

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012652.D
 Acq On : 17 Feb 2023 15:42
 Operator : KP/MD
 Sample : 01595-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-655-2

Quant Time: Feb 17 22:46:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	128604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	207728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	209972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71505	43.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.440%
35) Dibromofluoromethane	7.716	113	61245	40.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.960%
50) Toluene-d8	10.179	98	246716	39.182	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.360%
62) 4-Bromofluorobenzene	12.477	95	82503	37.564	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.120%

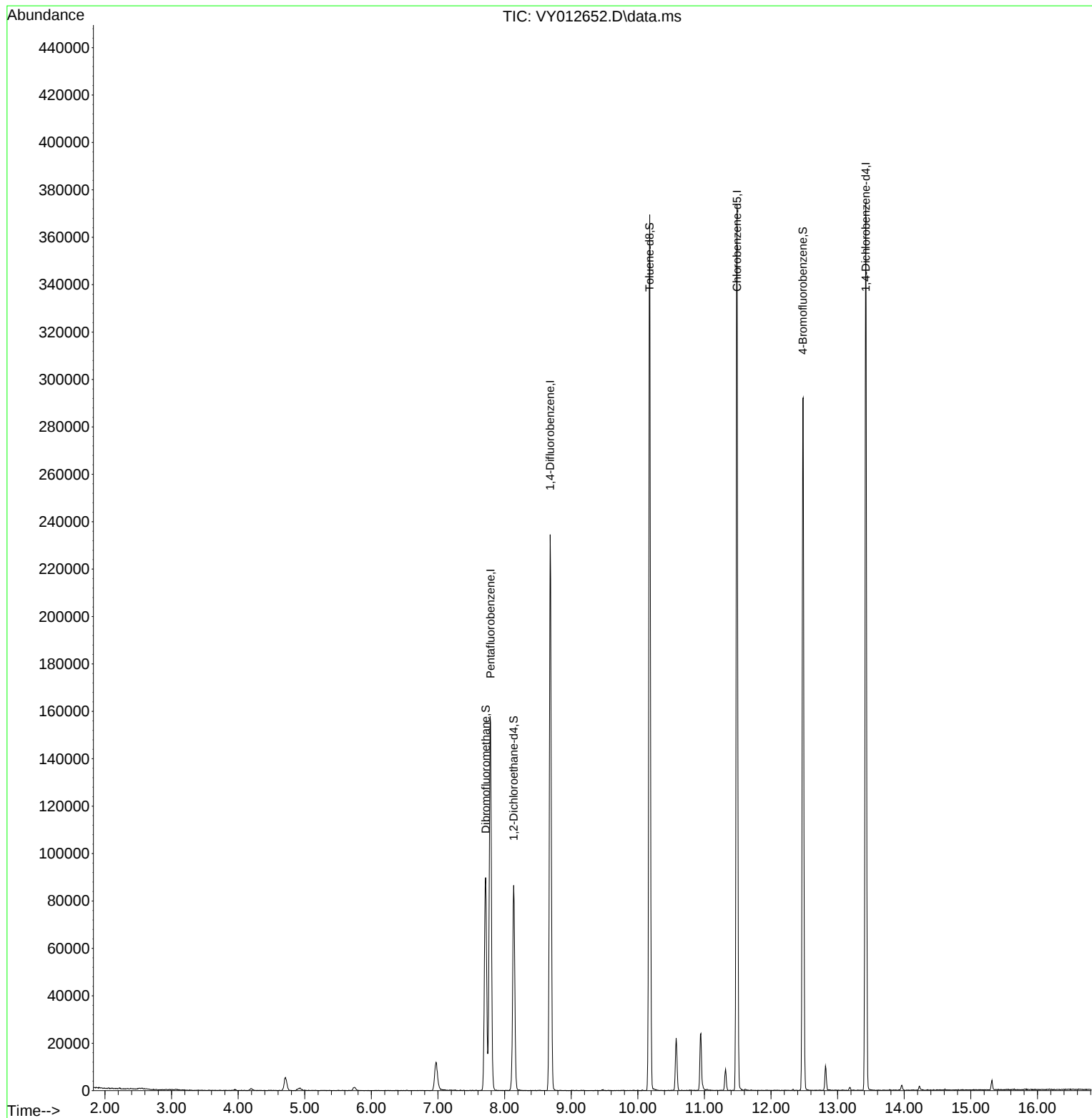
Target Compounds	Qvalue

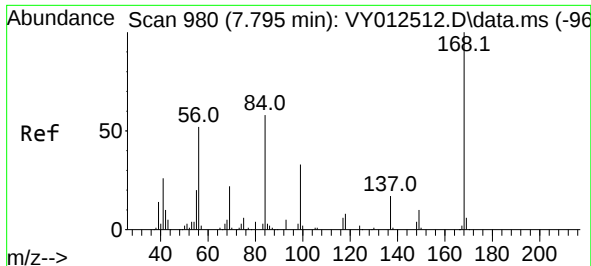
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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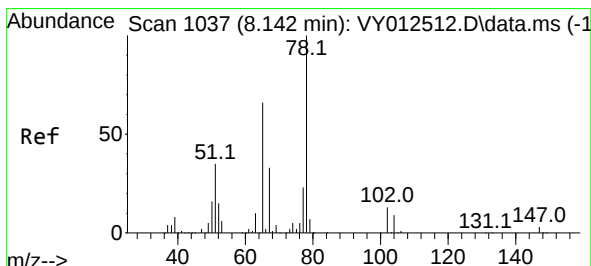
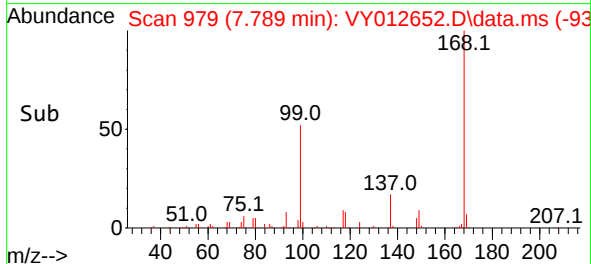
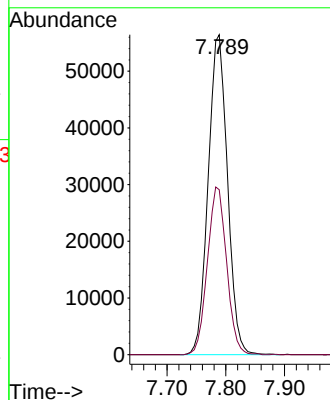
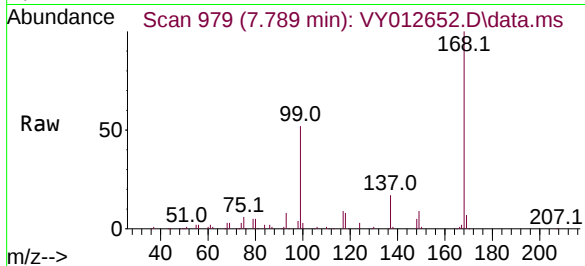




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

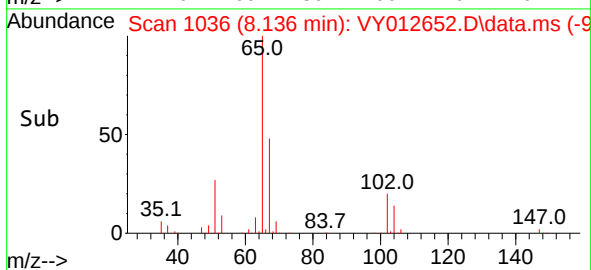
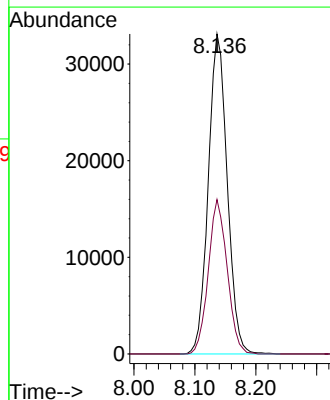
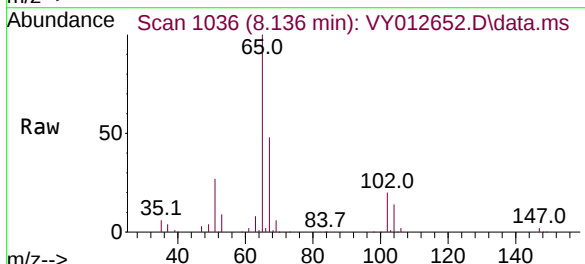
Instrument :
MSVOA_Y
ClientSampleId :
S-655-2

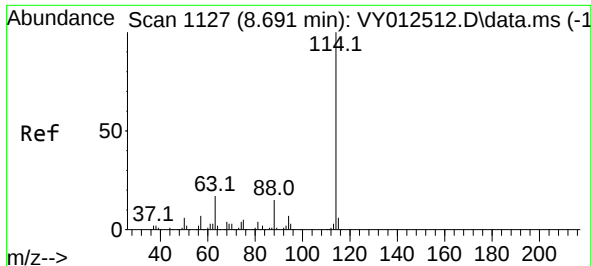
Tgt Ion:168 Resp: 128604
Ion Ratio Lower Upper
168 100
99 51.5 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 43.724 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

Tgt Ion: 65 Resp: 71505
Ion Ratio Lower Upper
65 100
67 48.1 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY012652.D

Acq: 17 Feb 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

S-655-2

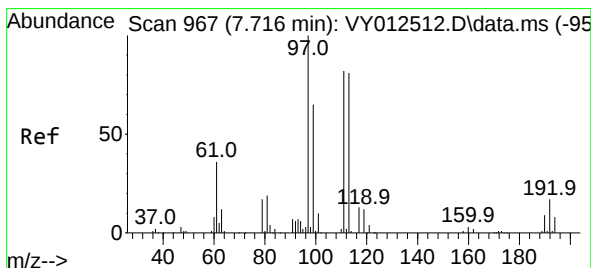
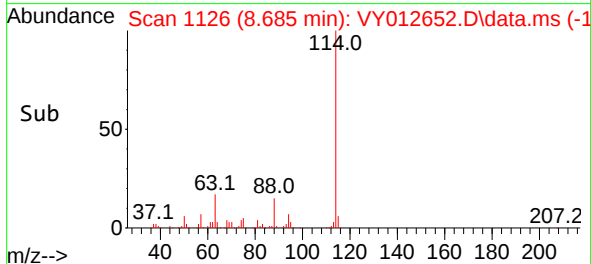
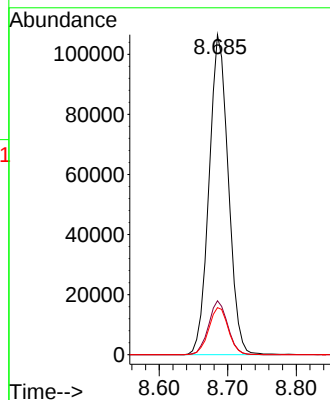
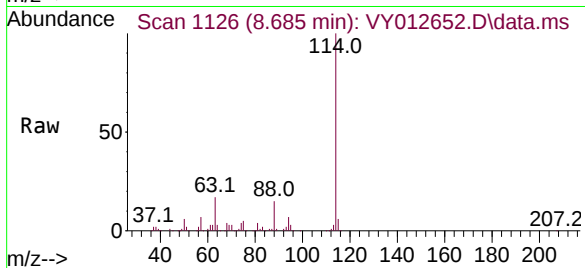
Tgt Ion:114 Resp: 207728

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.6

88 14.7 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.485 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012652.D

Acq: 17 Feb 2023 15:42

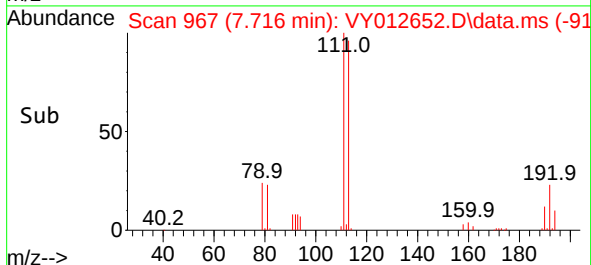
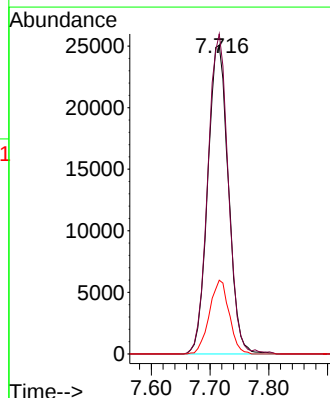
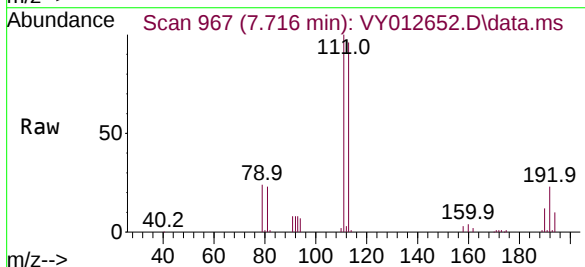
Tgt Ion:113 Resp: 61245

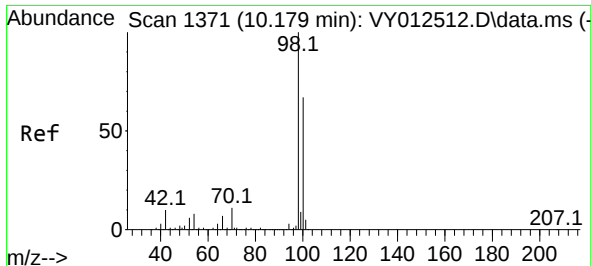
Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 22.8 17.5 26.3

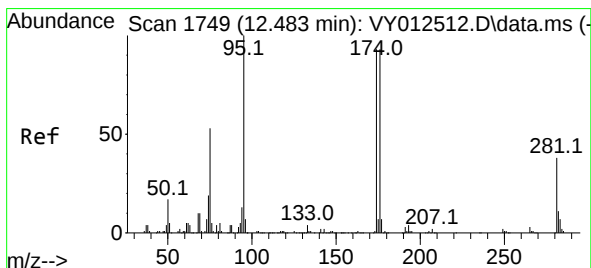
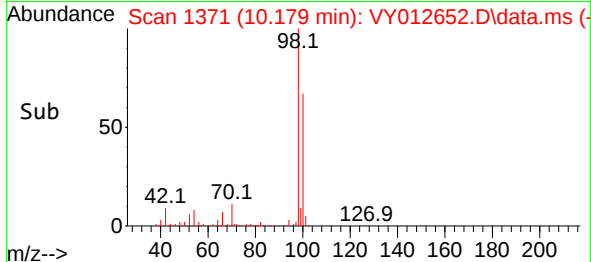
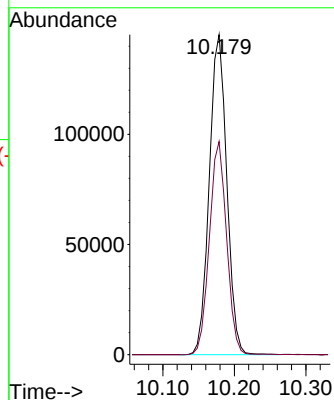
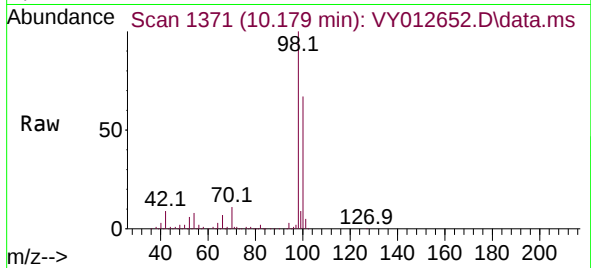




#50
Toluene-d8
Concen: 39.182 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

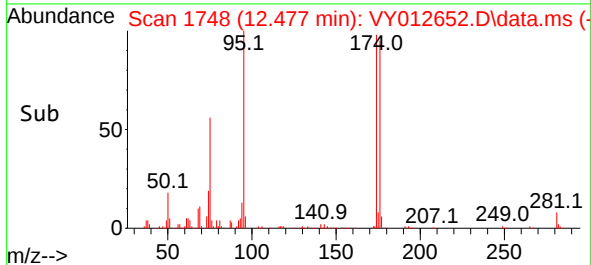
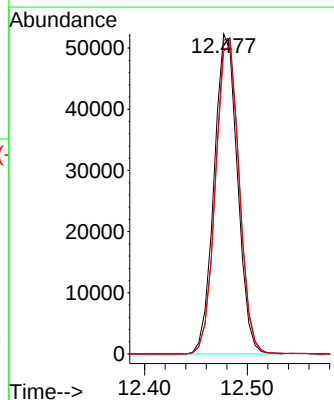
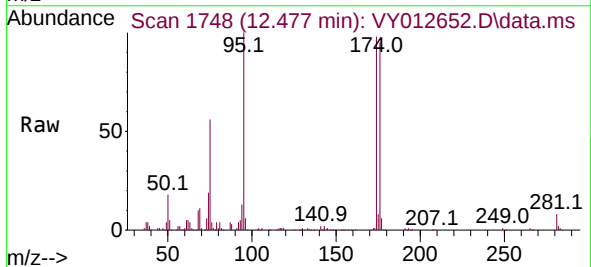
Instrument :
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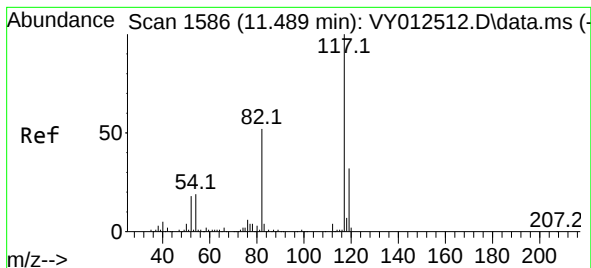
Tgt Ion: 98 Resp: 246716
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 37.564 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

Tgt Ion: 95 Resp: 82503
Ion Ratio Lower Upper
95 100
174 100.7 0.0 188.0
176 97.6 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012652.D

Acq: 17 Feb 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

S-655-2

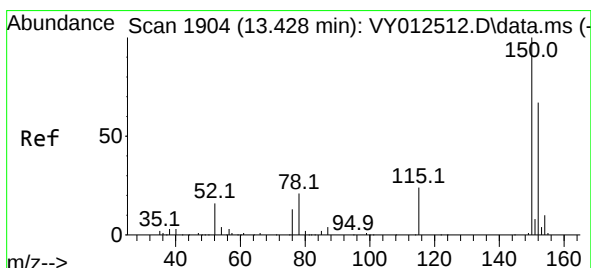
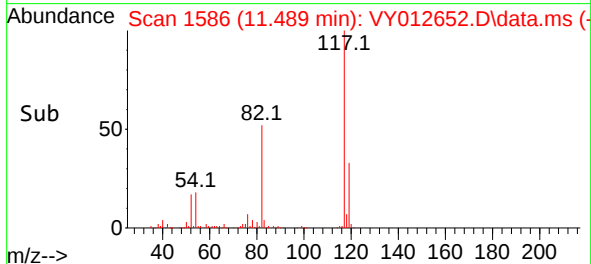
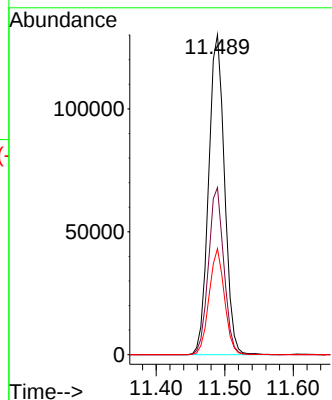
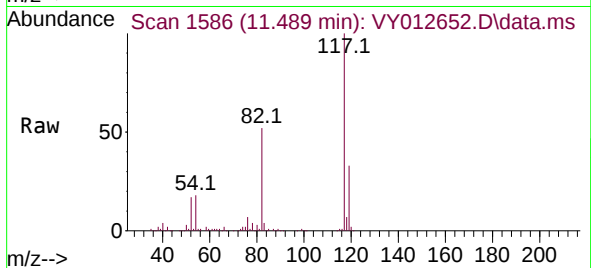
Tgt Ion:117 Resp: 209972

Ion Ratio Lower Upper

117 100

82 52.3 41.7 62.5

119 33.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012652.D

Acq: 17 Feb 2023 15:42

Tgt Ion:152 Resp: 102023

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.3

150 157.3 0.0 351.0

