

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019694.D
 Acq On : 25 Sep 2024 14:51
 Operator : SY/MD
 Sample : P4150-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-09132024

Quant Time: Sep 26 04:00:42 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	344420	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	651761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	590938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	224810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	206251	64.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.340%
35) Dibromofluoromethane	7.634	113	207047	56.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.060%
50) Toluene-d8	10.109	98	776119	56.782	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.560%
62) 4-Bromofluorobenzene	12.408	95	257579	49.011	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.020%

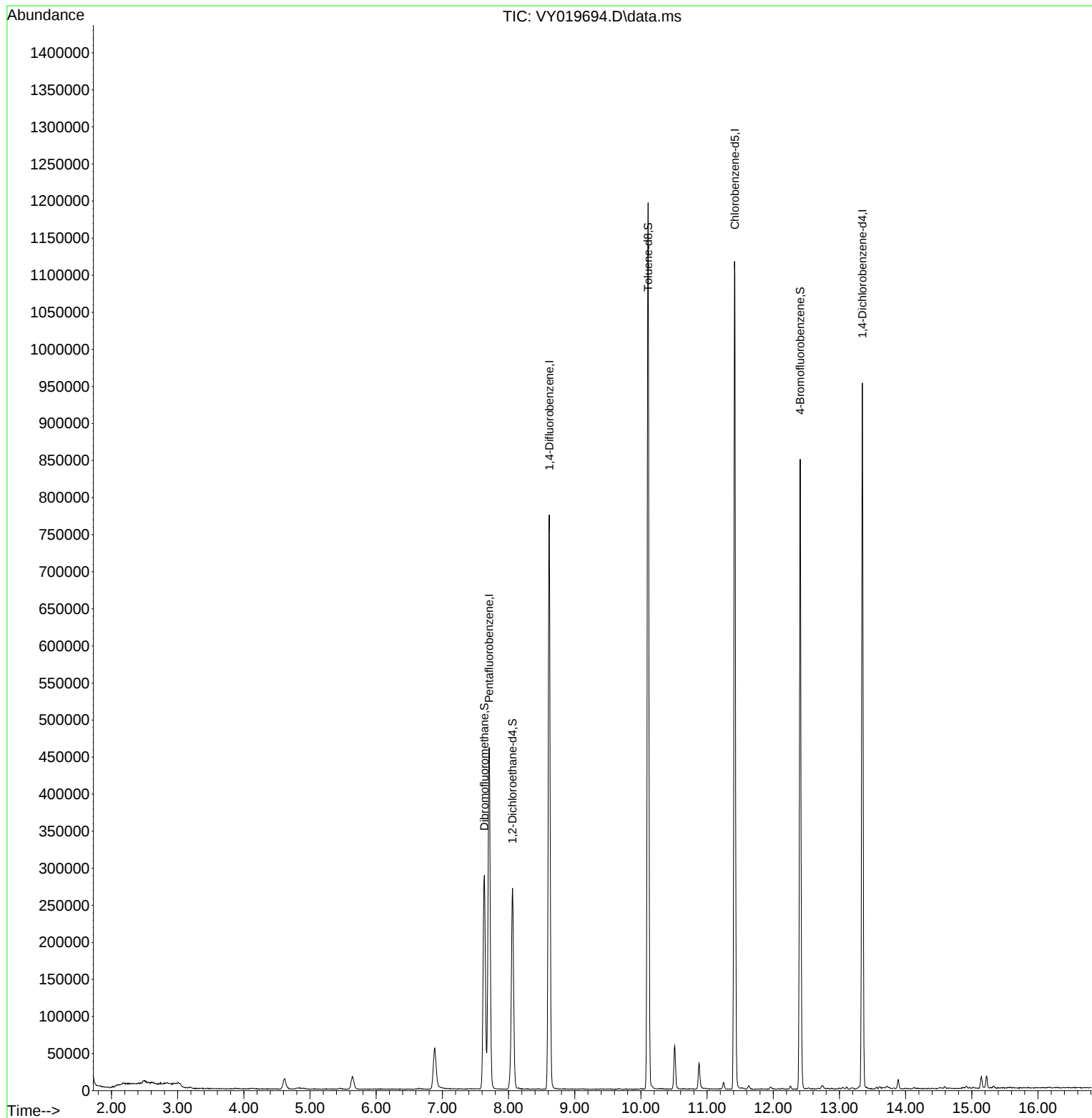
Target Compounds	Qvalue

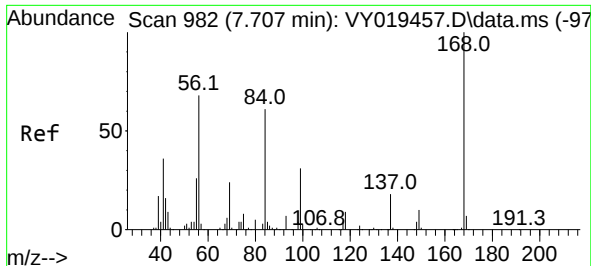
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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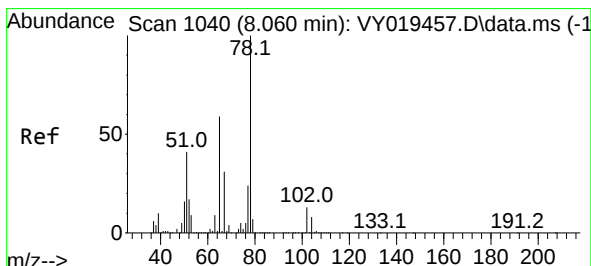
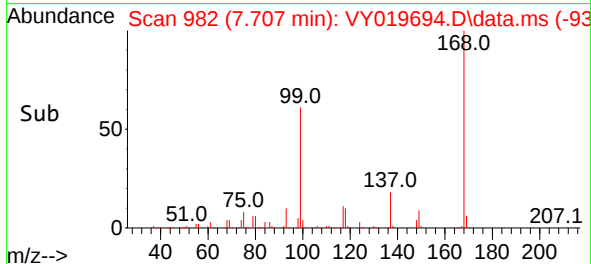
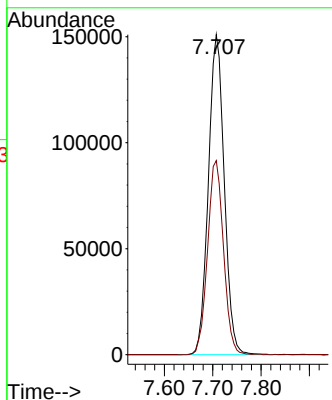
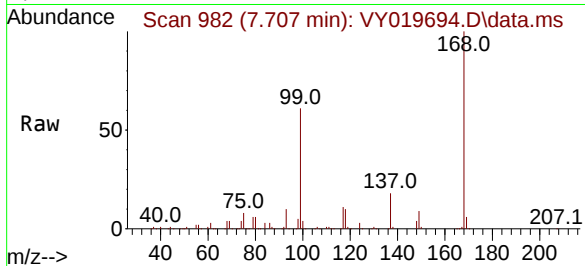




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019694.D
Acq: 25 Sep 2024 14:51

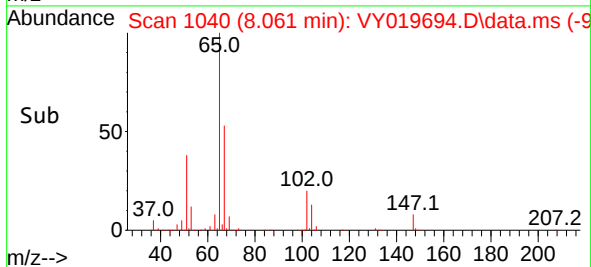
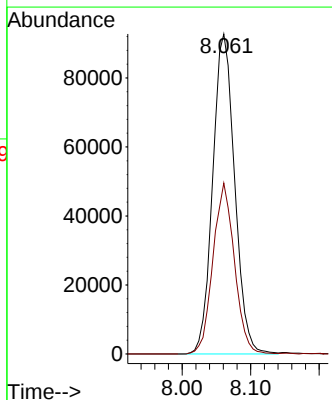
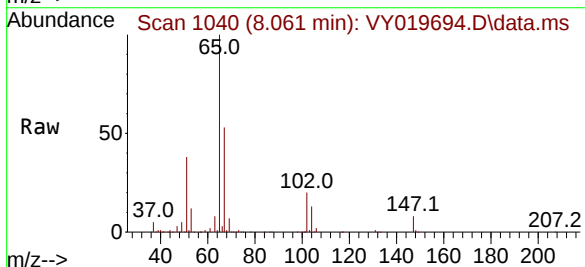
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-09132024

Tgt Ion:168 Resp: 344420
Ion Ratio Lower Upper
168 100
99 60.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 64.671 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019694.D
Acq: 25 Sep 2024 14:51

Tgt Ion: 65 Resp: 206251
Ion Ratio Lower Upper
65 100
67 52.2 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: VY019694.D

Acq: 25 Sep 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-09132024

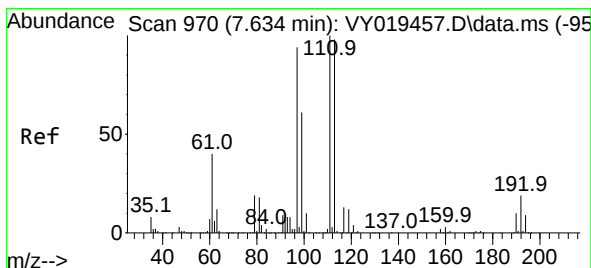
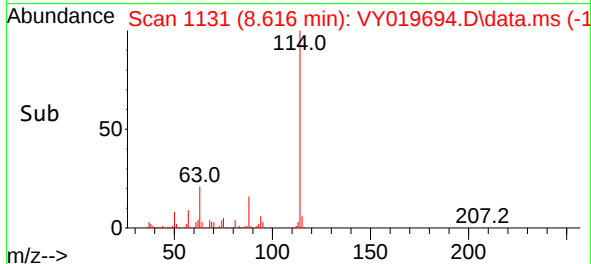
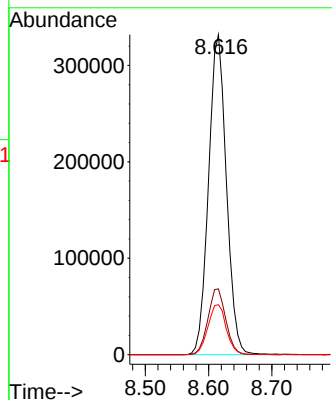
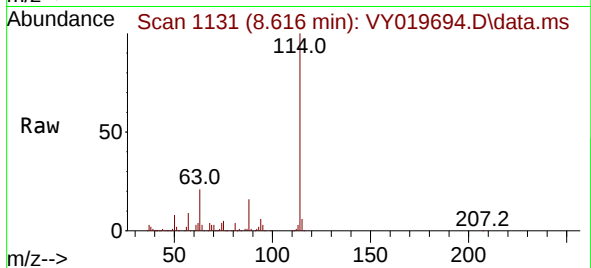
Tgt Ion:114 Resp: 651761

Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.029 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019694.D

Acq: 25 Sep 2024 14:51

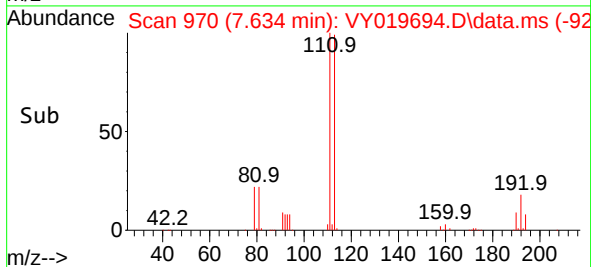
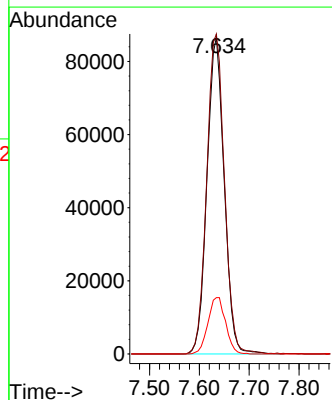
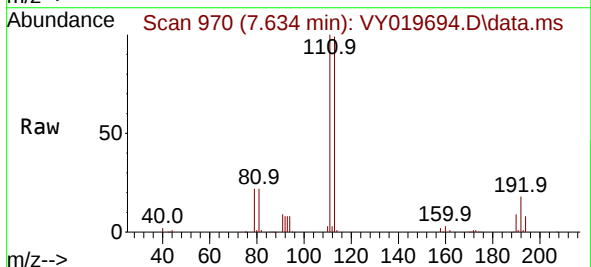
Tgt Ion:113 Resp: 207047

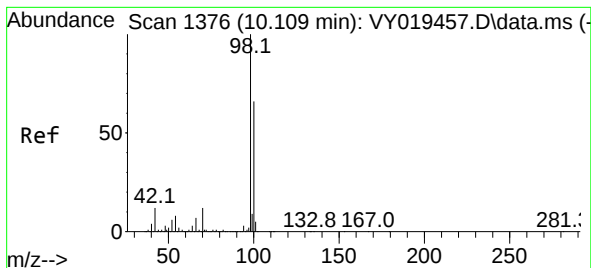
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 18.3 15.9 23.9





#50

Toluene-d8

Concen: 56.782 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019694.D

Acq: 25 Sep 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

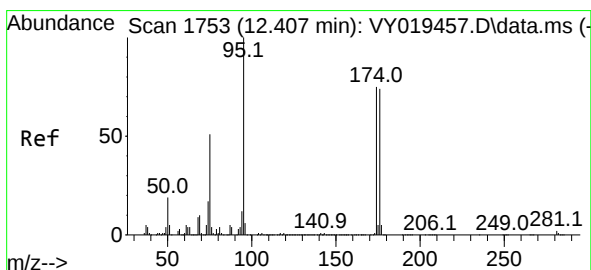
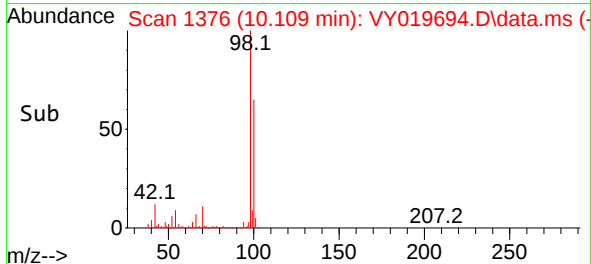
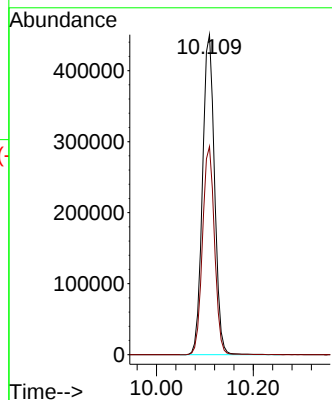
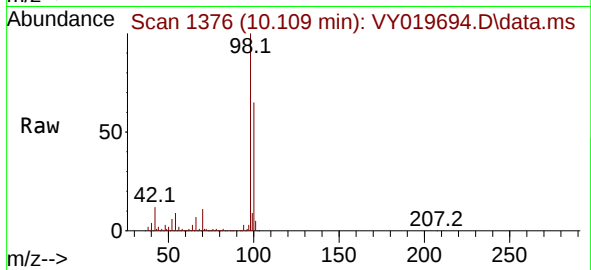
OK-02-09132024

Tgt Ion: 98 Resp: 776119

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.011 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019694.D

Acq: 25 Sep 2024 14:51

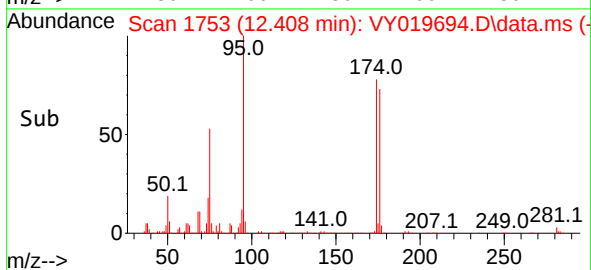
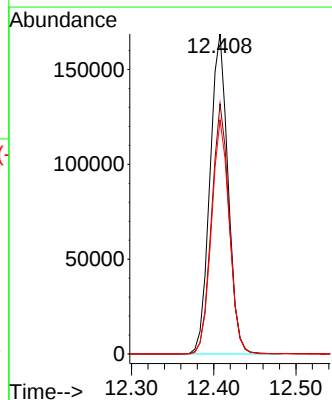
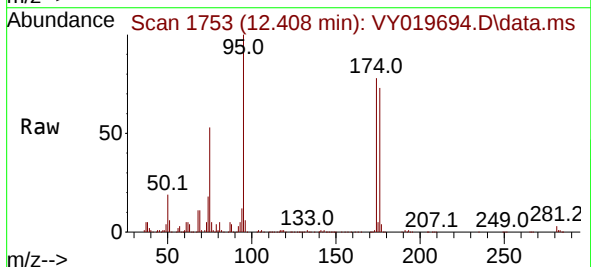
Tgt Ion: 95 Resp: 257579

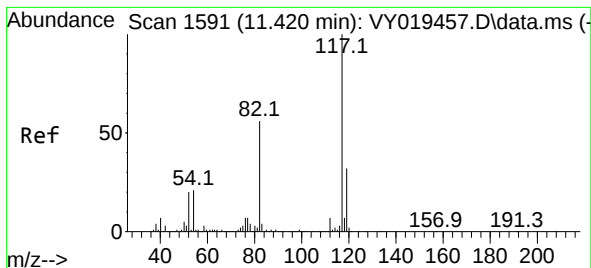
Ion Ratio Lower Upper

95 100

174 76.2 0.0 175.6

176 72.5 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: VY019694.D

Acq: 25 Sep 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-09132024

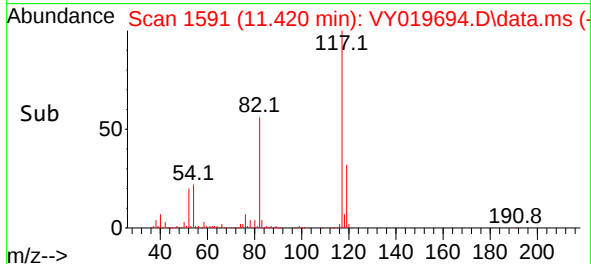
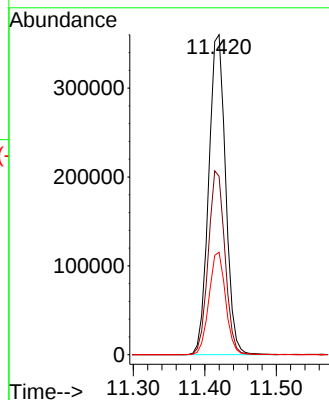
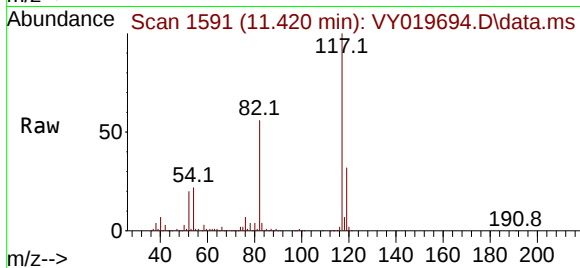
Tgt Ion:117 Resp: 590938

Ion Ratio Lower Upper

117 100

82 55.8 42.4 63.6

119 32.0 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: VY019694.D

Acq: 25 Sep 2024 14:51

Tgt Ion:152 Resp: 224810

Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 157.5 0.0 345.6

