

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019678.D
 Acq On : 24 Sep 2024 13:34
 Operator : SY/MD
 Sample : P4149-15
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-8

Quant Time: Sep 25 01:24:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	347760	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	661123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	569037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	196922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193216	60.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.000%
35) Dibromofluoromethane	7.634	113	207134	55.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.520%
50) Toluene-d8	10.109	98	784233	56.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.120%
62) 4-Bromofluorobenzene	12.408	95	238376	44.715	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.420%

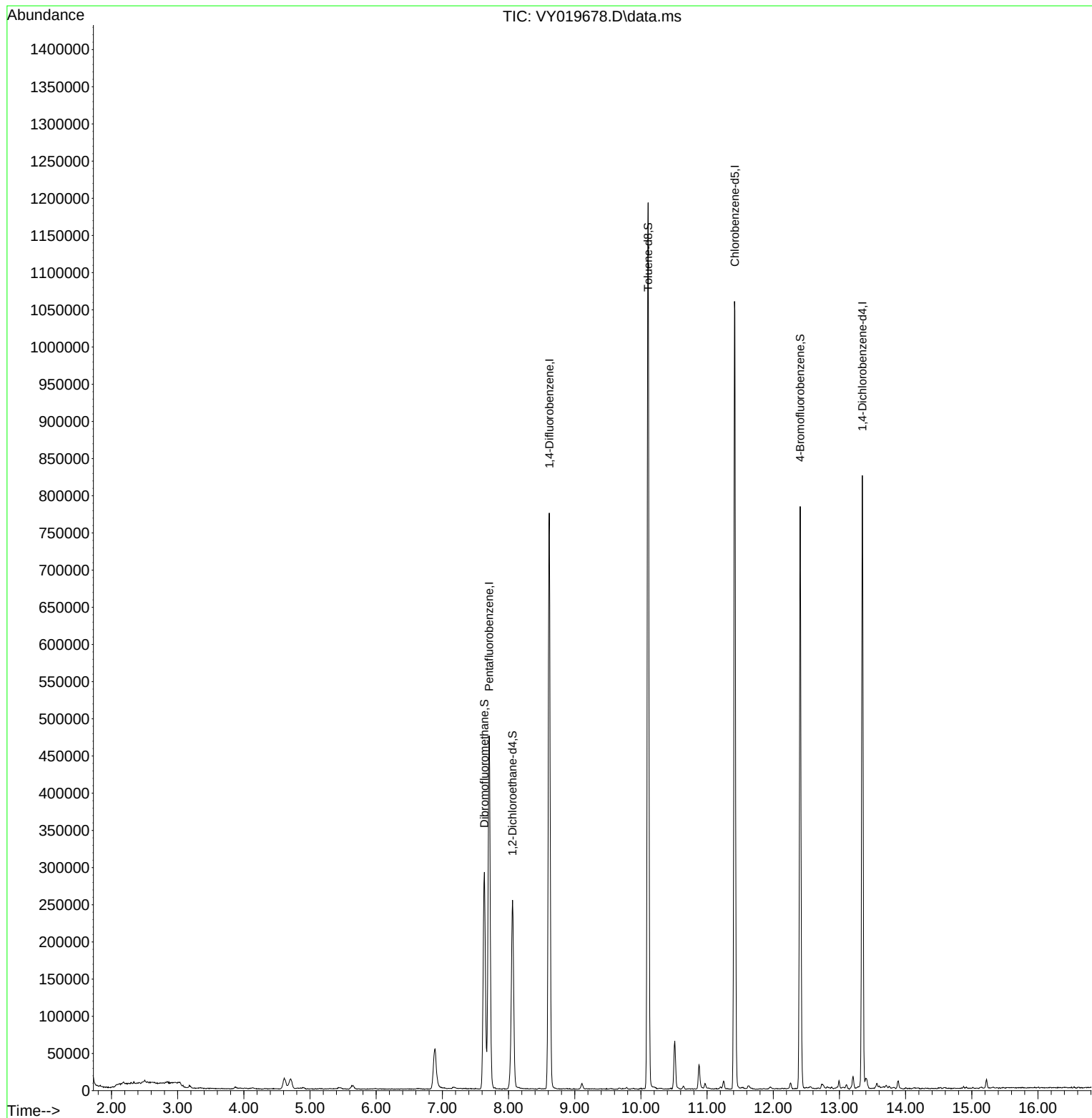
Target Compounds	Qvalue

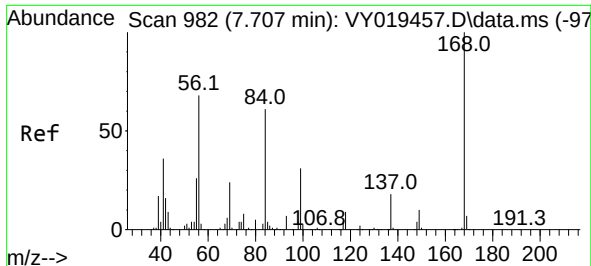
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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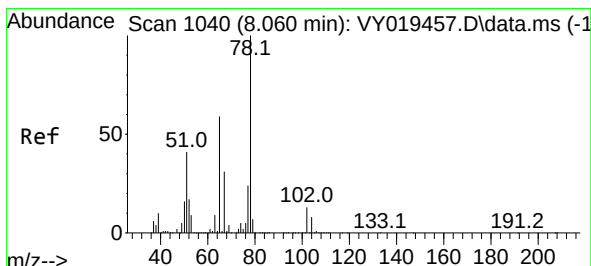
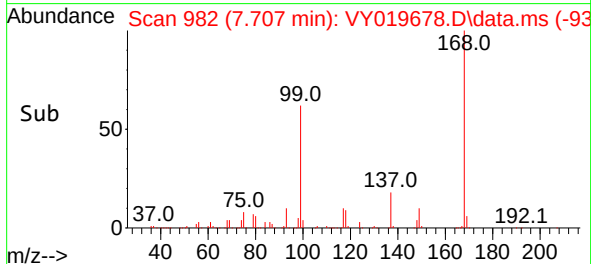
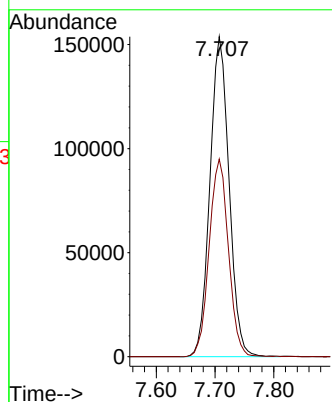
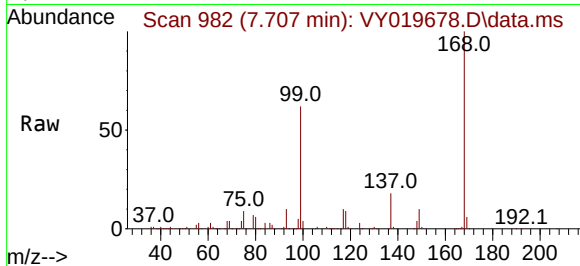




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019678.D
Acq: 24 Sep 2024 13:34

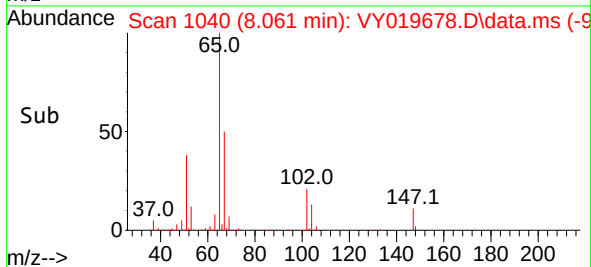
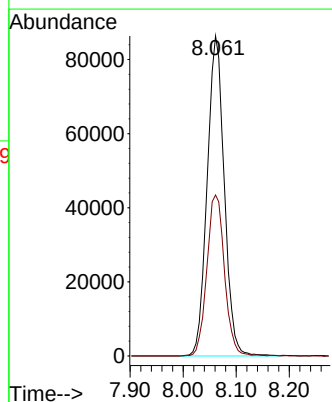
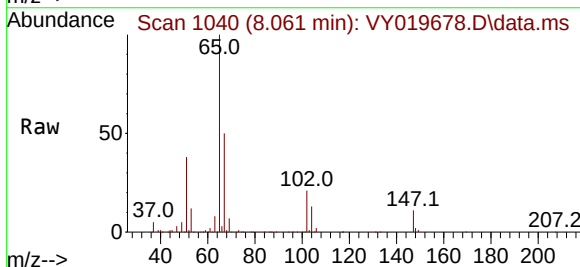
Instrument :
MSVOA_Y
ClientSampleId :
COMP-8

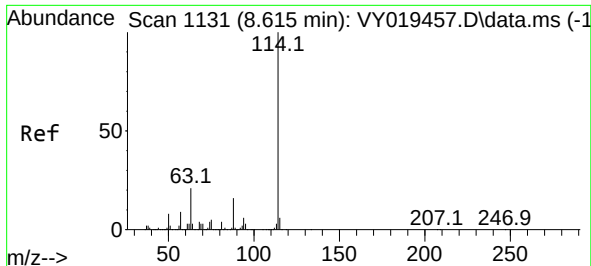
Tgt Ion:168 Resp: 347760
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 60.002 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019678.D
Acq: 24 Sep 2024 13:34

Tgt Ion: 65 Resp: 193216
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019678.D

Acq: 24 Sep 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

COMP-8

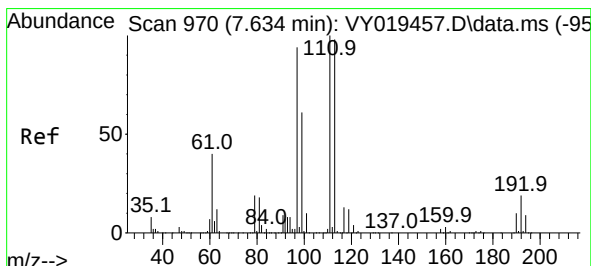
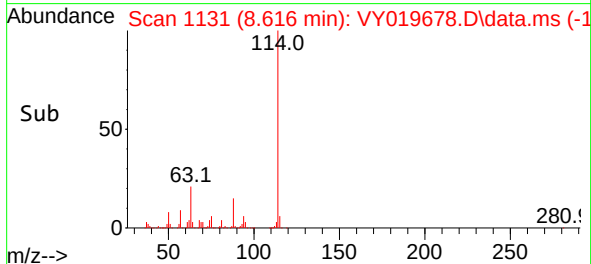
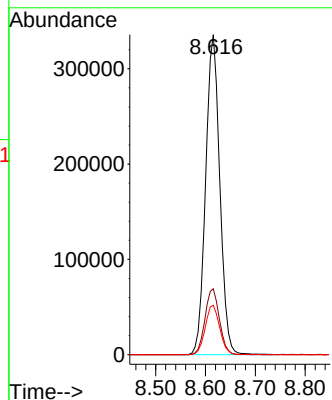
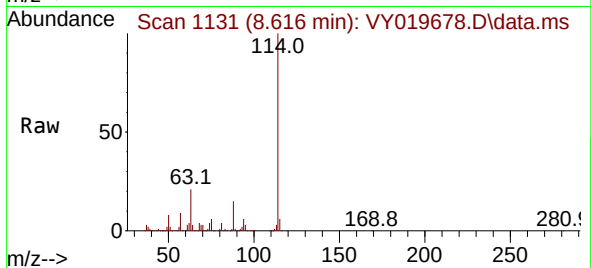
Tgt Ion:114 Resp: 661123

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.259 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019678.D

Acq: 24 Sep 2024 13:34

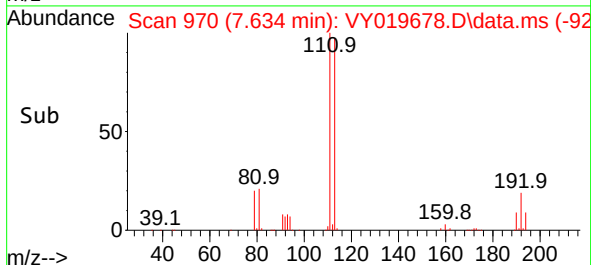
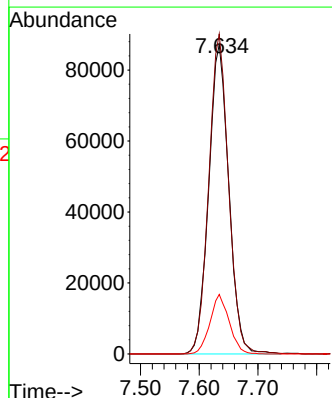
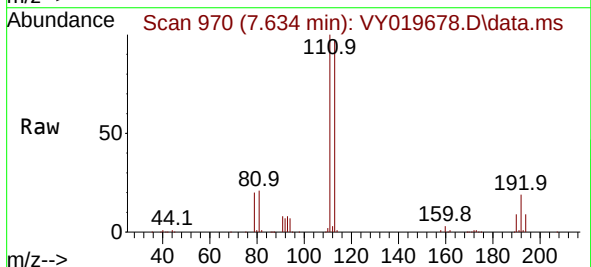
Tgt Ion:113 Resp: 207134

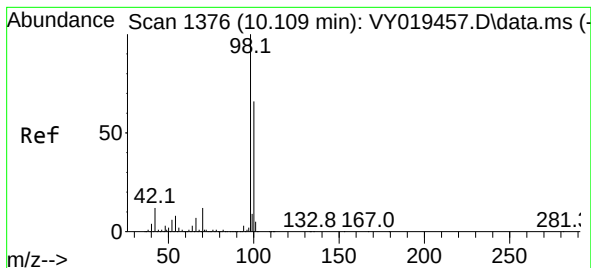
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 18.4 15.9 23.9





#50

Toluene-d8

Concen: 56.564 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019678.D

Acq: 24 Sep 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

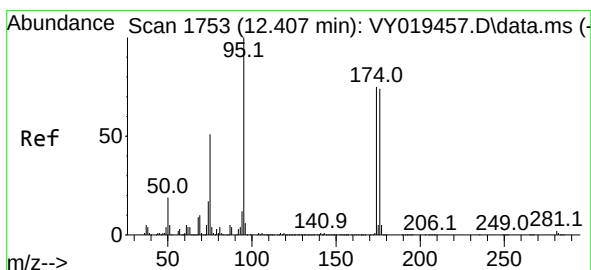
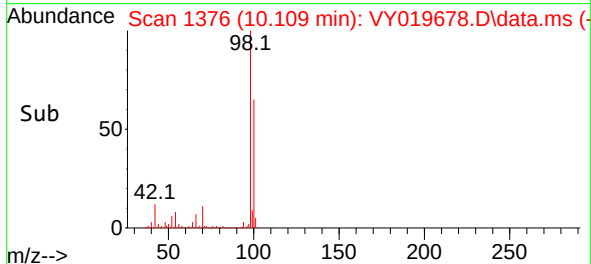
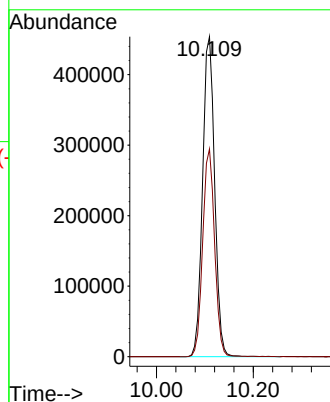
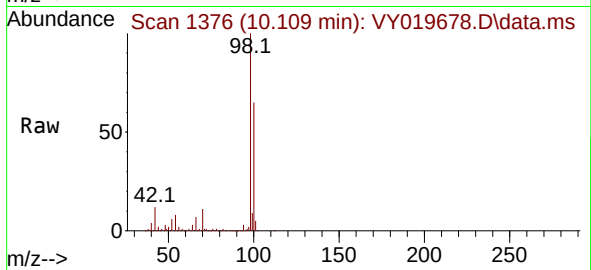
COMP-8

Tgt Ion: 98 Resp: 784233

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.715 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019678.D

Acq: 24 Sep 2024 13:34

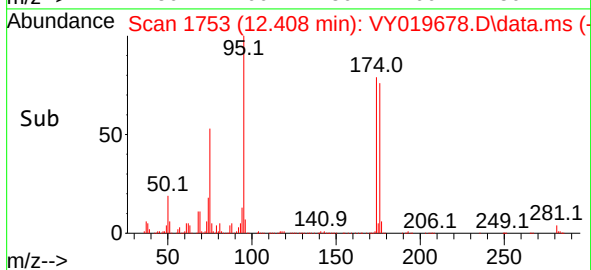
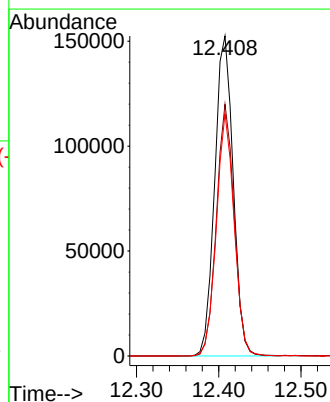
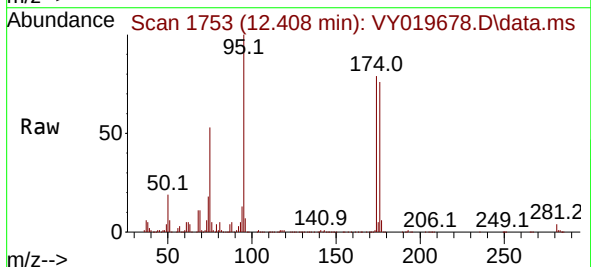
Tgt Ion: 95 Resp: 238376

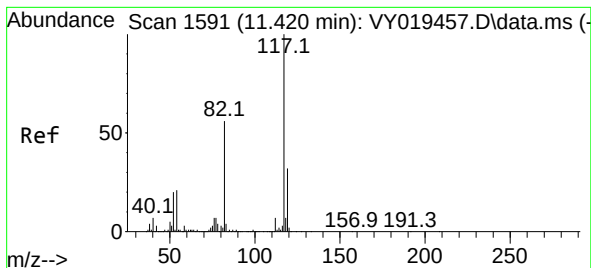
Ion Ratio Lower Upper

95 100

174 75.7 0.0 175.6

176 72.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019678.D

Acq: 24 Sep 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

COMP-8

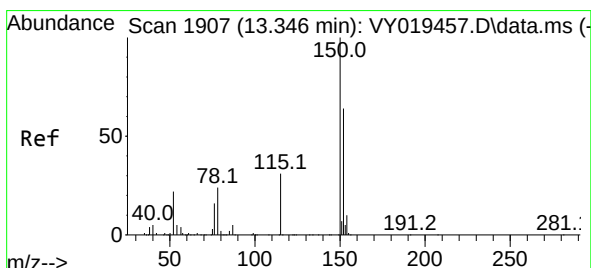
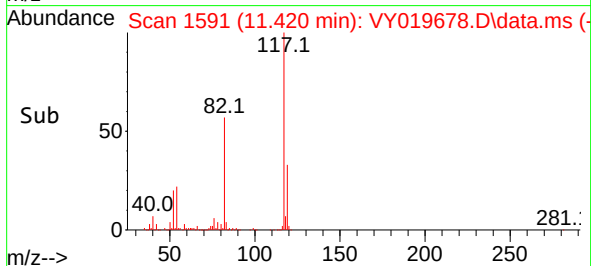
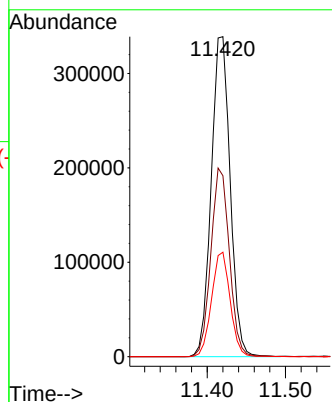
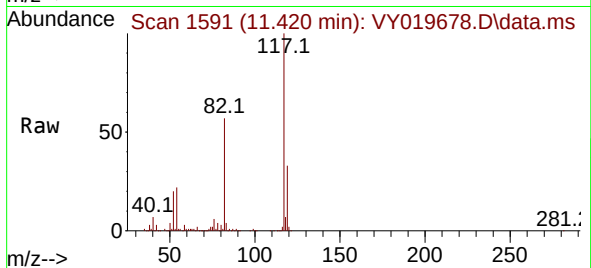
Tgt Ion:117 Resp: 569037

Ion Ratio Lower Upper

117 100

82 56.5 42.4 63.6

119 32.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019678.D

Acq: 24 Sep 2024 13:34

Tgt Ion:152 Resp: 196922

Ion Ratio Lower Upper

152 100

115 60.8 28.2 84.7

150 156.5 0.0 345.6

