

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020581.D
 Acq On : 11 Dec 2024 11:42
 Operator : SY/MD
 Sample : VY1211SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBL01

Quant Time: Dec 11 22:10:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	174274	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	301085	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	254115	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	98775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93216	52.593	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.180%
35) Dibromofluoromethane	7.634	113	93556	49.358	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.103	98	362426	50.214	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.420%
62) 4-Bromofluorobenzene	12.402	95	108968	43.167	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.340%

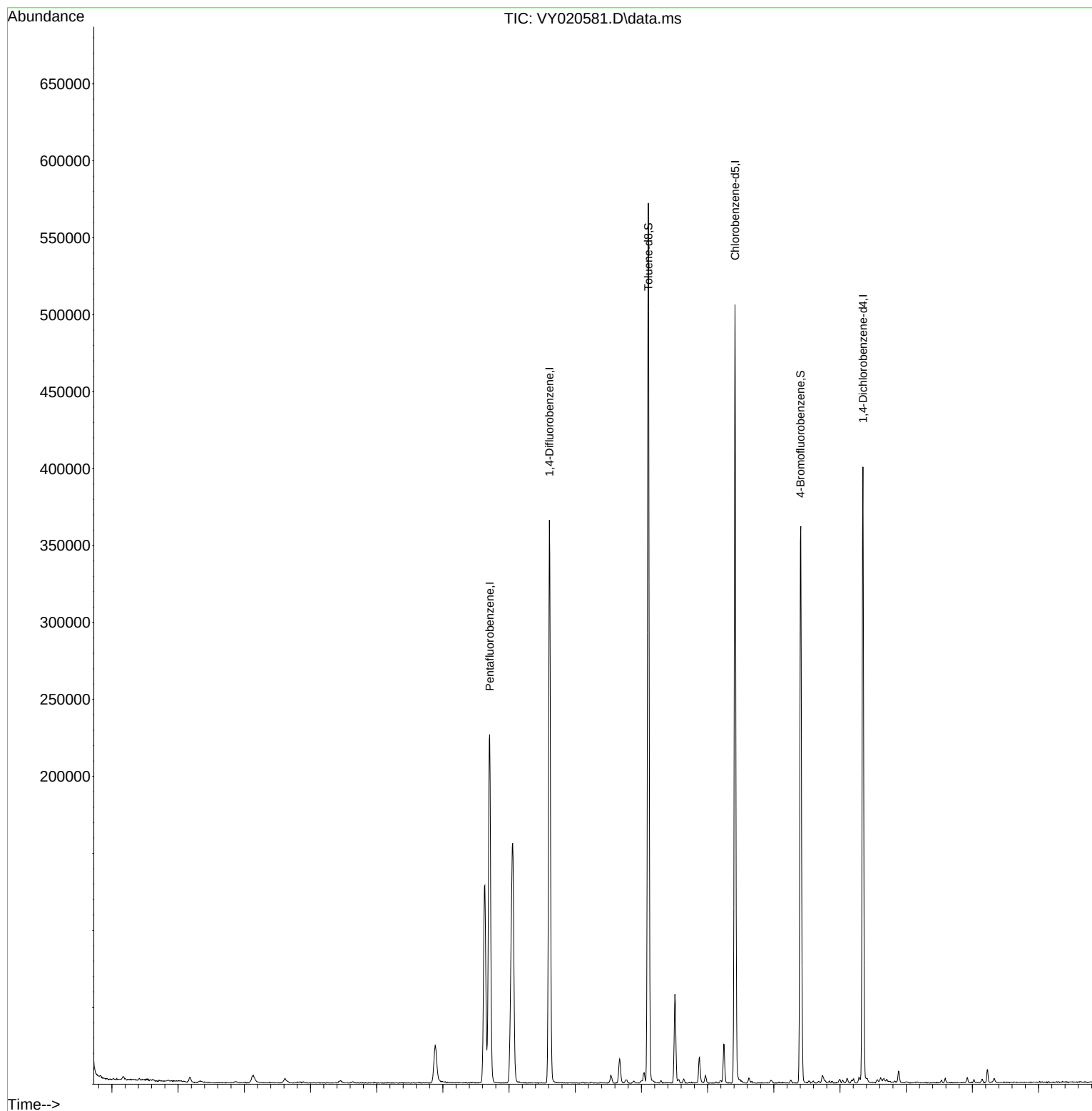
Target Compounds	Qvalue

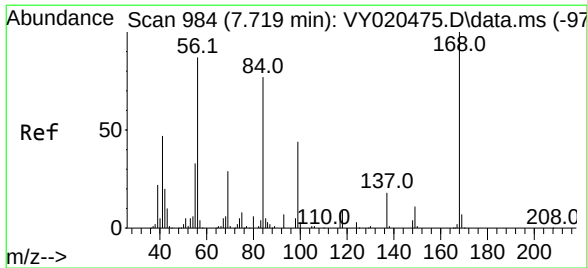
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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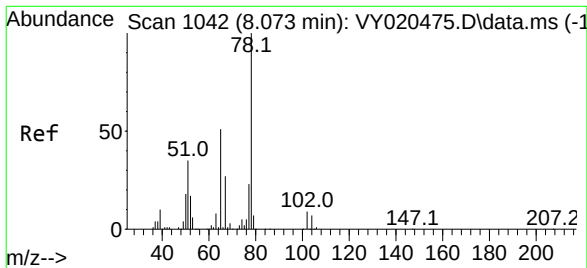
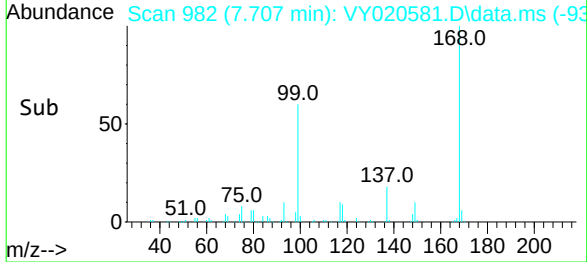
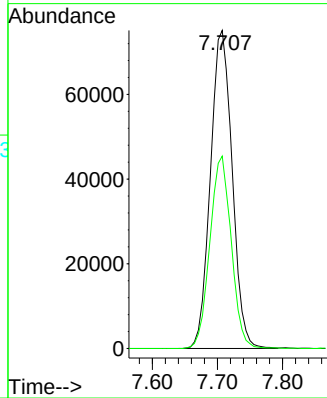
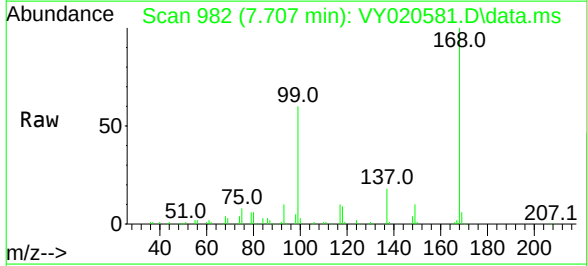




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020581.D
Acq: 11 Dec 2024 11:42

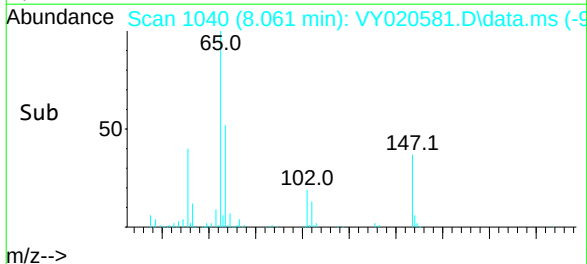
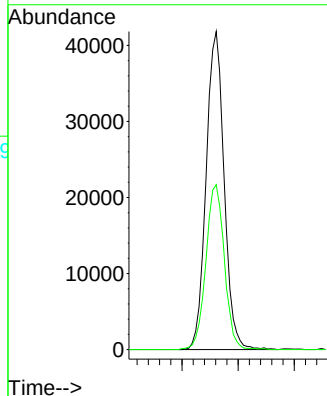
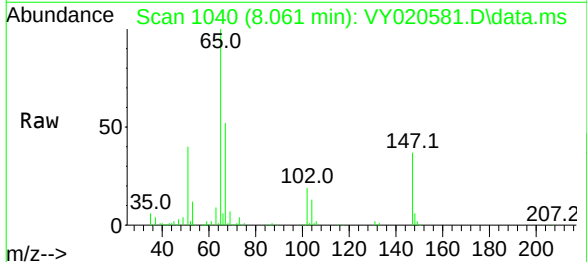
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBL01

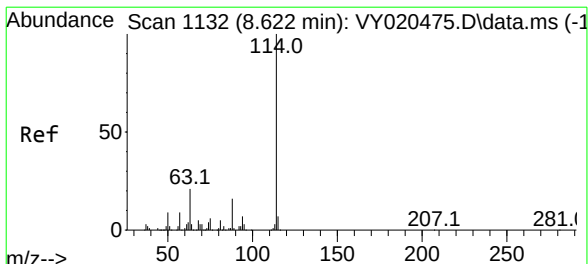
Tgt Ion:168 Resp: 174274
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 52.593 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020581.D
Acq: 11 Dec 2024 11:42

Tgt Ion: 65 Resp: 93216
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8

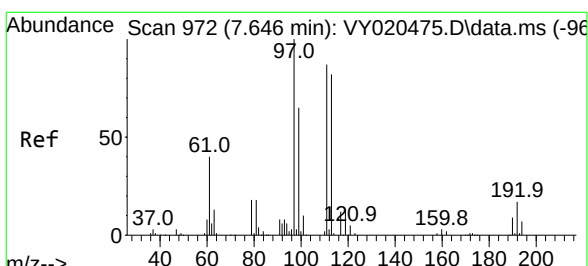
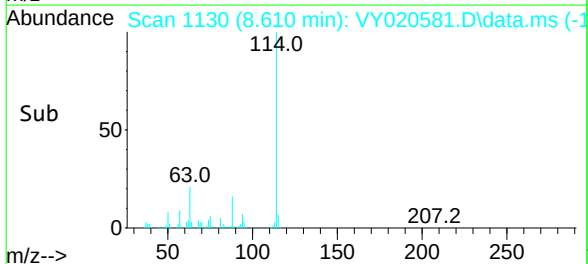
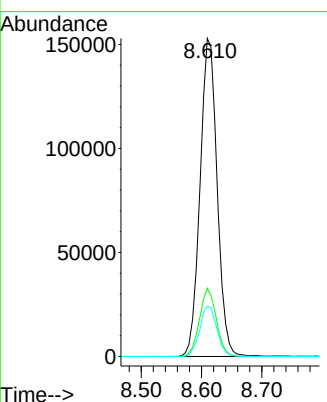
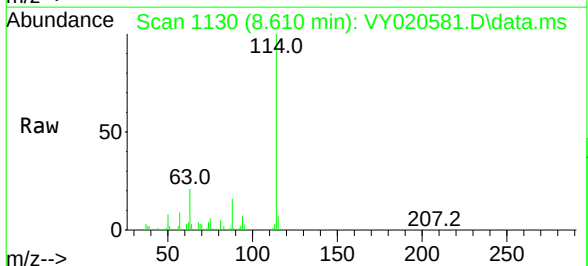




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020581.D
 Acq: 11 Dec 2024 11:42

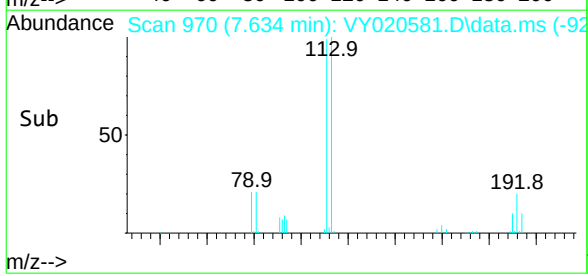
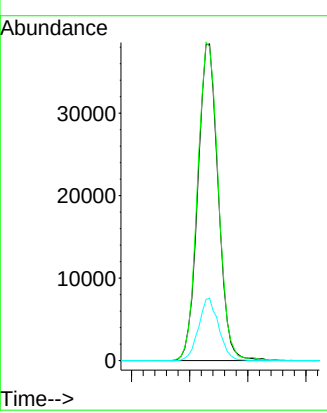
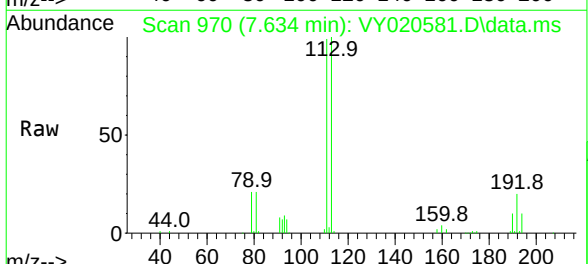
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBL01

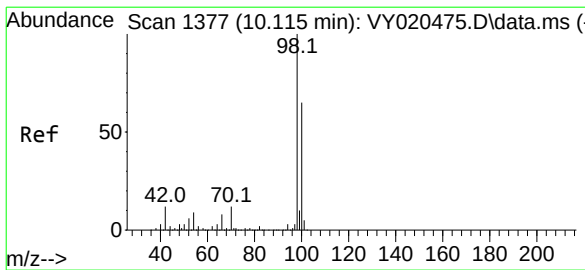
Tgt Ion:	114	Resp:	301085
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.8
88	15.8	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.358 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.012 min
 Lab File: VY020581.D
 Acq: 11 Dec 2024 11:42

Tgt Ion:	113	Resp:	93556
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	19.4	15.1	22.7





#50

Toluene-d8

Concen: 50.214 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020581.D

Acq: 11 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

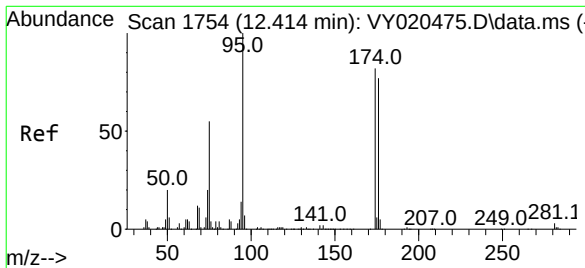
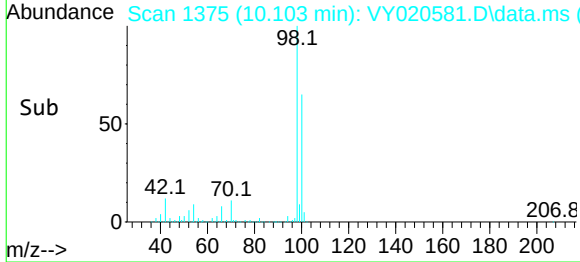
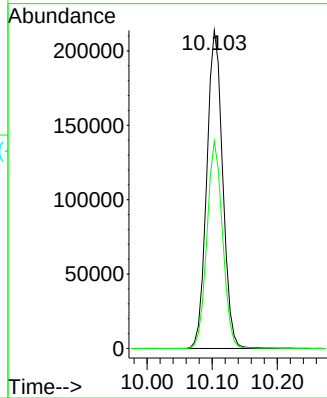
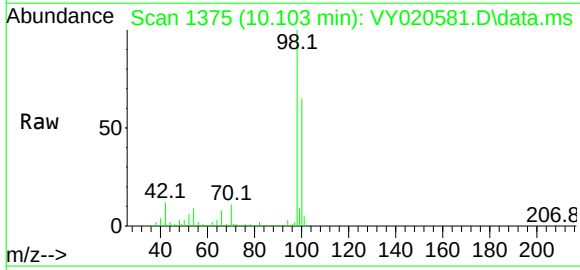
VY1211SBL01

Tgt Ion: 98 Resp: 362426

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 43.167 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.012 min

Lab File: VY020581.D

Acq: 11 Dec 2024 11:42

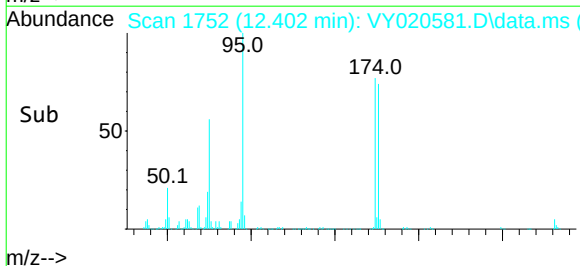
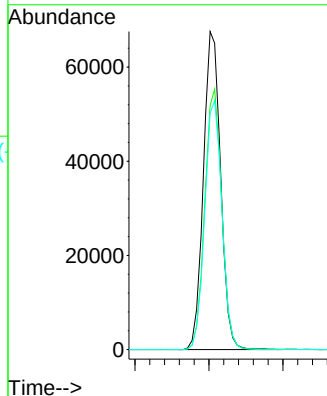
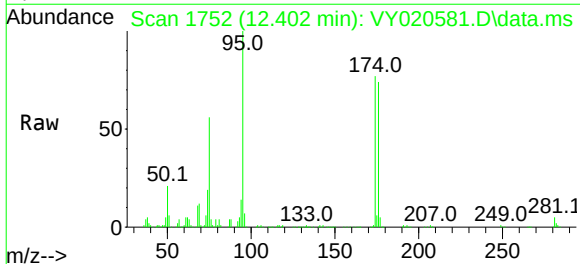
Tgt Ion: 95 Resp: 108968

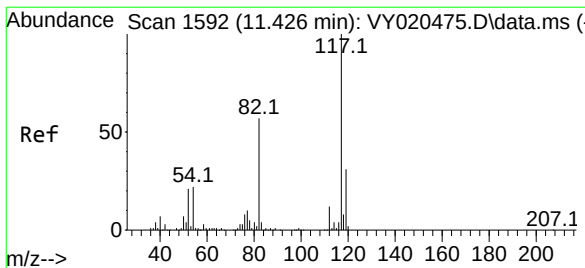
Ion Ratio Lower Upper

95 100

174 81.2 0.0 156.8

176 78.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.012 min

Lab File: VY020581.D

Acq: 11 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBL01

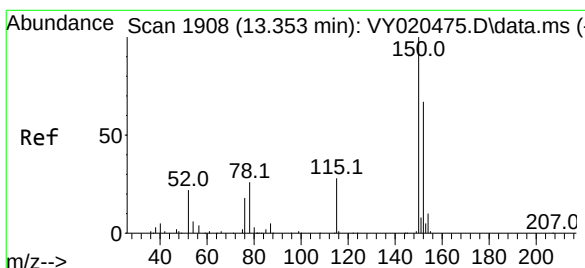
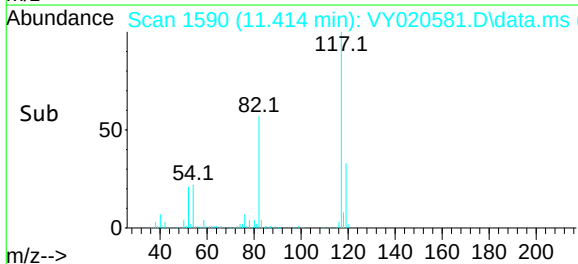
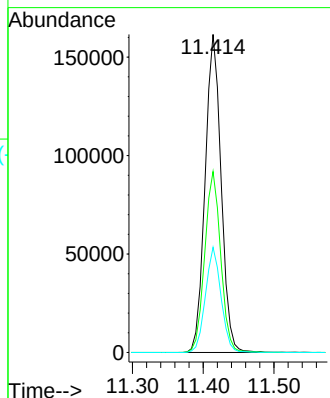
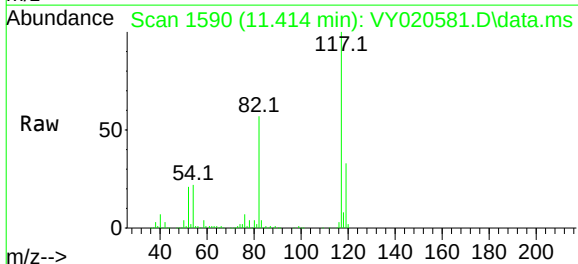
Tgt Ion:117 Resp: 254115

Ion Ratio Lower Upper

117 100

82 56.9 48.2 72.4

119 33.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020581.D

Acq: 11 Dec 2024 11:42

Tgt Ion:152 Resp: 98775

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 159.6 0.0 348.2

