

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012846.D
 Acq On : 07 Mar 2023 15:45
 Operator : KP/MD
 Sample : 01825-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP1-0306

Quant Time: Mar 07 23:44:16 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	7.789	168	971	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	352	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	951	98.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	197.280%#
35) Dibromofluoromethane	7.716	113	629	60.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.620%
50) Toluene-d8	10.179	98	1948	51.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.483	95	417	32.671	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.340%

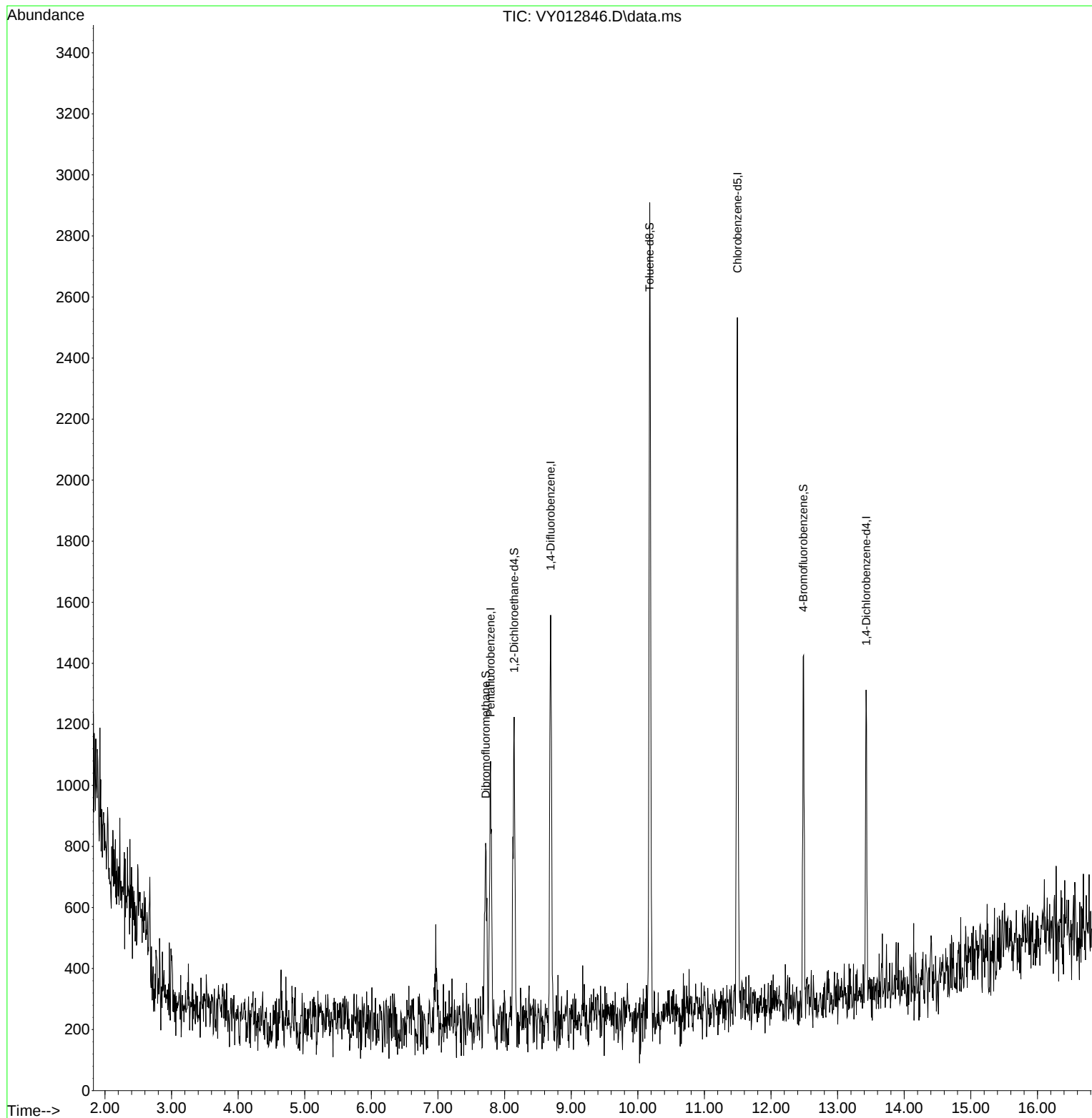
Target Compounds	Qvalue

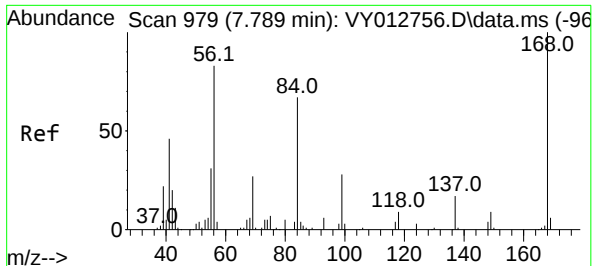
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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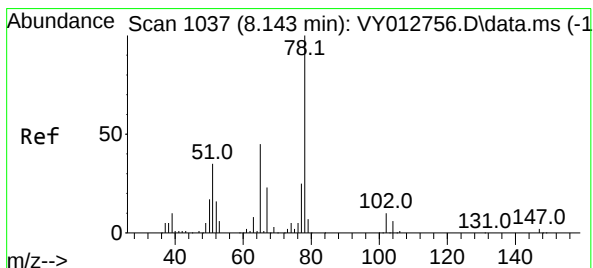
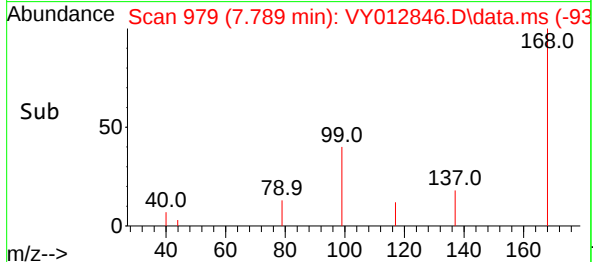
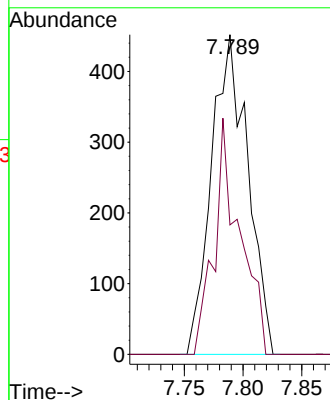
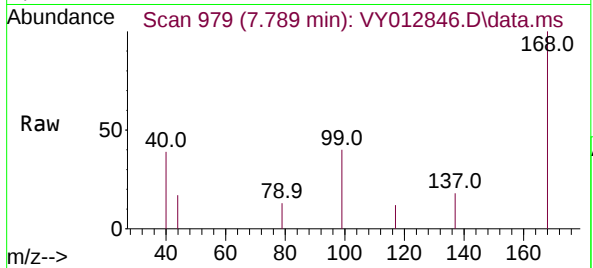




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

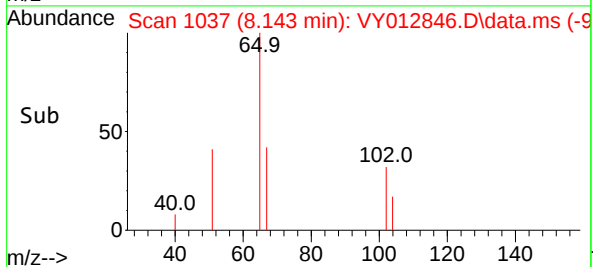
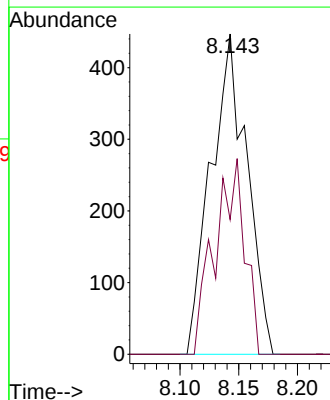
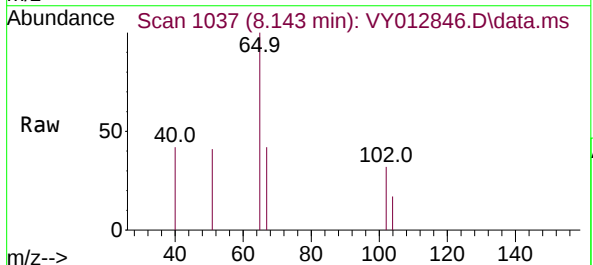
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

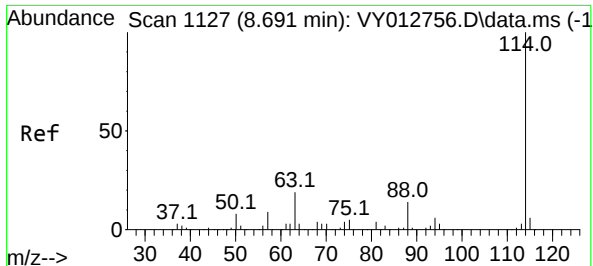
Tgt Ion:168 Resp: 971
Ion Ratio Lower Upper
168 100
99 40.5 41.7 62.5#



#33
1,2-Dichloroethane-d4
Concen: 98.644 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Tgt Ion: 65 Resp: 951
Ion Ratio Lower Upper
65 100
67 50.8 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: VY012846.D

Acq: 07 Mar 2023 15:45

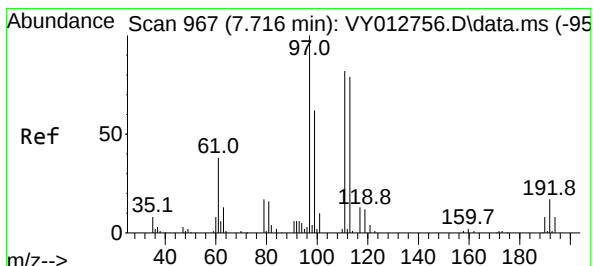
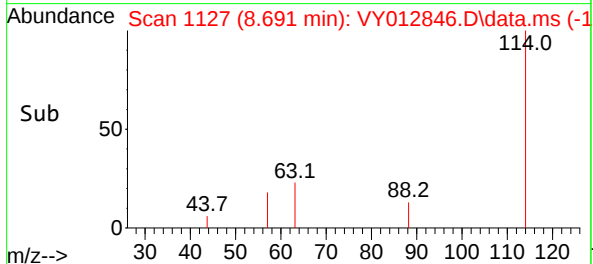
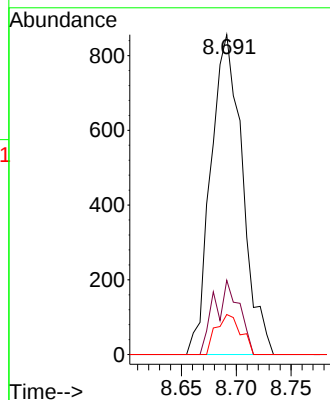
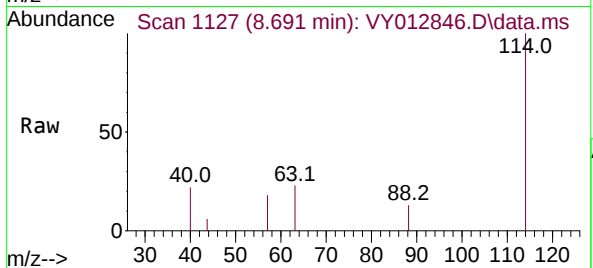
Instrument :

MSVOA_Y

ClientSampleId :

HH-TP1-0306

Tgt Ion:114	Resp:	1714
Ion	Ratio	Lower Upper
114	100	
63	23.2	0.0 37.4
88	12.5	0.0 28.6



#35

Dibromofluoromethane

Concen: 60.808 ug/l

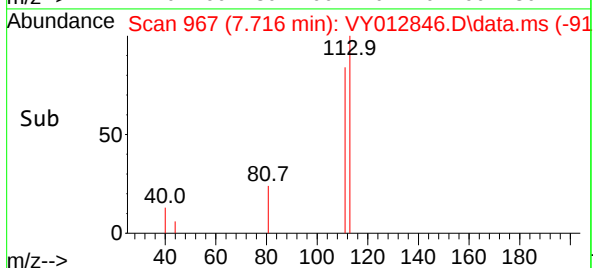
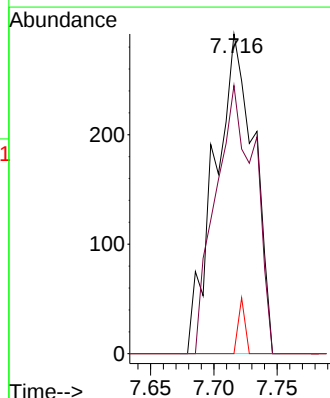
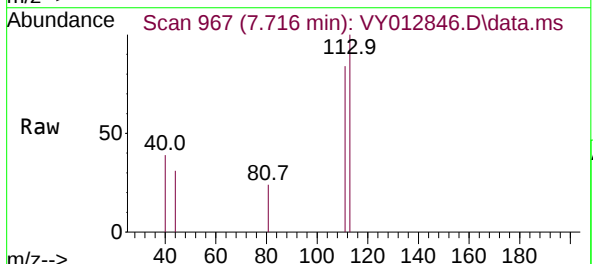
RT: 7.716 min Scan# 967

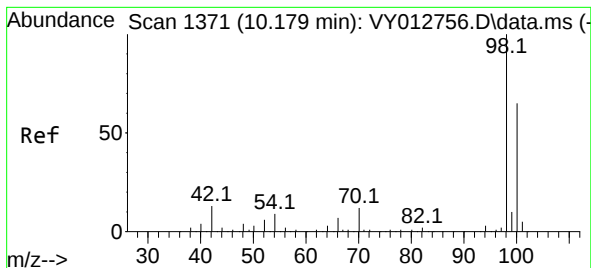
Delta R.T. -0.000 min

Lab File: VY012846.D

Acq: 07 Mar 2023 15:45

Tgt Ion:113	Resp:	629
Ion	Ratio	Lower Upper
113	100	
111	83.8	82.2 123.2
192	3.0	16.8 25.2

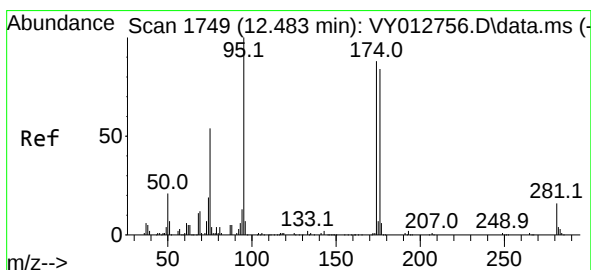
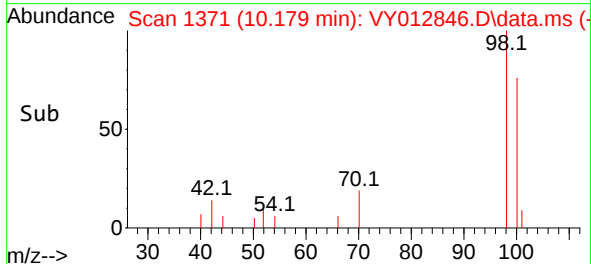
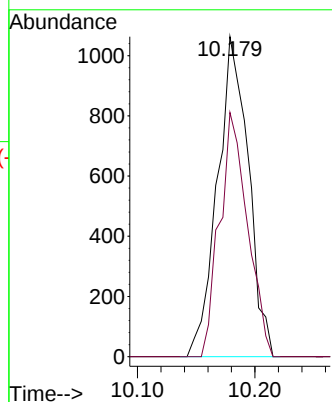
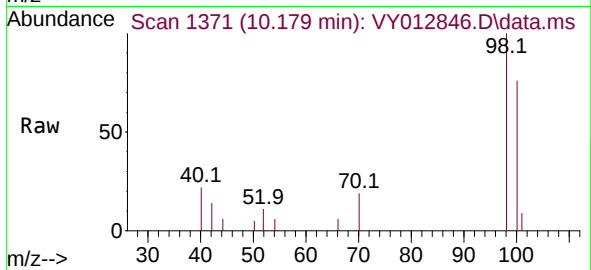




#50
Toluene-d8
Concen: 51.513 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

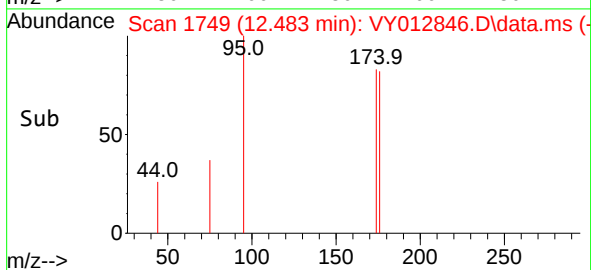
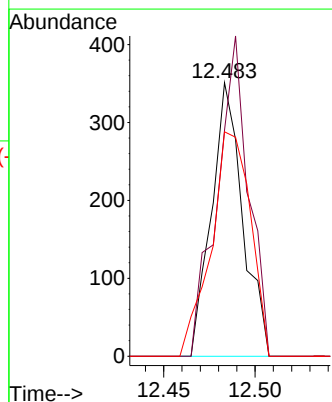
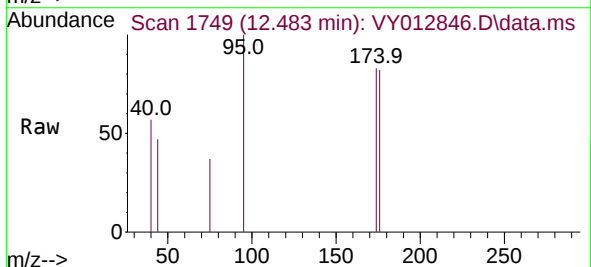
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

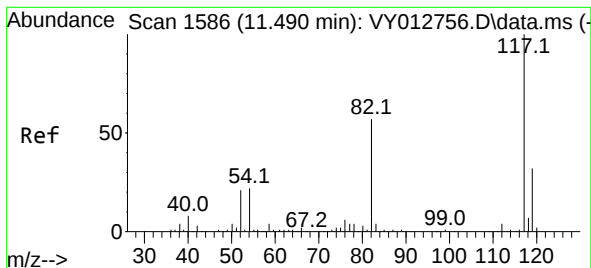
Tgt Ion: 98 Resp: 1948
Ion Ratio Lower Upper
98 100
100 68.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 32.671 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Tgt Ion: 95 Resp: 417
Ion Ratio Lower Upper
95 100
174 118.2 0.0 176.6
176 103.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012846.D

Acq: 07 Mar 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :

HH-TP1-0306

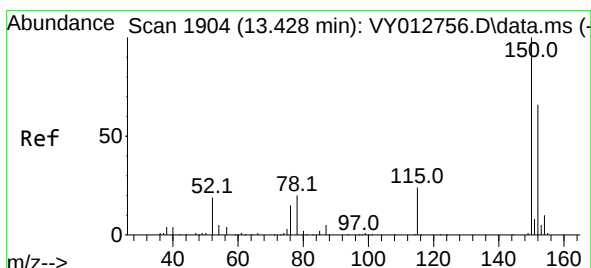
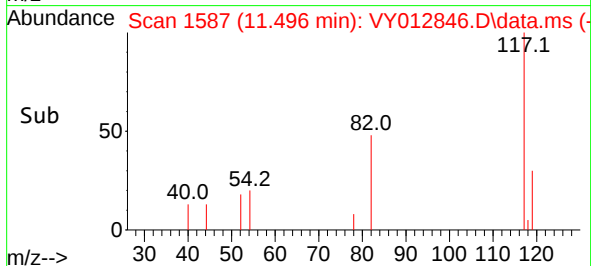
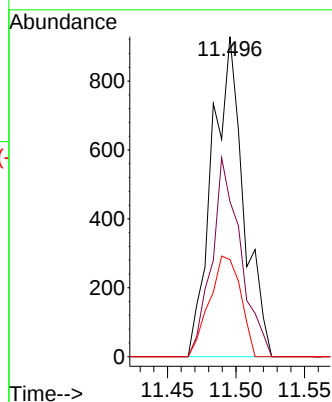
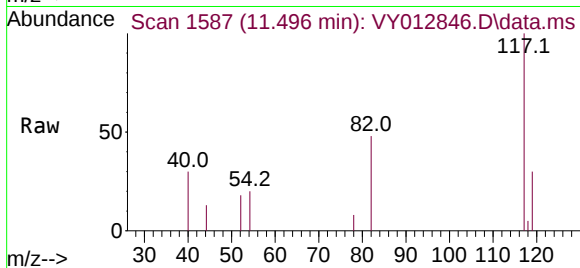
Tgt Ion:117 Resp: 1480

Ion Ratio Lower Upper

117 100

82 48.4 45.4 68.0

119 30.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012846.D

Acq: 07 Mar 2023 15:45

Tgt Ion:152 Resp: 352

Ion Ratio Lower Upper

152 100

115 60.2 27.1 81.3

150 150.0 0.0 347.8

