

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019511.D
 Acq On : 11 Sep 2024 16:06
 Operator : SY/MD
 Sample : P3929-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11930

Quant Time: Sep 12 01:33:05 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	7980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	15597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	12469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	2060	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	6681	90.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.820%#	
35) Dibromofluoromethane	7.622	113	4480	50.660	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.320%	
50) Toluene-d8	10.109	98	17643	53.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	12.401	95	4108	32.663	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 65.320%	

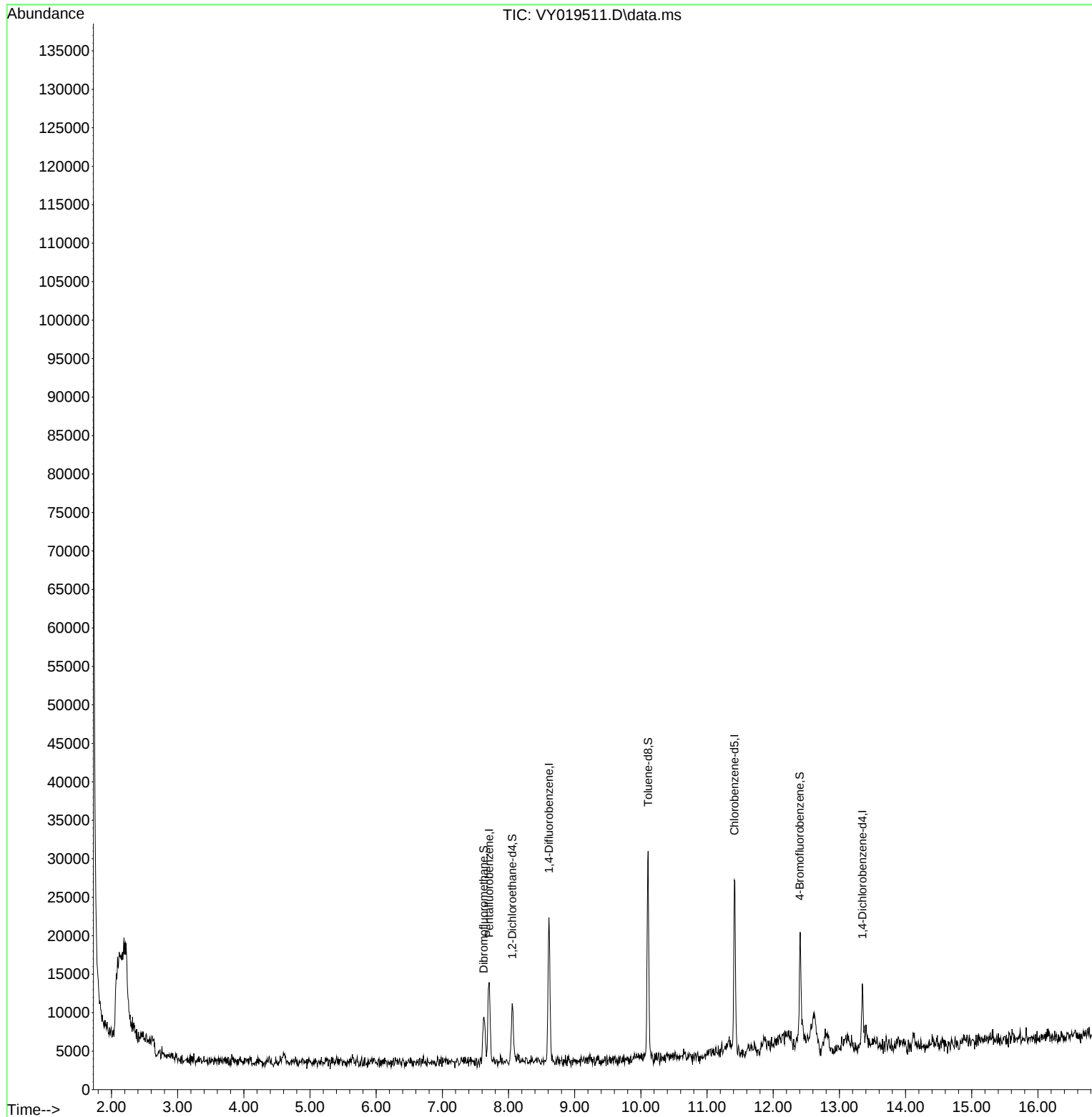
Target Compounds	Qvalue

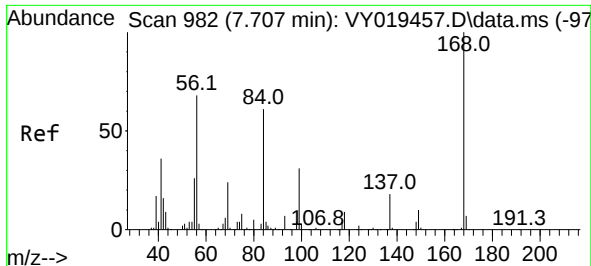
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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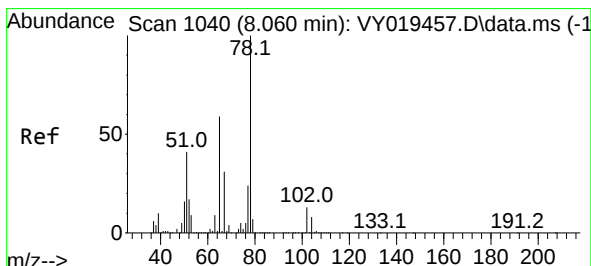
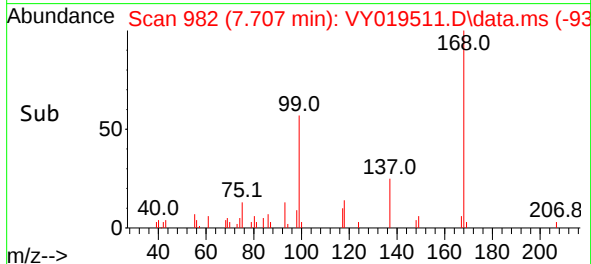
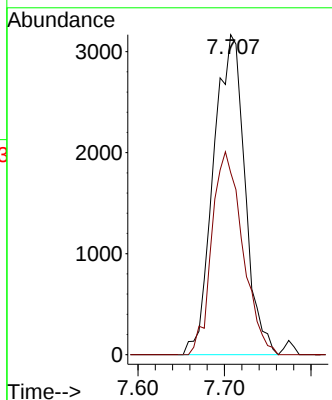
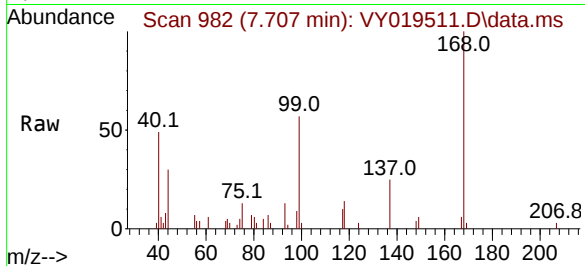




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

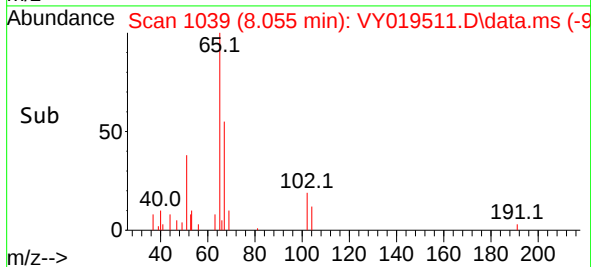
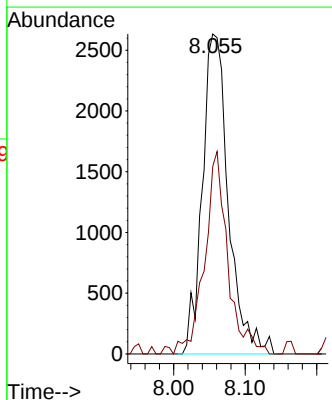
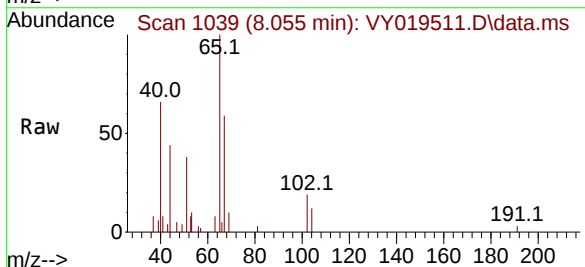
Instrument :
MSVOA_Y
ClientSampleId :
72-11930

Tgt Ion:168 Resp: 7980
Ion Ratio Lower Upper
168 100
99 56.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 90.415 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 65 Resp: 6681
Ion Ratio Lower Upper
65 100
67 56.6 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: VY019511.D

Acq: 11 Sep 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

72-11930

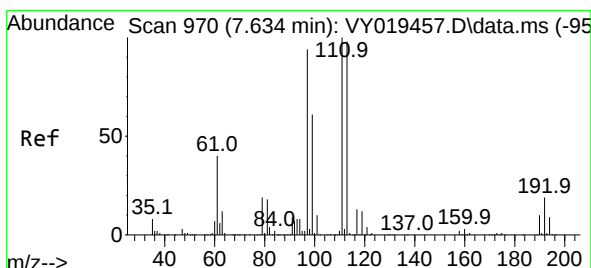
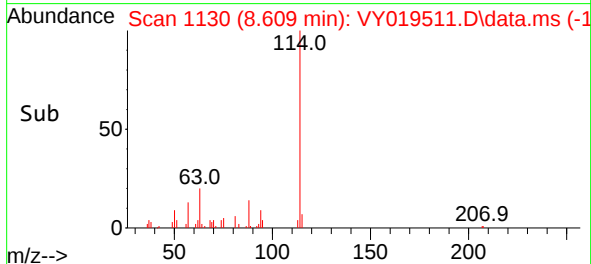
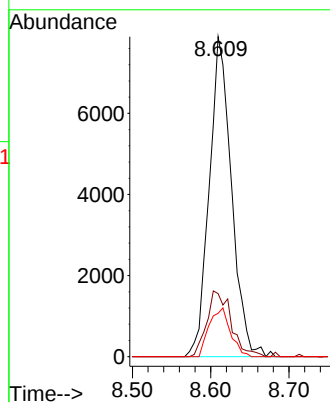
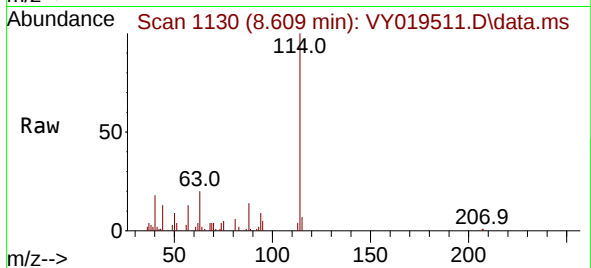
Tgt Ion:114 Resp: 15597

Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.660 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY019511.D

Acq: 11 Sep 2024 16:06

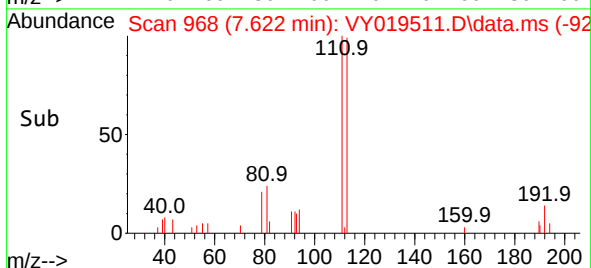
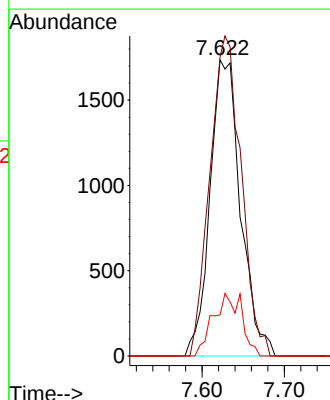
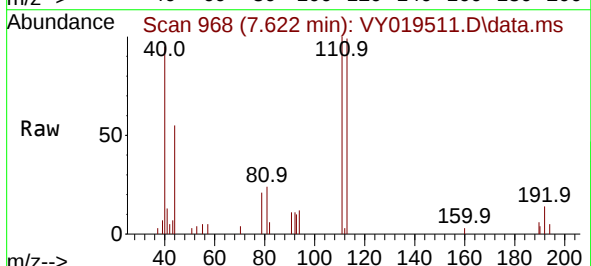
Tgt Ion:113 Resp: 4480

Ion Ratio Lower Upper

113 100

111 110.4 82.2 123.4

192 19.7 15.9 23.9

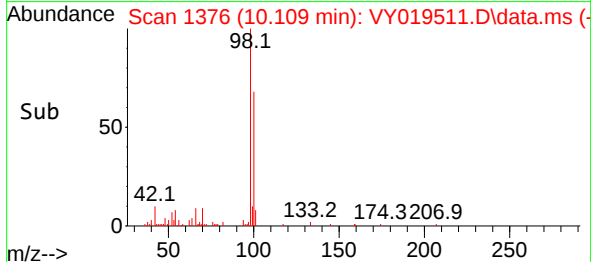
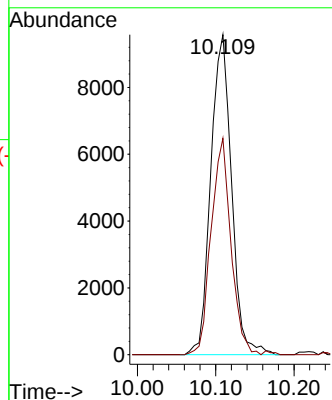
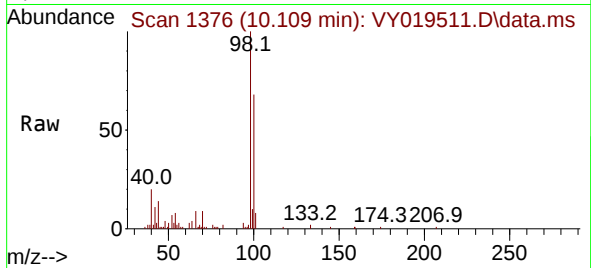




#50
Toluene-d8
Concen: 53.939 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

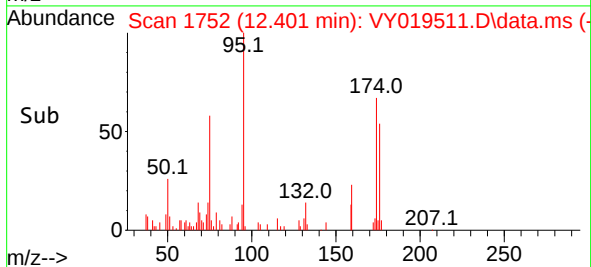
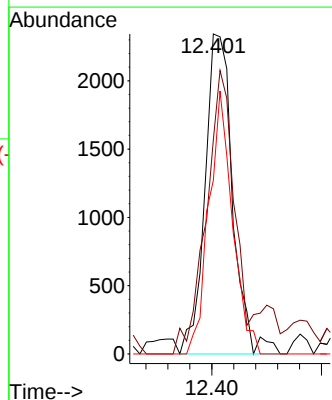
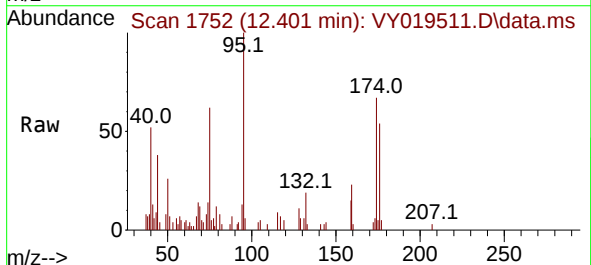
Instrument :
MSVOA_Y
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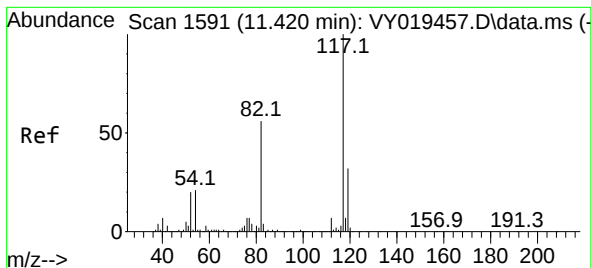
Tgt Ion: 98 Resp: 17643
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.663 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019511.D
Acq: 11 Sep 2024 16:06

Tgt Ion: 95 Resp: 4108
Ion Ratio Lower Upper
95 100
174 91.4 0.0 175.6
176 70.1 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: VY019511.D

Acq: 11 Sep 2024 16:06

Instrument :

MSVOA_Y

ClientSampleId :

72-11930

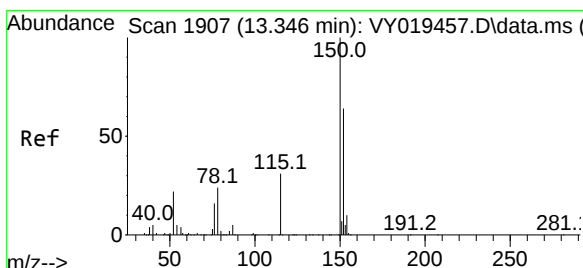
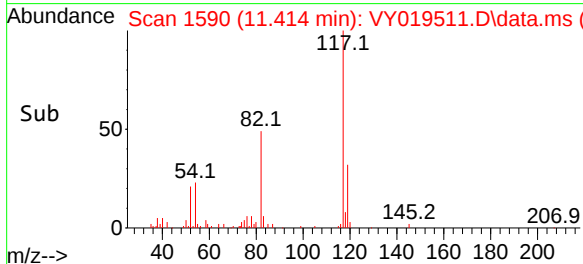
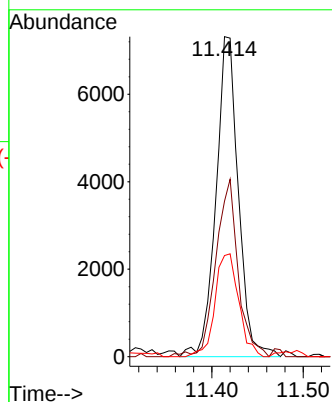
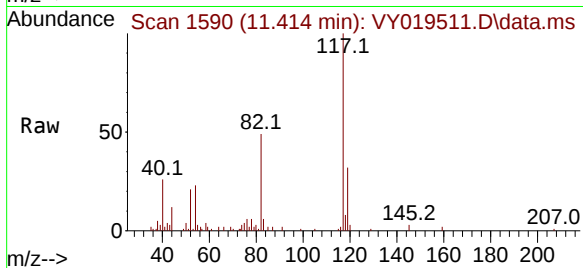
Tgt Ion:117 Resp: 12469

Ion Ratio Lower Upper

117 100

82 47.8 42.4 63.6

119 31.6 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: VY019511.D

Acq: 11 Sep 2024 16:06

Tgt Ion:152 Resp: 2060

Ion Ratio Lower Upper

152 100

115 86.1 28.2 84.7#

150 128.7 0.0 345.6

