

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123024\
 Data File : VY020752.D
 Acq On : 30 Dec 2024 13:22
 Operator : SY/MD
 Sample : VY1230SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1230SBL01

Quant Time: Dec 31 00:37:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	133756	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.610	114	216108	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.414	117	185225	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	76871	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	63493	57.954	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.900%
35) Dibromofluoromethane	7.628	113	66165	55.584	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.160%
50) Toluene-d8	10.103	98	252784	53.285	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.560%
62) 4-Bromofluorobenzene	12.402	95	79267	50.108	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	100.220%

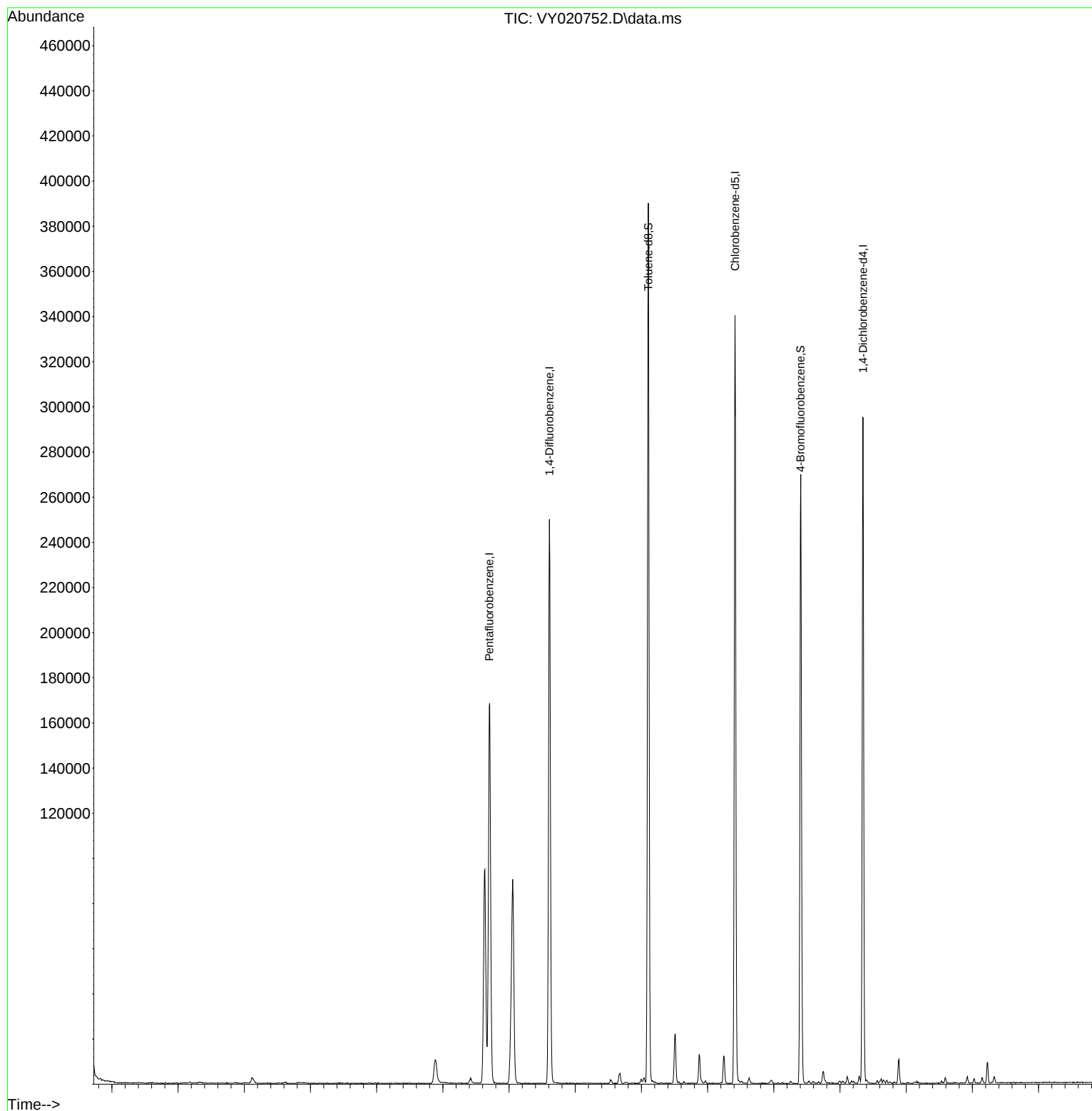
Target Compounds	Qvalue

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

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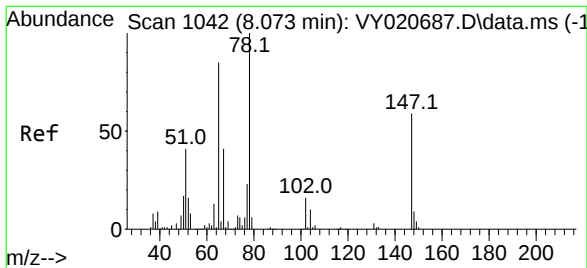
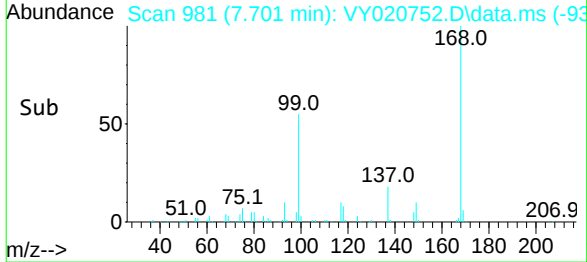
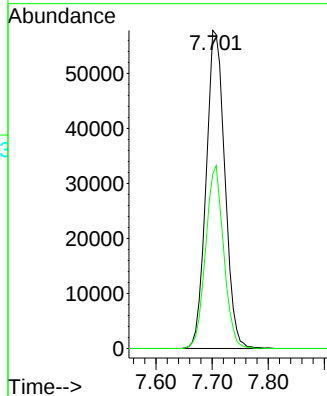
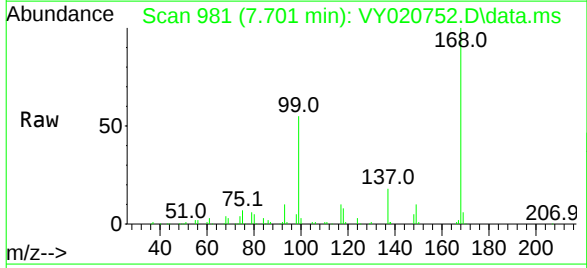




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 98
Delta R.T. -0.024 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

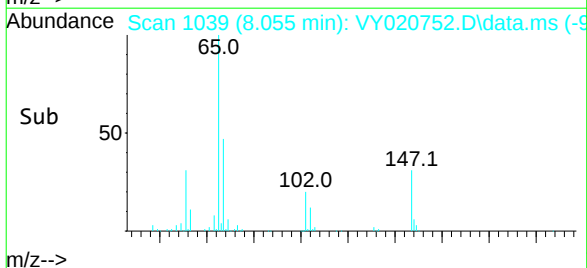
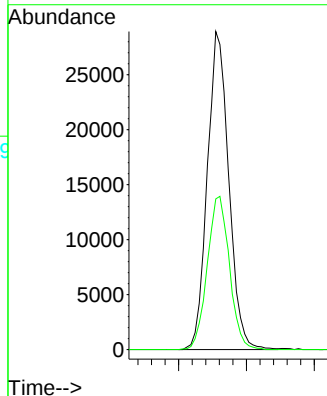
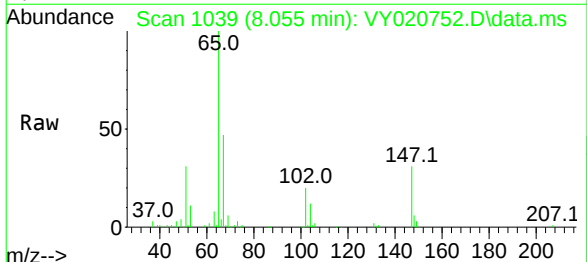
Instrument :
MSVOA_Y
ClientSampleId :
VY1230SBL01

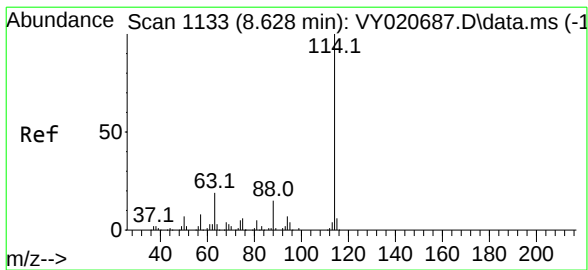
Tgt Ion:168 Resp: 133756
Ion Ratio Lower Upper
168 100
99 54.8 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 57.954 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.018 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

Tgt Ion: 65 Resp: 63493
Ion Ratio Lower Upper
65 100
67 49.8 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY020752.D

Acq: 30 Dec 2024 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBL01

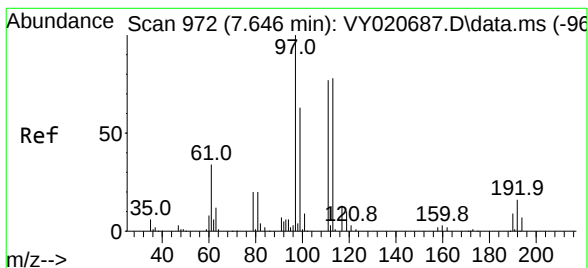
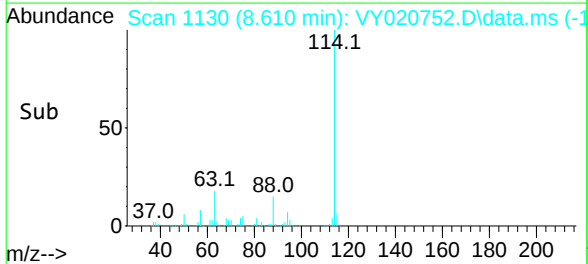
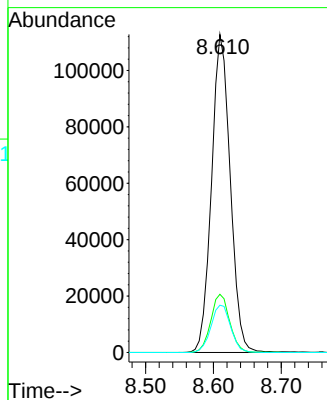
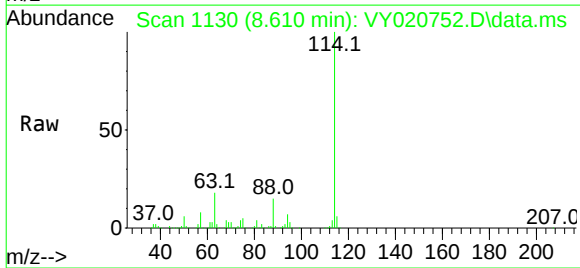
Tgt Ion:114 Resp: 216108

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 14.9 0.0 30.4



#35

Dibromofluoromethane

Concen: 55.584 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.018 min

Lab File: VY020752.D

Acq: 30 Dec 2024 13:22

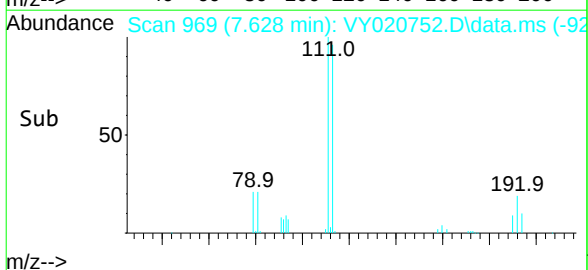
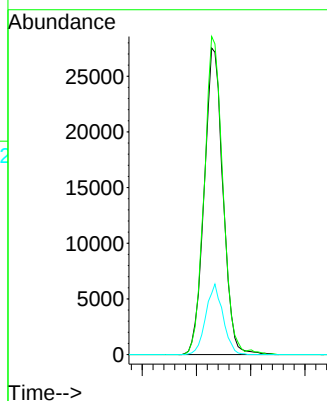
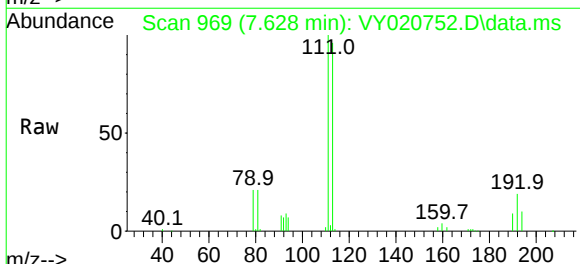
Tgt Ion:113 Resp: 66165

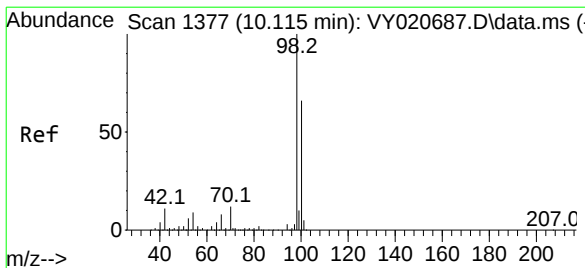
Ion Ratio Lower Upper

113 100

111 103.0 79.8 119.8

192 21.1 17.0 25.6





#50

Toluene-d8

Concen: 53.285 ug/l

RT: 10.103 min Scan# 13

Delta R.T. -0.012 min

Lab File: VY020752.D

Acq: 30 Dec 2024 13:22

Instrument :

MSVOA_Y

ClientSampleId :

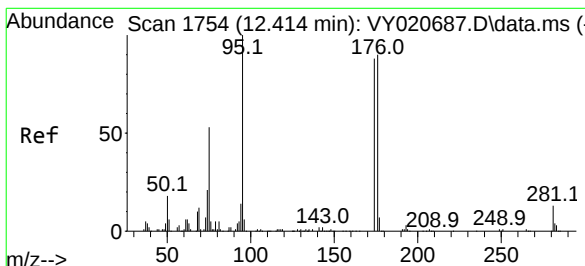
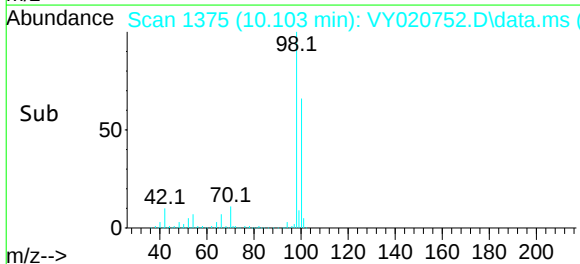
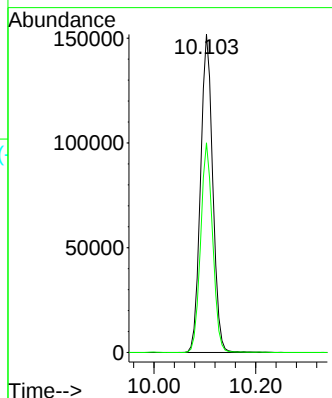
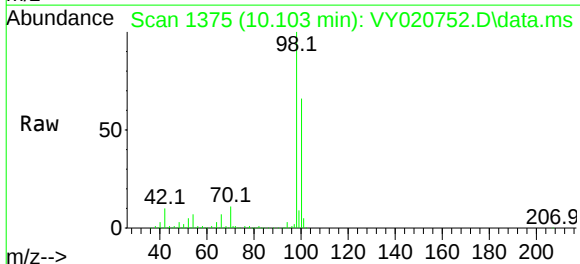
VY1230SBL01

Tgt Ion: 98 Resp: 252784

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 50.108 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.012 min

Lab File: VY020752.D

Acq: 30 Dec 2024 13:22

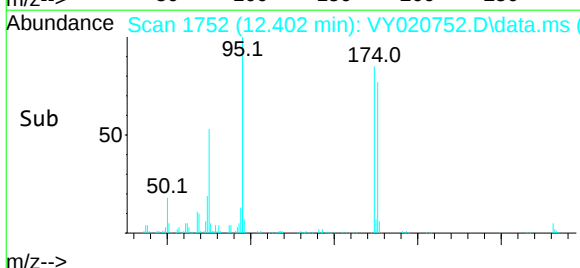
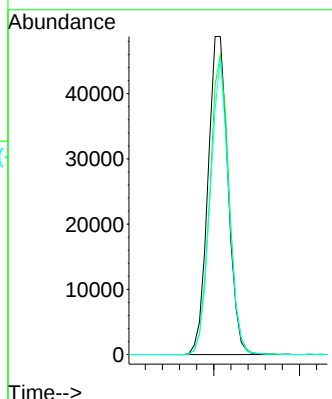
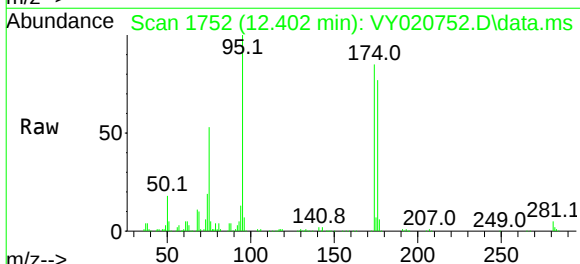
Tgt Ion: 95 Resp: 79267

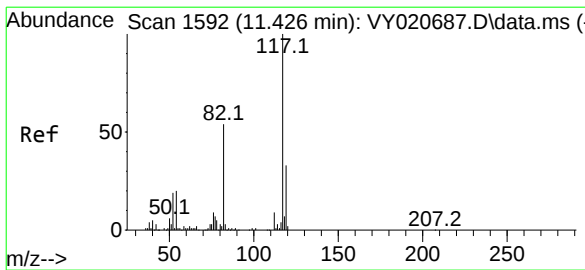
Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.2

176 85.6 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.012 min

Lab File: VY020752.D

Acq: 30 Dec 2024 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1230SBL01

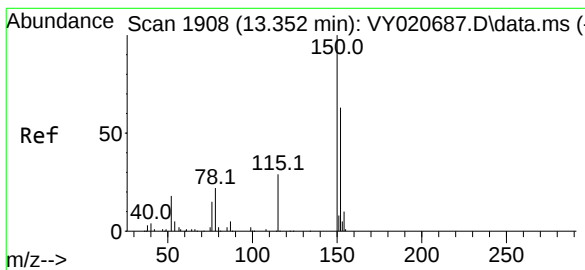
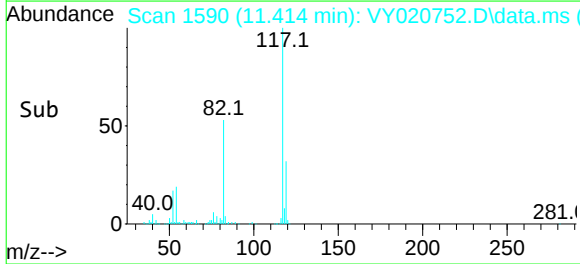
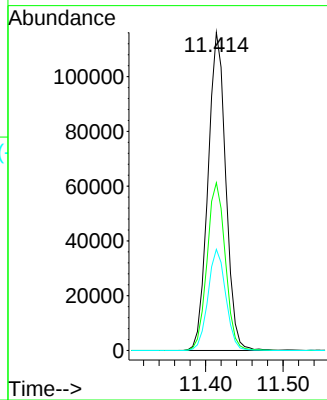
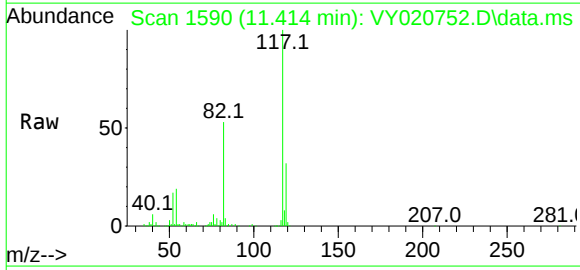
Tgt Ion:117 Resp: 185225

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.2

119 31.8 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020752.D

Acq: 30 Dec 2024 13:22

Tgt Ion:152 Resp: 76871

Ion Ratio Lower Upper

152 100

115 58.7 30.3 90.9

150 156.7 0.0 349.0

