

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036801.D
 Acq On : 13 Apr 2021 13:44
 Operator : SY/AP
 Sample : M2018-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt
 04/14/2021

Supervised By :Mahesh
 Dadoda
 04/14/2021

Quant Time: Apr 14 09:21:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1382195	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3394766	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2689190	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1782923	8.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.20%

Target Compounds					Ovalue
9) Propene	3.02	41	63198	0.768 ppbv	85
10) Heptane	8.12	43	221006	1.054 ppbv	94
13) Ethanol	3.62	45	75691m	7.721 ppbv	
15) Acetone	3.84	43	2185646	16.066 ppbv	98
19) Isopropyl Alcohol	3.99	45	91433m	1.222 ppbv	
20) Methylene Chloride	4.34	84	245387	3.853 ppbv	95
26) Hexane	5.68	57	192435	1.282 ppbv #	46
27) Carbon Disulfide	4.55	76	51257	0.347 ppbv #	94
53) Toluene	9.81	91	203777	0.611 ppbv	98
59) m/p-Xylene	12.97	91	94333m	0.276 ppbv	
62) Isopropylbenzene	14.67	105	567335	1.277 ppbv	97

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

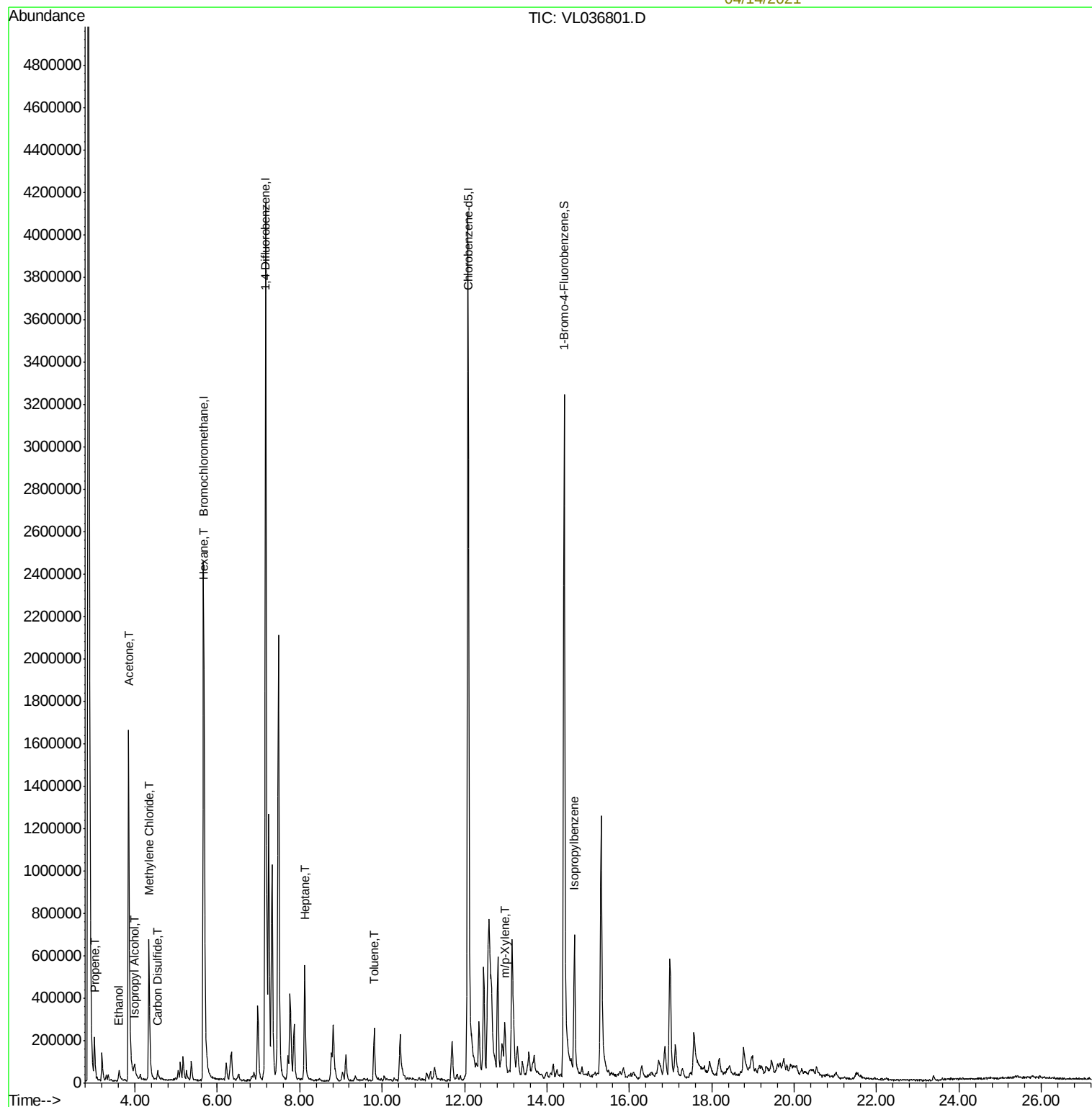
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
Data File : VL036801.D
Acq On : 13 Apr 2021 13:44
Operator : SY/AP
Sample : M2018-01DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG1DL

Quant Time: Apr 14 09:21:04 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Mar 25 09:42:40 2021
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Yesilyurt
04/14/2021
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Dadoda
04/14/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG1DL

Acq: 13 Apr 2021 13:44

Tot Ion:

Ion Ratio

49 100

128 47.

130 58.

Manual Integrations

APPROVED

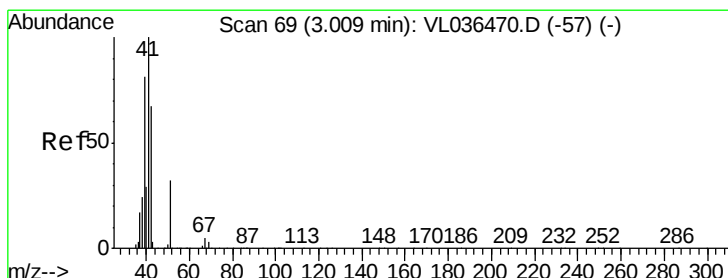
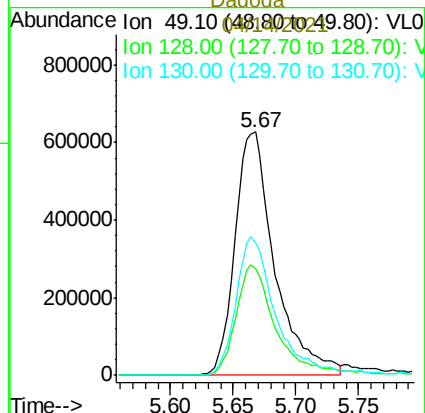
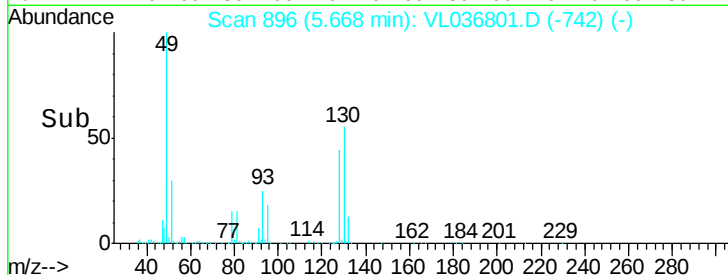
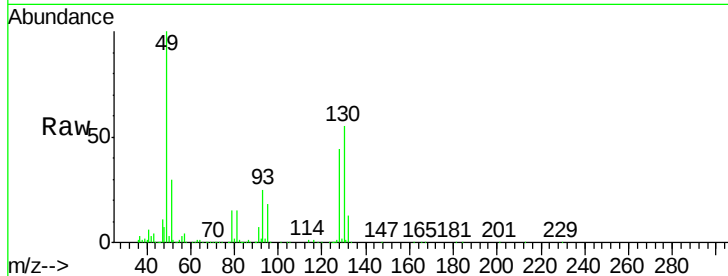
Reviewed By: Semsettin

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Supervised By: Mahesh

Dadoda



#9

Propene

Concen: 0.768 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL036801.D

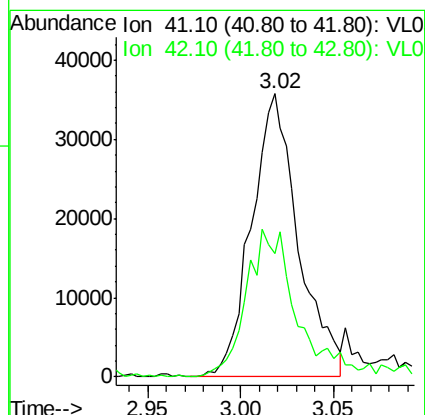
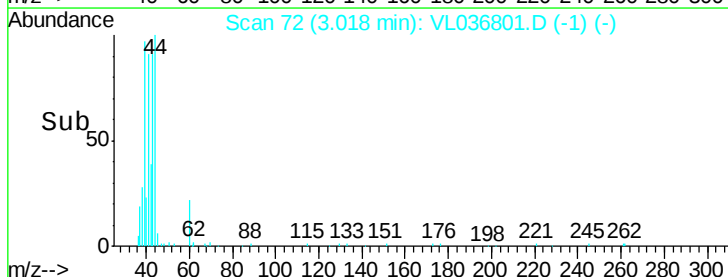
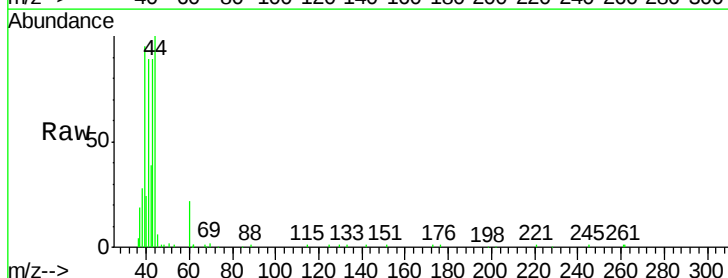
Acq: 13 Apr 2021 13:44

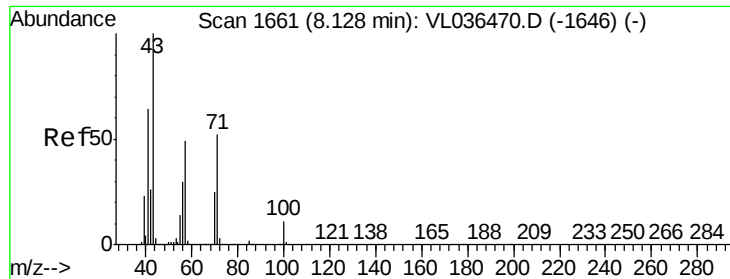
Tgt Ion: 41 Resp: 63198

Ion Ratio Lower Upper

41 100

42 58.4 57.0 85.4





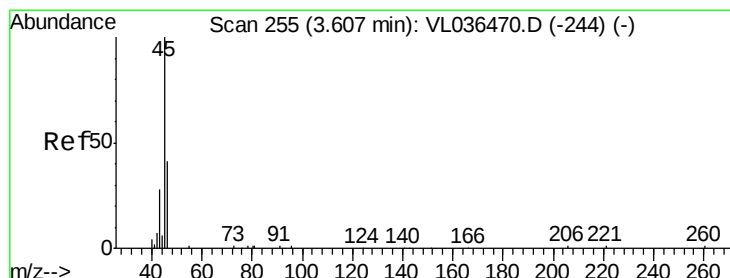
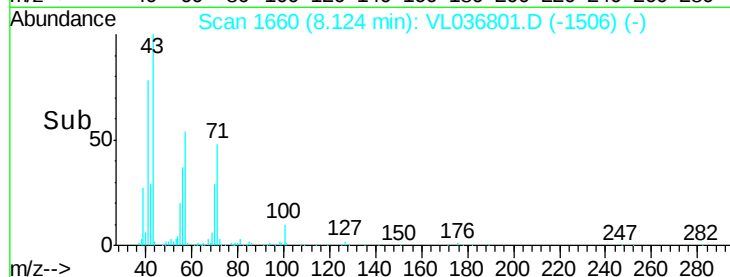
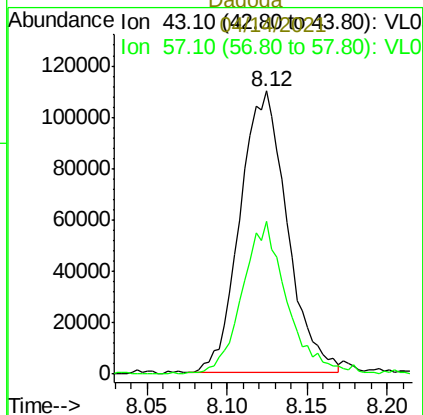
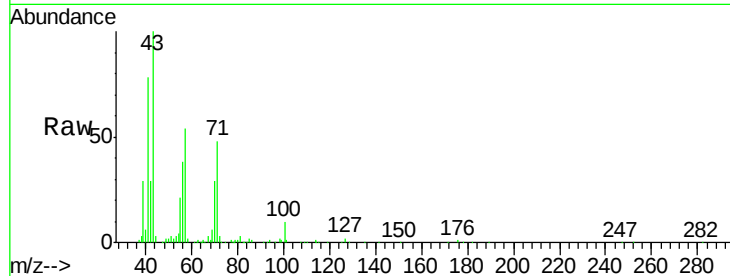
#10
Heptane
Concen: 1.054 ppbv
RT: 8.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SG1DL
Acq: 13 Apr 2021 13:44

Tot Ion:
Ion Ratio
43 100
57 52.

Manual Integrations
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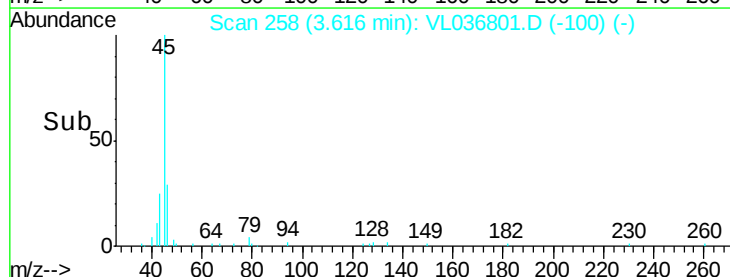
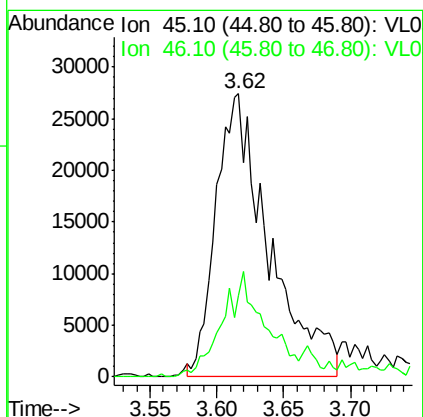
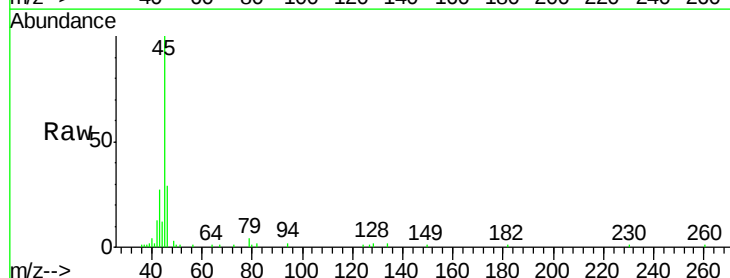
Reviewed By :Semsettin
Yesilyurt
04/14/2021

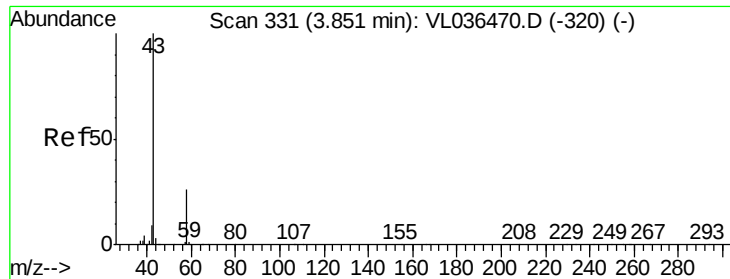
Supervised By :Mahesh
Dadoda



#13
Ethanol
Concen: 7.721 ppbv m
RT: 3.62 min Scan# 258
Delta R.T. 0.01 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 45 Resp: 75691
Ion Ratio Lower Upper
45 100
46 37.2 16.6 66.2





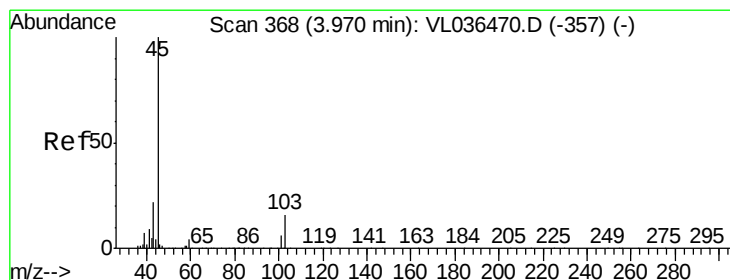
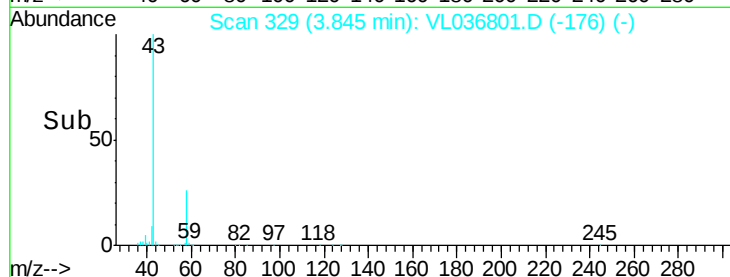
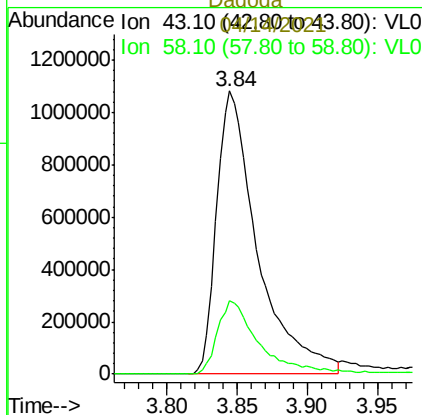
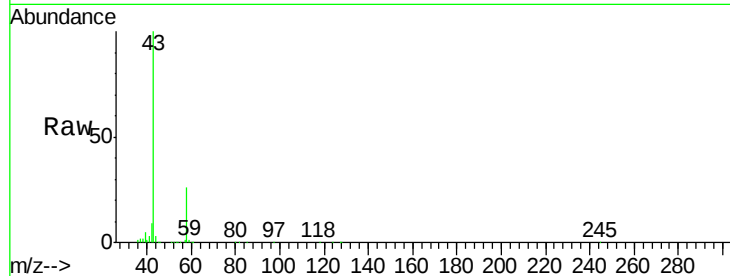
#15
Acetone
Concen: 16.066 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SG1DL
Acq: 13 Apr 2021 13:44

Tot Ion:
Ion Ratio
43 100
58 27.

Manual Integrations
APPROVED

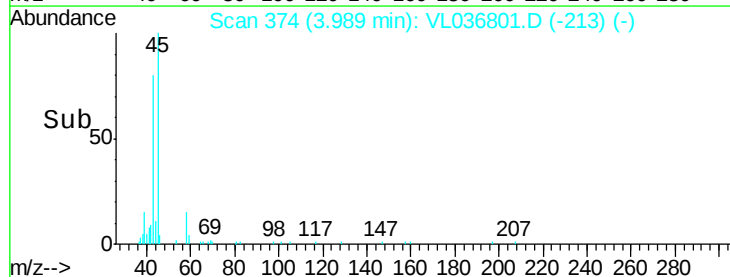
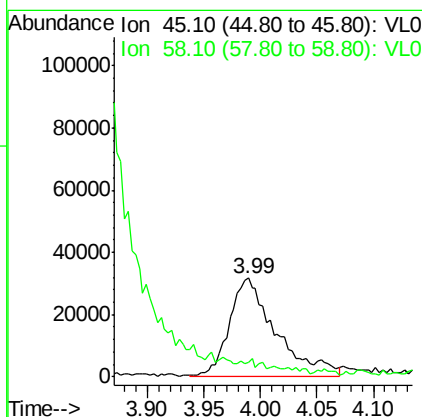
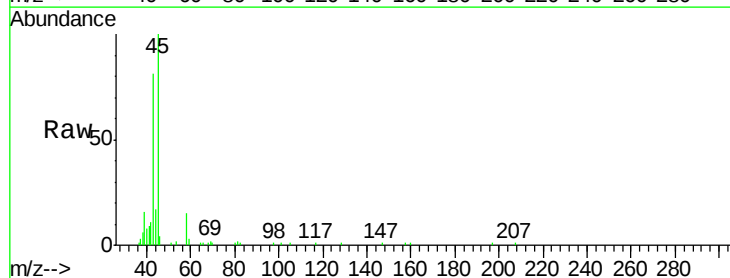
Reviewed By :Semsettin
Yesilyurt
04/14/2021

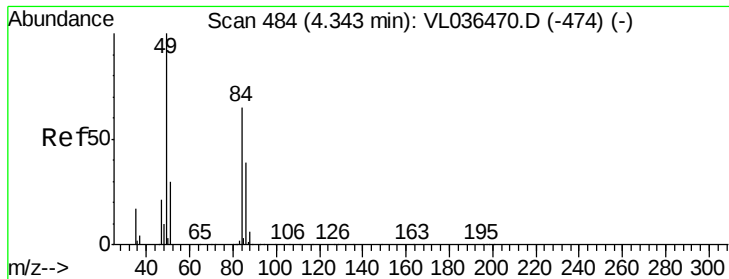
Supervised By :Mahesh
Dadoda



#19
Isopropyl Alcohol
Concen: 1.222 ppbv m
RT: 3.99 min Scan# 374
Delta R.T. 0.02 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 45 Resp: 91433
Ion Ratio Lower Upper
45 100
58 0.0 2.9 4.3#



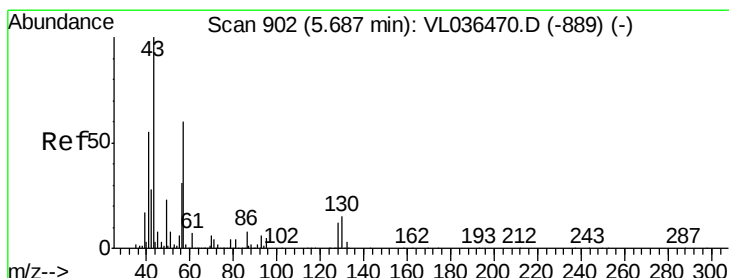
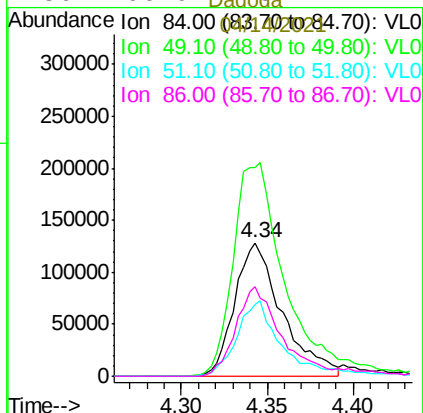
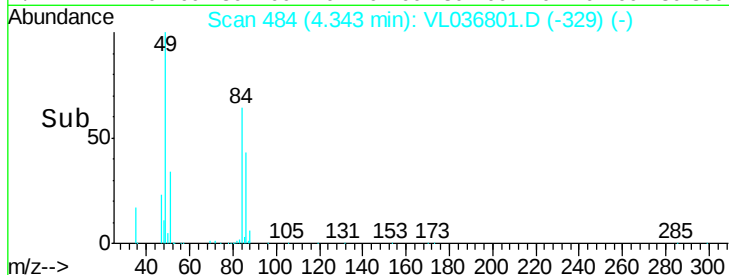
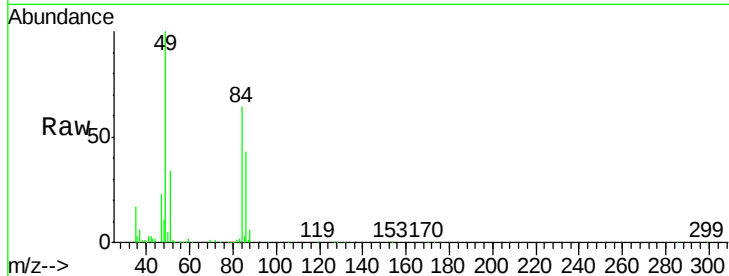


#20
Methvlene Chloride
Concen: 3.853 ppbv
RT: 4.34
Delta R.T. MSVOA_L
Lab File: ClientSampleId : SG1DL
Acq: 13 Apr 2021 13:44

Tot Ion:
Ion Ratio
84 100
49 155.
51 53.
86 66.9

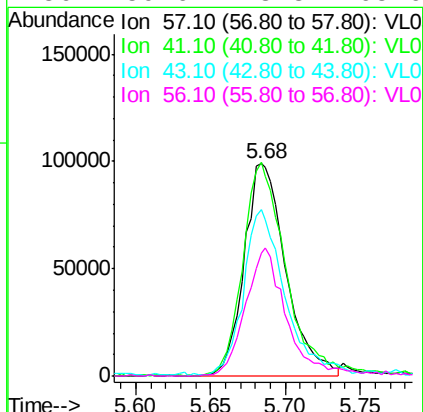
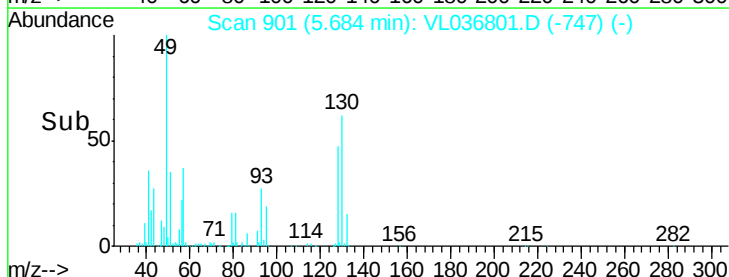
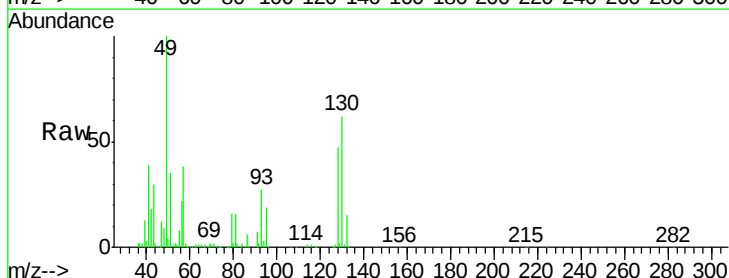
Manual Integrations
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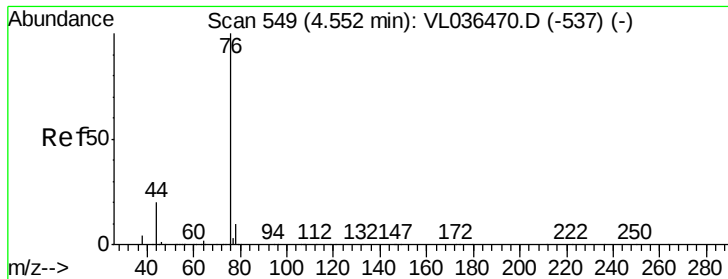
Reviewed By :Semsettin
Yesilyurt
04/14/2021
Supervised By :Mahesh
Dadgar



#26
Hexane
Concen: 1.282 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion: 57 Resp: 192435
Ion Ratio Lower Upper
57 100
41 107.5 77.2 115.8
43 81.0 173.8 260.6#
56 59.6 43.8 65.6





#27

Carbon Disulfide

Concen: 0.347 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 13:44 SG1DL

Tot Ion:

Ion Ratio

76 100

44 24.

78 13.

Manual Integrations

APPROVED

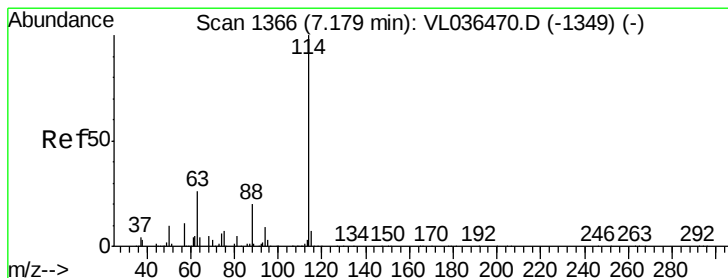
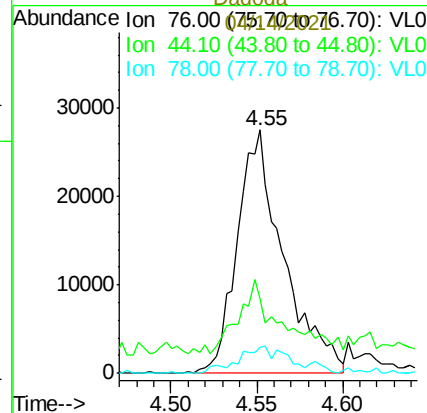
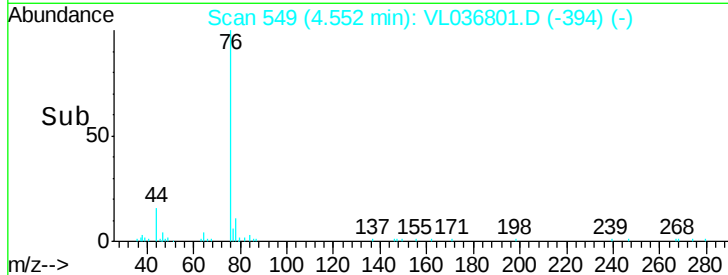
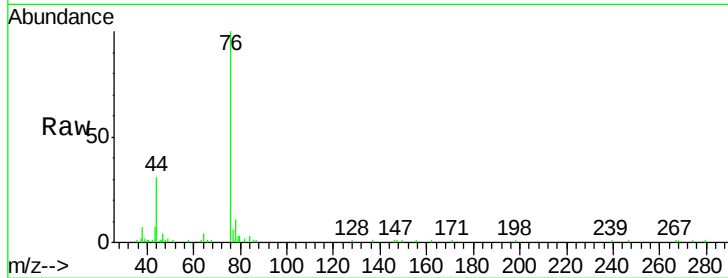
Reviewed By: Semsettin

Yesilyurt

04/14/2021

Supervised By: Mahesh

Dadoda



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VL036801.D

Acq: 13 Apr 2021 13:44

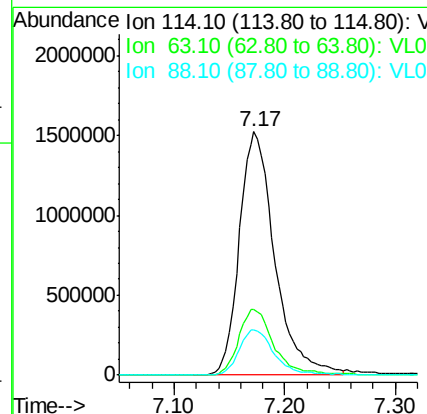
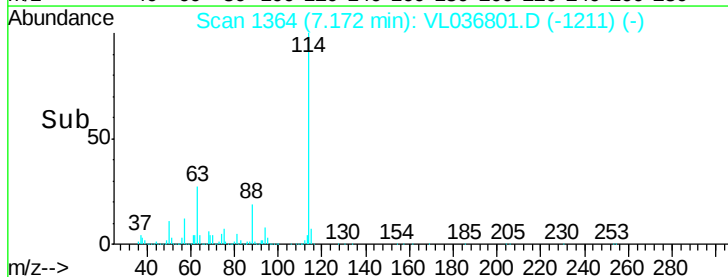
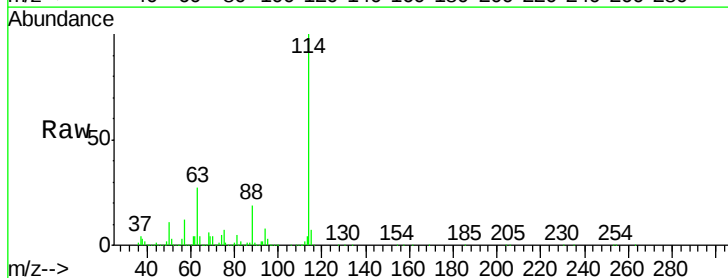
Tgt Ion: 114 Resp: 3394766

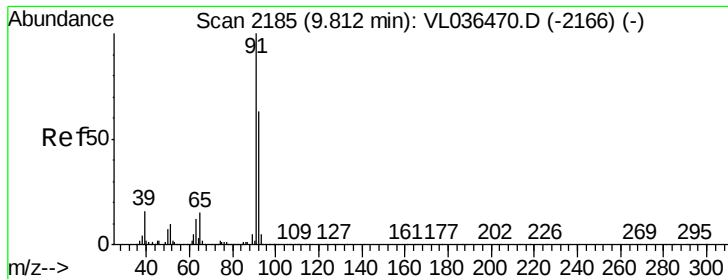
Ion Ratio Lower Upper

114 100

63 27.1 22.4 33.6

88 18.9 15.4 23.0





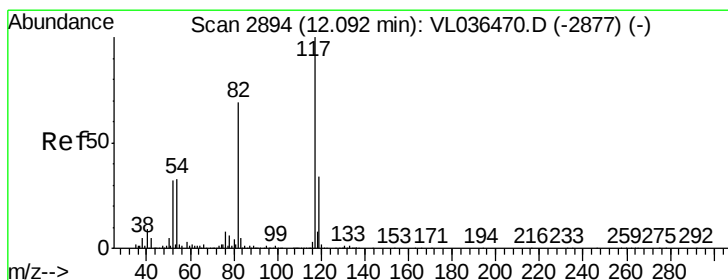
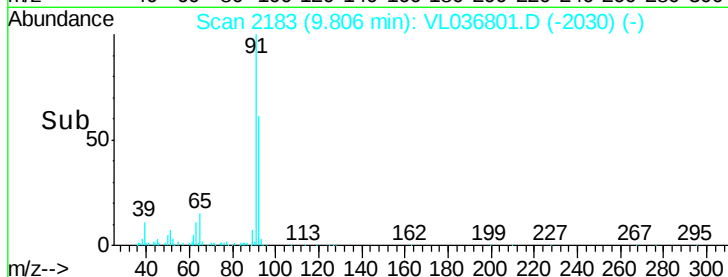
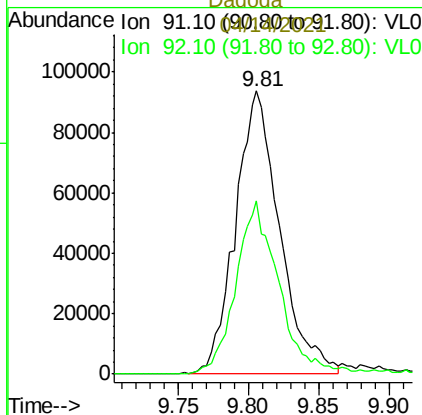
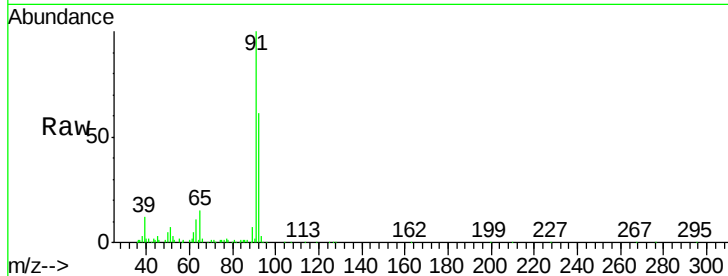
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Toluene
Concen: 0.611 ppbv
RT: 9.81 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleID : SG1DL
Acq: 13 Apr 2021 13:44

Tot Ion:
Ion Ratio
91 100
92 59.

Manual Integrations
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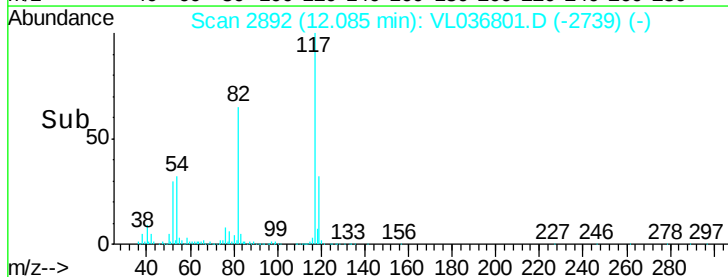
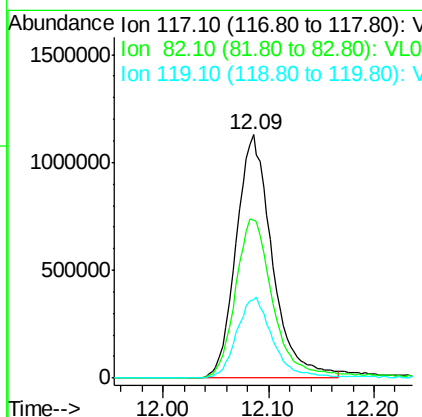
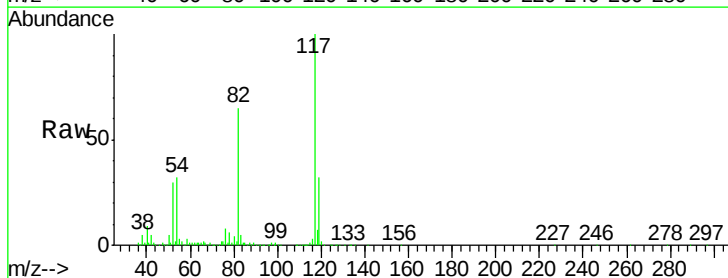
Reviewed By :Semsettin
Yesilyurt
04/14/2021

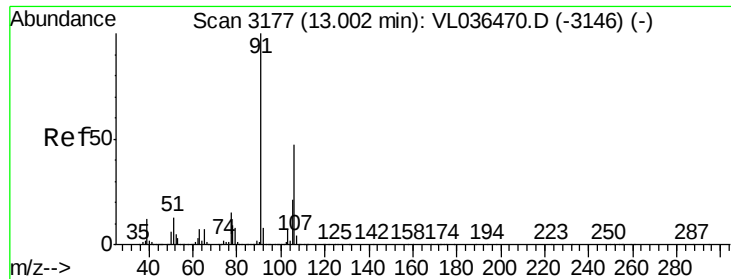
Supervised By :Mahesh
Dadoda



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T.: -0.01 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion:117 Resp: 2689190
Ion Ratio Lower Upper
117 100
82 70.6 57.4 86.0
119 34.1 47.4 71.0#





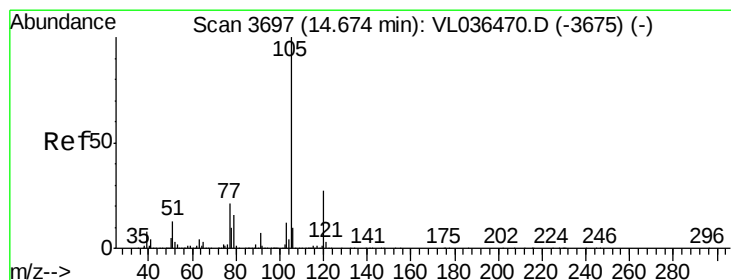
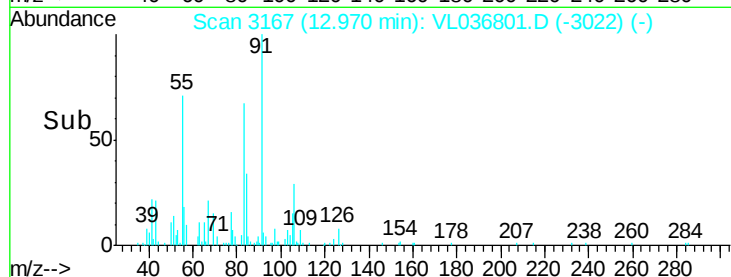
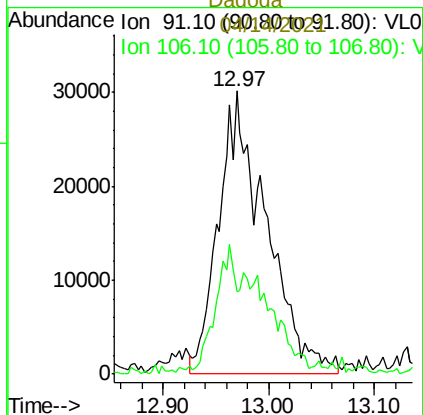
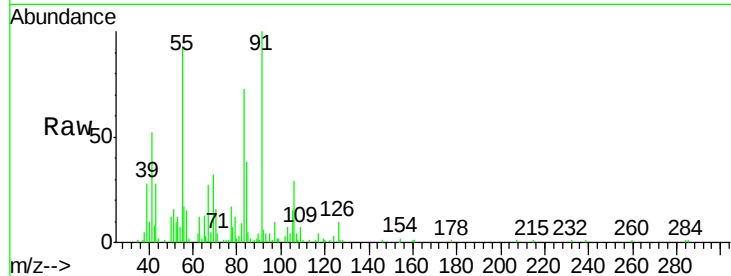
#59
m/p-Xylene
Concen: 0.276 ppbv m
RT: 12.97 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : SG1DL
Acq: 13 Apr 2021 13:44

Tot Ion:
Ion Ratio
91 100
106 0.

Manual Integrations
APPROVED

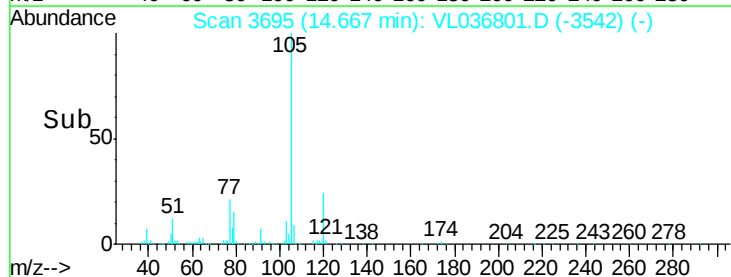
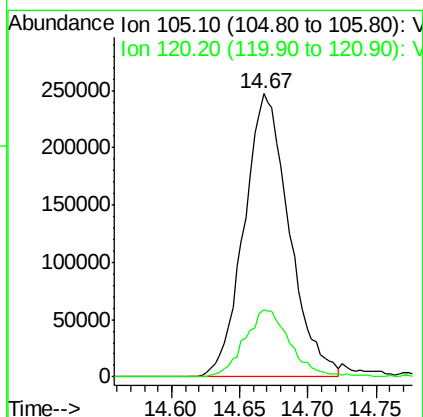
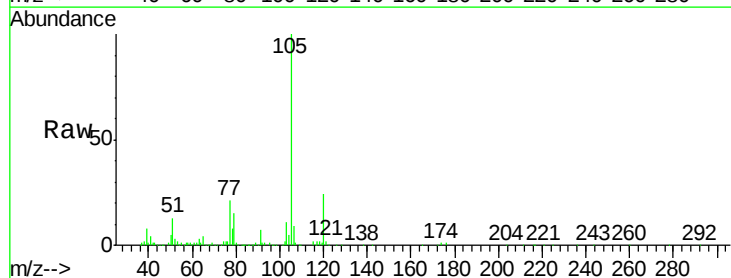
Reviewed By :Semsettin
Yesilyurt
04/14/2021

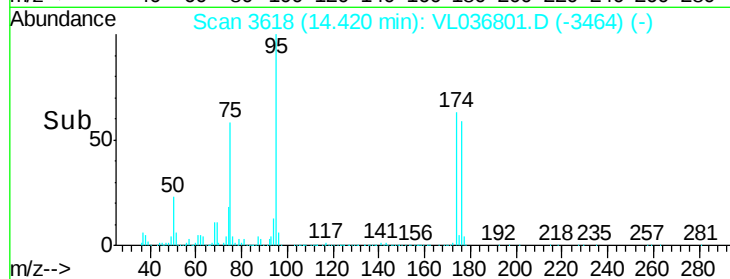
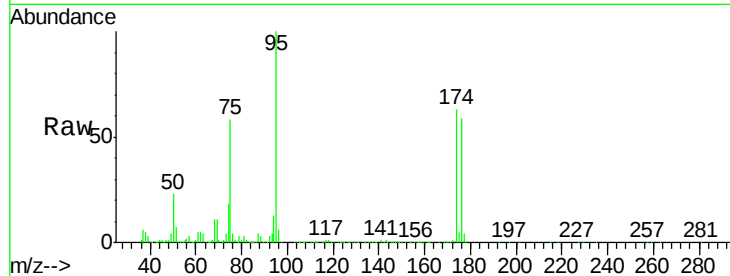
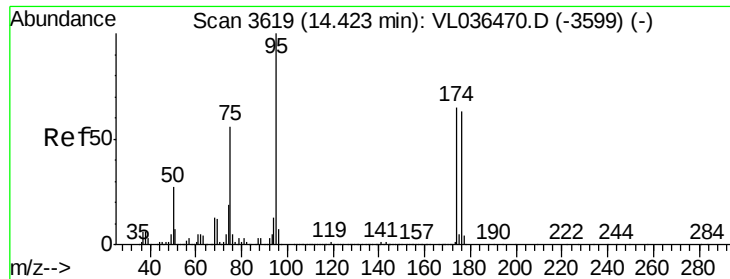
Supervised By :Mahesh
Dadoda



#62
Isopropylbenzene
Concen: 1.277 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL036801.D
Acq: 13 Apr 2021 13:44

Tgt Ion:105 Resp: 567335
Ion Ratio Lower Upper
105 100
120 24.4 20.6 31.0





#68

1-Bromo-4-Fluorobenzene

Concen: 8.319 ppbv

RT: 14.42

Delta R.T

Lab File: ClientSampleId :

Acq: 13 Apr 2021 13.44

Tot Ion:

Ion Ratio

95 100

174 65.

175 4.

Manual Integrations

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Reviewed By :Semsettin

Yesilyurt

04/14/2021

Supervised By :Mahesh

Dadoda

