

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020665.D
 Acq On : 20 Dec 2024 11:24
 Operator : SY/MD
 Sample : VY1220SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1220SBL01

Quant Time: Dec 20 18:08:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	159056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	246351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	208495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	109647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	85448	49.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.100%
35) Dibromofluoromethane	7.634	113	88079	50.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.460%
50) Toluene-d8	10.103	98	302895	49.843	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.408	95	105889	44.544	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.080%

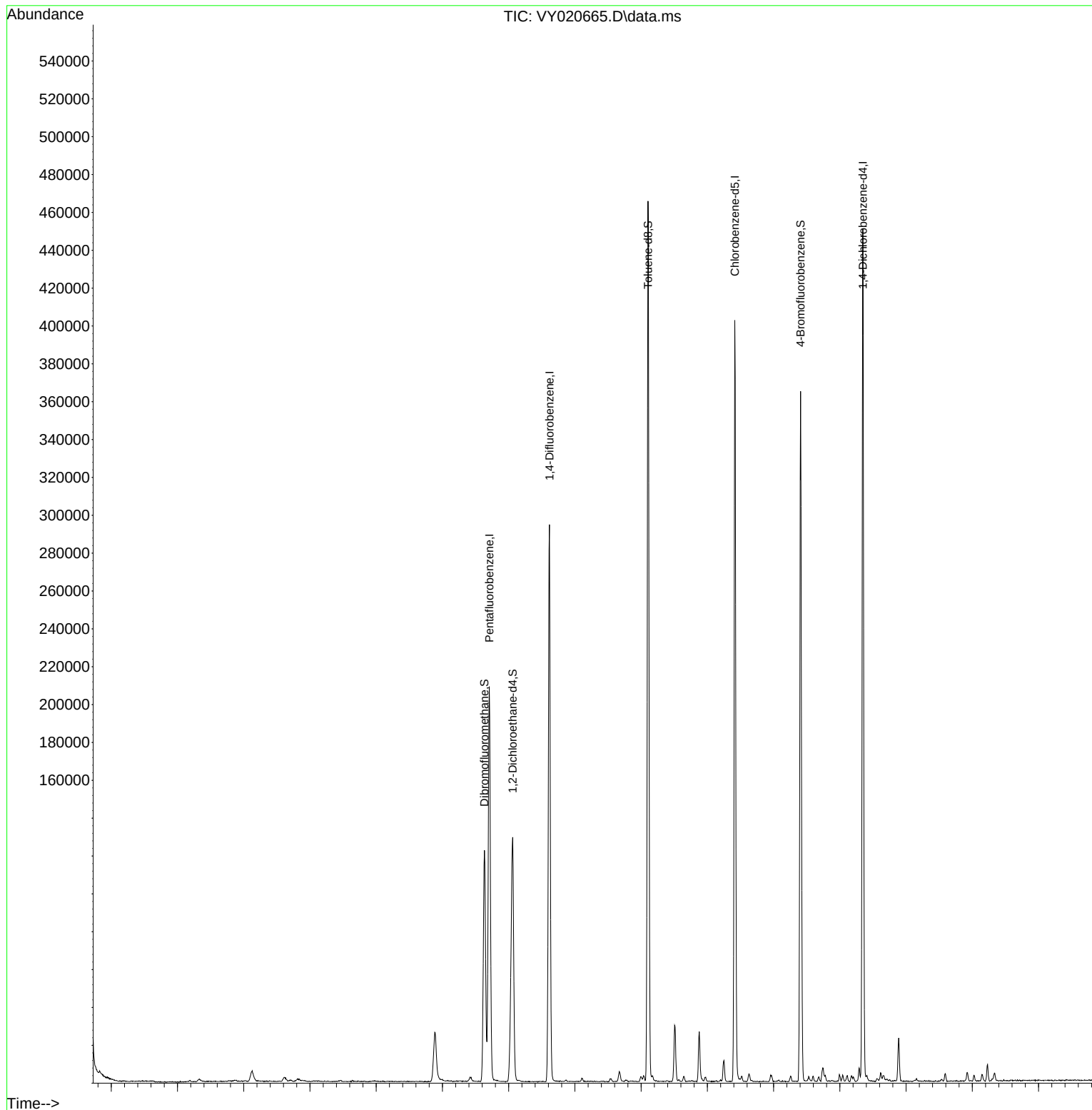
Target Compounds Qvalue

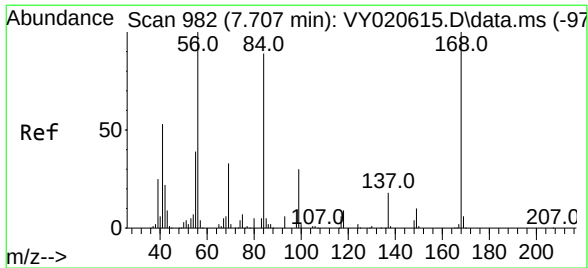
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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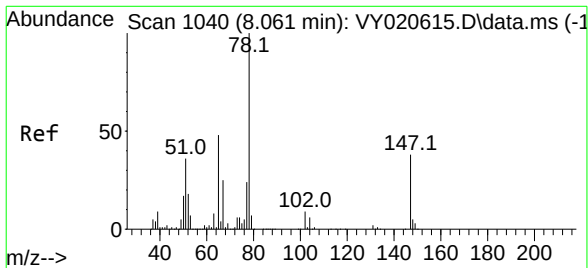
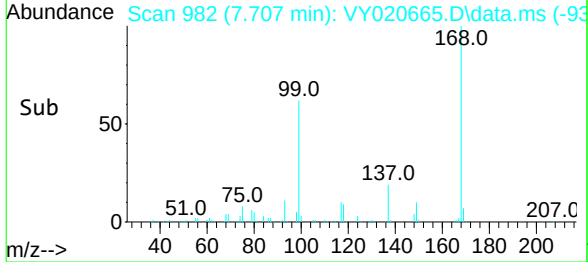
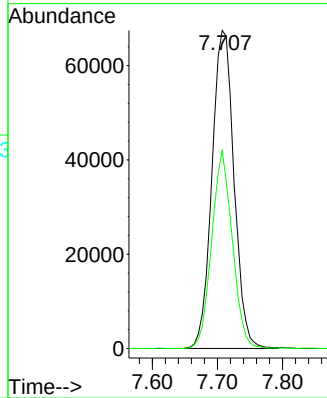
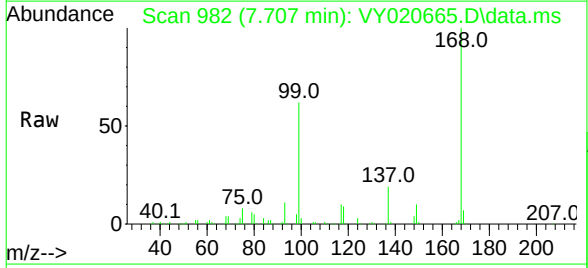




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020665.D
Acq: 20 Dec 2024 11:24

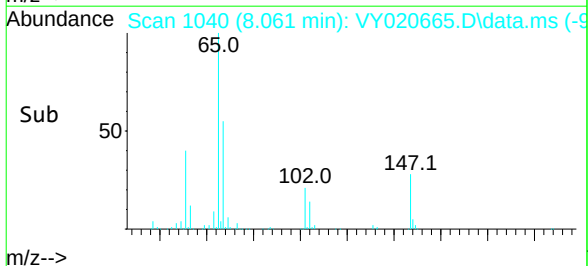
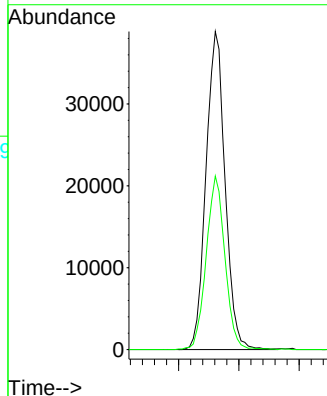
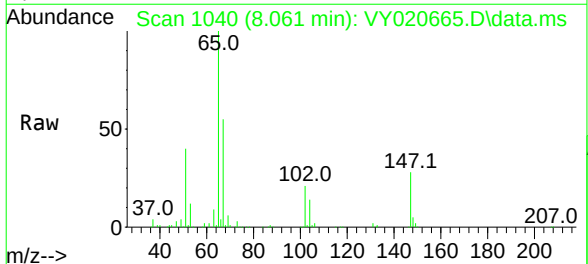
Instrument :
MSVOA_Y
ClientSampleId :
VY1220SBL01

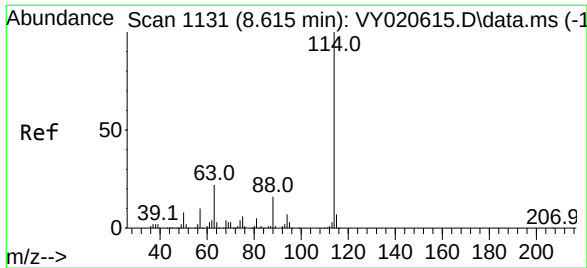
Tgt Ion:168 Resp: 159056
Ion Ratio Lower Upper
168 100
99 62.1 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 49.052 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020665.D
Acq: 20 Dec 2024 11:24

Tgt Ion: 65 Resp: 85448
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020665.D

Acq: 20 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBL01

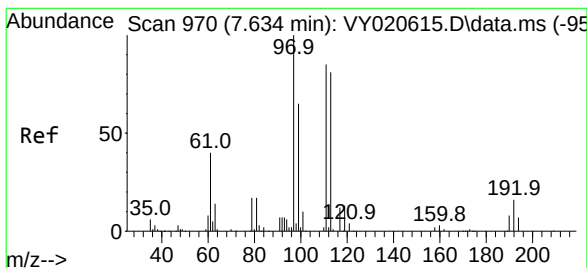
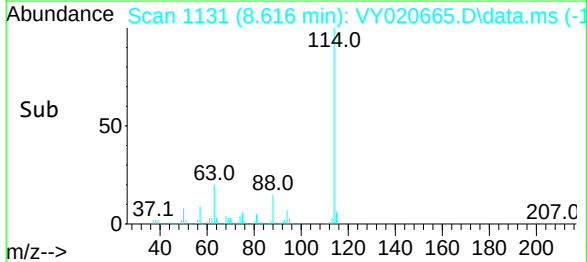
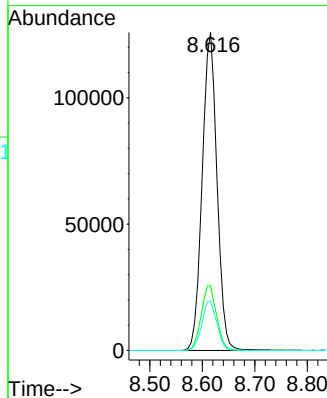
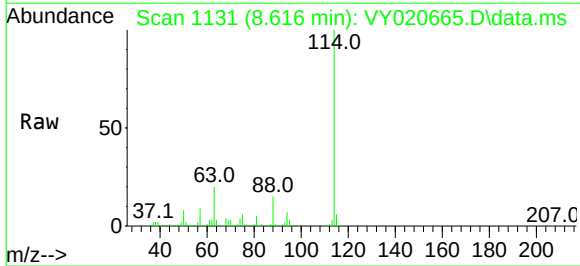
Tgt Ion:114 Resp: 246351

Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.0

88 15.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.730 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020665.D

Acq: 20 Dec 2024 11:24

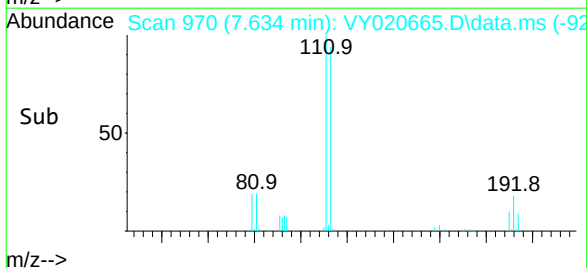
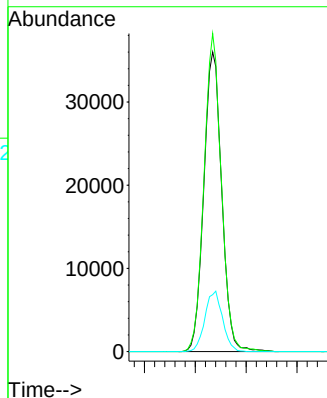
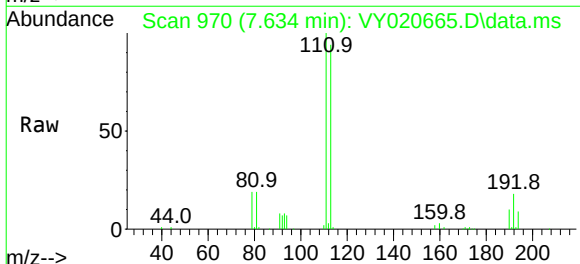
Tgt Ion:113 Resp: 88079

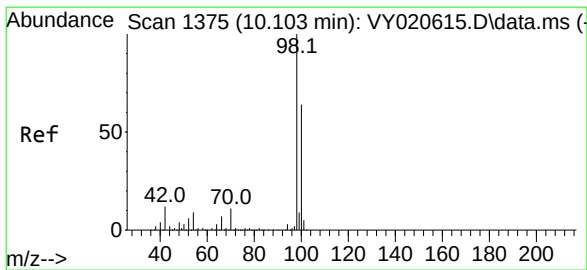
Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 19.9 15.7 23.5





#50

Toluene-d8

Concen: 49.843 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020665.D

Acq: 20 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

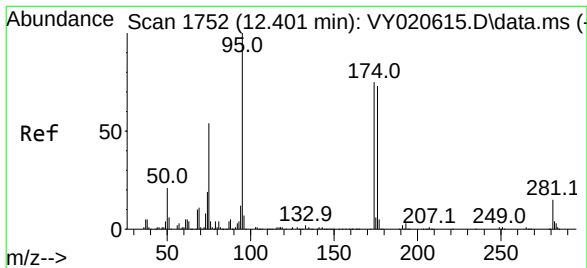
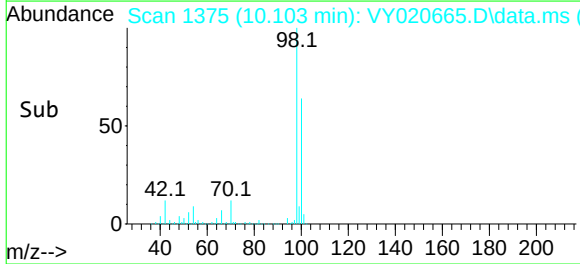
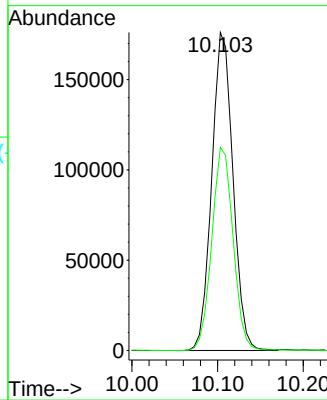
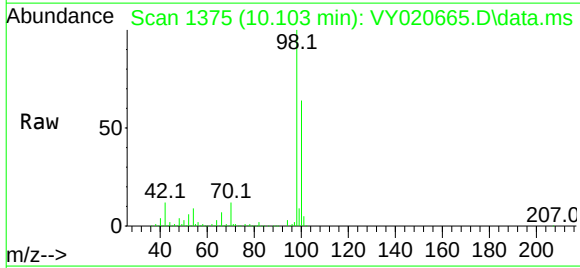
VY1220SBL01

Tgt Ion: 98 Resp: 302895

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.544 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020665.D

Acq: 20 Dec 2024 11:24

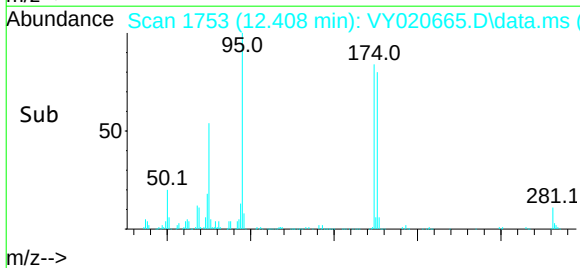
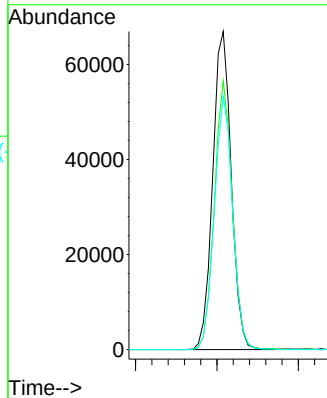
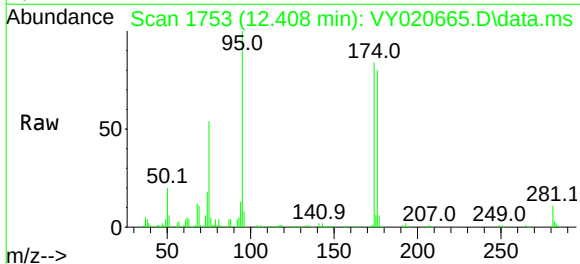
Tgt Ion: 95 Resp: 105889

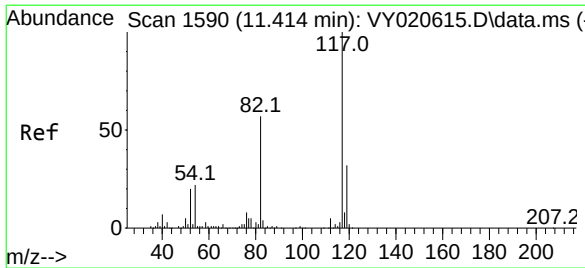
Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.8

176 78.6 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020665.D

Acq: 20 Dec 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1220SBL01

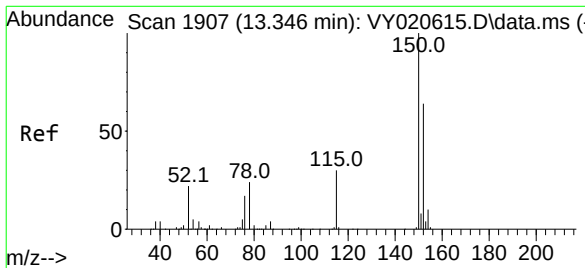
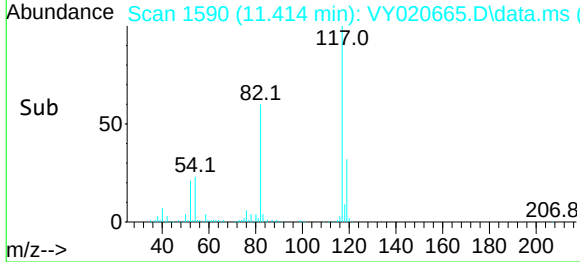
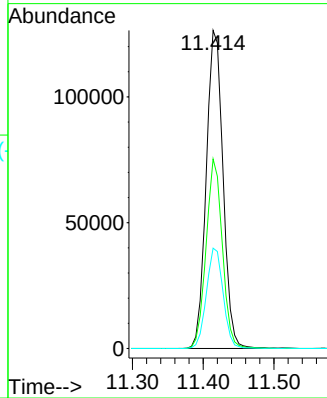
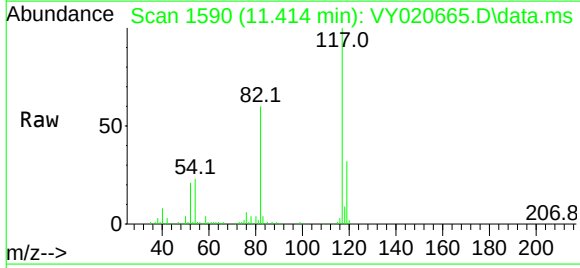
Tgt Ion:117 Resp: 208495

Ion Ratio Lower Upper

117 100

82 59.6 45.8 68.6

119 31.5 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020665.D

Acq: 20 Dec 2024 11:24

Tgt Ion:152 Resp: 109647

Ion Ratio Lower Upper

152 100

115 60.0 30.2 90.6

150 158.3 0.0 355.4

