

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019662.D
 Acq On : 23 Sep 2024 12:54
 Operator : SY/MD
 Sample : P4103-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14-5-7.5A

Quant Time: Sep 24 01:45:04 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	357828	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	634730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	512047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	176038	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	173488	52.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.720%
35) Dibromofluoromethane	7.634	113	190682	52.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.960%
50) Toluene-d8	10.109	98	725156	54.477	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.960%
62) 4-Bromofluorobenzene	12.407	95	212235	41.466	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.940%

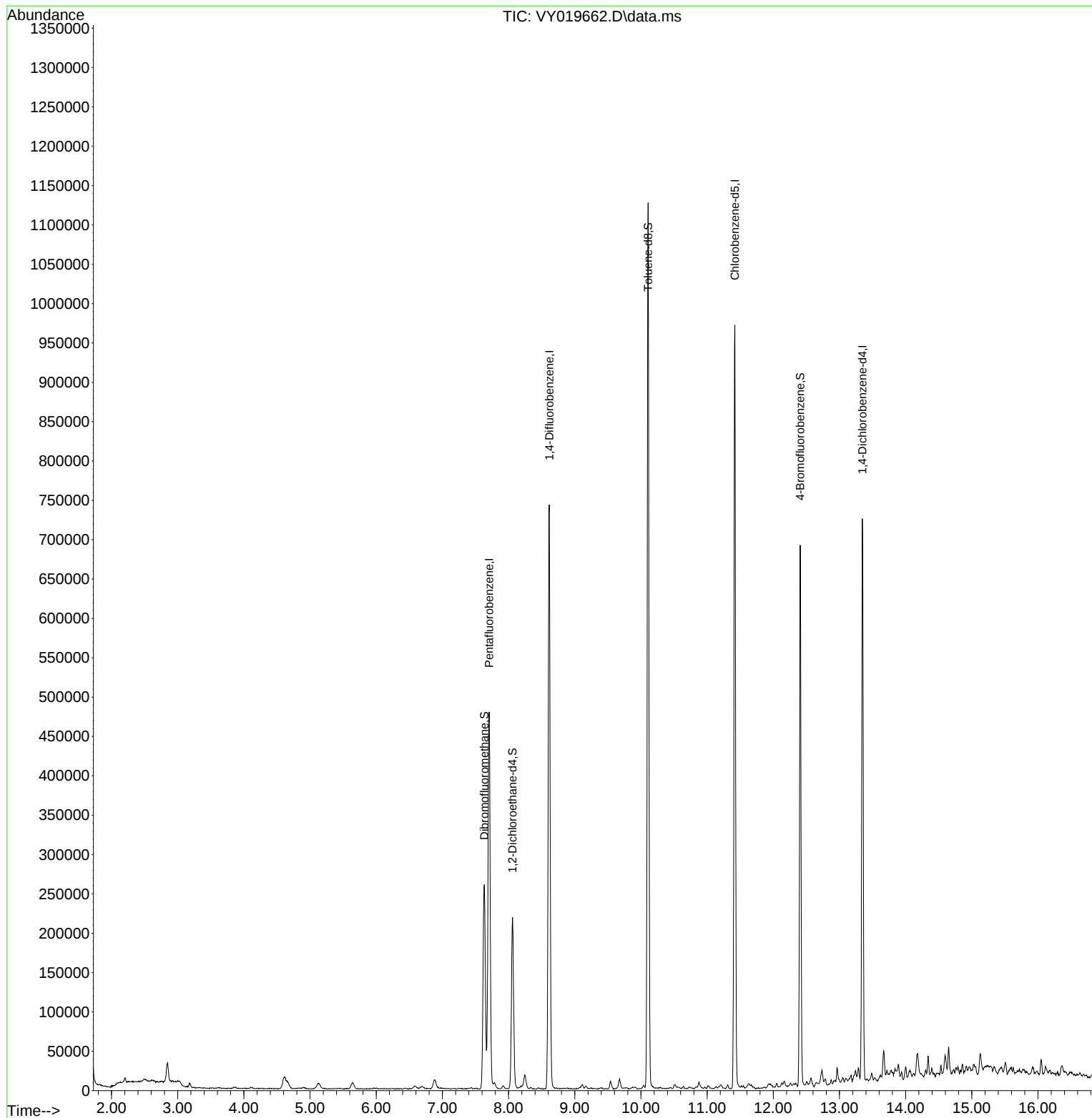
Target Compounds	Qvalue

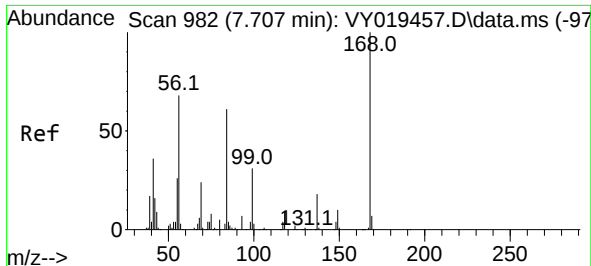
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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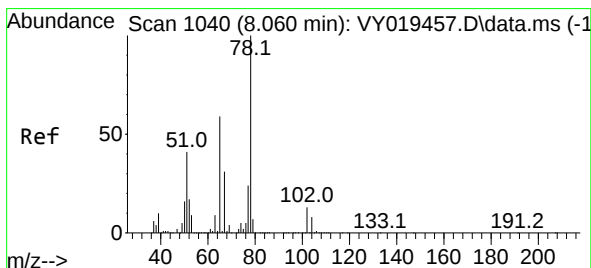
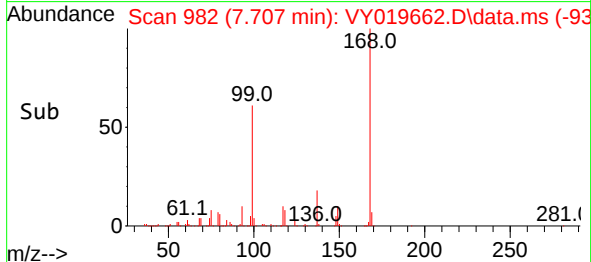
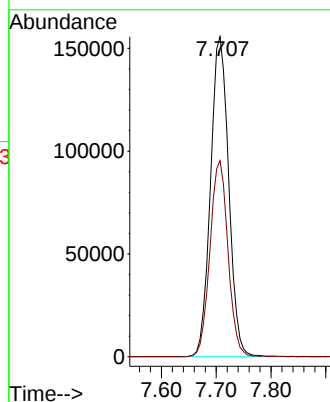
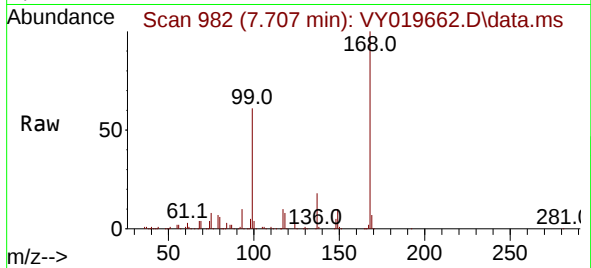




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019662.D
Acq: 23 Sep 2024 12:54

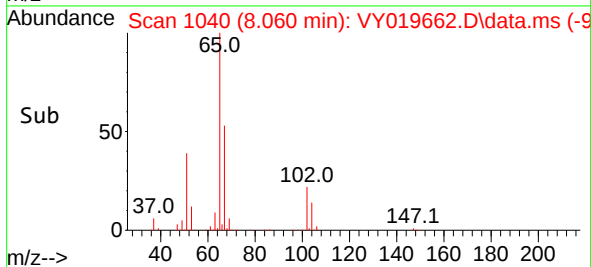
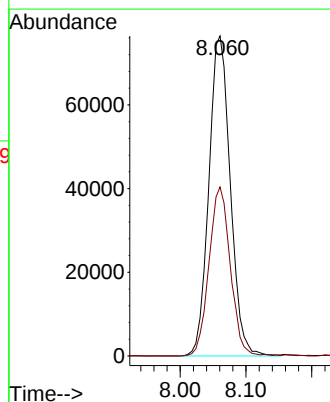
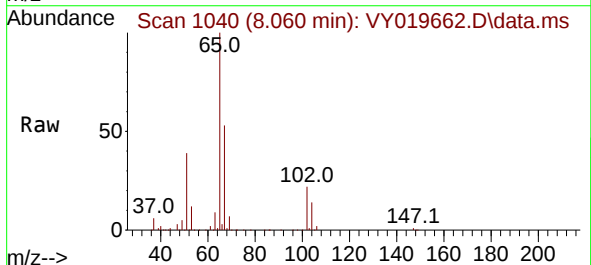
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5A

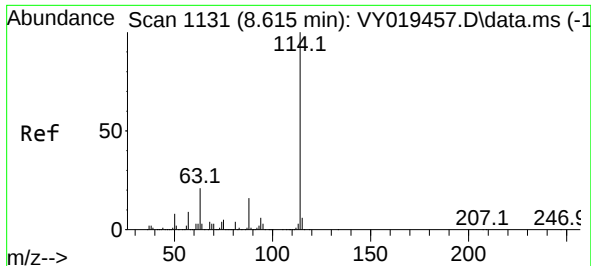
Tgt Ion:168 Resp: 357828
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 52.359 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY019662.D
Acq: 23 Sep 2024 12:54

Tgt Ion: 65 Resp: 173488
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6

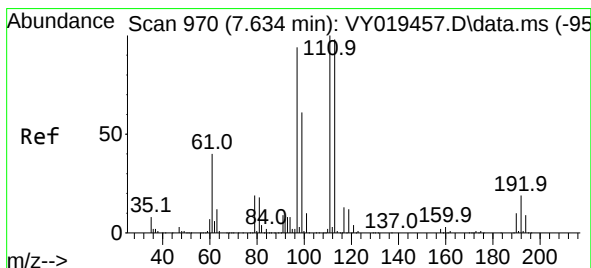
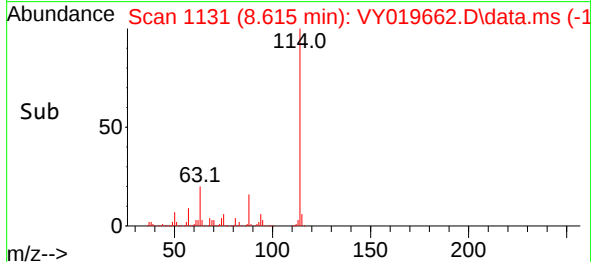
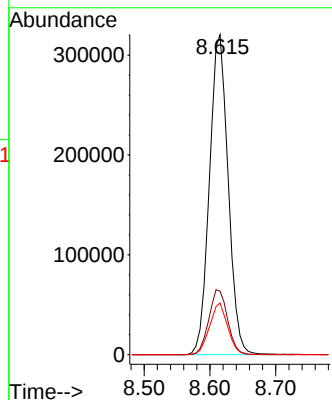
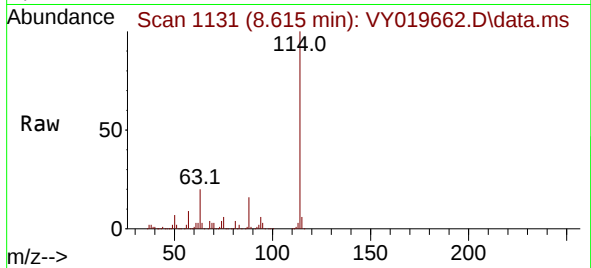




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY019662.D
Acq: 23 Sep 2024 12:54

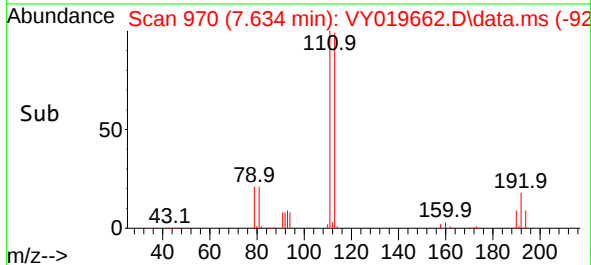
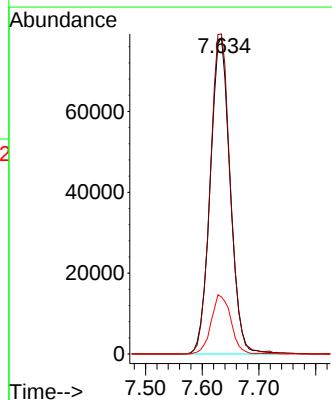
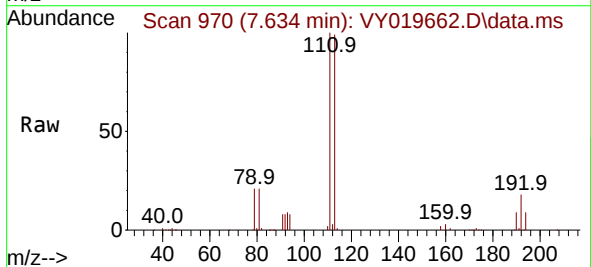
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5A

Tgt Ion:114 Resp: 634730
Ion Ratio Lower Upper
114 100
63 19.8 0.0 35.0
88 16.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.985 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY019662.D
Acq: 23 Sep 2024 12:54

Tgt Ion:113 Resp: 190682
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 18.5 15.9 23.9

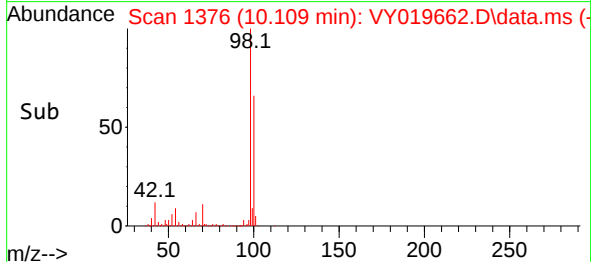
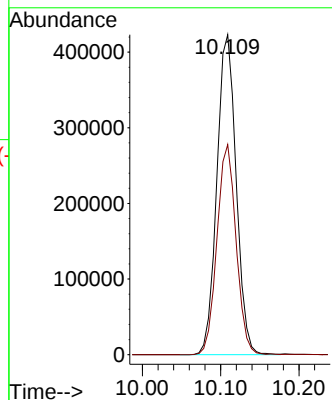
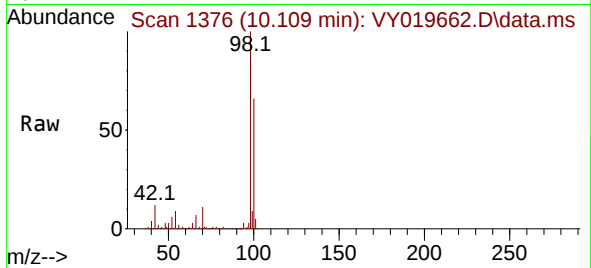




#50
Toluene-d8
Concen: 54.477 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY019662.D
Acq: 23 Sep 2024 12:54

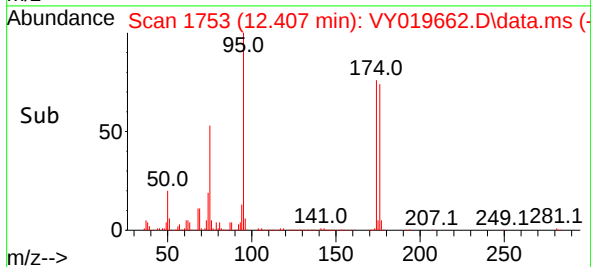
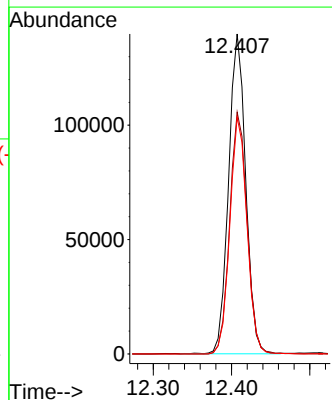
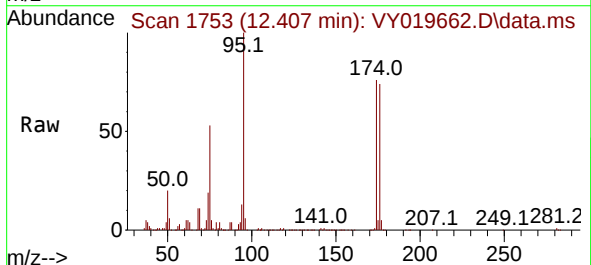
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-5-7.5A

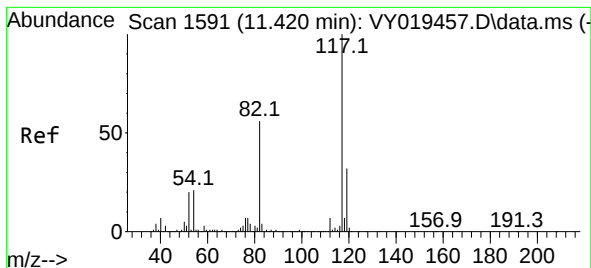
Tgt Ion: 98 Resp: 725156
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.466 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019662.D
Acq: 23 Sep 2024 12:54

Tgt Ion: 95 Resp: 212235
Ion Ratio Lower Upper
95 100
174 77.1 0.0 175.6
176 73.9 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: VY019662.D

Acq: 23 Sep 2024 12:54

Instrument :

MSVOA_Y

ClientSampleId :

WC-14-5-7.5A

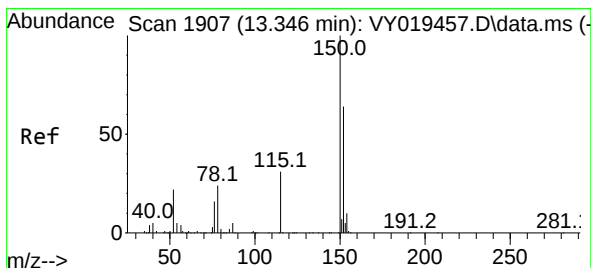
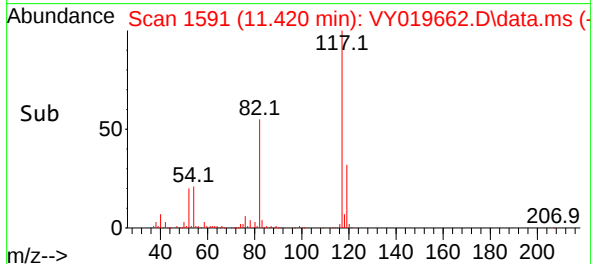
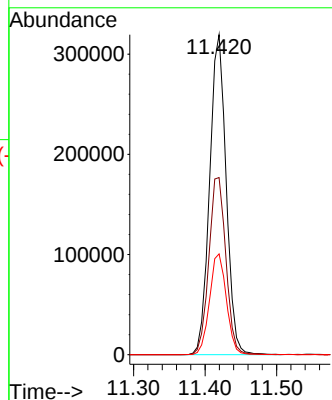
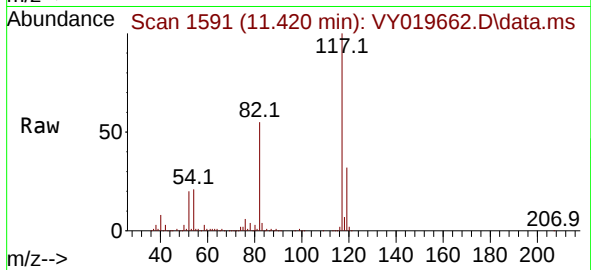
Tgt Ion:117 Resp: 512047

Ion Ratio Lower Upper

117 100

82 55.3 42.4 63.6

119 31.5 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: VY019662.D

Acq: 23 Sep 2024 12:54

Tgt Ion:152 Resp: 176038

Ion Ratio Lower Upper

152 100

115 60.1 28.2 84.7

150 157.5 0.0 345.6

