

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019676.D
 Acq On : 24 Sep 2024 12:47
 Operator : SY/MD
 Sample : P4149-13
 Misc : 2.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-6

Quant Time: Sep 25 01:23:56 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	353103	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	656918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	569179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	200763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	201496	61.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.260%
35) Dibromofluoromethane	7.634	113	209168	56.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.320%
50) Toluene-d8	10.109	98	771967	56.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.080%
62) 4-Bromofluorobenzene	12.408	95	241862	45.659	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.320%

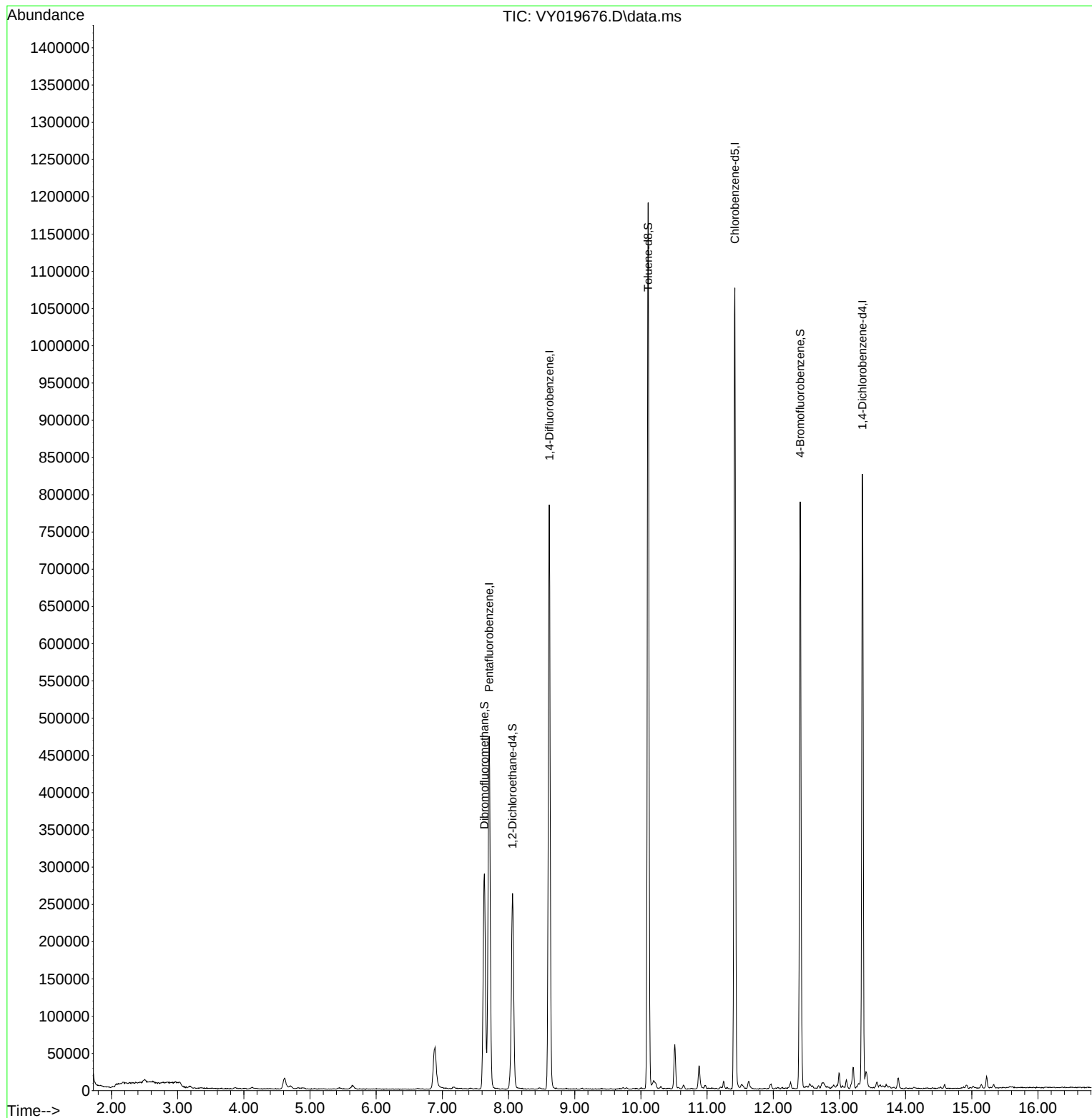
Target Compounds	Qvalue

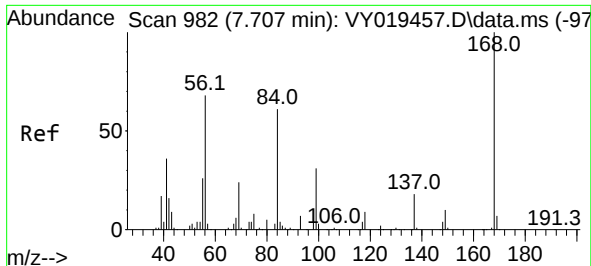
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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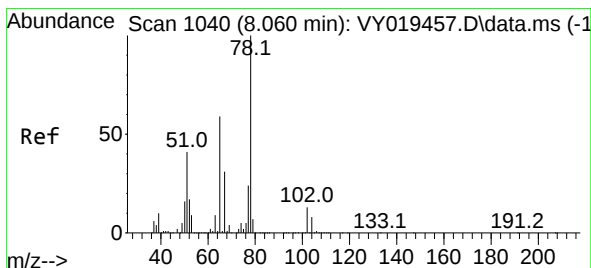
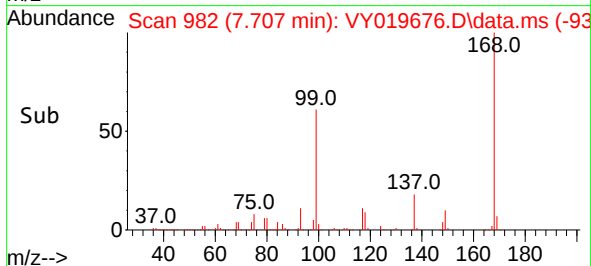
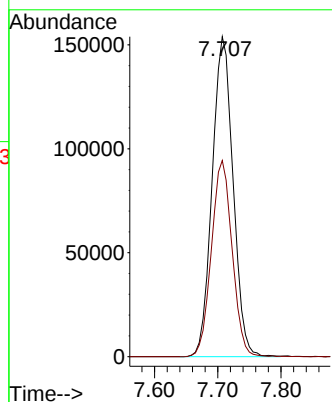
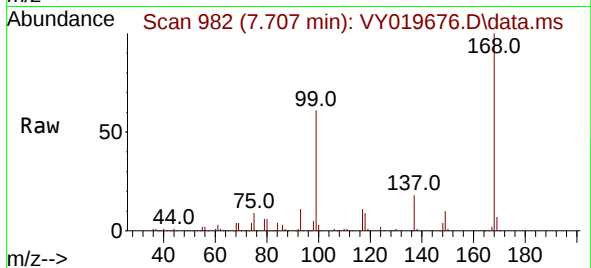




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

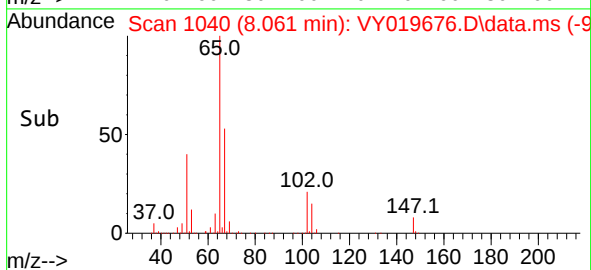
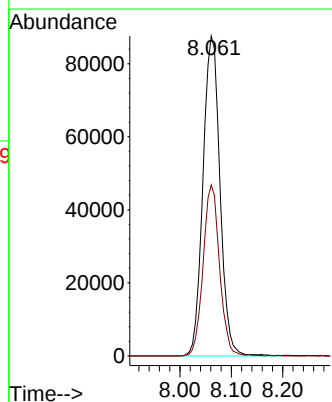
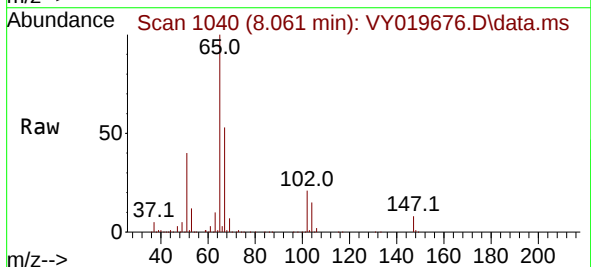
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

Tgt Ion:168 Resp: 353103
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.626 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

Tgt Ion: 65 Resp: 201496
Ion Ratio Lower Upper
65 100
67 51.6 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: VY019676.D

Acq: 24 Sep 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

COMP-6

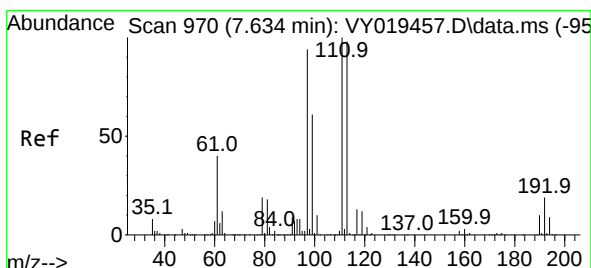
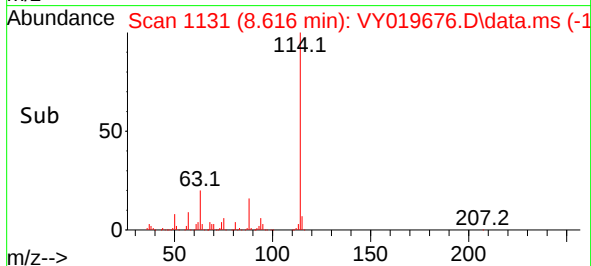
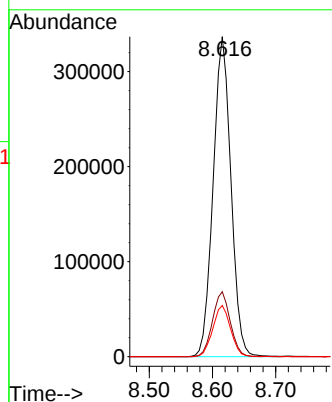
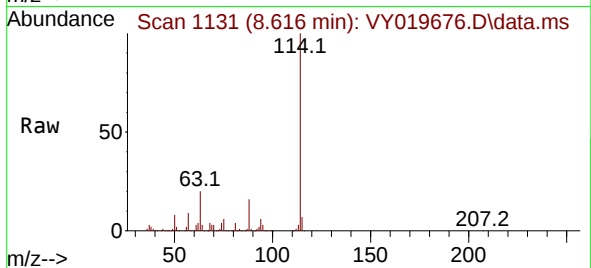
Tgt Ion:114 Resp: 656918

Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.158 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019676.D

Acq: 24 Sep 2024 12:47

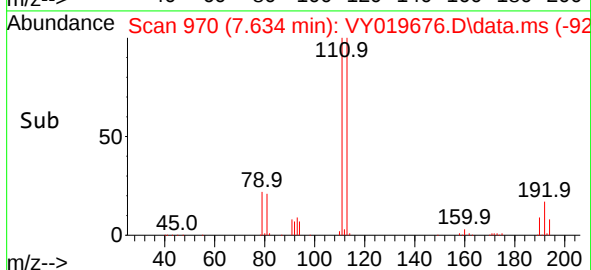
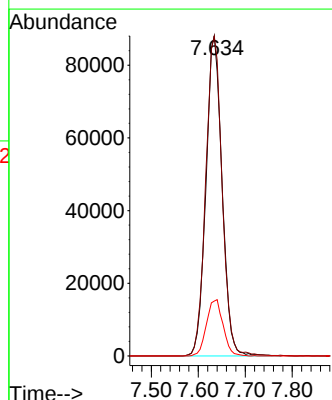
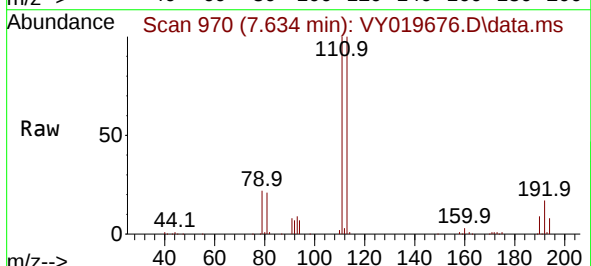
Tgt Ion:113 Resp: 209168

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 18.1 15.9 23.9

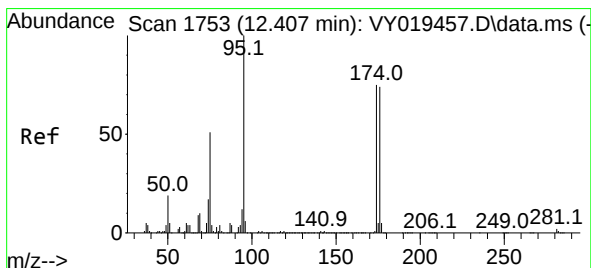
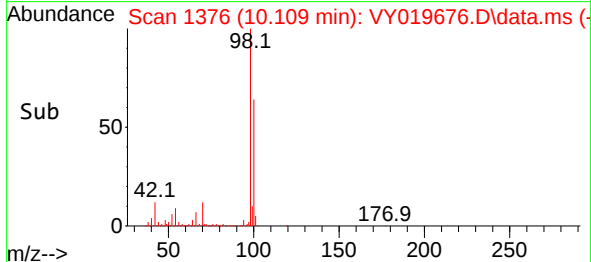
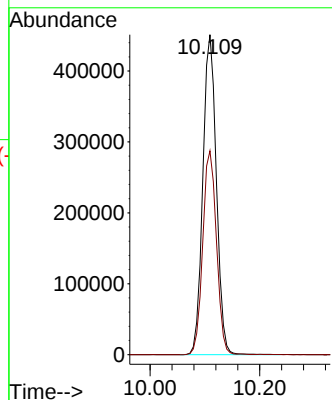
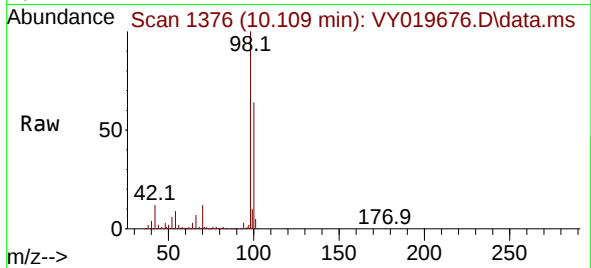




#50
Toluene-d8
Concen: 56.035 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

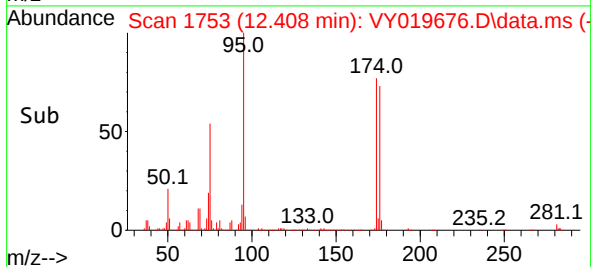
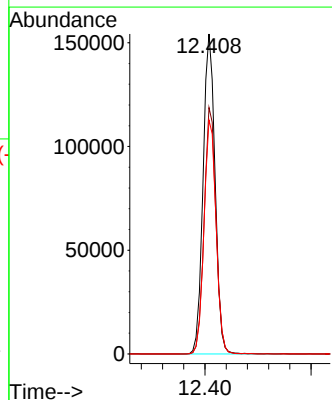
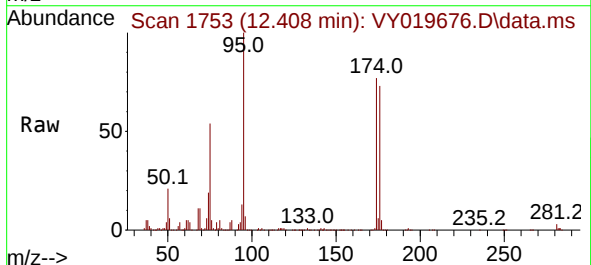
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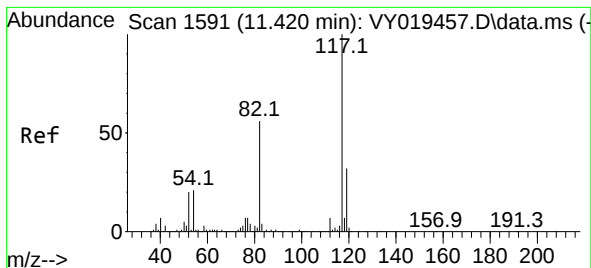
Tgt Ion: 98 Resp: 771967
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.659 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

Tgt Ion: 95 Resp: 241862
Ion Ratio Lower Upper
95 100
174 75.8 0.0 175.6
176 73.4 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: VY019676.D

Acq: 24 Sep 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

COMP-6

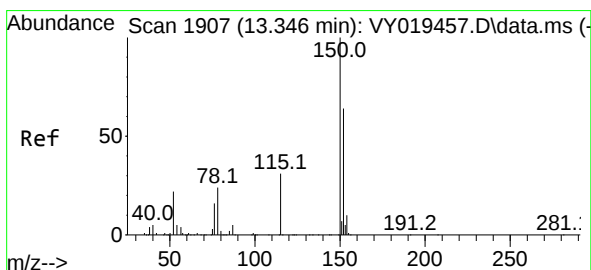
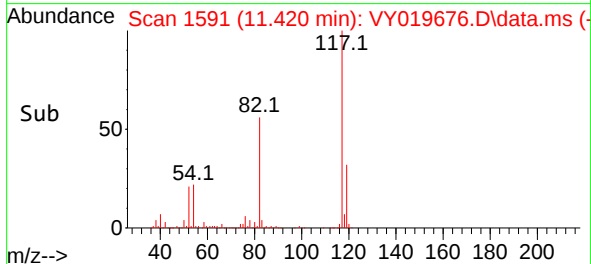
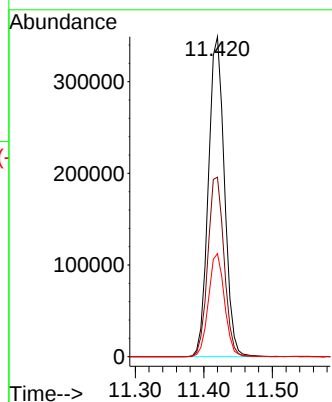
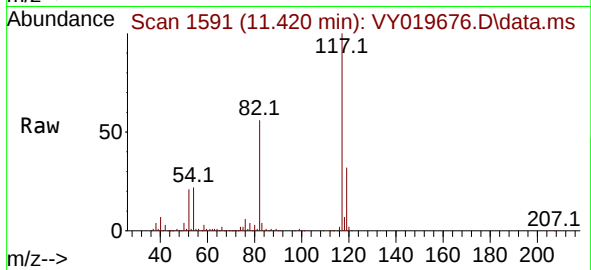
Tgt Ion:117 Resp: 569179

Ion Ratio Lower Upper

117 100

82 56.1 42.4 63.6

119 32.2 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: VY019676.D

Acq: 24 Sep 2024 12:47

Tgt Ion:152 Resp: 200763

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 157.5 0.0 345.6

