

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017596.D
 Acq On : 06 Mar 2024 17:50
 Operator : SY/MD
 Sample : P1688-05
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-5

Quant Time: Mar 07 02:10:15 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	7.789	168	109062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	182036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60272	58.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.620%
35) Dibromofluoromethane	7.716	113	67053	48.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.180%
50) Toluene-d8	10.179	98	228846	46.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.880%
62) 4-Bromofluorobenzene	12.483	95	63402	41.379	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.760%

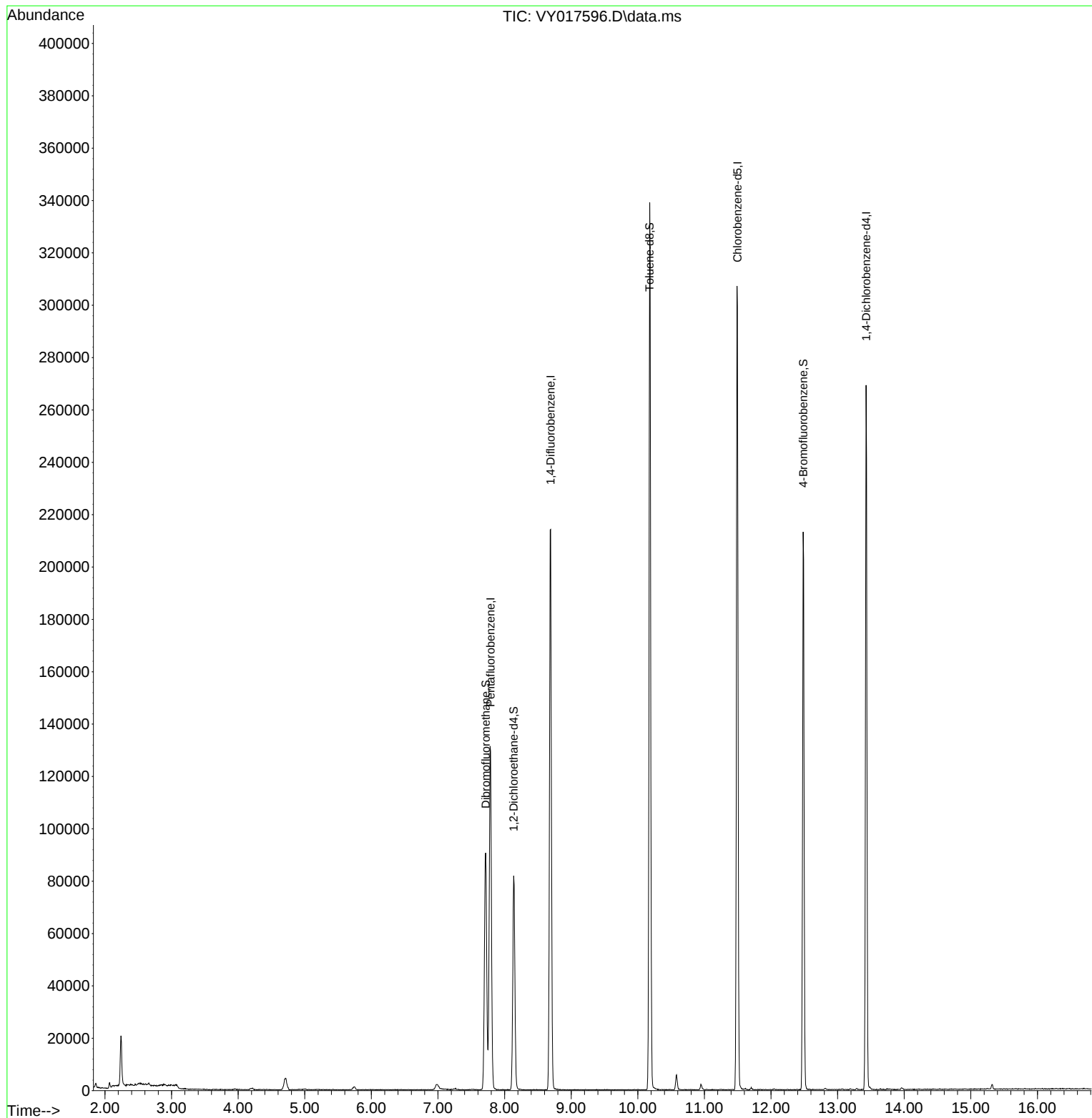
Target Compounds	Qvalue

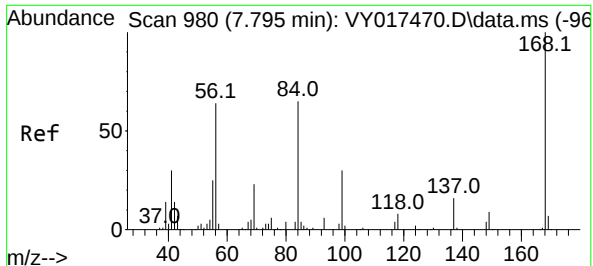
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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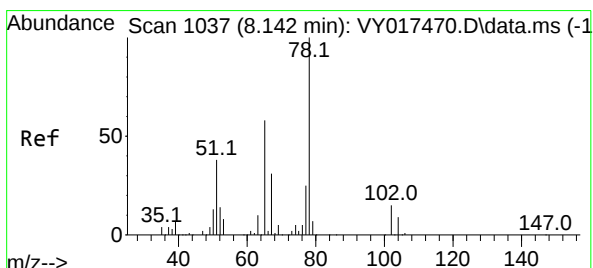
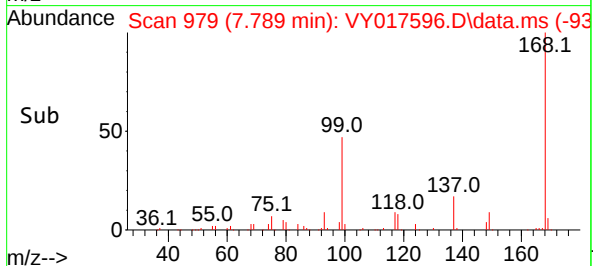
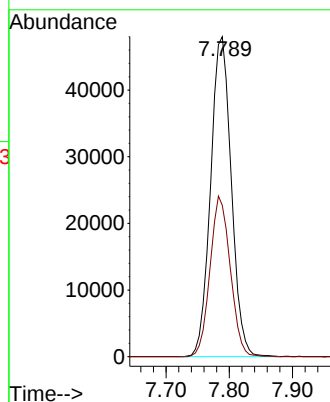
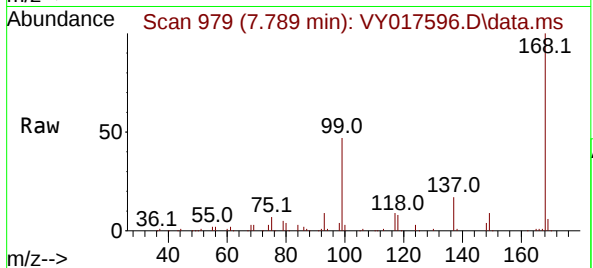




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

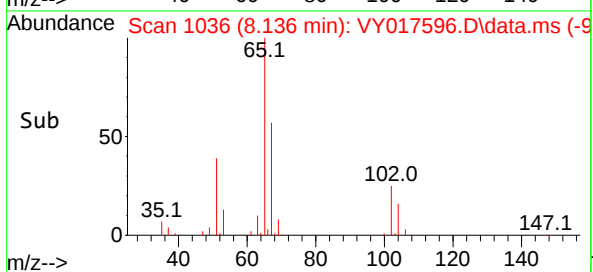
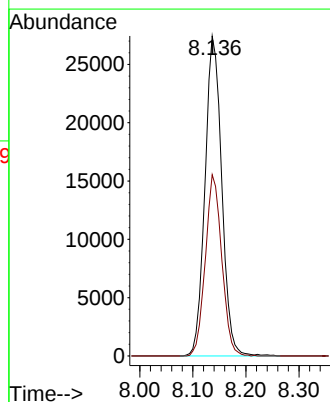
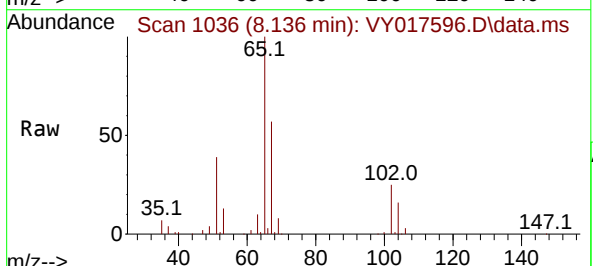
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

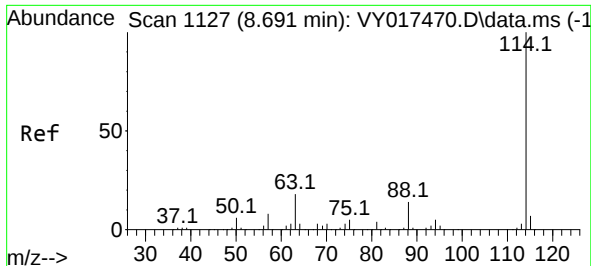
Tgt Ion:168 Resp: 109062
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.312 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

Tgt Ion: 65 Resp: 60272
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017596.D

Acq: 06 Mar 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

COMP-5

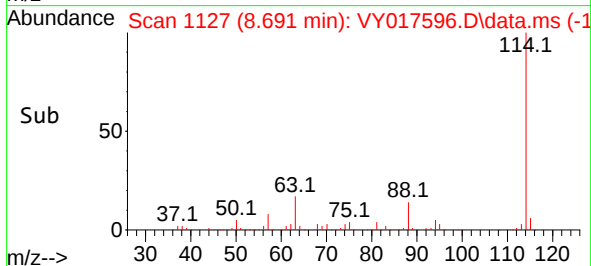
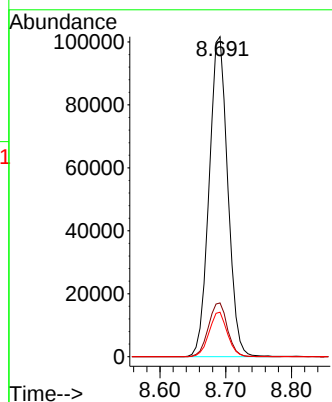
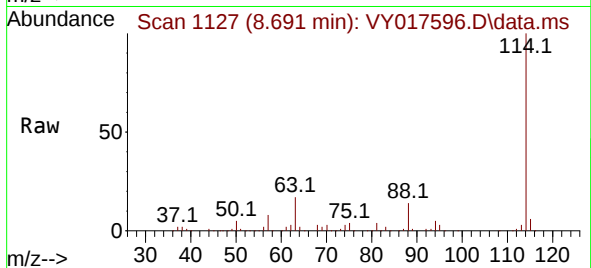
Tgt Ion:114 Resp: 200109

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.087 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017596.D

Acq: 06 Mar 2024 17:50

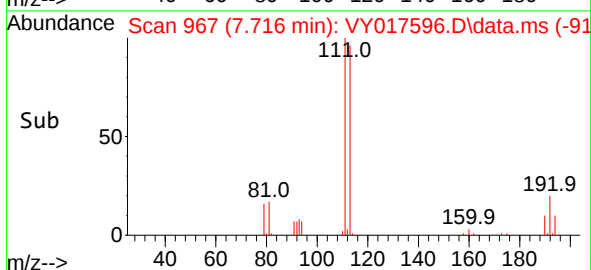
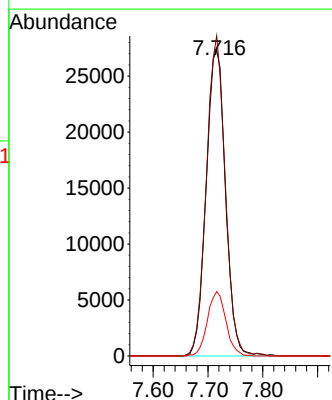
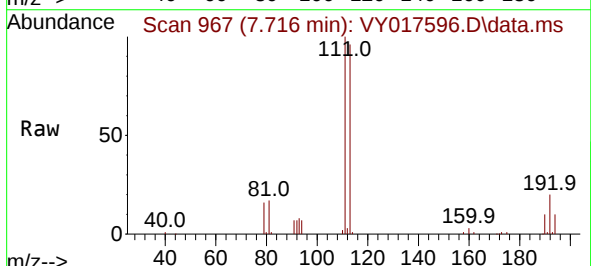
Tgt Ion:113 Resp: 67053

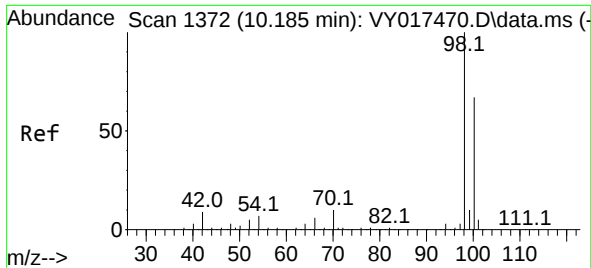
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 20.1 15.9 23.9

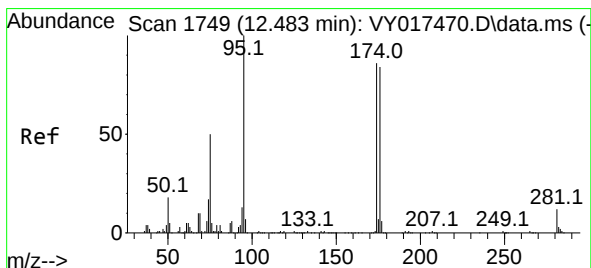
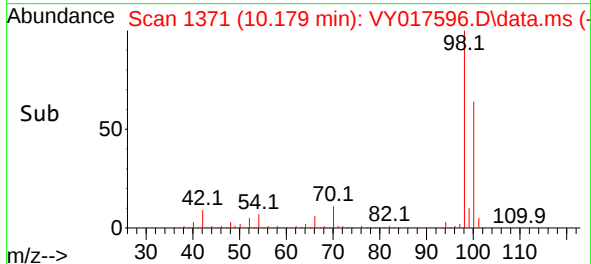
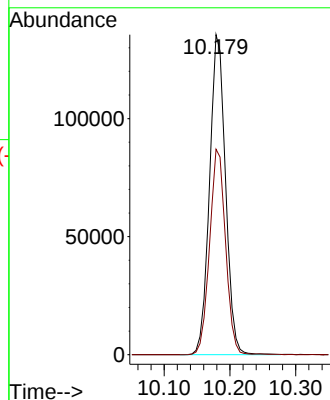
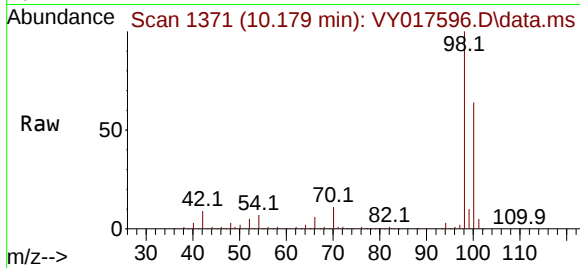




#50
Toluene-d8
Concen: 46.939 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

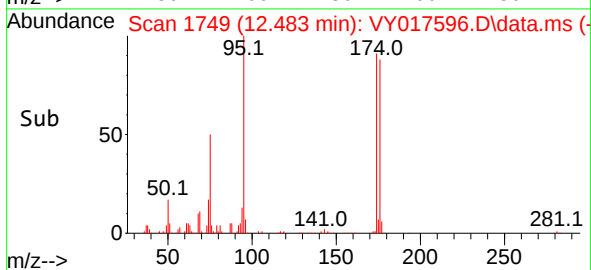
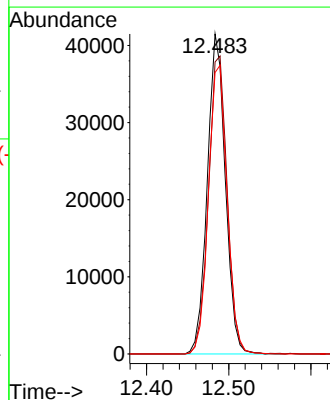
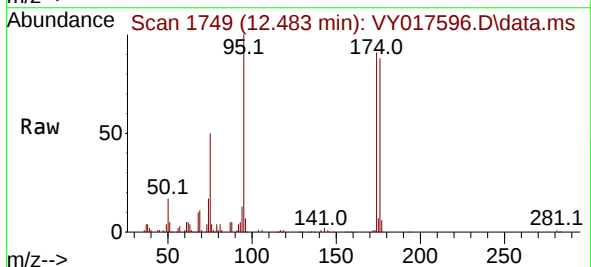
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

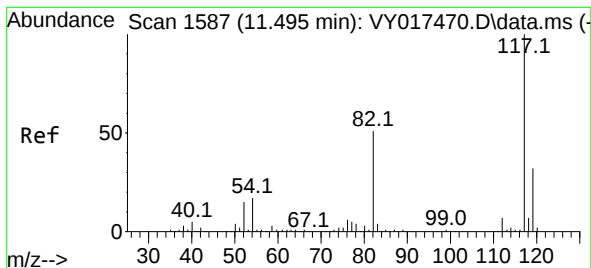
Tgt Ion: 98 Resp: 228846
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.379 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

Tgt Ion: 95 Resp: 63402
Ion Ratio Lower Upper
95 100
174 96.1 0.0 175.6
176 93.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017596.D

Acq: 06 Mar 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

COMP-5

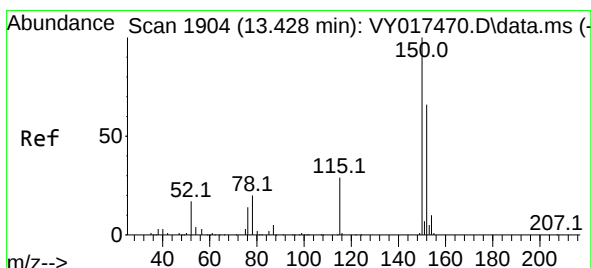
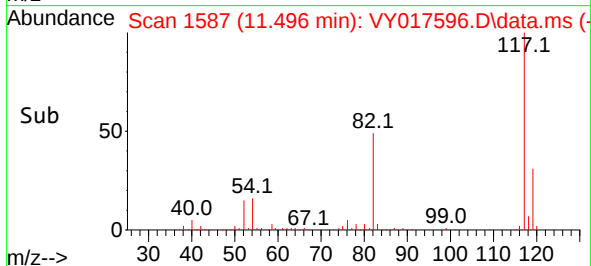
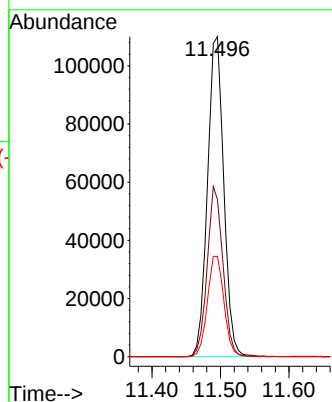
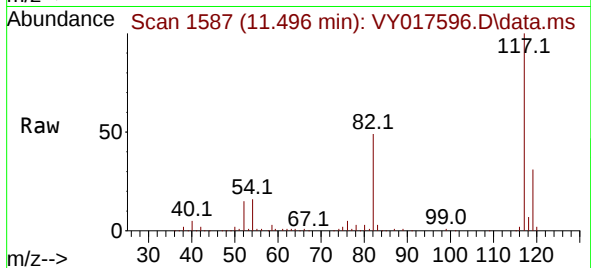
Tgt Ion:117 Resp: 182036

Ion Ratio Lower Upper

117 100

82 49.0 42.4 63.6

119 31.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017596.D

Acq: 06 Mar 2024 17:50

Tgt Ion:152 Resp: 72281

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 157.8 0.0 345.6

