

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013082.D
 Acq On : 24 Mar 2023 16:38
 Operator : KP/MD
 Sample : 02045-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC1-20230322

Quant Time: Mar 25 03:35:55 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)

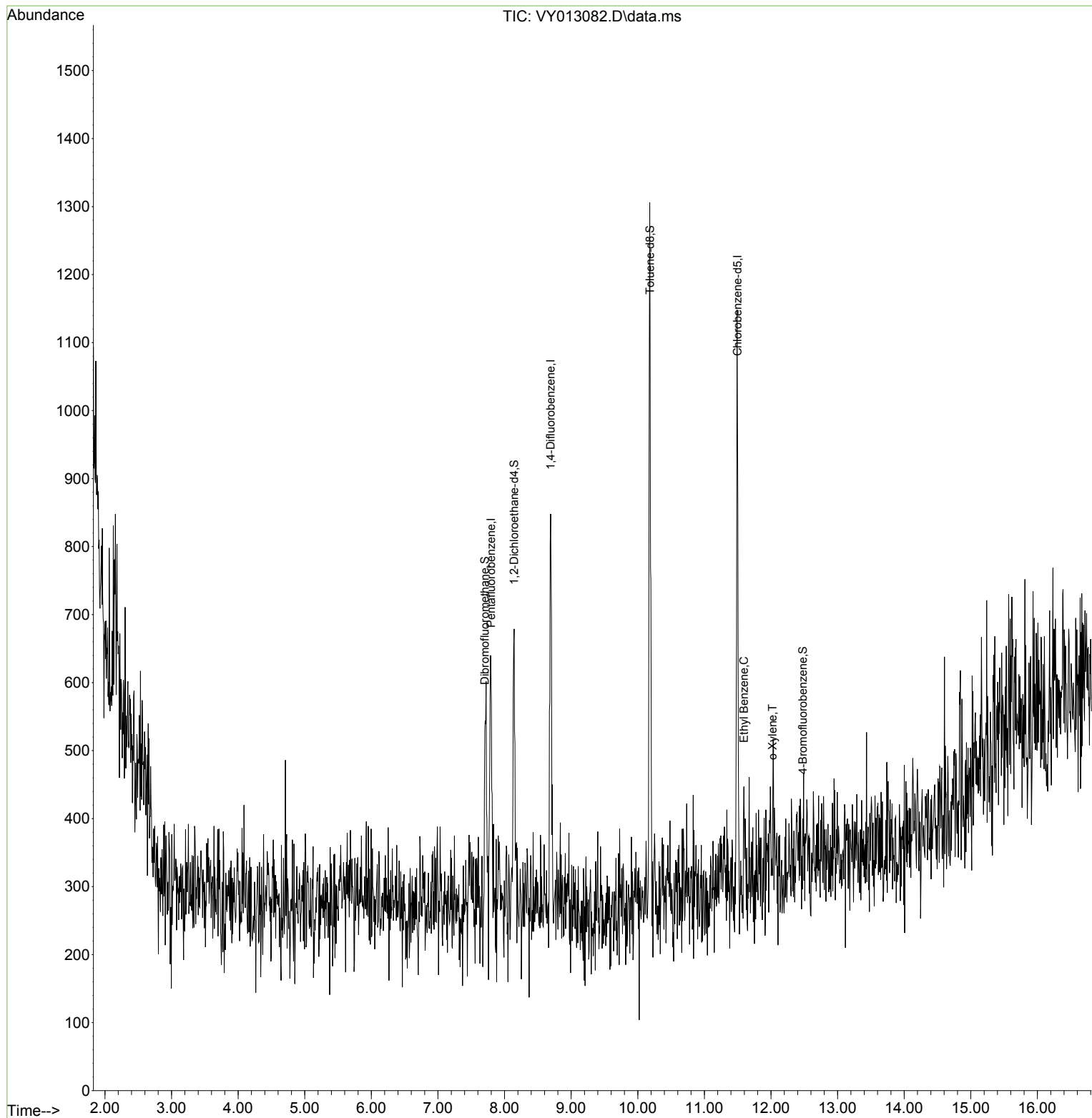
Internal Standards						
1) Pentafluorobenzene	7.795	168	497	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	410	83.087	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.180%#
35) Dibromofluoromethane	7.704	113	111	28.038	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	56.080%
50) Toluene-d8	10.185	98	798	55.137	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.280%
62) 4-Bromofluorobenzene	12.477	95	59	12.078	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	24.160%#
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	31	Below Cal	#	43
67) Ethyl Benzene	11.593	91	88	4.392	ug/l #	43
69) o-Xylene	12.026	106	23	3.197	ug/l #	1

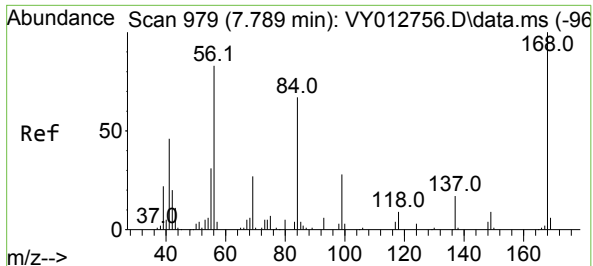
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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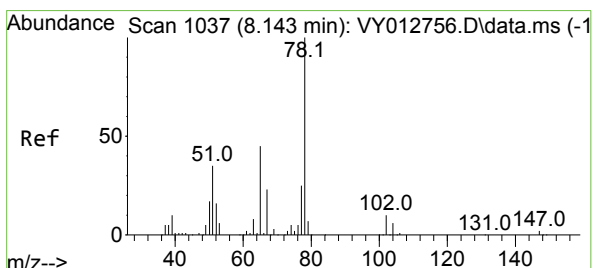
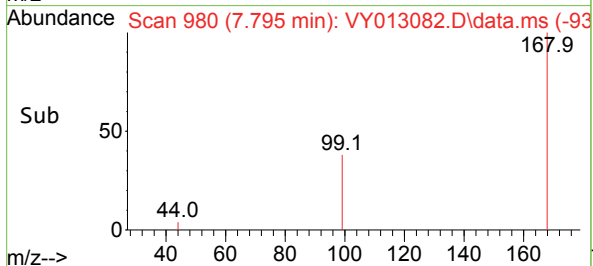
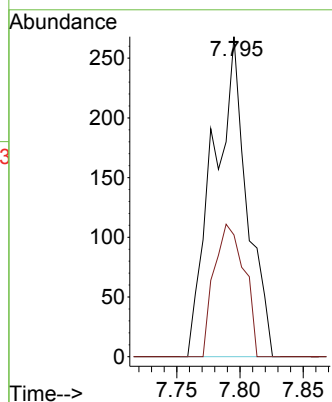
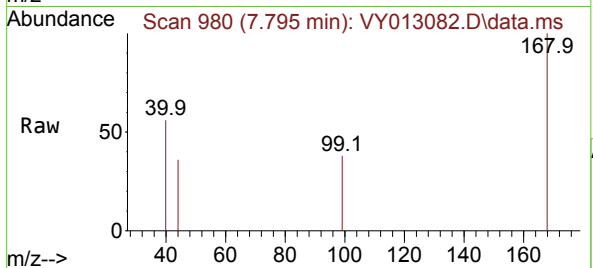




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013082.D
Acq: 24 Mar 2023 16:38

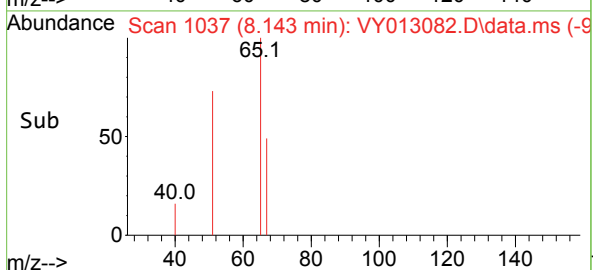
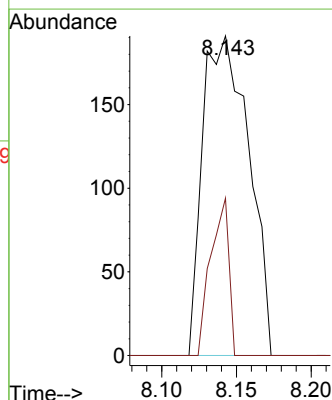
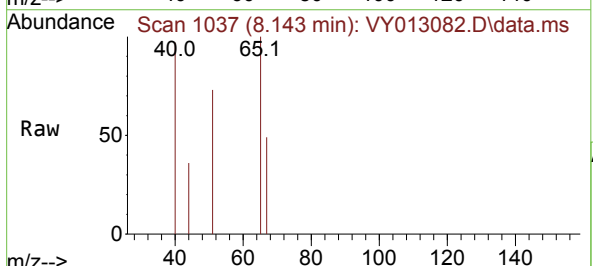
Instrument :
MSVOA_Y
ClientSampleId :
WC1-20230322

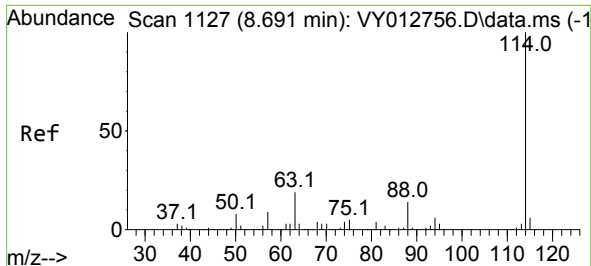
Tgt Ion:168 Resp: 497
Ion Ratio Lower Upper
168 100
99 38.1 41.7 62.5#



#33
1,2-Dichloroethane-d4
Concen: 83.087 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013082.D
Acq: 24 Mar 2023 16:38

Tgt Ion: 65 Resp: 410
Ion Ratio Lower Upper
65 100
67 19.5 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: VY013082.D

Acq: 24 Mar 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

WC1-20230322

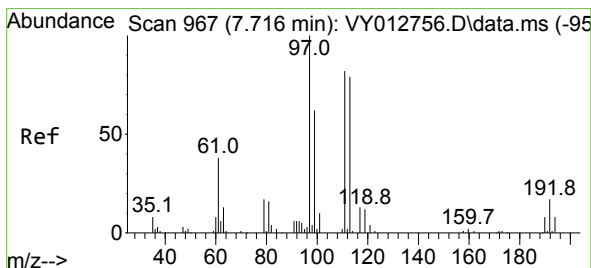
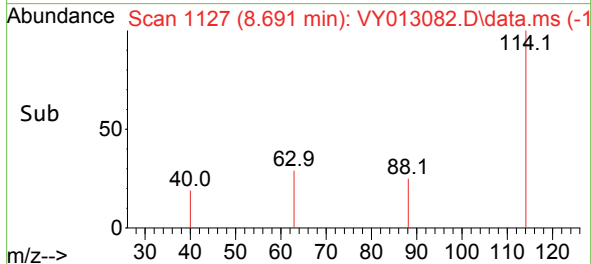
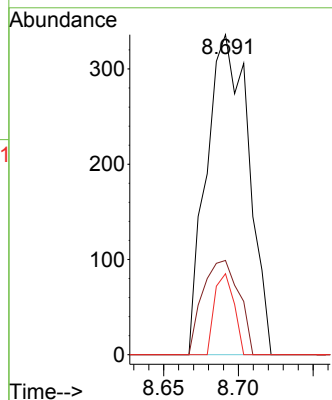
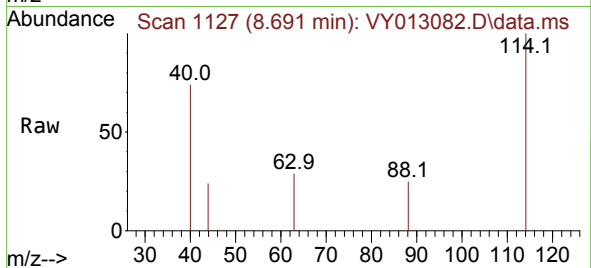
Tgt Ion:114 Resp: 656

Ion Ratio Lower Upper

114 100

63 29.5 0.0 37.4

88 25.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 28.038 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.012 min

Lab File: VY013082.D

Acq: 24 Mar 2023 16:38

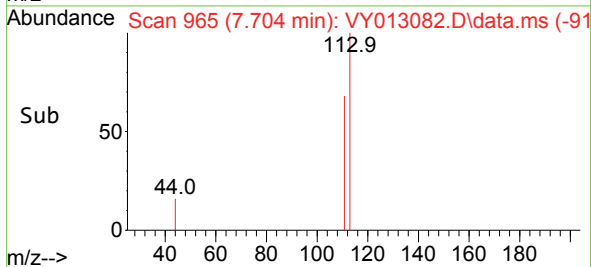
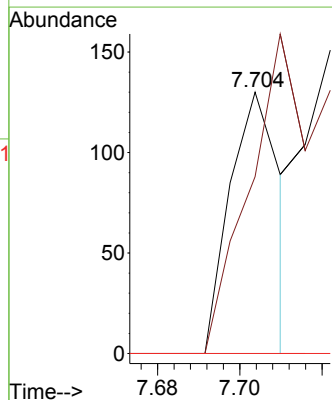
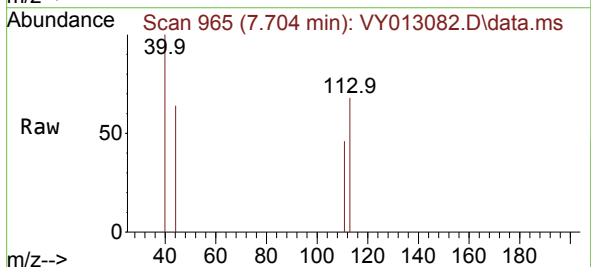
Tgt Ion:113 Resp: 111

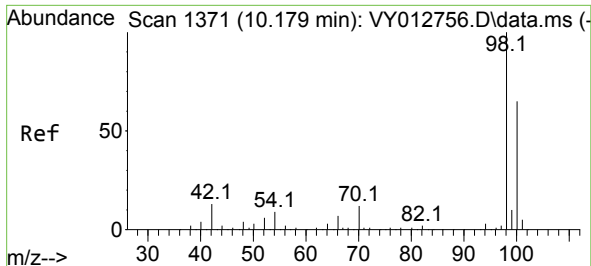
Ion Ratio Lower Upper

113 100

111 265.8 82.2 123.2#

192 0.0 16.8 25.2#

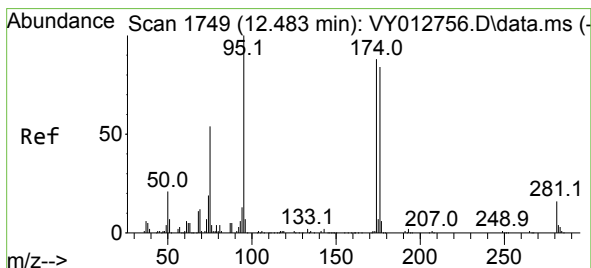
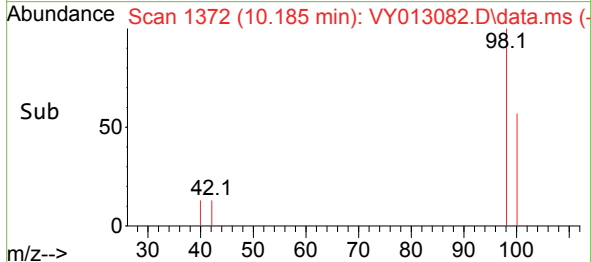
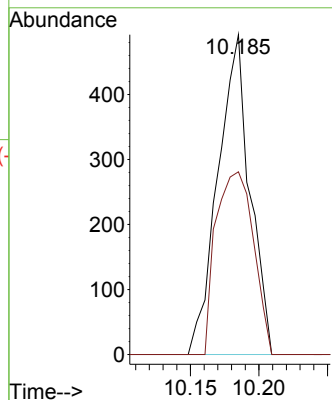
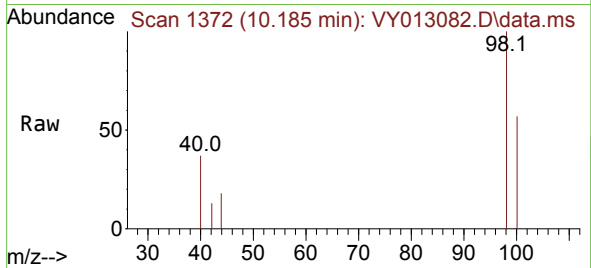




#50
Toluene-d8
Concen: 55.137 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013082.D
Acq: 24 Mar 2023 16:38

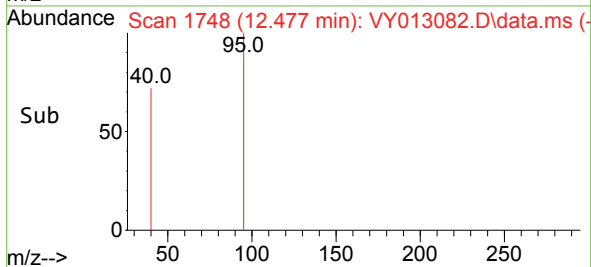
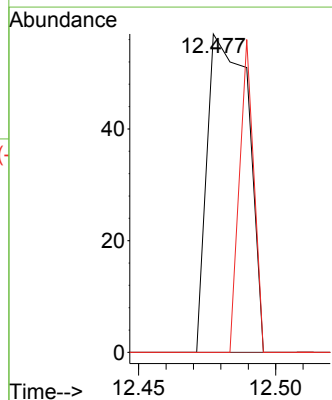
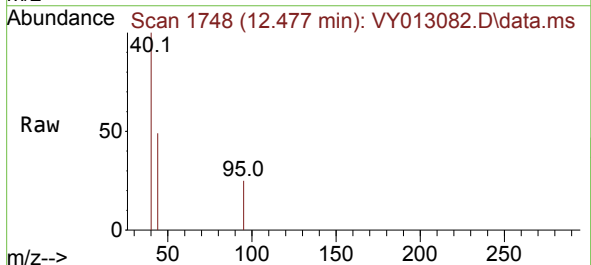
Instrument :
MSVOA_Y
ClientSampleId :
WC1-20230322

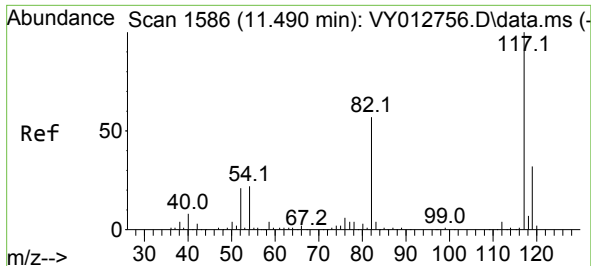
Tgt Ion: 98 Resp: 798
Ion Ratio Lower Upper
98 100
100 67.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 12.078 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013082.D
Acq: 24 Mar 2023 16:38

Tgt Ion: 95 Resp: 59
Ion Ratio Lower Upper
95 100
174 0.0 0.0 176.6
176 33.9 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: VY013082.D

Acq: 24 Mar 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

WC1-20230322

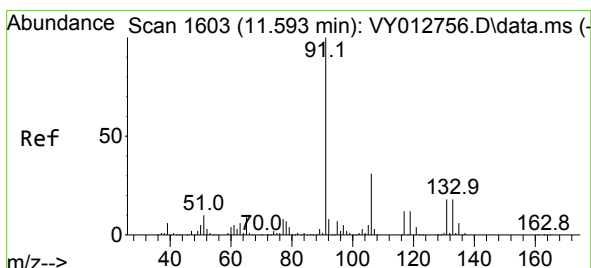
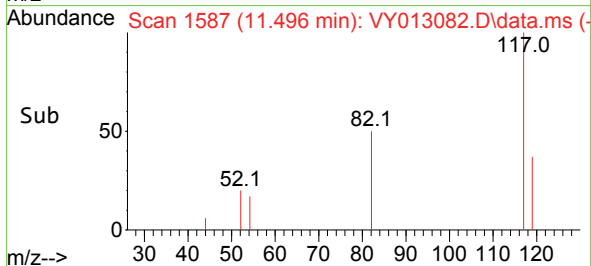
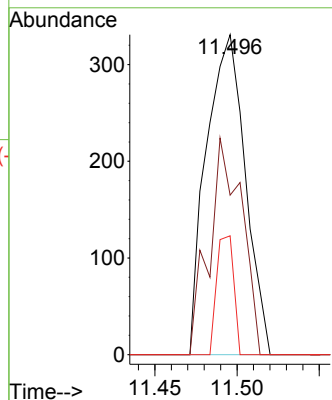
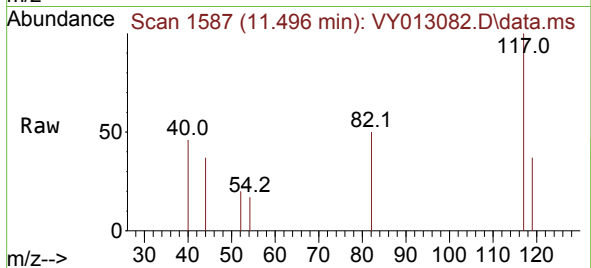
Tgt Ion:117 Resp: 543

Ion Ratio Lower Upper

117 100

82 49.8 45.4 68.0

119 37.2 25.6 38.4



#67

Ethyl Benzene

Concen: 4.392 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013082.D

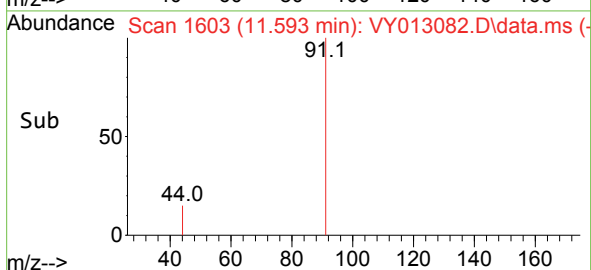
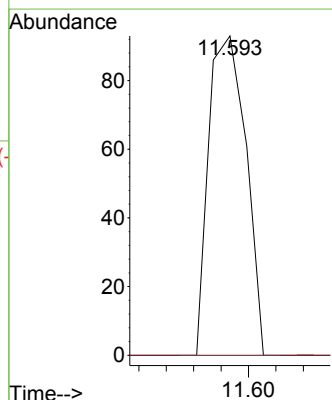
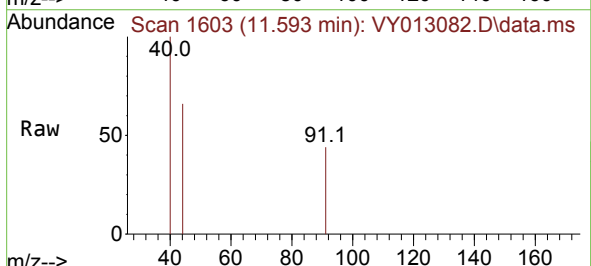
Acq: 24 Mar 2023 16:38

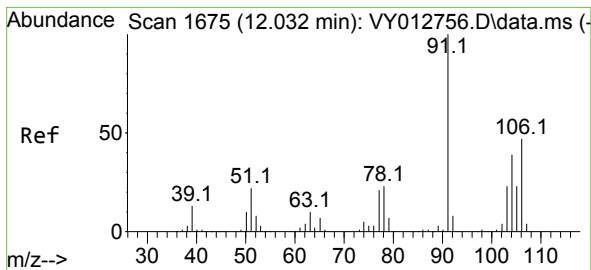
Tgt Ion: 91 Resp: 88

Ion Ratio Lower Upper

91 100

106 0.0 25.1 37.7#

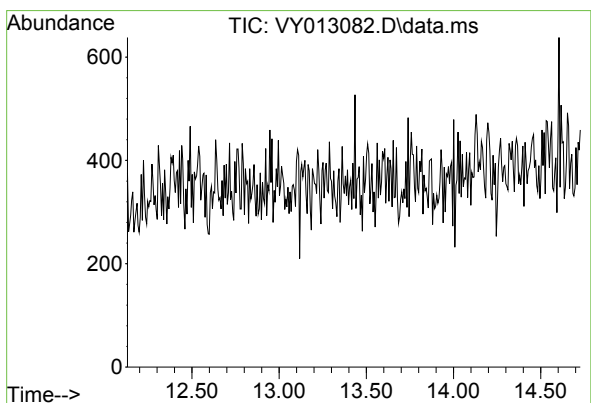
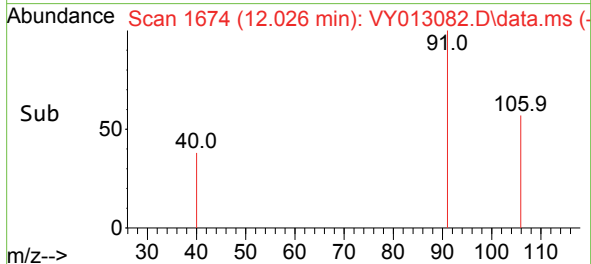
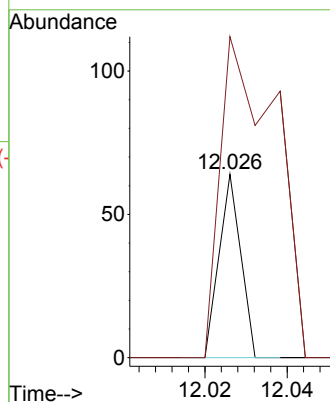
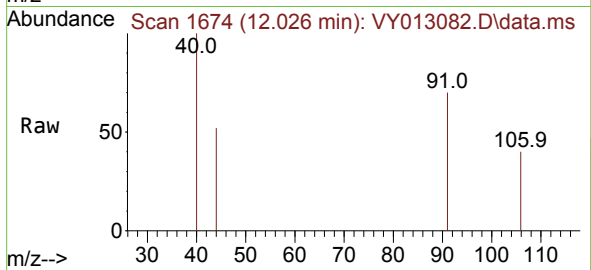




#69
o-Xylene
Concen: 3.197 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY013082.D
Acq: 24 Mar 2023 16:38

Instrument :
MSVOA_Y
ClientSampleId :
WC1-20230322

Tgt Ion:106 Resp: 23
Ion Ratio Lower Upper
106 100
91 456.5 107.2 321.6#



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

Lab File: VY013082.D
Acq: 24 Mar 2023 16:38

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

