

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038307.D
 Acq On : 27 Jan 2022 21:53
 Operator : SY/AP
 Sample : N1300-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-18CDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 28 06:39:07 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	754202	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	1986640	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	1682257	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1218922	9.55	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.50%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	7820	0.160	ppbv	84
13) Ethanol	3.60	45	264907m	50.488	ppbv	
15) Acetone	3.85	43	24067m	0.362	ppbv	
19) Isopropyl Alcohol	3.96	45	109610m	2.635	ppbv	

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

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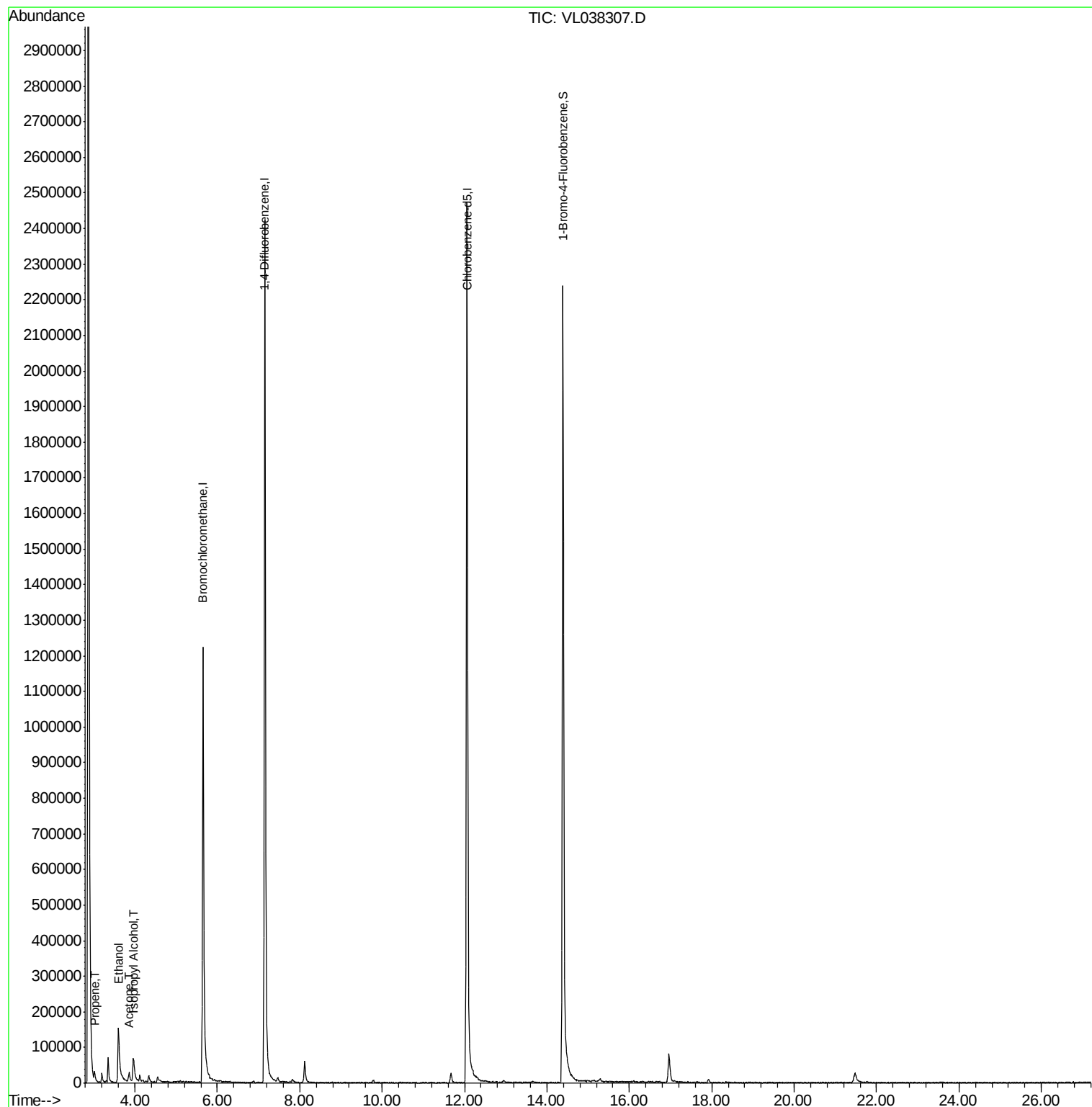
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL012422

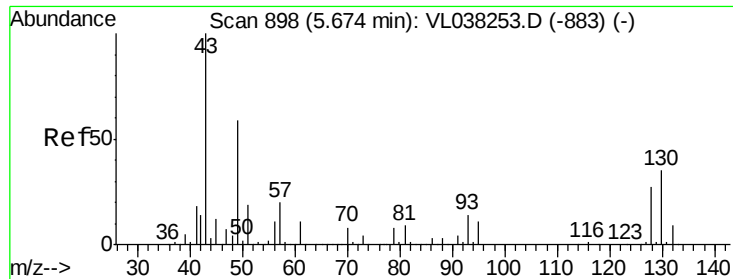
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Jan 24 14:12:48 2022

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: IA-18CDL

Acq: 27 Jan 2022 21:55

Tgt Ion:

Ion Ratio

49 100

128 46.

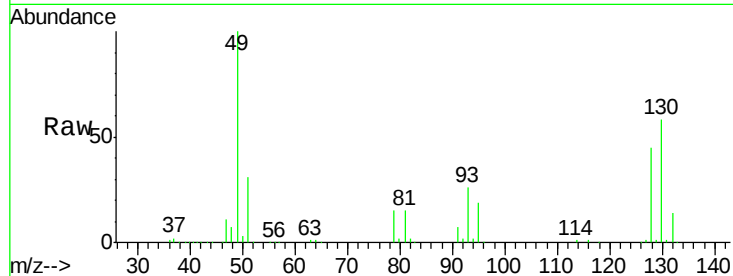
130 61.

Manual Integrations

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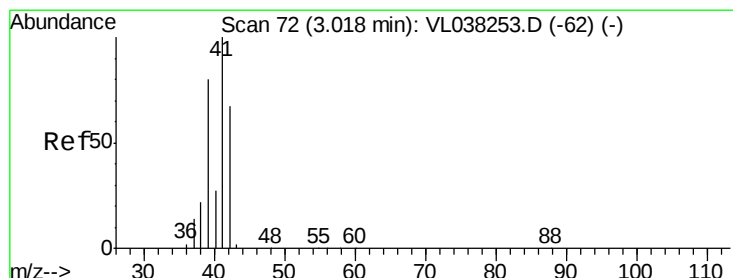
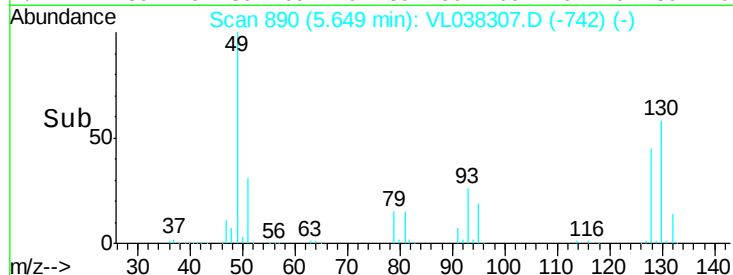
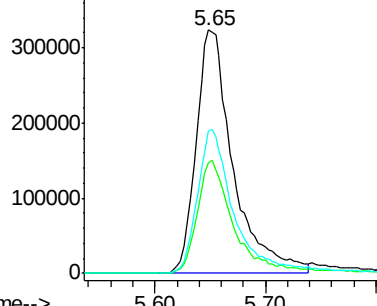
Supervised By :Mahesh Dadoda 01/28/2022



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.160 ppbv

RT: 3.02 min Scan# 71

Delta R.T. -0.00 min

Lab File: VL038307.D

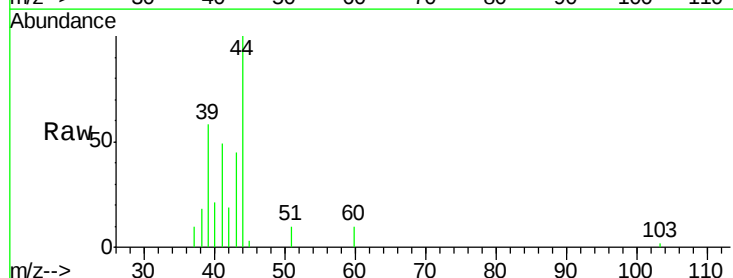
Acq: 27 Jan 2022 21:53

Tgt Ion: 41 Resp: 7820

Ion Ratio Lower Upper

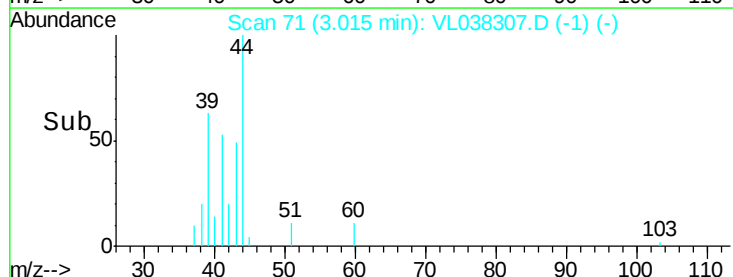
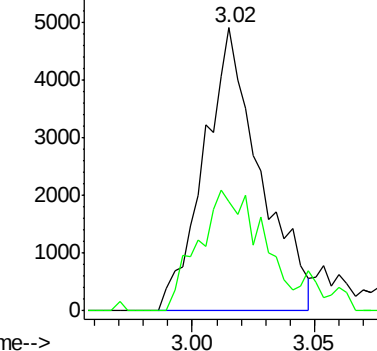
41 100

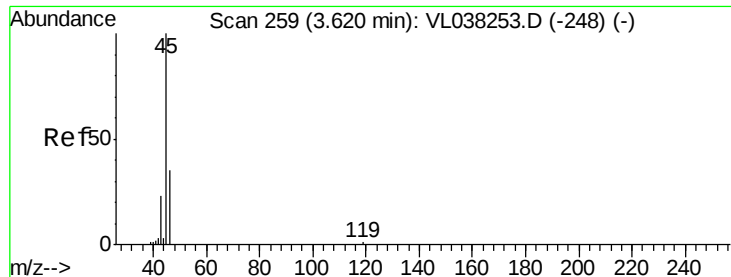
42 55.6 54.9 82.3



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



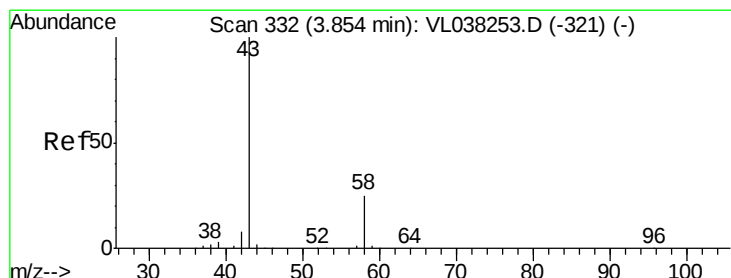
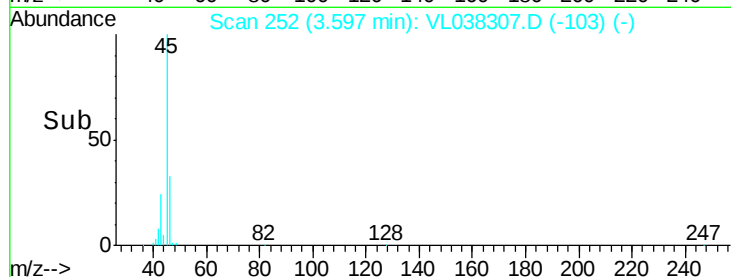
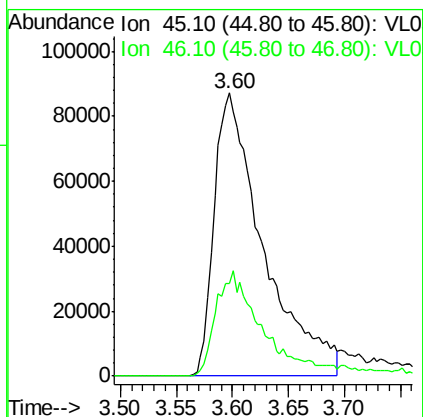
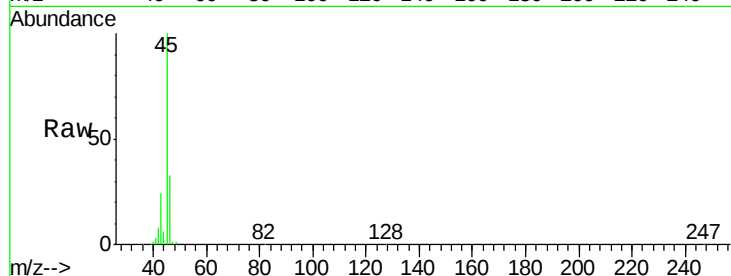


#13
Ethanol
Concen: 50.488 ppbv m
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Jan 2022 21:55

Tgt Ion:
Ion Ratio
45 100
46 38.

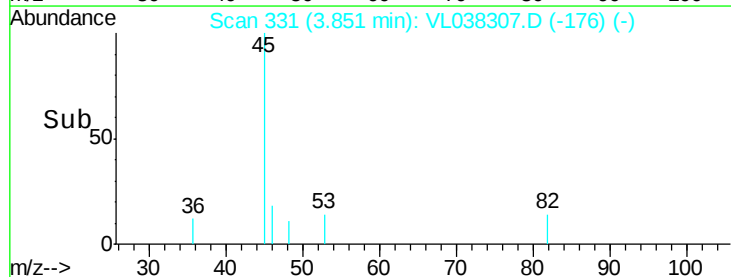
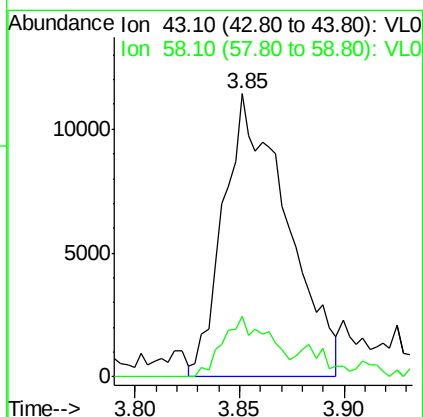
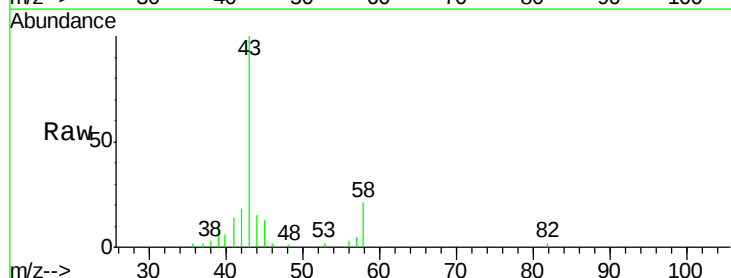
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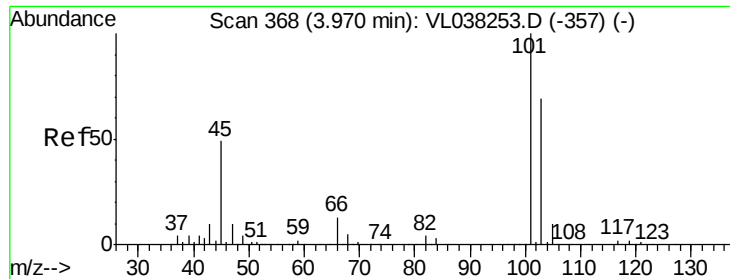
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#15
Acetone
Concen: 0.362 ppbv m
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL038307.D
Acq: 27 Jan 2022 21:53

Tgt Ion: 43 Resp: 24067
Ion Ratio Lower Upper
43 100
58 22.9 21.5 32.3





#19

Isopropyl Alcohol

Concen: 2.635 ppbv m

RT: 3.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jan 2022 21:55

Tgt Ion:

Ion Ratio

45 100

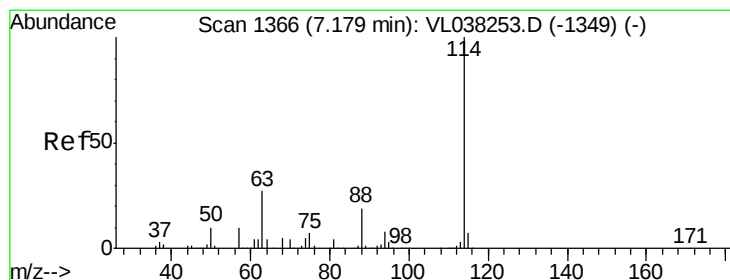
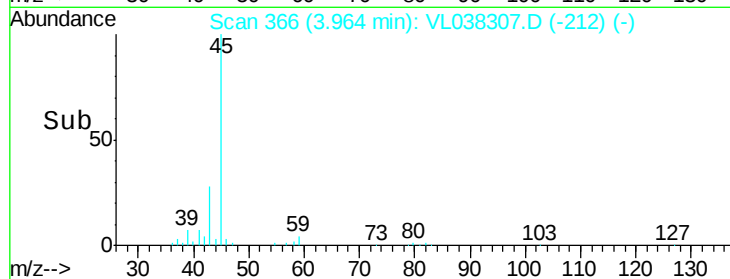
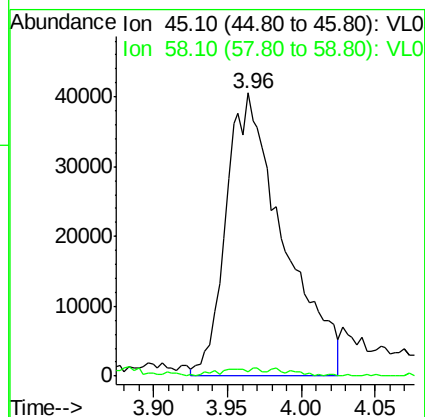
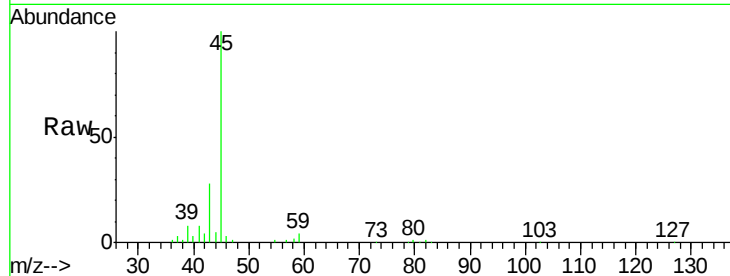
58 3.

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Reviewed By :Semsettin Yesilyurt 01/28/2022

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.03 min

Lab File: VL038307.D

Acq: 27 Jan 2022 21:53

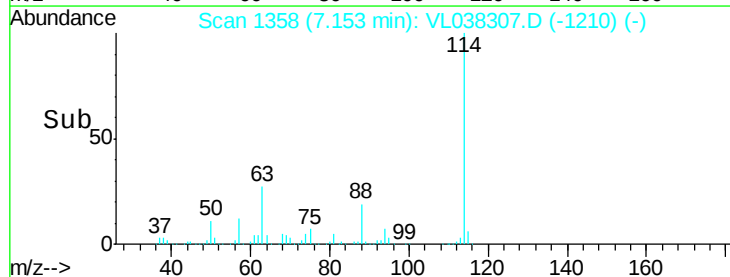
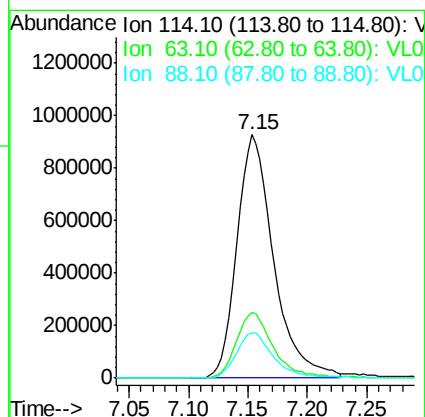
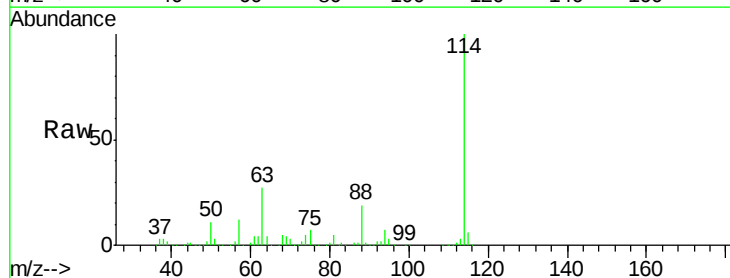
Tgt Ion:114 Resp: 1986640

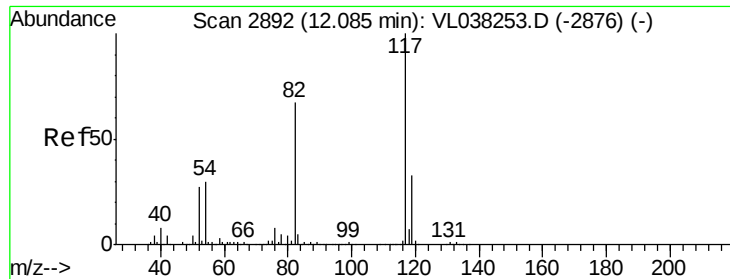
Ion Ratio Lower Upper

114 100

63 27.8 22.0 33.0

88 19.1 15.0 22.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Jan 2022 21:55

Tgt Ion:1

Ion Rati

117 100

82 72.

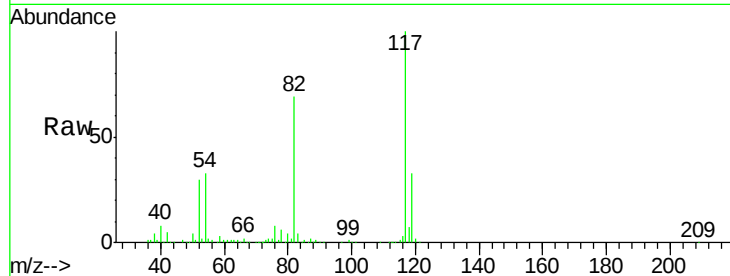
119 33.

Manual Integrations

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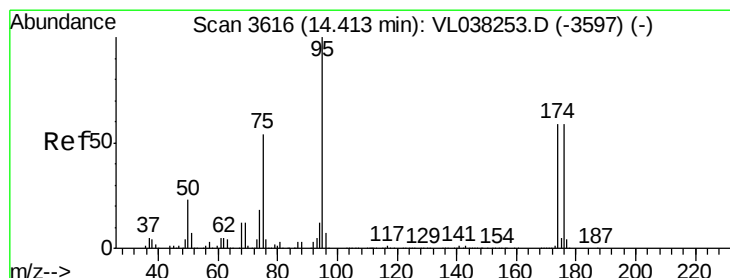
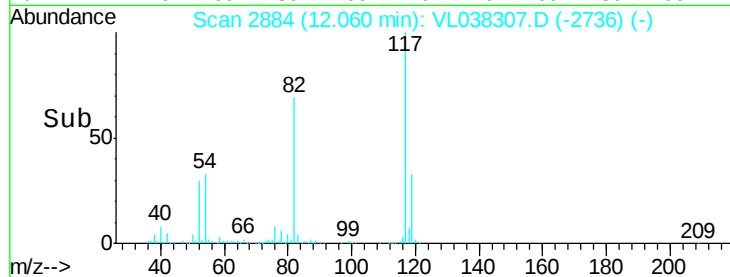
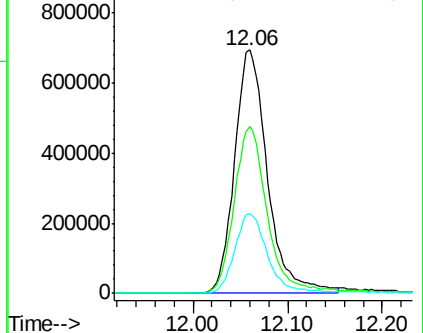
Supervised By :Mahesh Dadoda 01/28/2022



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.546 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.02 min

Lab File: VL038307.D

Acq: 27 Jan 2022 21:53

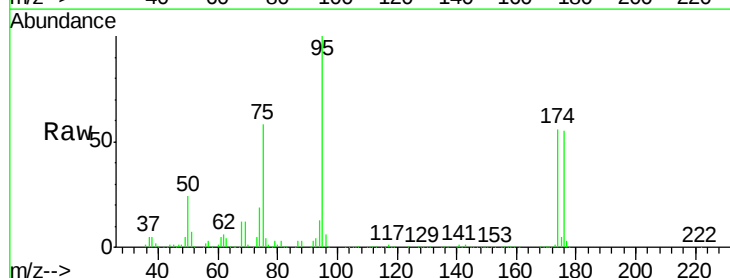
Tgt Ion: 95 Resp: 1218922

Ion Ratio Lower Upper

95 100

174 61.7 48.3 72.5

175 4.6 3.5 5.3



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

