

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012876.D
 Acq On : 08 Mar 2023 17:13
 Operator : KP/MD
 Sample : 01829-06
 Misc : 4.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-06-20230306

Quant Time: Mar 09 00:38:20 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	72592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	121055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	98801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45920	63.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.420%	
35) Dibromofluoromethane	7.716	113	41845	57.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.560%	
50) Toluene-d8	10.179	98	141676	53.046	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.100%	
62) 4-Bromofluorobenzene	12.483	95	33912	37.619	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.240%	

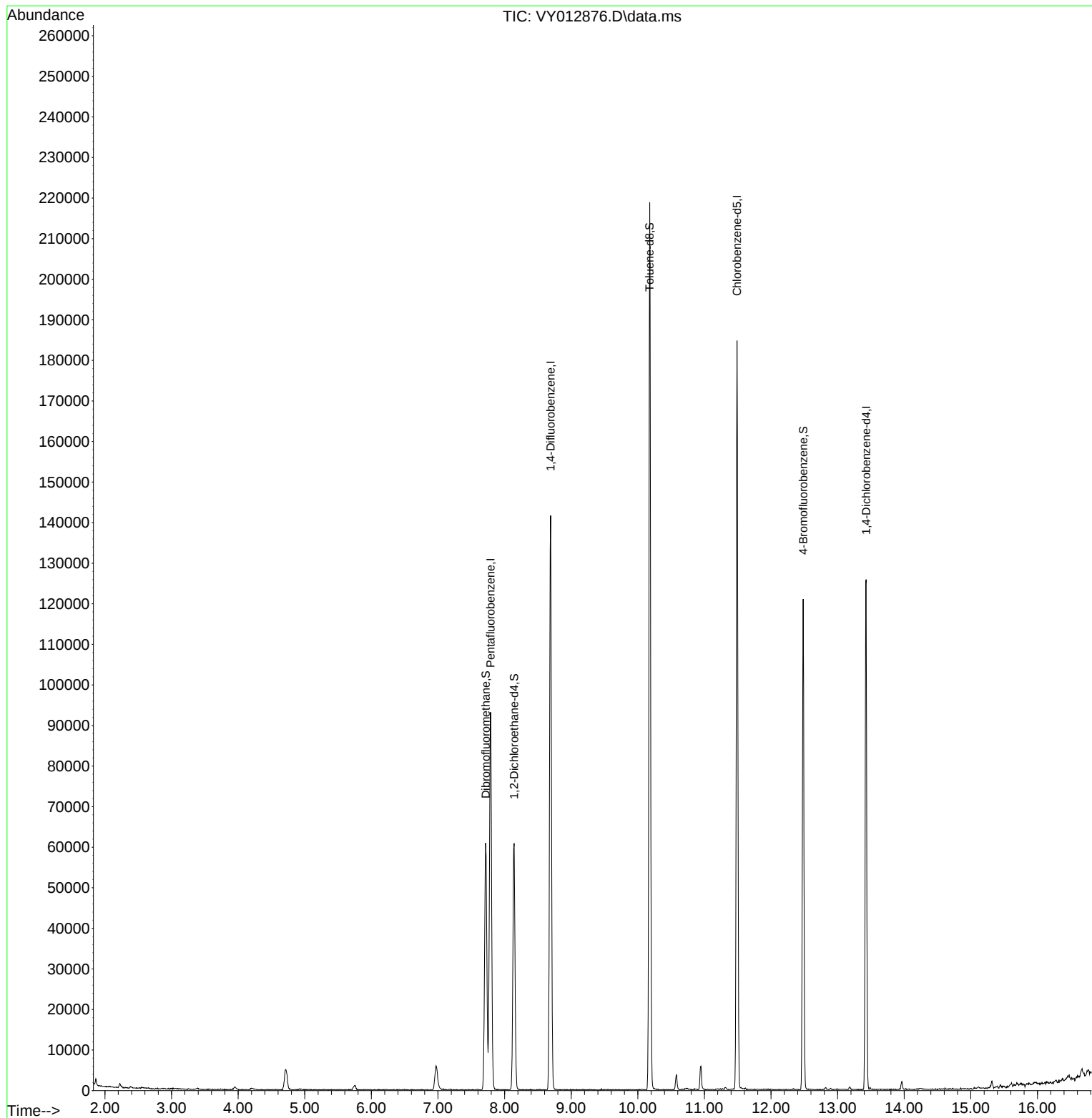
Target Compounds	Qvalue

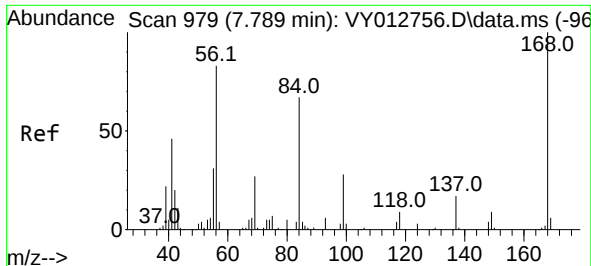
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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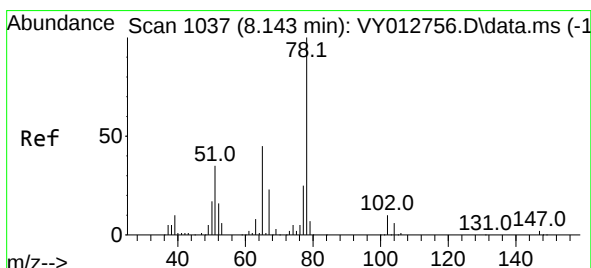
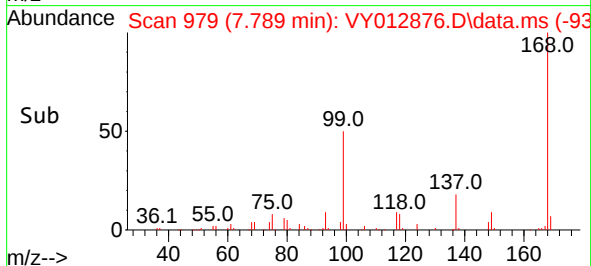
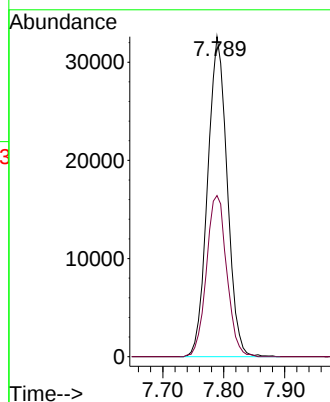
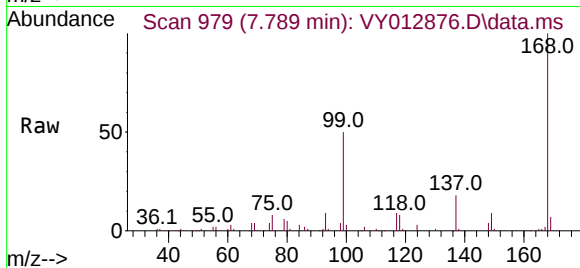




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

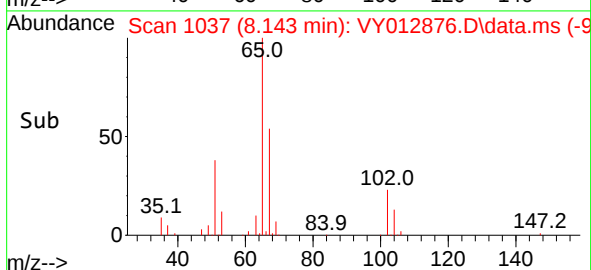
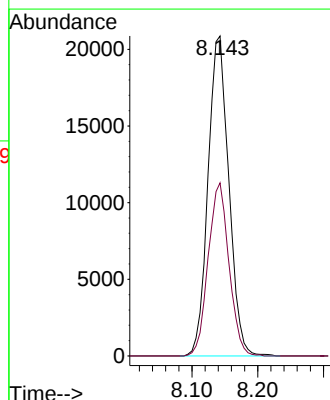
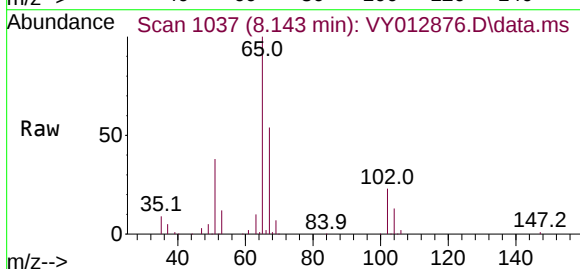
Instrument :
MSVOA_Y
ClientSampleId :
SS-06-20230306

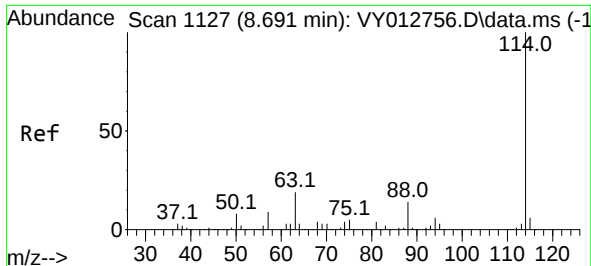
Tgt Ion:168 Resp: 72592
Ion Ratio Lower Upper
168 100
99 50.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 63.712 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

Tgt Ion: 65 Resp: 45920
Ion Ratio Lower Upper
65 100
67 54.0 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: VY012876.D

Acq: 08 Mar 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

SS-06-20230306

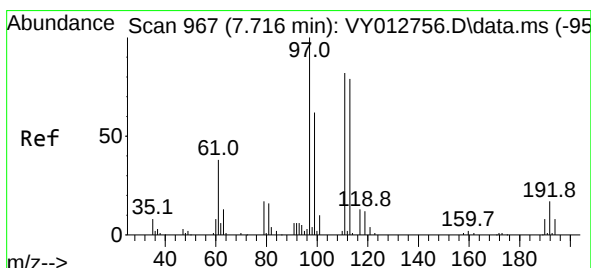
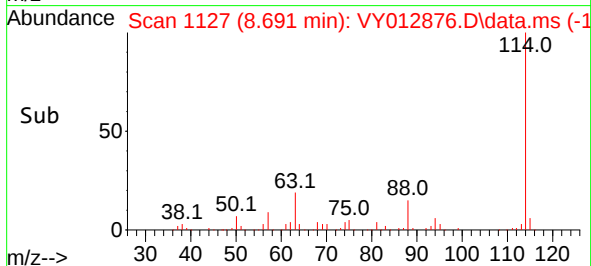
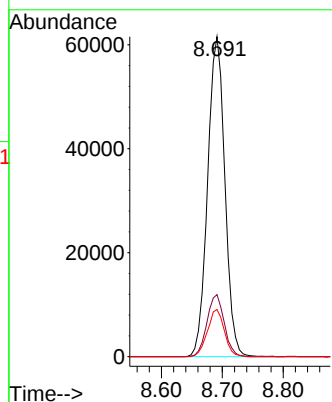
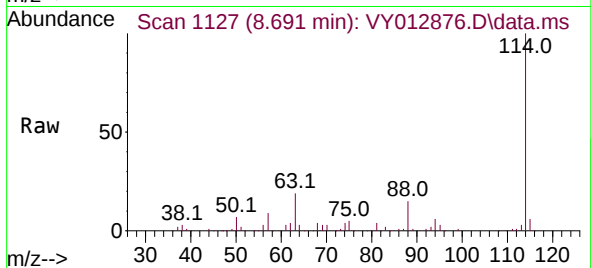
Tgt Ion:114 Resp: 121055

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.278 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012876.D

Acq: 08 Mar 2023 17:13

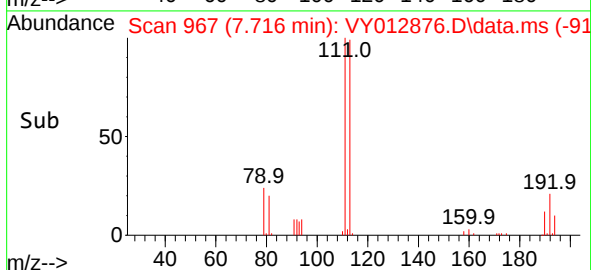
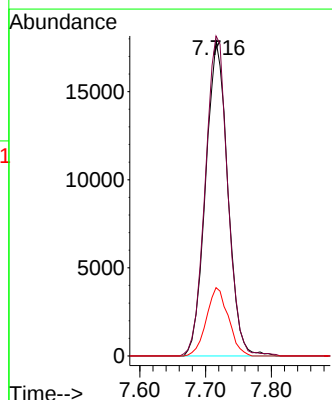
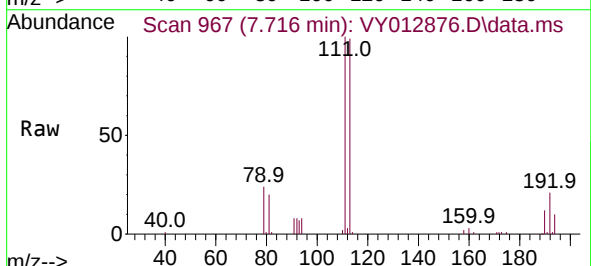
Tgt Ion:113 Resp: 41845

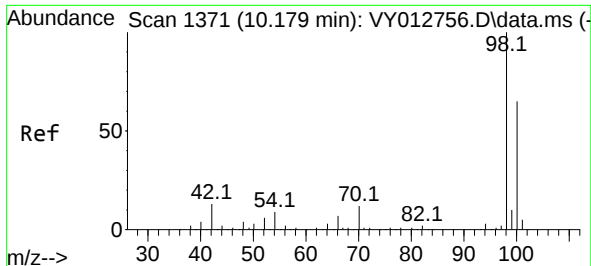
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 21.5 16.8 25.2

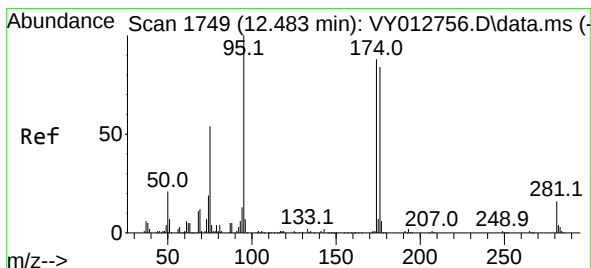
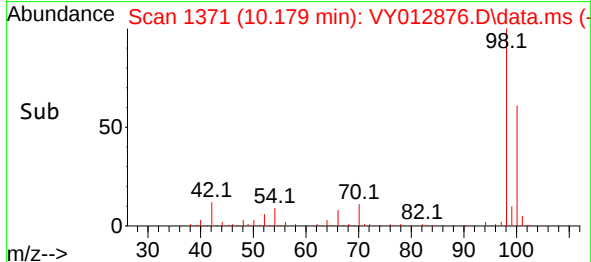
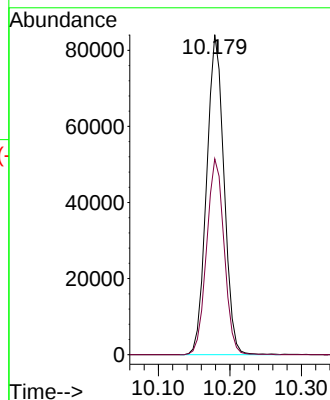
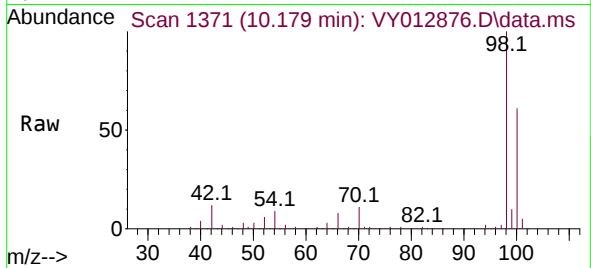




#50
Toluene-d8
Concen: 53.046 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

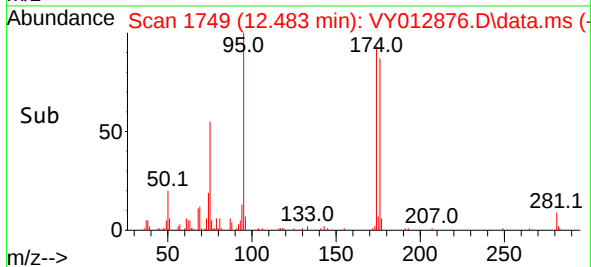
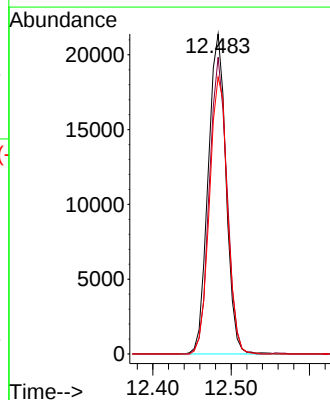
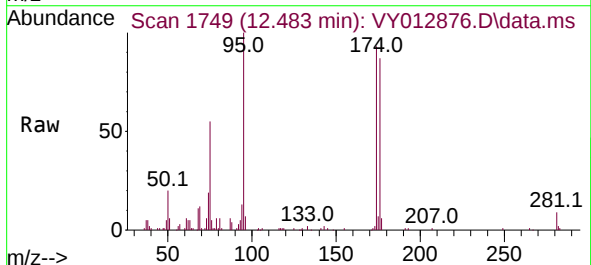
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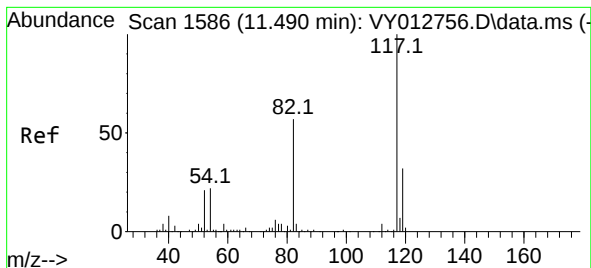
Tgt Ion: 98 Resp: 141676
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 37.619 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

Tgt Ion: 95 Resp: 33912
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.6
176 87.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012876.D

Acq: 08 Mar 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

SS-06-20230306

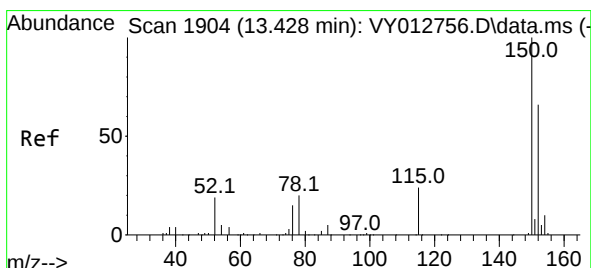
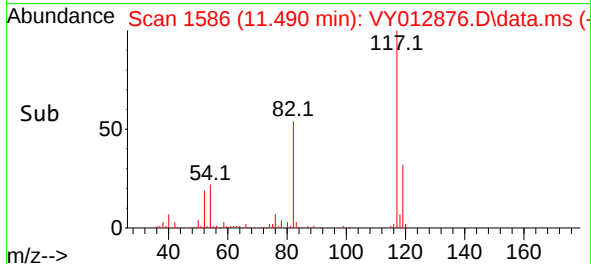
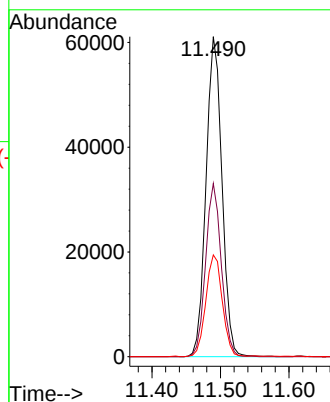
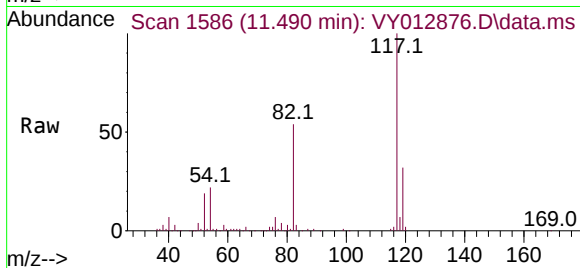
Tgt Ion:117 Resp: 98801

Ion Ratio Lower Upper

117 100

82 54.1 45.4 68.0

119 31.8 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: VY012876.D

Acq: 08 Mar 2023 17:13

Tgt Ion:152 Resp: 33557

Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 155.2 0.0 347.8

