

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019612.D
 Acq On : 18 Sep 2024 17:41
 Operator : SY/MD
 Sample : P4085-01
 Misc : 3.25g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Sep 19 01:27:04 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	307222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	580310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	504325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	186483	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	172450	60.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.240%
35) Dibromofluoromethane	7.634	113	179406	54.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.060%
50) Toluene-d8	10.103	98	687676	56.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.020%
62) 4-Bromofluorobenzene	12.408	95	212666	45.447	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.900%

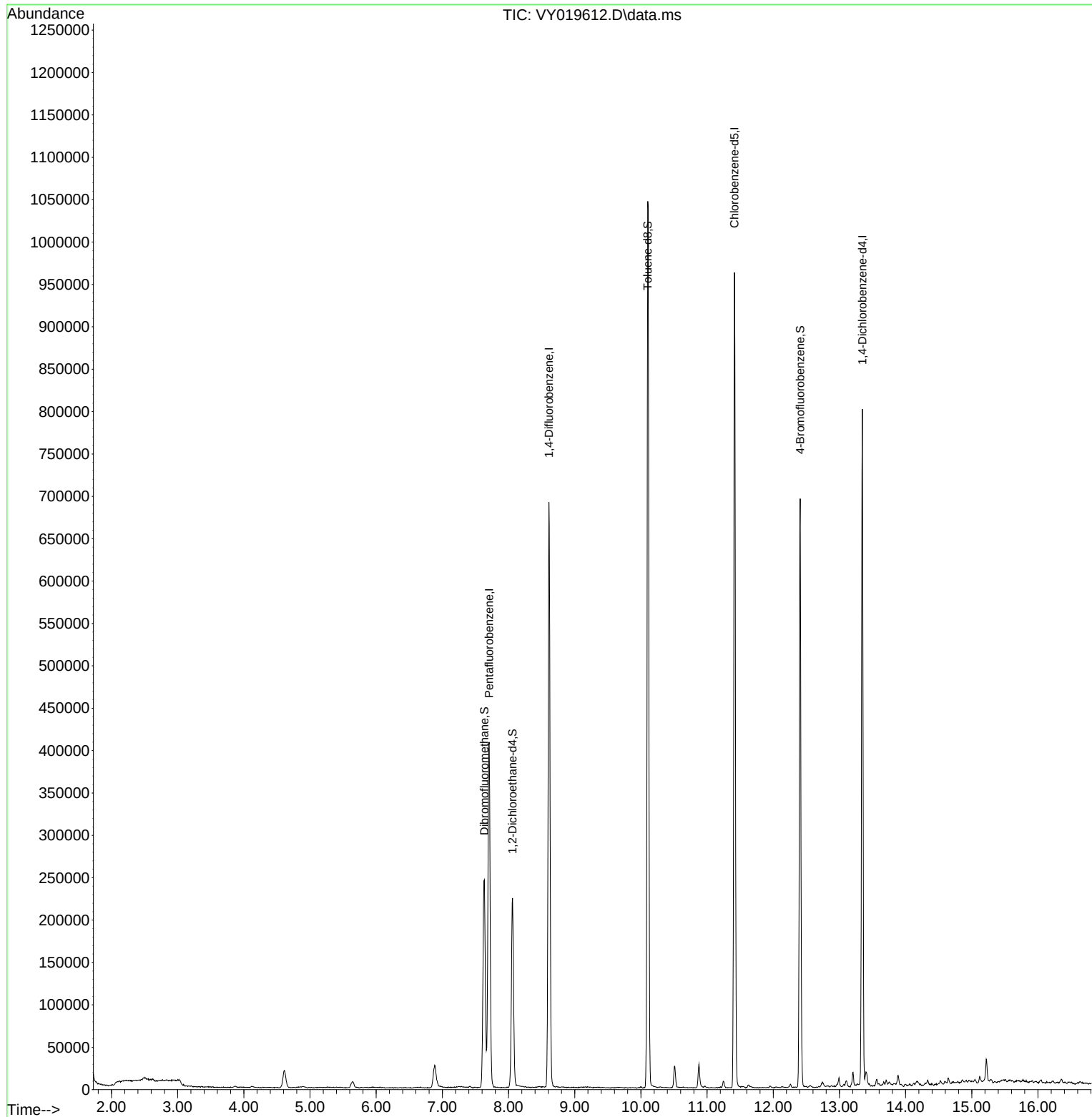
Target Compounds	Qvalue

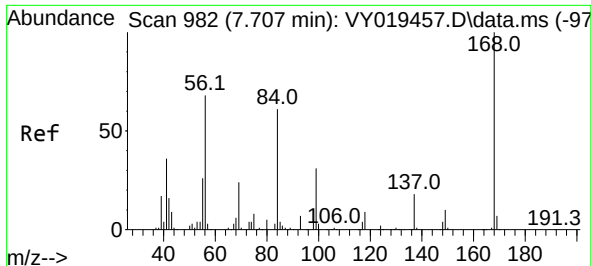
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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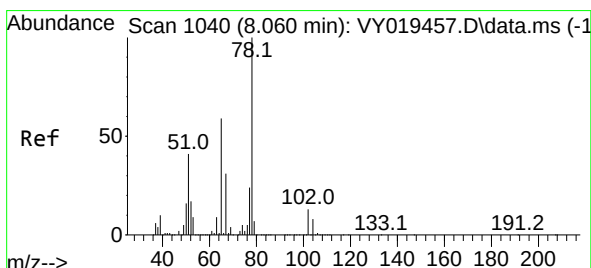
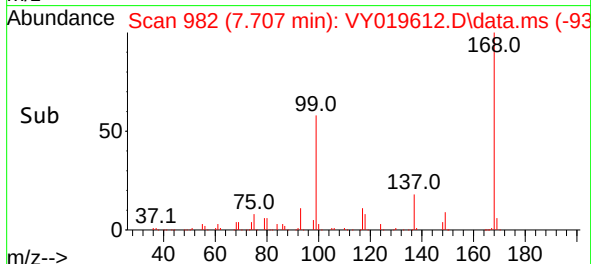
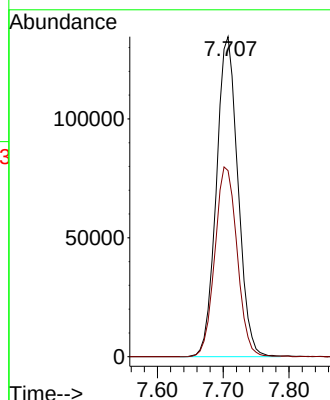
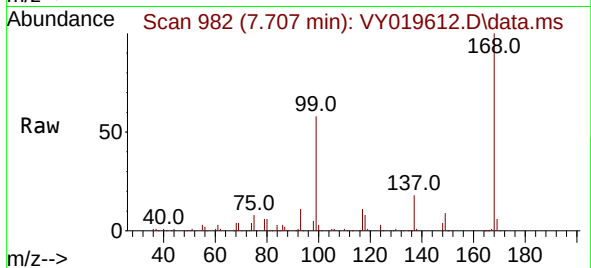




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

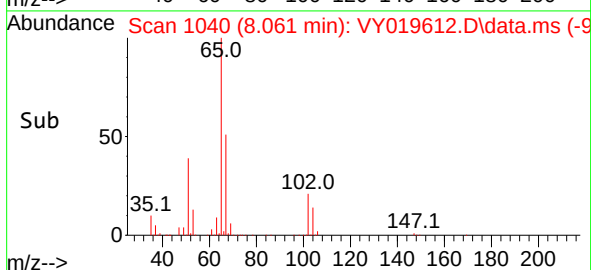
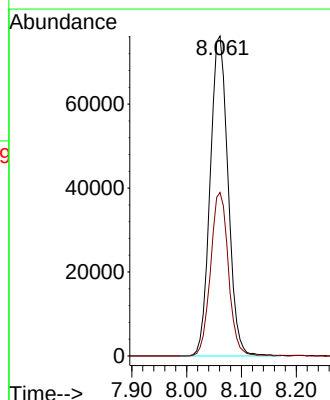
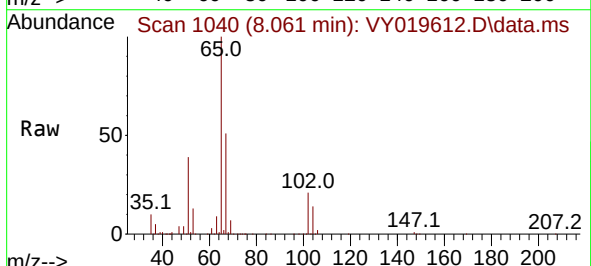
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

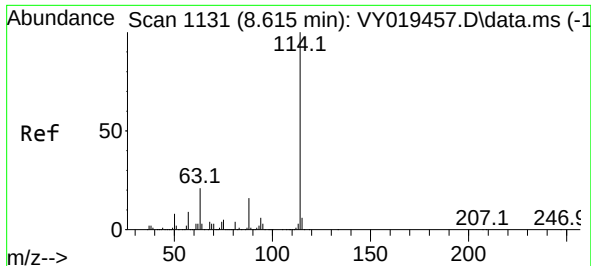
Tgt Ion:168 Resp: 307222
Ion Ratio Lower Upper
168 100
99 58.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.619 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

Tgt Ion: 65 Resp: 172450
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019612.D

Acq: 18 Sep 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

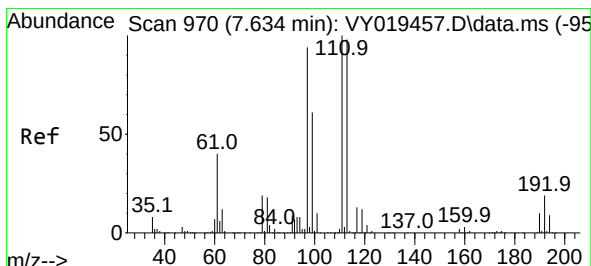
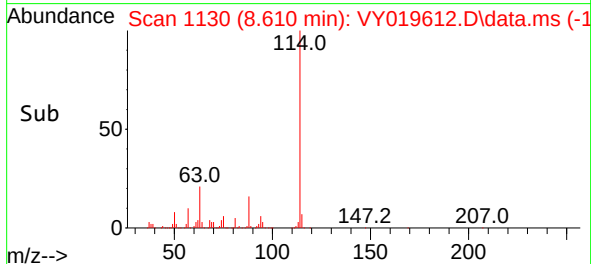
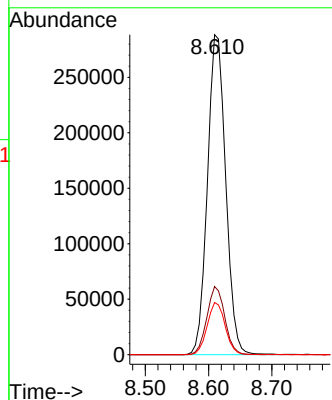
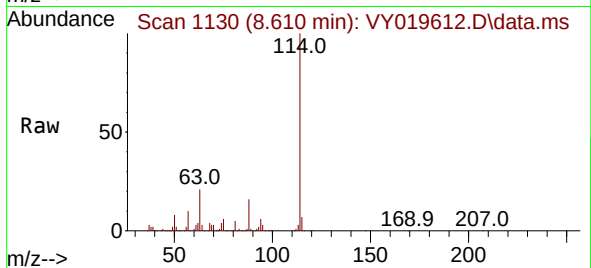
Tgt Ion:114 Resp: 580310

Ion Ratio Lower Upper

114 100

63 21.3 0.0 35.0

88 16.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.527 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019612.D

Acq: 18 Sep 2024 17:41

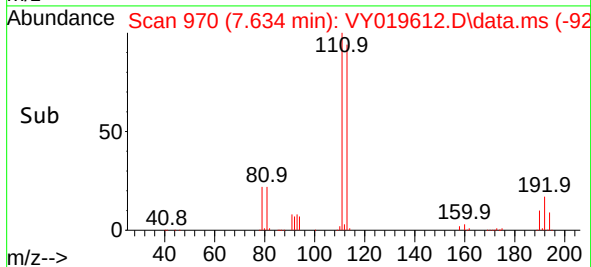
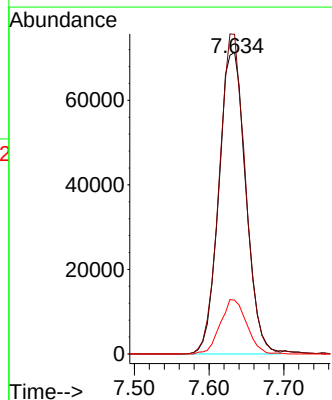
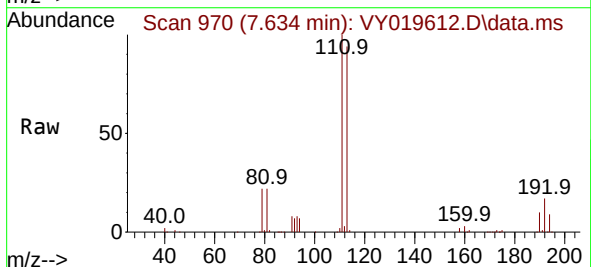
Tgt Ion:113 Resp: 179406

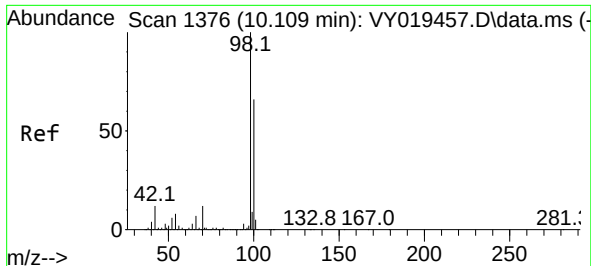
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 17.6 15.9 23.9

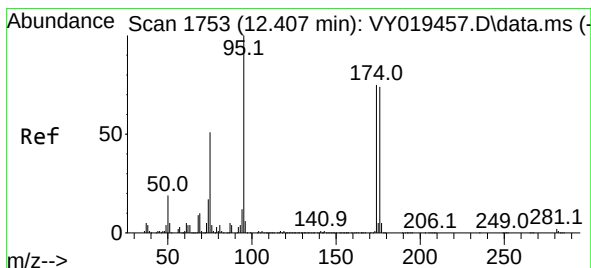
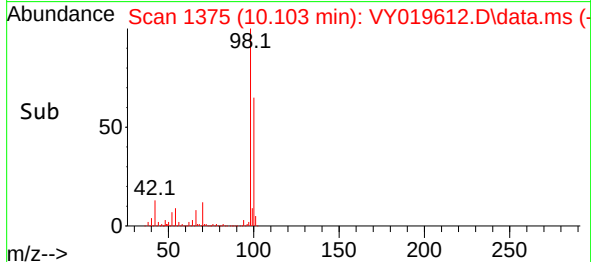
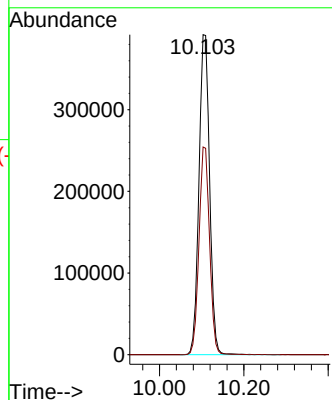
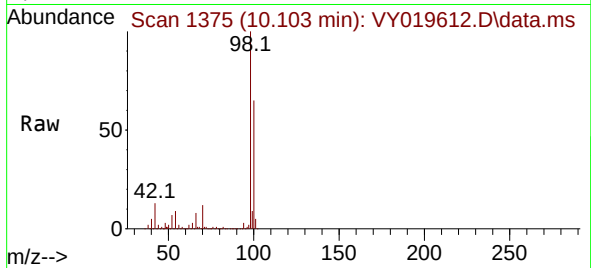




#50
Toluene-d8
Concen: 56.506 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

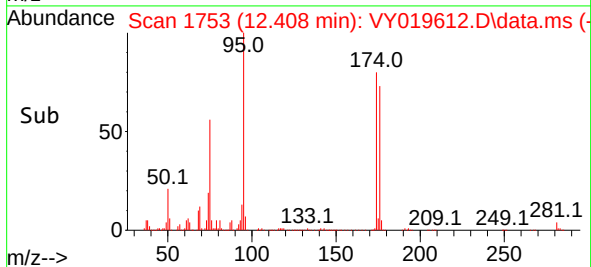
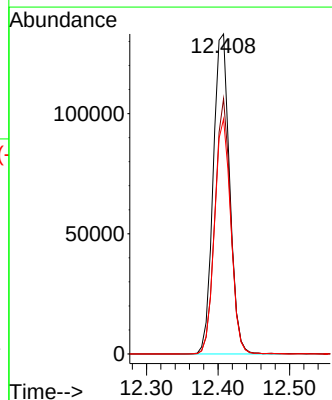
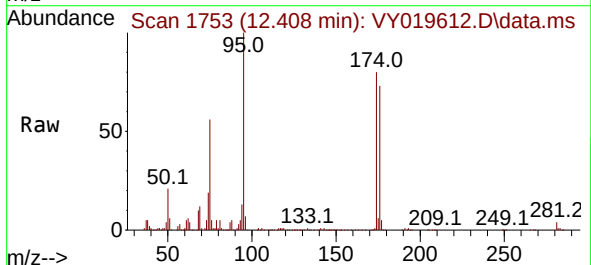
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

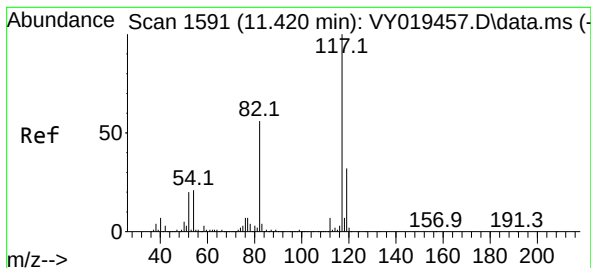
Tgt Ion: 98 Resp: 687676
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.447 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019612.D
Acq: 18 Sep 2024 17:41

Tgt Ion: 95 Resp: 212666
Ion Ratio Lower Upper
95 100
174 75.9 0.0 175.6
176 72.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019612.D

Acq: 18 Sep 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

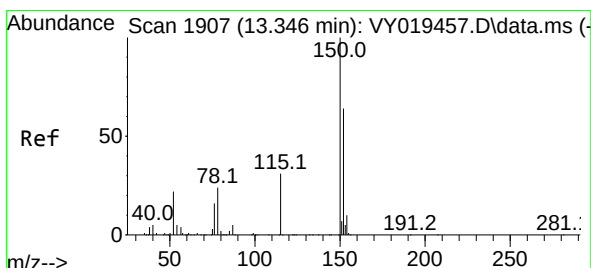
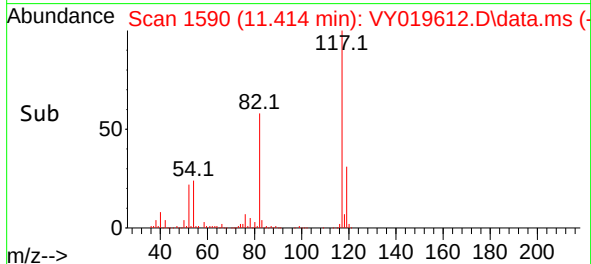
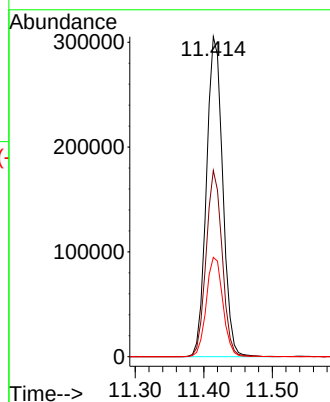
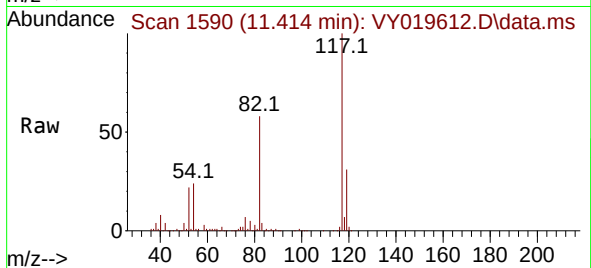
Tgt Ion:117 Resp: 504325

Ion Ratio Lower Upper

117 100

82 58.2 42.4 63.6

119 31.1 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: VY019612.D

Acq: 18 Sep 2024 17:41

Tgt Ion:152 Resp: 186483

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 161.0 0.0 345.6

