

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012767.D
 Acq On : 02 Mar 2023 18:31
 Operator : KP/MD
 Sample : 01736-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Mar 03 01:58:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	11928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4849	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6028	50.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.800%
35) Dibromofluoromethane	7.715	113	5610	52.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.700%
50) Toluene-d8	10.178	98	16517	42.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.140%
62) 4-Bromofluorobenzene	12.477	95	4487	34.259	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.520%

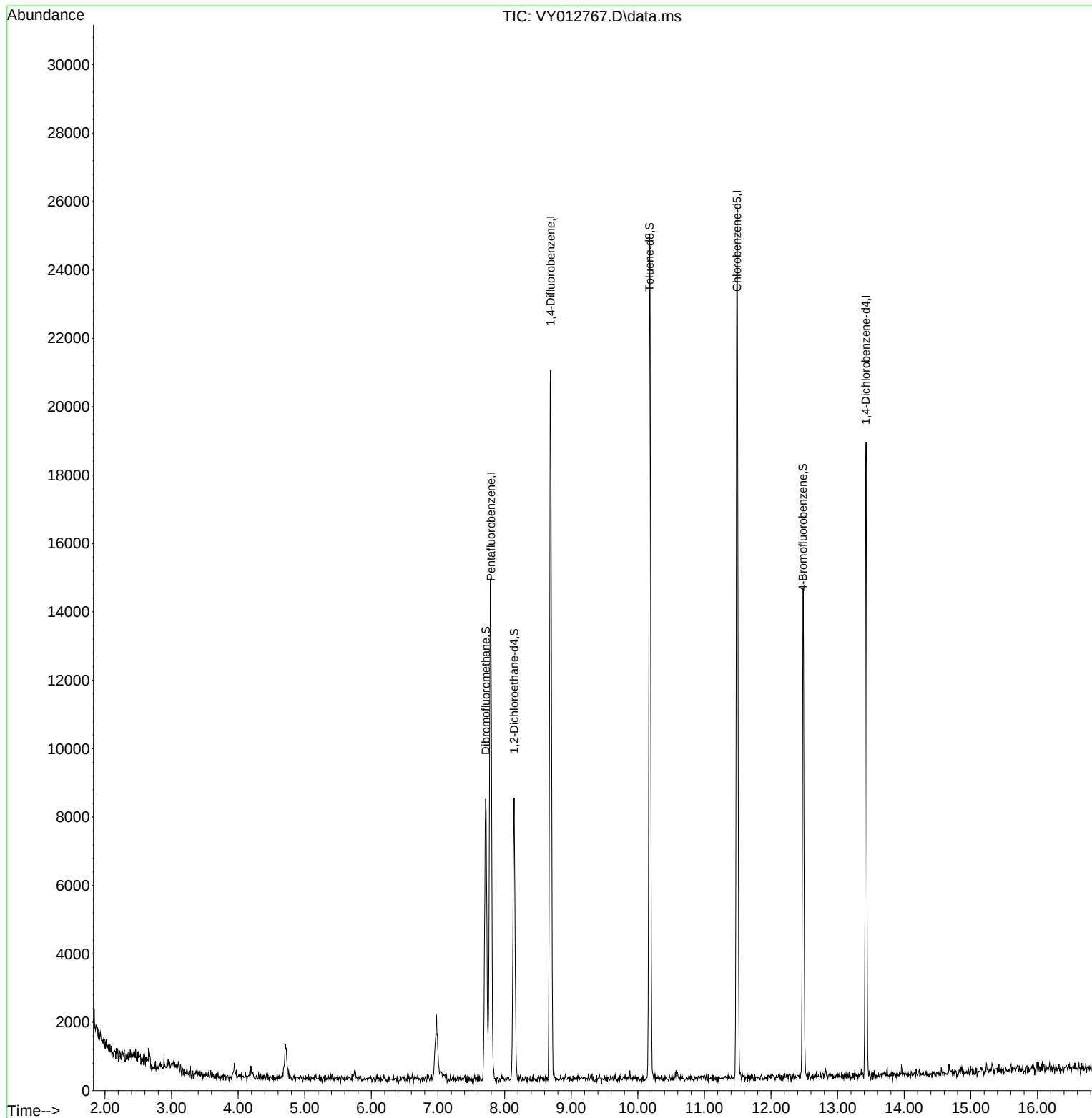
Target Compounds	Qvalue

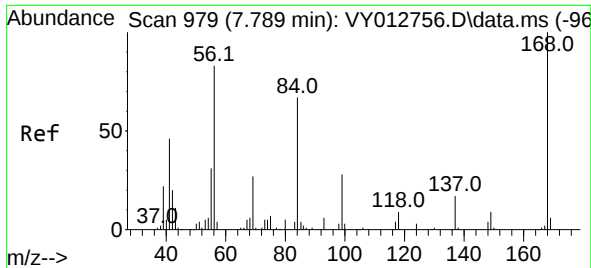
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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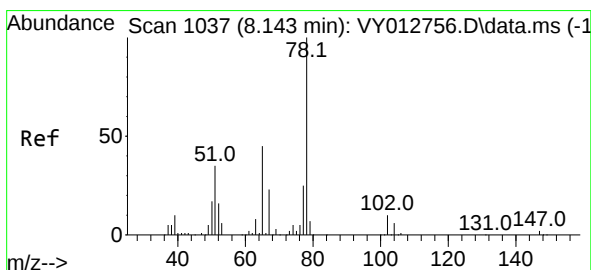
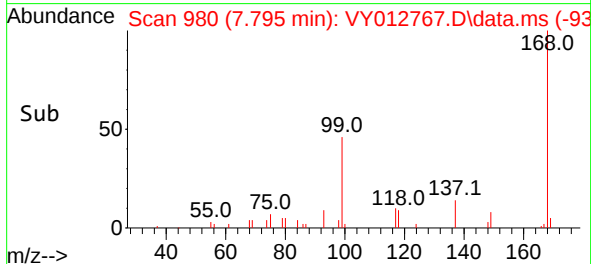
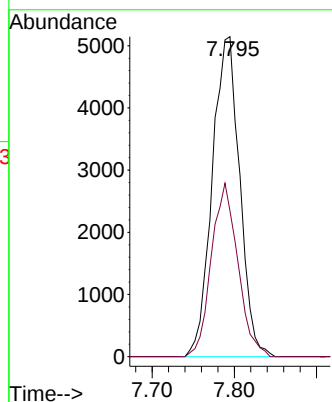
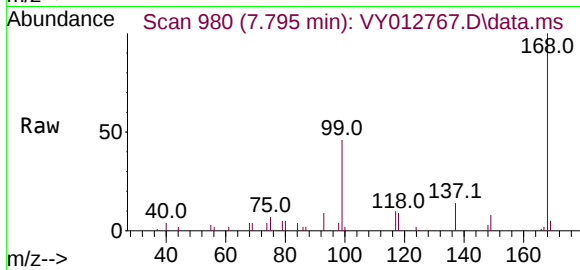




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012767.D
Acq: 02 Mar 2023 18:31

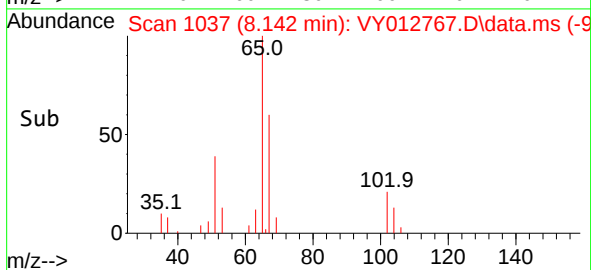
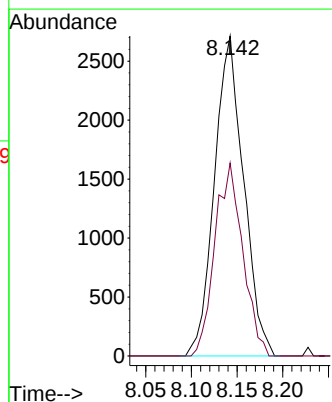
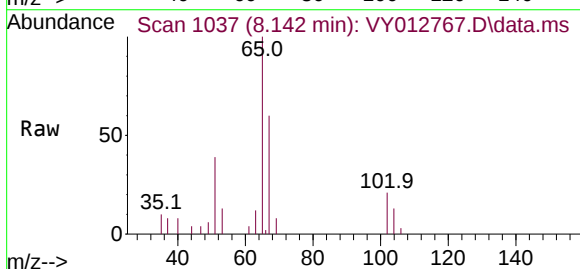
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

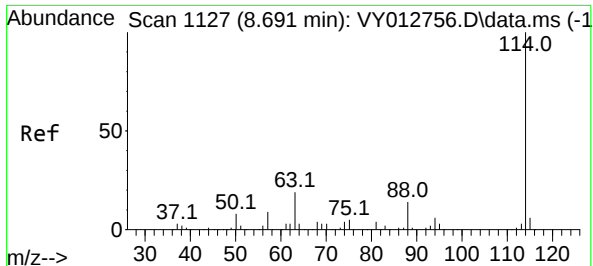
Tgt Ion:168 Resp: 11928
Ion Ratio Lower Upper
168 100
99 45.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 50.899 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012767.D
Acq: 02 Mar 2023 18:31

Tgt Ion: 65 Resp: 6028
Ion Ratio Lower Upper
65 100
67 57.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012767.D

Acq: 02 Mar 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

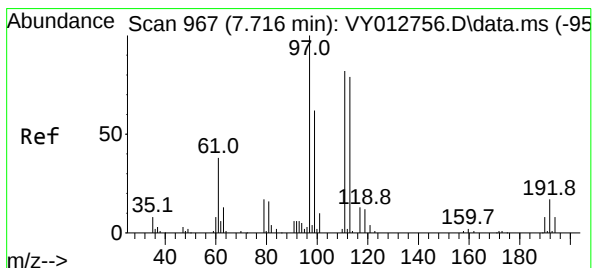
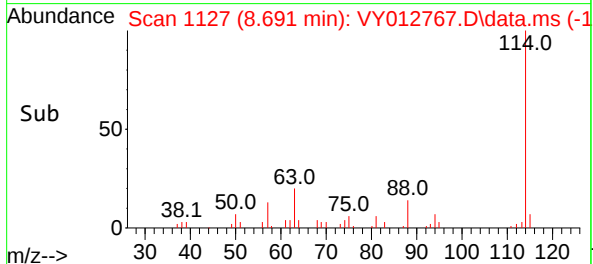
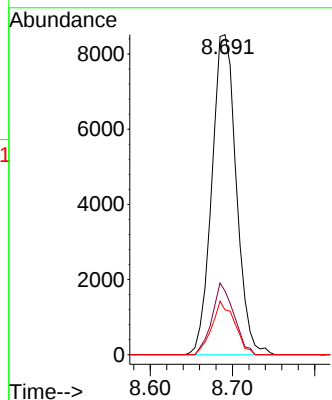
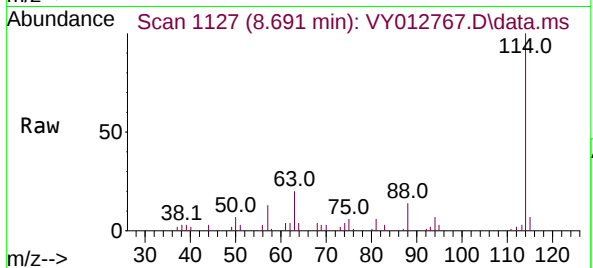
Tgt Ion:114 Resp: 17588

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 52.853 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012767.D

Acq: 02 Mar 2023 18:31

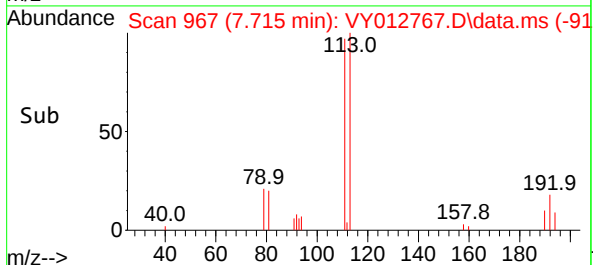
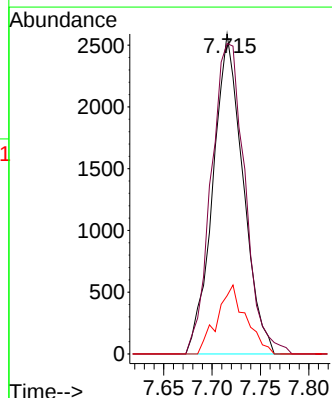
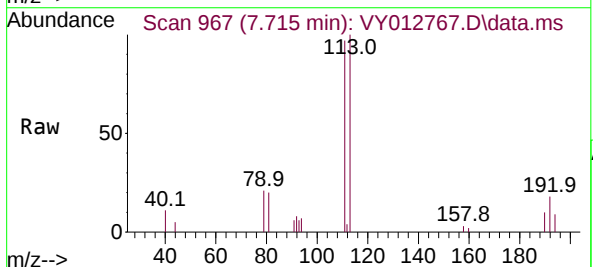
Tgt Ion:113 Resp: 5610

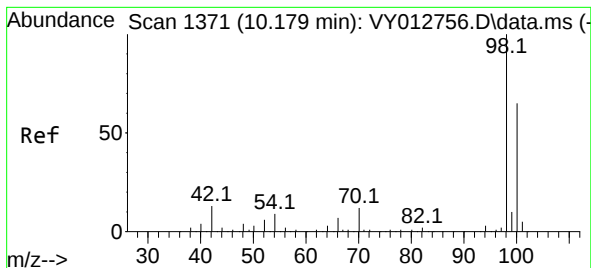
Ion Ratio Lower Upper

113 100

111 108.4 82.2 123.2

192 20.6 16.8 25.2





#50

Toluene-d8

Concen: 42.565 ug/l

RT: 10.178 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012767.D

Acq: 02 Mar 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

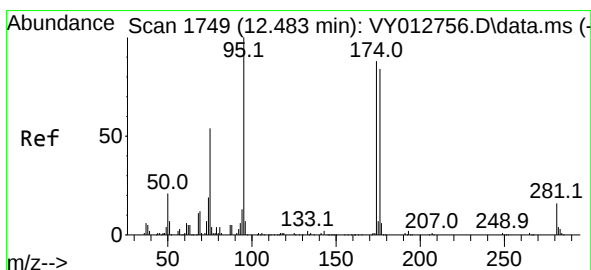
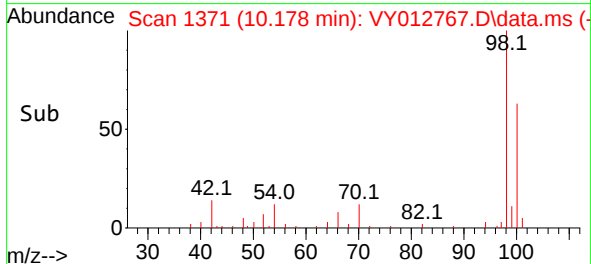
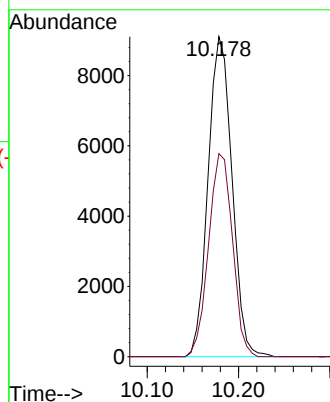
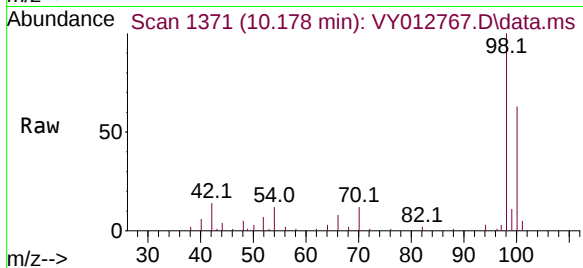
TP-5

Tgt Ion: 98 Resp: 16517

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 34.259 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY012767.D

Acq: 02 Mar 2023 18:31

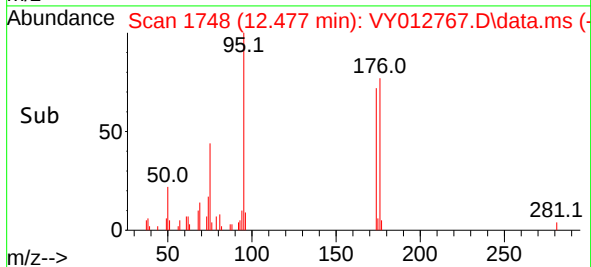
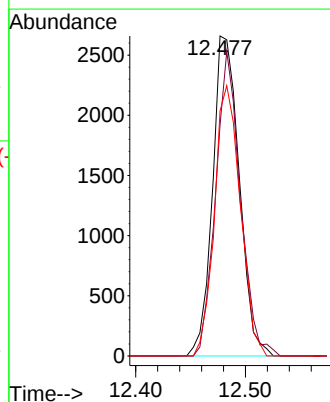
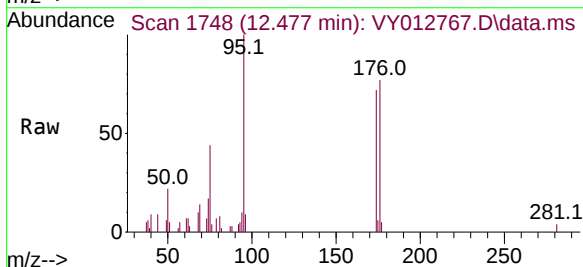
Tgt Ion: 95 Resp: 4487

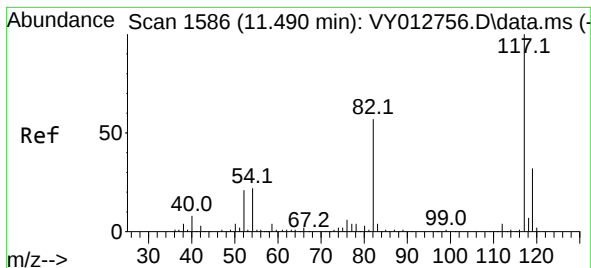
Ion Ratio Lower Upper

95 100

174 87.9 0.0 176.6

176 82.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012767.D

Acq: 02 Mar 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

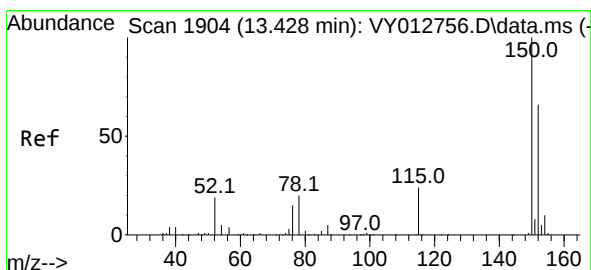
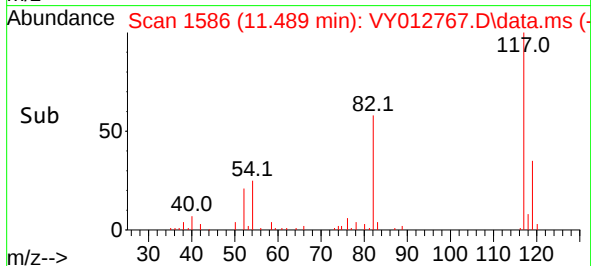
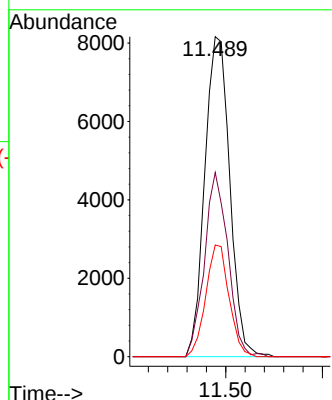
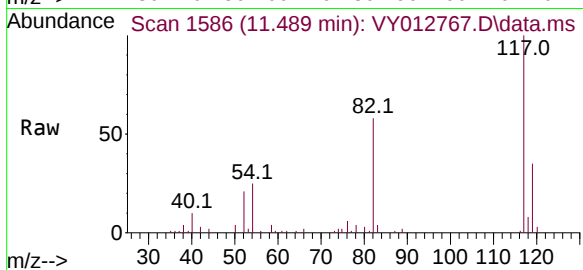
Tgt Ion:117 Resp: 14667

Ion Ratio Lower Upper

117 100

82 57.5 45.4 68.0

119 34.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012767.D

Acq: 02 Mar 2023 18:31

Tgt Ion:152 Resp: 4849

Ion Ratio Lower Upper

152 100

115 60.0 27.1 81.3

150 155.7 0.0 347.8

