

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011154.D
 Acq On : 28 Oct 2022 13:54
 Operator : KP/MD
 Sample : VY1028SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBL01

Quant Time: Oct 28 23:44:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	269833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	459389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	403077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140238	50.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.520%
35) Dibromofluoromethane	7.716	113	138002	48.849	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.700%
50) Toluene-d8	10.179	98	530666	47.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.477	95	161488	44.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.200%

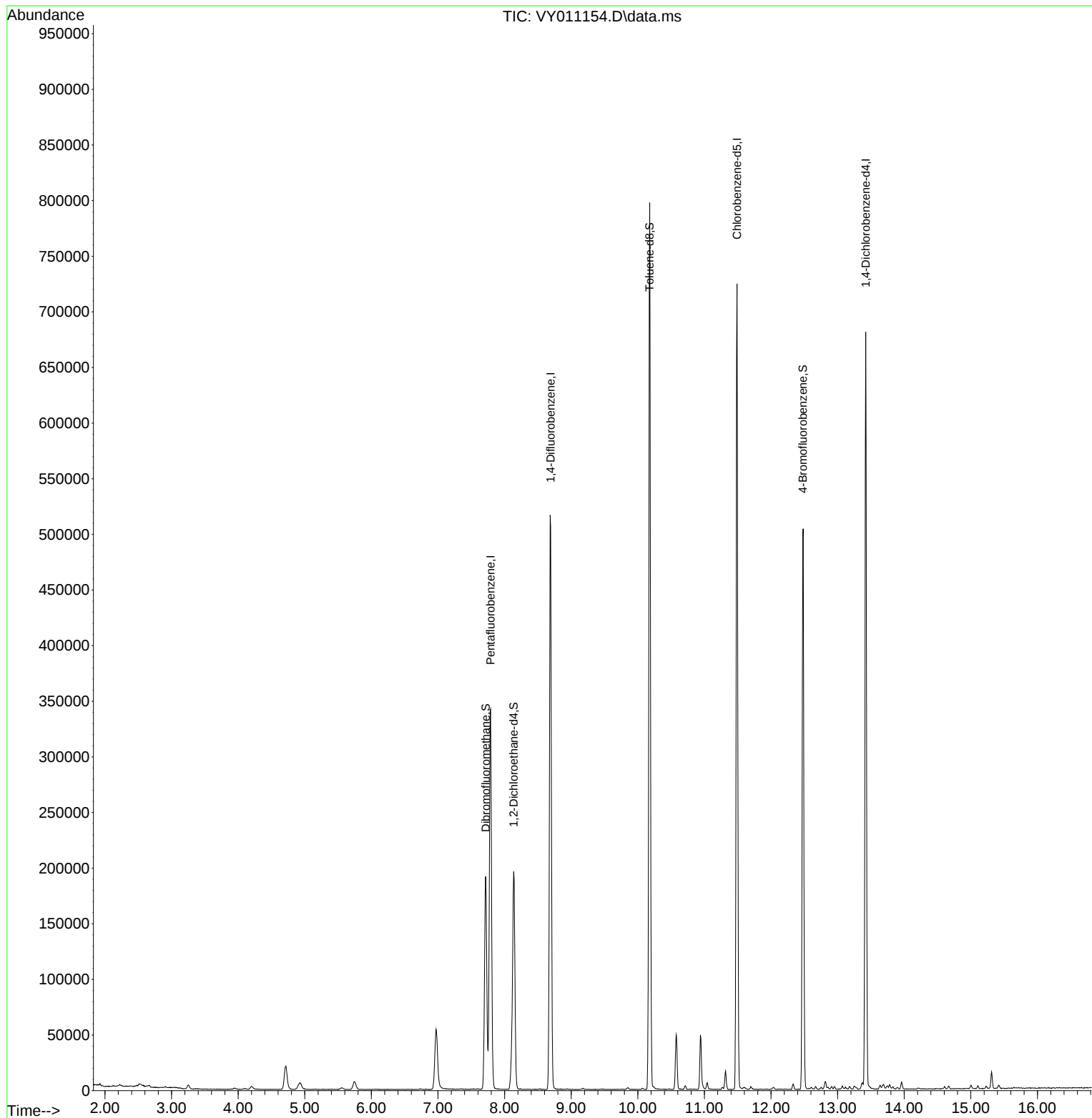
Target Compounds	Qvalue

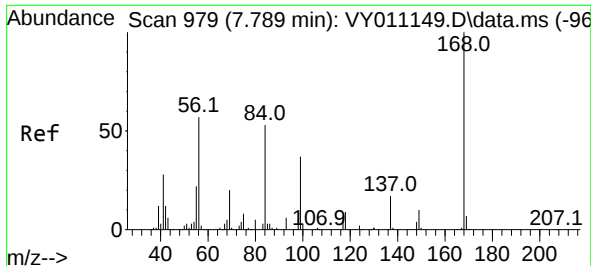
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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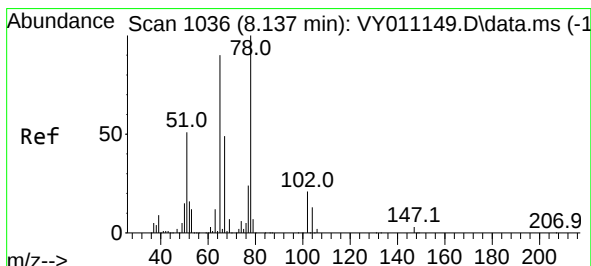
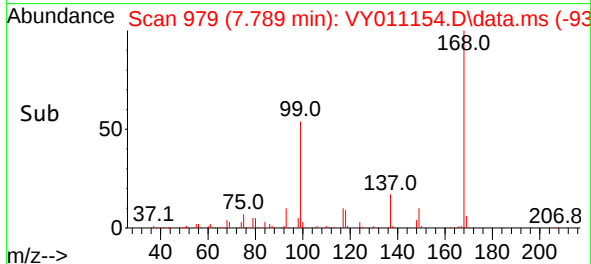
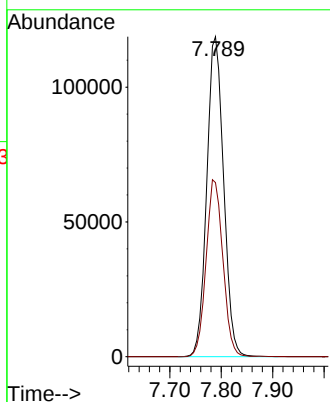
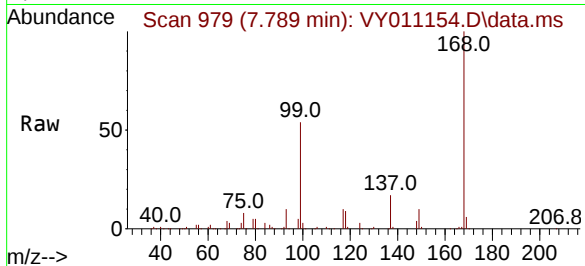




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011154.D
Acq: 28 Oct 2022 13:54

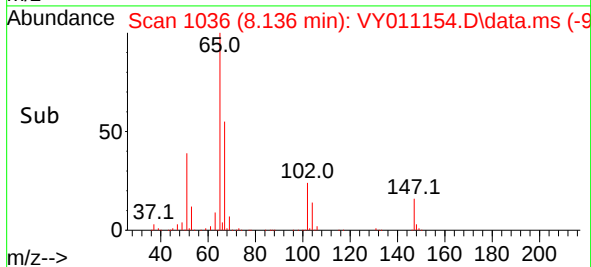
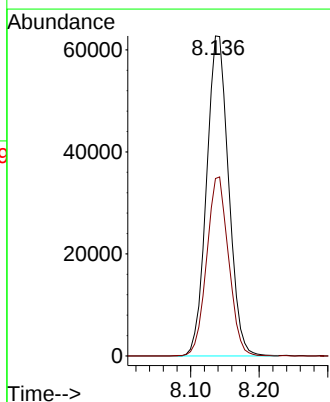
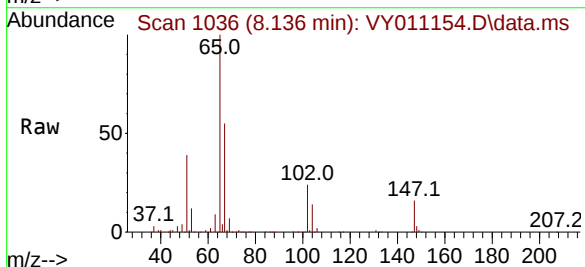
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

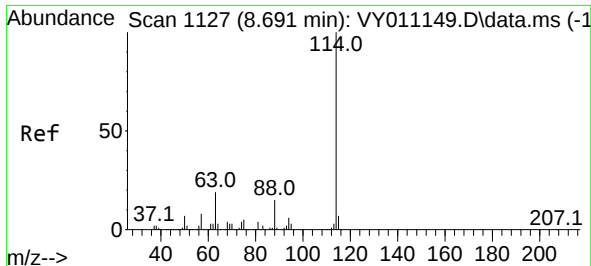
Tgt Ion:168 Resp: 269833
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.262 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY011154.D
Acq: 28 Oct 2022 13:54

Tgt Ion: 65 Resp: 140238
Ion Ratio Lower Upper
65 100
67 55.6 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: VY011154.D

Acq: 28 Oct 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBL01

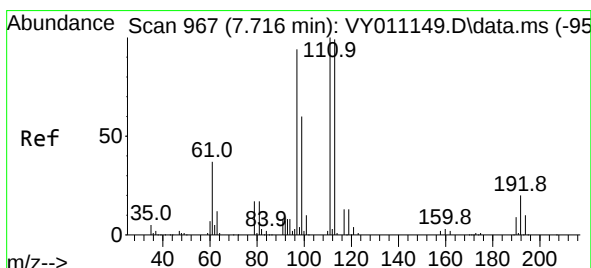
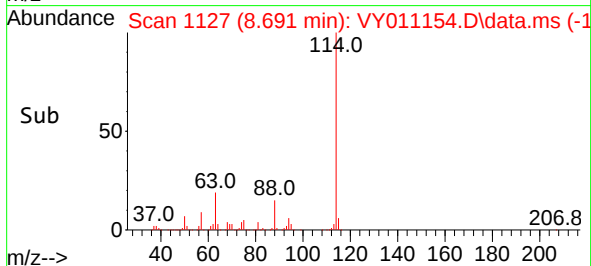
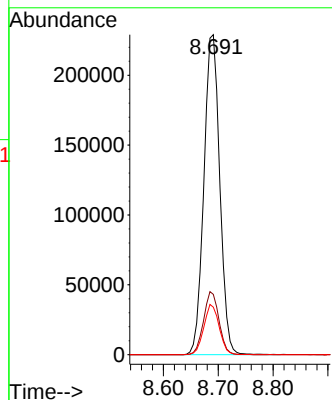
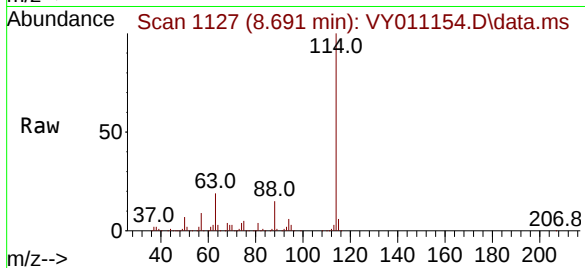
Tgt Ion:114 Resp: 459389

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.849 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011154.D

Acq: 28 Oct 2022 13:54

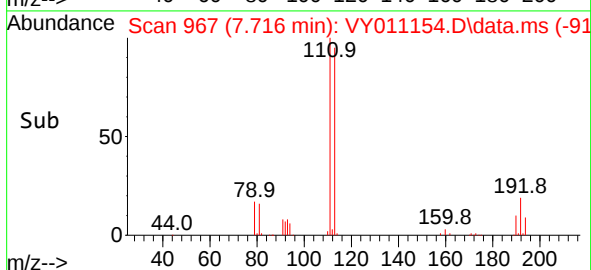
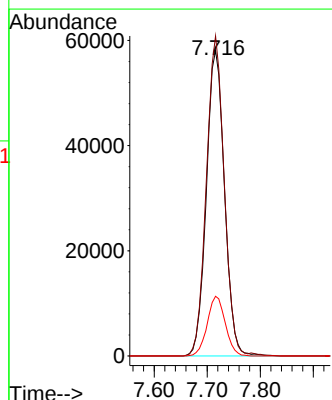
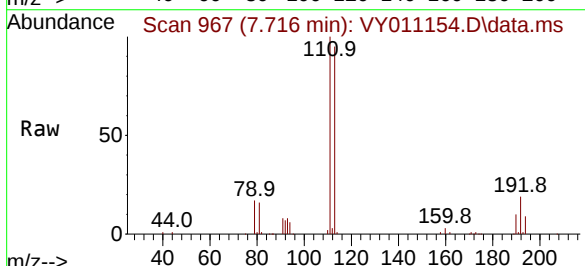
Tgt Ion:113 Resp: 138002

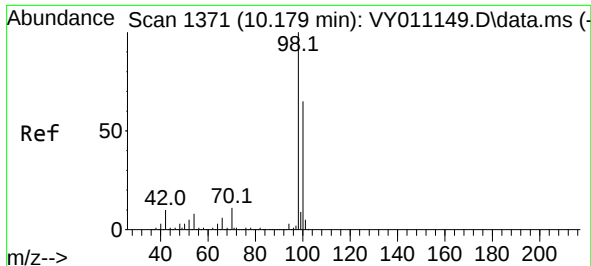
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.5 17.6 26.4

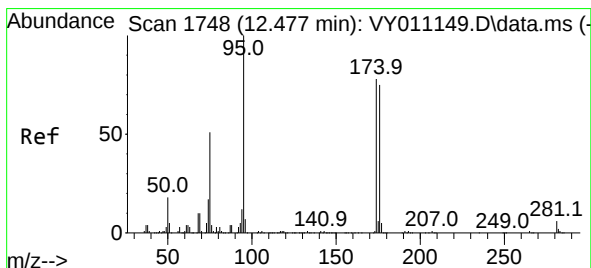
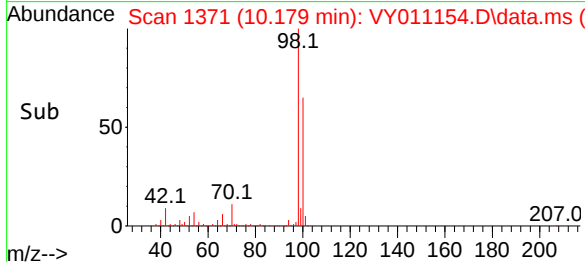
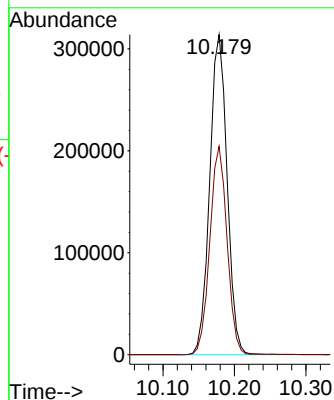
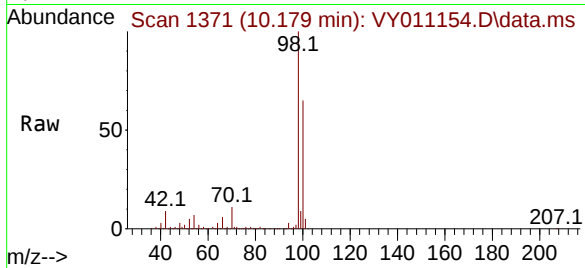




#50
Toluene-d8
Concen: 47.415 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011154.D
Acq: 28 Oct 2022 13:54

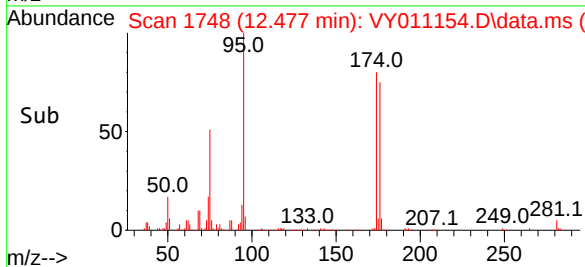
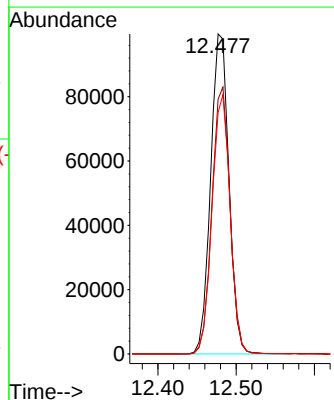
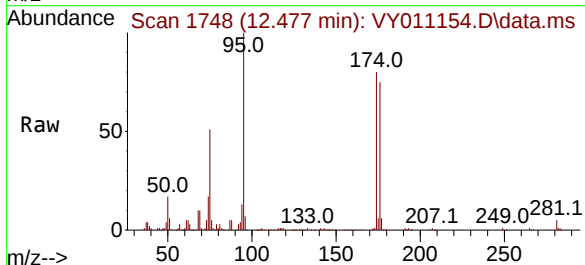
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

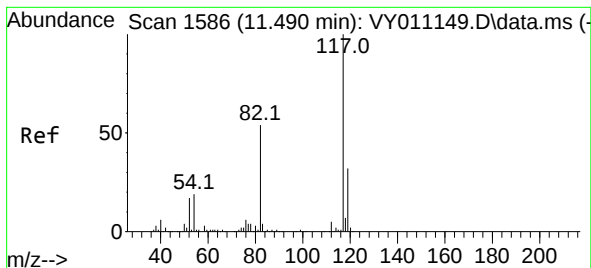
Tgt Ion: 98 Resp: 530666
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.097 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY011154.D
Acq: 28 Oct 2022 13:54

Tgt Ion: 95 Resp: 161488
Ion Ratio Lower Upper
95 100
174 82.4 0.0 177.0
176 79.9 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: VY011154.D

Acq: 28 Oct 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBL01

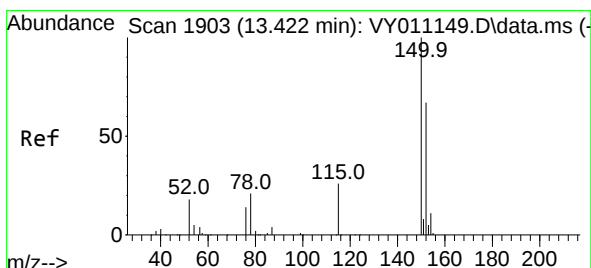
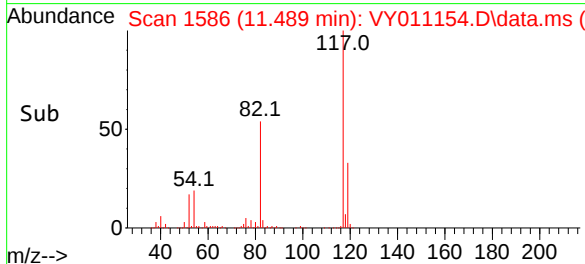
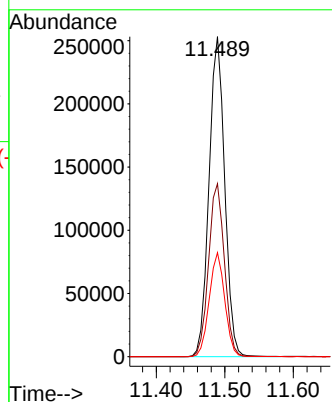
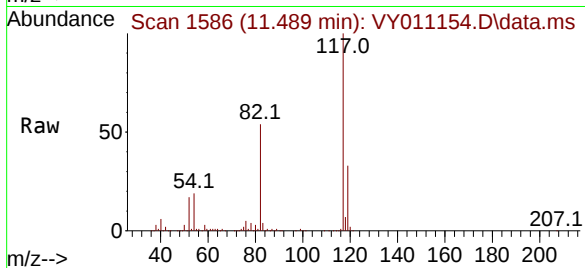
Tgt Ion:117 Resp: 403077

Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

119 32.5 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: VY011154.D

Acq: 28 Oct 2022 13:54

Tgt Ion:152 Resp: 177359

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 159.0 0.0 347.6

