

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011650.D
 Acq On : 30 Nov 2022 18:46
 Operator : KP/MD
 Sample : N5807-09
 Misc : 2.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-2

Quant Time: Dec 01 05:26:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2675	72.176	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.360%	
35) Dibromofluoromethane	7.716	113	861	22.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 45.700%#	
50) Toluene-d8	10.179	98	6936	50.663	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.320%	
62) 4-Bromofluorobenzene	12.483	95	1775	35.067	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.140%	

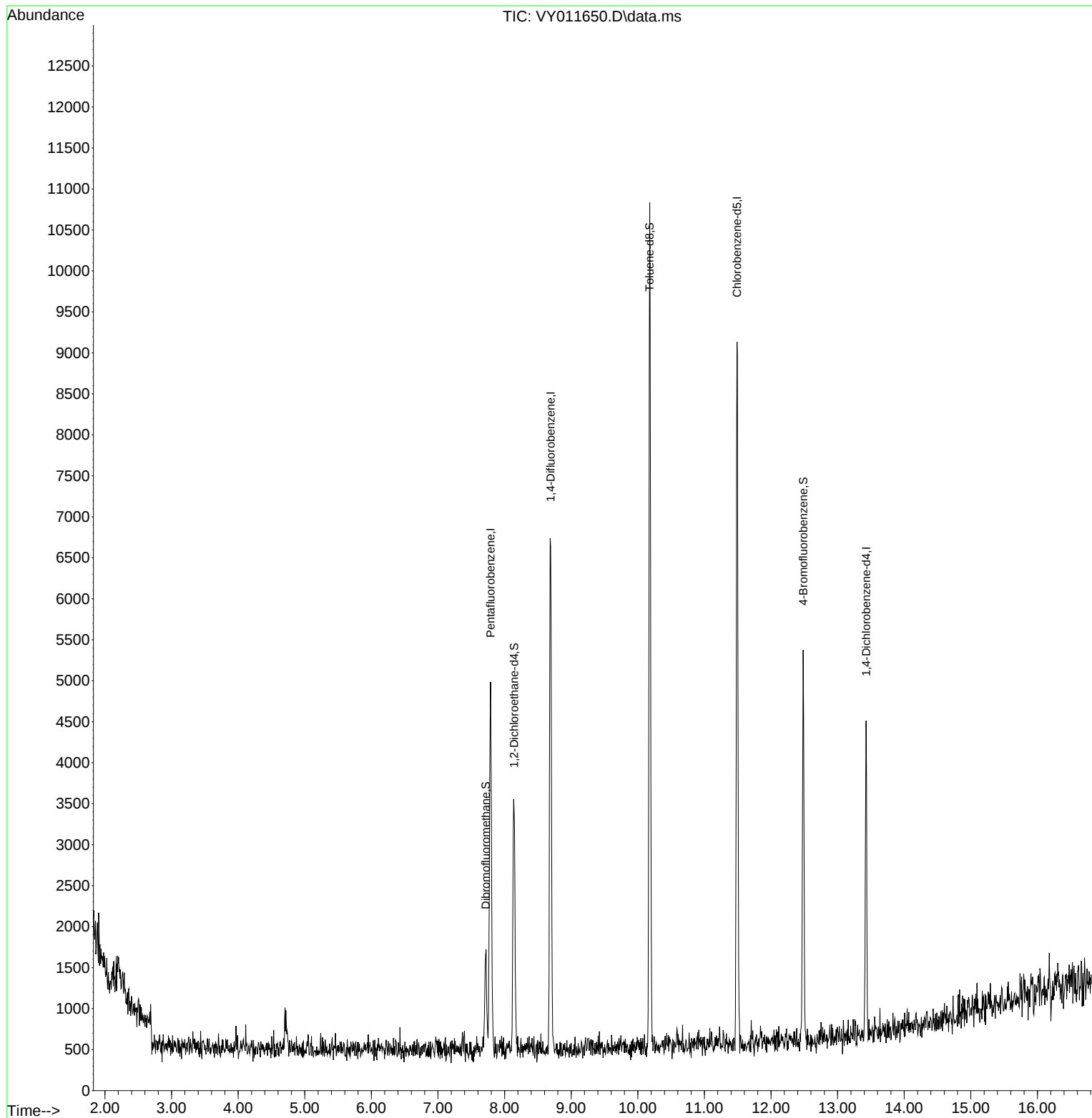
Target Compounds	Qvalue

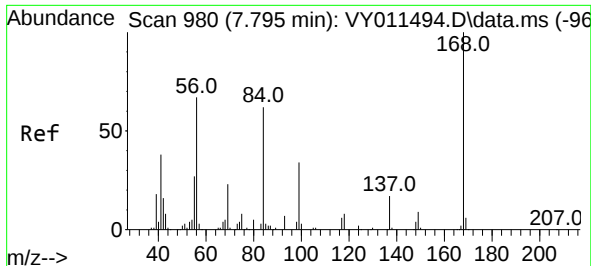
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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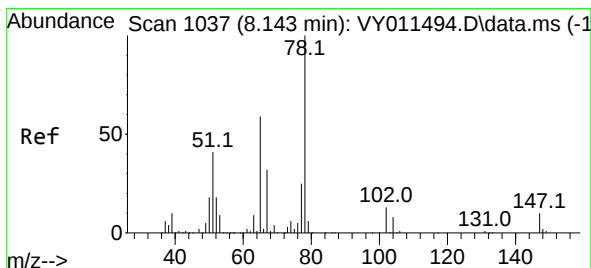
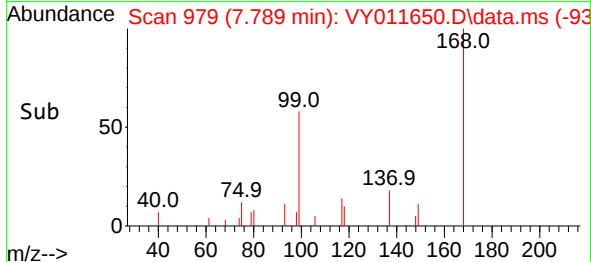
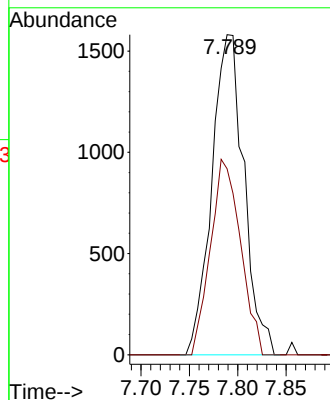
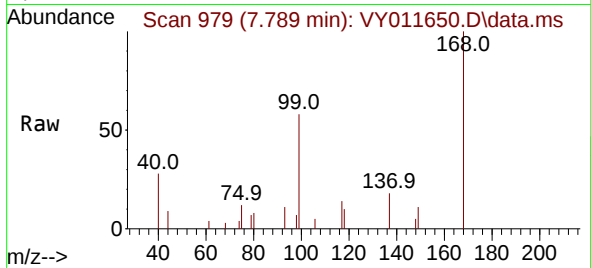




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

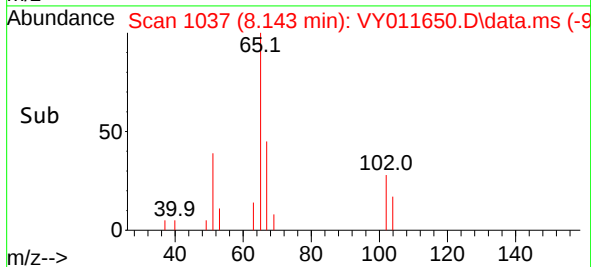
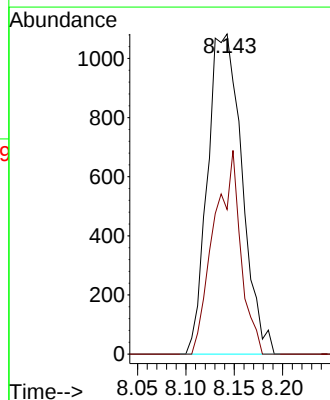
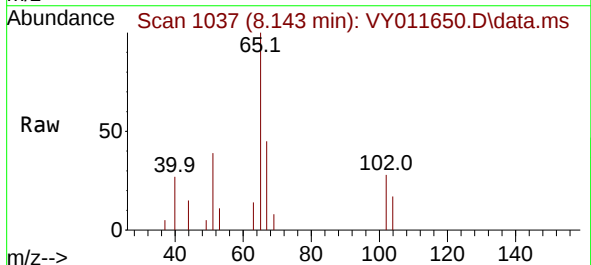
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2

Tgt Ion:168 Resp: 3650
Ion Ratio Lower Upper
168 100
99 58.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 72.176 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

Tgt Ion: 65 Resp: 2675
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011650.D

Acq: 30 Nov 2022 18:46

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-2

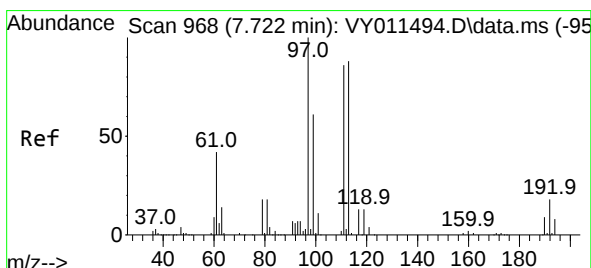
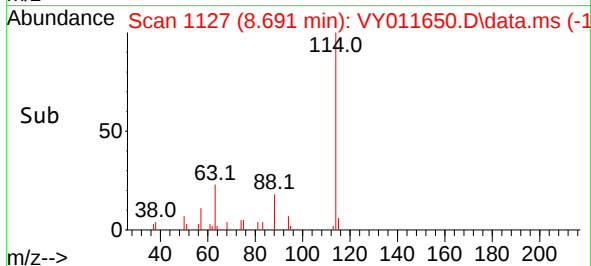
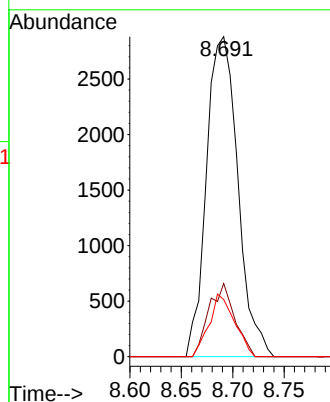
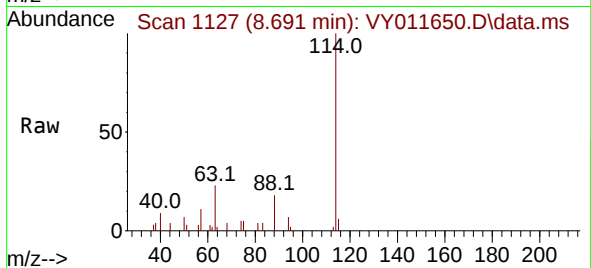
Tgt Ion:114 Resp: 6120

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.2

88 17.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 22.854 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011650.D

Acq: 30 Nov 2022 18:46

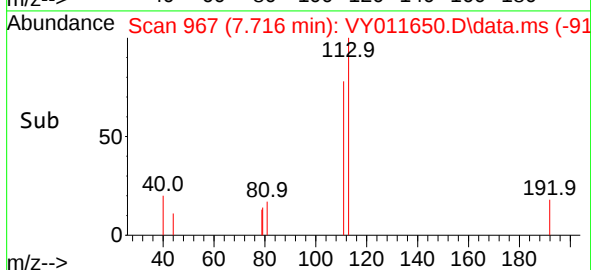
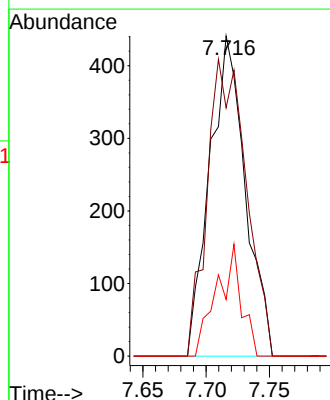
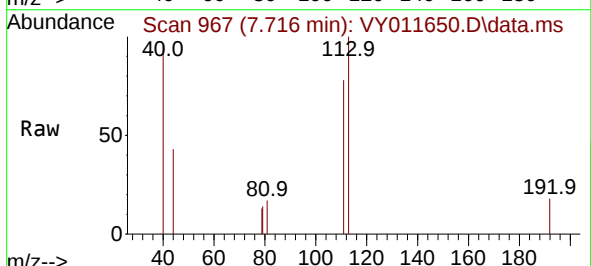
Tgt Ion:113 Resp: 861

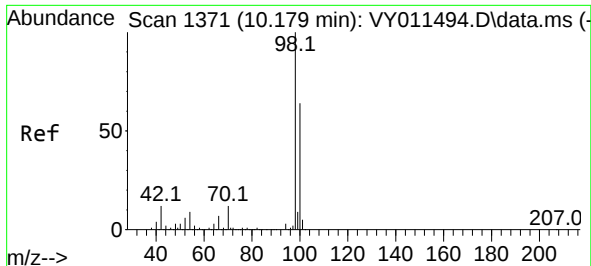
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 24.2 17.6 26.4

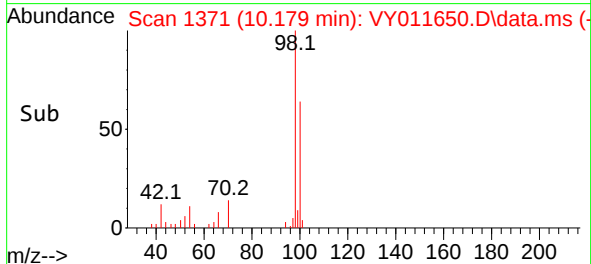
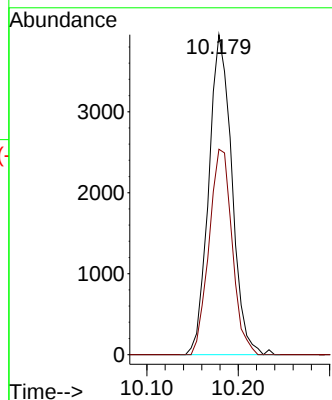
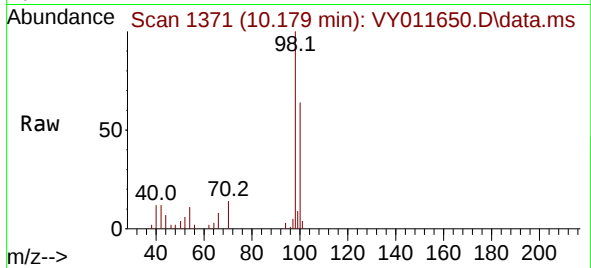




#50
Toluene-d8
Concen: 50.663 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

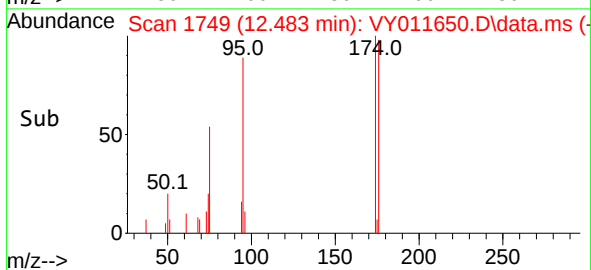
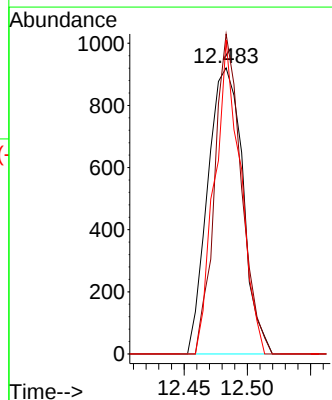
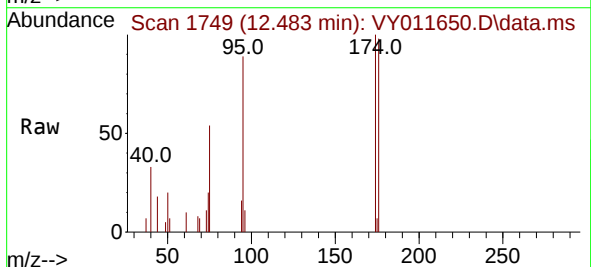
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2

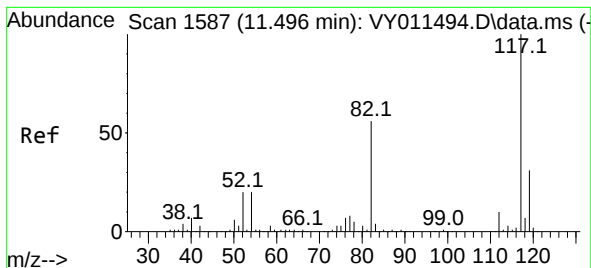
Tgt Ion: 98 Resp: 6936
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.067 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011650.D
Acq: 30 Nov 2022 18:46

Tgt Ion: 95 Resp: 1775
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 81.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011650.D

Acq: 30 Nov 2022 18:46

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-2

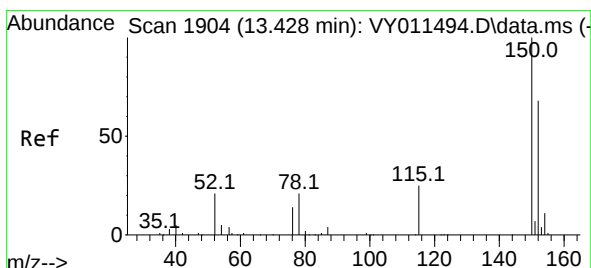
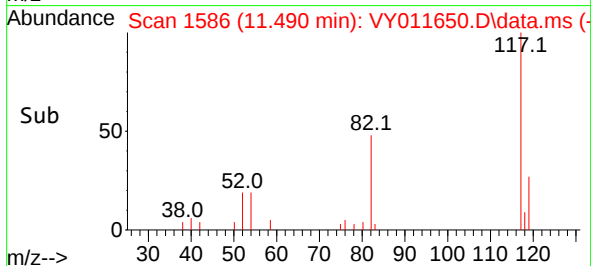
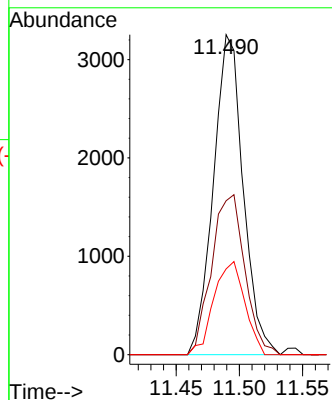
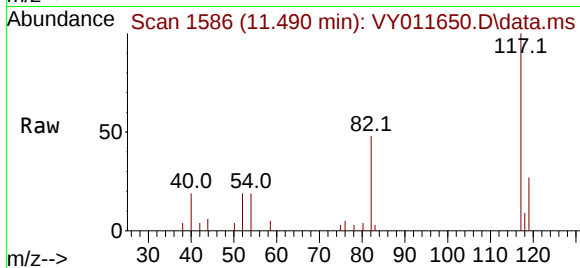
Tgt Ion:117 Resp: 5324

Ion Ratio Lower Upper

117 100

82 48.1 43.0 64.4

119 26.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011650.D

Acq: 30 Nov 2022 18:46

Tgt Ion:152 Resp: 1344

Ion Ratio Lower Upper

152 100

115 50.6 28.2 84.7

150 139.4 0.0 347.6

