

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008683.D
 Acq On : 10 May 2022 16:34
 Operator : KP/MD
 Sample : N2712-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

Quant Time: May 11 04:32:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	235961	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	392081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	357101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163888	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108576	53.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.400%
35) Dibromofluoromethane	7.716	113	121155	50.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.280%
50) Toluene-d8	10.179	98	450687	52.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.860%
62) 4-Bromofluorobenzene	12.483	95	144852	47.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.580%

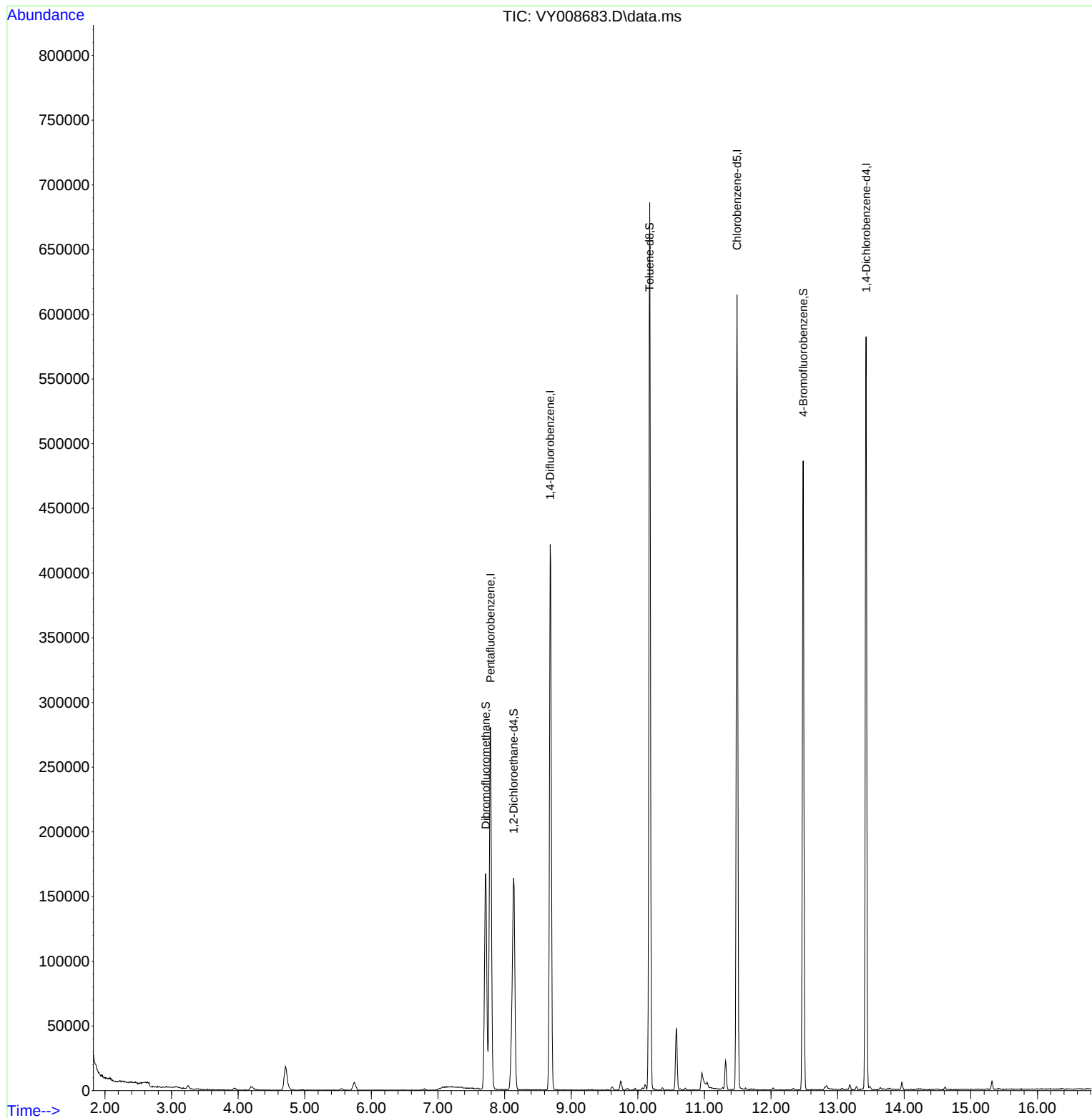
Target Compounds	Qvalue

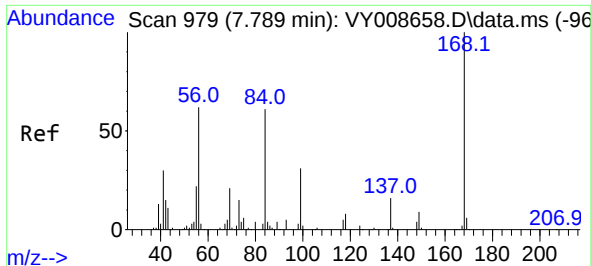
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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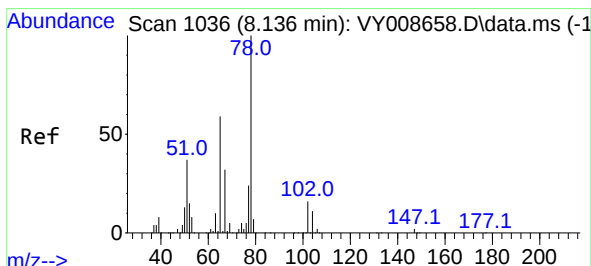
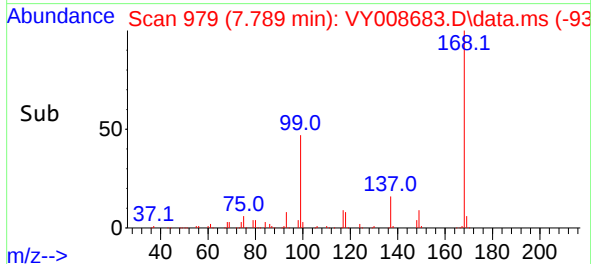
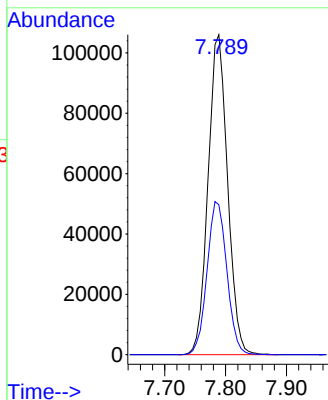
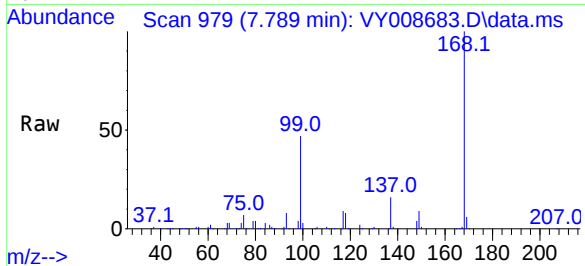




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

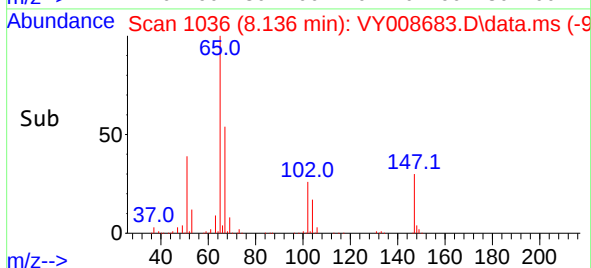
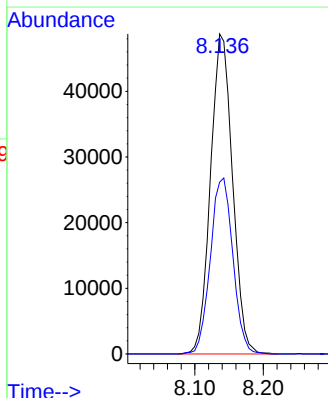
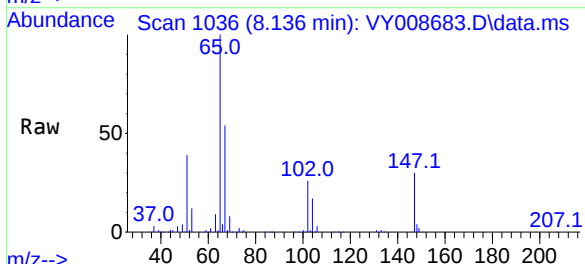
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

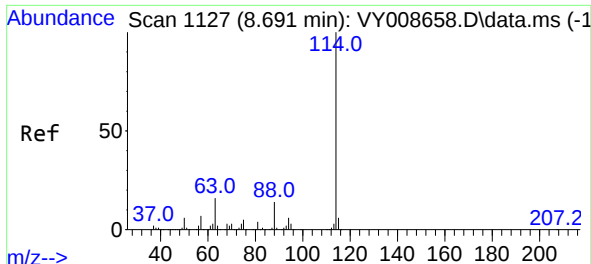
Tgt Ion:168 Resp: 235961
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 53.702 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

Tgt Ion: 65 Resp: 108576
Ion Ratio Lower Upper
65 100
67 56.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008683.D

Acq: 10 May 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

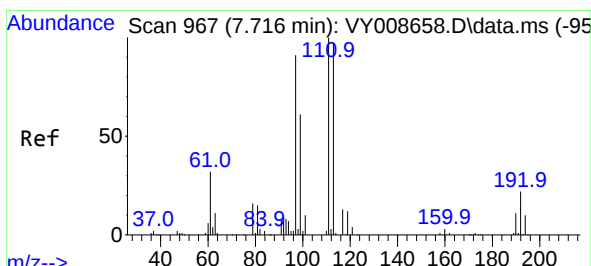
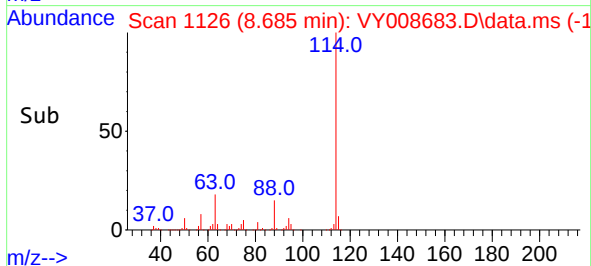
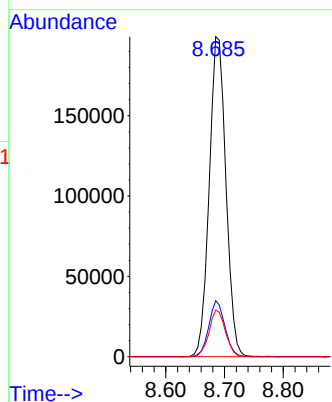
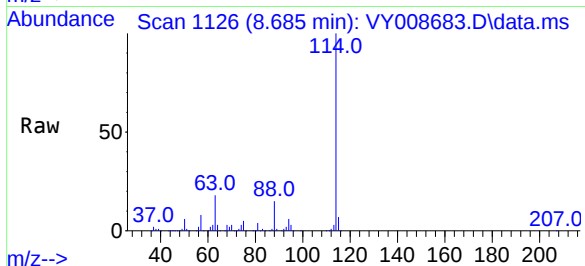
Tgt Ion:114 Resp: 392081

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.143 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008683.D

Acq: 10 May 2022 16:34

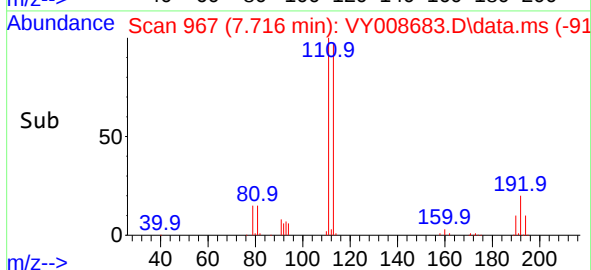
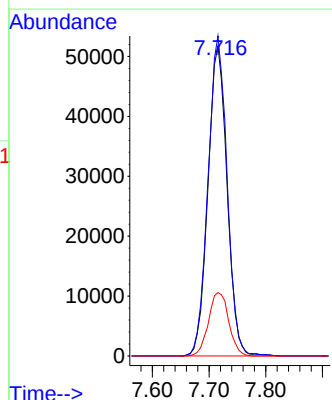
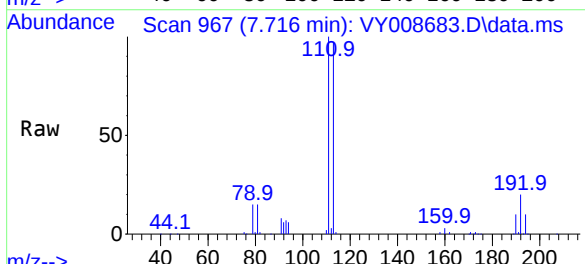
Tgt Ion:113 Resp: 121155

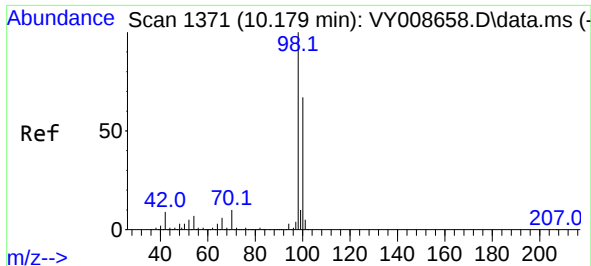
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 21.7 17.6 26.4

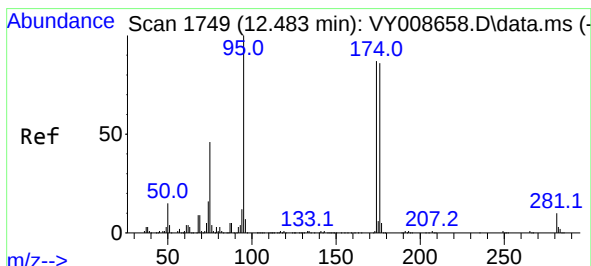
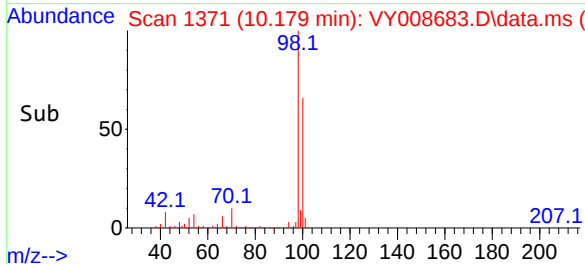
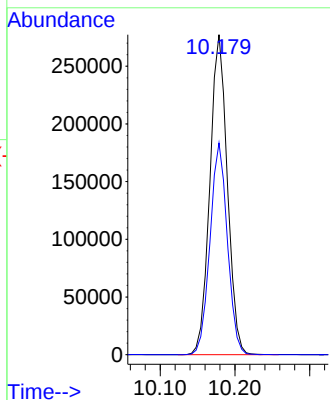
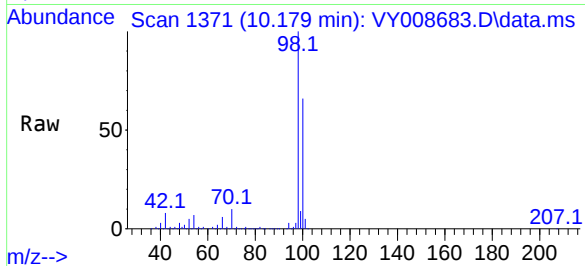




#50
Toluene-d8
Concen: 52.932 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

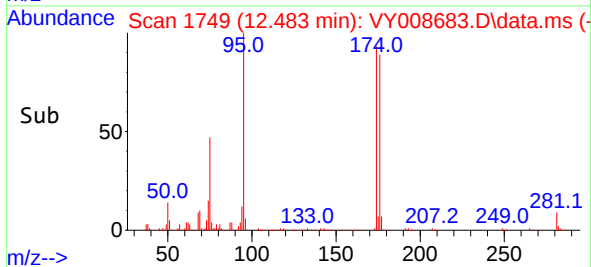
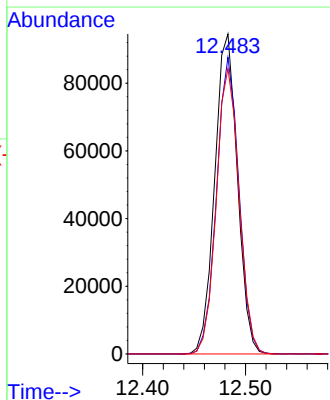
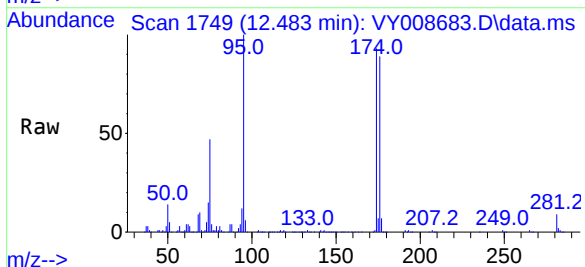
Instrument :
MSVOA_Y
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SP-3

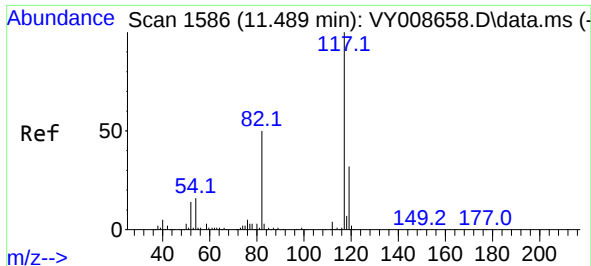
Tgt Ion: 98 Resp: 450687
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.287 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008683.D
Acq: 10 May 2022 16:34

Tgt Ion: 95 Resp: 144852
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 89.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008683.D

Acq: 10 May 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SP-3

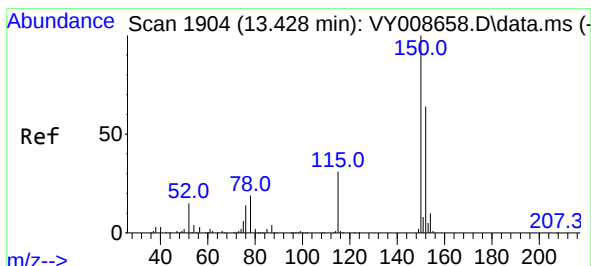
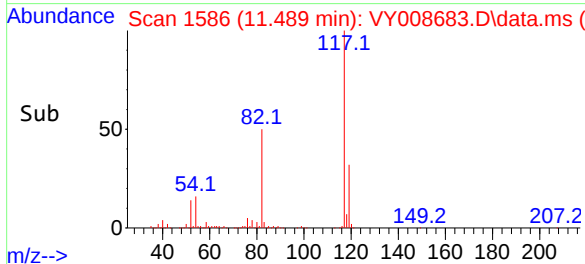
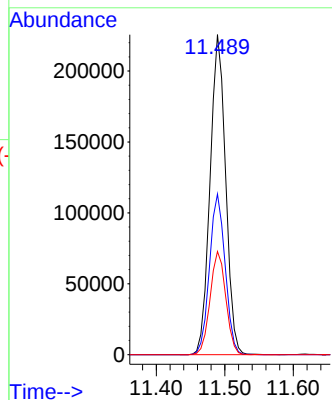
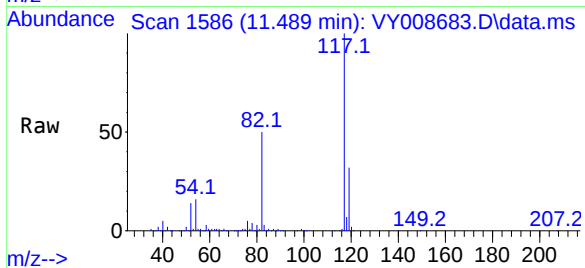
Tgt Ion:117 Resp: 357101

Ion Ratio Lower Upper

117 100

82 50.2 43.0 64.4

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY008683.D

Acq: 10 May 2022 16:34

Tgt Ion:152 Resp: 163888

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 156.5 0.0 347.6

