

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
 Data File : VL039023.D
 Acq On : 11 May 2022 16:11
 Operator : SY/AP
 Sample : N2698-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/11/2022
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 11 16:41:48 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.652	49	965265	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.153	114	2737796	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.057	117	2318408	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.388	95	1785698	9.726	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%
Target Compounds						
					Qvalue	
13) Ethanol	3.600	45	74852m	20.221	ppbv	
26) Hexane	5.677	57	64843	0.670	ppbv #	41
58) Ethyl Benzene	12.677	91	868091	2.602	ppbv	98
59) m/p-Xylene	12.938	91	3246053	11.396	ppbv	93
60) o-Xylene	13.658	91	1217166	4.540	ppbv	99

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

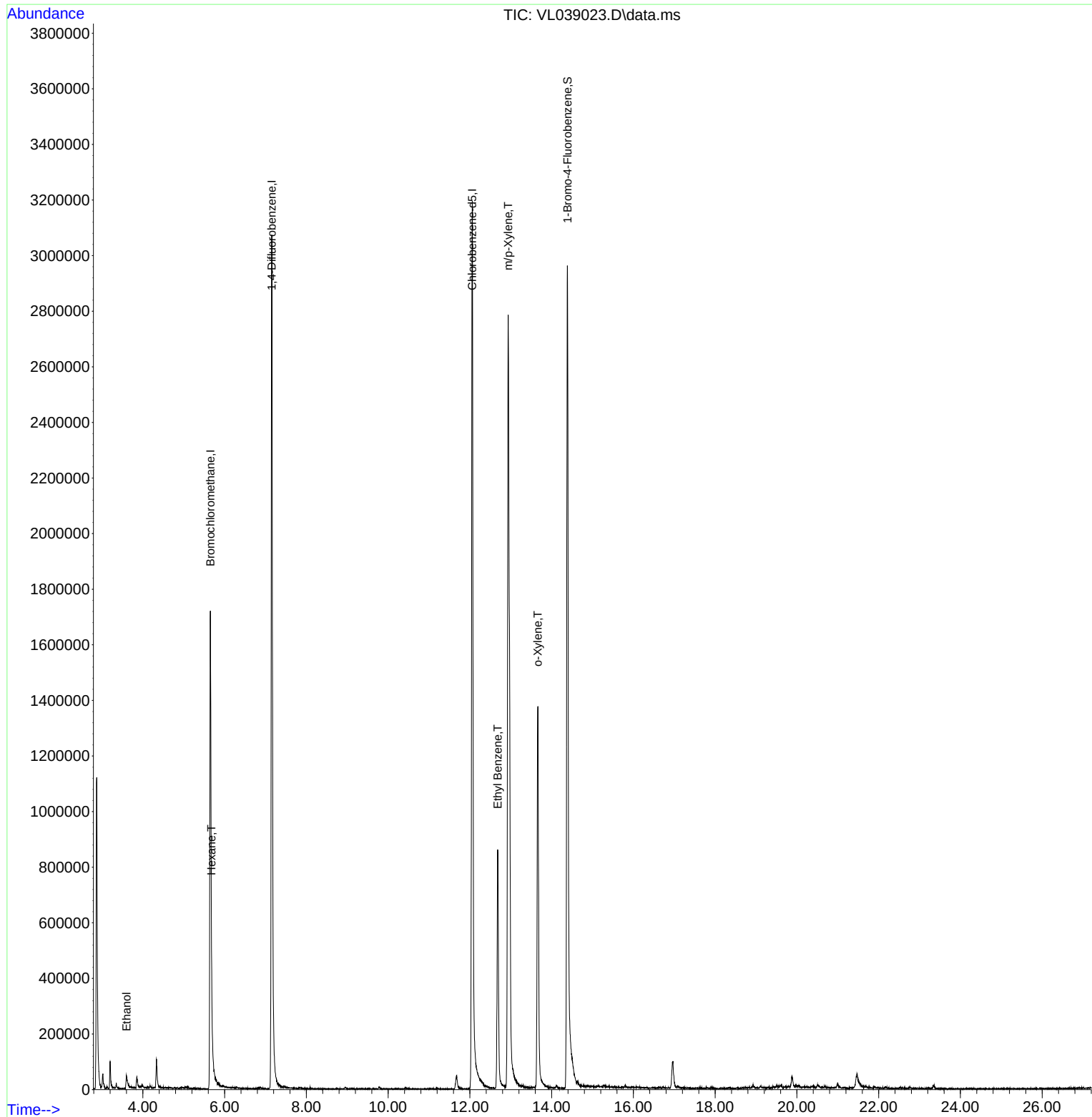
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
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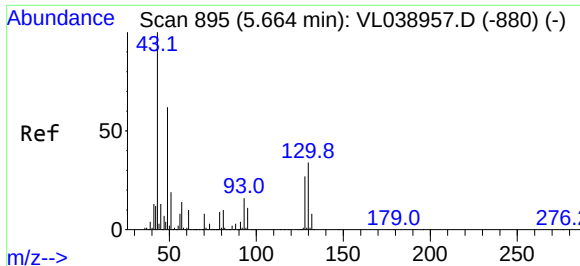
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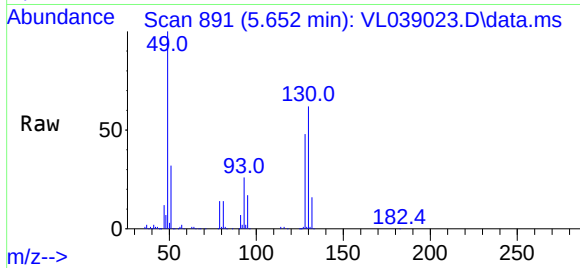
Quant Time: May 11 16:41:48 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 895
Delta R.T. -0.013 min
Lab File: VL039023.D
Acq: 11 May 2022 16:11

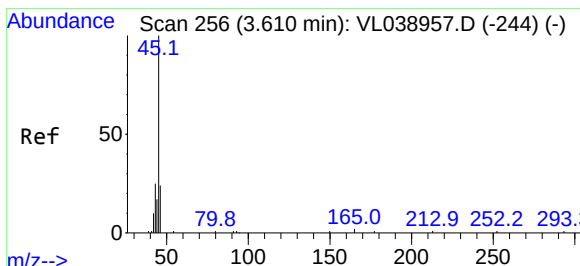
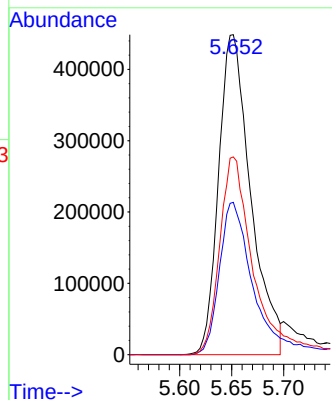
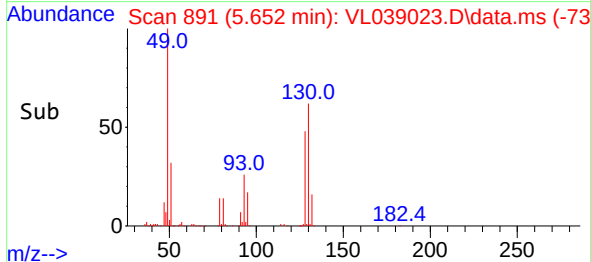
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



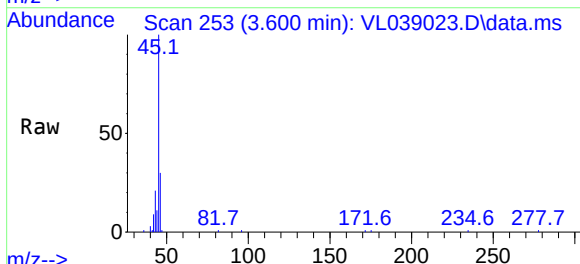
Tgt Ion: 49 Resp: 96526
Ion Ratio Lower Upper
49 100
128 52.5 23.3 69.8
130 67.8 29.8 89.3

Manual Integrations
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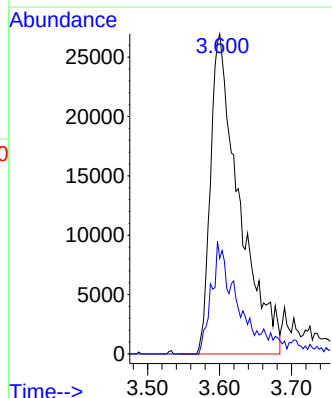
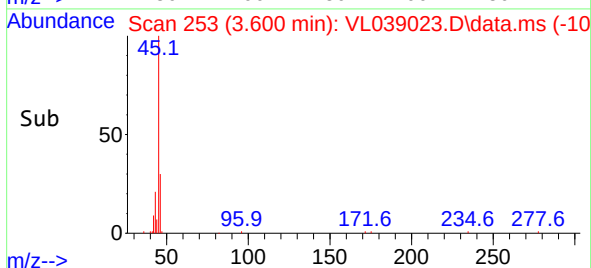
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Supervised By :Mahesh Dadoda 05/16/2022

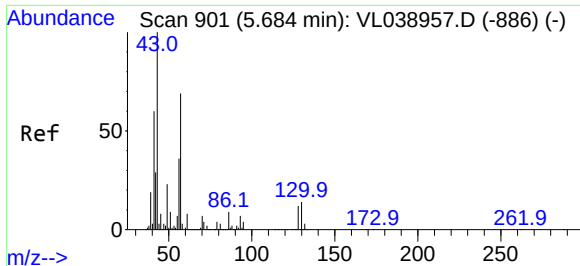


#13
Ethanol
Concen: 20.221 ppbv m
RT: 3.600 min Scan# 253
Delta R.T. -0.010 min
Lab File: VL039023.D
Acq: 11 May 2022 16:11



Tgt Ion: 45 Resp: 74852
Ion Ratio Lower Upper
45 100
46 36.3 18.0 72.2





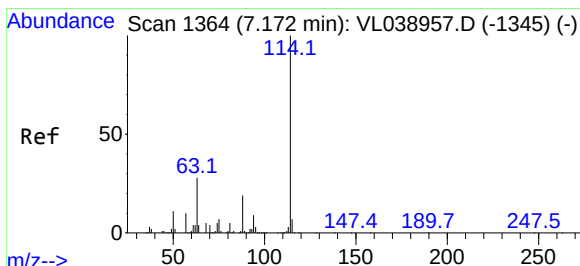
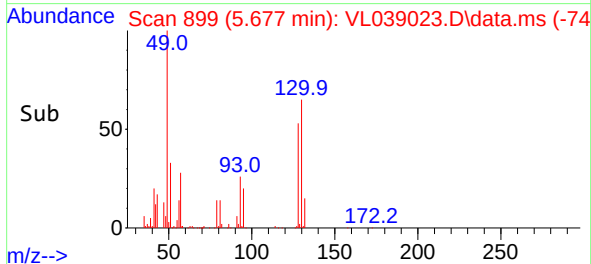
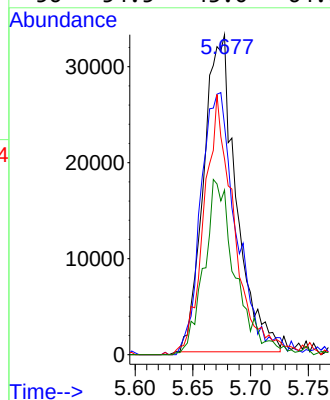
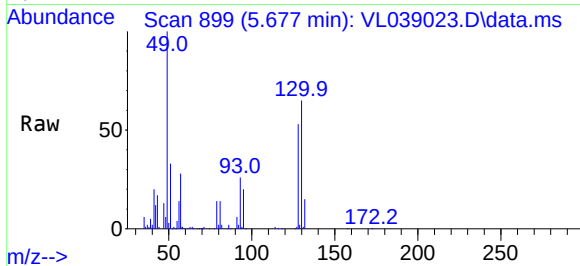
#26
Hexane
Concen: 0.670 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.006 min
Lab File: VL039023.D
Acq: 11 May 2022 16:11

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 57	Resp: 6484
Ion Ratio	Lower Upper
57 100	
41 91.6	75.2 112.8
43 78.0	190.8 286.2
56 54.5	43.0 64.6

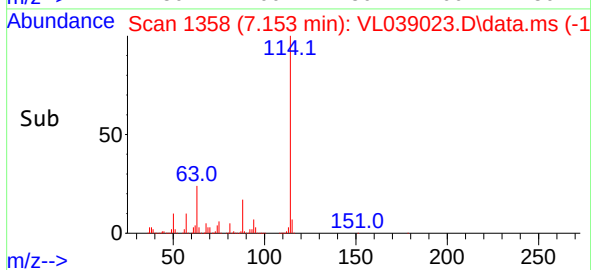
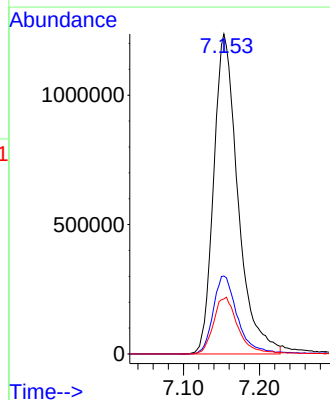
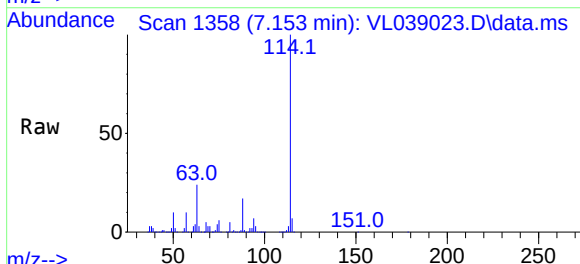
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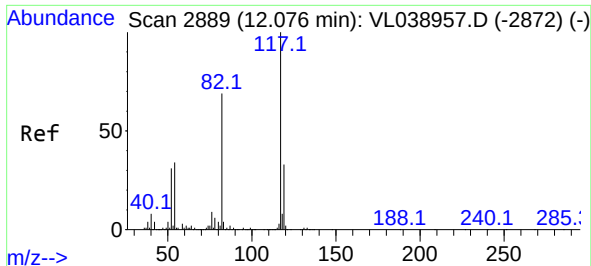
Reviewed By :Semsettin Yesilyurt 05/11/2022
Supervised By :Mahesh Dadoda 05/16/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 1358
Delta R.T. -0.019 min
Lab File: VL039023.D
Acq: 11 May 2022 16:11

Tgt Ion:114	Resp: 2737796		
Ion	Ratio	Lower	Upper
114	100		
63	24.9	22.6	33.8
88	18.2	15.4	23.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.057 min Scan# 2883

Delta R.T. -0.019 min

Lab File: VL039023.D

Acq: 11 May 2022 16:11

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tgt Ion:117 Resp: 231840

Ion Ratio Lower Upper

117 100

82 68.1 57.0 85.6

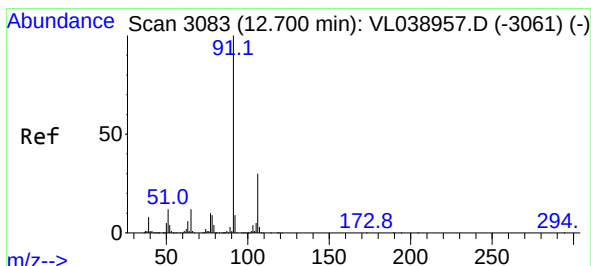
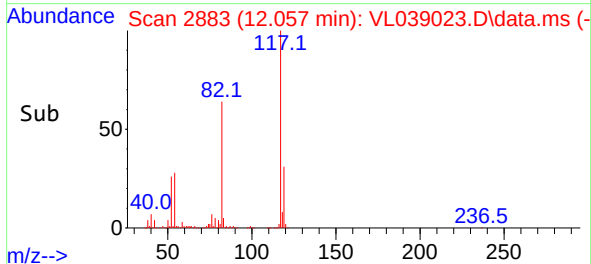
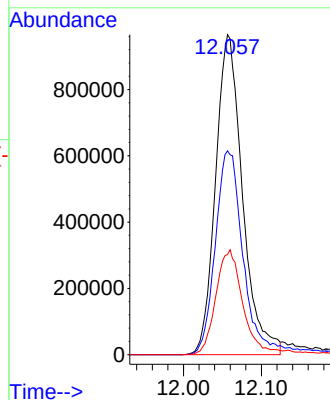
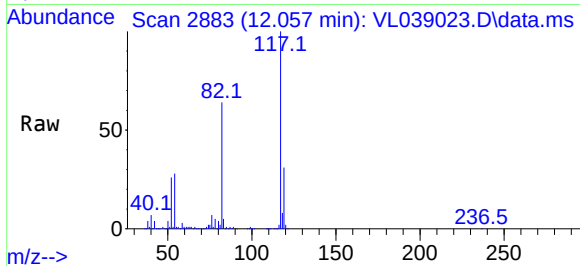
119 33.9 27.2 40.8

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#58

Ethyl Benzene

Concen: 2.602 ppbv

RT: 12.677 min Scan# 3076

Delta R.T. -0.022 min

Lab File: VL039023.D

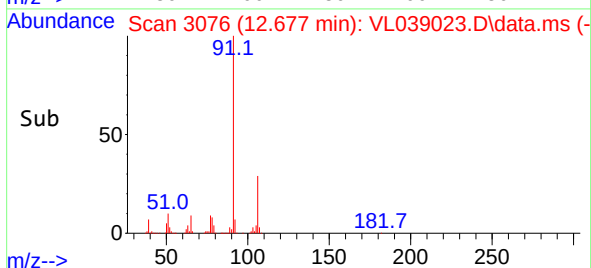
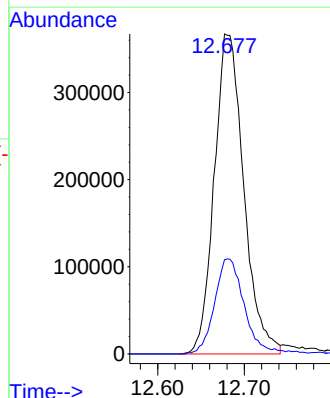
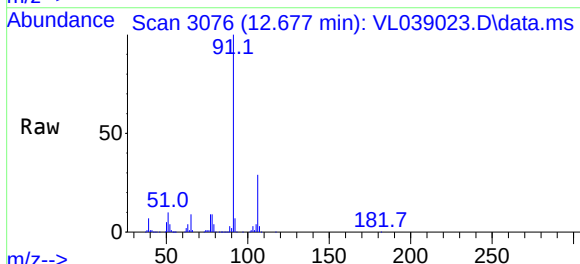
Acq: 11 May 2022 16:11

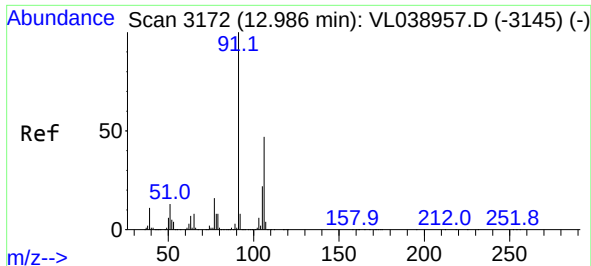
Tgt Ion: 91 Resp: 868091

Ion Ratio Lower Upper

91 100

106 29.5 24.2 36.4





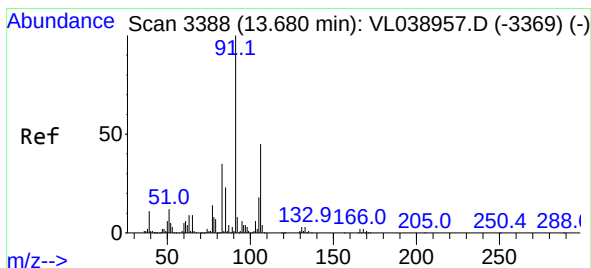
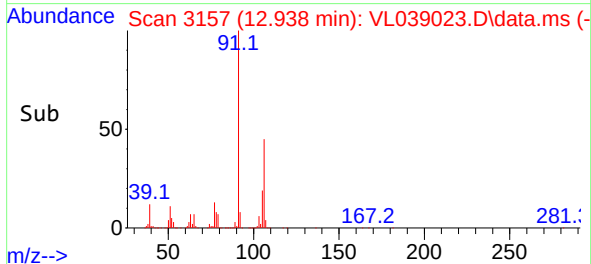
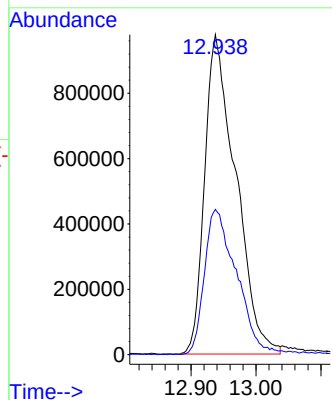
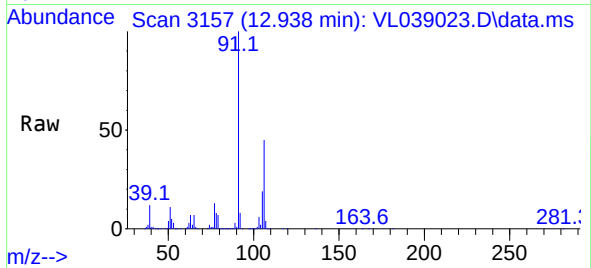
#59
m/p-Xylene
Concen: 11.396 ppbv
RT: 12.938 min Scan# 3172
Delta R.T. -0.048 min
Lab File: VL039023.D
Acq: 11 May 2022 16:11

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 91 Resp: 324605
Ion Ratio Lower Upper
91 100
106 47.6 34.6 52.0

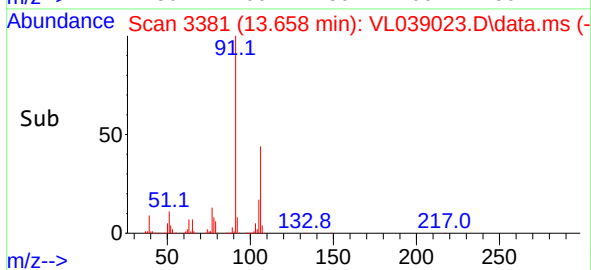
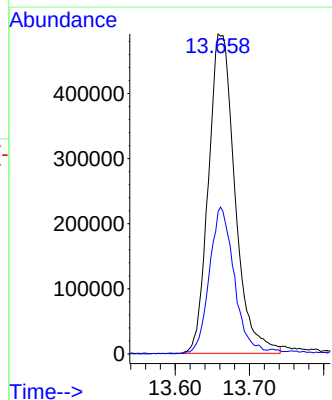
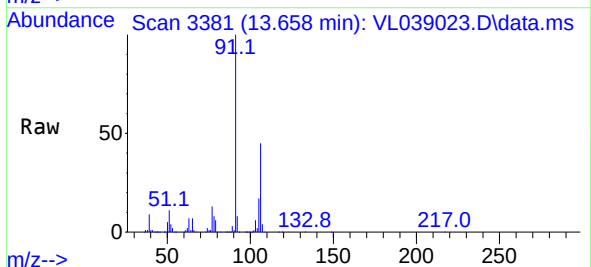
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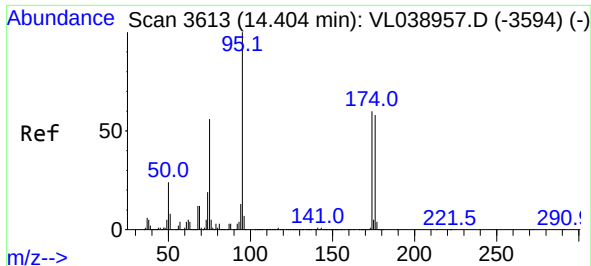
Reviewed By :Semsettin Yesilyurt 05/11/2022
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#60
o-Xylene
Concen: 4.540 ppbv
RT: 13.658 min Scan# 3381
Delta R.T. -0.022 min
Lab File: VL039023.D
Acq: 11 May 2022 16:11

Tgt Ion: 91 Resp: 1217166
Ion Ratio Lower Upper
91 100
106 44.9 22.2 66.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.726 ppbv
RT: 14.388 min Scan# 30
Delta R.T. -0.016 min
Lab File: VL039023.D
Acq: 11 May 2022 16:11

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 95 Resp: 1785698
Ion Ratio Lower Upper
95 100
174 66.5 50.8 76.2
175 4.6 3.8 5.6

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