

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019665.D
 Acq On : 23 Sep 2024 14:04
 Operator : SY/MD
 Sample : P4103-13
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14-7.5-10B

Quant Time: Sep 24 01:45:37 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	155295	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	269496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	222057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	82425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	83425	58.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.020%	
35) Dibromofluoromethane	7.628	113	83021	54.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.660%	
50) Toluene-d8	10.109	98	305877	54.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.240%	
62) 4-Bromofluorobenzene	12.408	95	95495	43.944	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.880%	

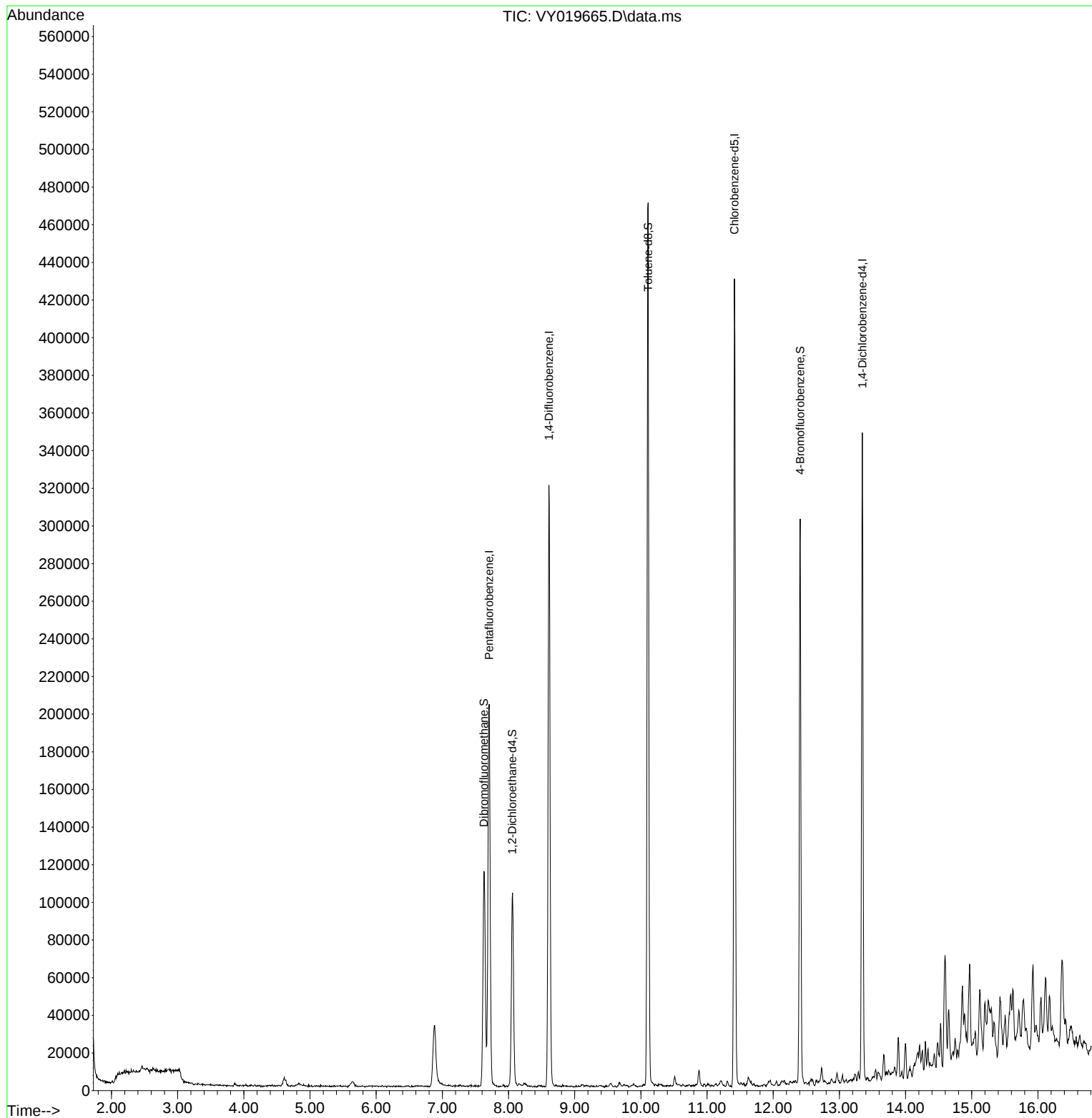
Target Compounds	Qvalue

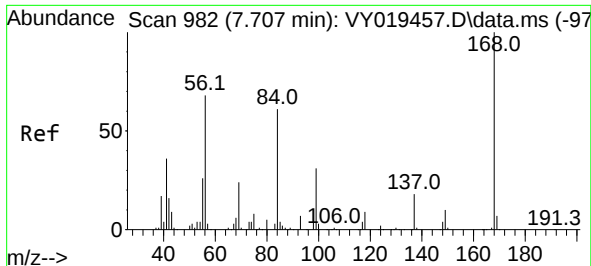
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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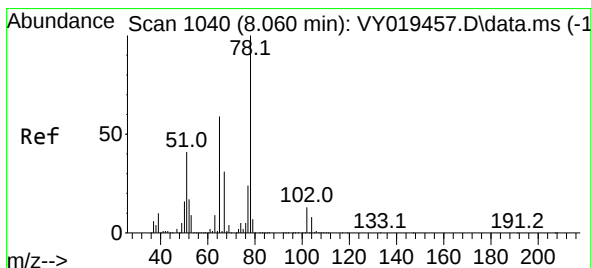
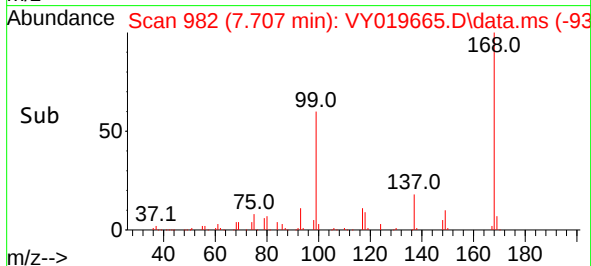
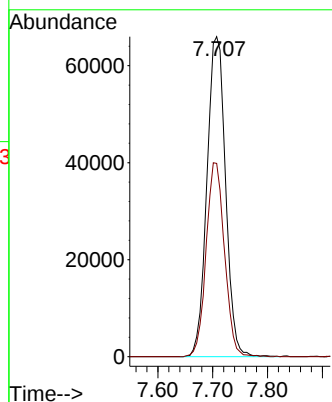
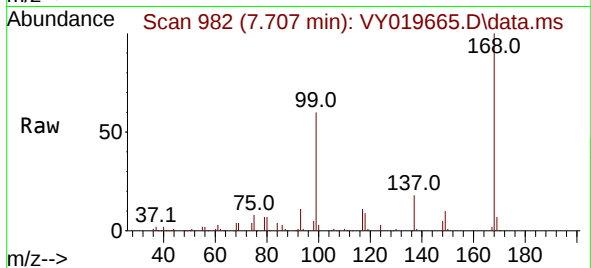




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

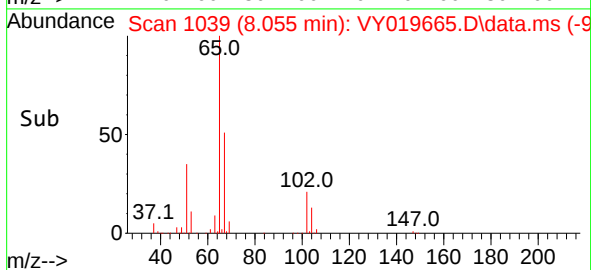
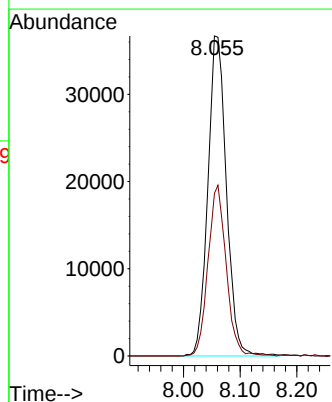
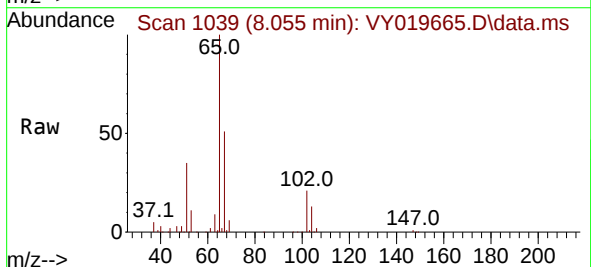
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

Tgt Ion:168 Resp: 155295
Ion Ratio Lower Upper
168 100
99 60.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.015 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

Tgt Ion: 65 Resp: 83425
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019665.D

Acq: 23 Sep 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

WC-14-7.5-10B

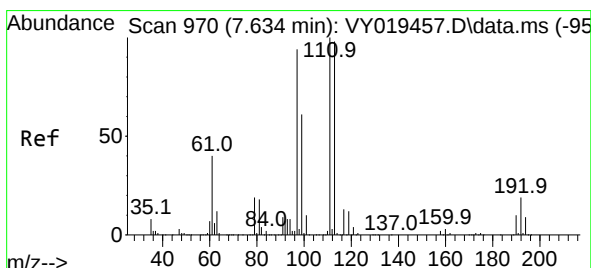
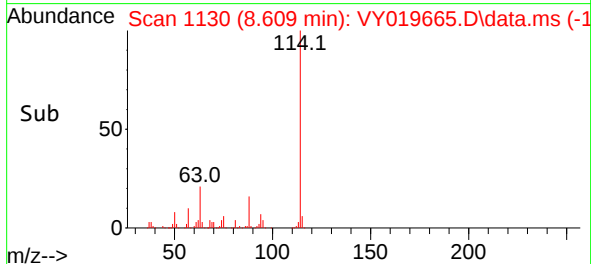
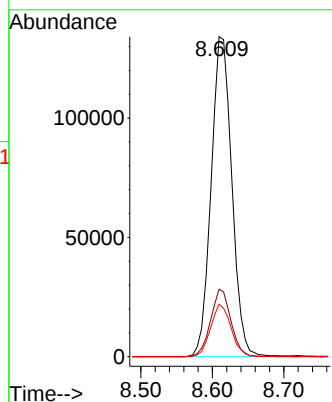
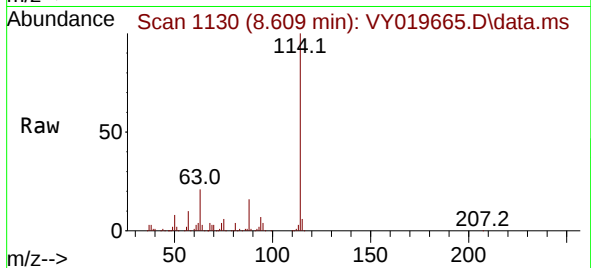
Tgt Ion:114 Resp: 269496

Ion Ratio Lower Upper

114 100

63 21.1 0.0 35.0

88 16.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.333 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019665.D

Acq: 23 Sep 2024 14:04

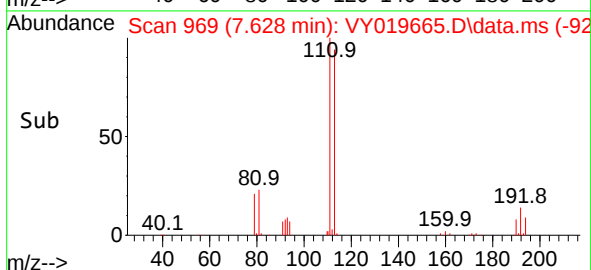
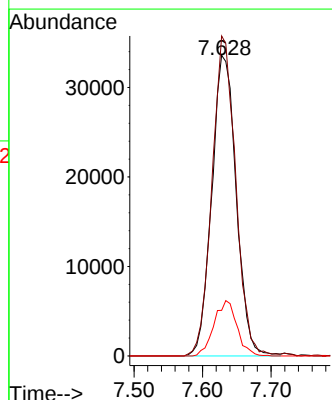
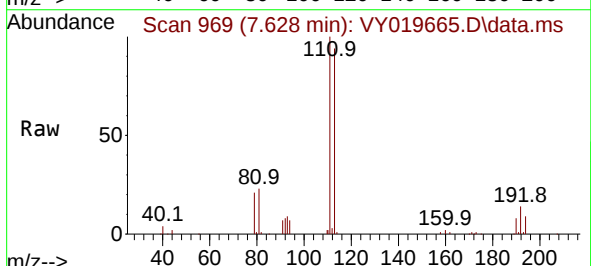
Tgt Ion:113 Resp: 83021

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 17.3 15.9 23.9

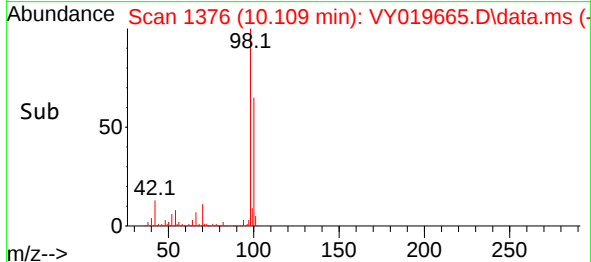
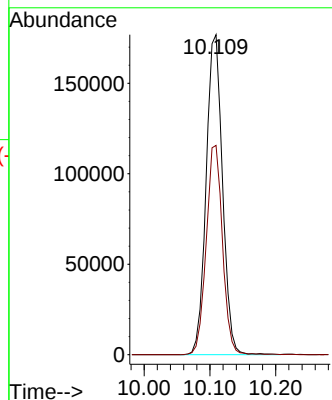
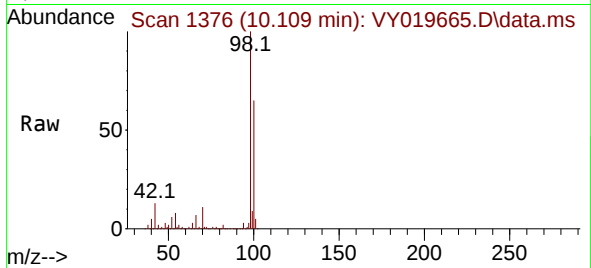




#50
Toluene-d8
Concen: 54.121 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

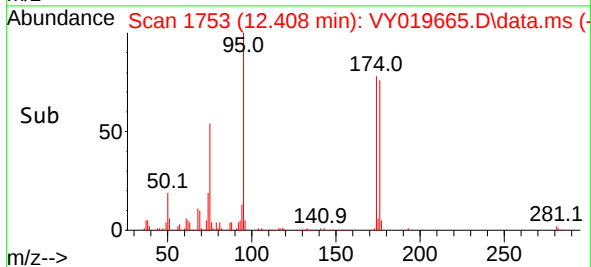
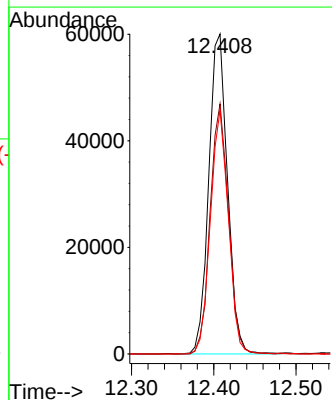
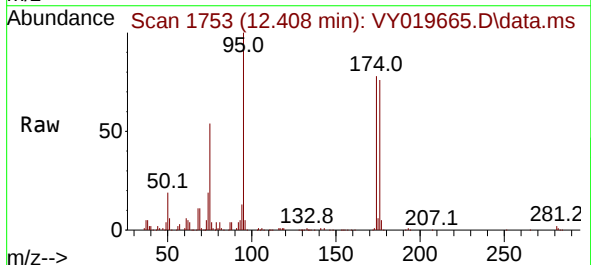
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

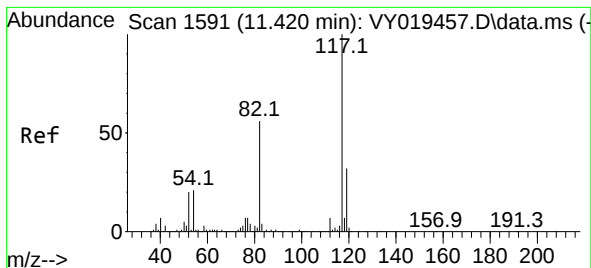
Tgt Ion: 98 Resp: 305877
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.944 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019665.D
Acq: 23 Sep 2024 14:04

Tgt Ion: 95 Resp: 95495
Ion Ratio Lower Upper
95 100
174 76.6 0.0 175.6
176 72.9 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: VY019665.D

Acq: 23 Sep 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

WC-14-7.5-10B

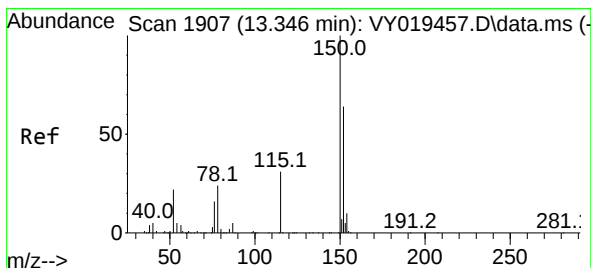
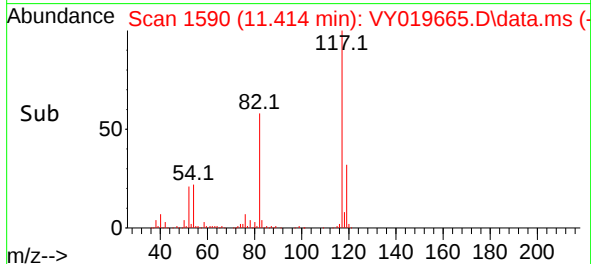
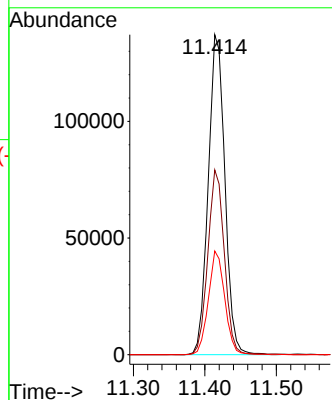
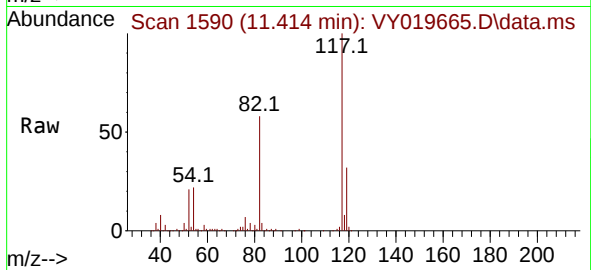
Tgt Ion:117 Resp: 222057

Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

119 32.4 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: VY019665.D

Acq: 23 Sep 2024 14:04

Tgt Ion:152 Resp: 82425

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 157.0 0.0 345.6

