

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007693.D
 Acq On : 03 Mar 2022 10:22
 Operator : SY/MD
 Sample : VY0303SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBL01

Quant Time: Mar 04 00:39:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	265647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	481183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	483195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217766	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	156068	56.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.240%
35) Dibromofluoromethane	7.722	113	159860	51.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.920%
50) Toluene-d8	10.179	98	608323	53.719	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.440%
62) 4-Bromofluorobenzene	12.477	95	197446	54.090	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.180%

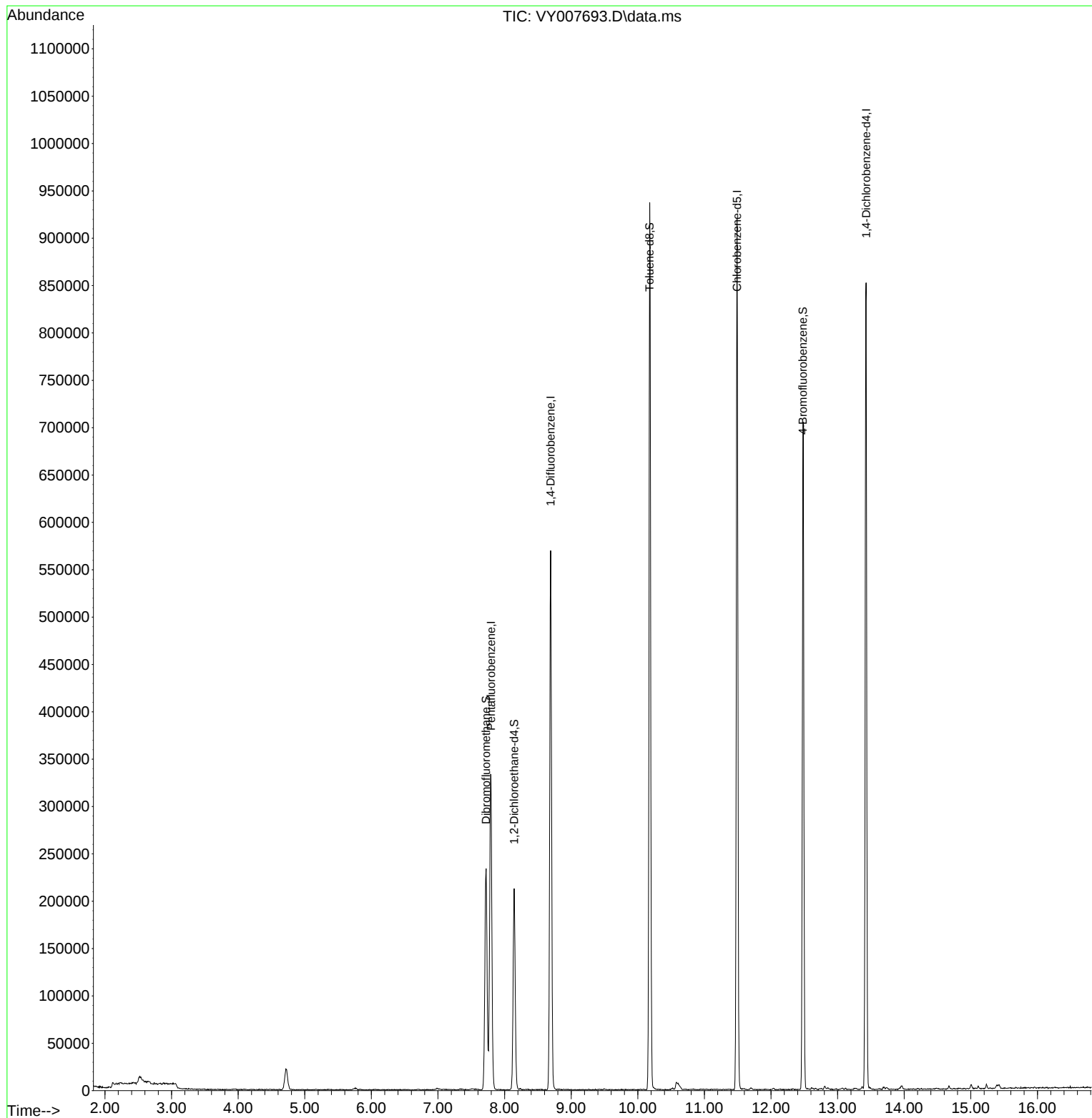
Target Compounds	Qvalue

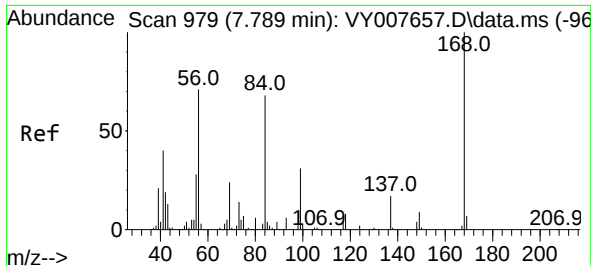
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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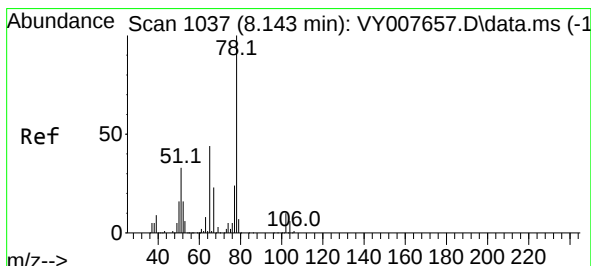
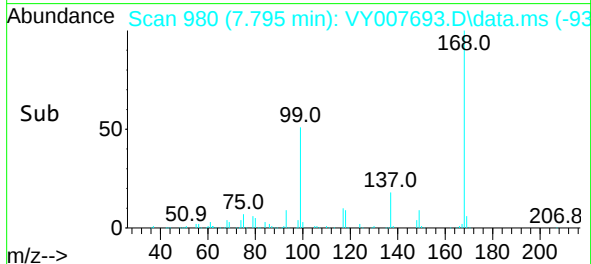
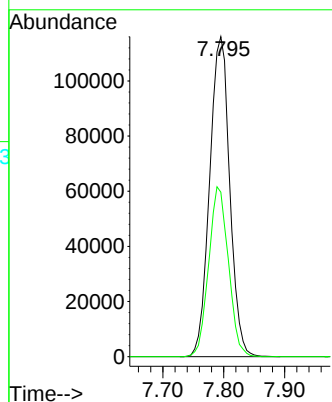
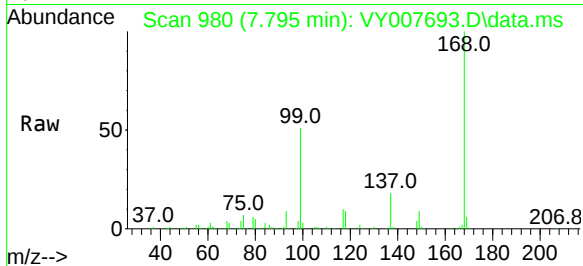




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

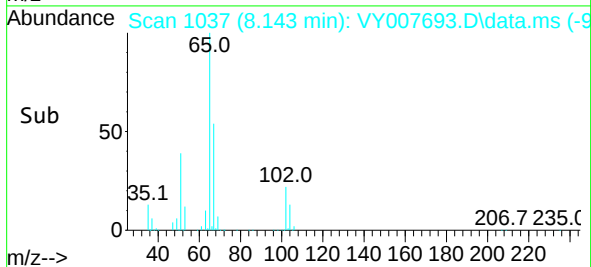
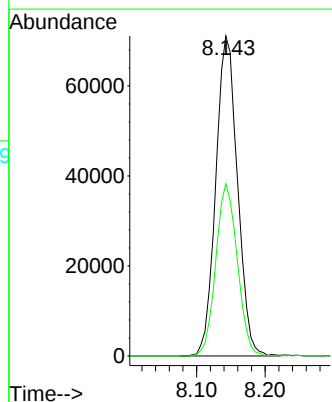
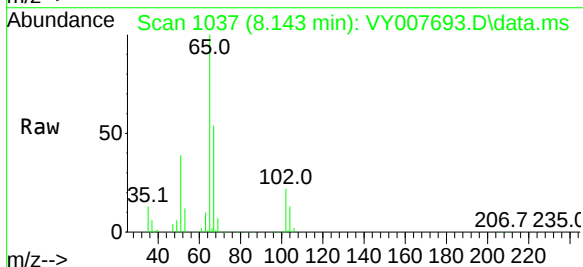
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL01

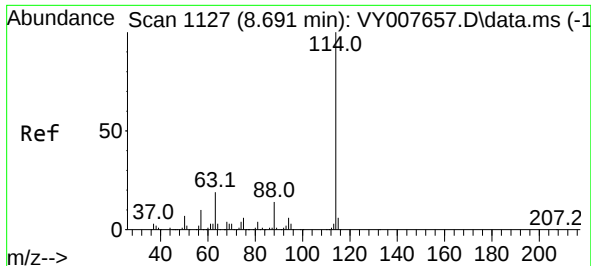
Tgt Ion:168 Resp: 265647
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.118 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

Tgt Ion: 65 Resp: 156068
Ion Ratio Lower Upper
65 100
67 53.3 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: VY007693.D

Acq: 03 Mar 2022 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBL01

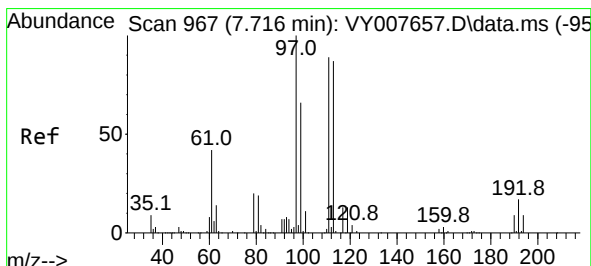
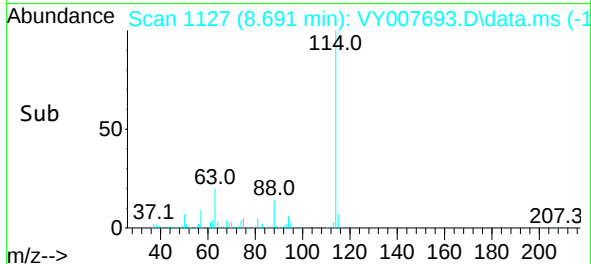
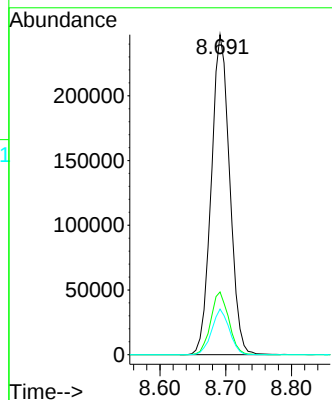
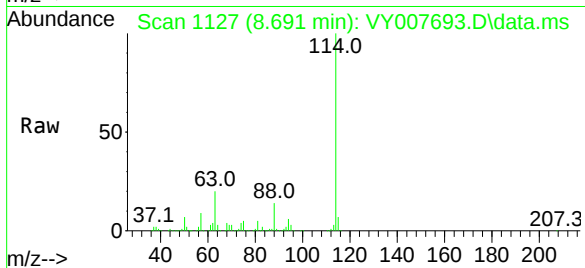
Tgt Ion:114 Resp: 481183

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.964 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007693.D

Acq: 03 Mar 2022 10:22

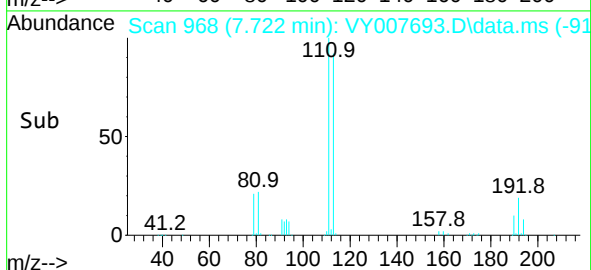
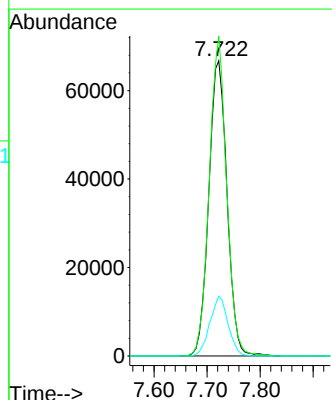
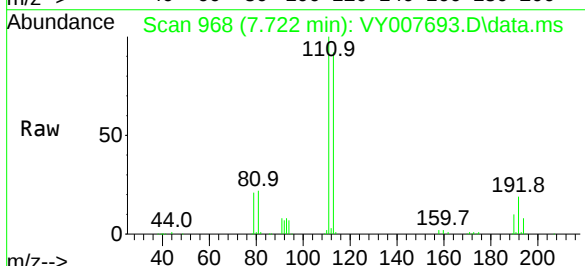
Tgt Ion:113 Resp: 159860

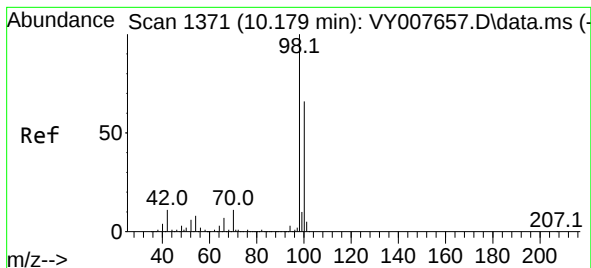
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 20.1 17.6 26.4

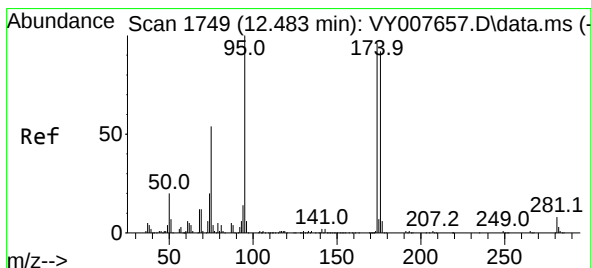
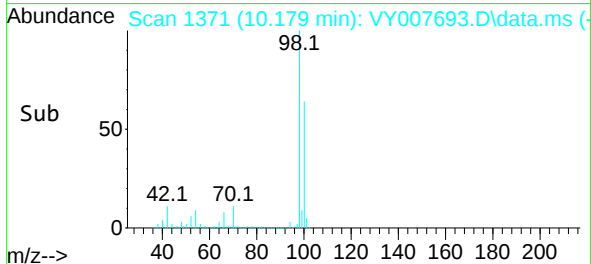
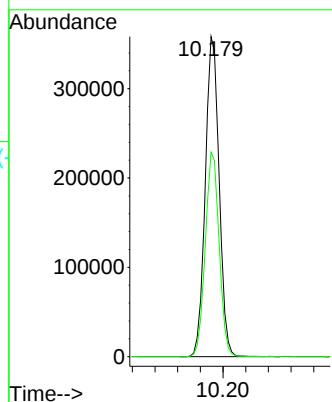
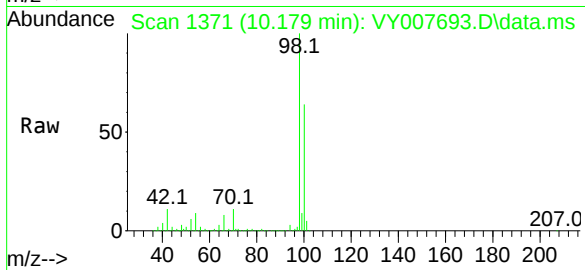




#50
Toluene-d8
Concen: 53.719 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

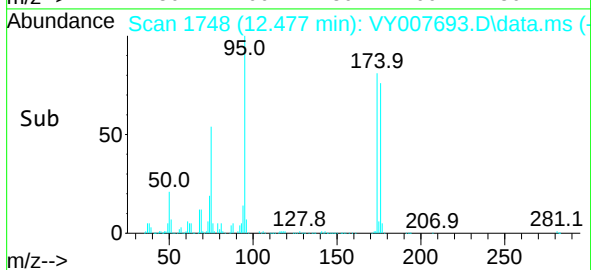
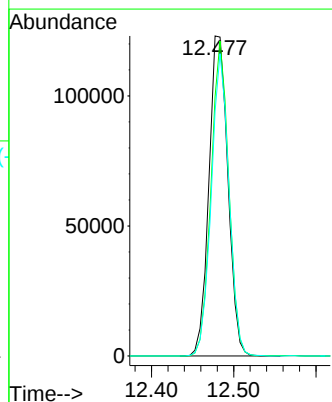
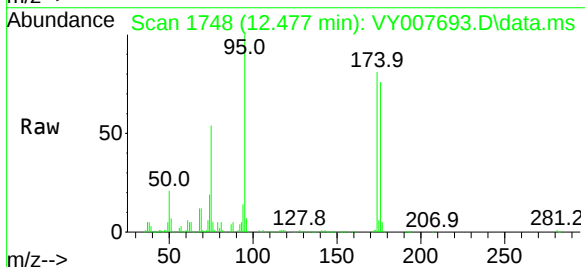
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL01

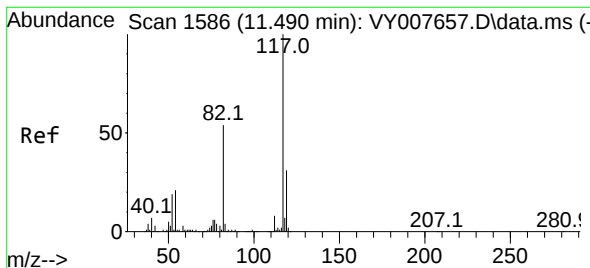
Tgt Ion: 98 Resp: 608323
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.090 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007693.D
Acq: 03 Mar 2022 10:22

Tgt Ion: 95 Resp: 197446
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 88.2 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: VY007693.D

Acq: 03 Mar 2022 10:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBL01

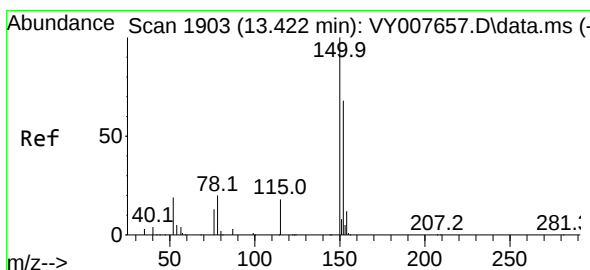
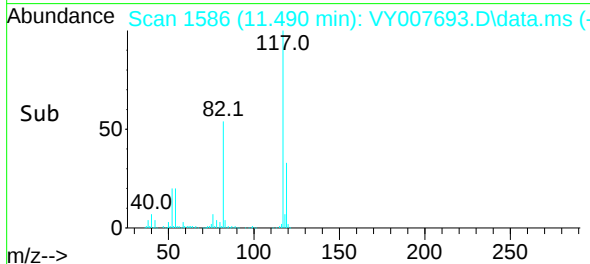
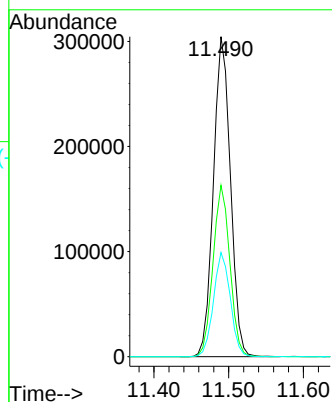
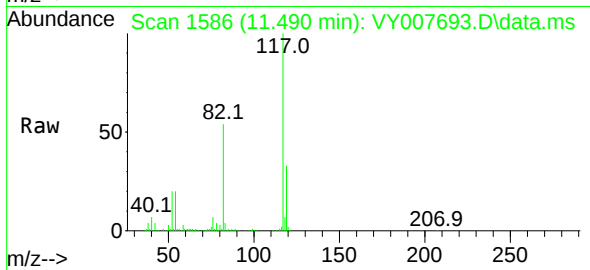
Tgt Ion:117 Resp: 483195

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 32.6 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: VY007693.D

Acq: 03 Mar 2022 10:22

Tgt Ion:152 Resp: 217766

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 157.9 0.0 347.6

