

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011412.D
 Acq On : 11 Nov 2022 12:46
 Operator : KP/MD
 Sample : N5561-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05

Quant Time: Nov 11 13:35:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	354204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	595172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	529218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	242640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	186426	62.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.620%
35) Dibromofluoromethane	7.716	113	189576	56.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.680%
50) Toluene-d8	10.179	98	715806	56.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.340%
62) 4-Bromofluorobenzene	12.477	95	230218	51.799	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.600%

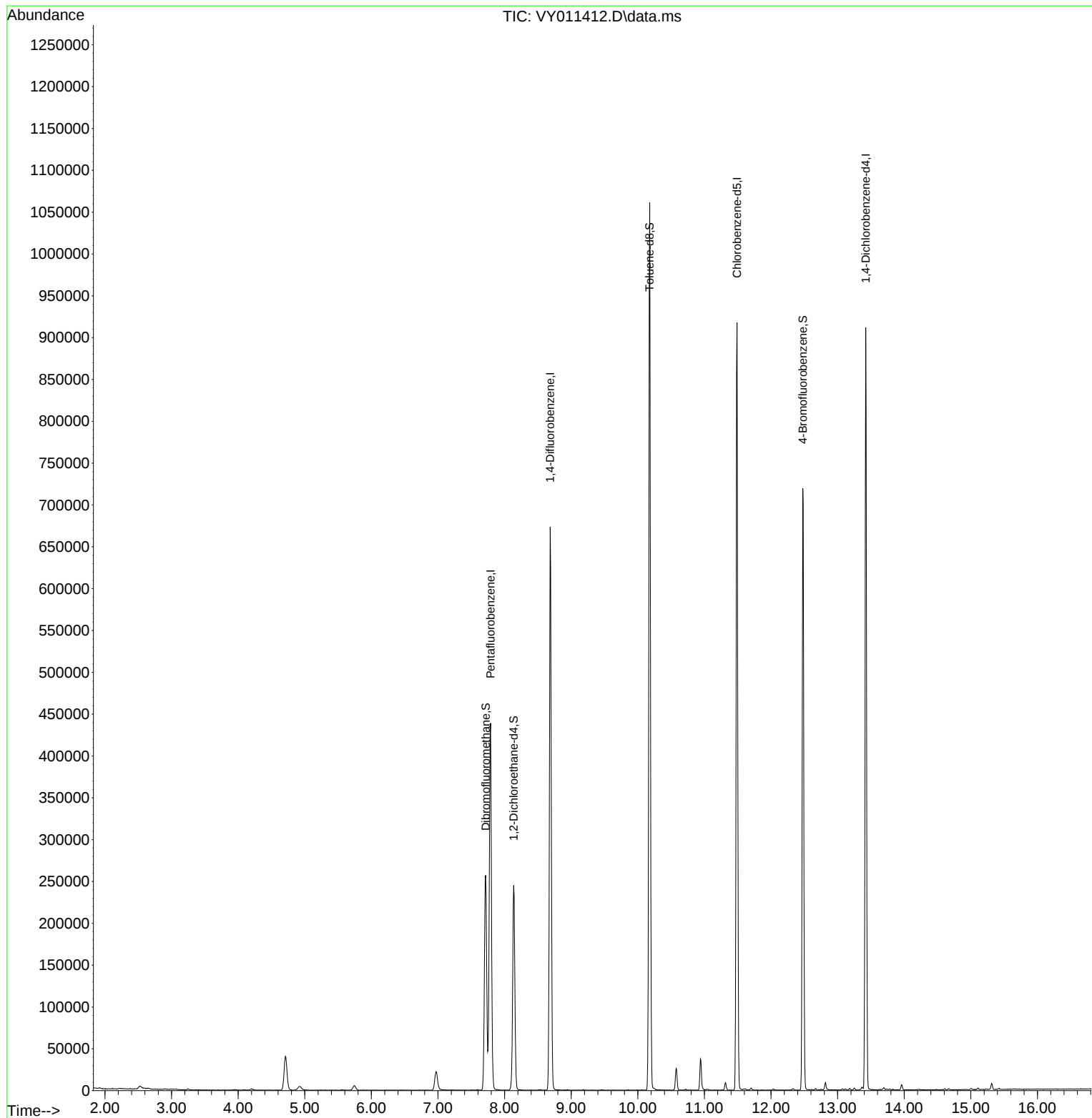
Target Compounds	Qvalue

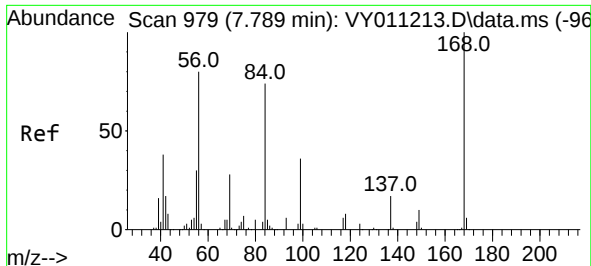
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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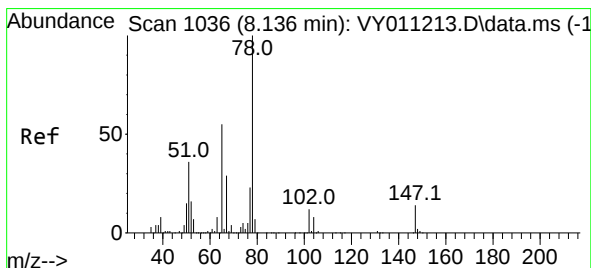
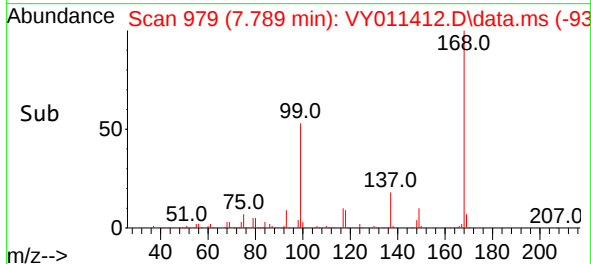
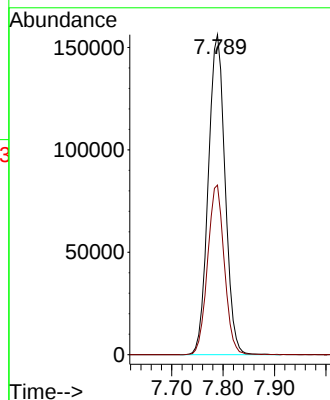
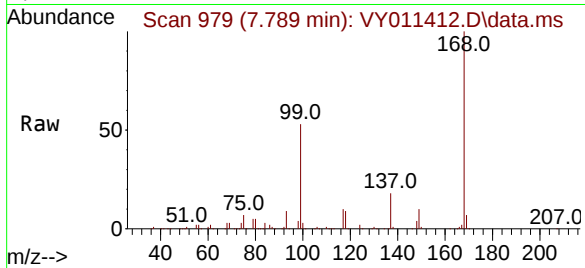




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

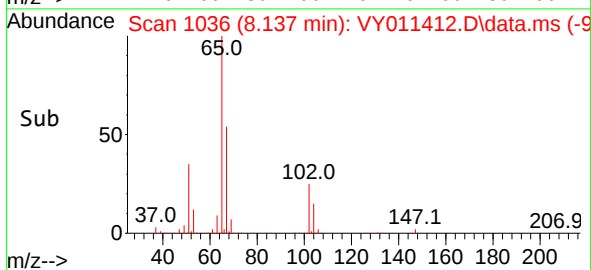
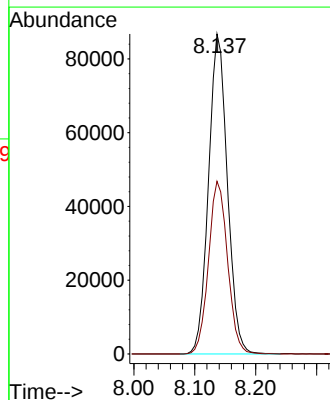
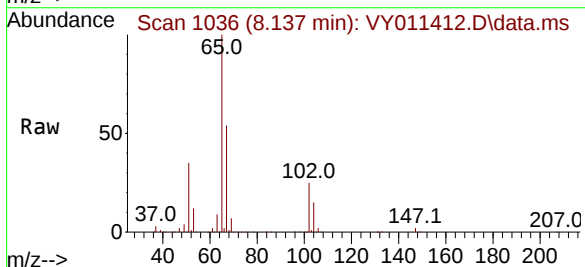
Instrument :
MSVOA_Y
ClientSampleId :
SB-05

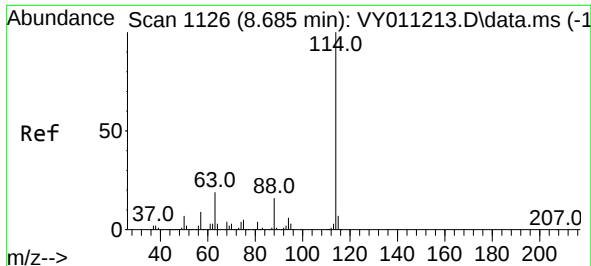
Tgt Ion:168 Resp: 354204
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.809 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

Tgt Ion: 65 Resp: 186426
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4

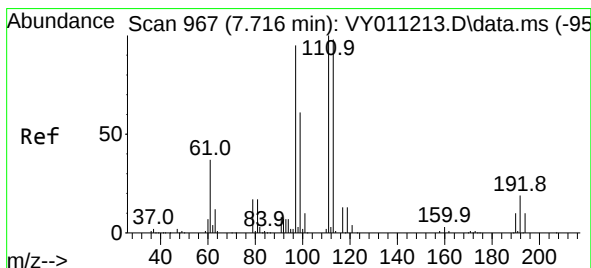
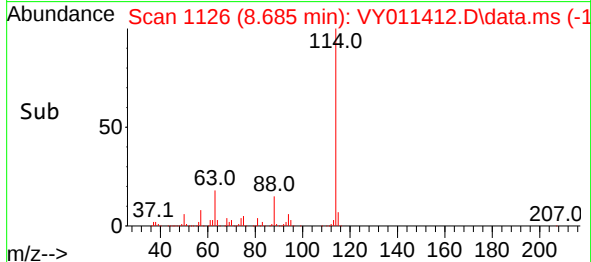
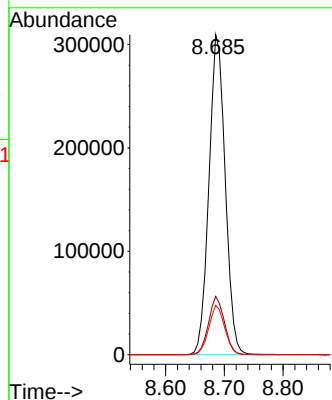
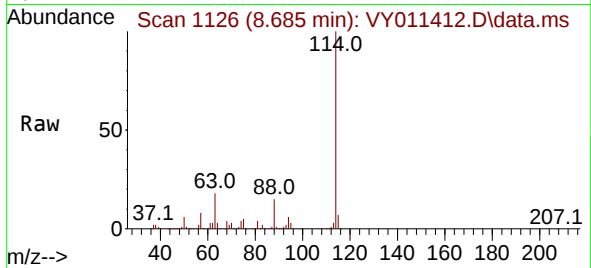




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

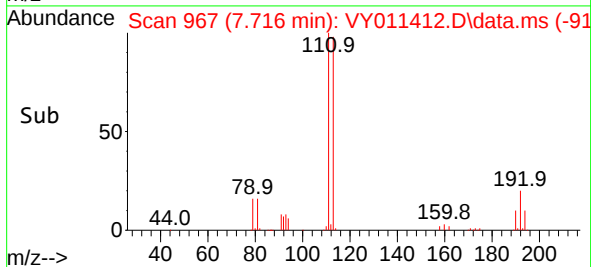
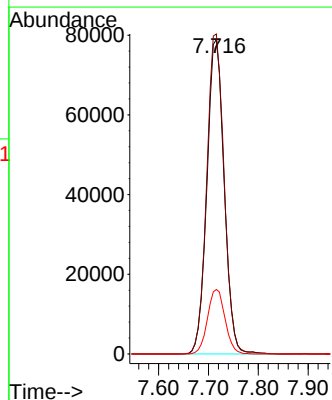
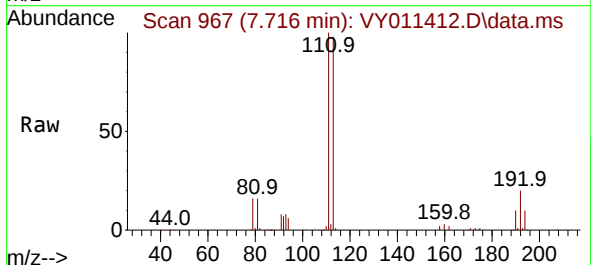
Instrument :
MSVOA_Y
ClientSampleId :
SB-05

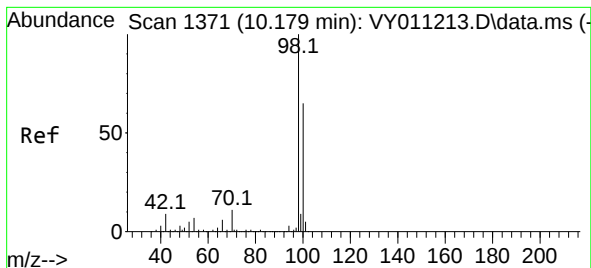
Tgt Ion:114 Resp: 595172
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.836 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011412.D
Acq: 11 Nov 2022 12:46

Tgt Ion:113 Resp: 189576
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.8 17.6 26.4





#50

Toluene-d8

Concen: 56.175 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011412.D

Acq: 11 Nov 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

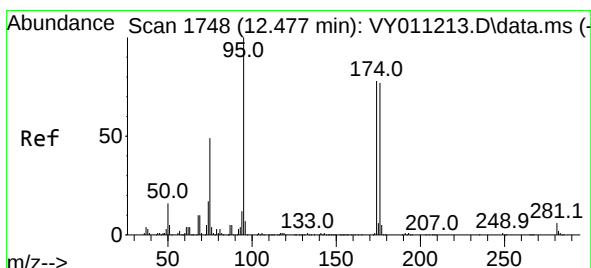
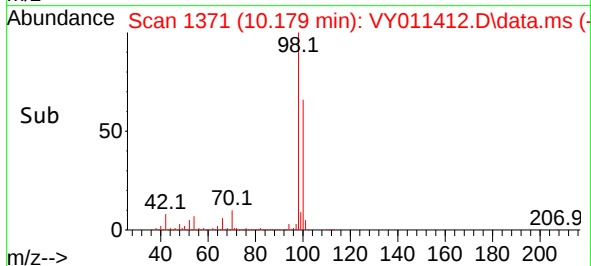
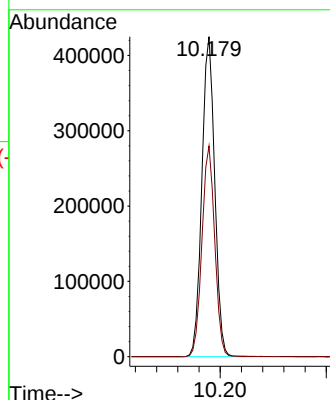
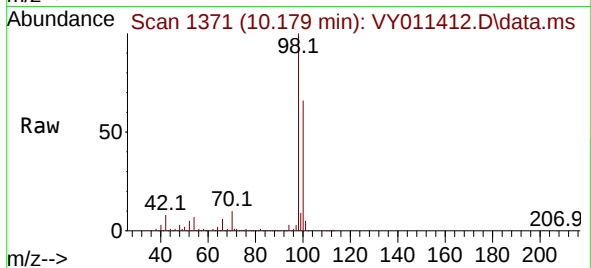
SB-05

Tgt Ion: 98 Resp: 715806

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 51.799 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011412.D

Acq: 11 Nov 2022 12:46

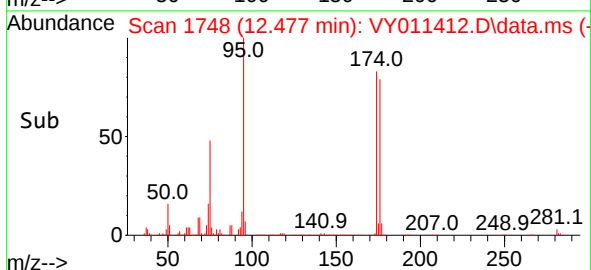
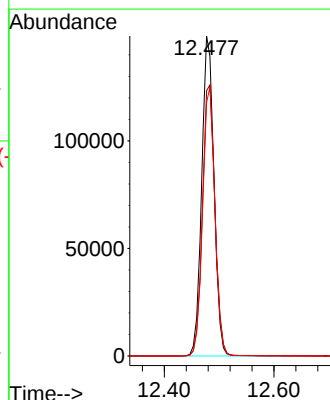
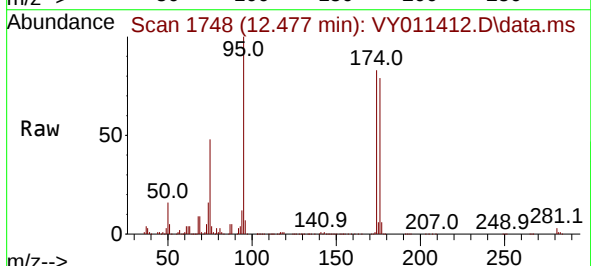
Tgt Ion: 95 Resp: 230218

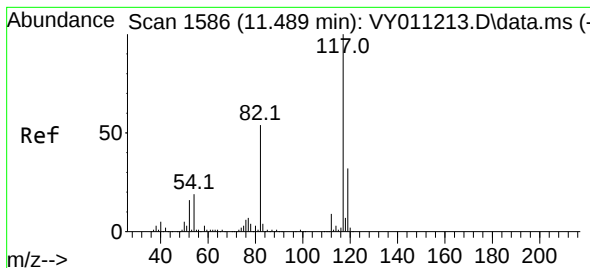
Ion Ratio Lower Upper

95 100

174 86.8 0.0 177.0

176 84.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011412.D

Acq: 11 Nov 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

SB-05

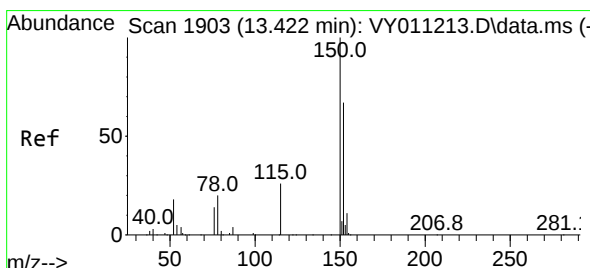
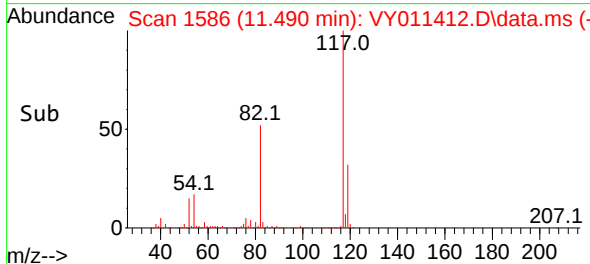
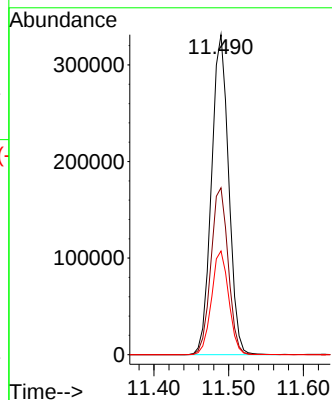
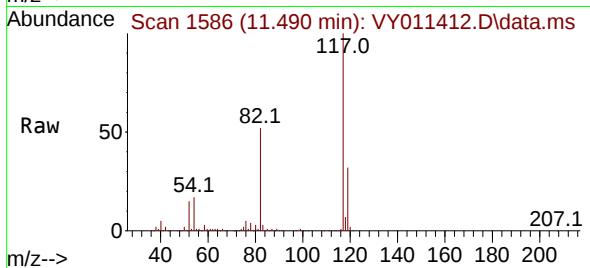
Tgt Ion:117 Resp: 529218

Ion Ratio Lower Upper

117 100

82 52.1 43.0 64.4

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011412.D

Acq: 11 Nov 2022 12:46

Tgt Ion:152 Resp: 242640

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 157.3 0.0 347.6

