

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019622.D
 Acq On : 19 Sep 2024 09:57
 Operator : SY/MD
 Sample : VY0919SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBL01

Quant Time: Sep 20 01:26:09 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	337085	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	640163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	557166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	195430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	188072	60.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.500%	
35) Dibromofluoromethane	7.634	113	201116	55.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.820%	
50) Toluene-d8	10.109	98	759772	56.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.180%	
62) 4-Bromofluorobenzene	12.408	95	230812	44.713	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.420%	

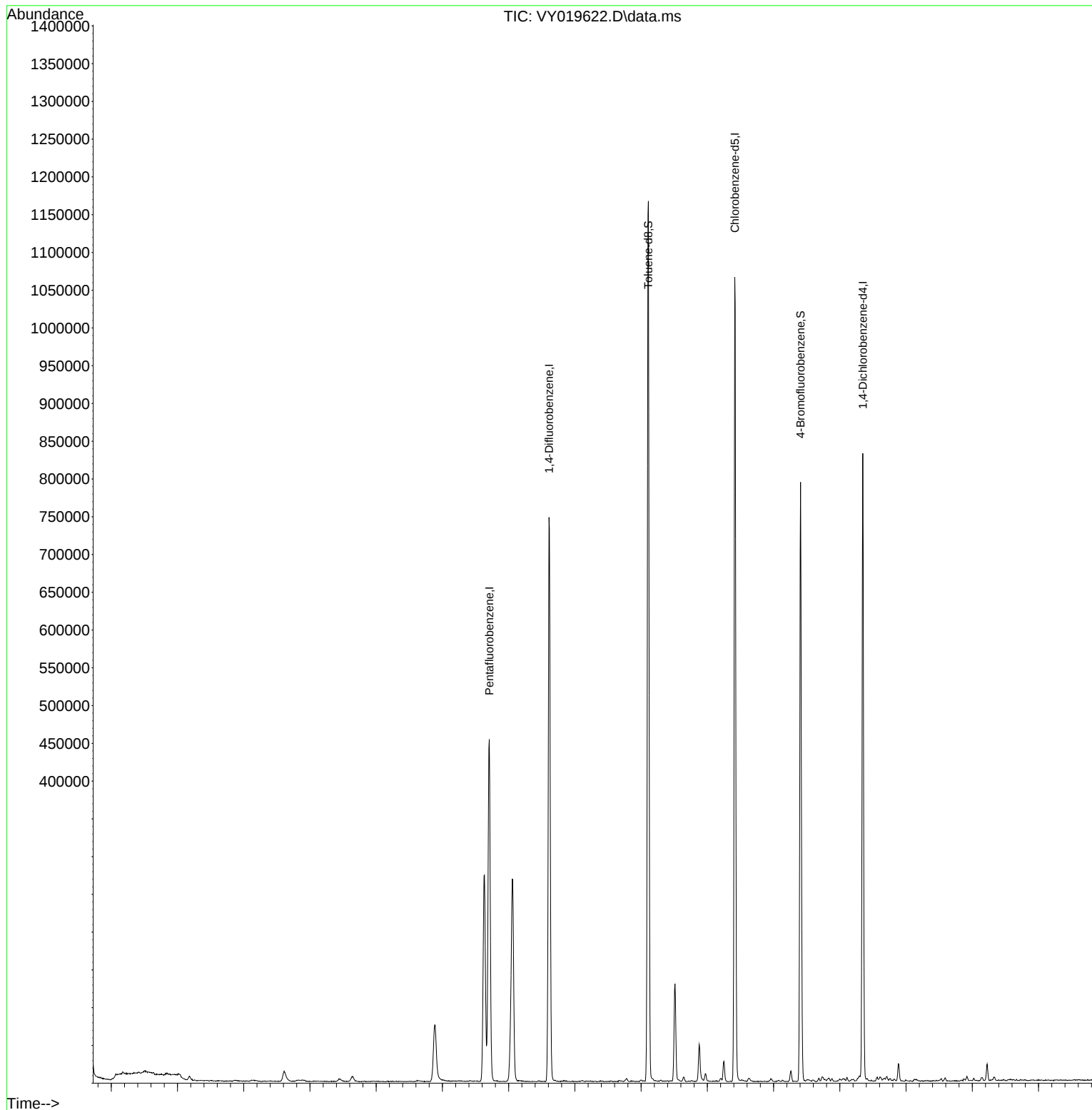
Target Compounds Qvalue

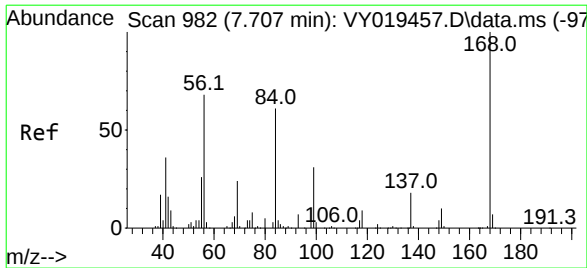
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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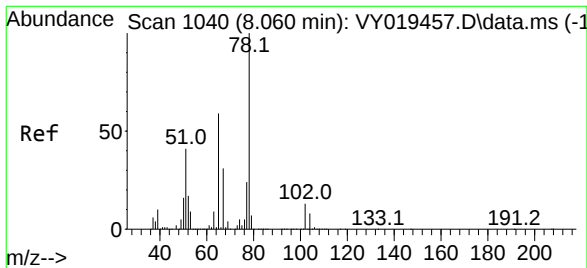
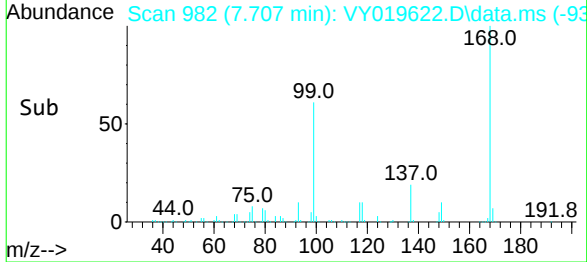
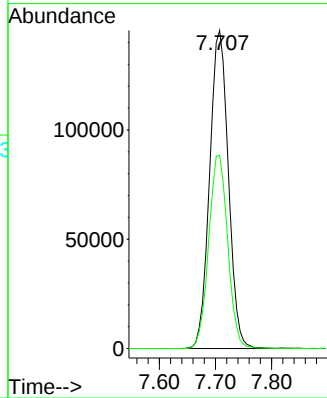
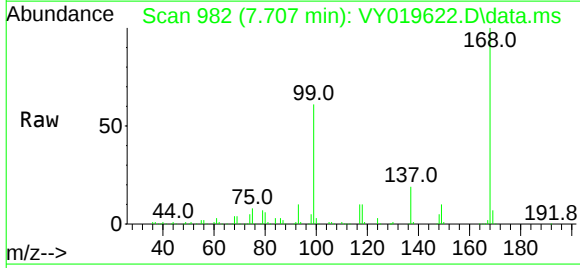




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

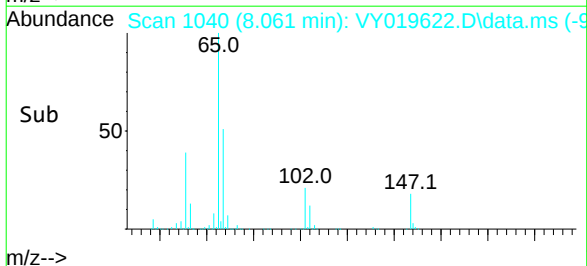
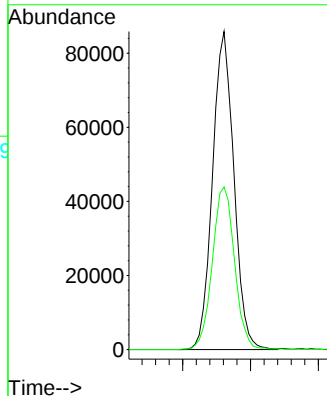
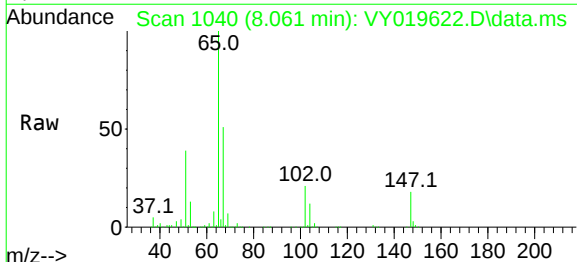
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBL01

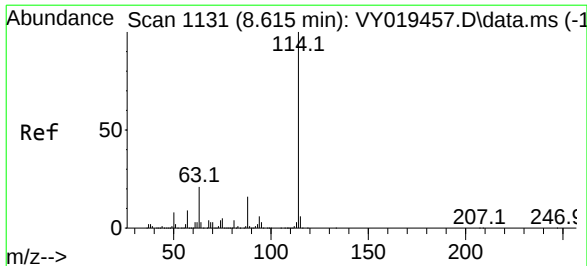
Tgt Ion:168 Resp: 337085
Ion Ratio Lower Upper
168 100
99 60.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 60.254 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

Tgt Ion: 65 Resp: 188072
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6

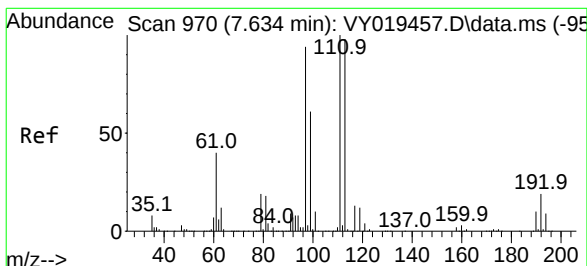
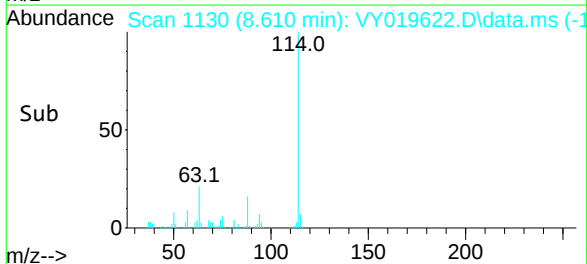
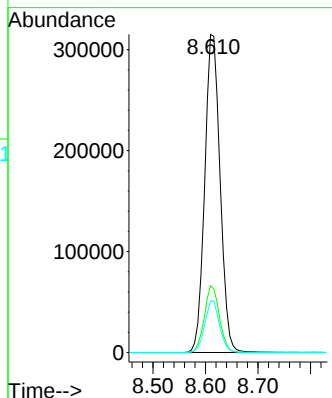
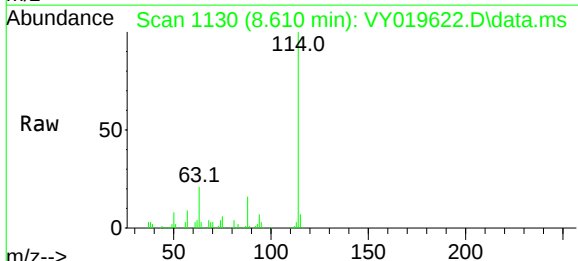




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

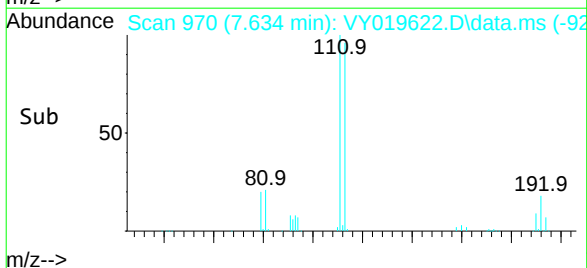
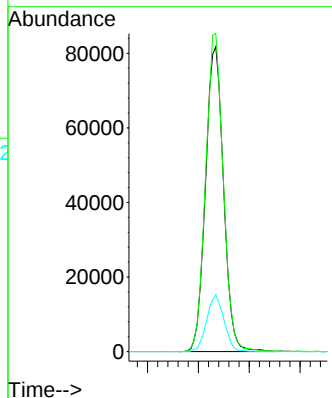
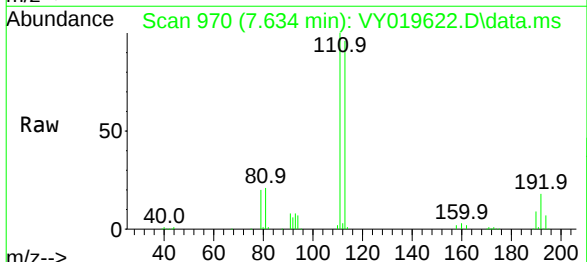
Instrument :
MSVOA_Y
ClientSampleId :
VY0919SBL01

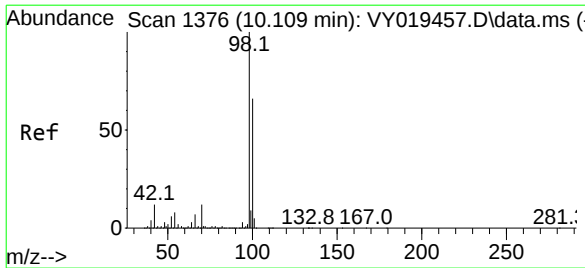
Tgt Ion:	114	Resp:	640163
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	35.0
88	16.1	0.0	27.2



#35
Dibromofluoromethane
Concen: 55.410 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019622.D
Acq: 19 Sep 2024 09:57

Tgt Ion:	113	Resp:	201116
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	17.9	15.9	23.9





#50

Toluene-d8

Concen: 56.594 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019622.D

Acq: 19 Sep 2024 09:57

Instrument :

MSVOA_Y

ClientSampleId :

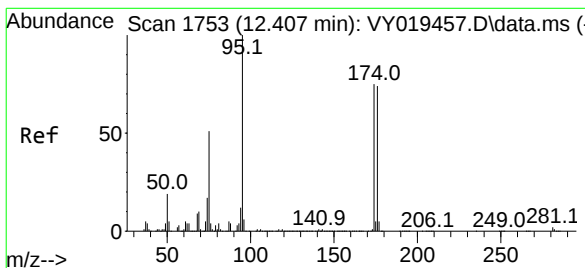
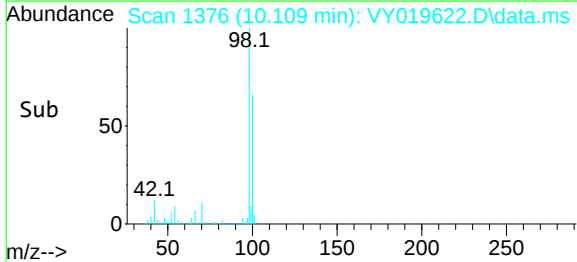
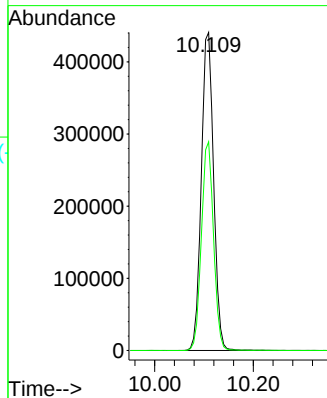
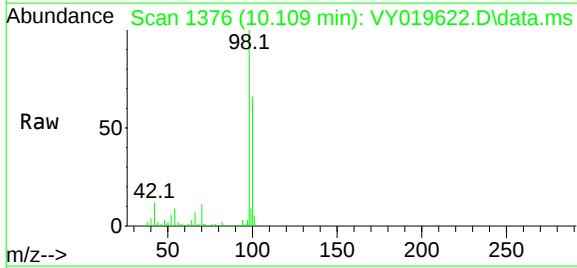
VY0919SBL01

Tgt Ion: 98 Resp: 759772

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.713 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019622.D

Acq: 19 Sep 2024 09:57

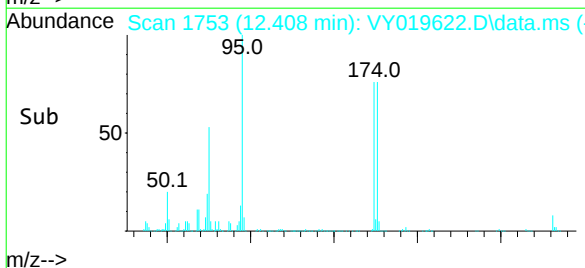
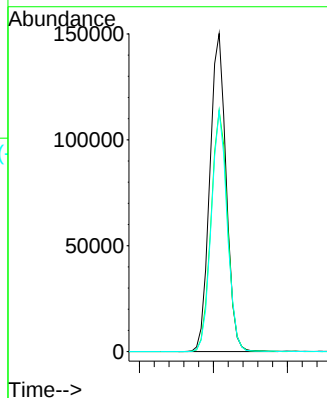
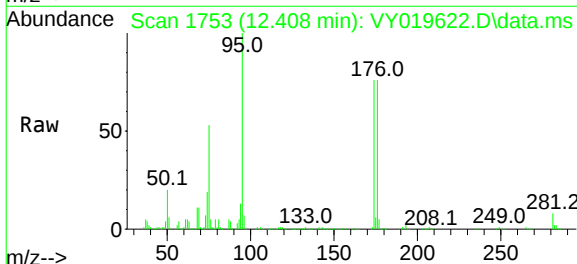
Tgt Ion: 95 Resp: 230812

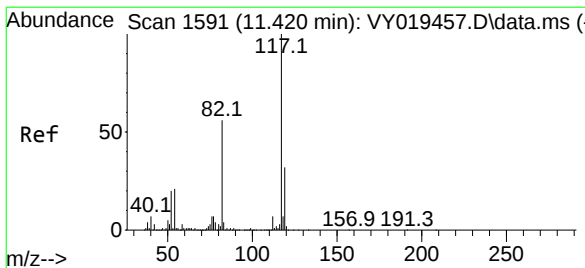
Ion Ratio Lower Upper

95 100

174 76.0 0.0 175.6

176 73.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019622.D

Acq: 19 Sep 2024 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0919SBL01

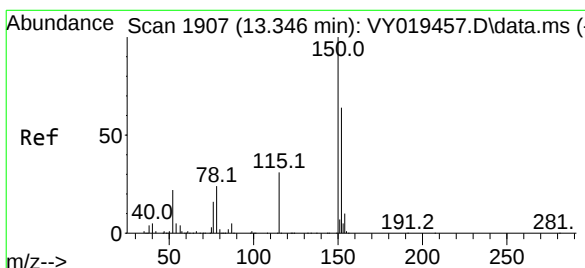
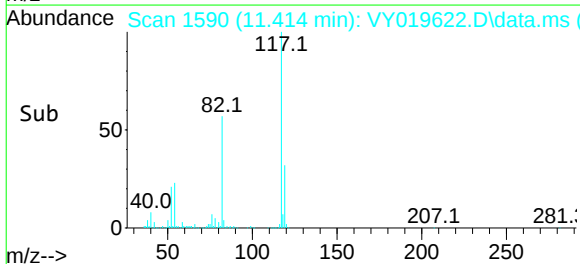
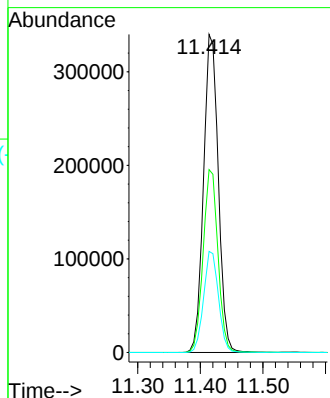
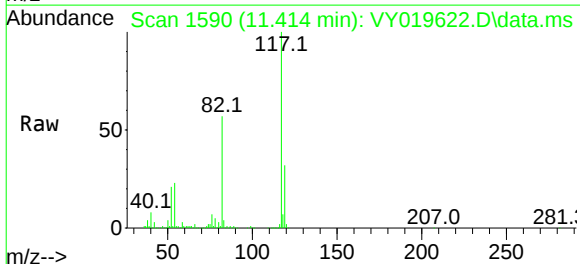
Tgt Ion:117 Resp: 557166

Ion Ratio Lower Upper

117 100

82 57.5 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019622.D

Acq: 19 Sep 2024 09:57

Tgt Ion:152 Resp: 195430

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 157.9 0.0 345.6

