

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015684.D
 Acq On : 22 Sep 2023 14:28
 Operator : SY/MD
 Sample : 04474-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 H-2313-SOIL

Quant Time: Sep 22 14:45:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	113848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	171521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71367	56.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.940%
35) Dibromofluoromethane	7.716	113	62787	53.958	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.920%
50) Toluene-d8	10.179	98	226562	57.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.840%
62) 4-Bromofluorobenzene	12.483	95	67786	43.780	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.560%

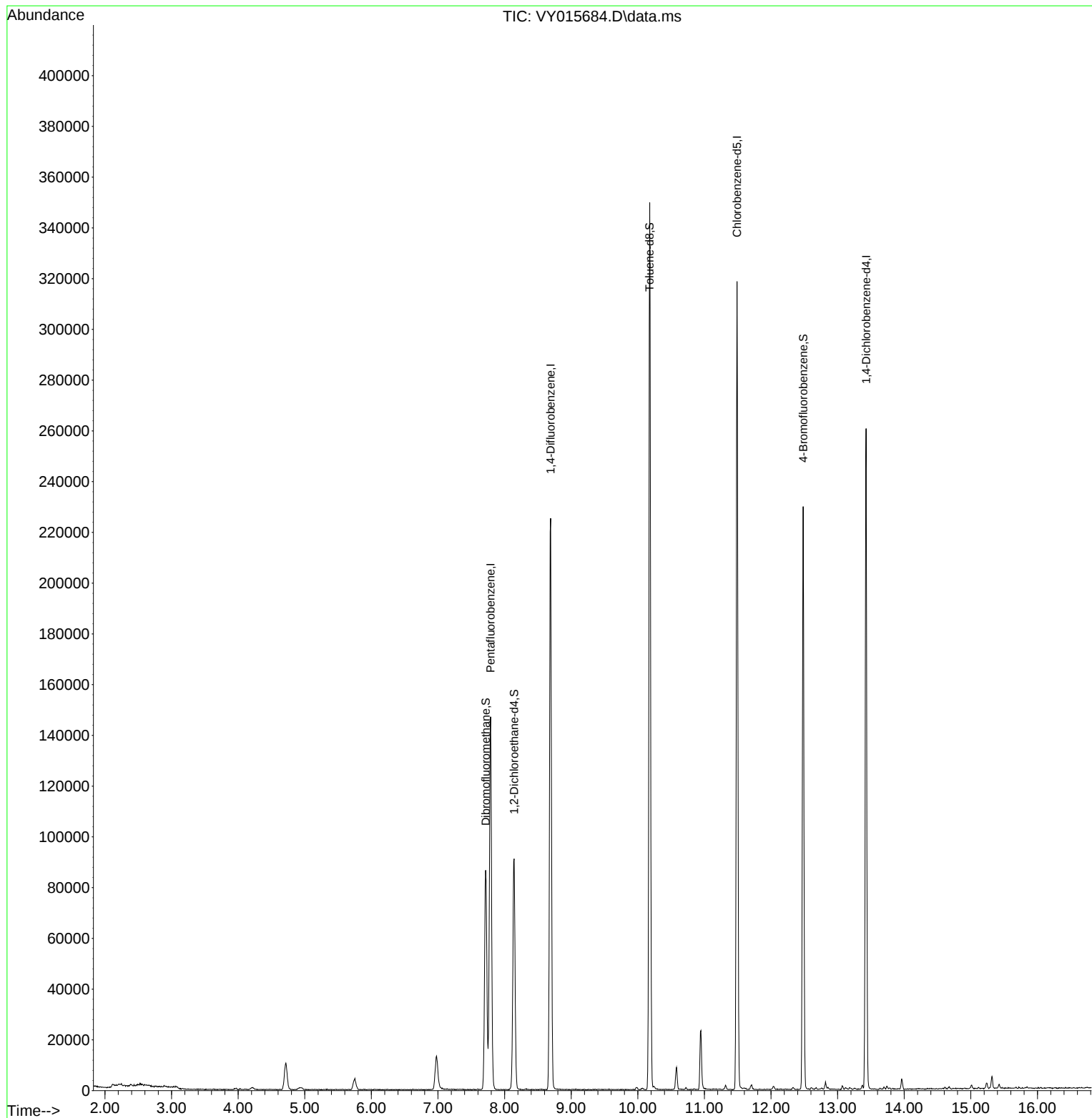
Target Compounds	Qvalue

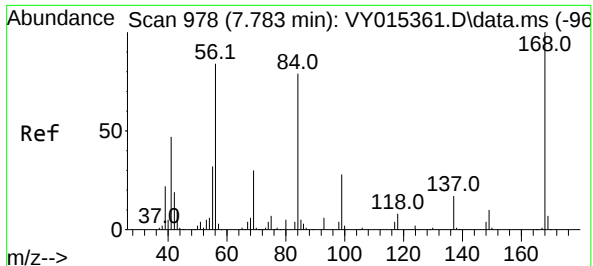
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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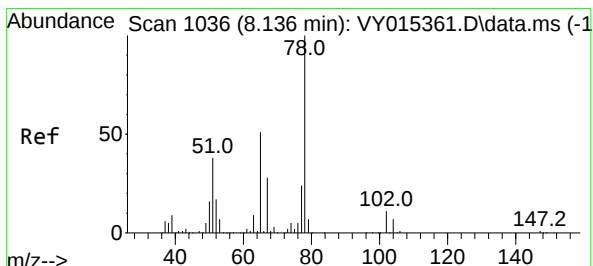
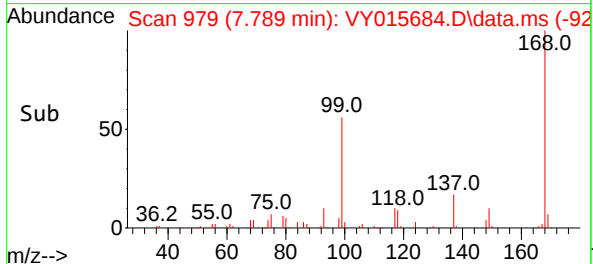
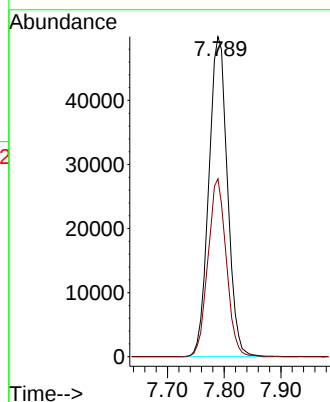
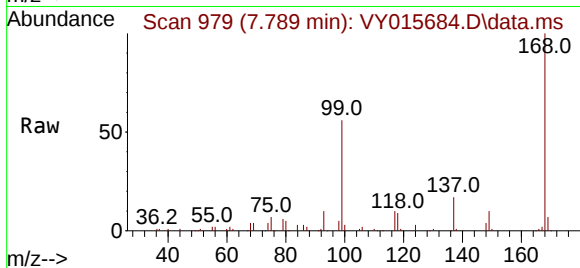




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015684.D
Acq: 22 Sep 2023 14:28

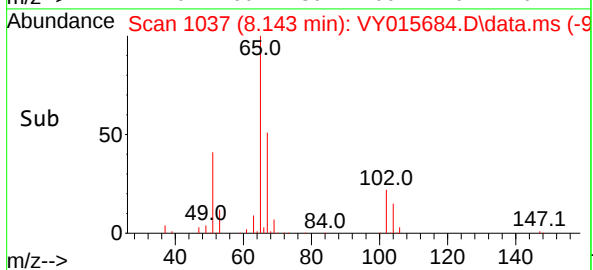
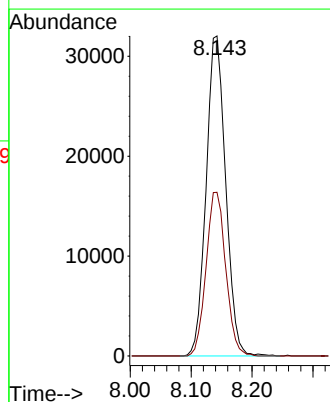
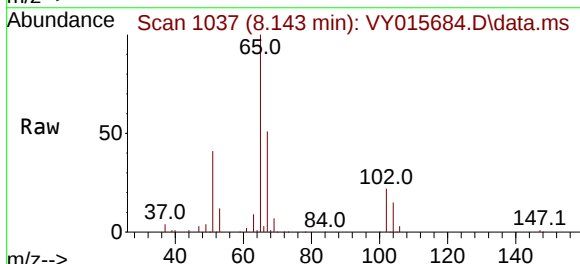
Instrument :
MSVOA_Y
ClientSampleId :
H-2313-SOIL

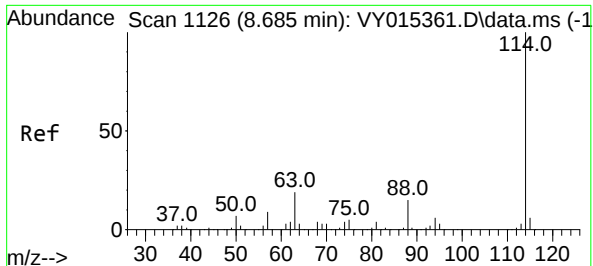
Tgt Ion:168 Resp: 113848
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.973 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015684.D
Acq: 22 Sep 2023 14:28

Tgt Ion: 65 Resp: 71367
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015684.D

Acq: 22 Sep 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

H-2313-SOIL

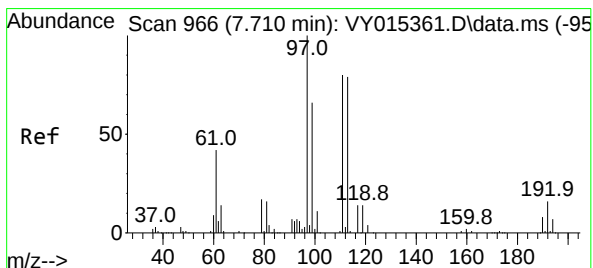
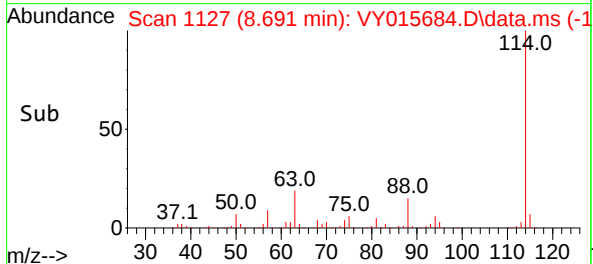
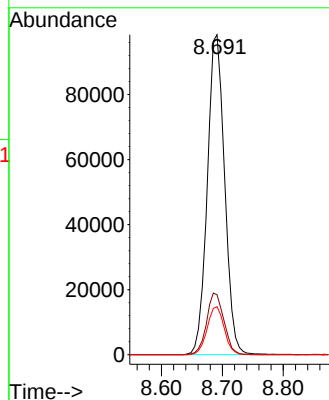
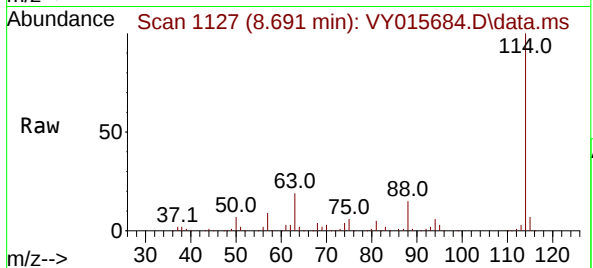
Tgt Ion:114 Resp: 194412

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.958 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015684.D

Acq: 22 Sep 2023 14:28

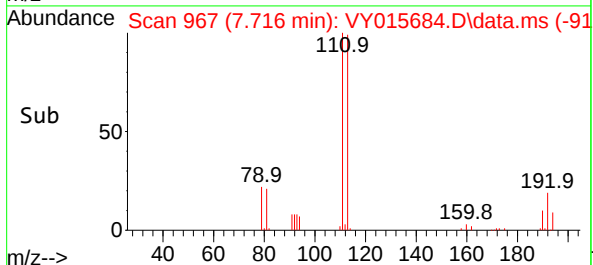
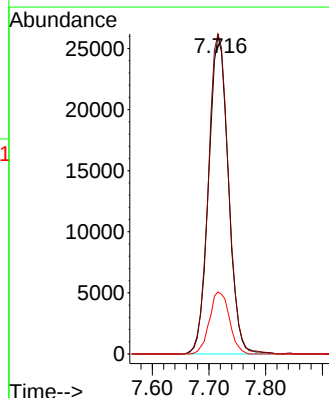
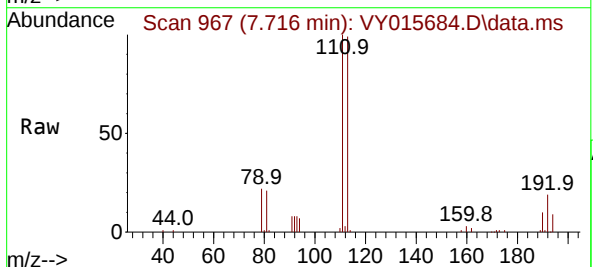
Tgt Ion:113 Resp: 62787

Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.7 16.9 25.3

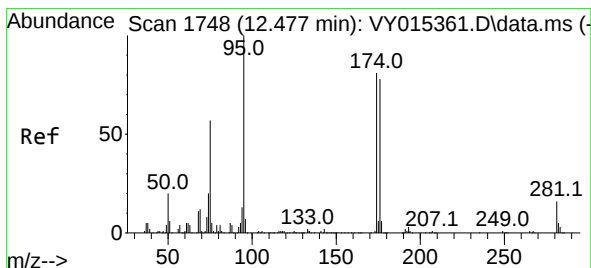
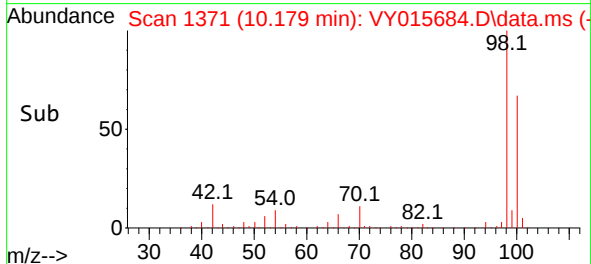
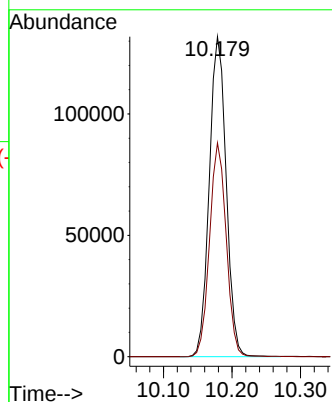
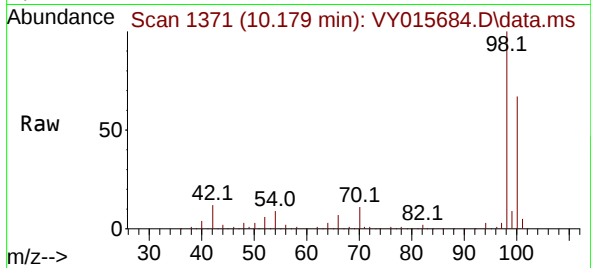




#50
Toluene-d8
Concen: 57.424 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015684.D
Acq: 22 Sep 2023 14:28

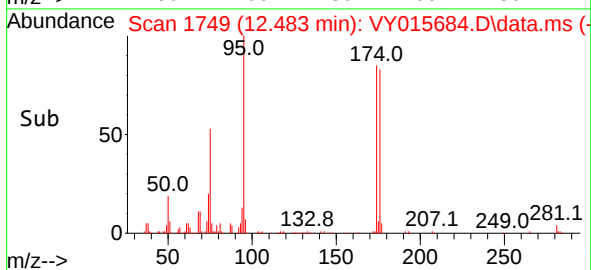
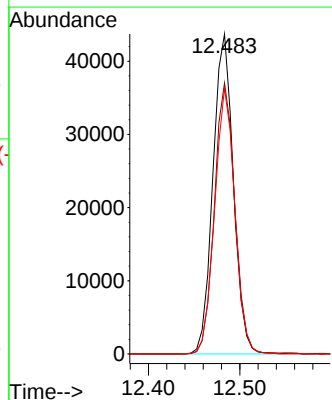
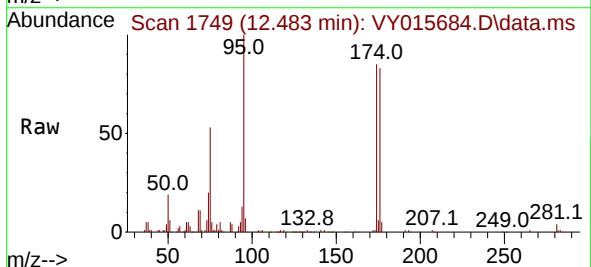
Instrument :
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Tgt Ion: 98 Resp: 226562
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.780 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015684.D
Acq: 22 Sep 2023 14:28

Tgt Ion: 95 Resp: 67786
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 82.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015684.D

Acq: 22 Sep 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

H-2313-SOIL

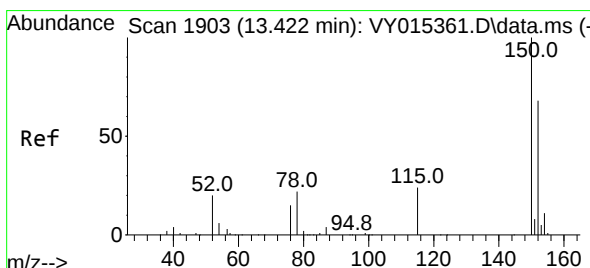
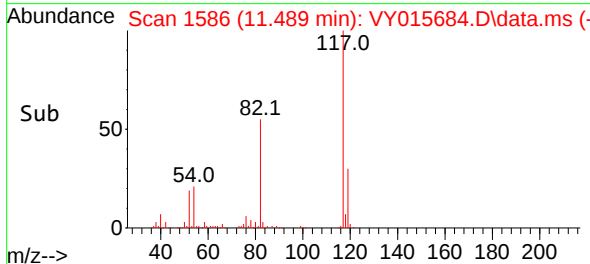
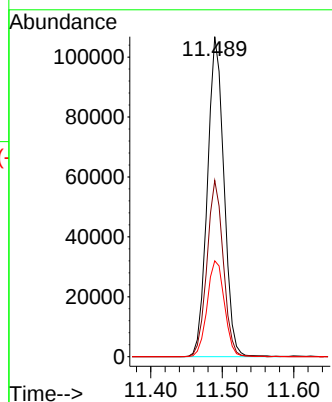
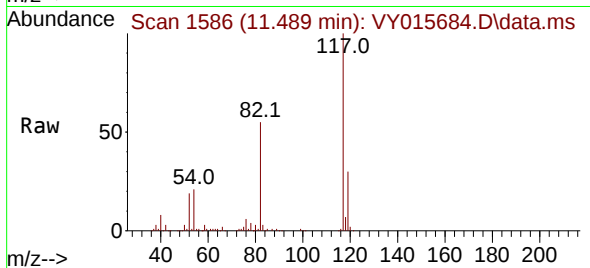
Tgt Ion:117 Resp: 171521

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 29.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015684.D

Acq: 22 Sep 2023 14:28

Tgt Ion:152 Resp: 66031

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 156.4 0.0 348.8

