

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012890.D
 Acq On : 09 Mar 2023 11:44
 Operator : KP/MD
 Sample : 01847-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-030823

Quant Time: Mar 10 00:28:19 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)

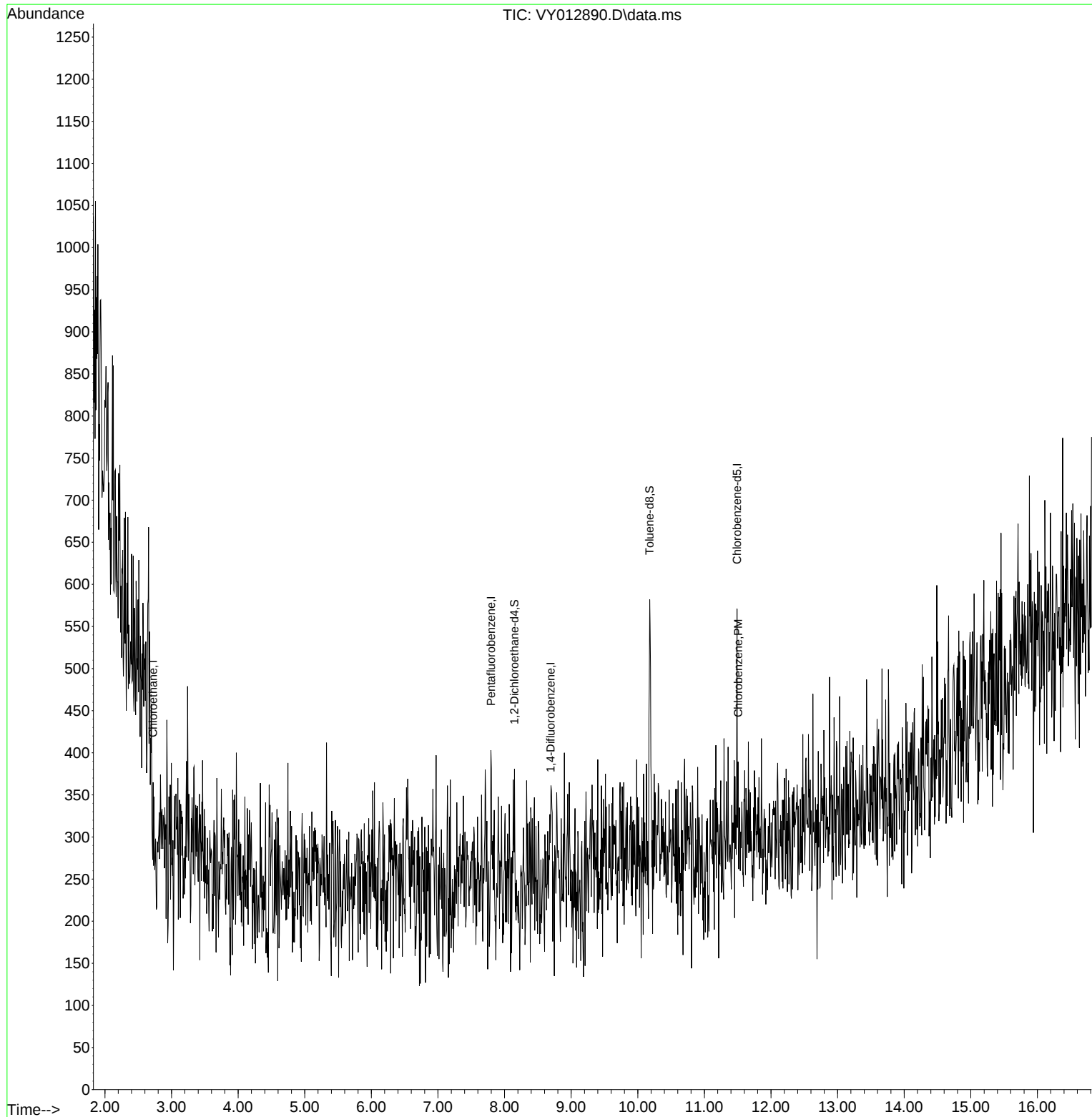
Internal Standards						
1) Pentafluorobenzene	7.795	168	135	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	135	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97	72.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.740%	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.179	98	297	66.313	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.620%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	= 0.000%#	
Target Compounds						Qvalue
6) Chloroethane	2.723	64	19	21.749	ug/l	# 43
65) Chlorobenzene	11.508	112	23	8.118	ug/l	# 44

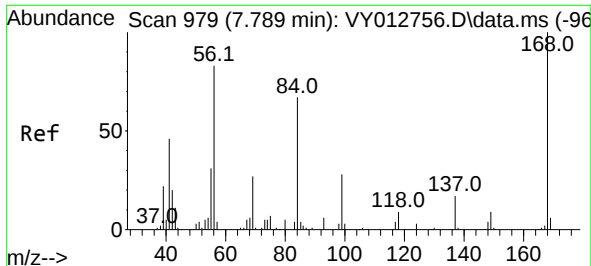
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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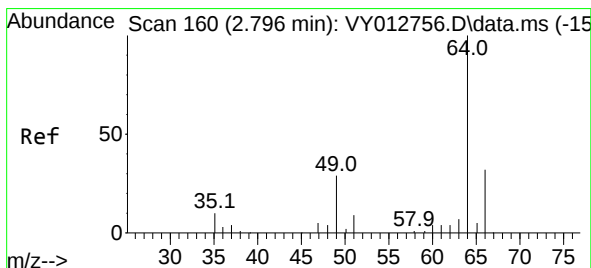
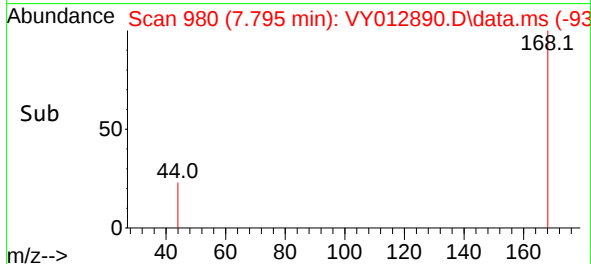
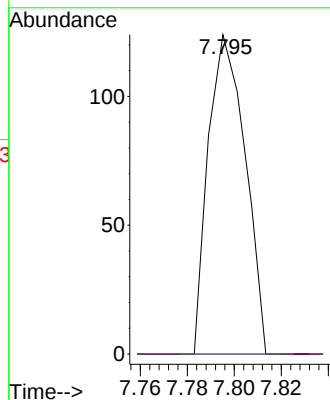
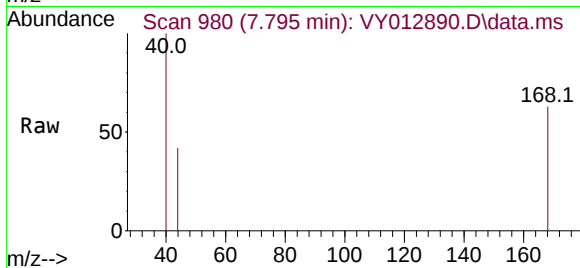




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012890.D
Acq: 09 Mar 2023 11:44

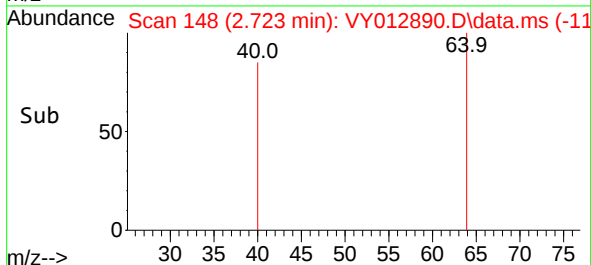
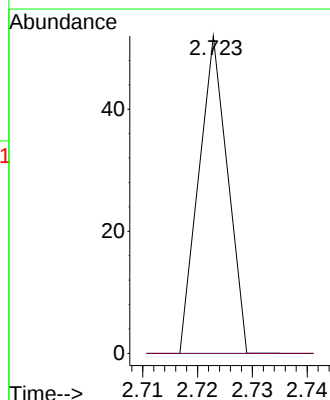
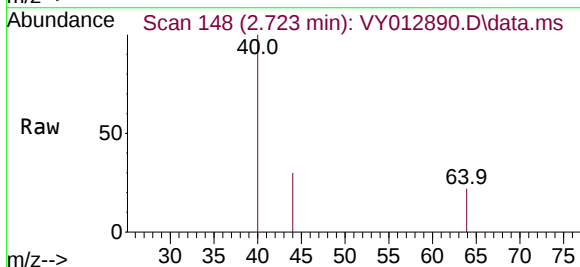
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-030823

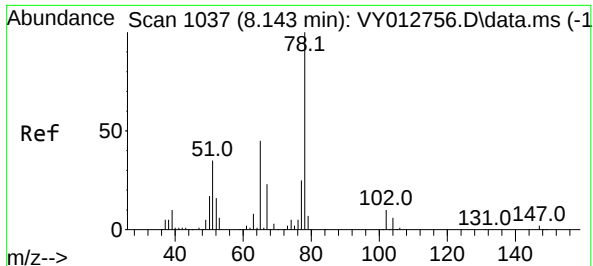
Tgt Ion:168 Resp: 135
Ion Ratio Lower Upper
168 100
99 0.0 41.7 62.5#



#6
Chloroethane
Concen: 21.749 ug/l
RT: 2.723 min Scan# 148
Delta R.T. -0.073 min
Lab File: VY012890.D
Acq: 09 Mar 2023 11:44

Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 72.368 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY012890.D

Acq: 09 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

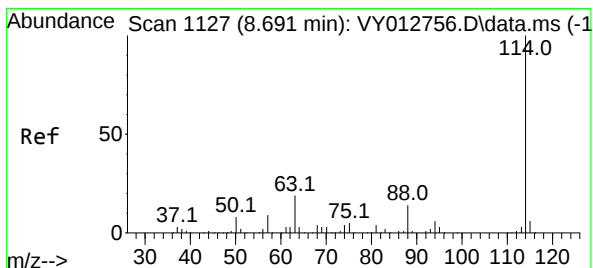
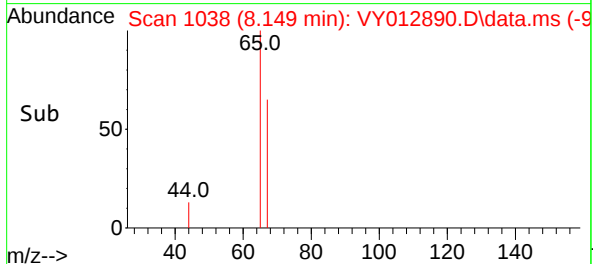
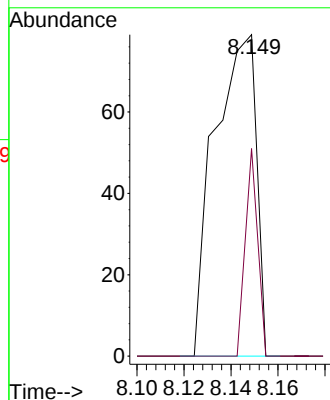
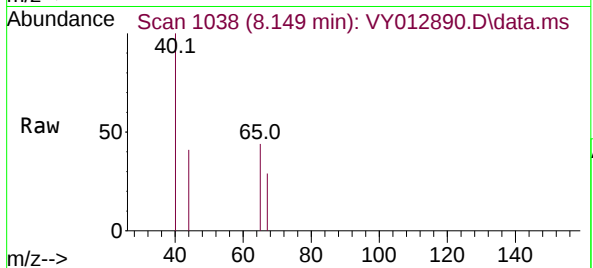
TR-05-030823

Tgt Ion: 65 Resp: 97

Ion Ratio Lower Upper

65 100

67 19.6 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: VY012890.D

Acq: 09 Mar 2023 11:44

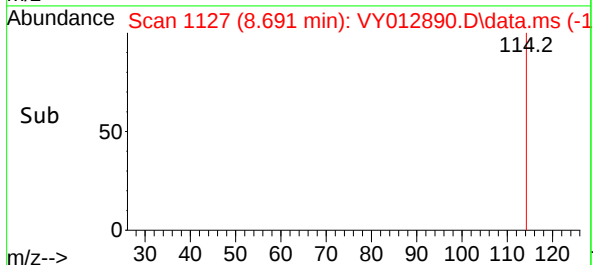
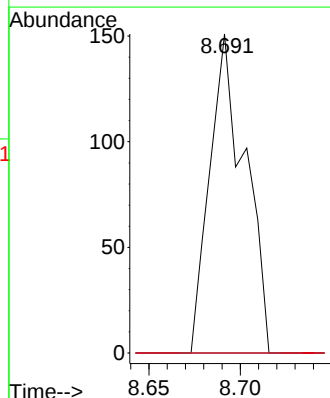
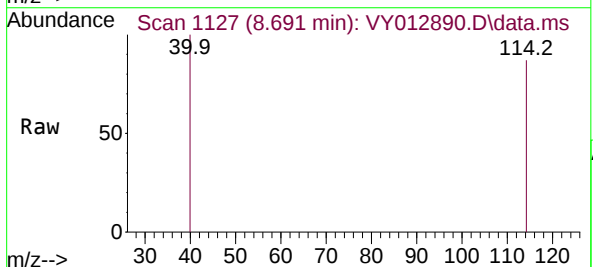
Tgt Ion: 114 Resp: 203

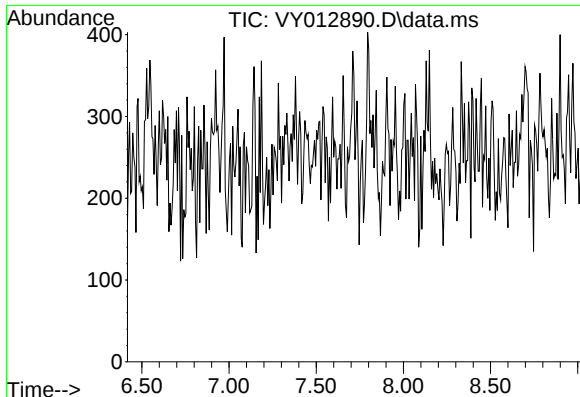
Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.4

88 0.0 0.0 28.6



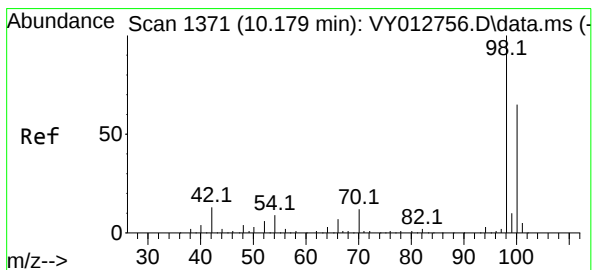
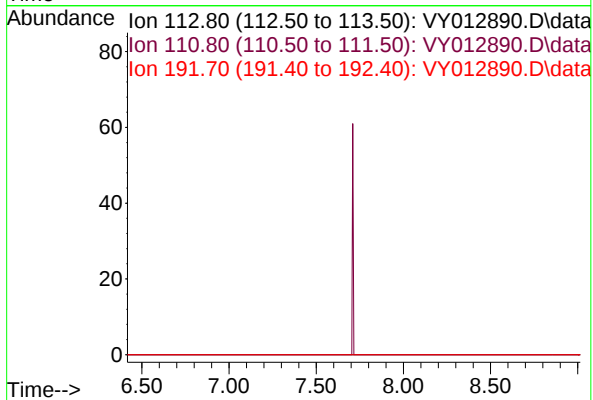


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.72 min
 Lab File: VY012890.D
 Acq: 09 Mar 2023 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-030823

Tgt Ion: 113

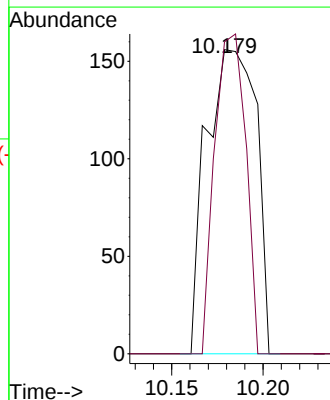
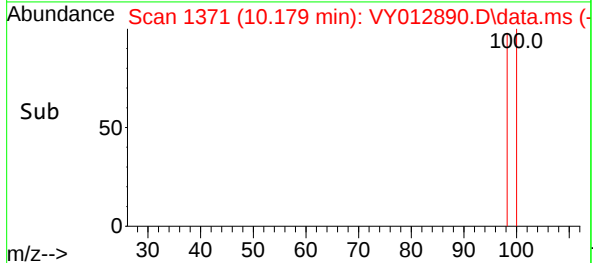
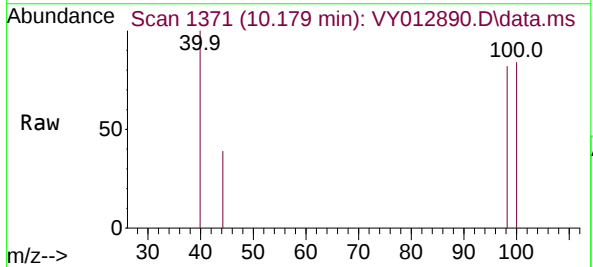
Sig	Exp Ratio
113	100
111	102.7
192	21.0

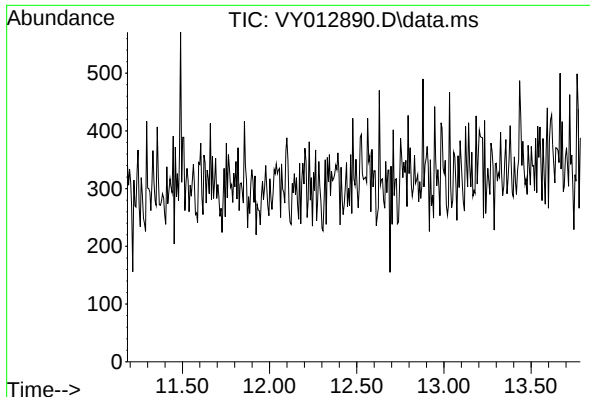


#50
 Toluene-d8
 Concen: 66.313 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY012890.D
 Acq: 09 Mar 2023 11:44

Tgt Ion: 98 Resp: 297

Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.9	76.3

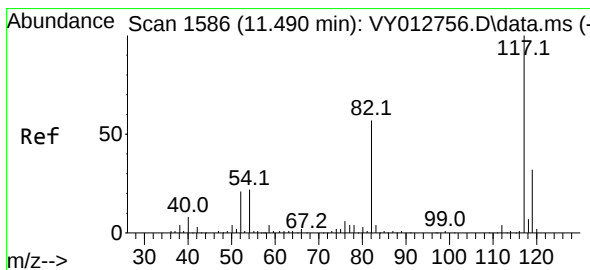
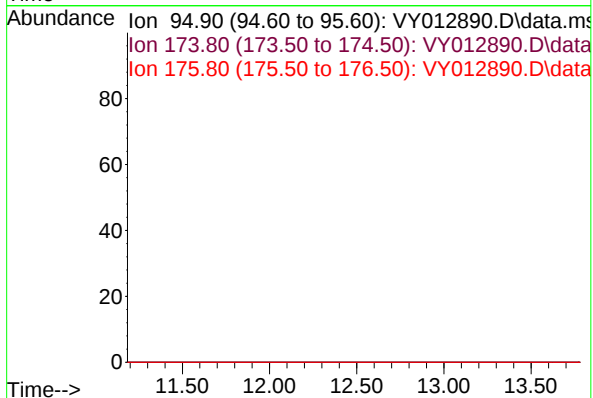




#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min
Lab File: VY012890.D
Acq: 09 Mar 2023 11:44

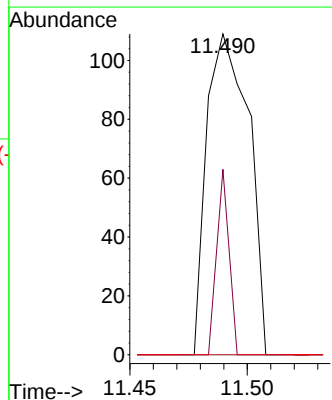
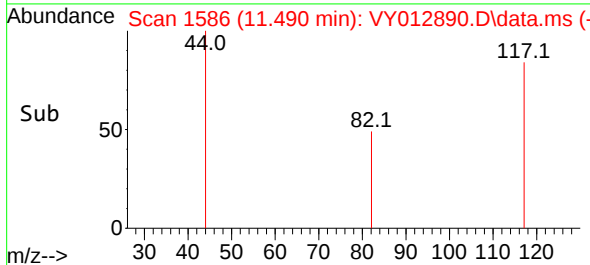
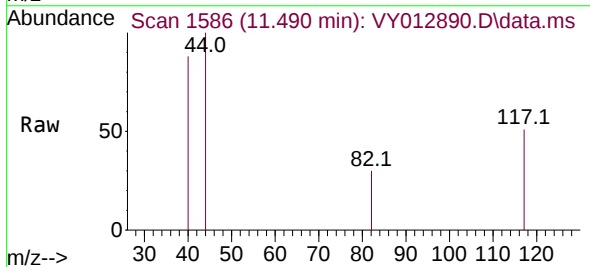
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-030823

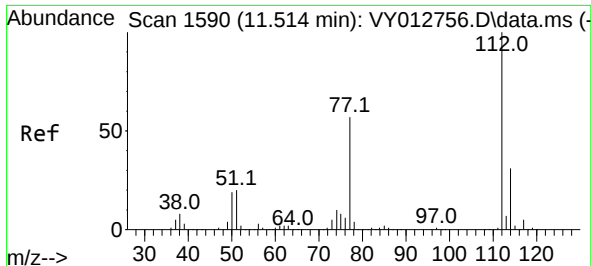
Tgt Ion: 95
Sig Exp Ratio
95 100
174 88.3
176 85.1



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012890.D
Acq: 09 Mar 2023 11:44

Tgt Ion: 117 Resp: 135
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.0
119 0.0 25.6 38.4#

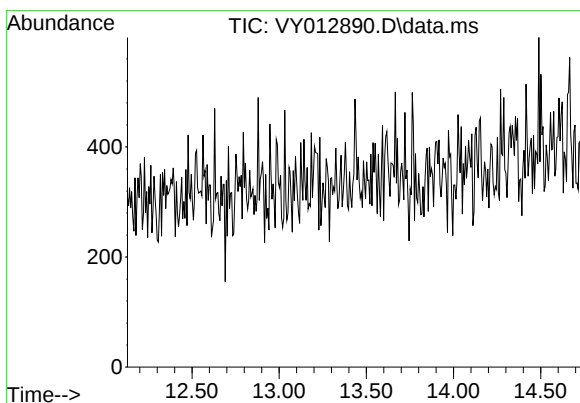
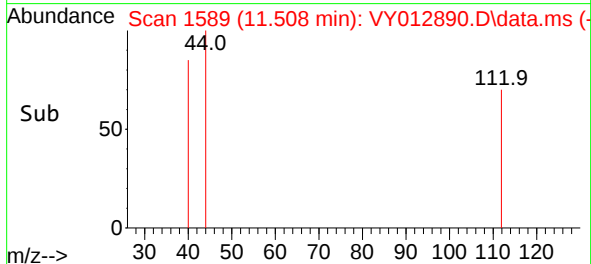
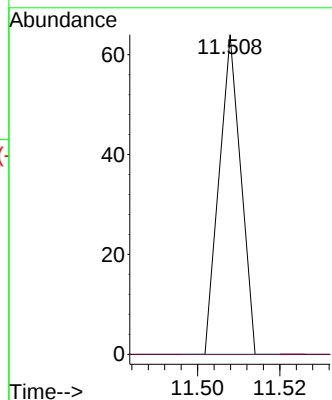
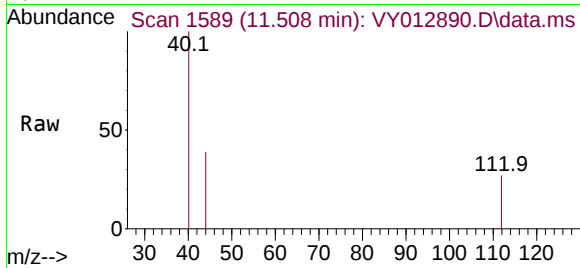




#65
Chlorobenzene
Concen: 8.118 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012890.D
Acq: 09 Mar 2023 11:44

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-030823

Tgt Ion:112 Resp: 23
Ion Ratio Lower Upper
112 100
114 0.0 24.5 36.7#



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

Lab File: VY012890.D
Acq: 09 Mar 2023 11:44

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

