

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040725.D
 Acq On : 27 Sep 2023 13:28
 Operator : SY/MD
 Sample : 04616-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt
 09/28/2023
 Supervised By :Mahesh
 Dadoda
 09/28/2023

Quant Time: Sep 28 01:44:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 25 11:00:00 2023
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1261068	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.636	114	3517678	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	3076036	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2239907	9.425	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.200%
Target Compounds					Qvalue	
13) Ethanol	3.250	45	80331	4.586	ppbv	99
15) Acetone	3.468	43	1231688	7.405	ppbv	94
17) tert-Butyl alcohol	3.890	59	30979	0.182	ppbv	97
19) Isopropyl Alcohol	3.584	45	30260m	0.302	ppbv	
29) Chloroform	5.263	83	23584m	0.108	ppbv	
34) 2-Butanone	4.793	43	55982	0.316	ppbv #	85
53) Toluene	9.201	91	32142m	0.117	ppbv	
61) Styrene	12.873	104	25007m	0.190	ppbv	
62) Isopropylbenzene	14.008	105	91379	0.193	ppbv	98

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

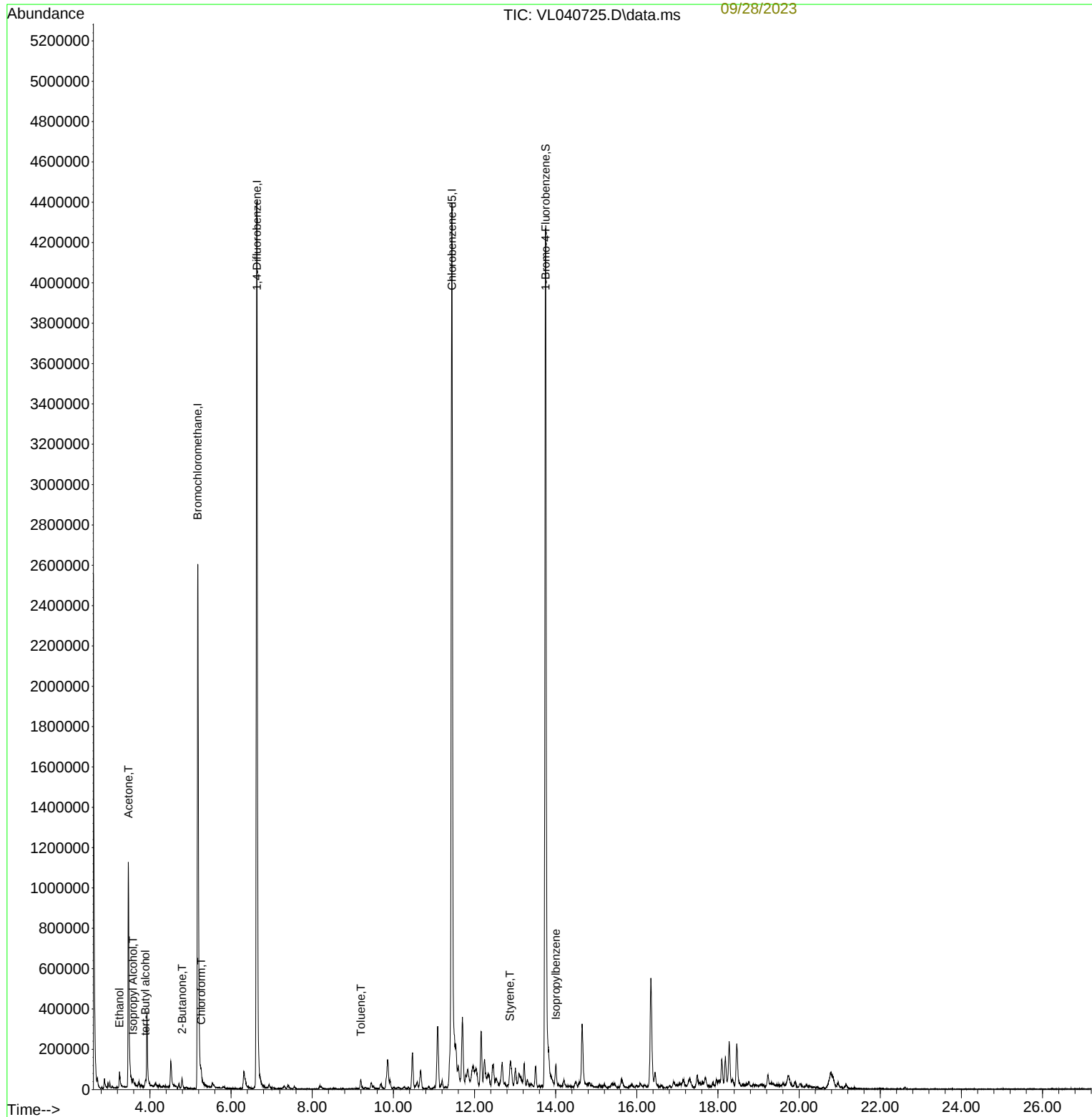
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
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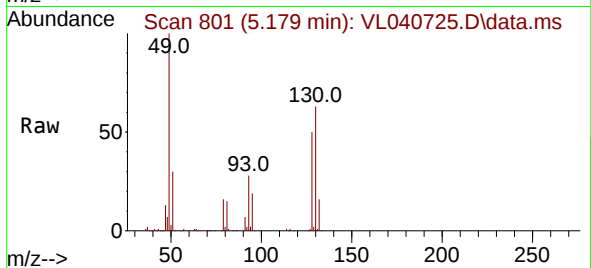
Reviewed By :Semsettin
Yesilyurt
09/28/2023
Supervised By :Mahesh
Dadoda
09/28/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 803
Delta R.T. -0.019 min
Lab File: VL040725.D
Acq: 27 Sep 2023 13:28

Instrument :
MSVOA_L
ClientSampleId :
SSG2DL

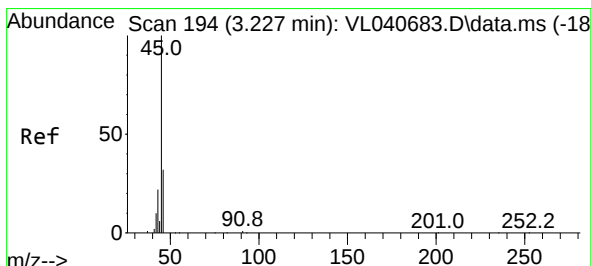
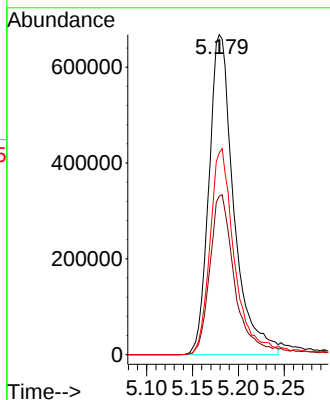
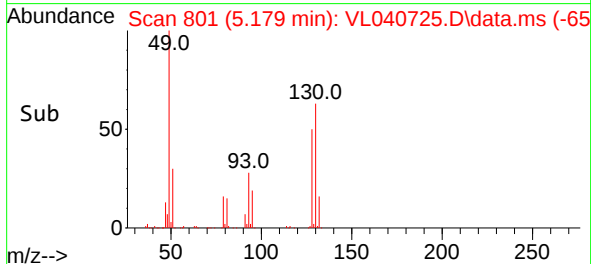


Tgt Ion: 49 Resp: 126106
Ion Ratio Lower Upper
49 100
128 51.9 25.4 76.0
130 66.1 32.3 96.8

Manual Integrations
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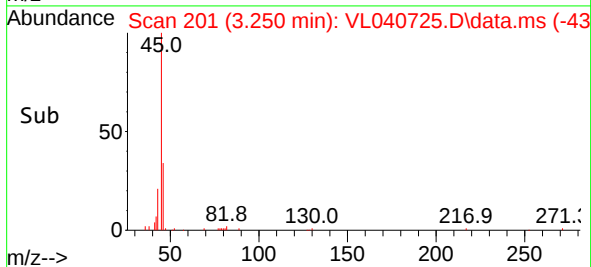
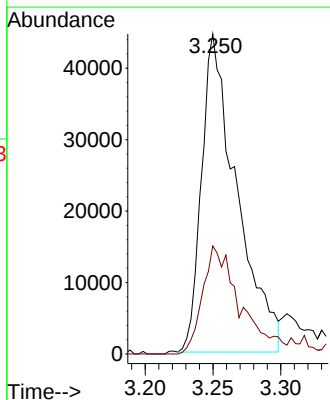
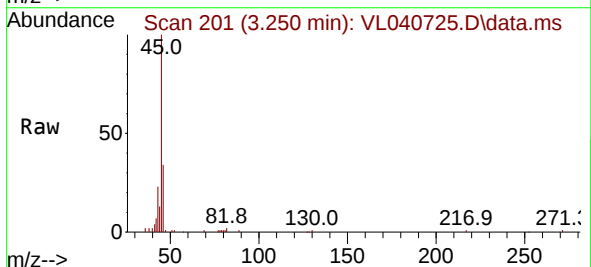
Reviewed By :Semsettin
Yesilyurt
09/28/2023

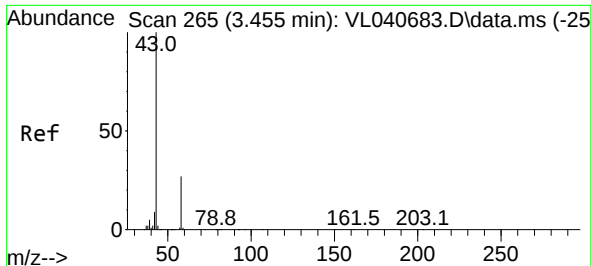
Supervised By :Mahesh
Dadoda
09/28/2023



#13
Ethanol
Concen: 4.586 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.007 min
Lab File: VL040725.D
Acq: 27 Sep 2023 13:28

Tgt Ion: 45 Resp: 80331
Ion Ratio Lower Upper
45 100
46 38.9 15.2 61.0





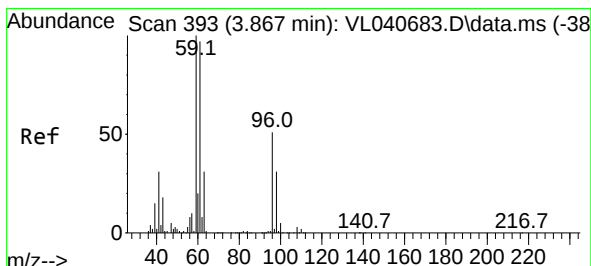
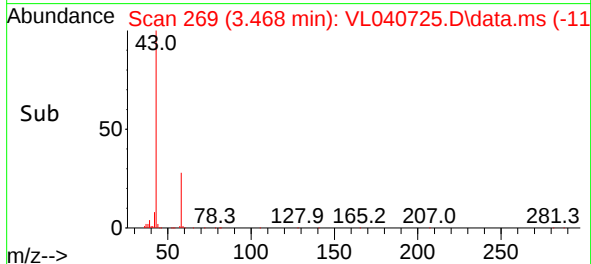
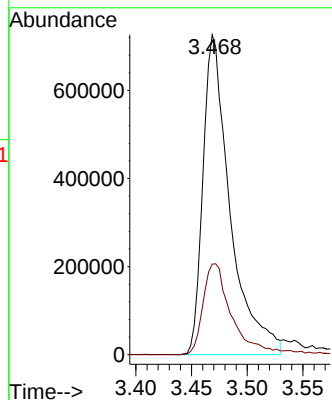
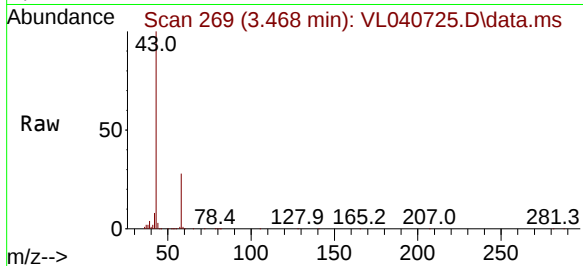
#15
Acetone
Concen: 7.405 ppbv
RT: 3.468 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL040725.D
Acq: 27 Sep 2023 13:28

Instrument :
MSVOA_L
ClientSampleId :
SSG2DL

Tgt Ion: 43 Resp: 123168
Ion Ratio Lower Upper
43 100
58 31.5 22.6 34.0

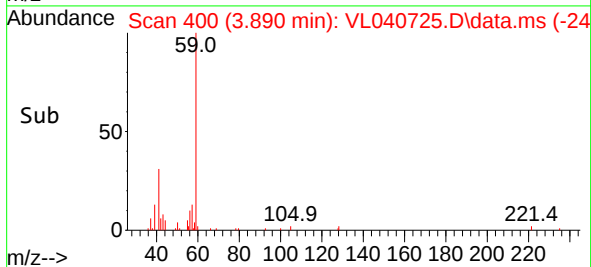
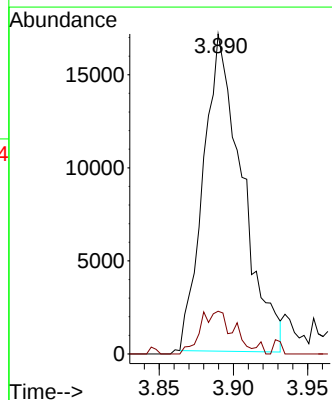
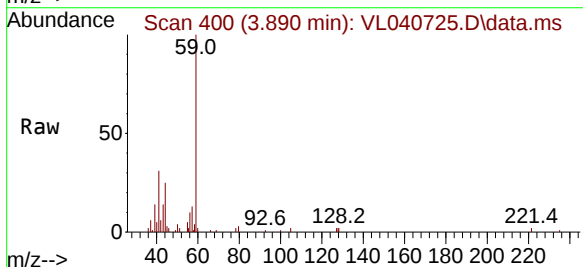
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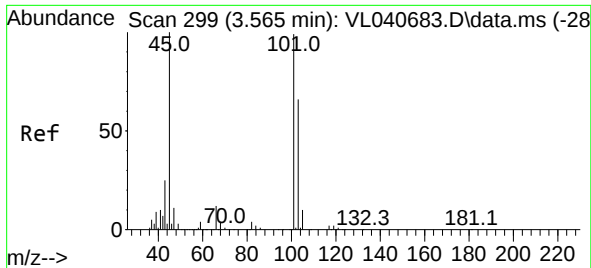
Reviewed By :Semsettin
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Dadoda
09/28/2023



#17
tert-Butyl alcohol
Concen: 0.182 ppbv
RT: 3.890 min Scan# 400
Delta R.T. 0.007 min
Lab File: VL040725.D
Acq: 27 Sep 2023 13:28

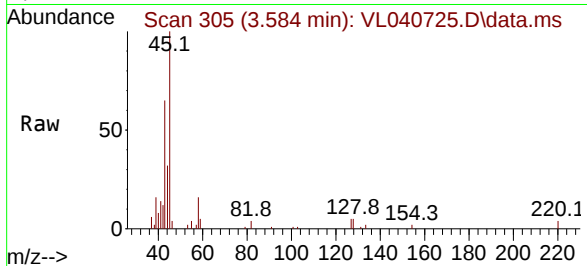
Tgt Ion: 59 Resp: 30979
Ion Ratio Lower Upper
59 100
57 12.1 8.7 13.1





#19
Isopropyl Alcohol
Concen: 0.302 ppbv m
RT: 3.584 min Scan# 305
Delta R.T. 0.007 min
Lab File: VL040725.D
Acq: 27 Sep 2023 13:28

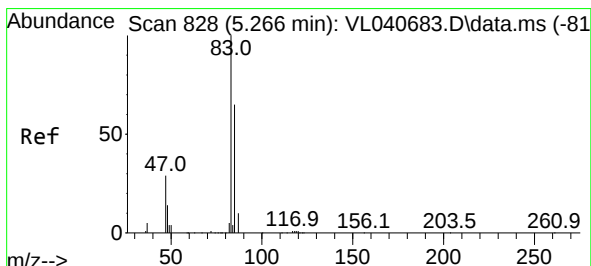
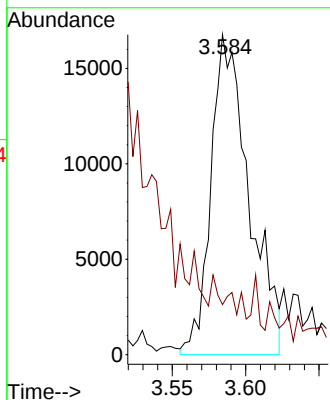
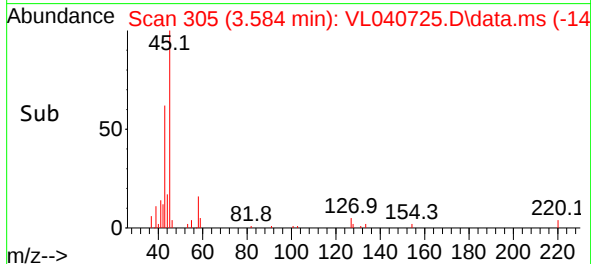
Instrument :
MSVOA_L
ClientSampleId :
SSG2DL



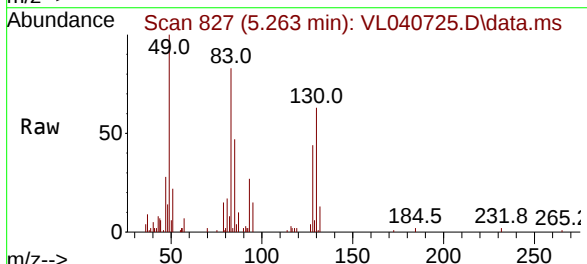
Tgt Ion: 45 Resp: 30260
Ion Ratio Lower Upper
45 100
58 0.0 1.9 2.9

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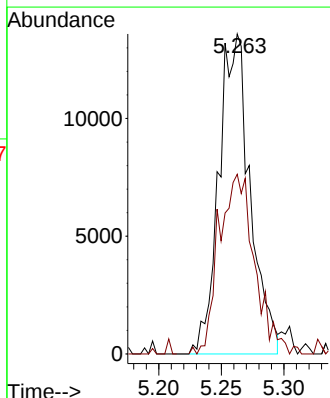
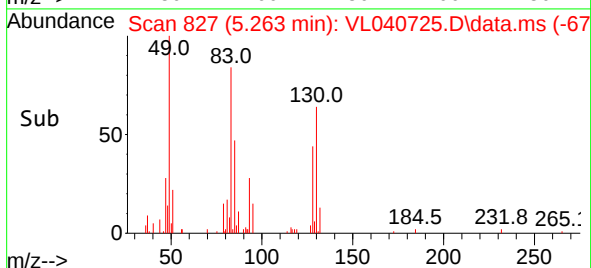
Reviewed By :Semsettin
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09/28/2023
Supervised By :Mahesh
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09/28/2023

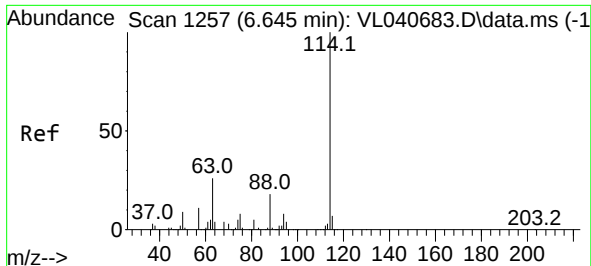


#29
Chloroform
Concen: 0.108 ppbv m
RT: 5.263 min Scan# 827
Delta R.T. -0.019 min
Lab File: VL040725.D
Acq: 27 Sep 2023 13:28



Tgt Ion: 83 Resp: 23584
Ion Ratio Lower Upper
83 100
85 56.2 51.8 77.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 1

Delta R.T. -0.026 min

Lab File: VL040725.D

Acq: 27 Sep 2023 13:28

Instrument :

MSVOA_L

ClientSampleId :

SSG2DL

Tgt Ion:114 Resp: 3517678

Ion Ratio Lower Upper

114 100

63 24.2 21.1 31.7

88 17.6 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin

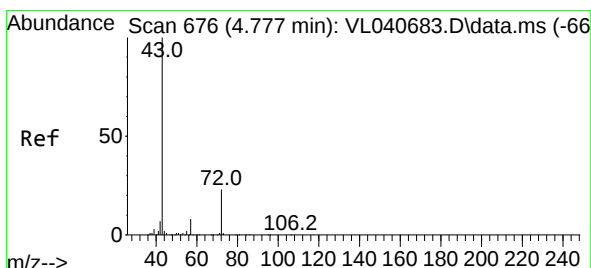
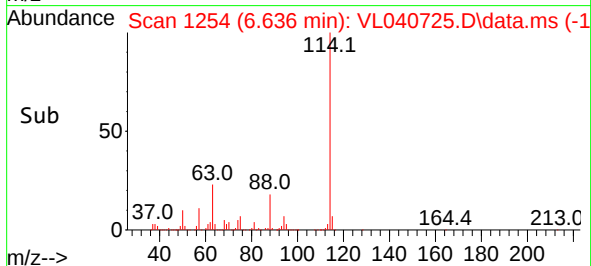
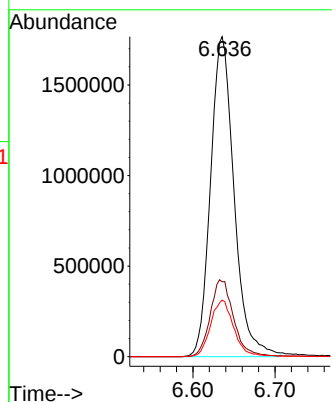
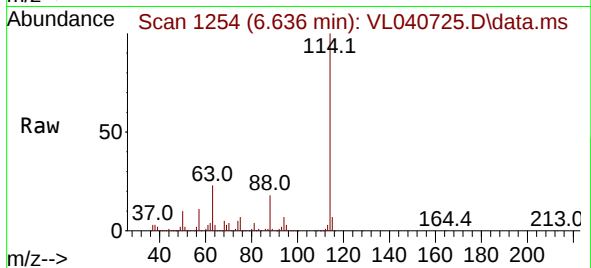
Yesilyurt

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Dadoda

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#34

2-Butanone

Concen: 0.316 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.003 min

Lab File: VL040725.D

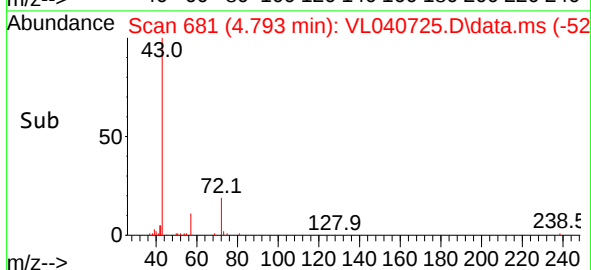
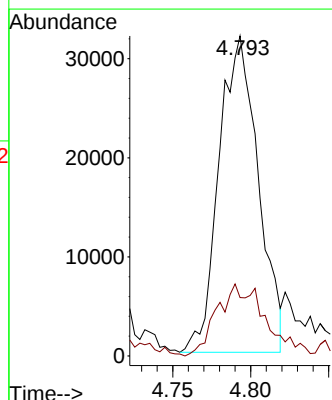
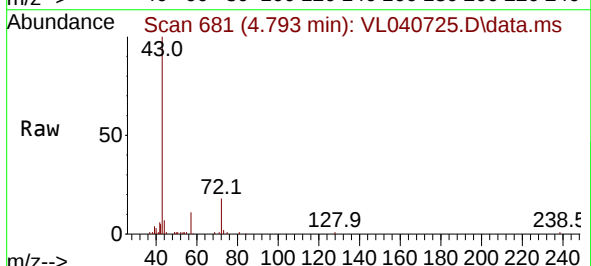
Acq: 27 Sep 2023 13:28

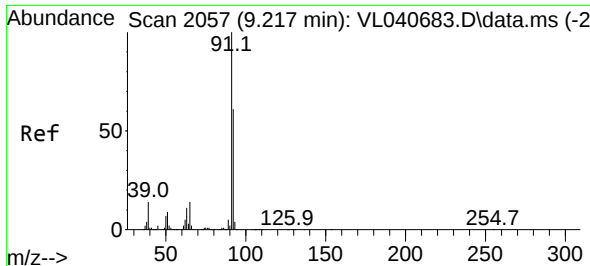
Tgt Ion: 43 Resp: 55982

Ion Ratio Lower Upper

43 100

72 30.4 18.6 27.8#





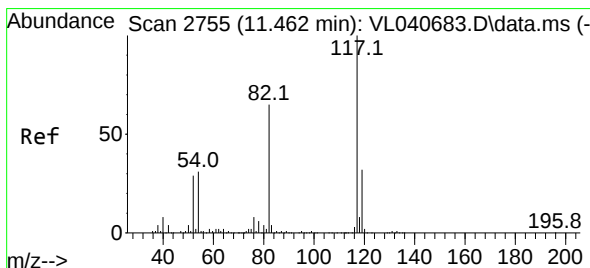
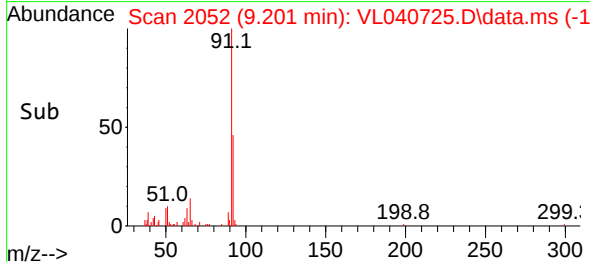
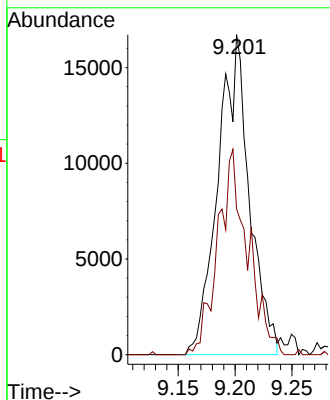
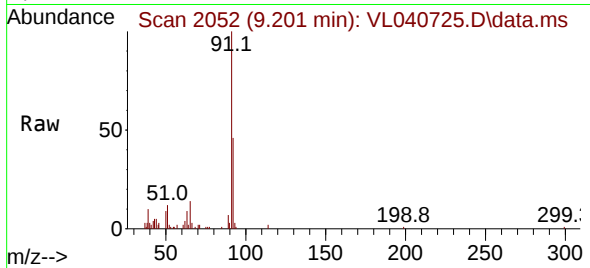
#53
Toluene
Concen: 0.117 ppbv m
RT: 9.201 min Scan# 2057
Delta R.T. -0.029 min
Lab File: VL040725.D
Acq: 27 Sep 2023 13:28

Instrument :
MSVOA_L
ClientSampleId :
SSG2DL

Tgt Ion: 91 Resp: 3214
Ion Ratio Lower Upper
91 100
92 0.0 48.5 72.7

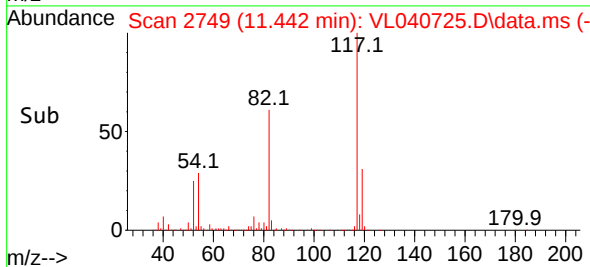
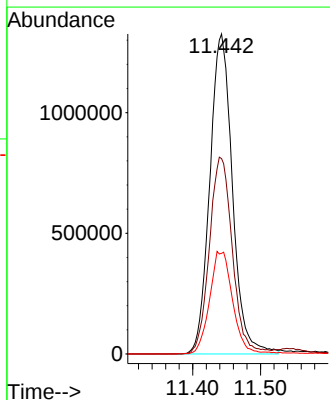
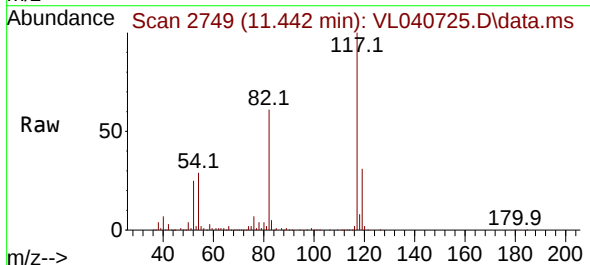
Manual Integrations
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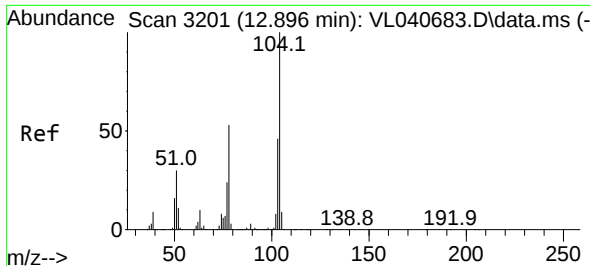
Reviewed By :Semsettin
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09/28/2023
Supervised By :Mahesh
Dadoda
09/28/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. -0.035 min
Lab File: VL040725.D
Acq: 27 Sep 2023 13:28

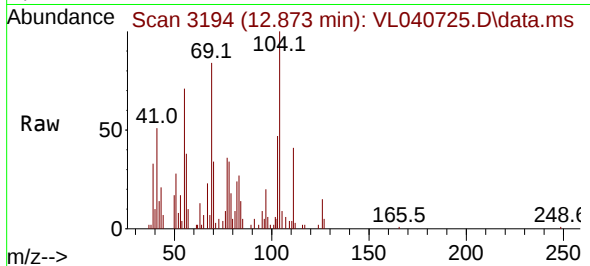
Tgt Ion:117 Resp: 3076036
Ion Ratio Lower Upper
117 100
82 62.6 51.4 77.0
119 33.1 24.7 37.1





#61
Styrene
Concen: 0.190 ppbv m
RT: 12.873 min Scan# 3194
Delta R.T. -0.032 min
Lab File: VL040725.D
Acq: 27 Sep 2023 13:28

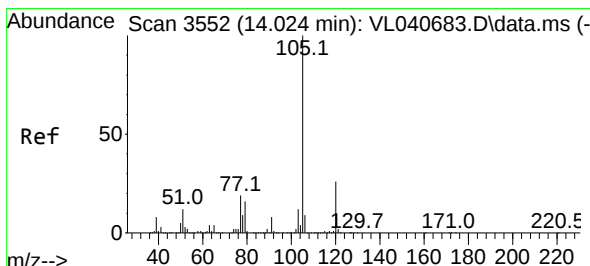
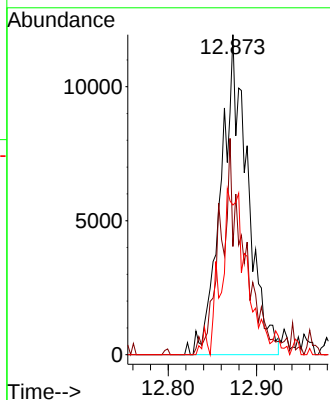
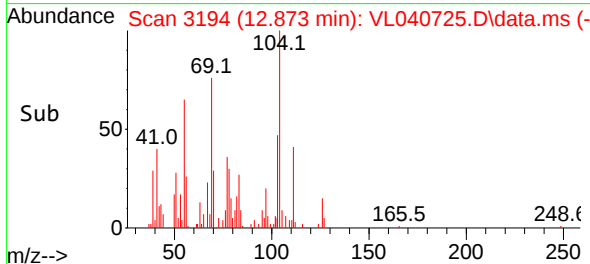
Instrument :
MSVOA_L
ClientSampleId :
SSG2DL



Tgt Ion:104 Resp: 2500
Ion Ratio Lower Upper
104 100
78 0.0 43.4 65.0
103 0.0 37.2 55.8

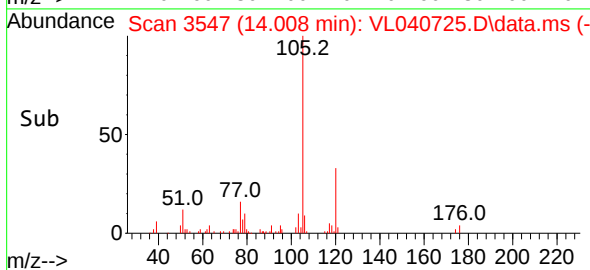
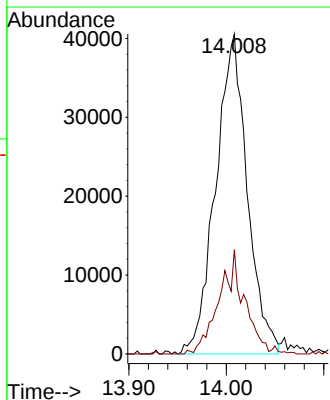
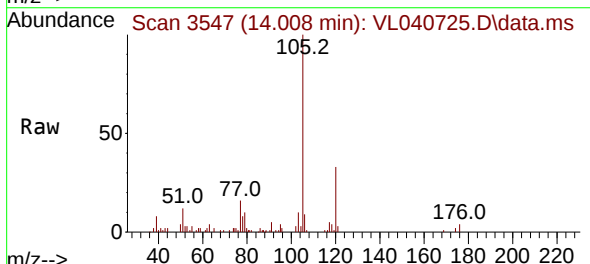
Manual Integrations
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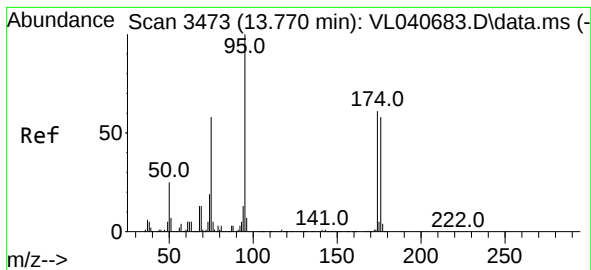
Reviewed By :Semsettin
Yesilyurt
09/28/2023
Supervised By :Mahesh
Dadoda
09/28/2023



#62
Isopropylbenzene
Concen: 0.193 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.029 min
Lab File: VL040725.D
Acq: 27 Sep 2023 13:28

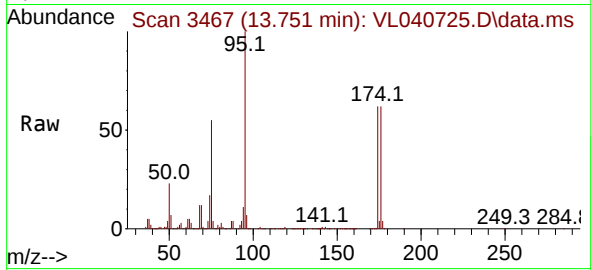
Tgt Ion:105 Resp: 91379
Ion Ratio Lower Upper
105 100
120 26.5 20.2 30.4





#68
1-Bromo-4-Fluorobenzene
Concen: 9.425 ppbv
RT: 13.751 min Scan# 34
Delta R.T. -0.035 min
Lab File: VL040725.D
Acq: 27 Sep 2023 13:28

Instrument :
MSVOA_L
ClientSampleId :
SSG2DL



Tgt Ion: 95 Resp: 223990
Ion Ratio Lower Upper
95 100
174 66.8 48.9 73.3
175 4.7 3.5 5.3

Manual Integrations
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09/28/2023

Supervised By :Mahesh
Dadoda
09/28/2023

