

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012966.D
 Acq On : 16 Mar 2023 13:19
 Operator : KP/MD
 Sample : 01924-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT27051

Quant Time: Mar 17 01:34:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	85548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	146341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	141309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69258	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53052	62.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.920%
35) Dibromofluoromethane	7.722	113	37479	42.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.880%
50) Toluene-d8	10.179	98	180781	55.992	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.980%
62) 4-Bromofluorobenzene	12.483	95	61390	56.334	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.660%

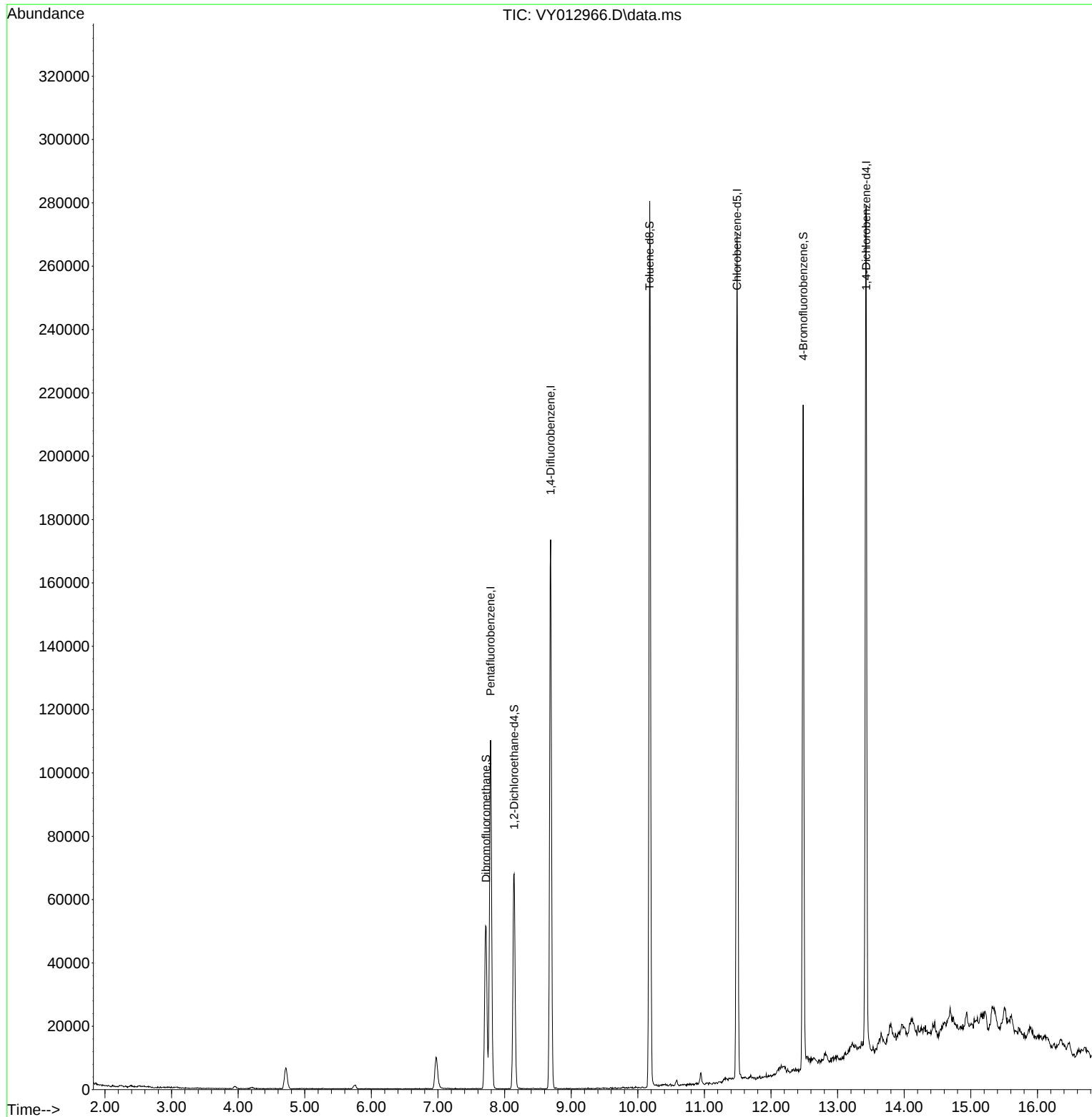
Target Compounds	Qvalue

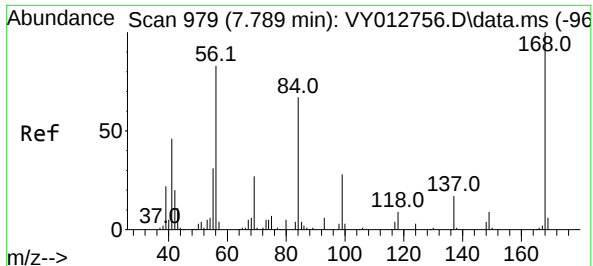
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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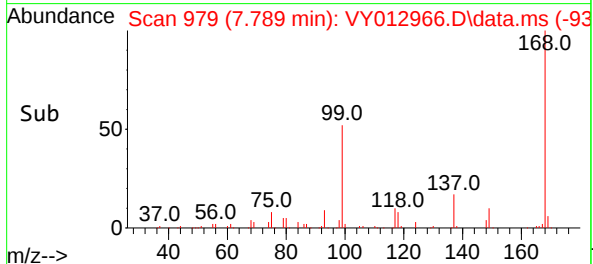
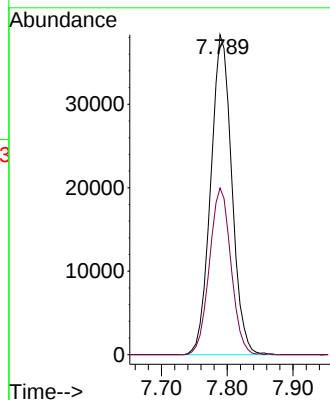
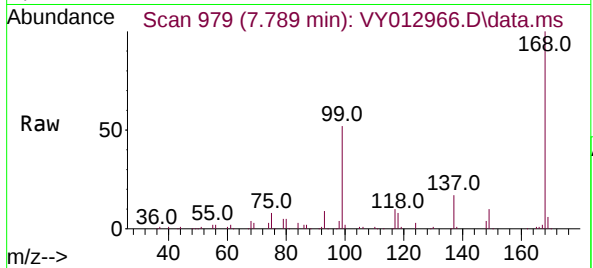




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012966.D
Acq: 16 Mar 2023 13:19

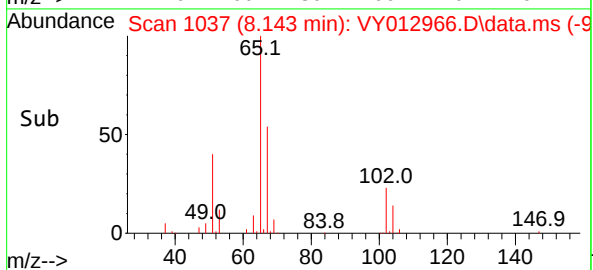
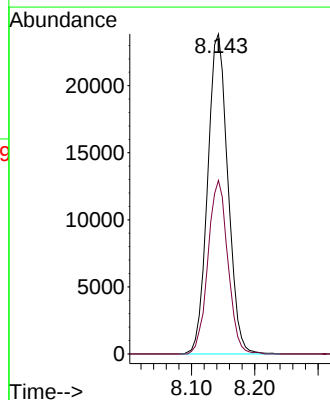
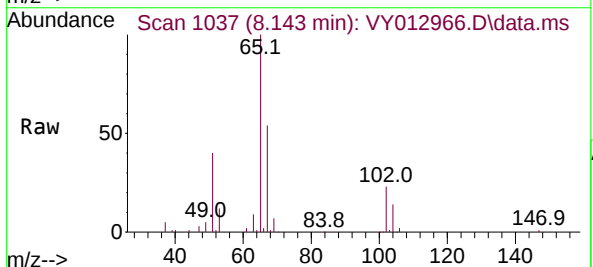
Instrument :
MSVOA_Y
ClientSampleId :
CHRT27051

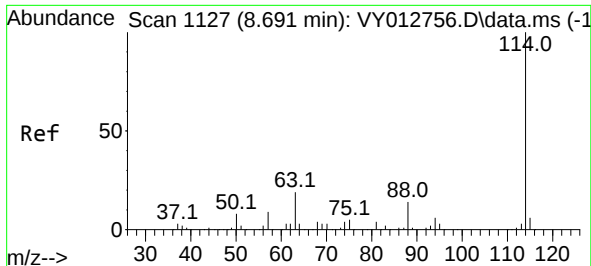
Tgt Ion:168 Resp: 85548
Ion Ratio Lower Upper
168 100
99 52.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 62.460 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012966.D
Acq: 16 Mar 2023 13:19

Tgt Ion: 65 Resp: 53052
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012966.D

Acq: 16 Mar 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

CHRT27051

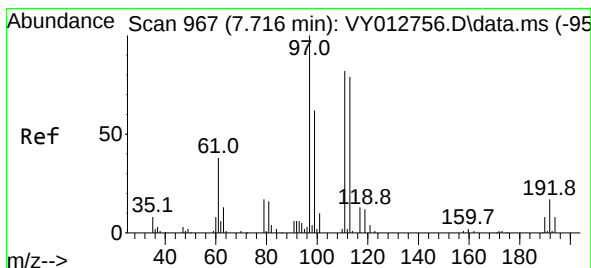
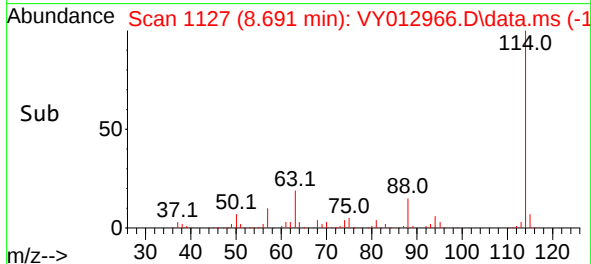
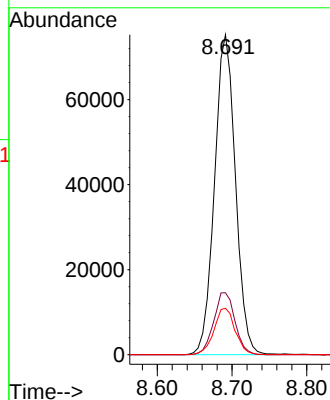
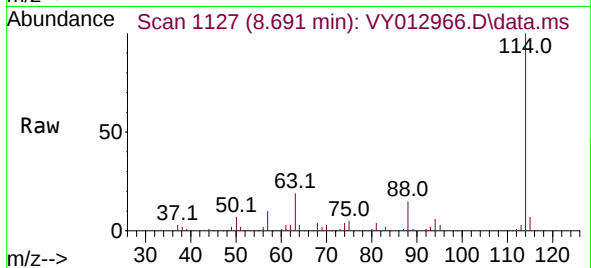
Tgt Ion:114 Resp: 146341

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 42.437 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012966.D

Acq: 16 Mar 2023 13:19

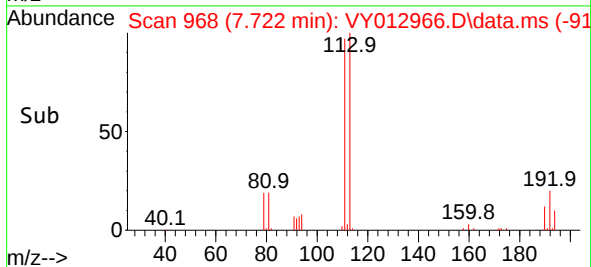
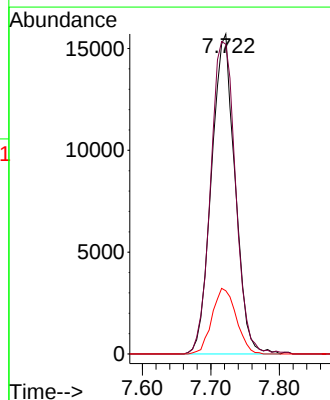
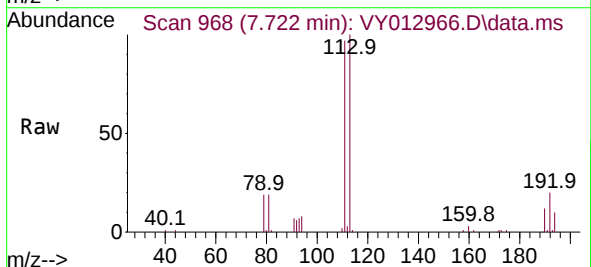
Tgt Ion:113 Resp: 37479

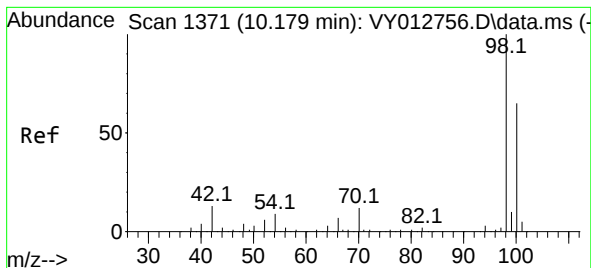
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

192 21.1 16.8 25.2





#50

Toluene-d8

Concen: 55.992 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012966.D

Acq: 16 Mar 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

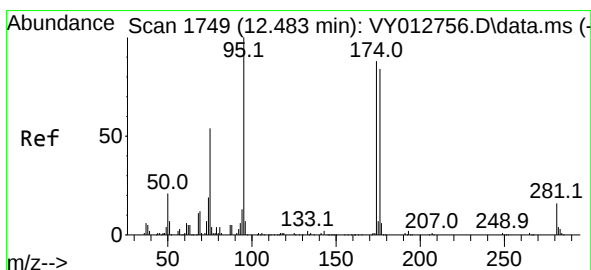
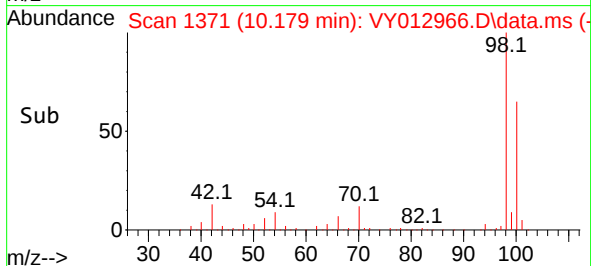
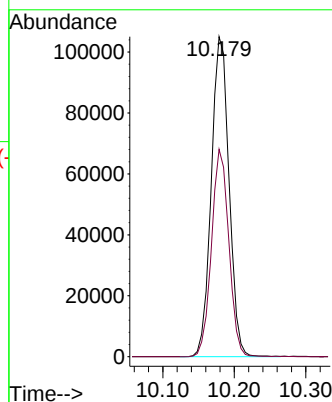
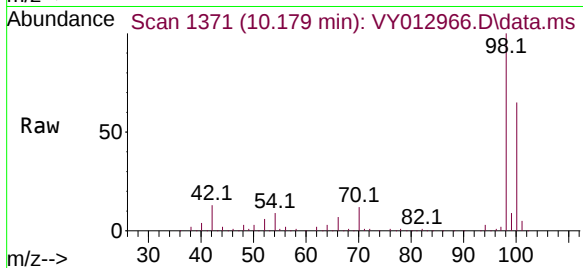
CHRT27051

Tgt Ion: 98 Resp: 180781

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 56.334 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012966.D

Acq: 16 Mar 2023 13:19

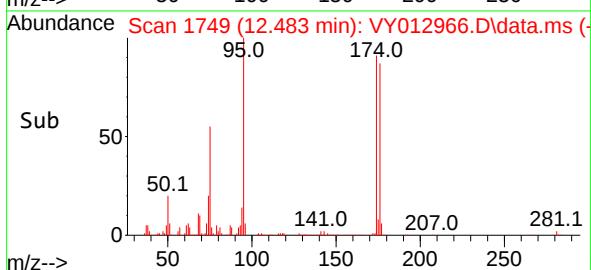
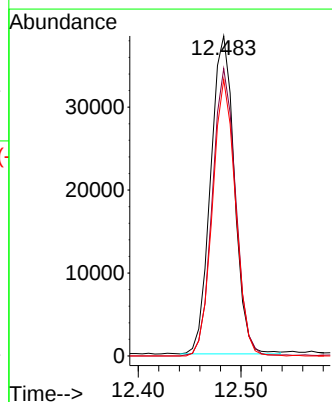
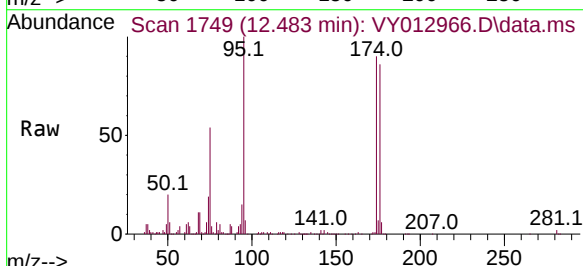
Tgt Ion: 95 Resp: 61390

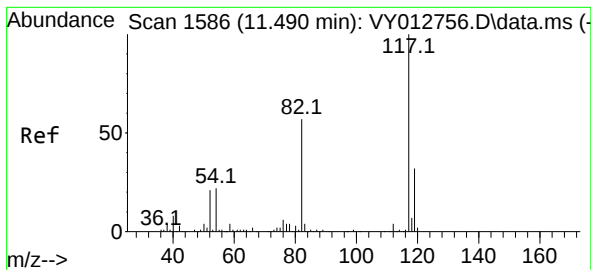
Ion Ratio Lower Upper

95 100

174 88.7 0.0 176.6

176 84.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012966.D

Acq: 16 Mar 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

CHRT27051

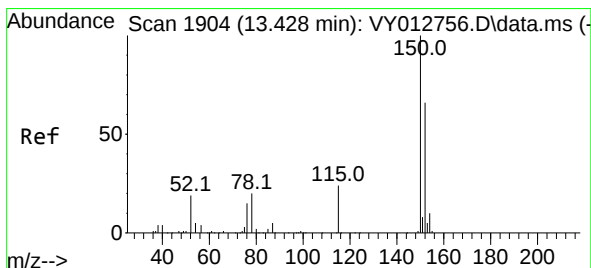
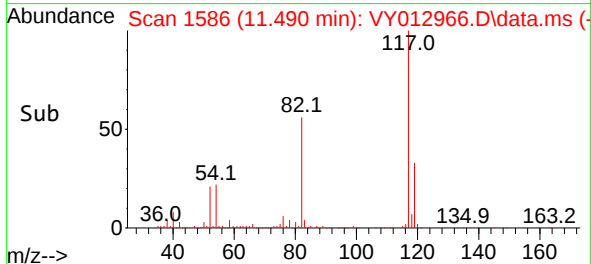
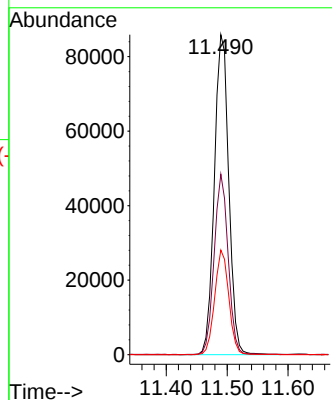
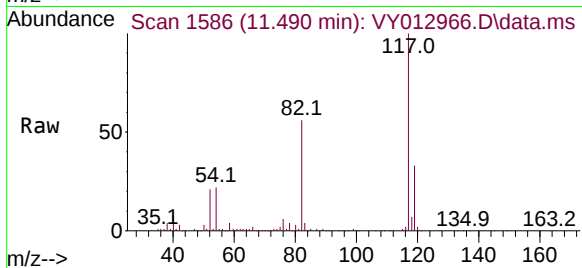
Tgt Ion:117 Resp: 141309

Ion Ratio Lower Upper

117 100

82 56.4 45.4 68.0

119 32.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012966.D

Acq: 16 Mar 2023 13:19

Tgt Ion:152 Resp: 69258

Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.3

150 153.9 0.0 347.8

