

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019648.D
 Acq On : 20 Sep 2024 16:10
 Operator : SY/MD
 Sample : P4103-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-22A

Quant Time: Sep 20 23:51:19 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	7.701	168	310769	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	599913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	541746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	246861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	181564	63.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.180%
35) Dibromofluoromethane	7.628	113	190857	56.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.220%
50) Toluene-d8	10.103	98	704213	55.974	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.940%
62) 4-Bromofluorobenzene	12.401	95	249204	51.515	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.040%

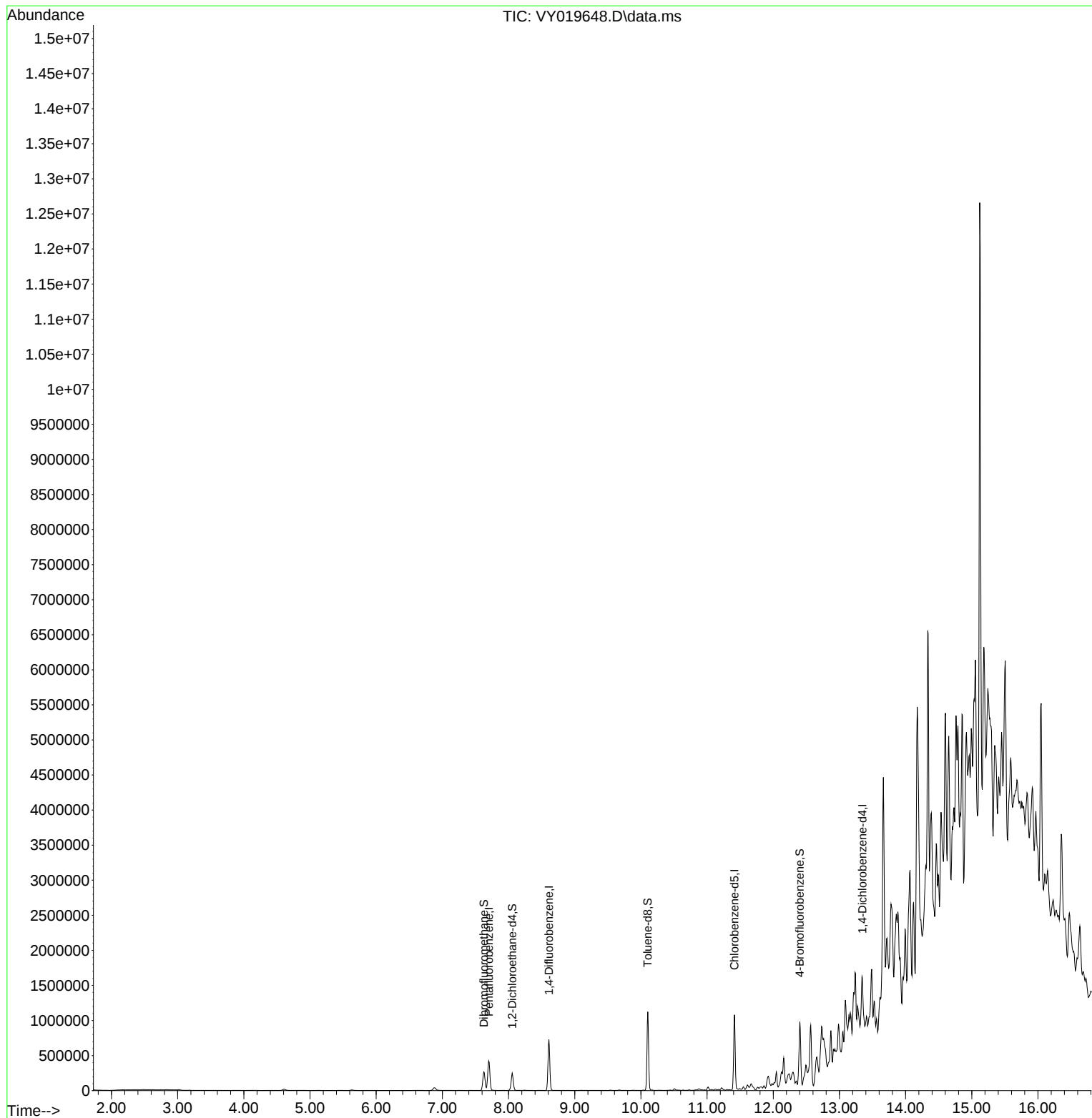
Target Compounds	Qvalue

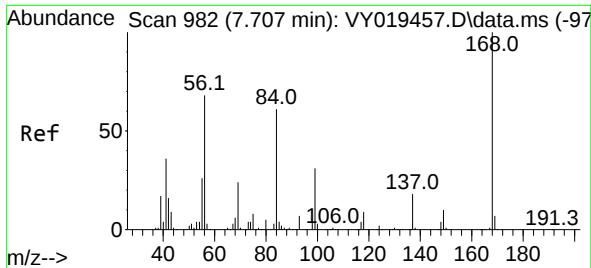
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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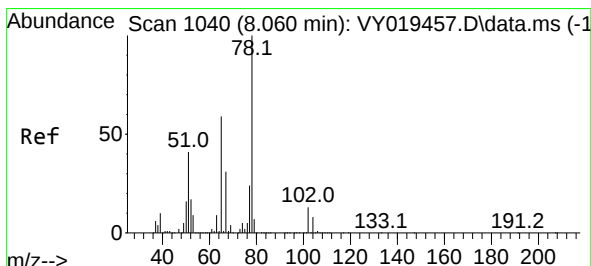
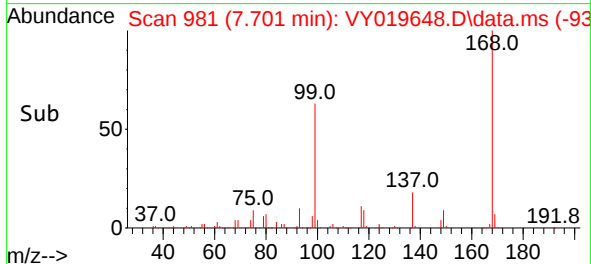
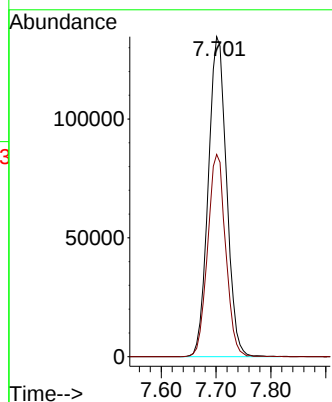
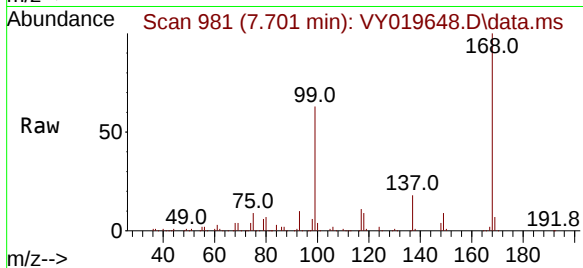




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019648.D
Acq: 20 Sep 2024 16:10

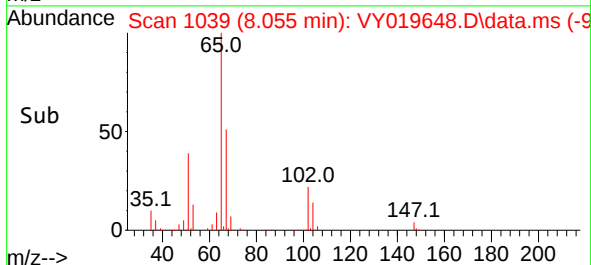
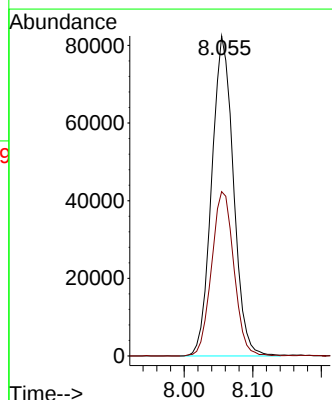
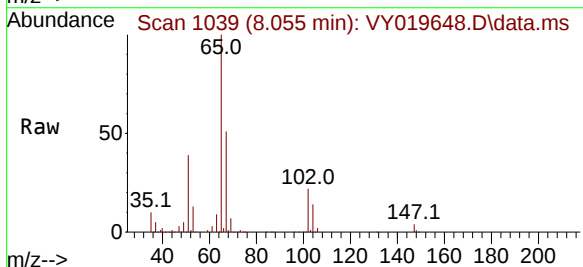
Instrument :
MSVOA_Y
ClientSampleId :
WC-22A

Tgt Ion:168 Resp: 310769
Ion Ratio Lower Upper
168 100
99 63.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 63.095 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019648.D
Acq: 20 Sep 2024 16:10

Tgt Ion: 65 Resp: 181564
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6

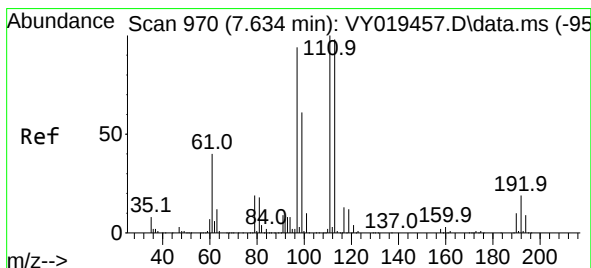
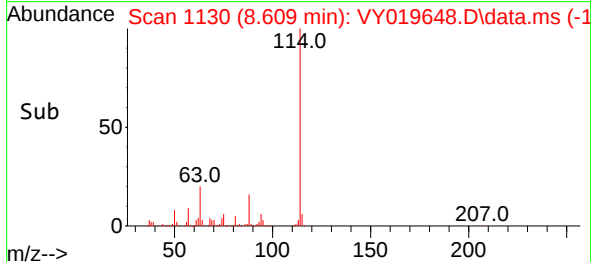
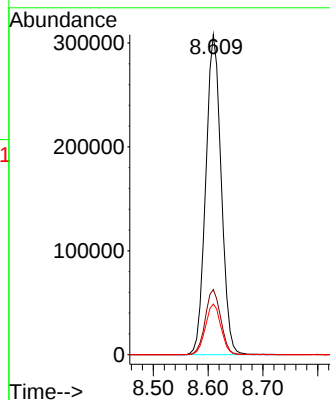
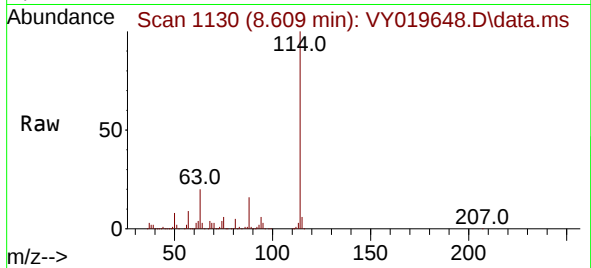




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019648.D
Acq: 20 Sep 2024 16:10

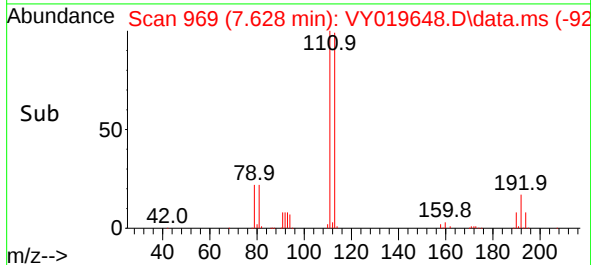
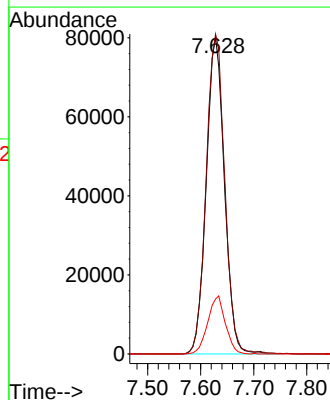
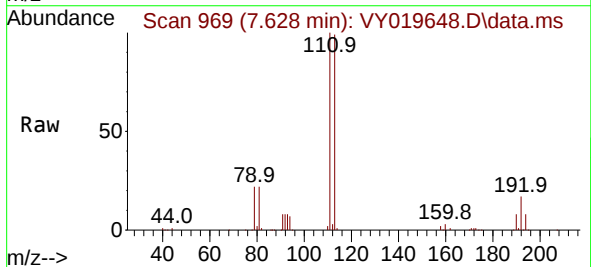
Instrument :
MSVOA_Y
ClientSampleId :
WC-22A

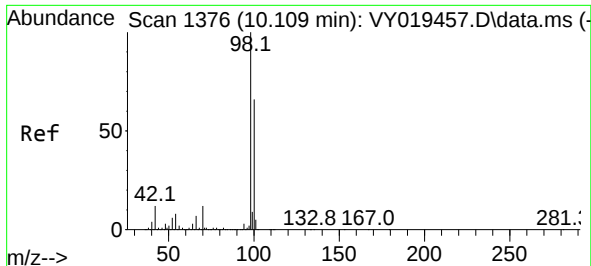
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	35.0
88	15.8	0.0	27.2



#35
Dibromofluoromethane
Concen: 56.111 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019648.D
Acq: 20 Sep 2024 16:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	17.7	15.9	23.9

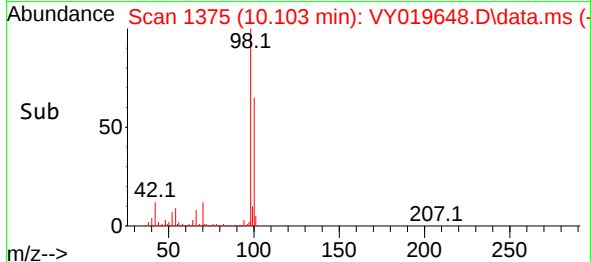
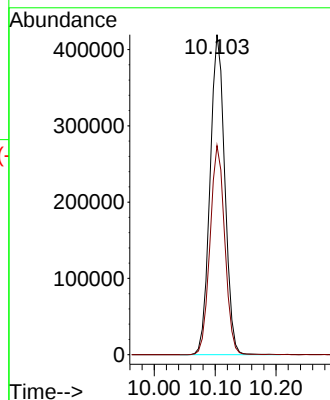
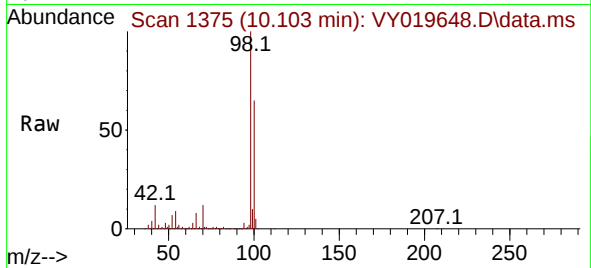




#50
Toluene-d8
Concen: 55.974 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019648.D
Acq: 20 Sep 2024 16:10

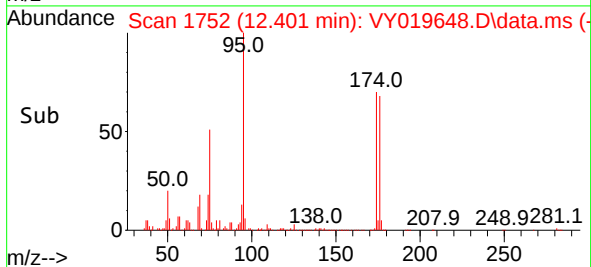
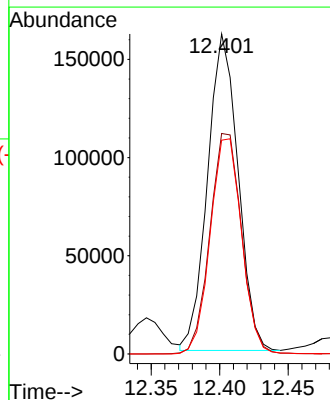
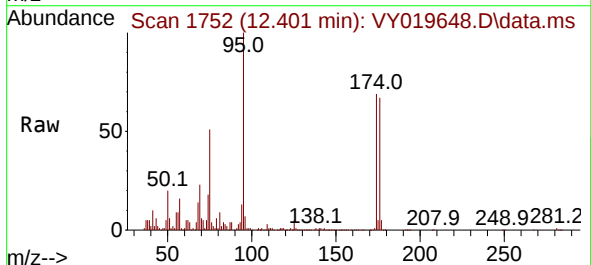
Instrument :
MSVOA_Y
ClientSampleId :
WC-22A

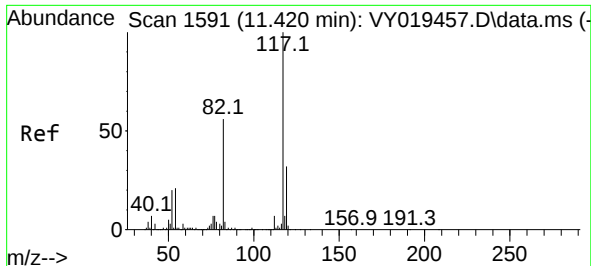
Tgt Ion: 98 Resp: 704213
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.515 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019648.D
Acq: 20 Sep 2024 16:10

Tgt Ion: 95 Resp: 249204
Ion Ratio Lower Upper
95 100
174 72.6 0.0 175.6
176 70.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.006 min

Lab File: VY019648.D

Acq: 20 Sep 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :

WC-22A

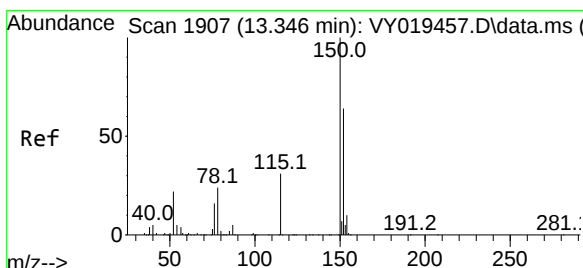
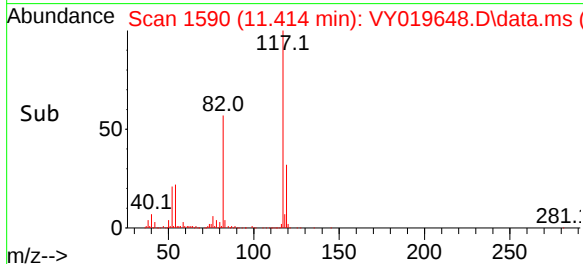
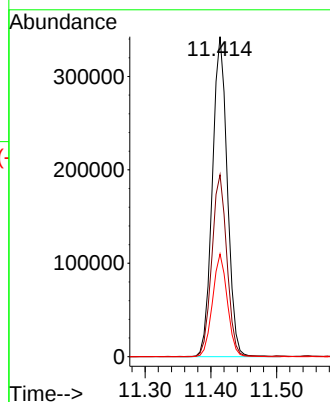
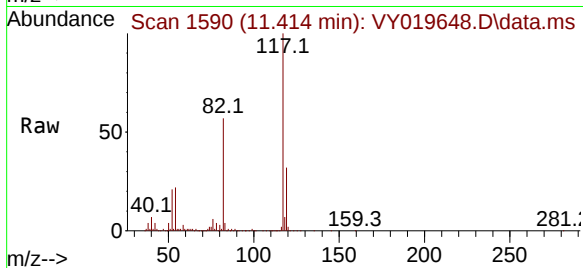
Tgt Ion:117 Resp: 541746

Ion Ratio Lower Upper

117 100

82 56.8 42.4 63.6

119 32.1 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: VY019648.D

Acq: 20 Sep 2024 16:10

Tgt Ion:152 Resp: 246861

Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 138.6 0.0 345.6

