

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019737.D
 Acq On : 01 Oct 2024 11:51
 Operator : SY/MD
 Sample : VY1001SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1001SBL01

Quant Time: Oct 01 17:08:14 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	322882	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	609632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	533201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	192270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	185044	61.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.780%	
35) Dibromofluoromethane	7.634	113	192820	55.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.560%	
50) Toluene-d8	10.103	98	725364	56.736	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.480%	
62) 4-Bromofluorobenzene	12.401	95	234070	47.615	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.240%	

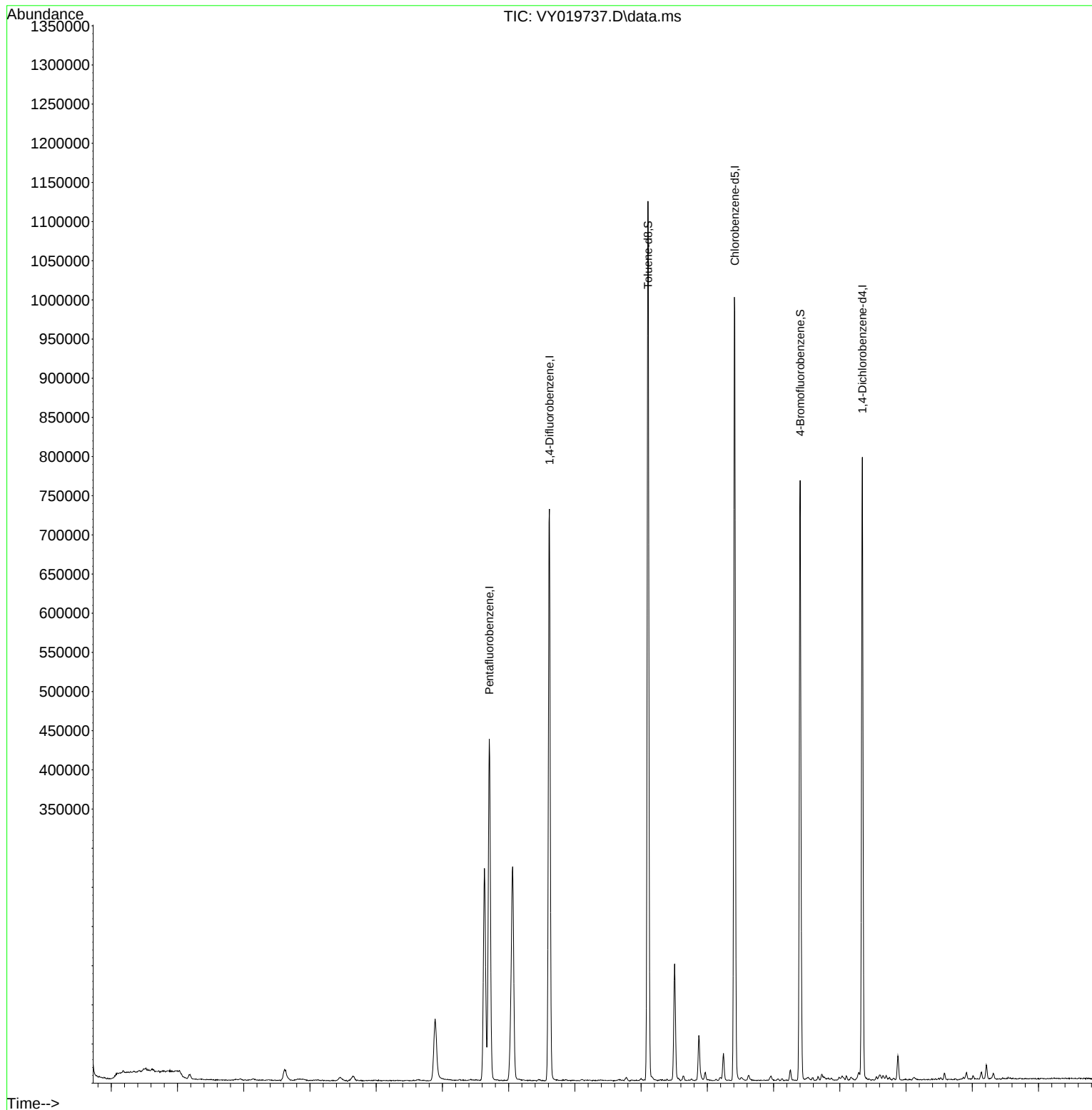
Target Compounds Qvalue

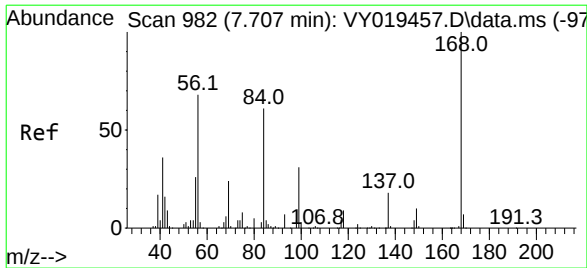
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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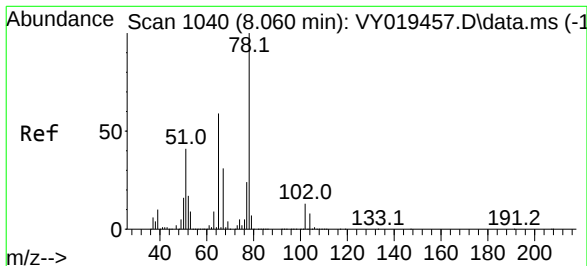
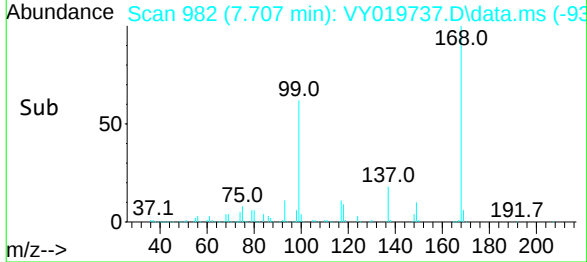
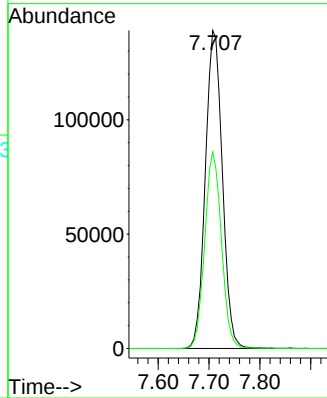
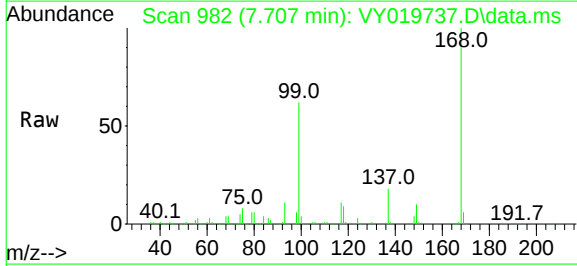




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

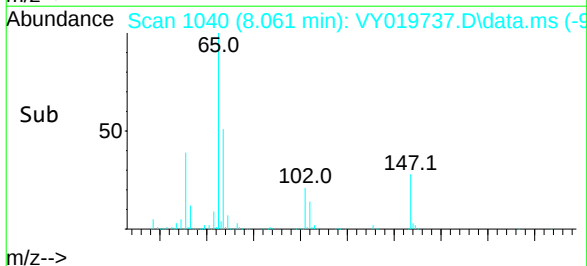
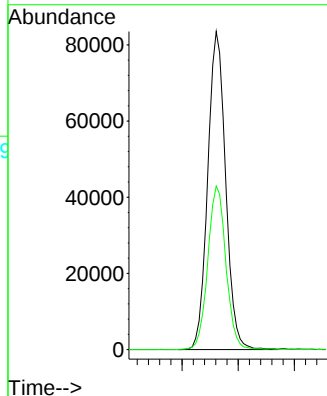
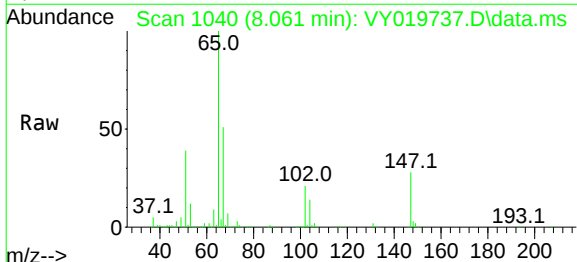
Instrument :
MSVOA_Y
ClientSampleId :
VY1001SBL01

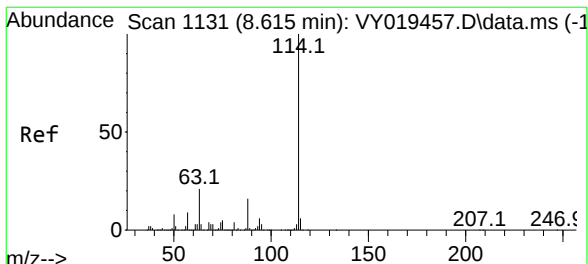
Tgt Ion:168 Resp: 322882
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.891 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

Tgt Ion: 65 Resp: 185044
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6

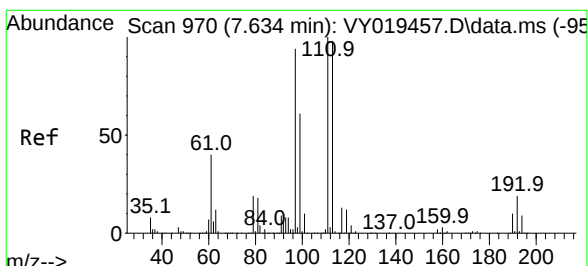
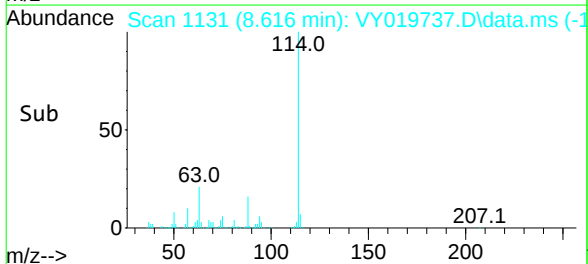
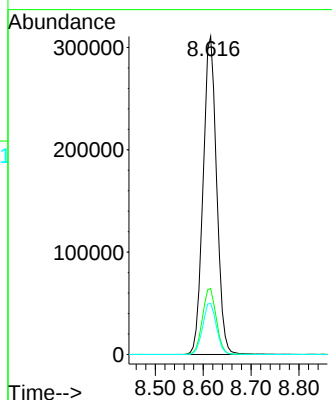
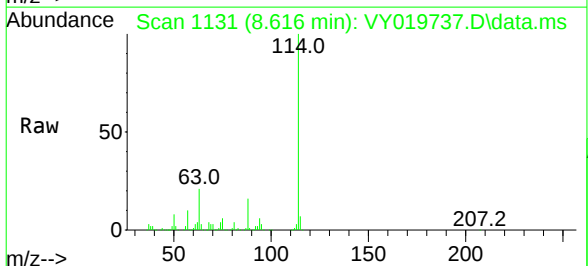




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

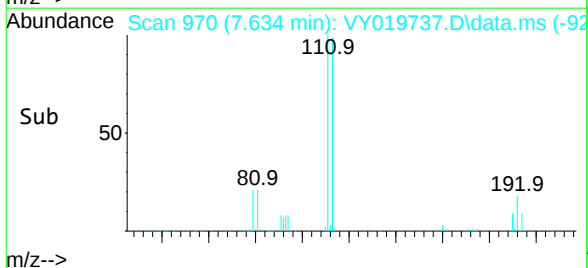
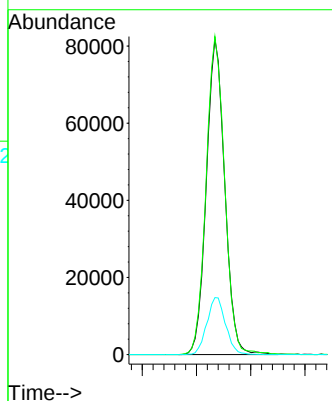
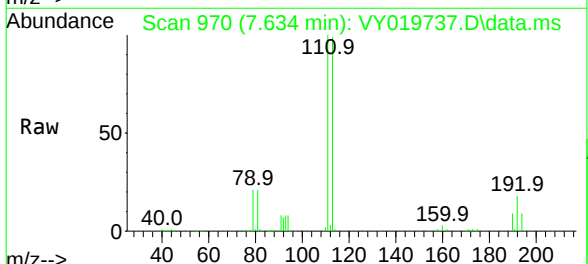
Instrument :
MSVOA_Y
ClientSampleId :
VY1001SBL01

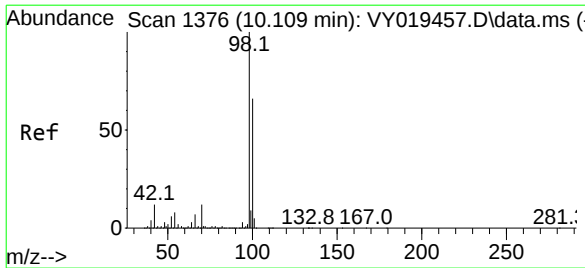
Tgt Ion:	114	Resp:	609632
Ion Ratio	Lower	Upper	
114	100		
63	20.8	0.0	35.0
88	16.0	0.0	27.2



#35
Dibromofluoromethane
Concen: 55.785 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019737.D
Acq: 01 Oct 2024 11:51

Tgt Ion:	113	Resp:	192820
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.2	123.4
192	18.4	15.9	23.9





#50

Toluene-d8

Concen: 56.736 ug/l

RT: 10.103 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY019737.D

Acq: 01 Oct 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

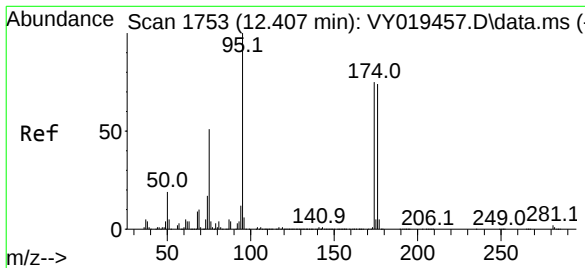
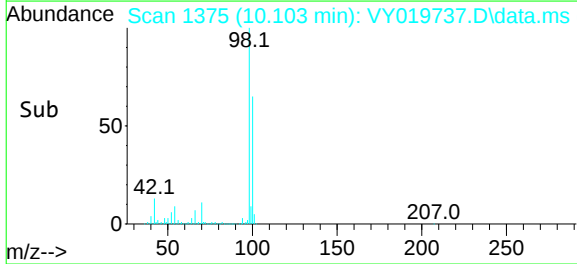
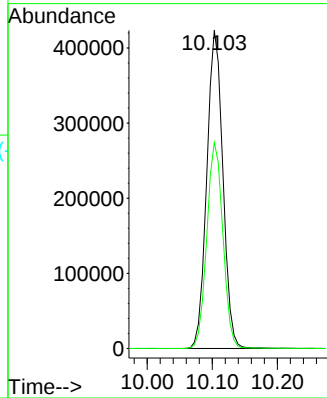
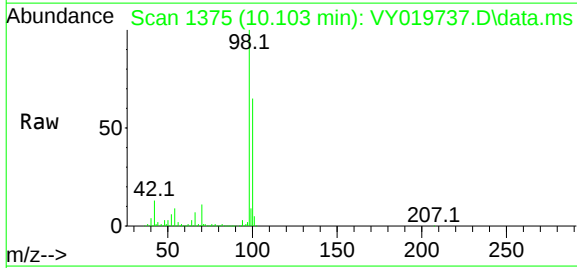
VY1001SBL01

Tgt Ion: 98 Resp: 725364

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.615 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019737.D

Acq: 01 Oct 2024 11:51

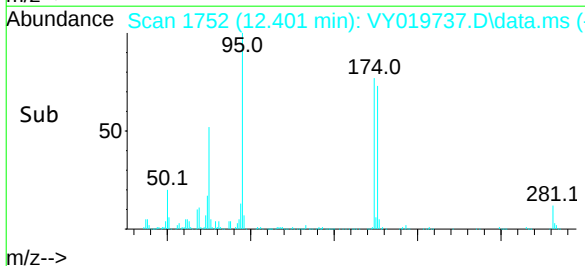
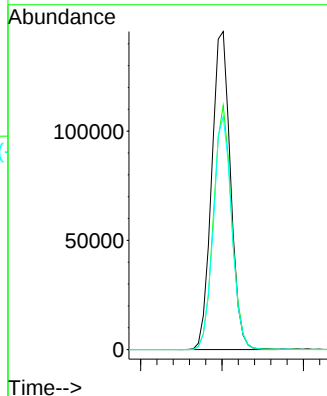
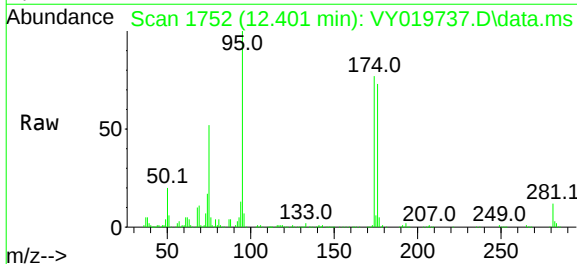
Tgt Ion: 95 Resp: 234070

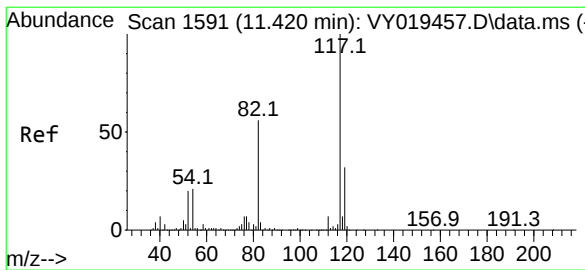
Ion Ratio Lower Upper

95 100

174 73.8 0.0 175.6

176 71.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY019737.D

Acq: 01 Oct 2024 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VY1001SBL01

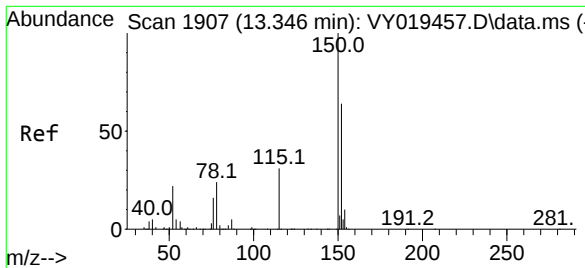
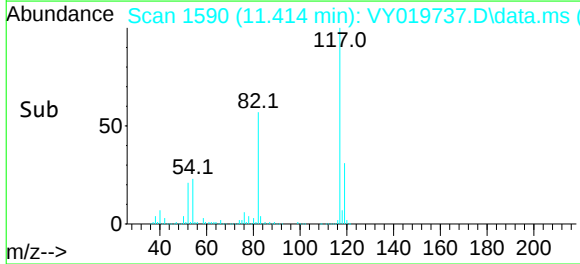
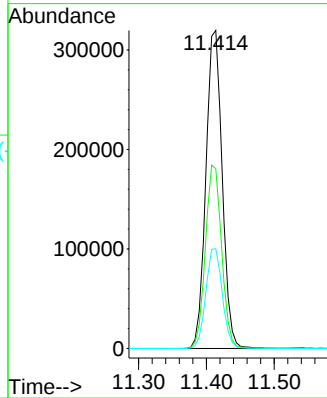
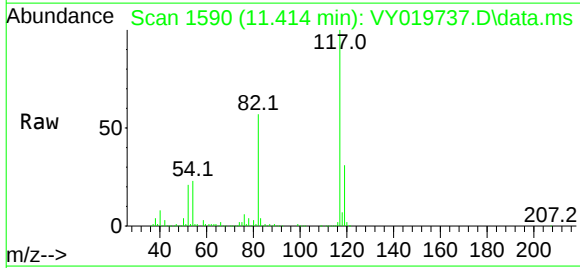
Tgt Ion:117 Resp: 533201

Ion Ratio Lower Upper

117 100

82 56.5 42.4 63.6

119 31.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019737.D

Acq: 01 Oct 2024 11:51

Tgt Ion:152 Resp: 192270

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 158.0 0.0 345.6

