

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011979.D
 Acq On : 22 Dec 2022 16:58
 Operator : KP/MD
 Sample : N6180-10
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 23 04:33:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	226836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	405539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	407625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138839	60.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.500%
35) Dibromofluoromethane	7.716	113	123971	50.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.179	98	507840	51.268	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.540%
62) 4-Bromofluorobenzene	12.477	95	182882	54.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.800%

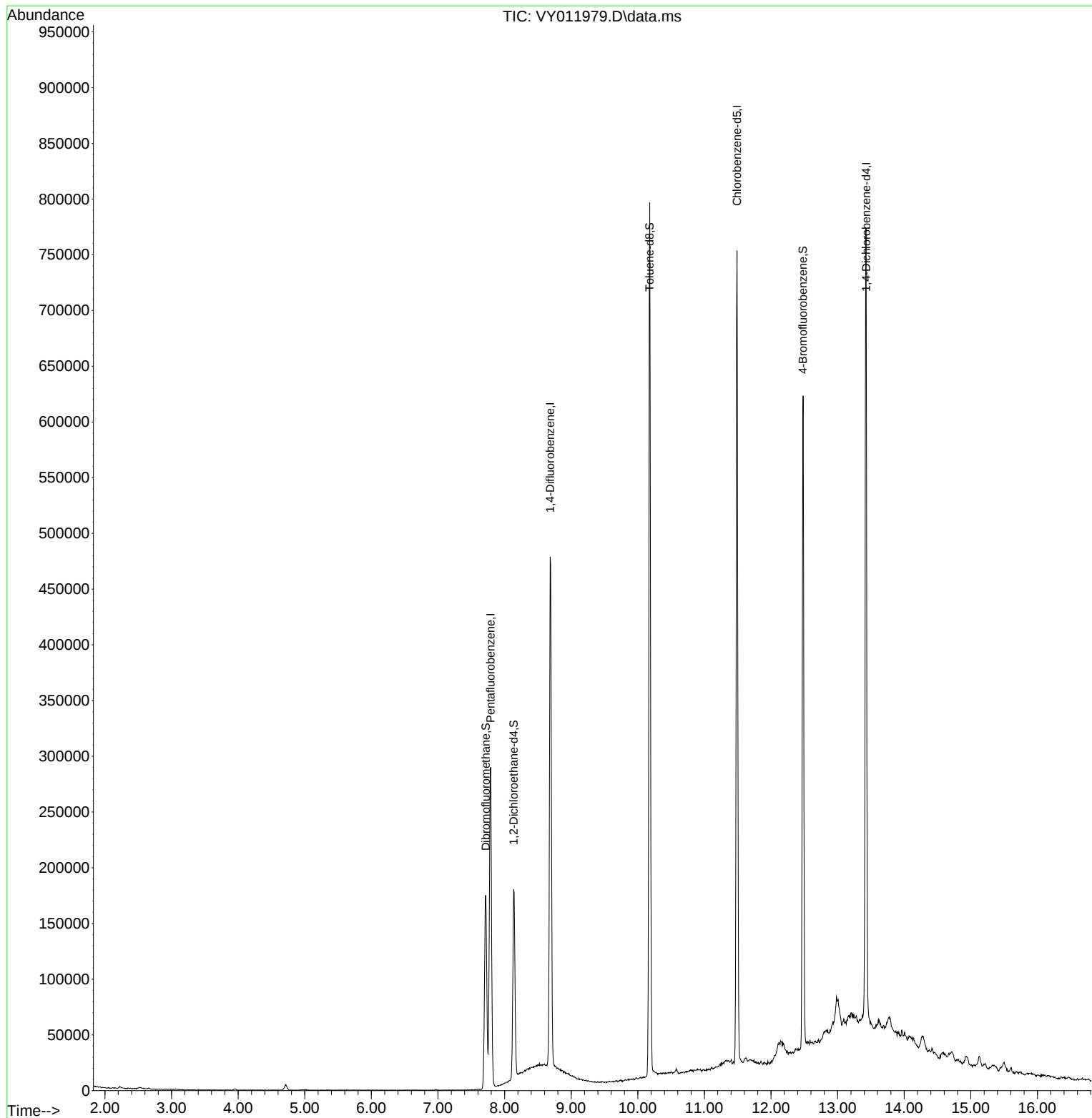
Target Compounds	Qvalue

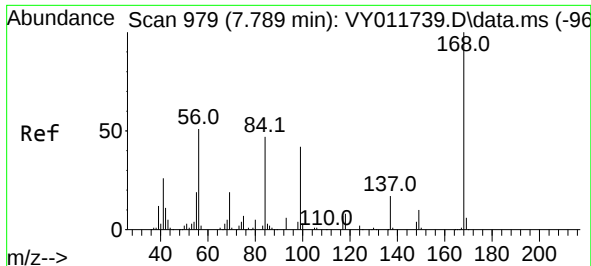
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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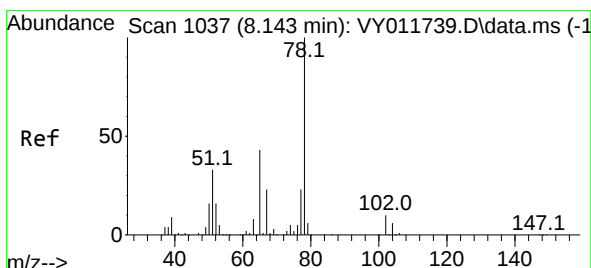
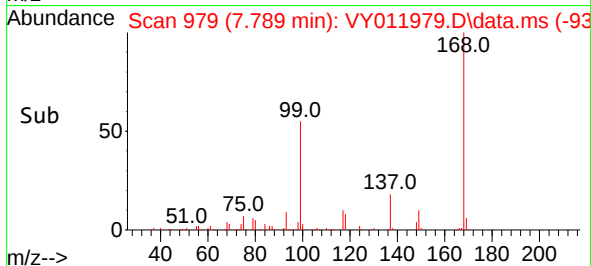
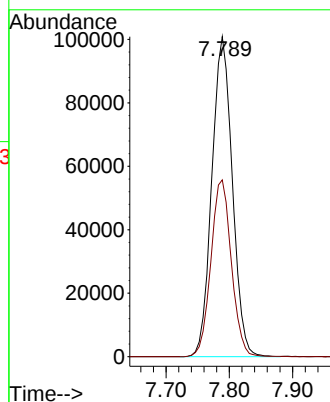
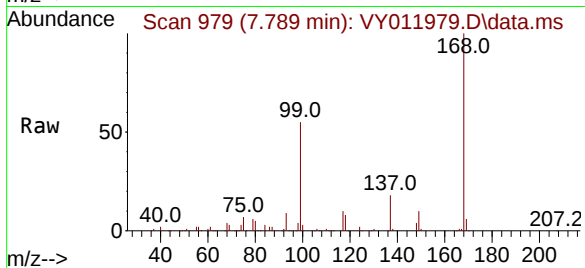




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

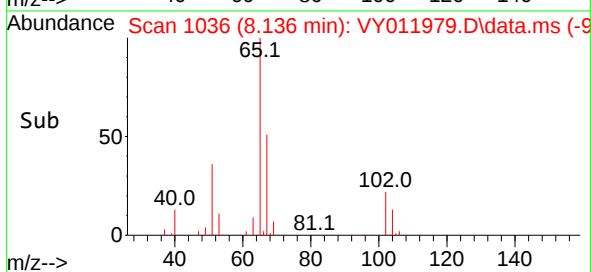
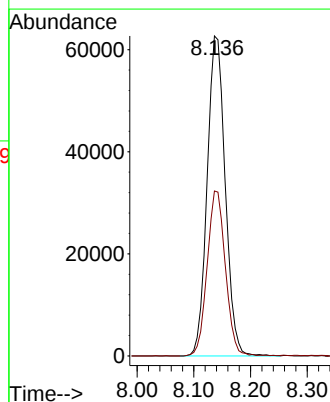
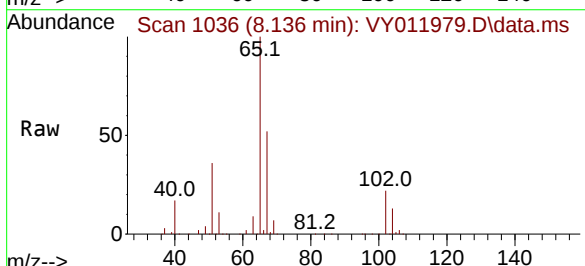
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

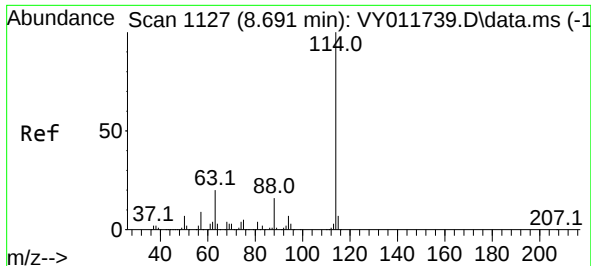
Tgt Ion:168 Resp: 226836
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 60.752 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

Tgt Ion: 65 Resp: 138839
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011979.D

Acq: 22 Dec 2022 16:58

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

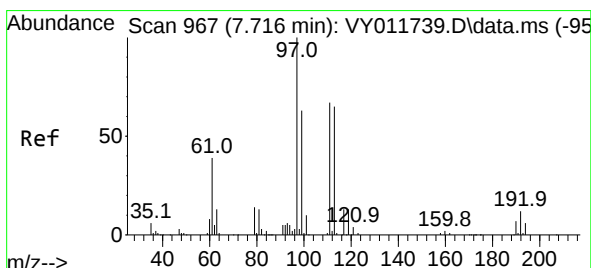
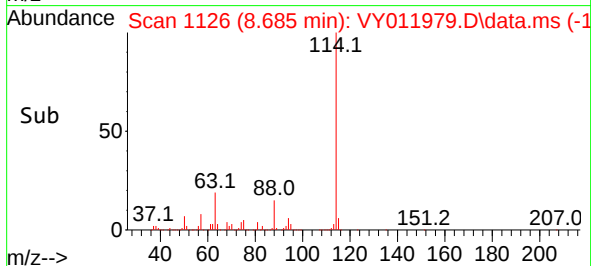
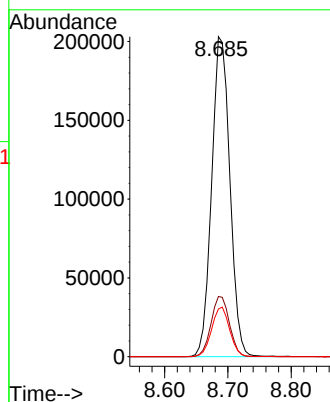
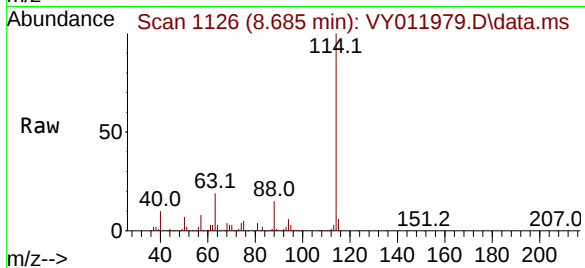
Tgt Ion:114 Resp: 405539

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.777 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011979.D

Acq: 22 Dec 2022 16:58

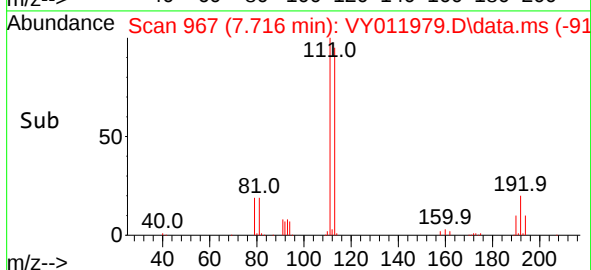
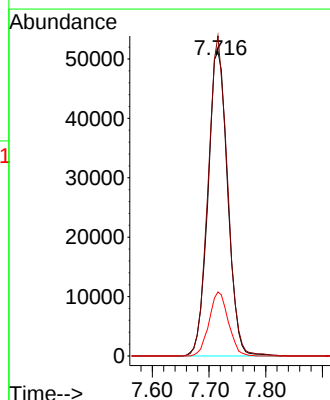
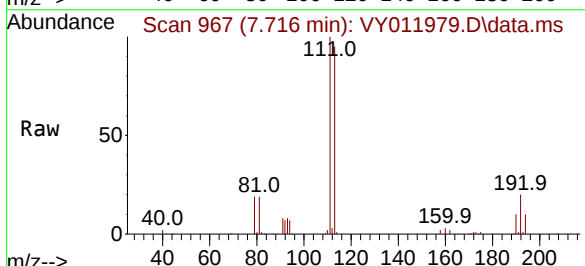
Tgt Ion:113 Resp: 123971

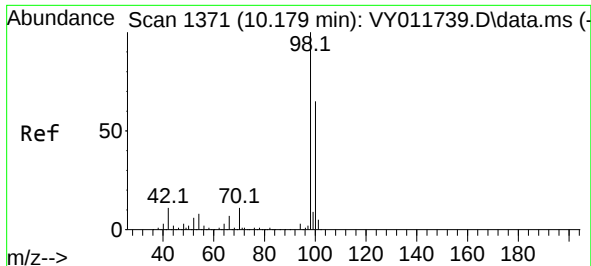
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 20.4 16.0 24.0

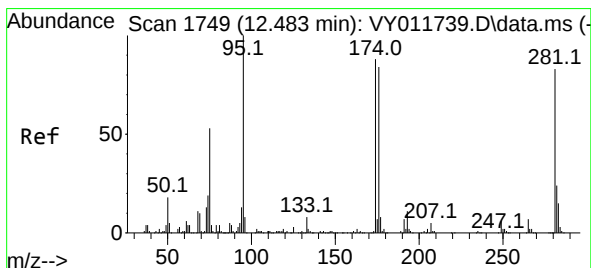
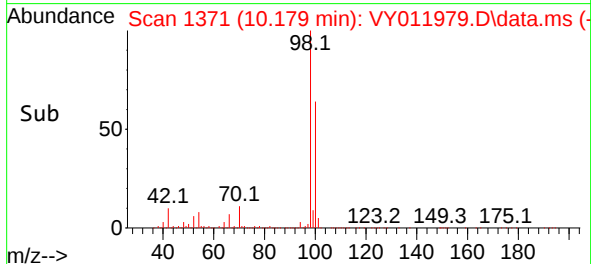
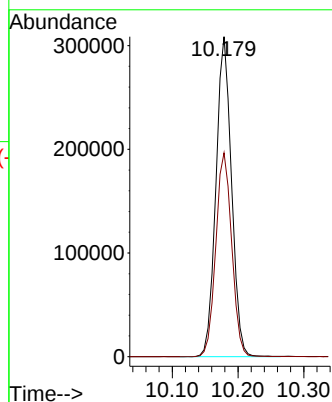
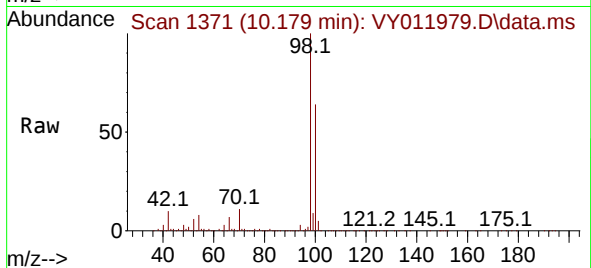




#50
Toluene-d8
Concen: 51.268 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

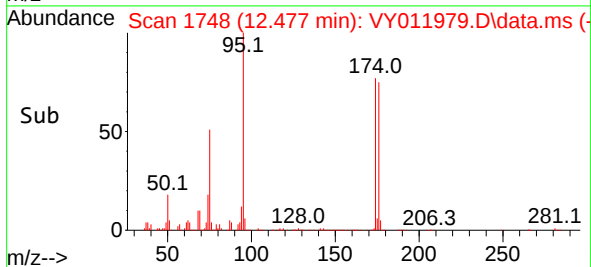
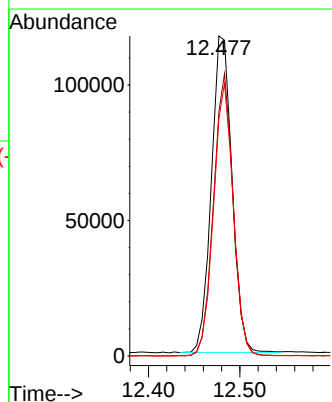
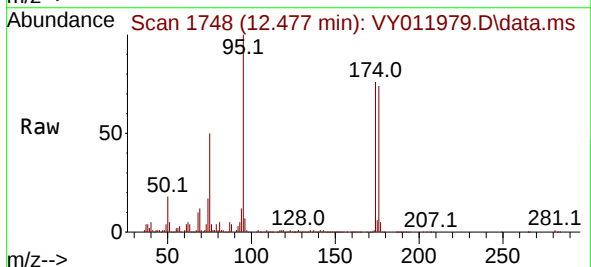
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

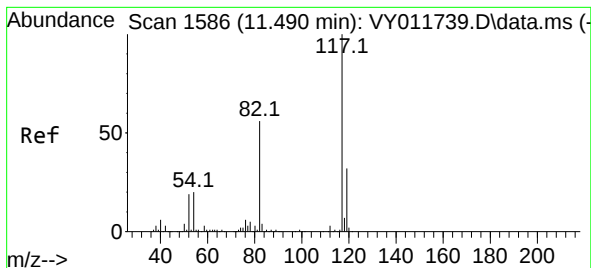
Tgt Ion: 98 Resp: 507840
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.896 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011979.D
Acq: 22 Dec 2022 16:58

Tgt Ion: 95 Resp: 182882
Ion Ratio Lower Upper
95 100
174 85.3 0.0 172.0
176 82.6 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011979.D

Acq: 22 Dec 2022 16:58

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

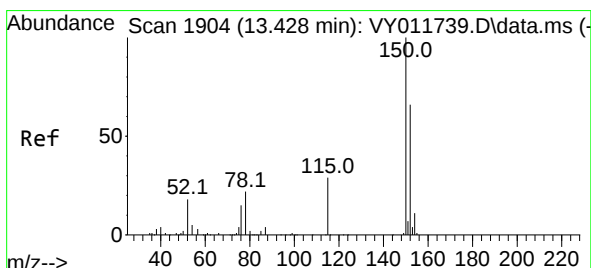
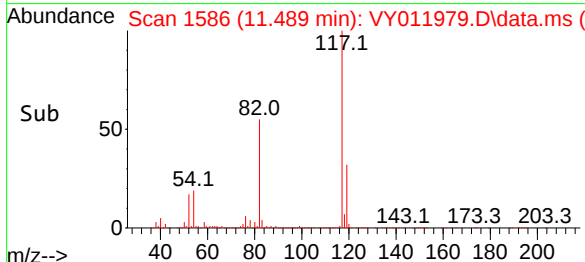
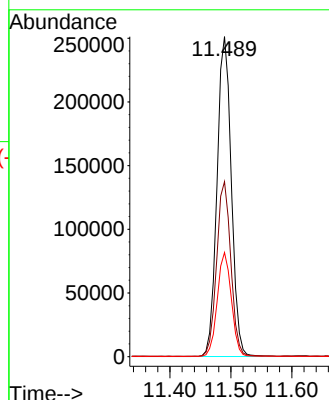
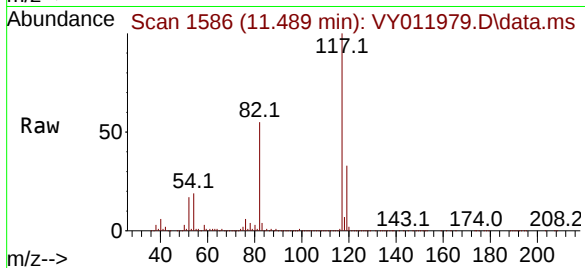
Tgt Ion:117 Resp: 407625

Ion Ratio Lower Upper

117 100

82 54.6 44.8 67.2

119 32.5 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011979.D

Acq: 22 Dec 2022 16:58

Tgt Ion:152 Resp: 188256

Ion Ratio Lower Upper

152 100

115 58.8 29.1 87.3

150 157.3 0.0 342.6

