

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017557.D
 Acq On : 01 Mar 2024 17:48
 Operator : SY/MD
 Sample : P1662-01
 Misc : 3.91g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-352

Quant Time: Mar 02 00:21:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	111292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	182071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	53070	50.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.640%
35) Dibromofluoromethane	7.722	113	64137	45.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.720%
50) Toluene-d8	10.185	98	231858	46.897	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.800%
62) 4-Bromofluorobenzene	12.489	95	62534	40.247	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.500%

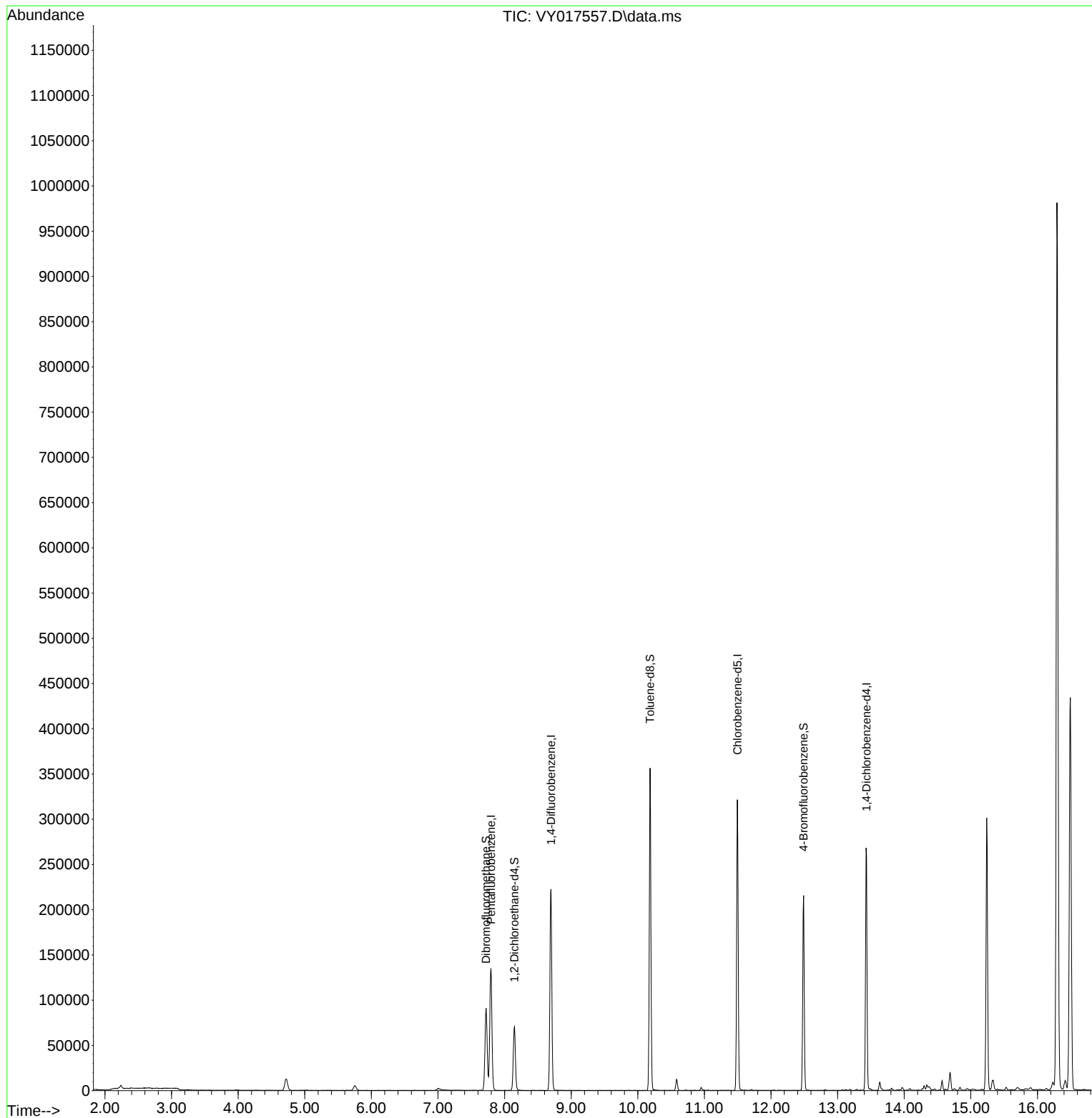
Target Compounds	Qvalue

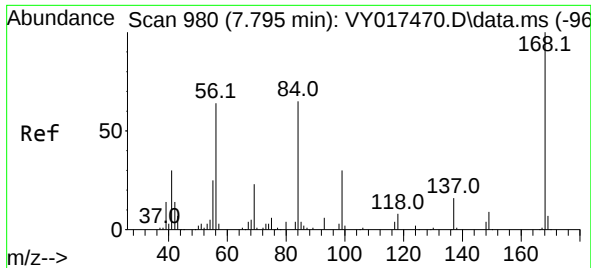
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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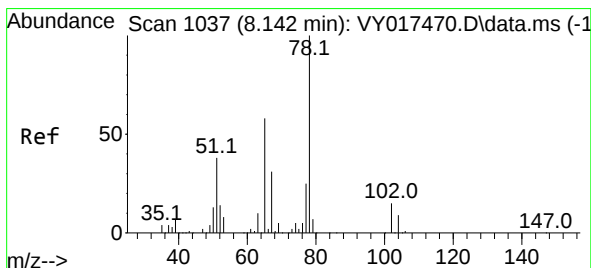
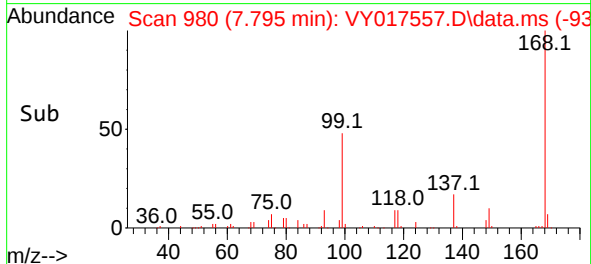
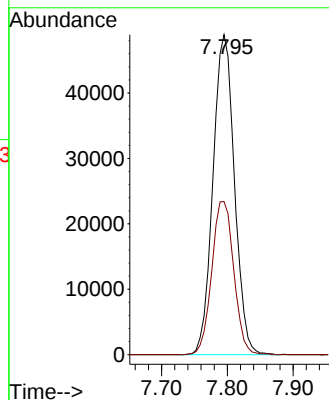
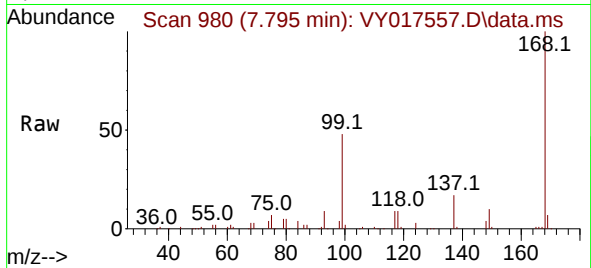




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017557.D
Acq: 01 Mar 2024 17:48

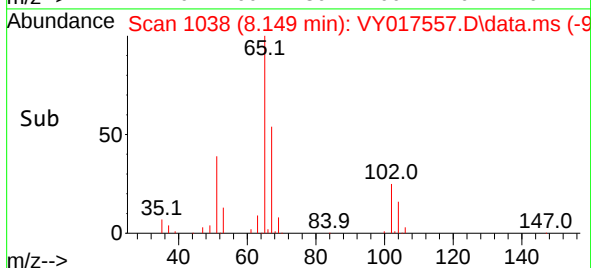
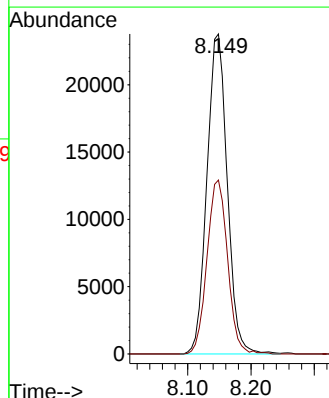
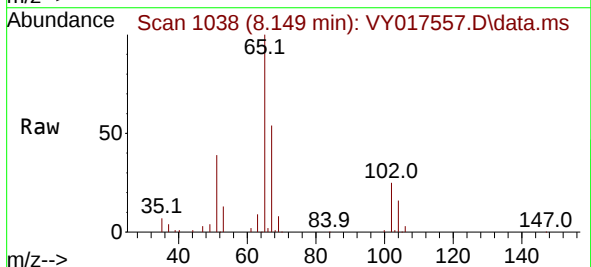
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-352

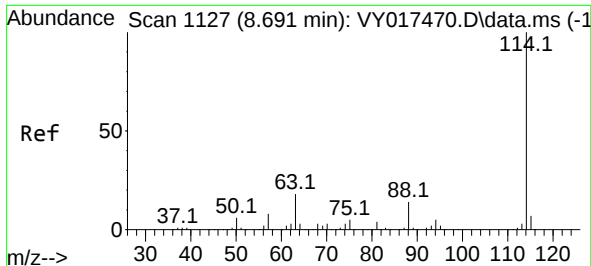
Tgt Ion:168 Resp: 111292
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.315 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017557.D
Acq: 01 Mar 2024 17:48

Tgt Ion: 65 Resp: 53070
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017557.D

Acq: 01 Mar 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-352

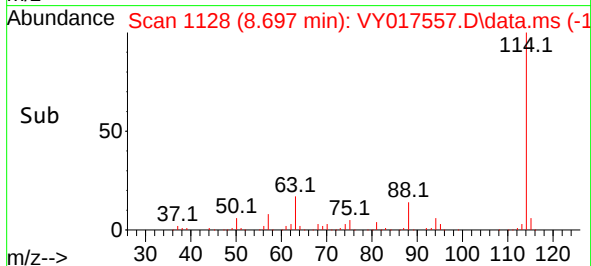
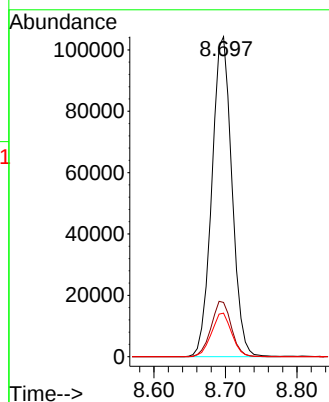
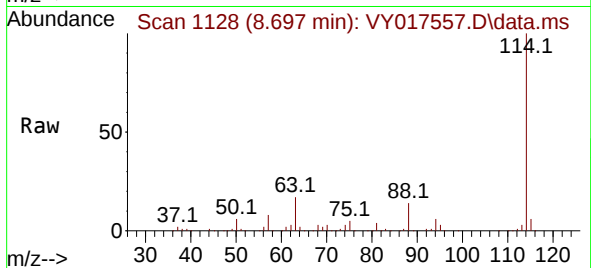
Tgt Ion:114 Resp: 202922

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.358 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017557.D

Acq: 01 Mar 2024 17:48

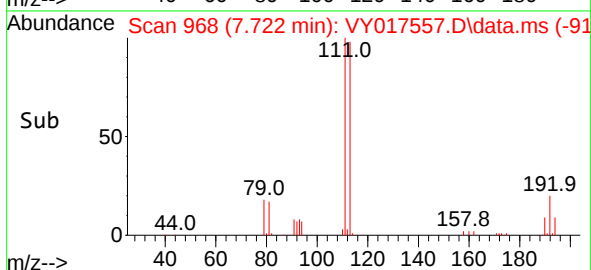
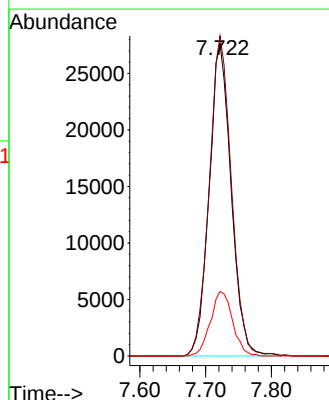
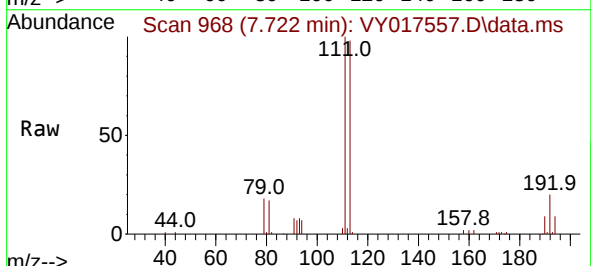
Tgt Ion:113 Resp: 64137

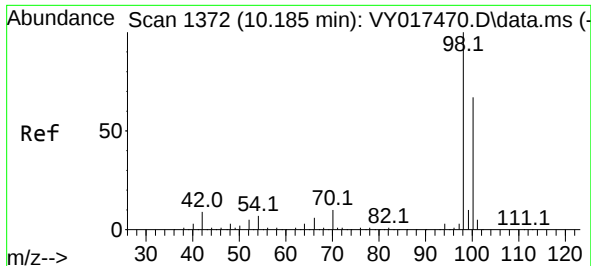
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 20.9 15.9 23.9

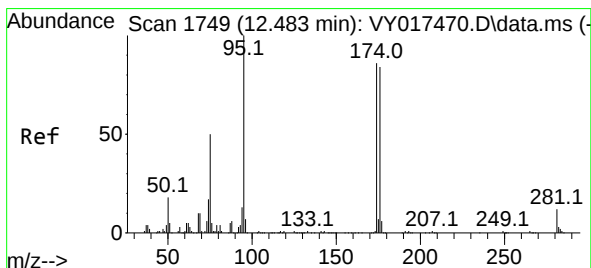
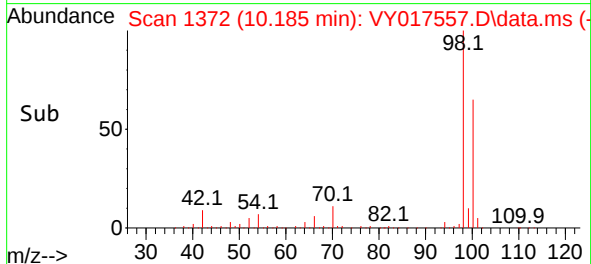
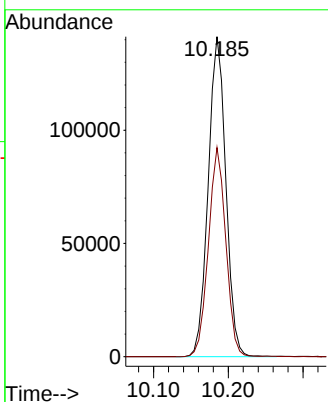
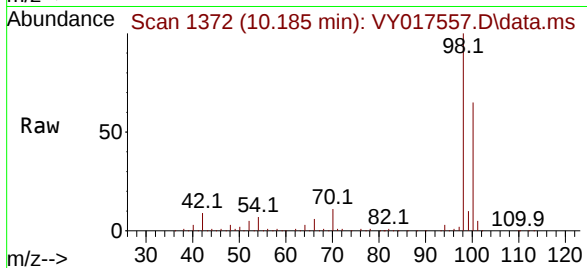




#50
Toluene-d8
Concen: 46.897 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017557.D
Acq: 01 Mar 2024 17:48

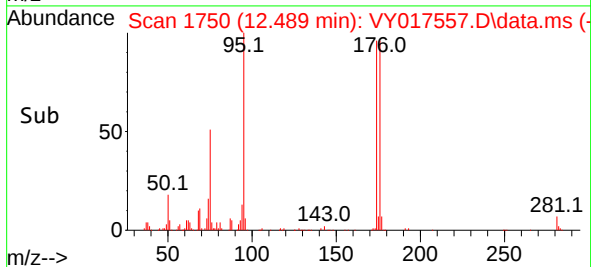
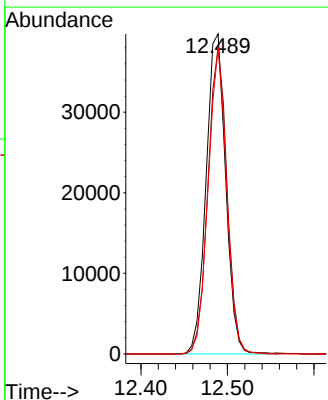
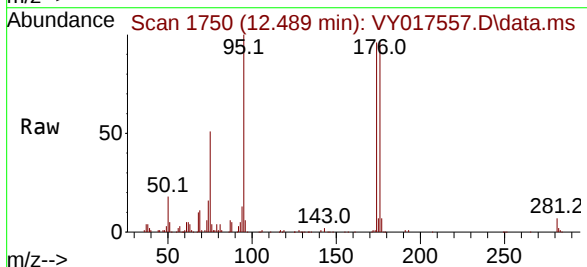
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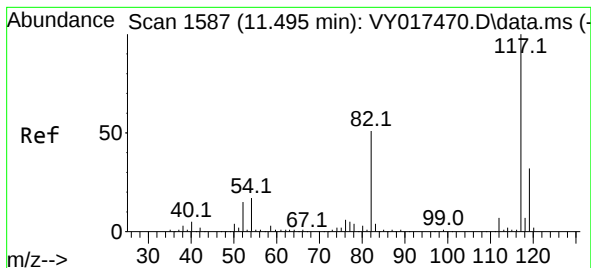
Tgt Ion: 98 Resp: 231858
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.247 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017557.D
Acq: 01 Mar 2024 17:48

Tgt Ion: 95 Resp: 62534
Ion Ratio Lower Upper
95 100
174 93.1 0.0 175.6
176 90.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017557.D

Acq: 01 Mar 2024 17:48

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-352

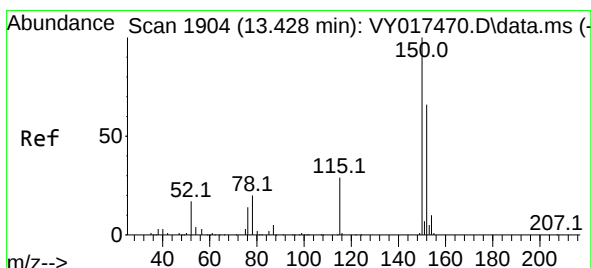
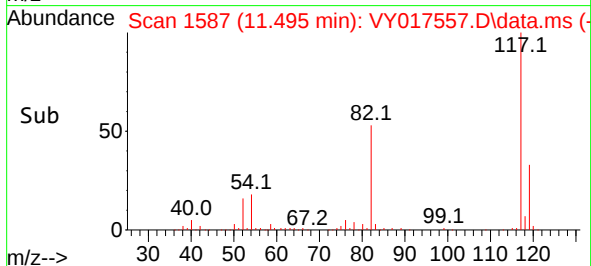
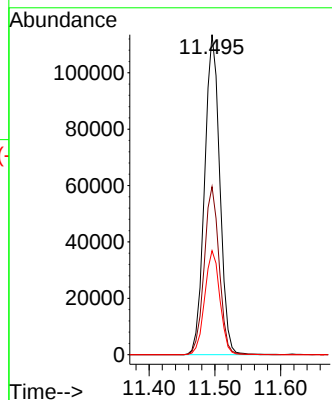
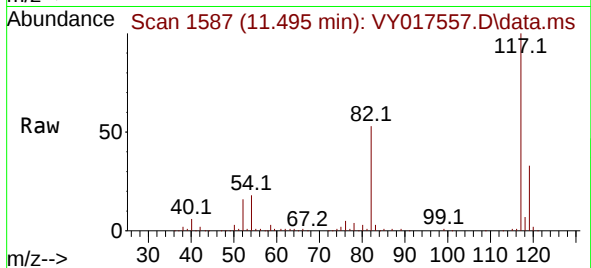
Tgt Ion:117 Resp: 182071

Ion Ratio Lower Upper

117 100

82 52.5 42.4 63.6

119 32.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017557.D

Acq: 01 Mar 2024 17:48

Tgt Ion:152 Resp: 72108

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 157.5 0.0 345.6

