

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010120.D
 Acq On : 19 Aug 2022 22:32
 Operator : KP/MD
 Sample : VY0819SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBL02

Quant Time: Aug 22 02:47:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	186684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	355495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	349141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161994	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	101805	66.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.160%
35) Dibromofluoromethane	7.710	113	100770	50.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.173	98	371794	49.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.477	95	120546	44.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.900%

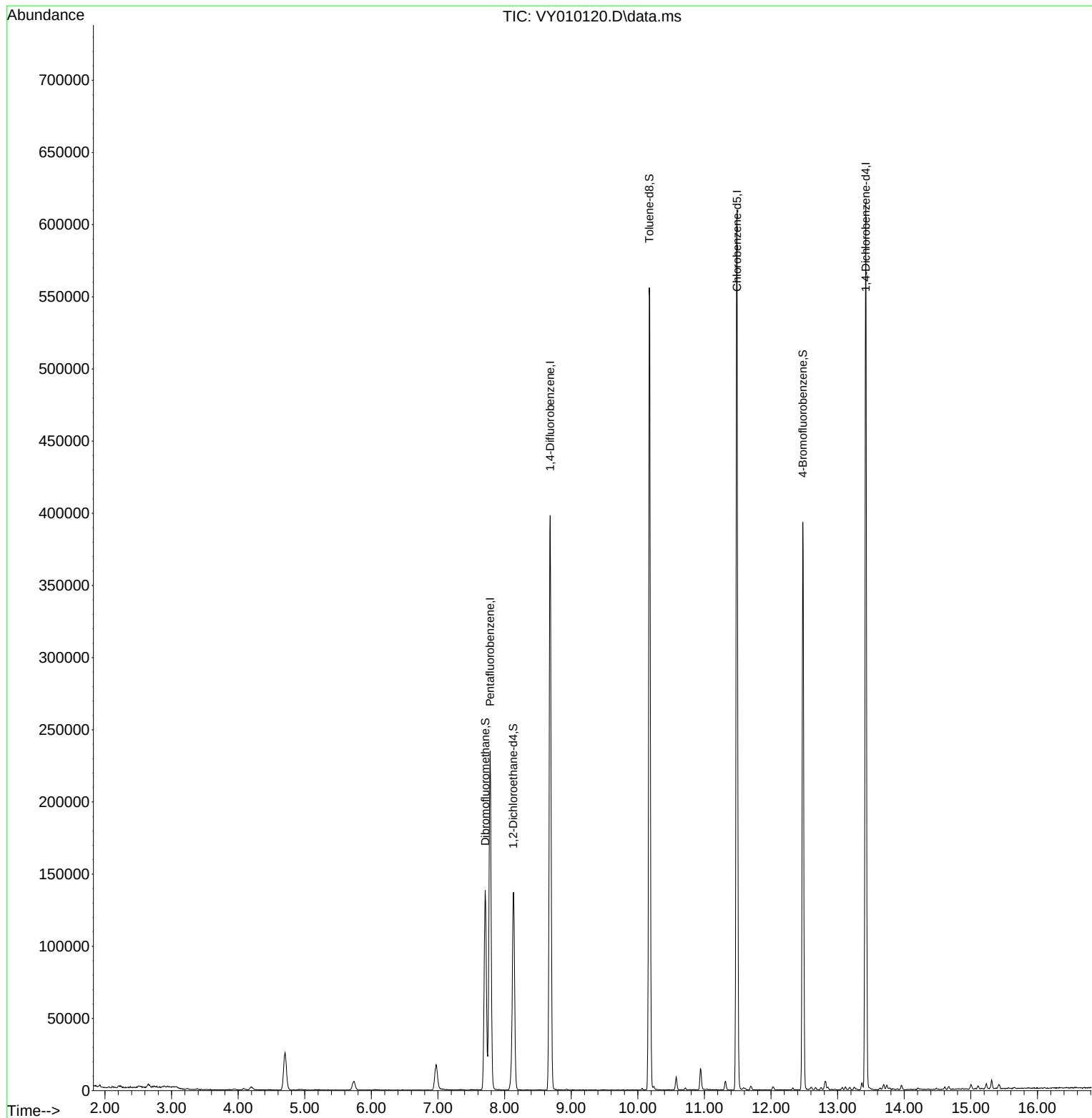
Target Compounds	Qvalue

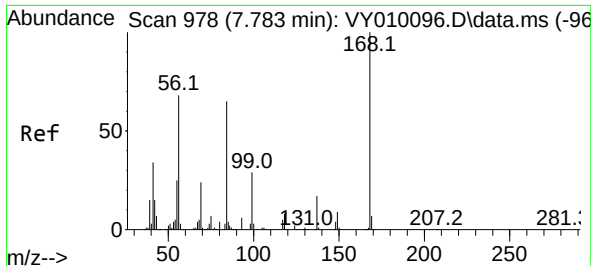
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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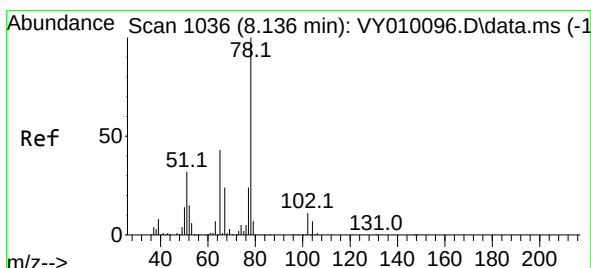
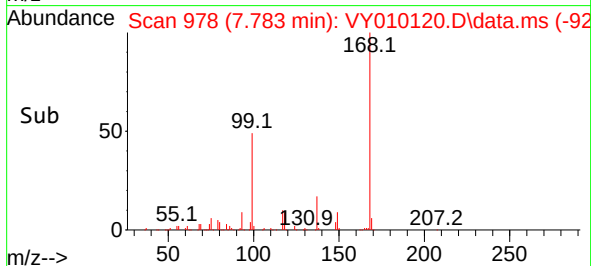
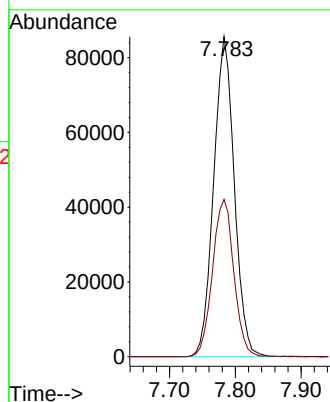
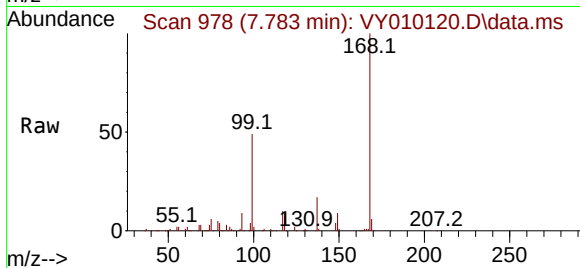




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

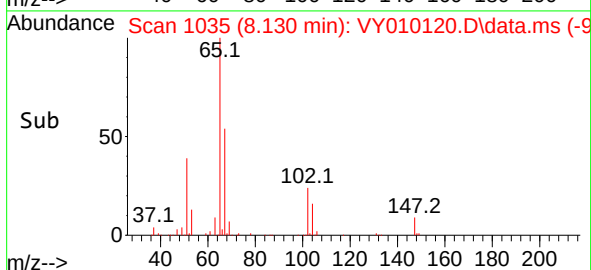
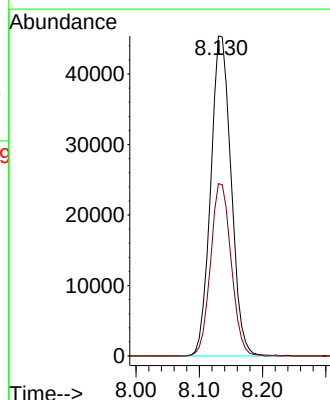
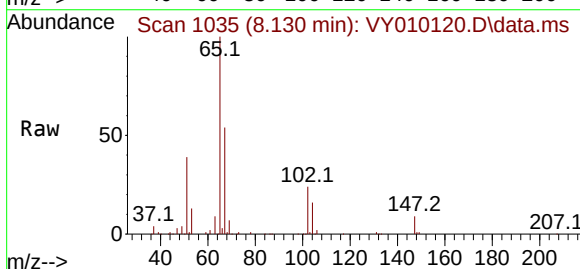
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL02

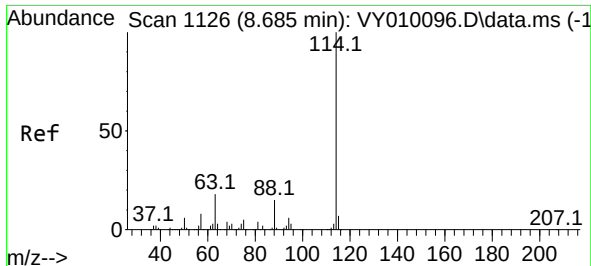
Tgt Ion:168 Resp: 186684
Ion Ratio Lower Upper
168 100
99 49.1 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 66.578 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

Tgt Ion: 65 Resp: 101805
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010120.D

Acq: 19 Aug 2022 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBL02

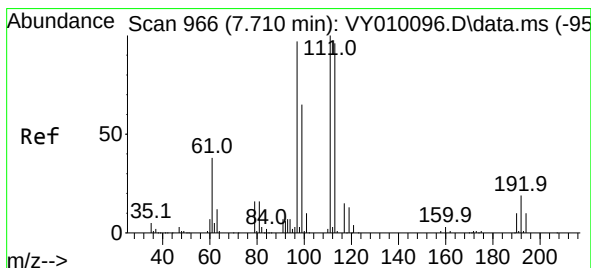
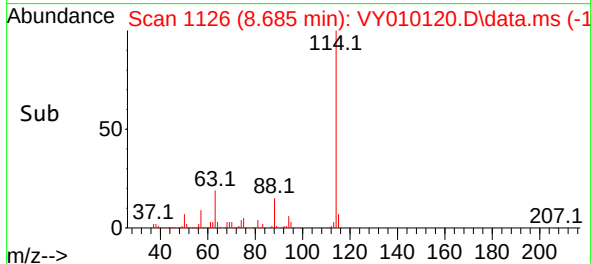
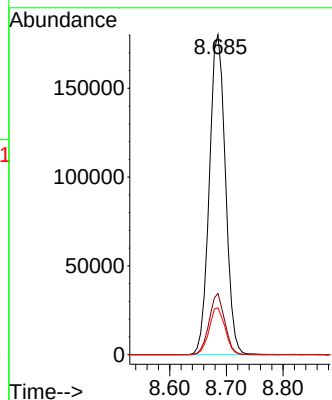
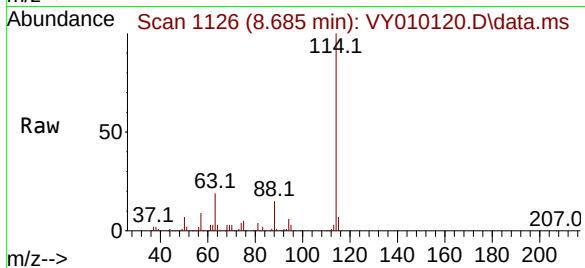
Tgt Ion:114 Resp: 355495

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

88 14.7 0.0 29.6



#35

Dibromofluoromethane

Concen: 50.306 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010120.D

Acq: 19 Aug 2022 22:32

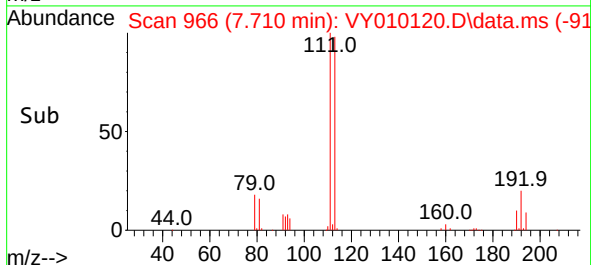
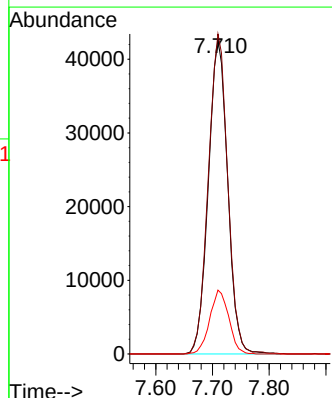
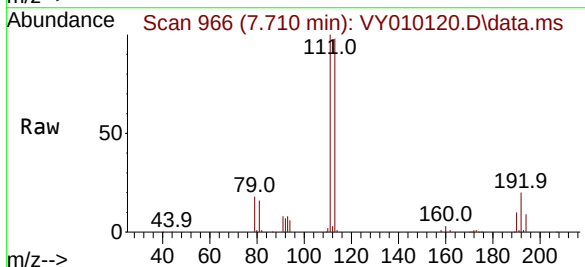
Tgt Ion:113 Resp: 100770

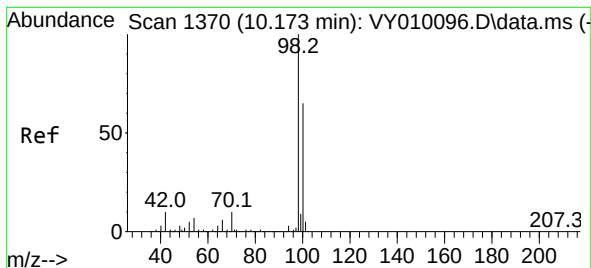
Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 20.1 16.3 24.5

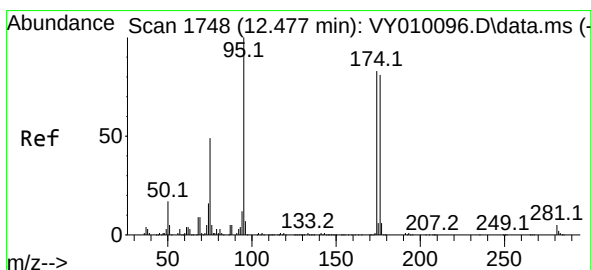
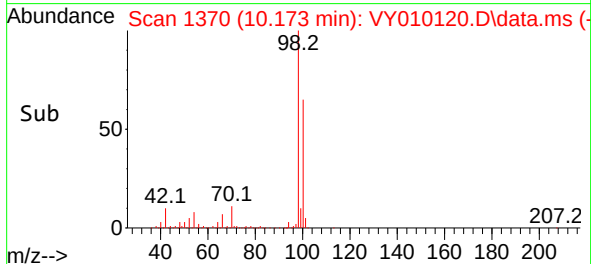
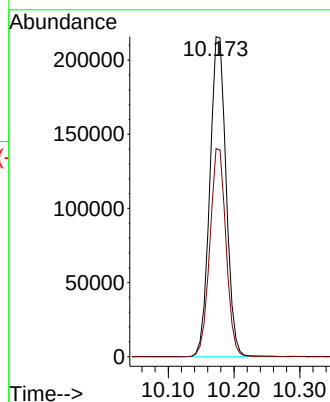
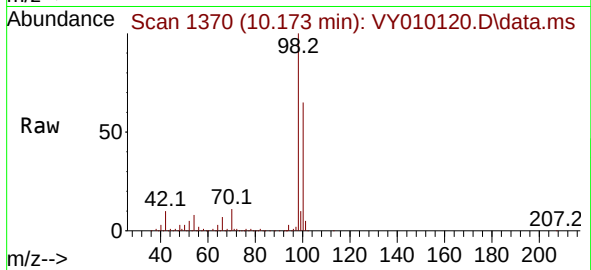




#50
Toluene-d8
Concen: 49.533 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

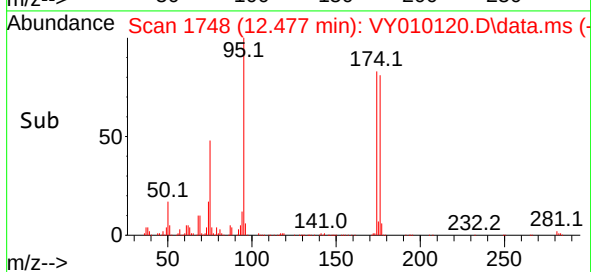
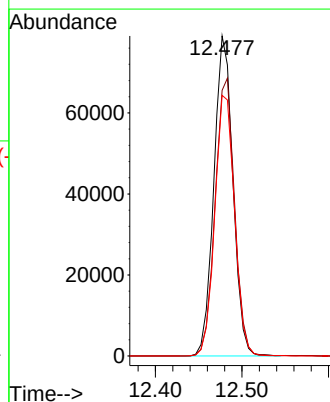
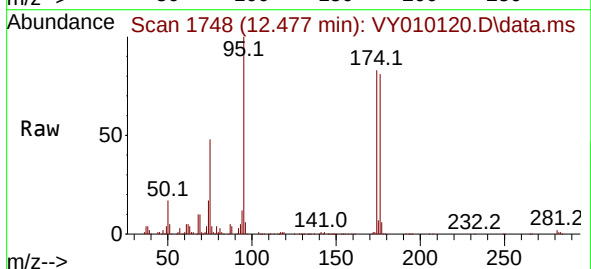
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL02

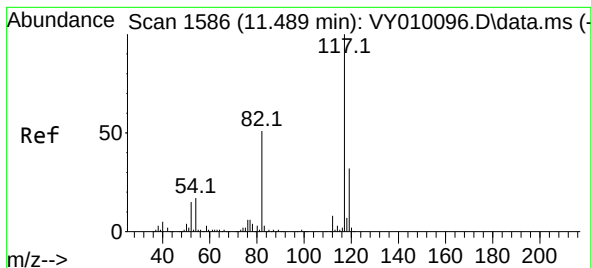
Tgt Ion: 98 Resp: 371794
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.949 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010120.D
Acq: 19 Aug 2022 22:32

Tgt Ion: 95 Resp: 120546
Ion Ratio Lower Upper
95 100
174 88.8 0.0 173.8
176 84.6 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010120.D

Acq: 19 Aug 2022 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBL02

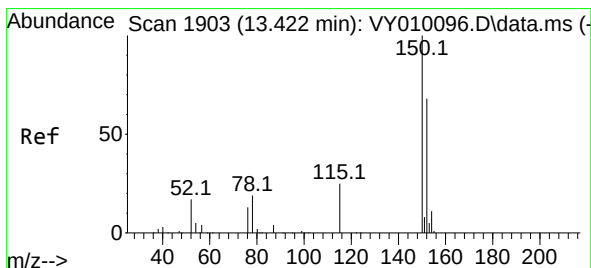
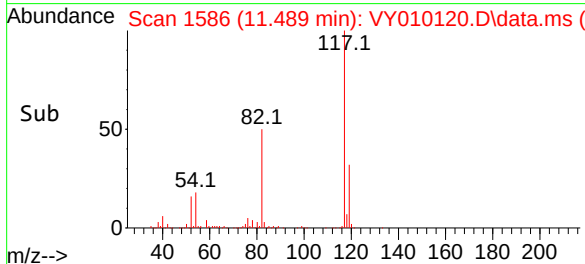
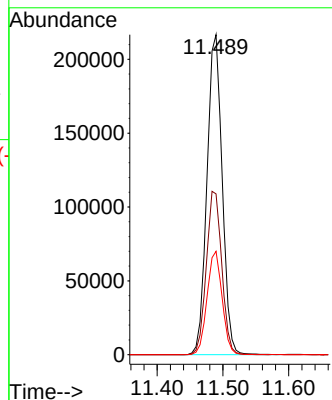
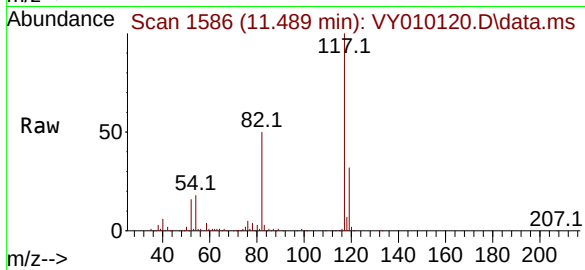
Tgt Ion:117 Resp: 349141

Ion Ratio Lower Upper

117 100

82 50.3 40.6 61.0

119 32.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010120.D

Acq: 19 Aug 2022 22:32

Tgt Ion:152 Resp: 161994

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.2

150 155.2 0.0 346.2

