

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012870.D
 Acq On : 08 Mar 2023 14:52
 Operator : KP/MD
 Sample : 01825-07RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP4-0306RE

Quant Time: Mar 09 00:36:44 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	7.783	168	105	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	108	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	110	105.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	211.020%#
35) Dibromofluoromethane	7.722	113	27	19.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.900%#
50) Toluene-d8	10.179	98	223	43.946	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.900%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#

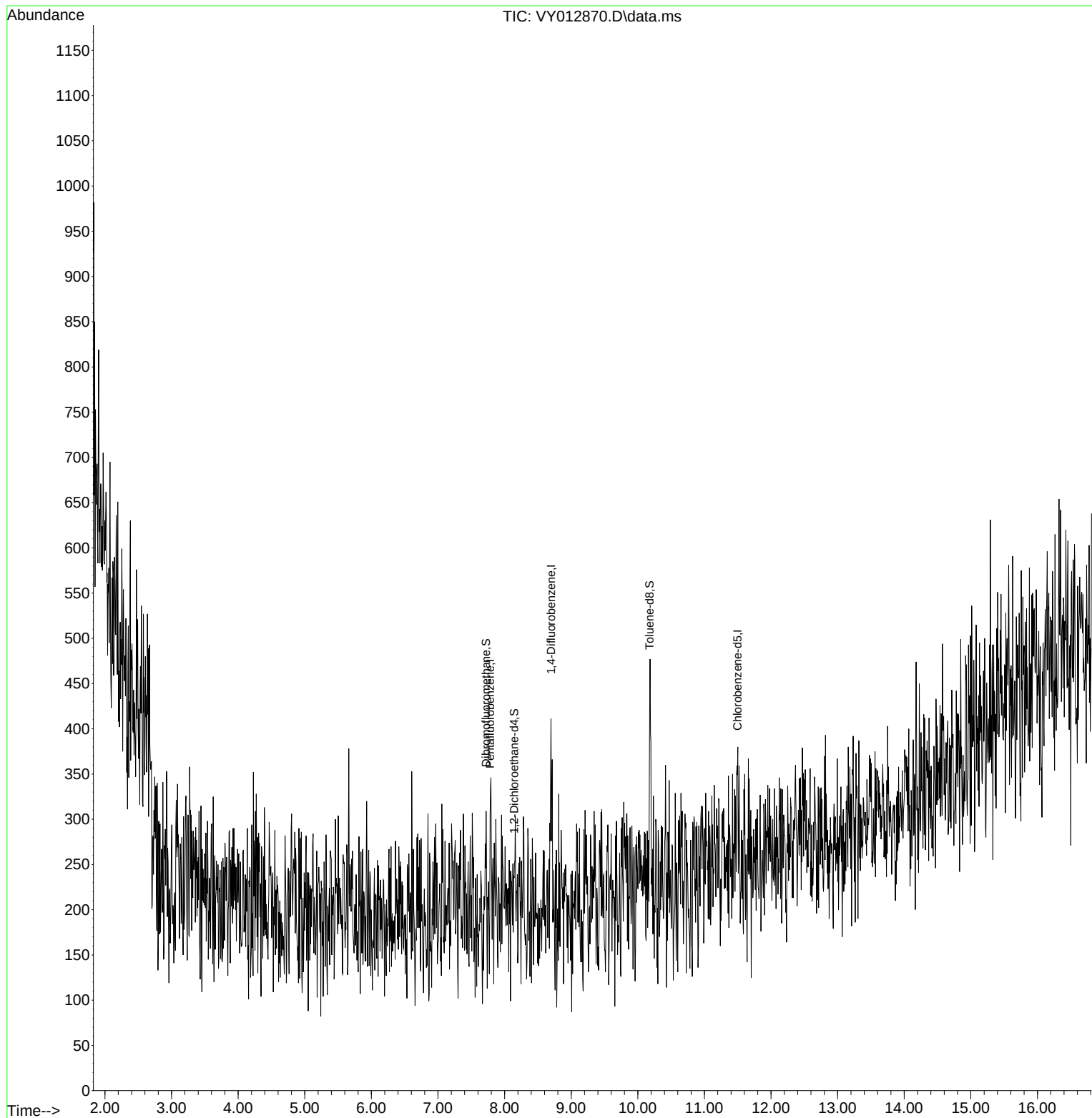
Target Compounds	Qvalue

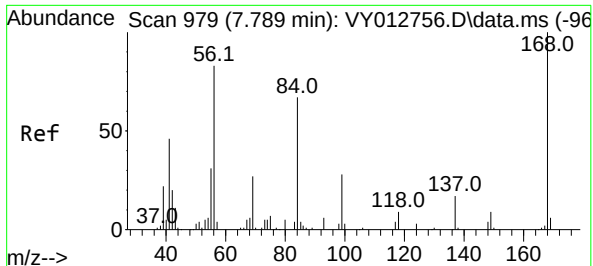
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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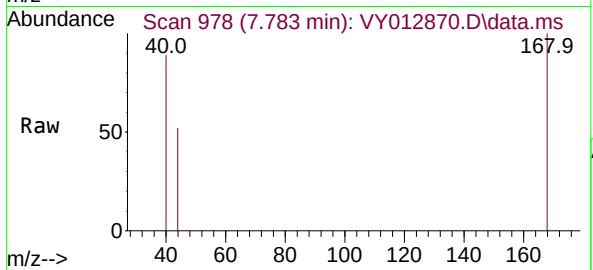
Quant Time: Mar 09 00:36:44 2023
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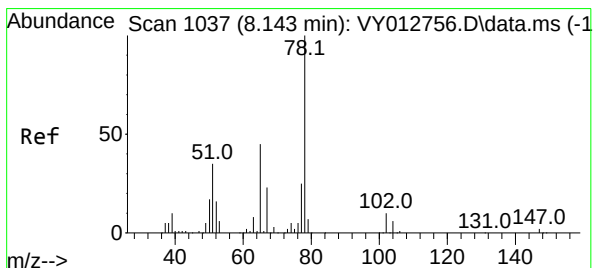
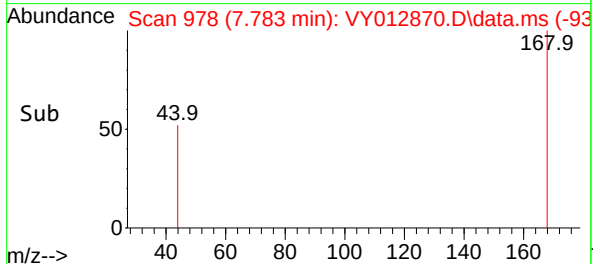
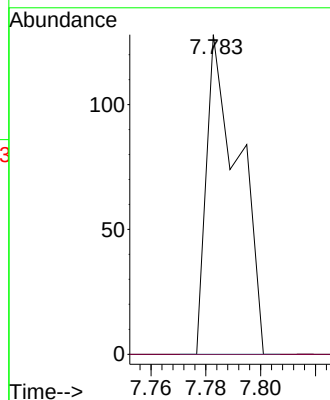


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012870.D
Acq: 08 Mar 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP4-0306RE

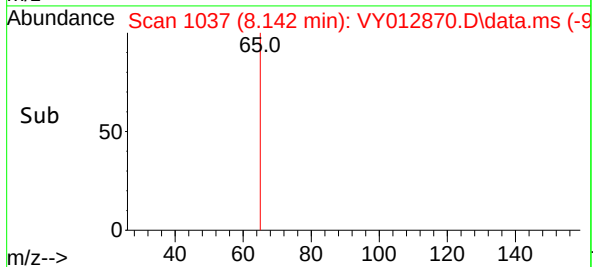
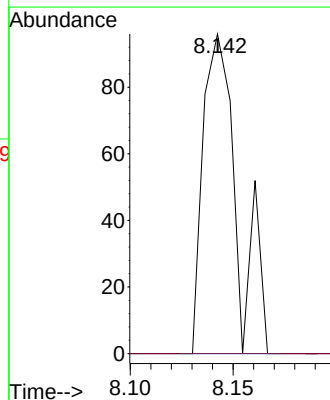
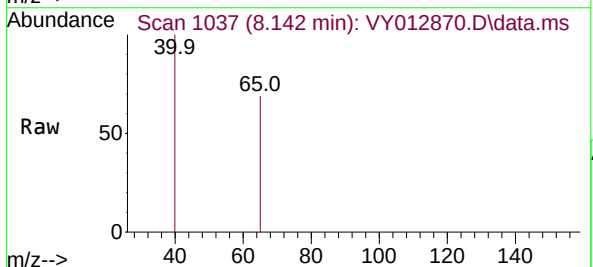


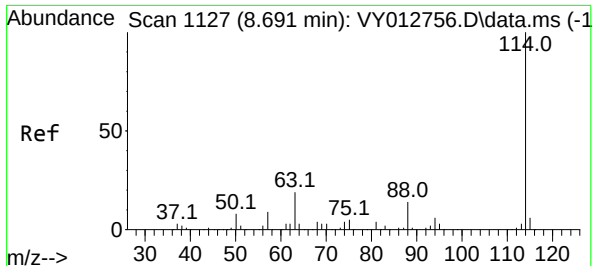
Tgt Ion:168 Resp: 105
Ion Ratio Lower Upper
168 100
99 0.0 41.7 62.5#



#33
1,2-Dichloroethane-d4
Concen: 105.514 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012870.D
Acq: 08 Mar 2023 14:52

Tgt Ion: 65 Resp: 110
Ion Ratio Lower Upper
65 100
67 0.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY012870.D

Acq: 08 Mar 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

HH-TP4-0306RE

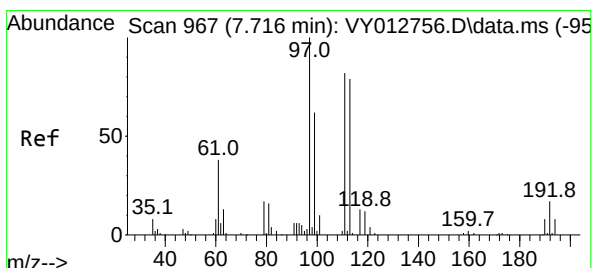
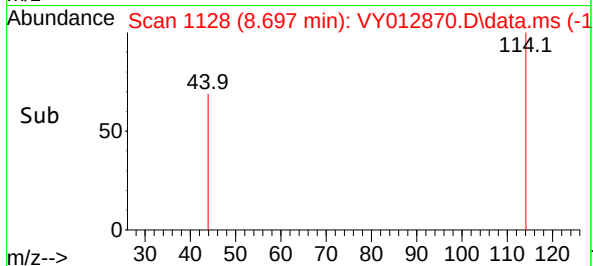
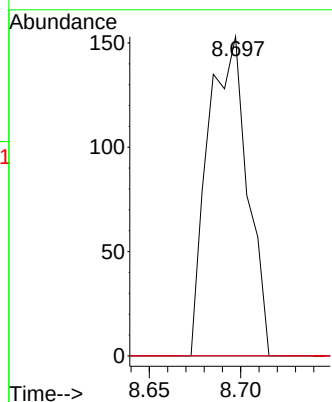
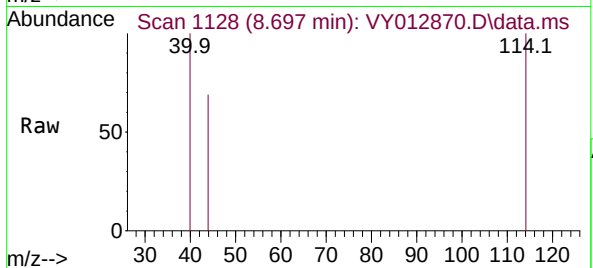
Tgt Ion:114 Resp: 230

Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.4

88 0.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 19.452 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012870.D

Acq: 08 Mar 2023 14:52

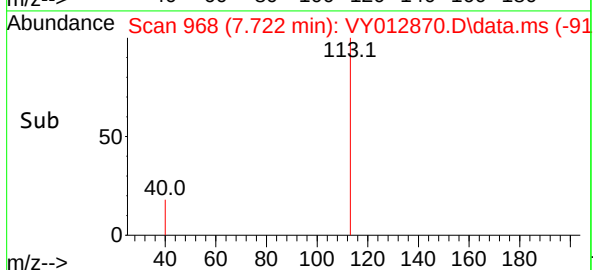
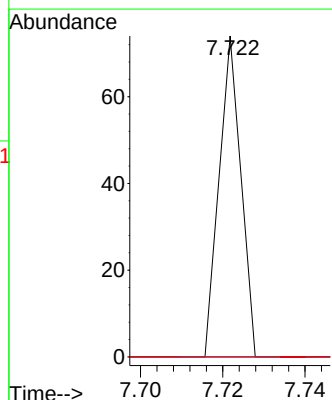
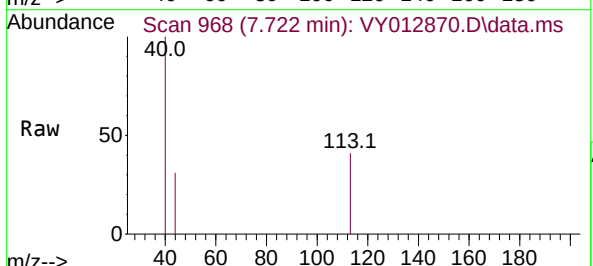
Tgt Ion:113 Resp: 27

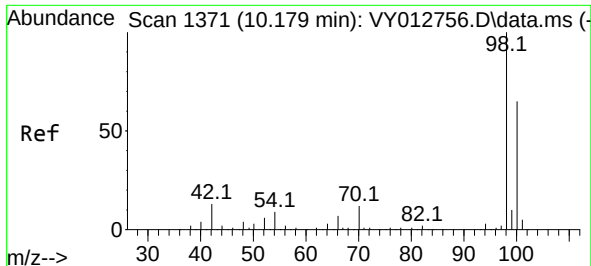
Ion Ratio Lower Upper

113 100

111 0.0 82.2 123.2#

192 0.0 16.8 25.2#





#50

Toluene-d8

Concen: 43.946 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012870.D

Acq: 08 Mar 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

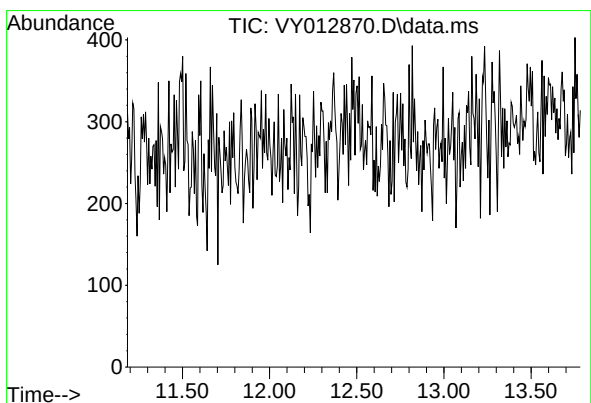
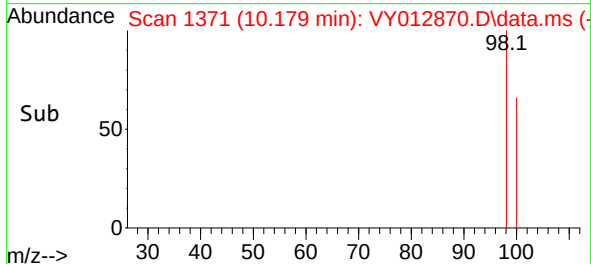
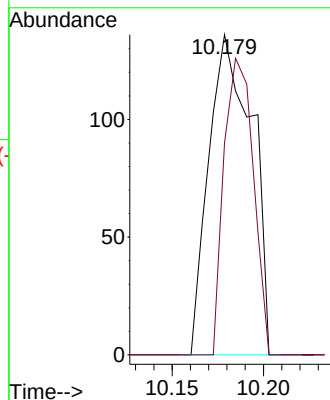
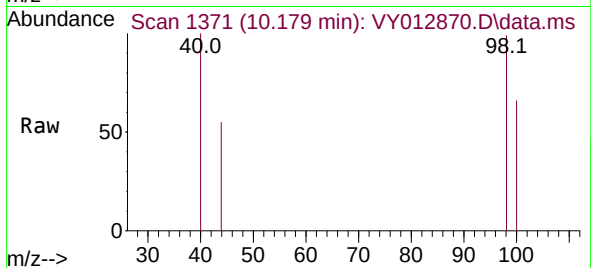
HH-TP4-0306RE

Tgt Ion: 98 Resp: 223

Ion Ratio Lower Upper

98 100

100 62.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.48 min

Lab File: VY012870.D

Acq: 08 Mar 2023 14:52

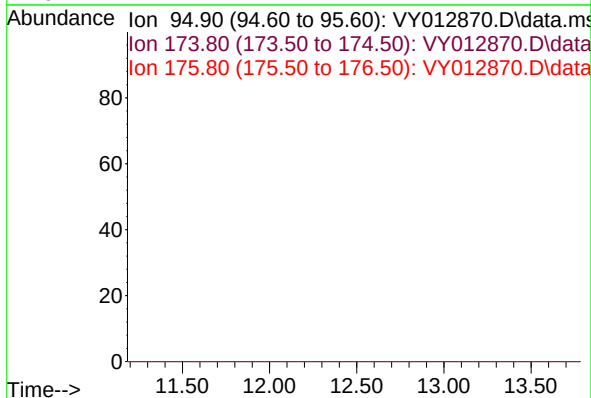
Tgt Ion: 95

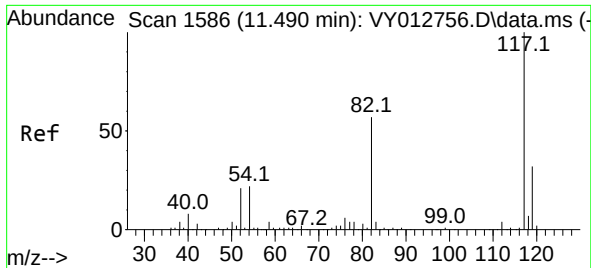
Sig Exp Ratio

95 100

174 88.3

176 85.1

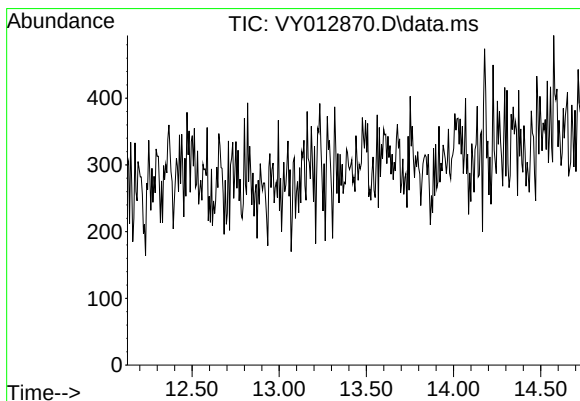
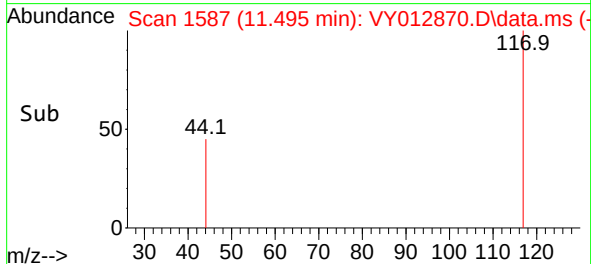
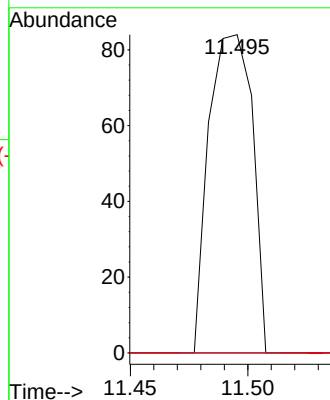
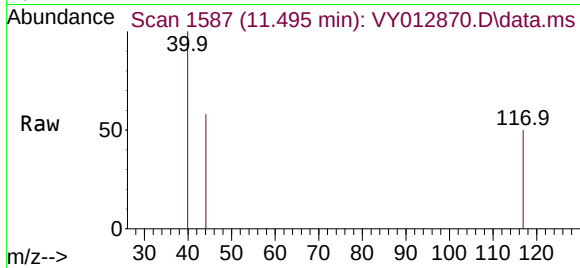




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012870.D
Acq: 08 Mar 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP4-0306RE

Tgt Ion:117 Resp: 108
Ion Ratio Lower Upper
117 100
82 0.0 45.4 68.0#
119 0.0 25.6 38.4#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min

Lab File: VY012870.D
Acq: 08 Mar 2023 14:52

Tgt Ion: 152
Sig Exp Ratio
152 100
115 54.2
150 173.9

