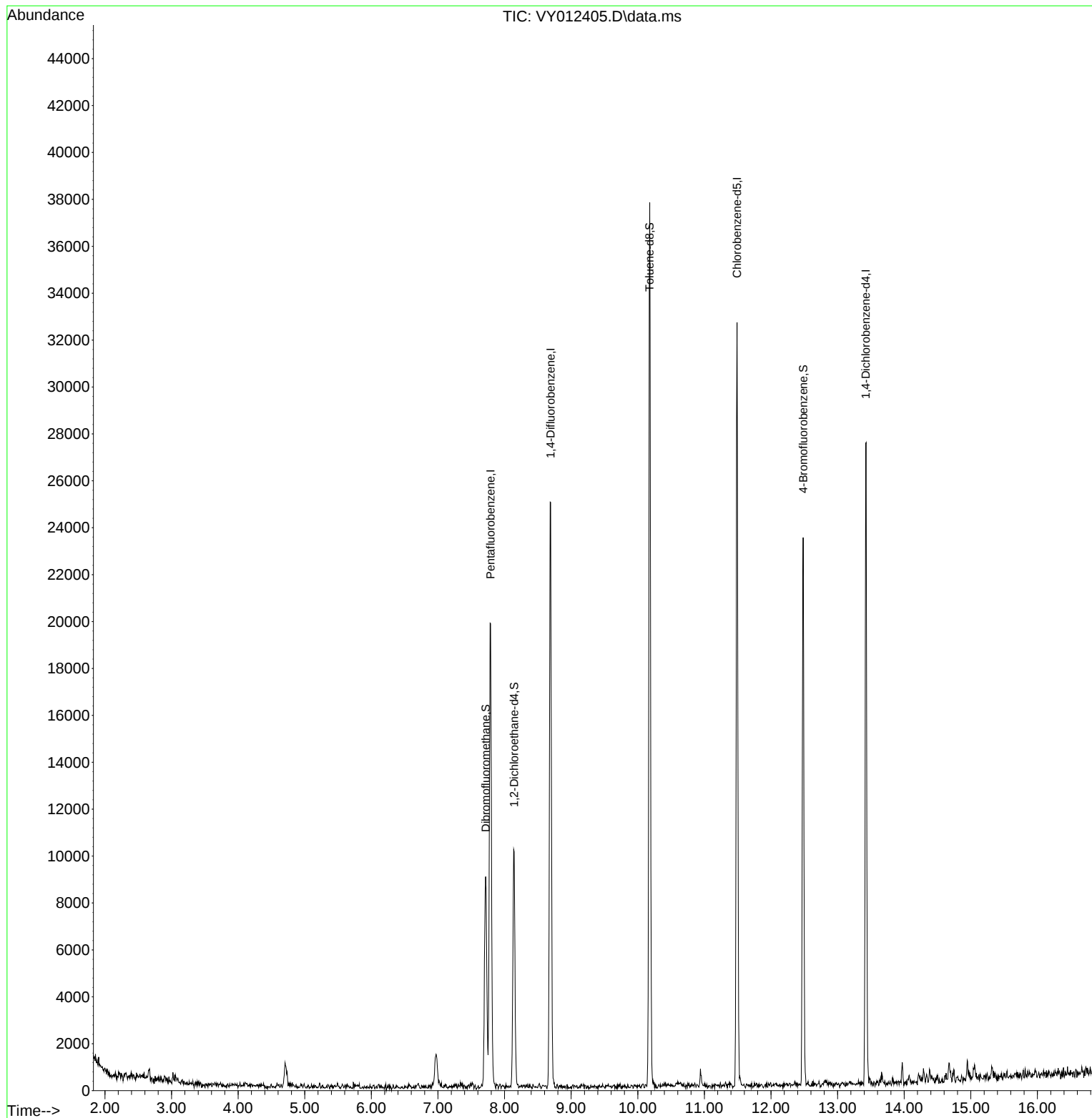
Target Compounds	Qvalue

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

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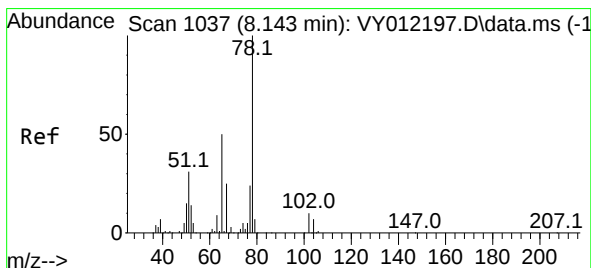
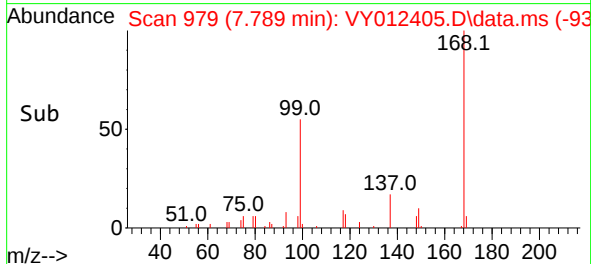
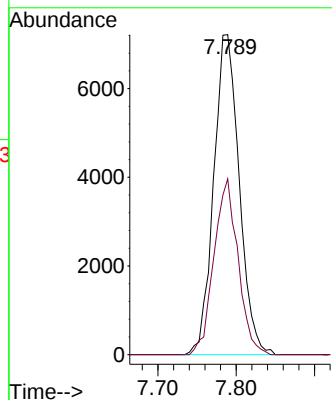
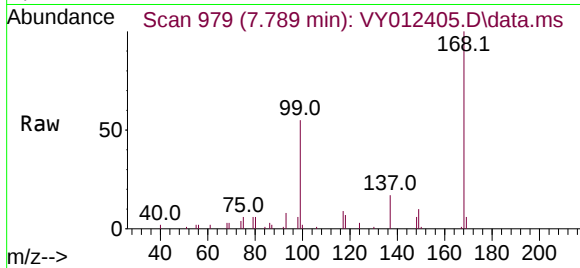




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012405.D
Acq: 30 Jan 2023 18:08

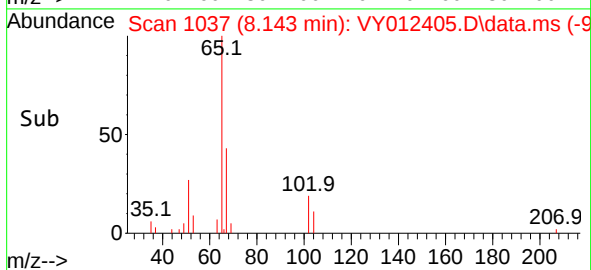
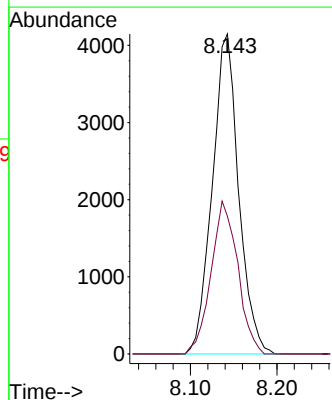
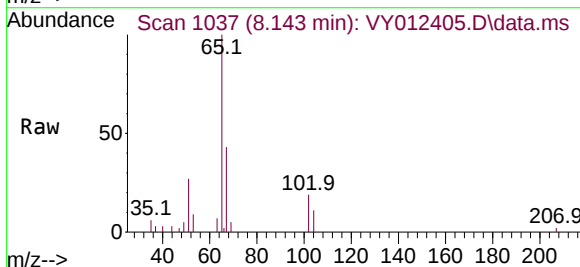
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-346RE

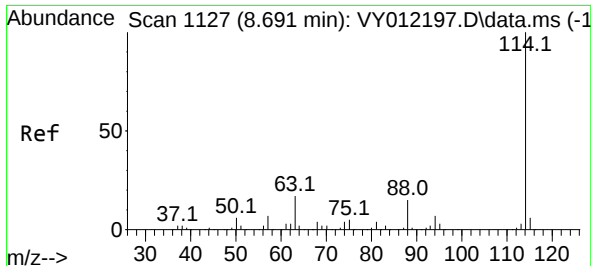
Tgt Ion:168 Resp: 16338
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 65.996 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012405.D
Acq: 30 Jan 2023 18:08

Tgt Ion: 65 Resp: 8767
Ion Ratio Lower Upper
65 100
67 48.4 0.0 103.2

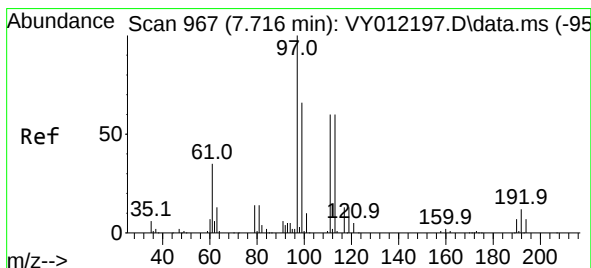
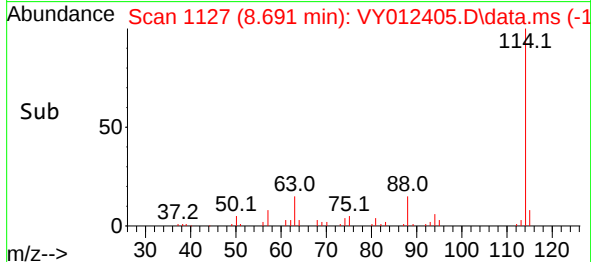
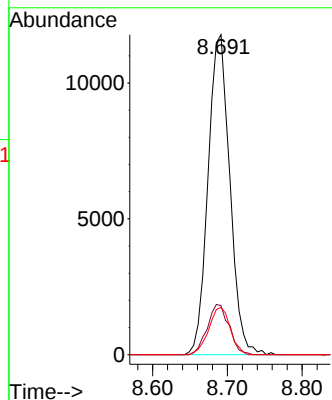
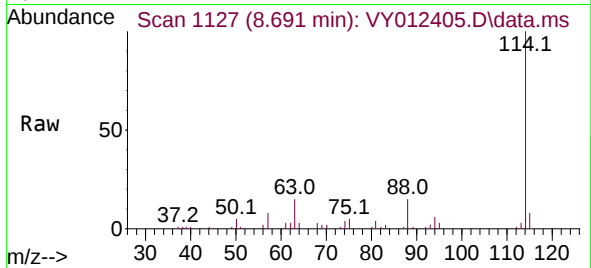




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012405.D
Acq: 30 Jan 2023 18:08

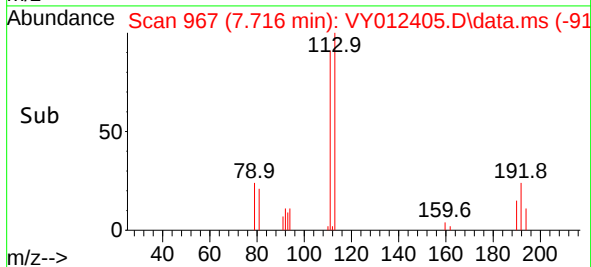
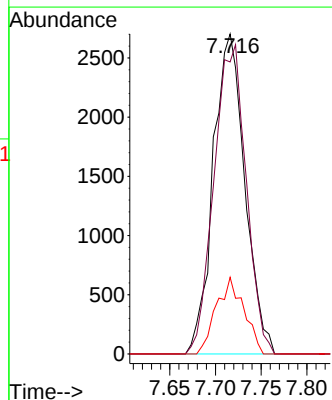
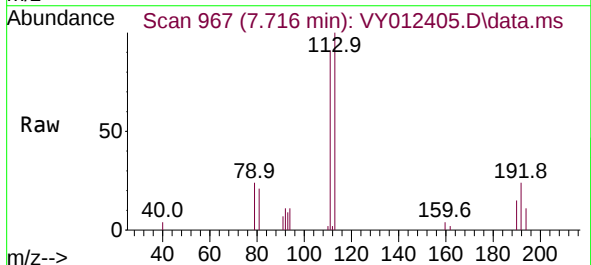
Instrument :
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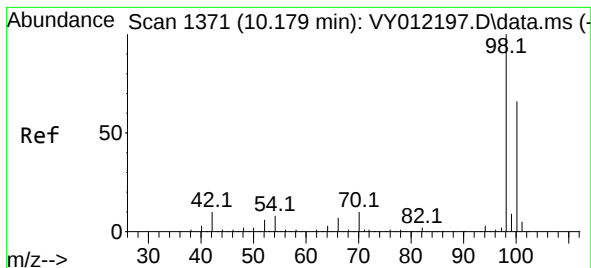
Tgt Ion:114	Resp:	23908
Ion Ratio	Lower	Upper
114	100	
63	15.4	0.0 39.6
88	14.8	0.0 32.2



#35
Dibromofluoromethane
Concen: 51.504 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012405.D
Acq: 30 Jan 2023 18:08

Tgt Ion:113	Resp:	6520
Ion Ratio	Lower	Upper
113	100	
111	98.0	83.0 124.4
192	20.9	16.0 24.0





#50

Toluene-d8

Concen: 62.031 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012405.D

Acq: 30 Jan 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

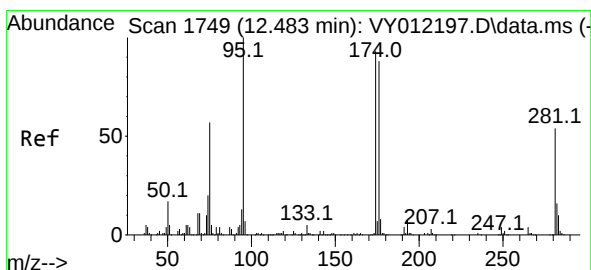
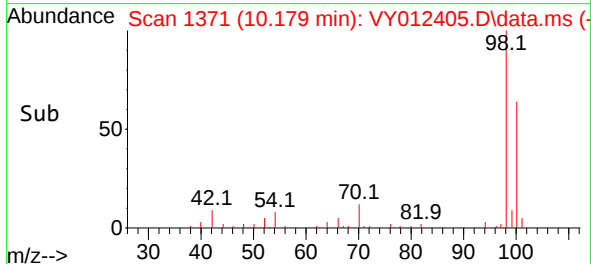
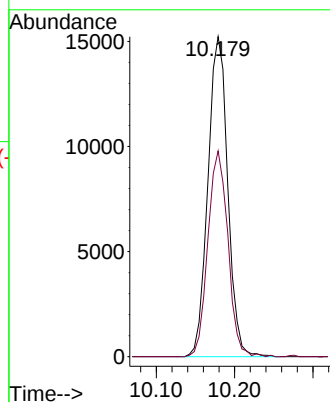
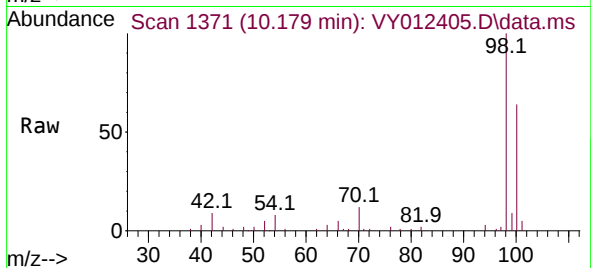
ETGI-346RE

Tgt Ion: 98 Resp: 26751

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 42.442 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012405.D

Acq: 30 Jan 2023 18:08

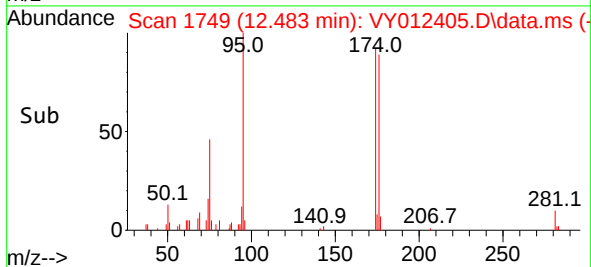
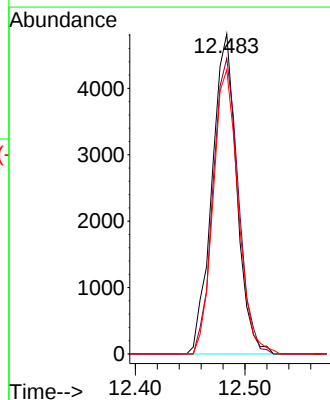
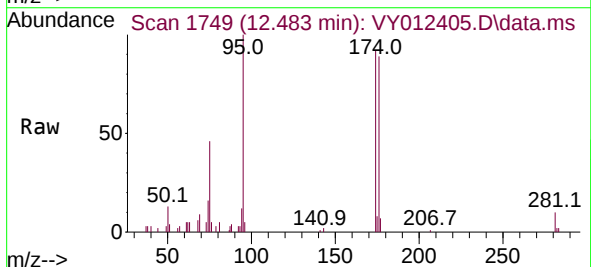
Tgt Ion: 95 Resp: 7574

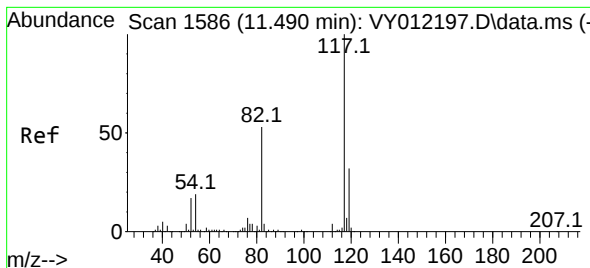
Ion Ratio Lower Upper

95 100

174 94.2 0.0 172.0

176 89.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012405.D

Acq: 30 Jan 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-346RE

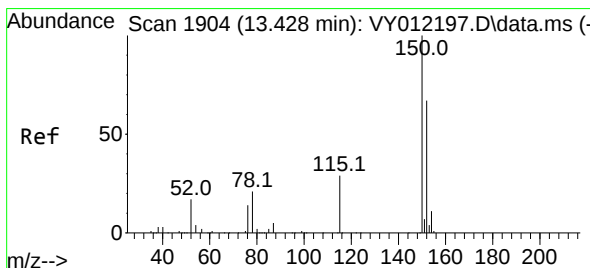
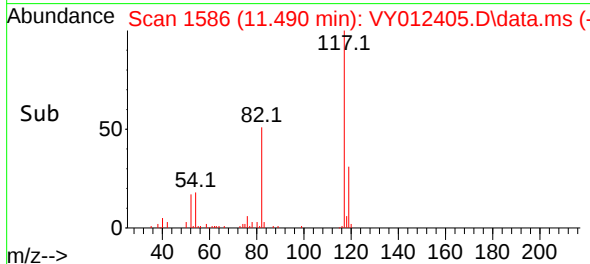
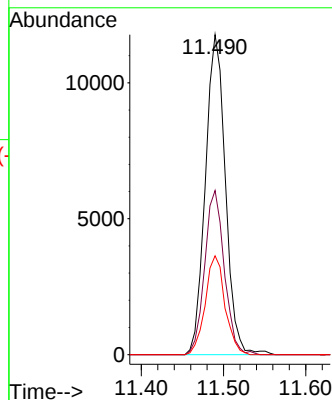
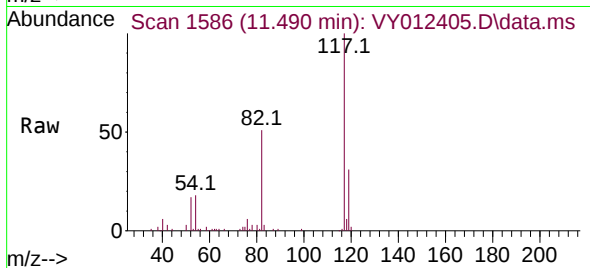
Tgt Ion:117 Resp: 19939

Ion Ratio Lower Upper

117 100

82 51.3 44.8 67.2

119 30.9 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY012405.D

Acq: 30 Jan 2023 18:08

Tgt Ion:152 Resp: 8076

Ion Ratio Lower Upper

152 100

115 55.0 29.1 87.3

150 159.7 0.0 342.6

