

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011048.D
 Acq On : 21 Oct 2022 14:22
 Operator : KP/MD
 Sample : N5217-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-M1-3.5-4.0

Quant Time: Oct 22 01:23:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	327967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	549390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	482094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	221772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	176890	58.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.100%
35) Dibromofluoromethane	7.716	113	186490	61.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.780%
50) Toluene-d8	10.179	98	674295	58.781	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.560%
62) 4-Bromofluorobenzene	12.477	95	226945	56.233	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.460%

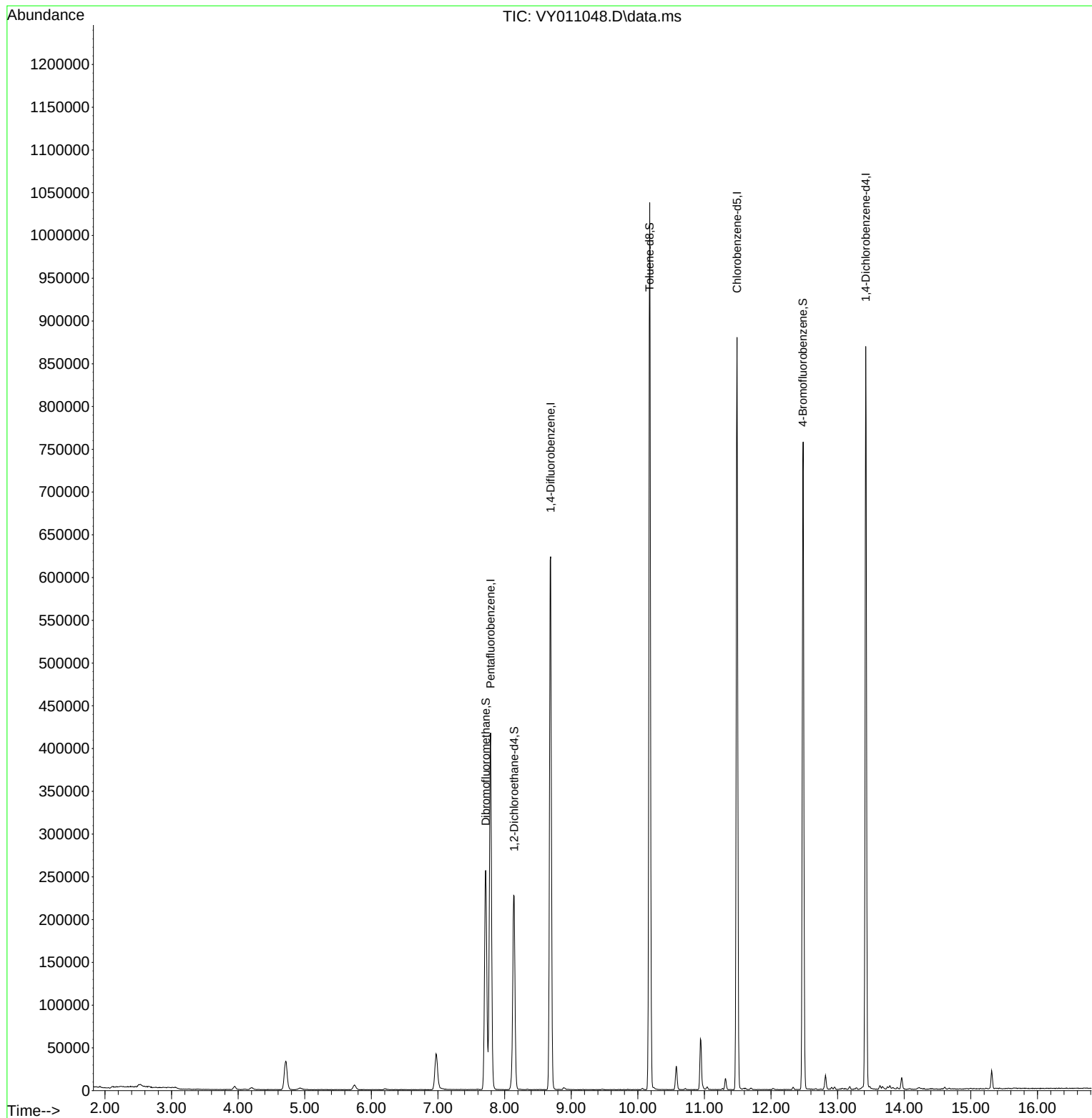
Target Compounds	Qvalue

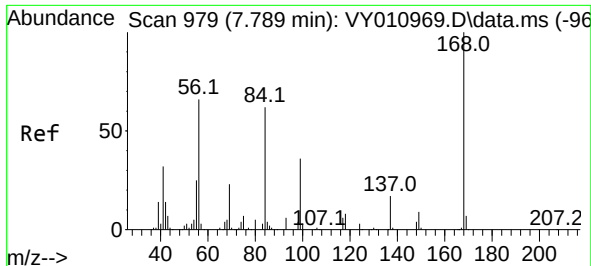
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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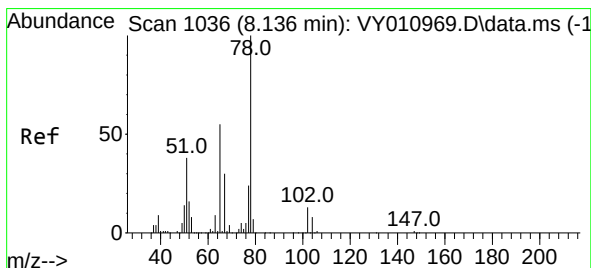
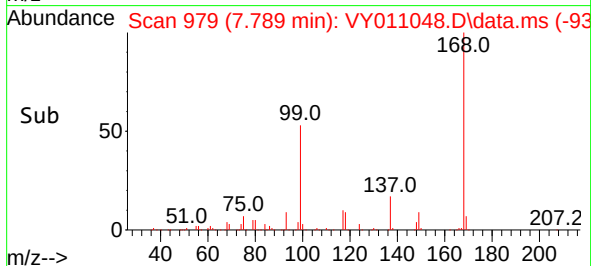
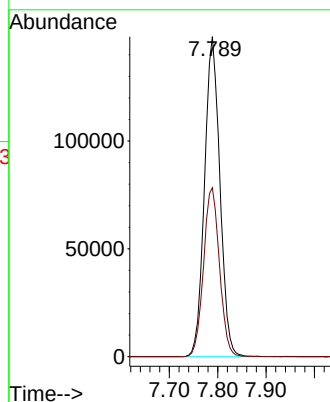
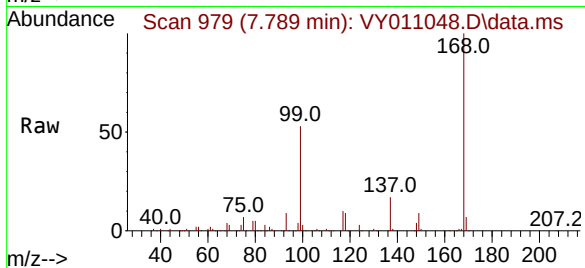




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

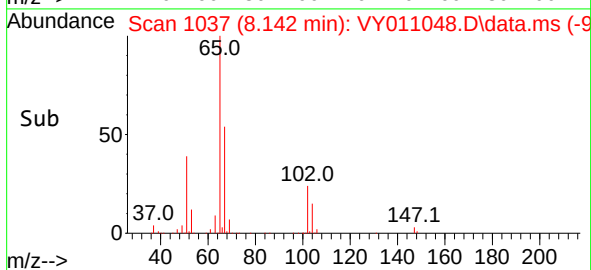
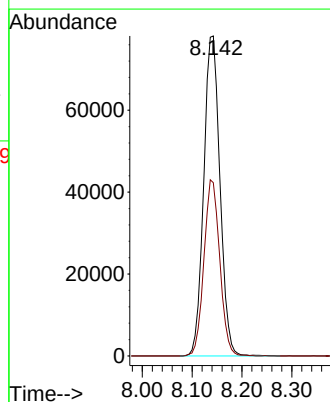
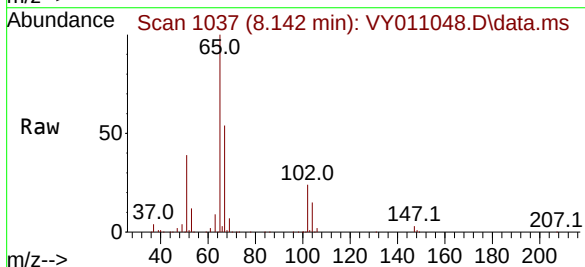
Instrument :
MSVOA_Y
ClientSampleId :
SB-M1-3.5-4.0

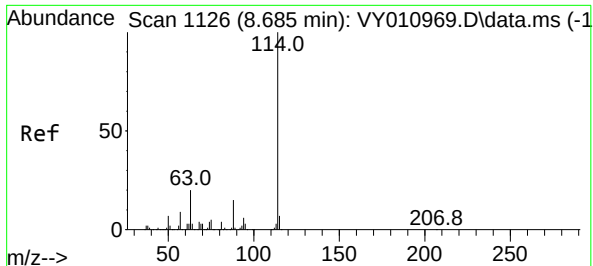
Tgt Ion:168 Resp: 327967
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.552 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

Tgt Ion: 65 Resp: 176890
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011048.D

Acq: 21 Oct 2022 14:22

Instrument :

MSVOA_Y

ClientSampleId :

SB-M1-3.5-4.0

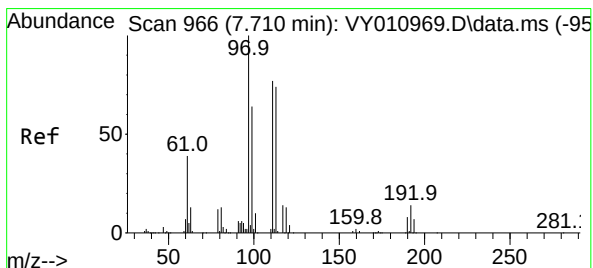
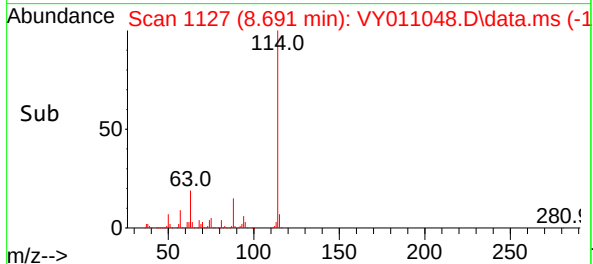
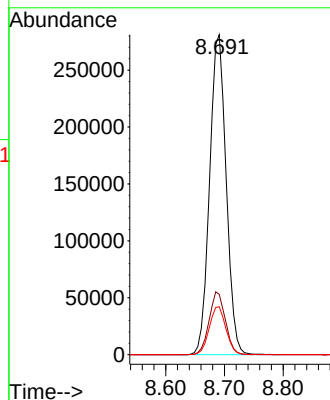
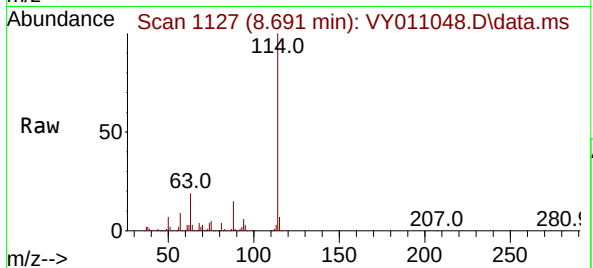
Tgt Ion:114 Resp: 549390

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 61.386 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011048.D

Acq: 21 Oct 2022 14:22

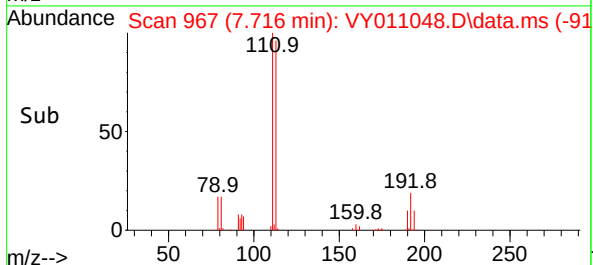
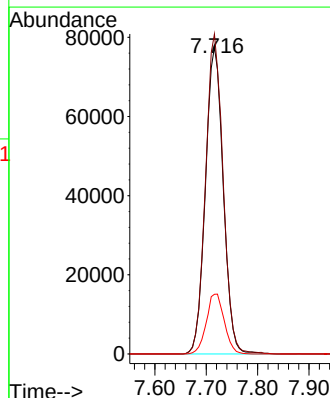
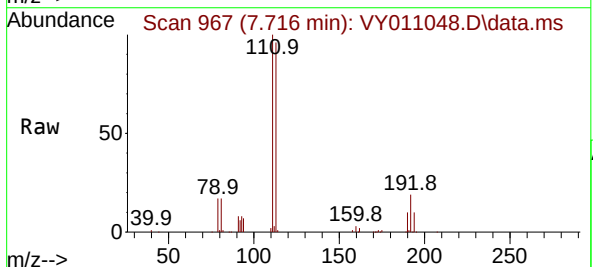
Tgt Ion:113 Resp: 186490

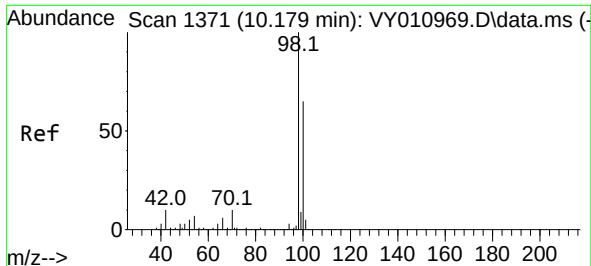
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.7 17.6 26.4

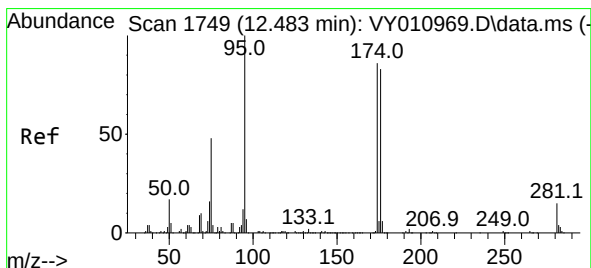
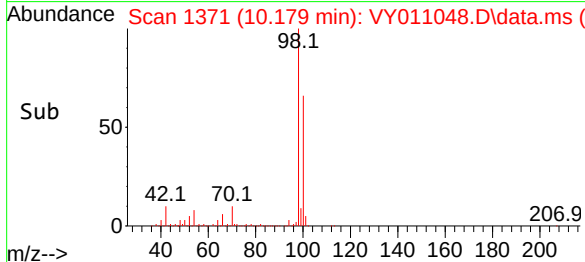
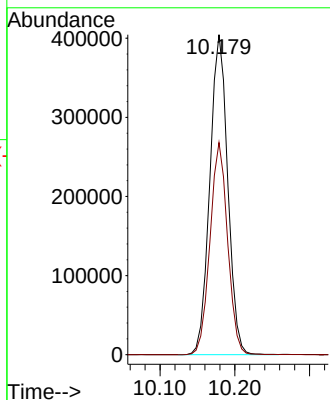
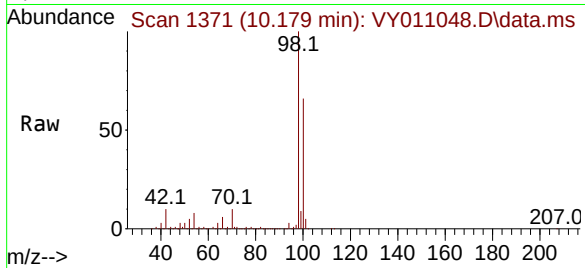




#50
Toluene-d8
Concen: 58.781 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

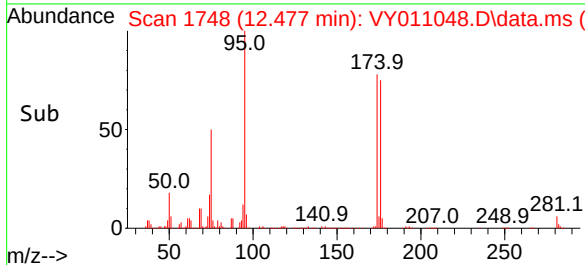
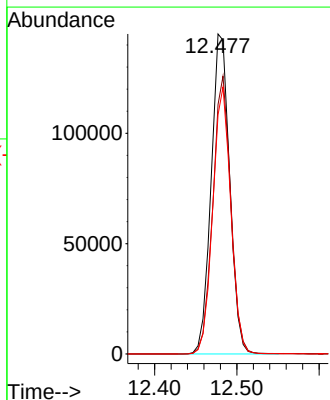
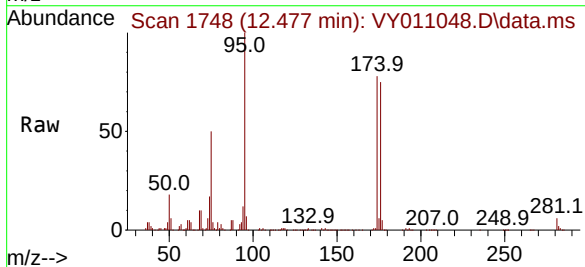
Instrument :
MSVOA_Y
ClientSampleId :
SB-M1-3.5-4.0

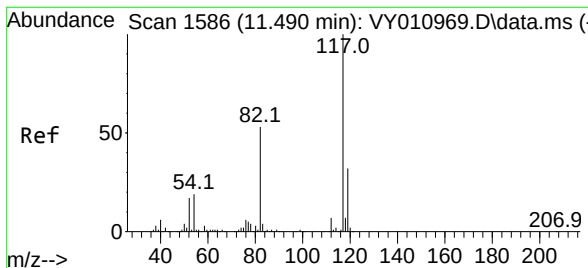
Tgt Ion: 98 Resp: 674295
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.233 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

Tgt Ion: 95 Resp: 226945
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 81.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011048.D

Acq: 21 Oct 2022 14:22

Instrument :

MSVOA_Y

ClientSampleId :

SB-M1-3.5-4.0

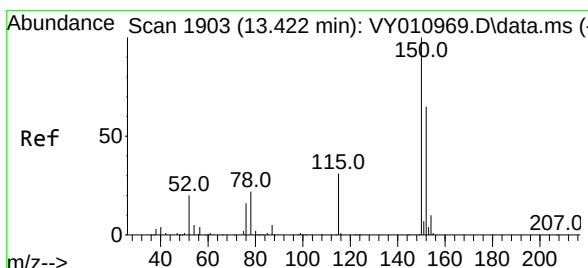
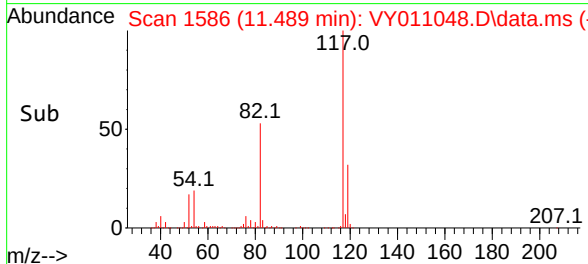
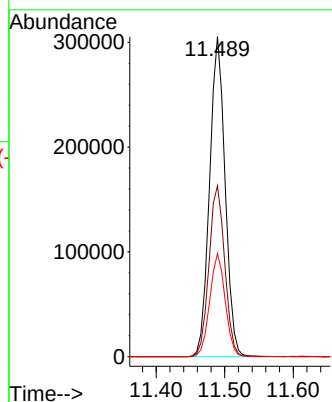
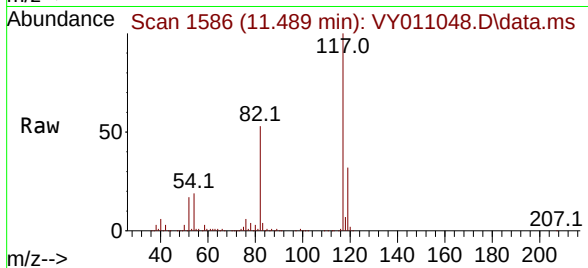
Tgt Ion:117 Resp: 482094

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 32.2 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: VY011048.D

Acq: 21 Oct 2022 14:22

Tgt Ion:152 Resp: 221772

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 157.3 0.0 347.6

