

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013076.D
 Acq On : 24 Mar 2023 14:14
 Operator : KP/MD
 Sample : 02045-06
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC1-20230322

Quant Time: Mar 25 03:33:40 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	7.801	168	310	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.685	114	504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	336	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	8.130	65	204	66.279	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.560%	
35) Dibromofluoromethane	7.722	113	75	24.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 49.320%#	
50) Toluene-d8	10.185	98	533	47.933	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.860%	
62) 4-Bromofluorobenzene	12.483	95	19	5.062	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 10.120%#	

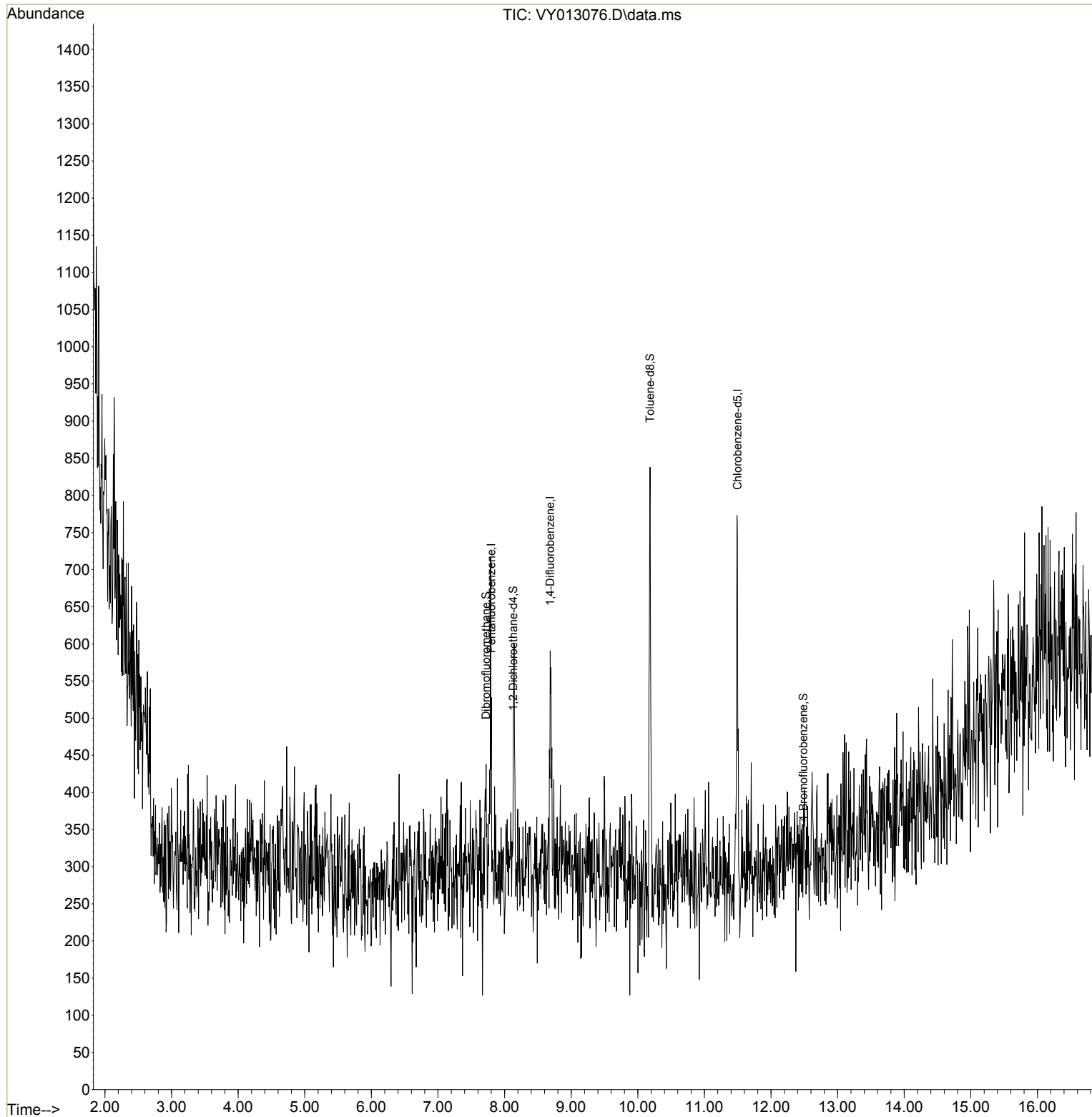
Target Compounds	Qvalue

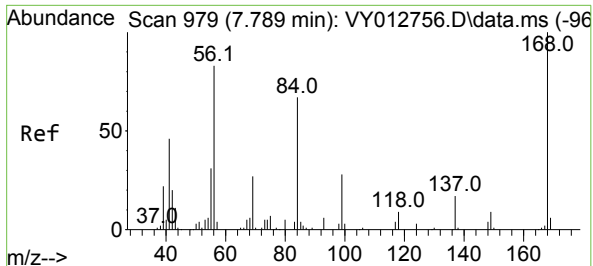
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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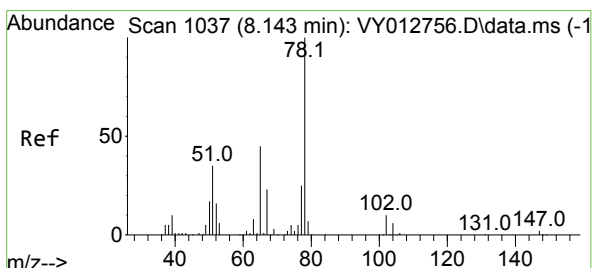
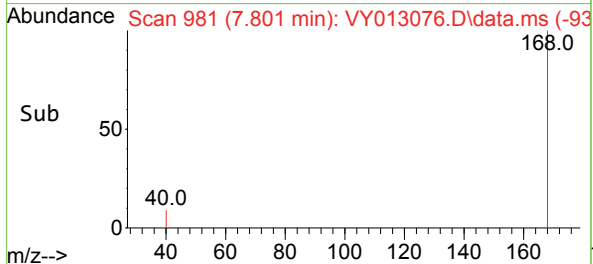
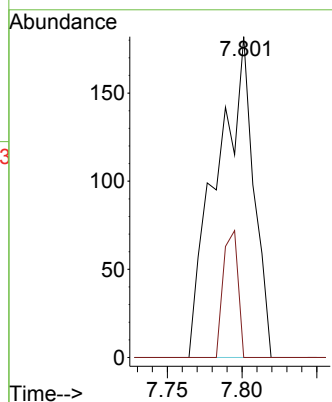
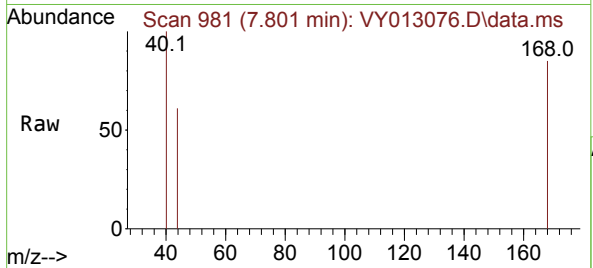




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY013076.D
Acq: 24 Mar 2023 14:14

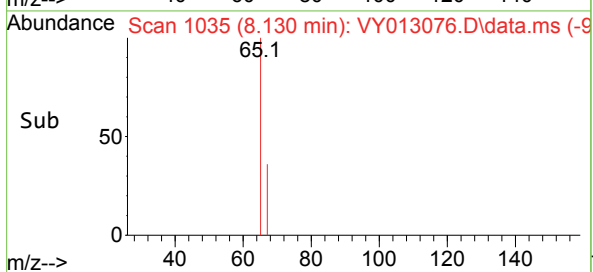
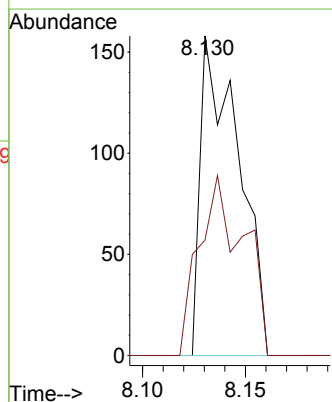
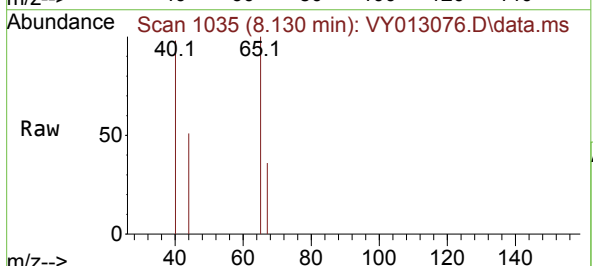
Instrument :
MSVOA_Y
ClientSampleId :
WC1-20230322

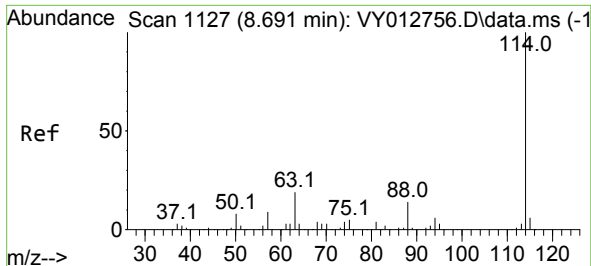
Tgt Ion:168 Resp: 310
Ion Ratio Lower Upper
168 100
99 0.0 41.7 62.5#



#33
1,2-Dichloroethane-d4
Concen: 66.279 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.013 min
Lab File: VY013076.D
Acq: 24 Mar 2023 14:14

Tgt Ion: 65 Resp: 204
Ion Ratio Lower Upper
65 100
67 66.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013076.D

Acq: 24 Mar 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

WC1-20230322

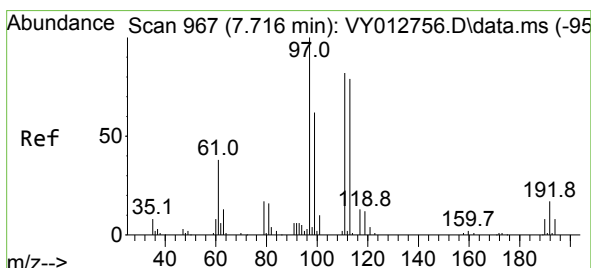
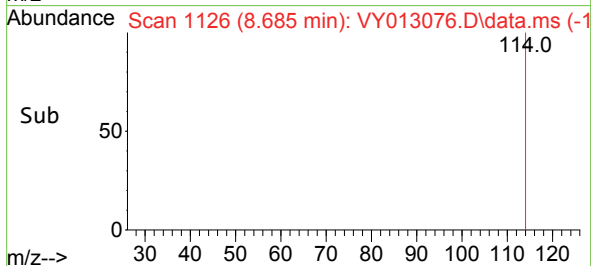
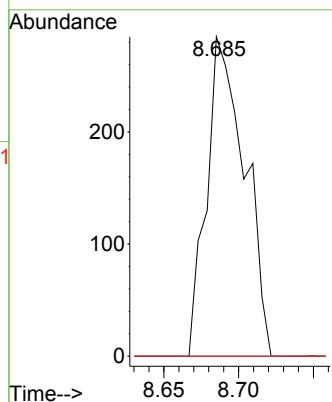
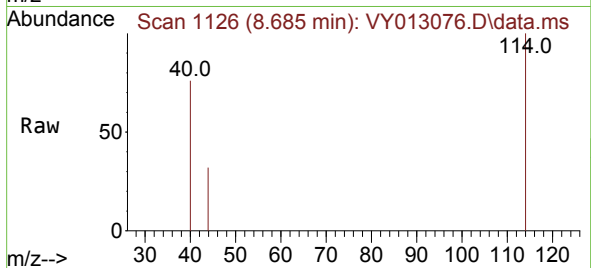
Tgt Ion:114 Resp: 504

Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.4

88 0.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 24.658 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013076.D

Acq: 24 Mar 2023 14:14

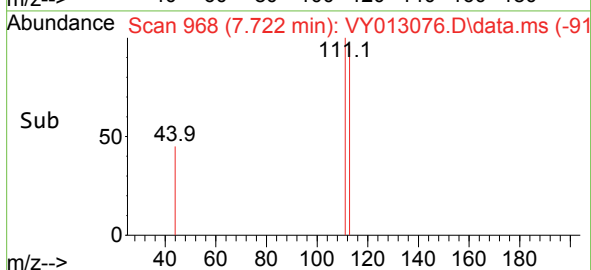
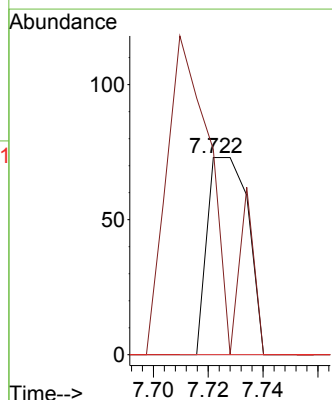
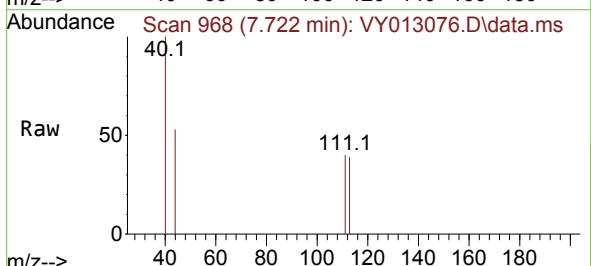
Tgt Ion:113 Resp: 75

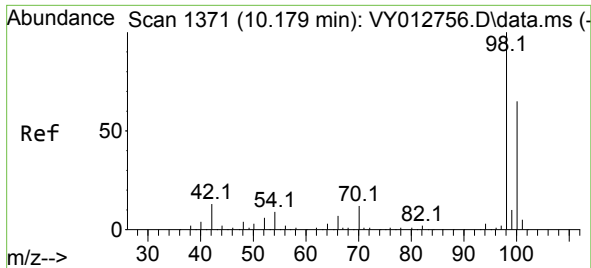
Ion Ratio Lower Upper

113 100

111 198.7 82.2 123.2#

192 0.0 16.8 25.2#

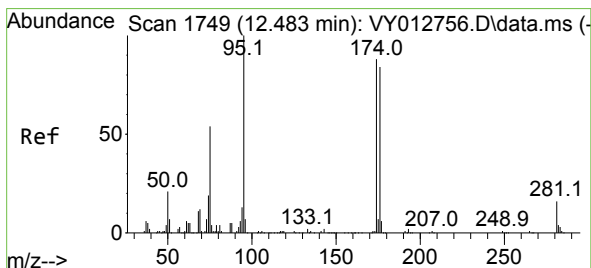
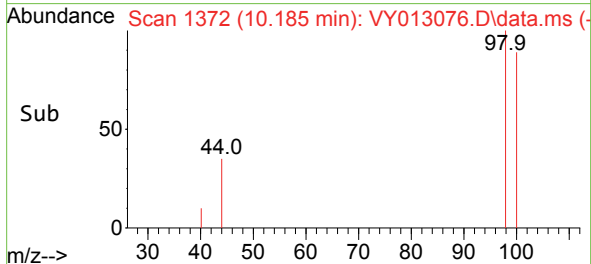
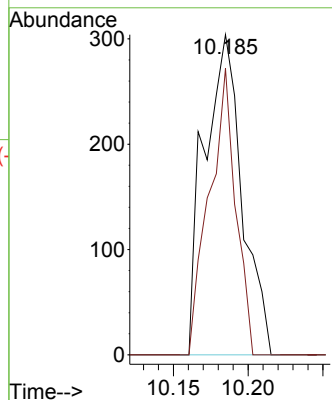
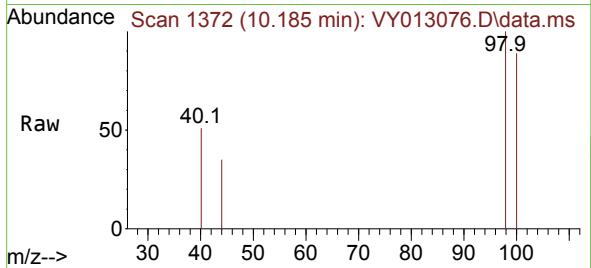




#50
Toluene-d8
Concen: 47.933 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013076.D
Acq: 24 Mar 2023 14:14

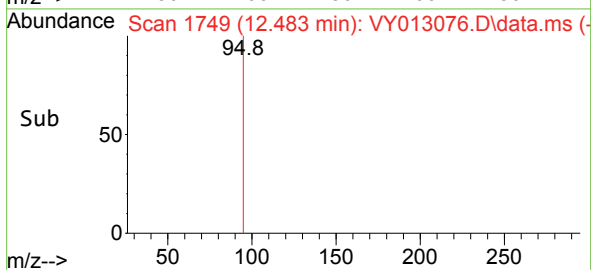
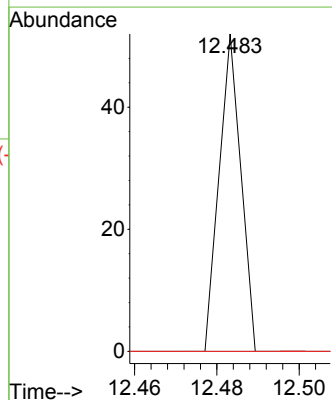
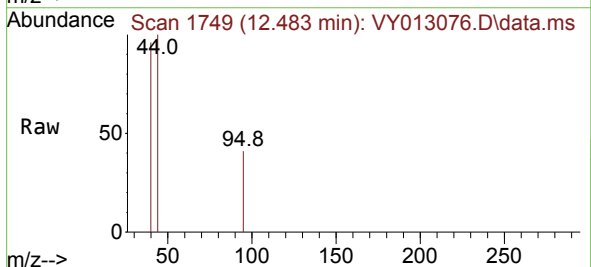
Instrument :
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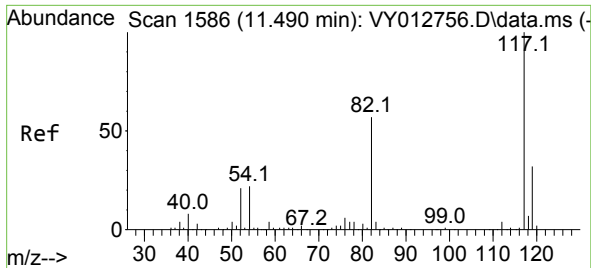
Tgt Ion: 98 Resp: 533
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 5.062 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013076.D
Acq: 24 Mar 2023 14:14

Tgt Ion: 95 Resp: 19
Ion Ratio Lower Upper
95 100
174 0.0 0.0 176.6
176 0.0 0.0 170.2

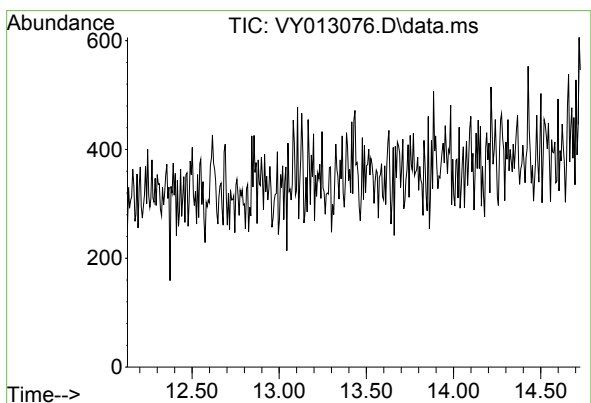
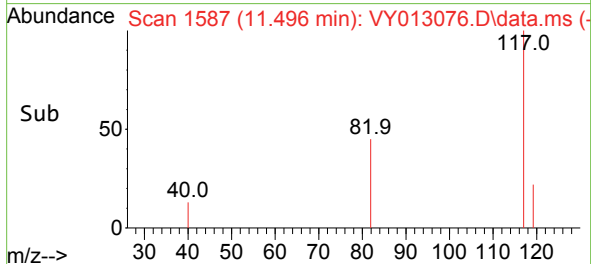
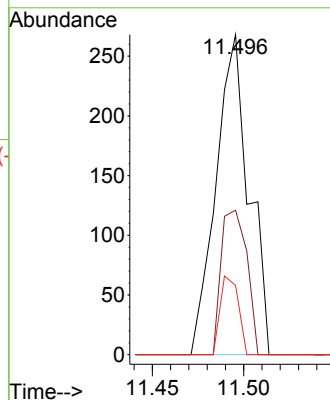
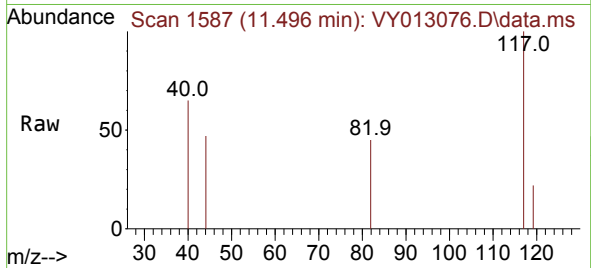




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013076.D
Acq: 24 Mar 2023 14:14

Instrument :
MSVOA_Y
ClientSampleId :
WC1-20230322

Tgt Ion:117 Resp: 336
Ion Ratio Lower Upper
117 100
82 45.1 45.4 68.0#
119 21.6 25.6 38.4#



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

Lab File: VY013076.D
Acq: 24 Mar 2023 14:14

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

