

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010782.D
 Acq On : 04 Oct 2022 10:15
 Operator : KP/MD
 Sample : VY1004SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1004SBL01

Quant Time: Oct 05 07:23:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	233368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	386088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	128912	54.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.000%
35) Dibromofluoromethane	7.716	113	121376	47.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.720%
50) Toluene-d8	10.179	98	463142	52.841	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.680%
62) 4-Bromofluorobenzene	12.483	95	142201	40.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.700%

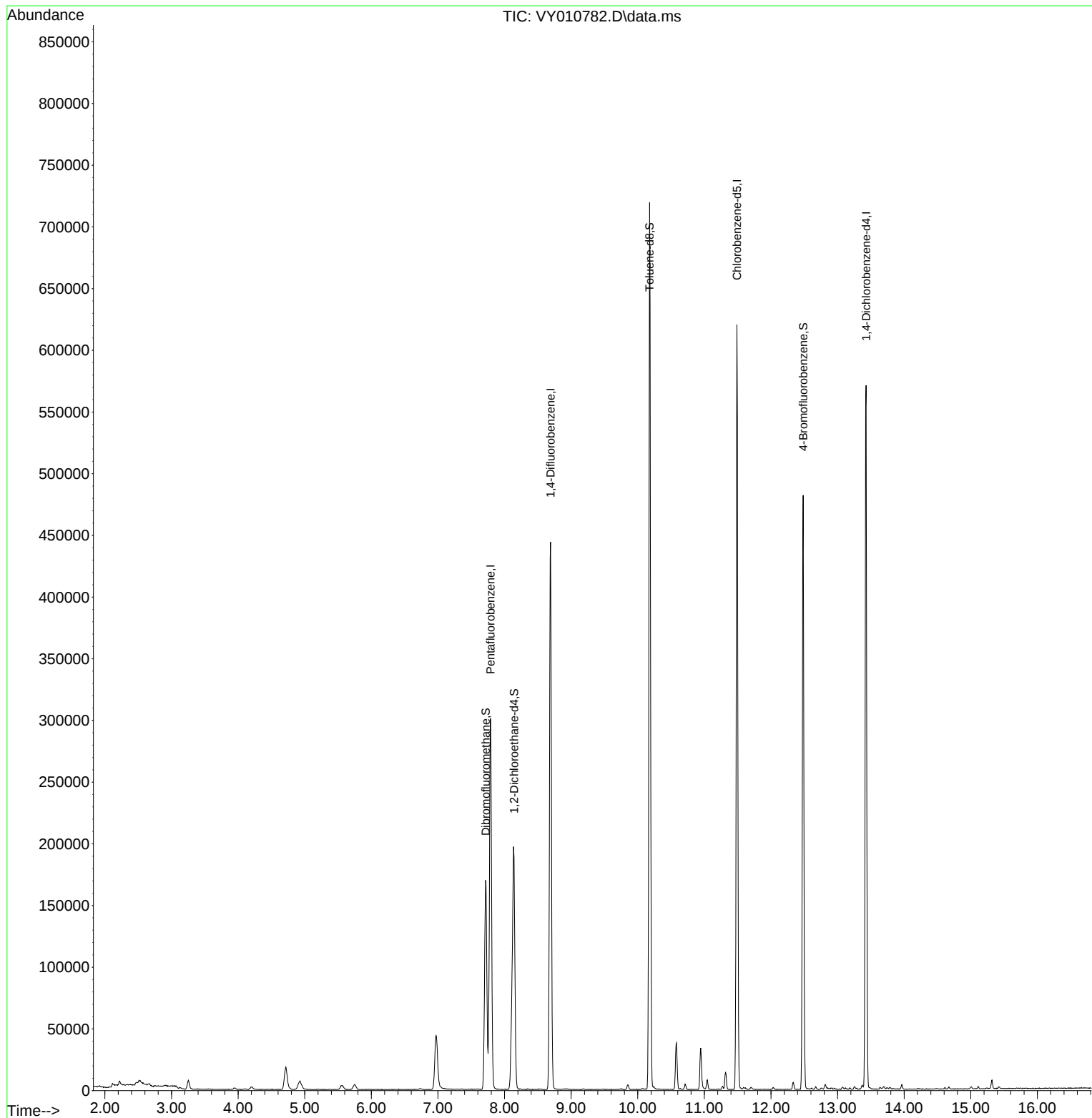
Target Compounds	Qvalue

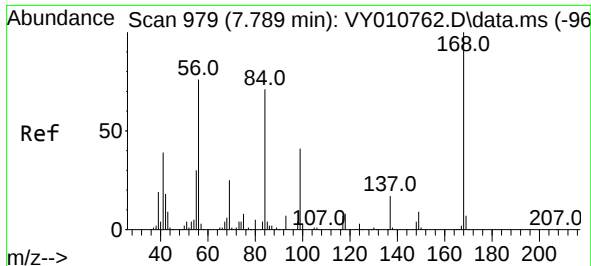
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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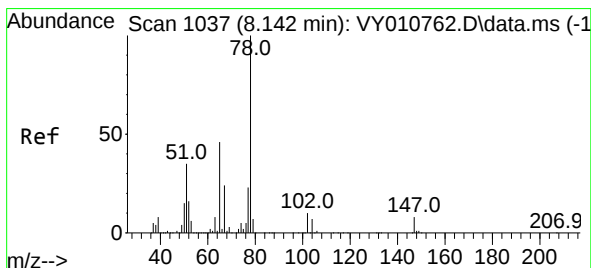
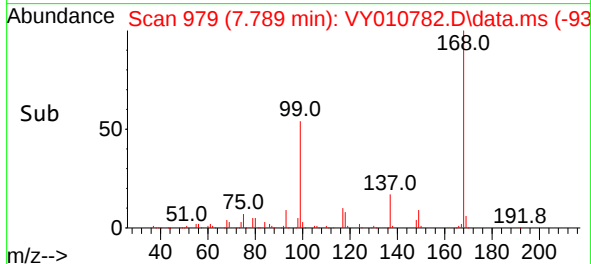
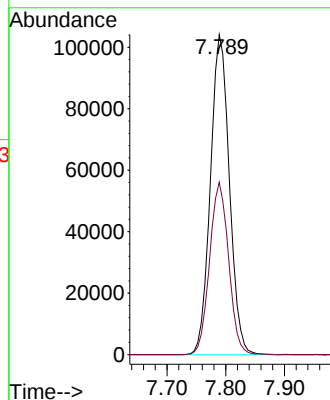
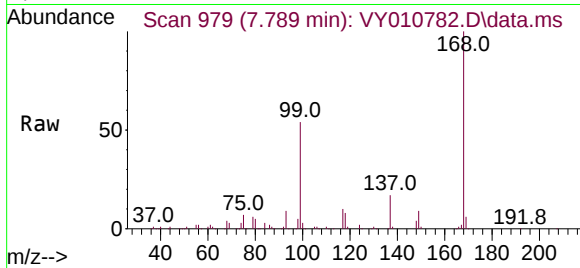




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010782.D
Acq: 04 Oct 2022 10:15

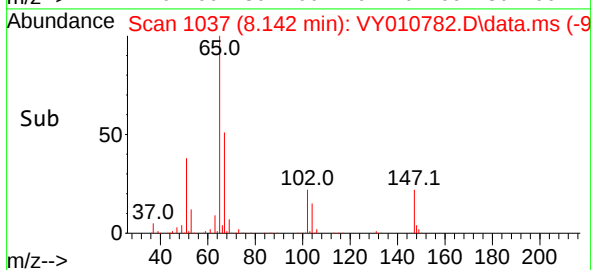
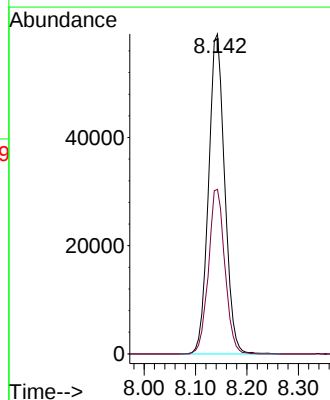
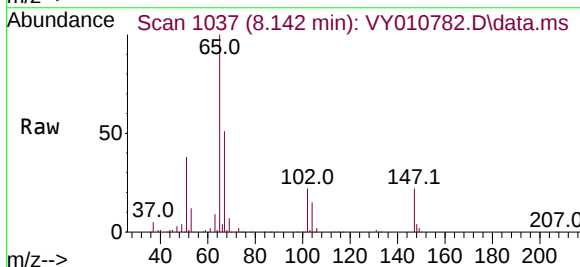
Instrument :
MSVOA_Y
ClientSampleId :
VY1004SBL01

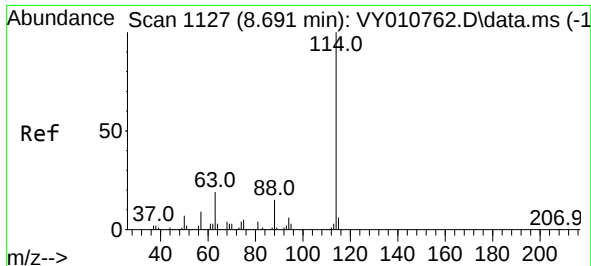
Tgt Ion:168 Resp: 233368
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.497 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY010782.D
Acq: 04 Oct 2022 10:15

Tgt Ion: 65 Resp: 128912
Ion Ratio Lower Upper
65 100
67 52.4 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: VY010782.D

Acq: 04 Oct 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1004SBL01

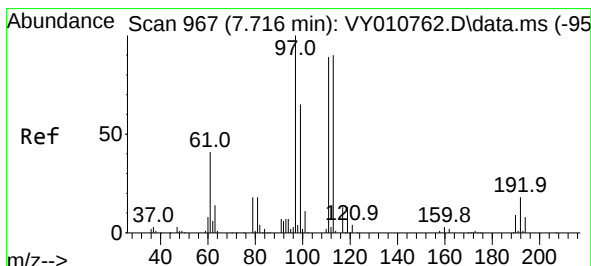
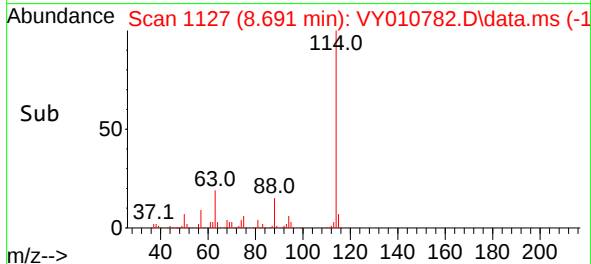
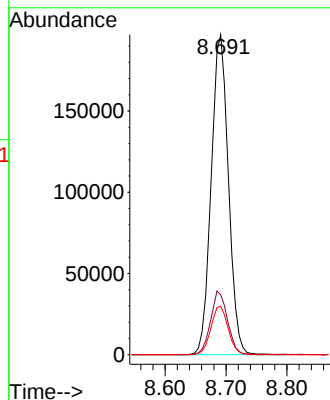
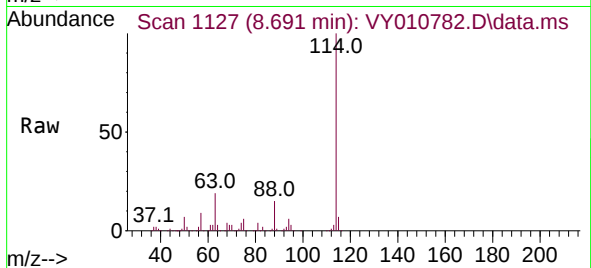
Tgt Ion:114 Resp: 386088

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.359 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010782.D

Acq: 04 Oct 2022 10:15

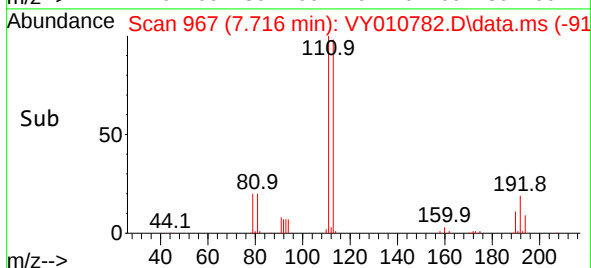
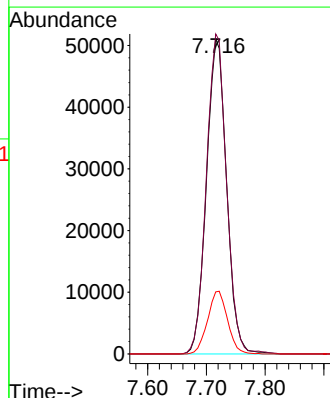
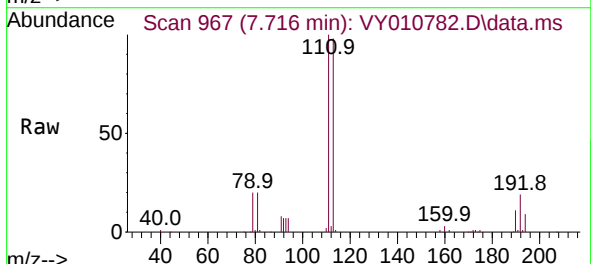
Tgt Ion:113 Resp: 121376

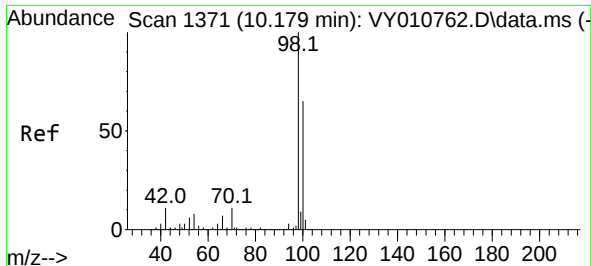
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 19.7 17.6 26.4

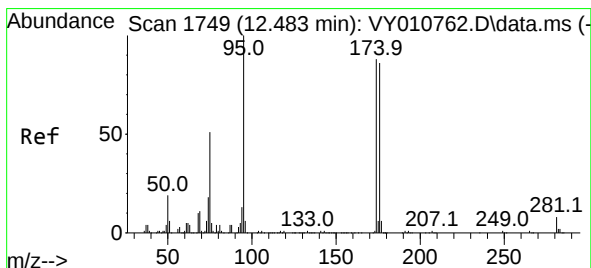
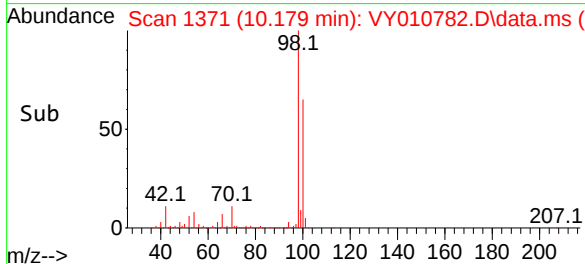
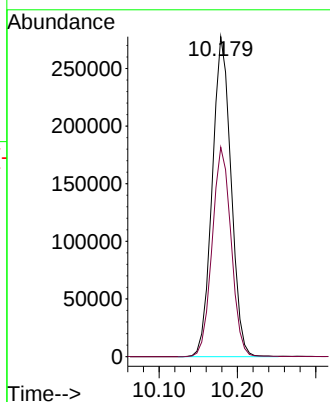
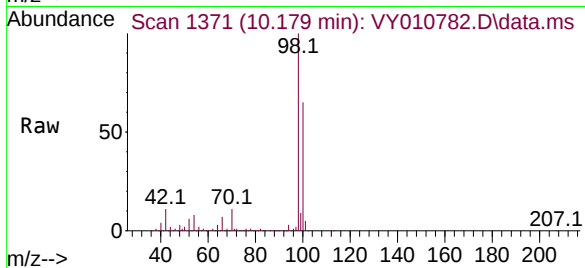




#50
Toluene-d8
Concen: 52.841 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010782.D
Acq: 04 Oct 2022 10:15

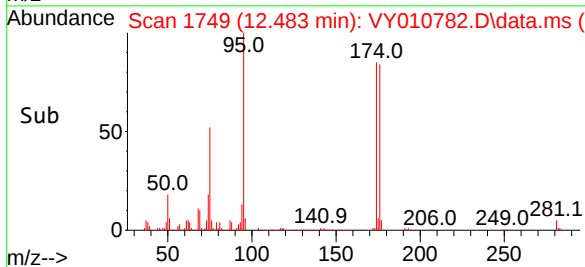
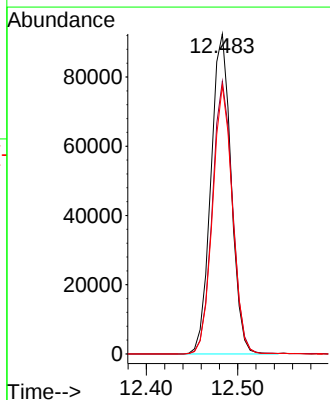
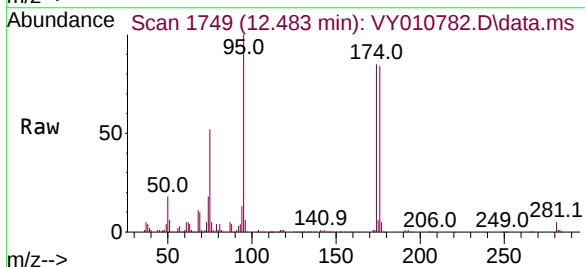
Instrument :
MSVOA_Y
ClientSampleId :
VY1004SBL01

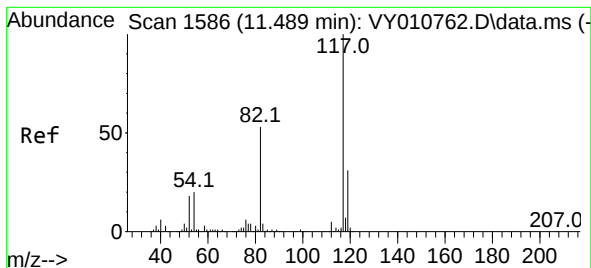
Tgt Ion: 98 Resp: 463142
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.855 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010782.D
Acq: 04 Oct 2022 10:15

Tgt Ion: 95 Resp: 142201
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 82.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010782.D

Acq: 04 Oct 2022 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1004SBL01

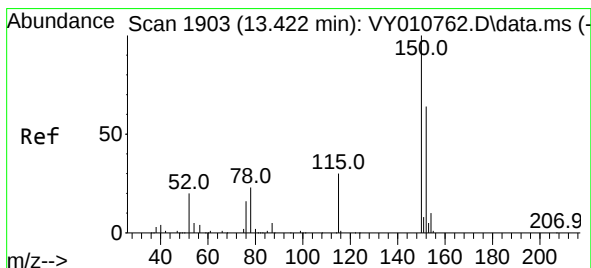
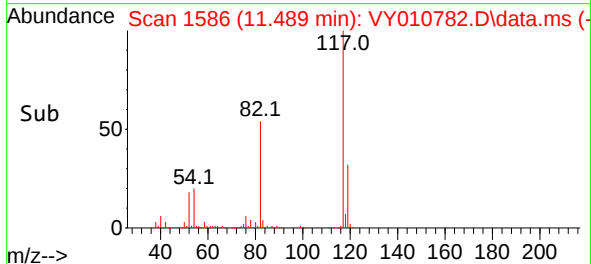
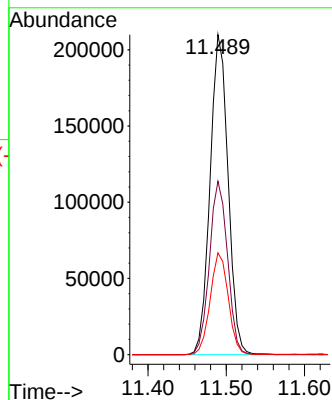
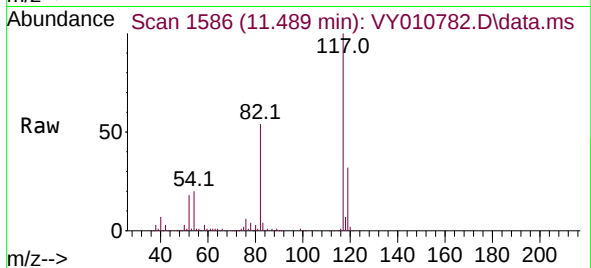
Tgt Ion:117 Resp: 336243

Ion Ratio Lower Upper

117 100

82 54.2 43.0 64.4

119 31.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010782.D

Acq: 04 Oct 2022 10:15

Tgt Ion:152 Resp: 149505

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 156.2 0.0 347.6

