

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010046.D
 Acq On : 16 Aug 2022 16:04
 Operator : KP/MD
 Sample : N4197-04
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-203-IDWSO-20220811-3

Quant Time: Aug 16 16:55:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	79320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54532	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42487	53.571	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.140%
35) Dibromofluoromethane	7.709	113	41373	49.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.040%
50) Toluene-d8	10.178	98	146326	47.338	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.483	95	44481	40.970	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.940%

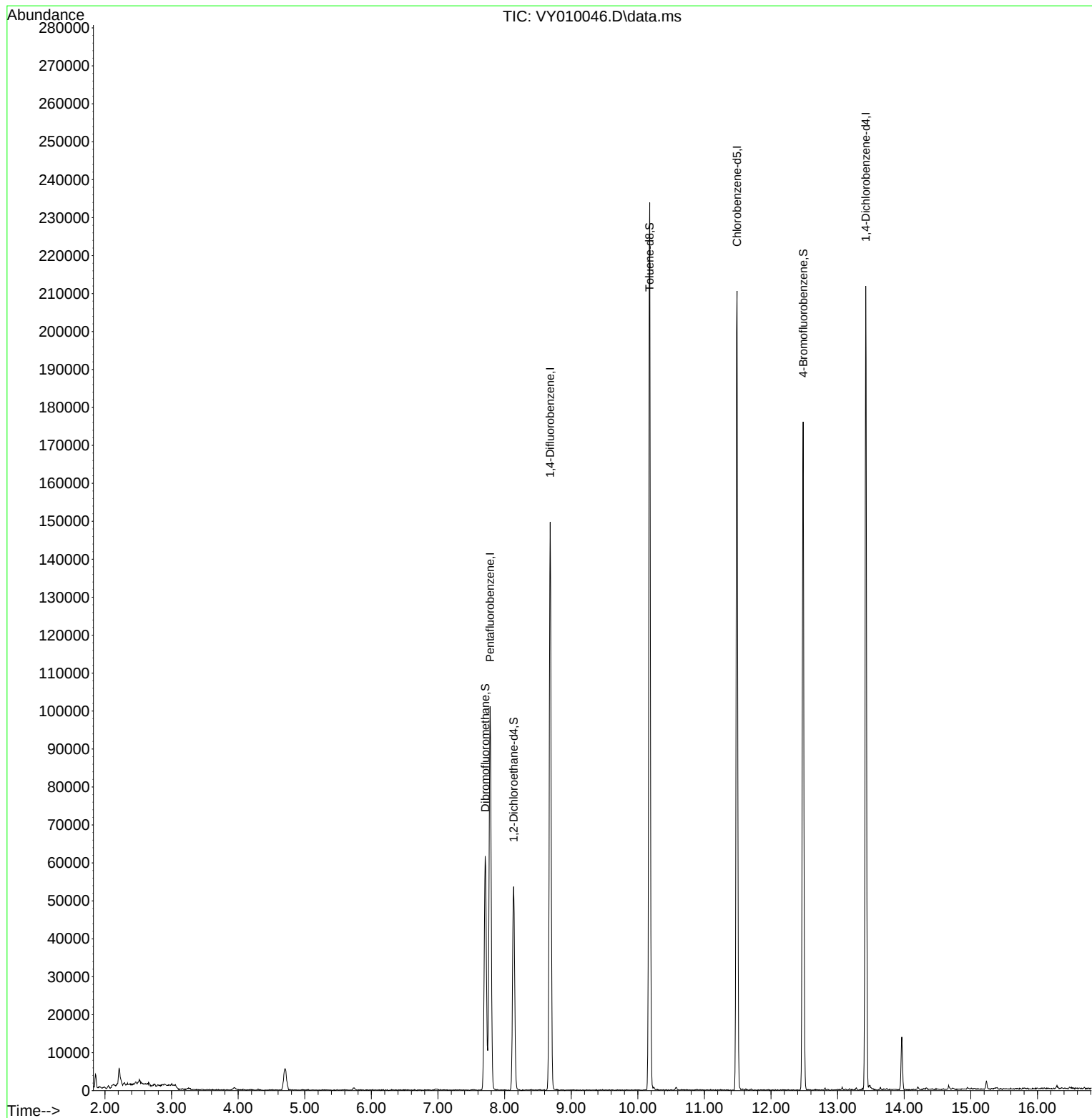
Target Compounds	Qvalue

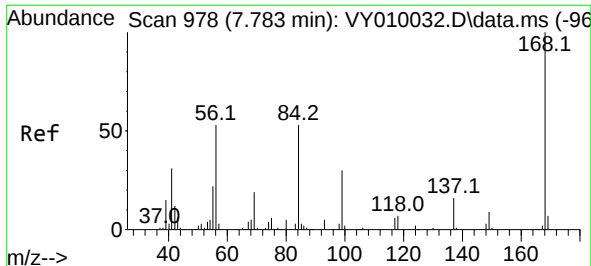
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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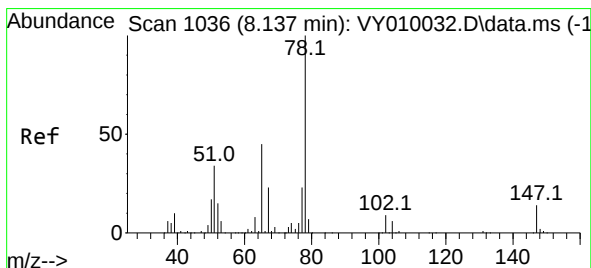
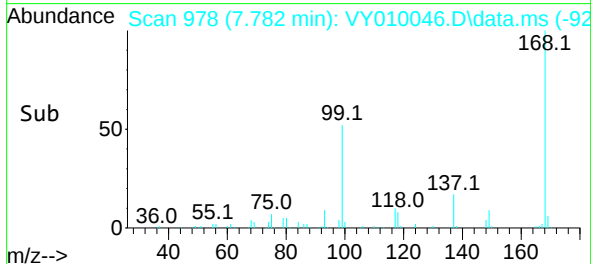
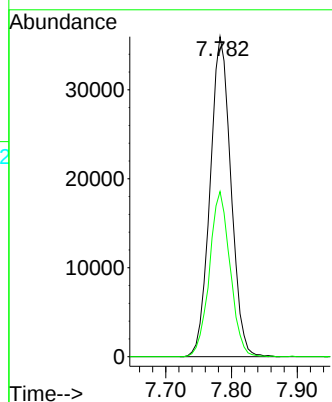
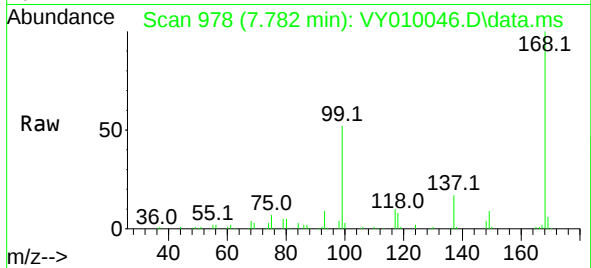




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

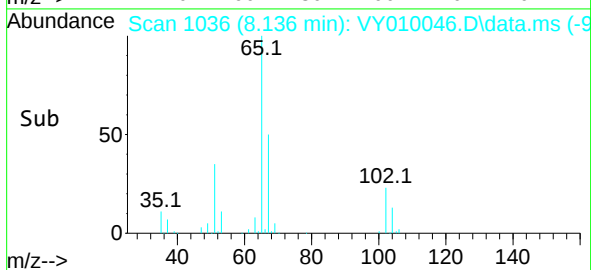
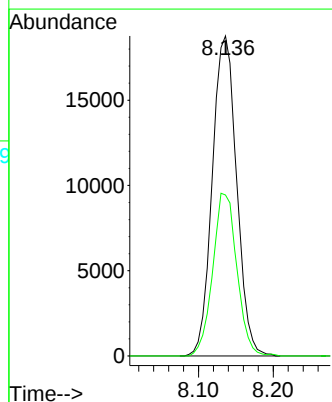
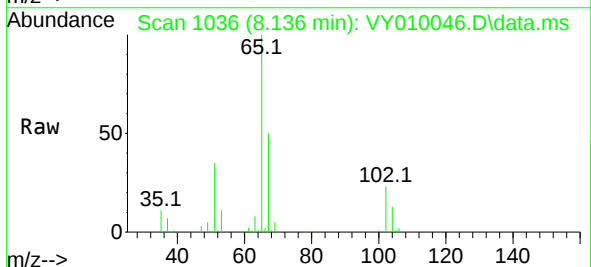
Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-3

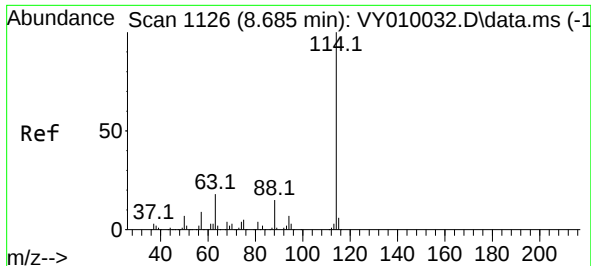
Tgt Ion:168 Resp: 79320
Ion Ratio Lower Upper
168 100
99 51.6 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 53.571 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

Tgt Ion: 65 Resp: 42487
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010046.D

Acq: 16 Aug 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

TT-203-IDWSO-20220811-3

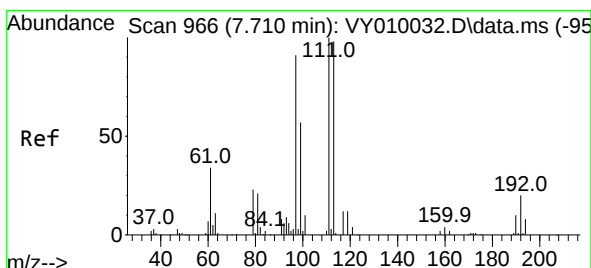
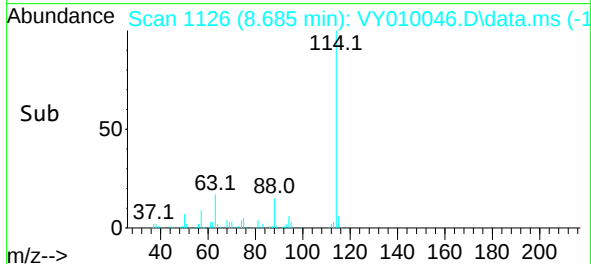
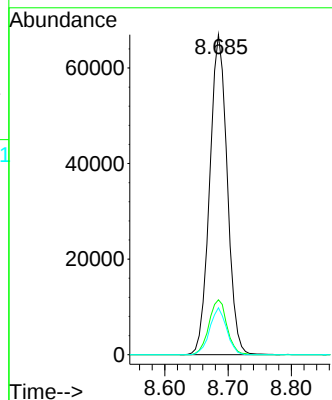
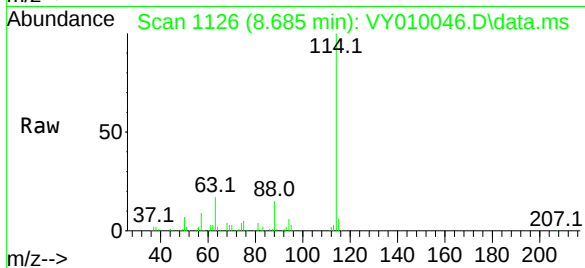
Tgt Ion:114 Resp: 128835

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.2

88 14.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.519 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010046.D

Acq: 16 Aug 2022 16:04

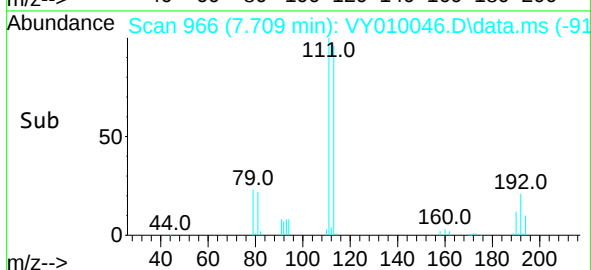
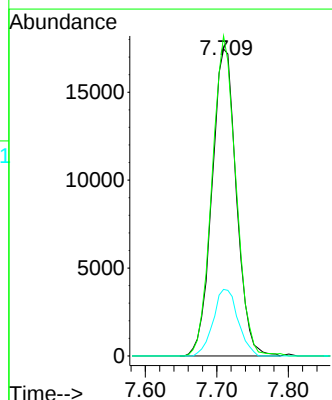
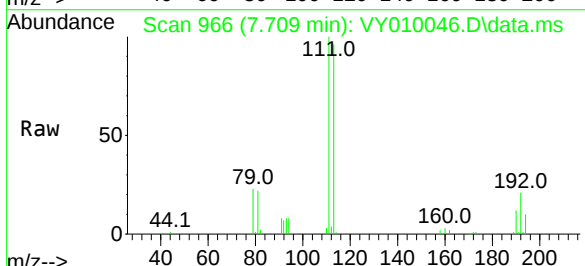
Tgt Ion:113 Resp: 41373

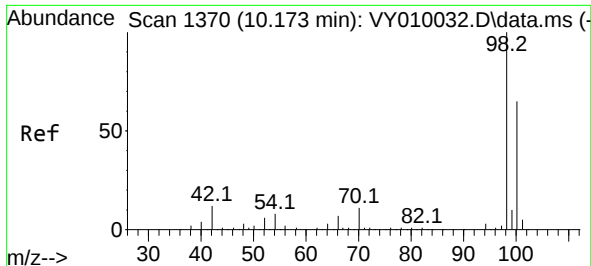
Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

192 22.0 17.2 25.8

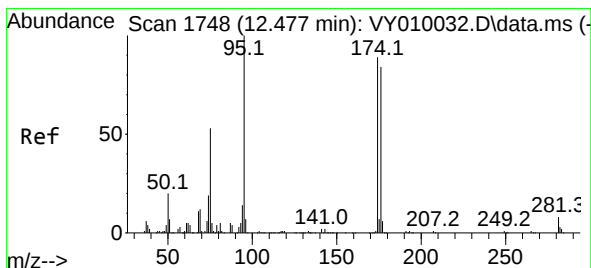
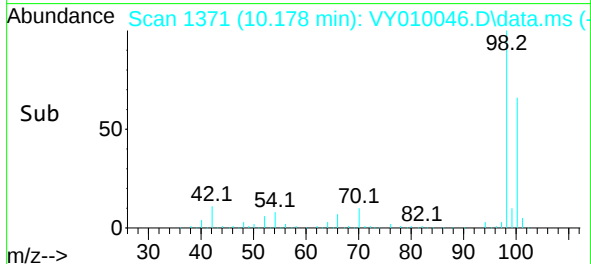
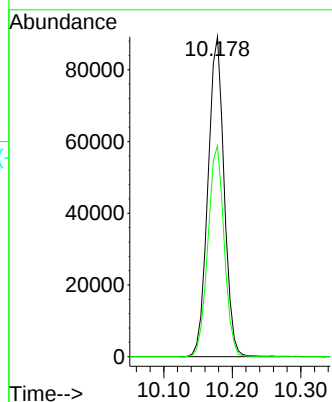
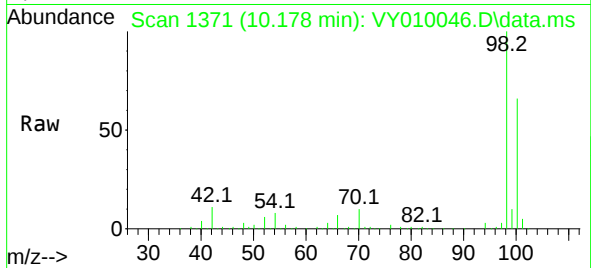




#50
Toluene-d8
Concen: 47.338 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

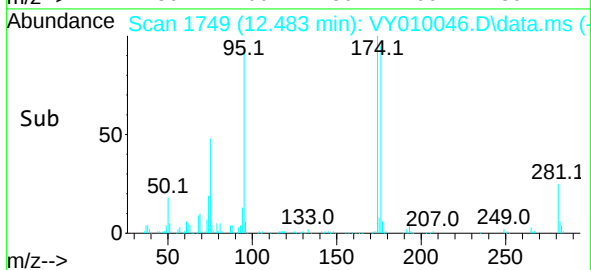
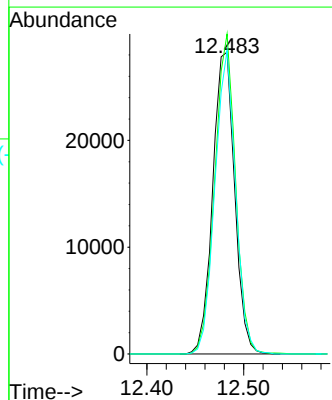
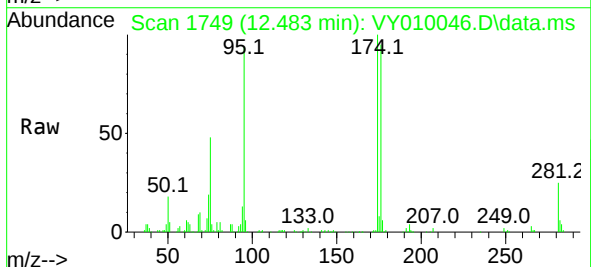
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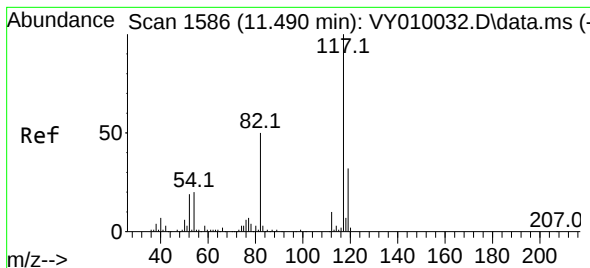
Tgt Ion: 98 Resp: 146326
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

Tgt Ion: 95 Resp: 44481
Ion Ratio Lower Upper
95 100
174 100.7 0.0 184.2
176 94.7 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010046.D

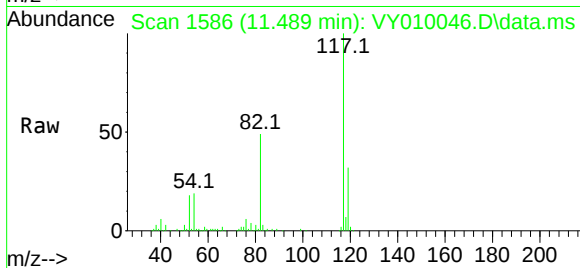
Acq: 16 Aug 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

TT-203-IDWSO-20220811-3



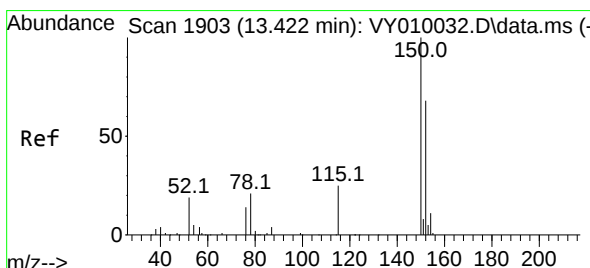
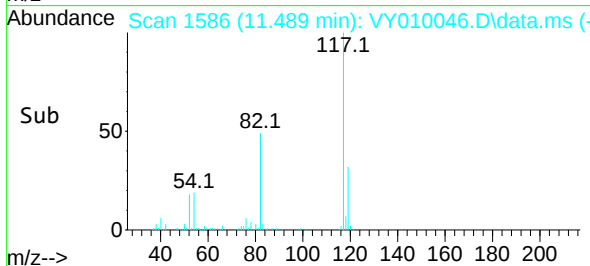
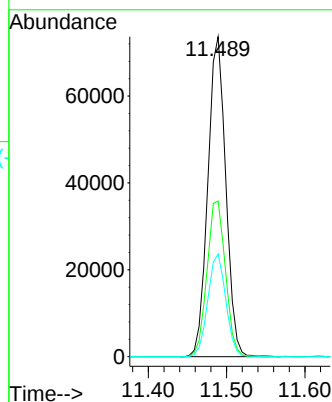
Tgt Ion:117 Resp: 116957

Ion Ratio Lower Upper

117 100

82 48.6 39.8 59.6

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010046.D

Acq: 16 Aug 2022 16:04

Tgt Ion:152 Resp: 54532

Ion Ratio Lower Upper

152 100

115 54.7 28.1 84.3

150 155.6 0.0 346.6

