

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012250.D
 Acq On : 18 Jan 2023 16:50
 Operator : KP/MD
 Sample : 01184-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-SOUTH

Quant Time: Jan 19 00:36:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	241838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	409788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	390886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	178265	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132903	67.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.380%
35) Dibromofluoromethane	7.716	113	124516	57.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.780%
50) Toluene-d8	10.179	98	484891	65.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.740%
62) 4-Bromofluorobenzene	12.477	95	164406	53.749	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.500%

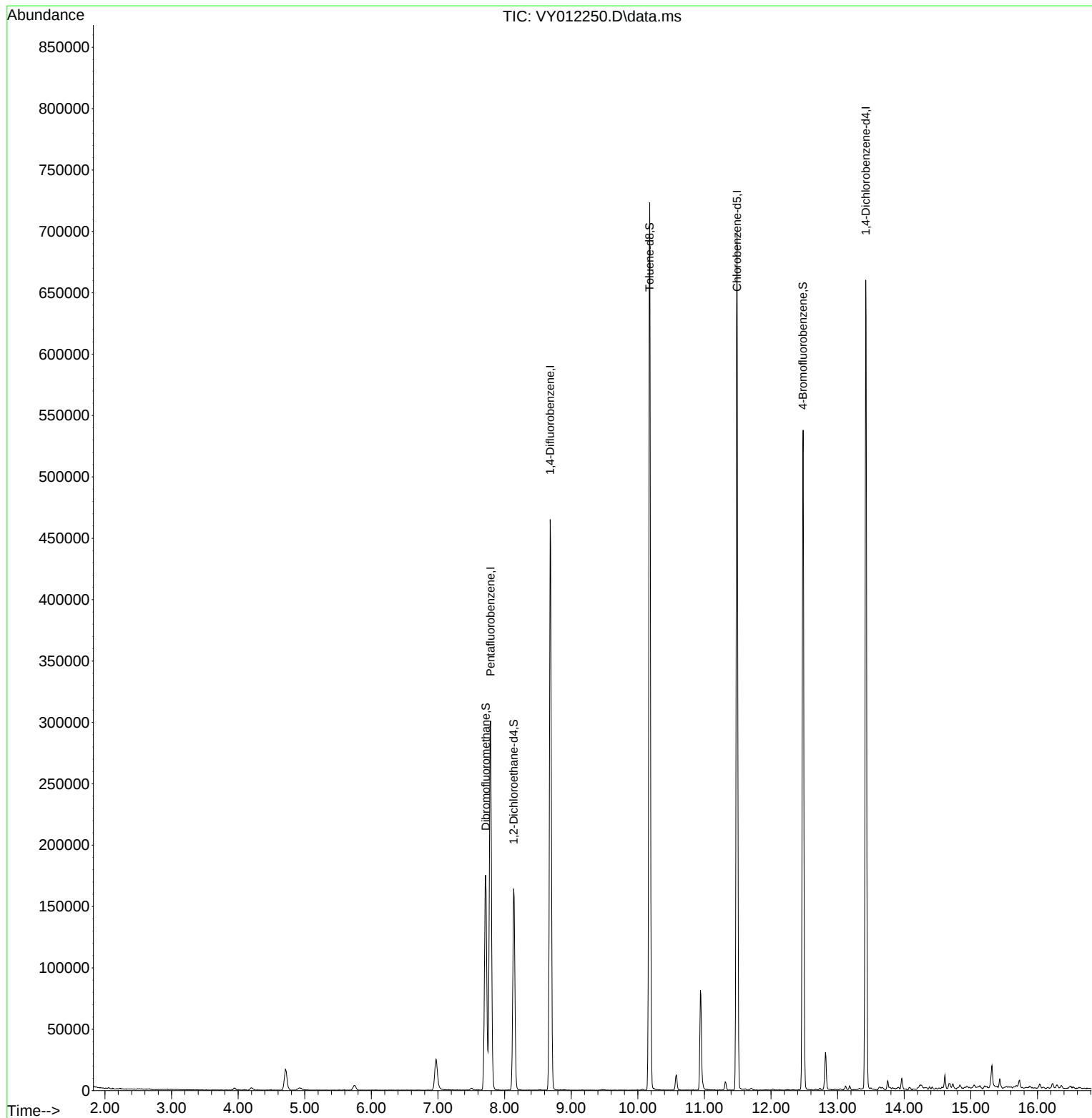
Target Compounds	Qvalue

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

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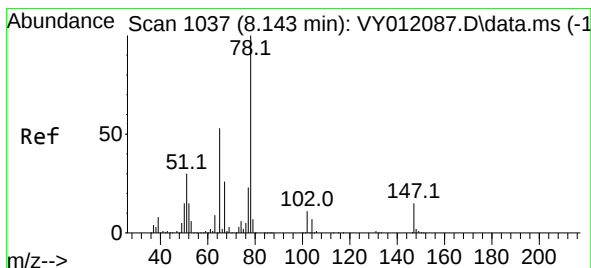
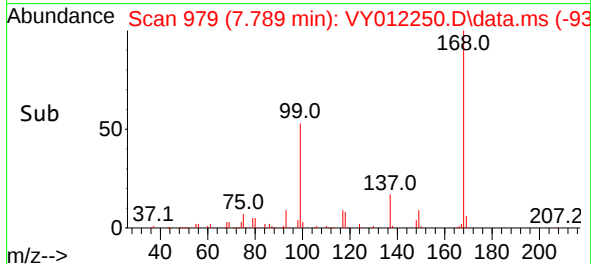
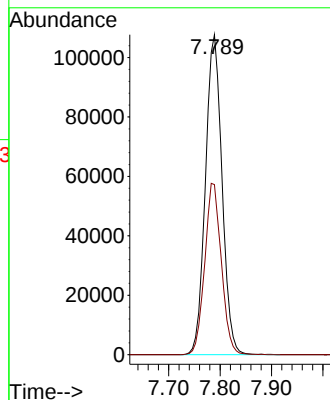
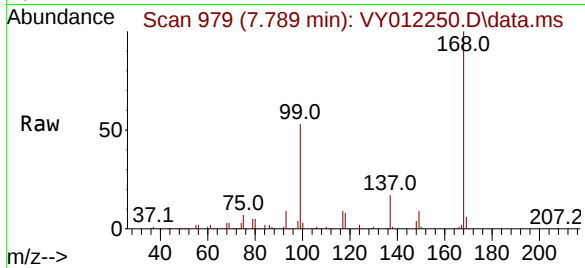




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

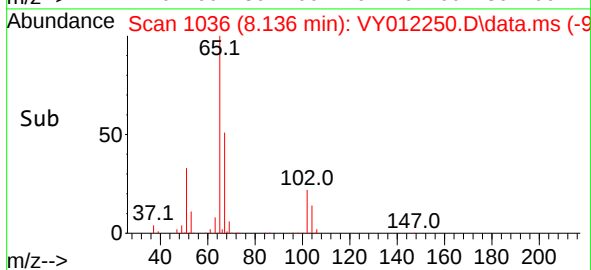
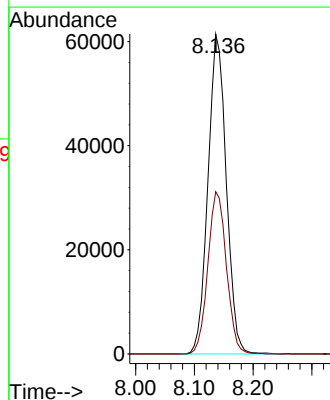
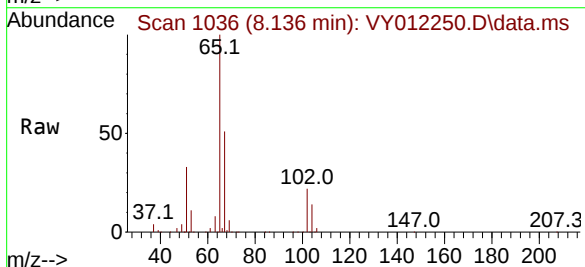
Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

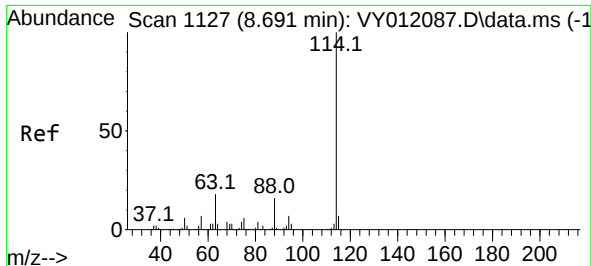
Tgt Ion:168 Resp: 241838
Ion Ratio Lower Upper
168 100
99 53.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 67.692 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

Tgt Ion: 65 Resp: 132903
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012250.D

Acq: 18 Jan 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

APNB-SOUTH

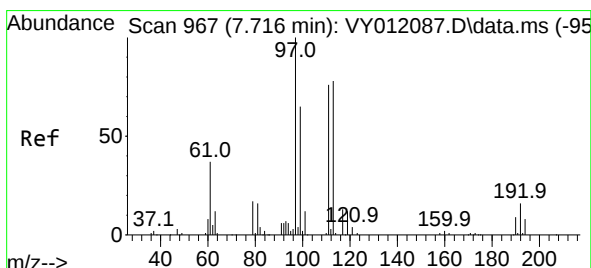
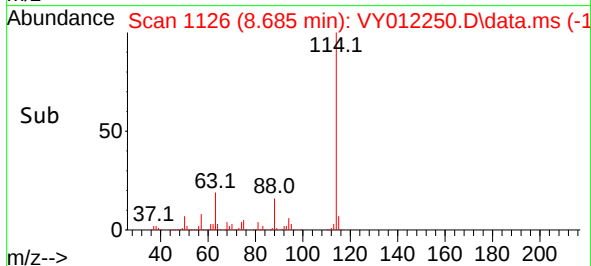
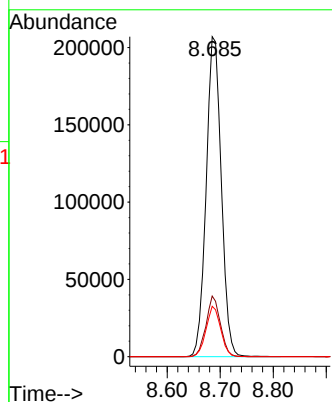
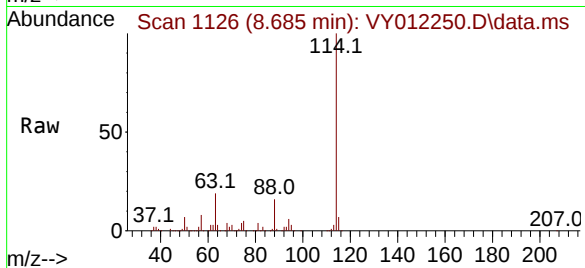
Tgt Ion:114 Resp: 409788

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 57.385 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012250.D

Acq: 18 Jan 2023 16:50

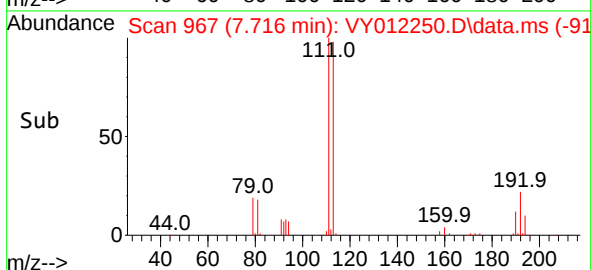
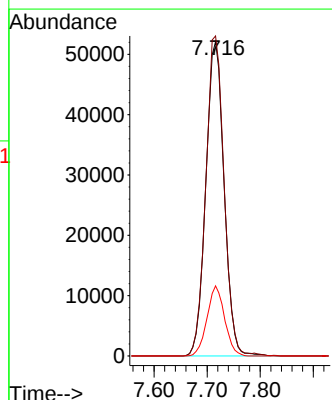
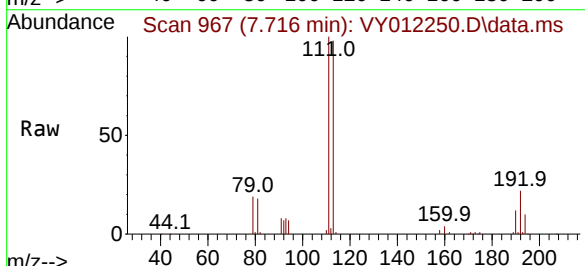
Tgt Ion:113 Resp: 124516

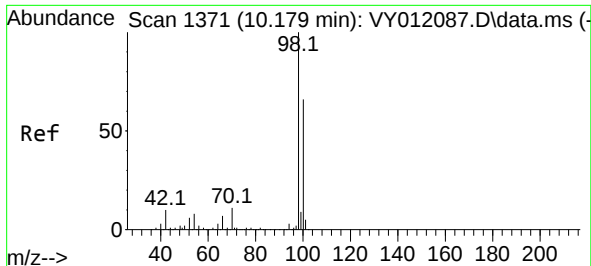
Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

192 21.5 16.0 24.0

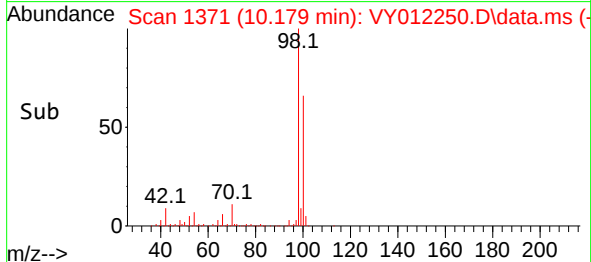
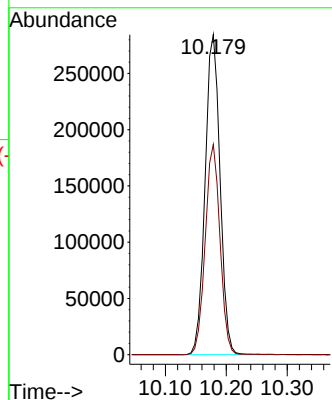
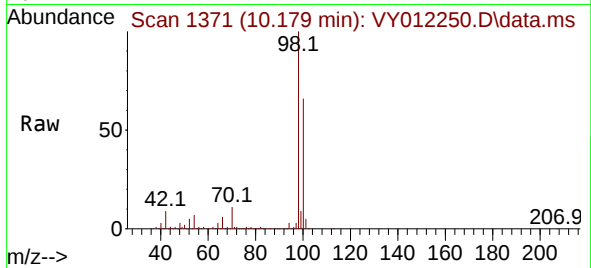




#50
Toluene-d8
Concen: 65.872 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

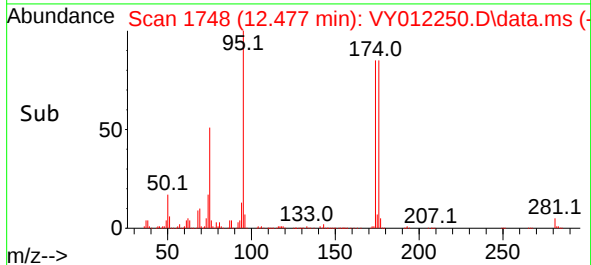
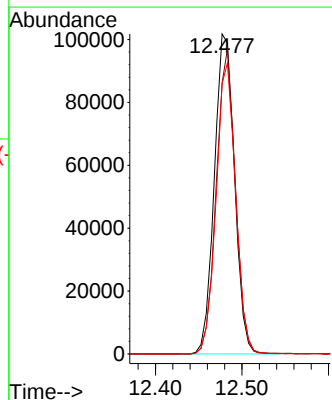
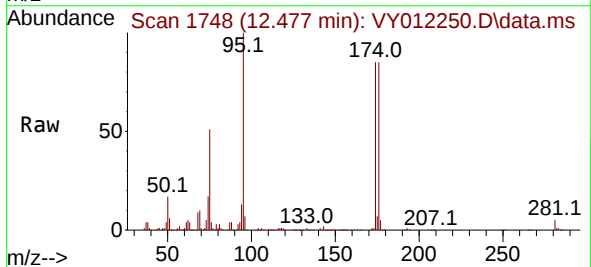
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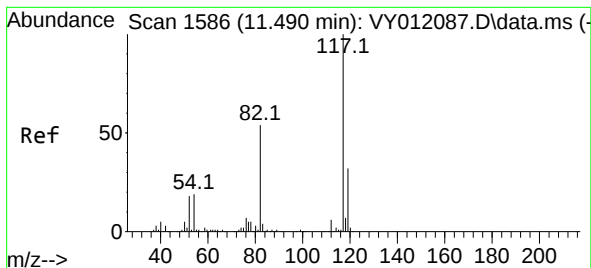
Tgt Ion: 98 Resp: 484891
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.749 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

Tgt Ion: 95 Resp: 164406
Ion Ratio Lower Upper
95 100
174 90.6 0.0 172.0
176 87.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012250.D

Acq: 18 Jan 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

APNB-SOUTH

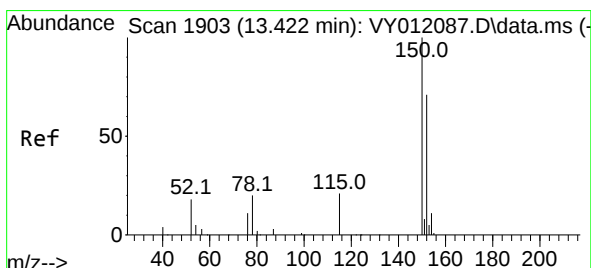
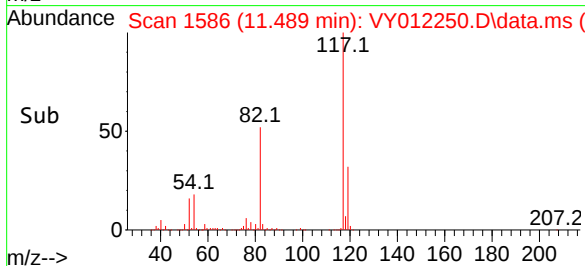
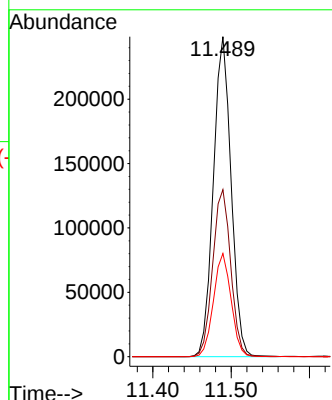
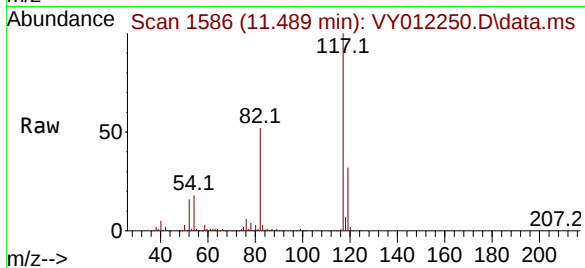
Tgt Ion:117 Resp: 390886

Ion Ratio Lower Upper

117 100

82 52.2 44.8 67.2

119 32.3 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY012250.D

Acq: 18 Jan 2023 16:50

Tgt Ion:152 Resp: 178265

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.3

150 157.7 0.0 342.6

