

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038103.D
 Acq On : 23 Nov 2021 17:20
 Operator : SY/AP
 Sample : M4805-06DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-JEWELRY-DESIGNDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 28 11:56:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	883066	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2669242	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2327641	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1803280	10.74	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	26891m	0.394	ppbv	
11) Trichlorofluoromethane	3.95	101	23521	0.170	ppbv	91
13) Ethanol	3.60	45	362376	54.905	ppbv	96
15) Acetone	3.85	43	850901	11.114	ppbv	100
17) tert-Butyl alcohol	4.30	59	35248m	0.380	ppbv	
19) Isopropyl Alcohol	3.97	45	1874330	33.882	ppbv	100
26) Hexane	5.68	57	28985m	0.236	ppbv	
27) Carbon Disulfide	4.55	76	23992	0.218	ppbv #	77
34) 2-Butanone	5.25	43	42297m	0.393	ppbv	
36) Benzene	6.88	78	101186	0.380	ppbv	98
40) 1,4-Dioxane	7.85	88	52468m	1.972	ppbv	
52) Tetrachloroethene	11.21	164	229619	2.331	ppbv	97
53) Toluene	9.80	91	33518m	0.109	ppbv	
62) Isopropylbenzene	14.65	105	77345m	0.181	ppbv	

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

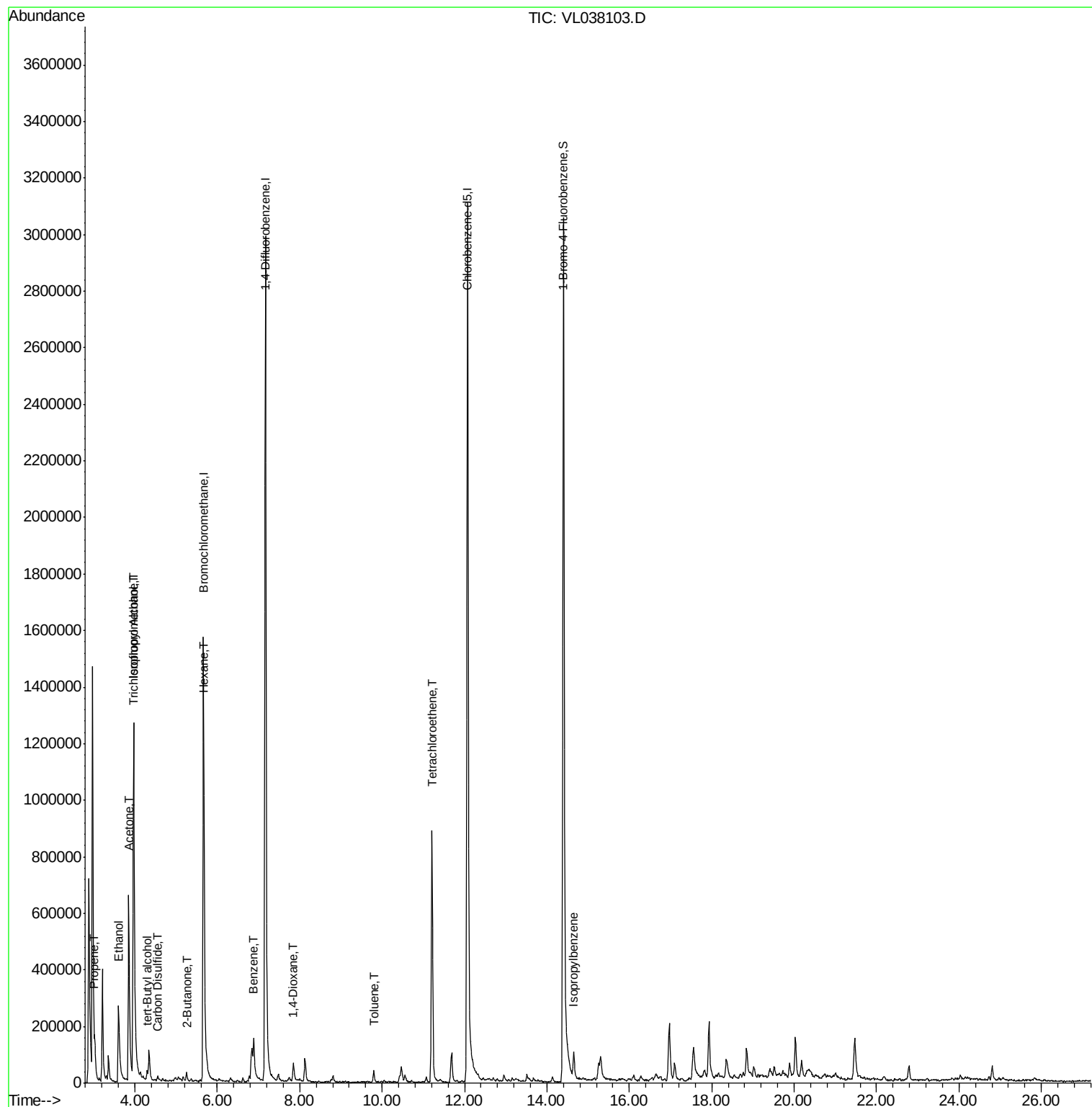
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112321\
Data File : VL038103.D
Acq On : 23 Nov 2021 17:20
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Sample : M4805-06DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

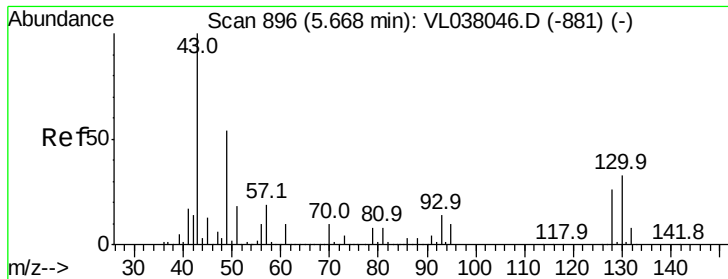
Instrument :
MSVOA_L
ClientSampleId :
SG-JEWELRY-DESIGNDL

Quant Time: Nov 28 11:56:35 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T. 0.00

Lab File: ClientSampleId: SG-JEWELRY-DESIGNDL

Acq: 23 Nov 2021 17:20

Tot Ion:

Ion Ratio

49 100

128 51.

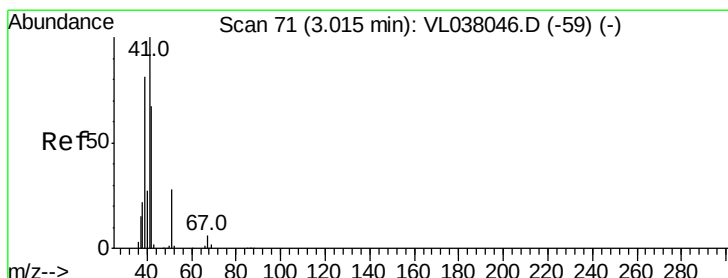
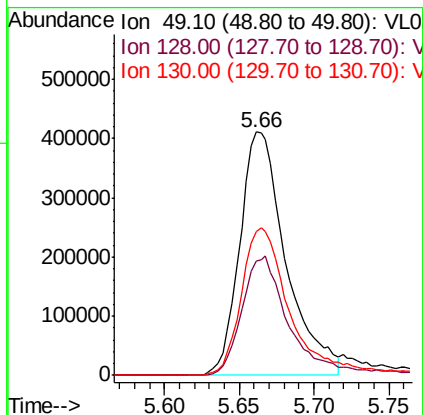
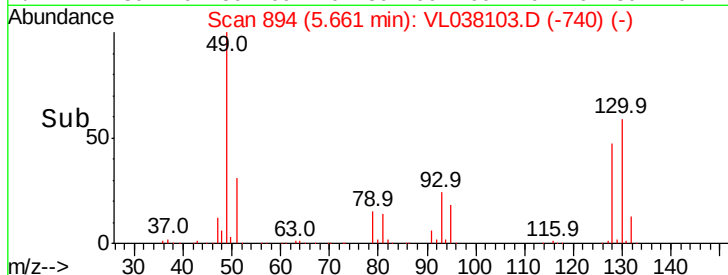
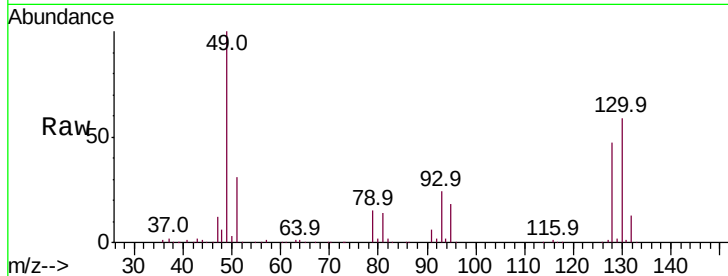
130 66.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#9

Propene

Concen: 0.394 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.00 min

Lab File: VL038103.D

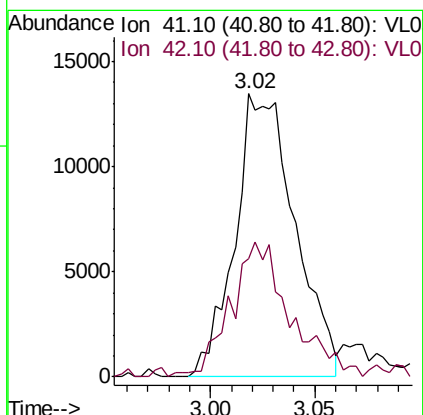
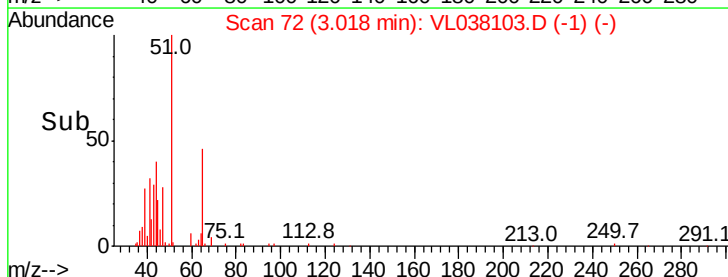
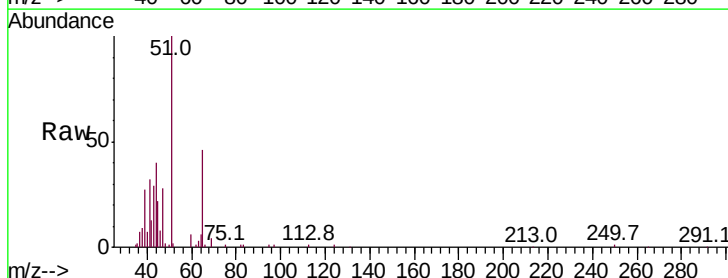
Acq: 23 Nov 2021 17:20

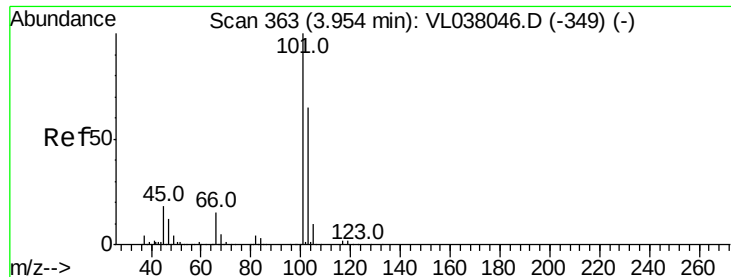
Tgt Ion: 41 Resp: 26891

Ion Ratio Lower Upper

41 100

42 357.9 53.8 80.8#





#11

Trichlorofluoromethane

Concen: 0.170 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 17:20 SG-JEWELRY-DESIGNDL

Tot Ion:1

Ion Rati

101 100

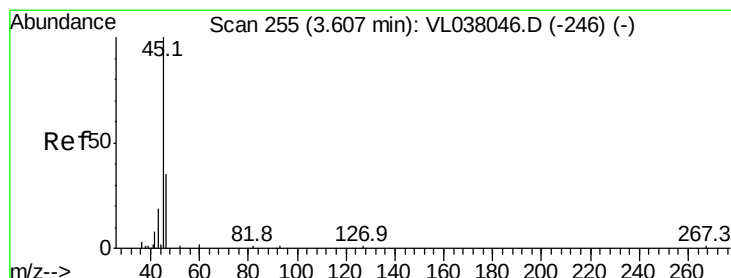
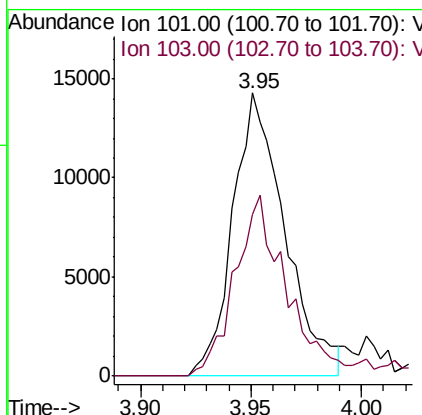
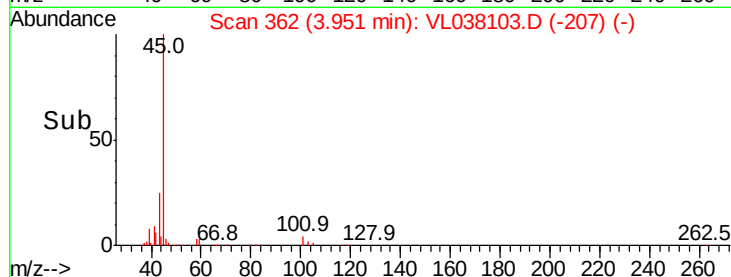
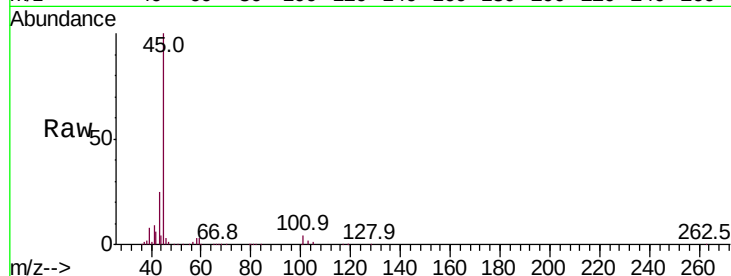
103 57.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#13

Ethanol

Concen: 54.905 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL038103.D

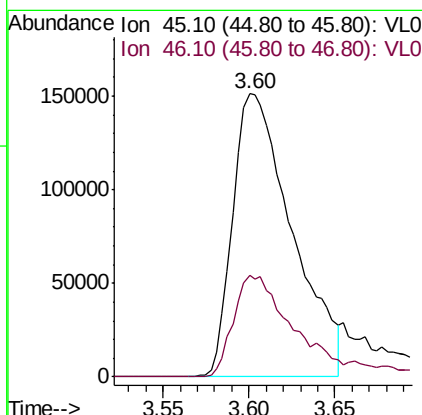
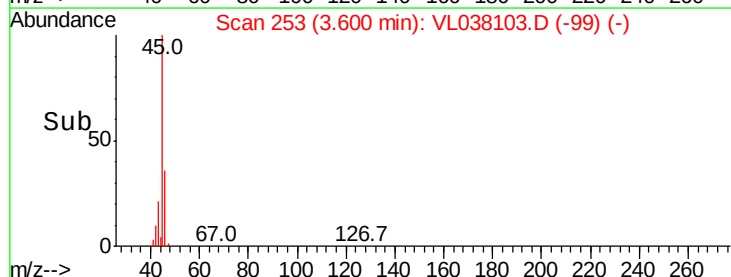
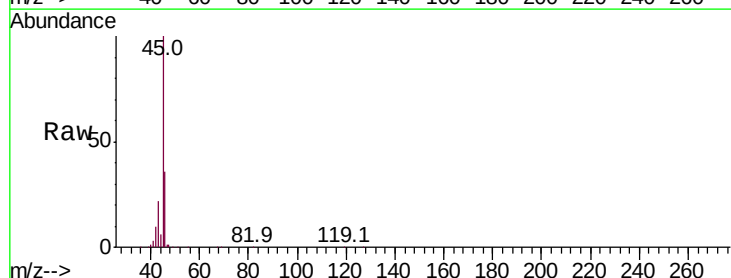
Acq: 23 Nov 2021 17:20

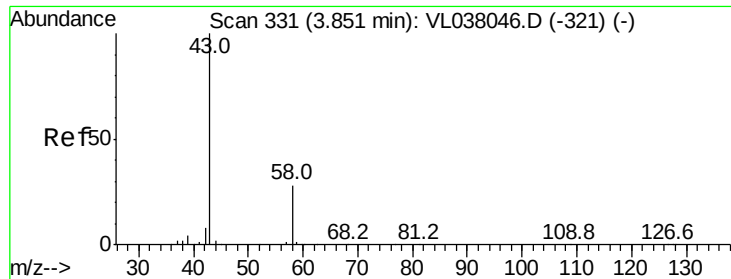
Tgt Ion: 45 Resp: 362376

Ion Ratio Lower Upper

45 100

46 41.0 17.6 70.2





#15

Acetone

Concen: 11.114 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Nov 2021 17:20 SG-JEWELRY-DESIGNDL

Tot Ion:

Ion Ratio

43 100

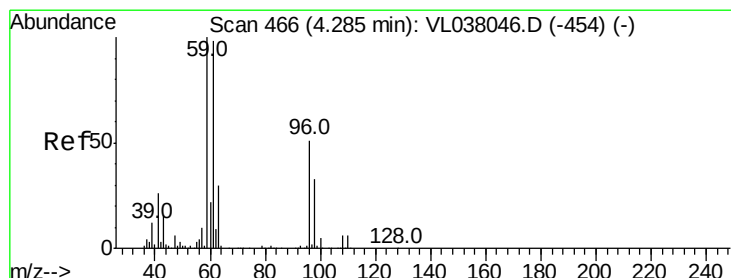
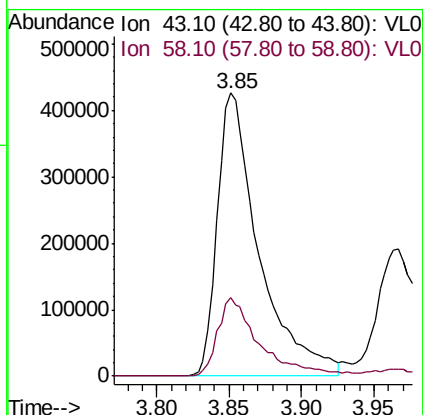
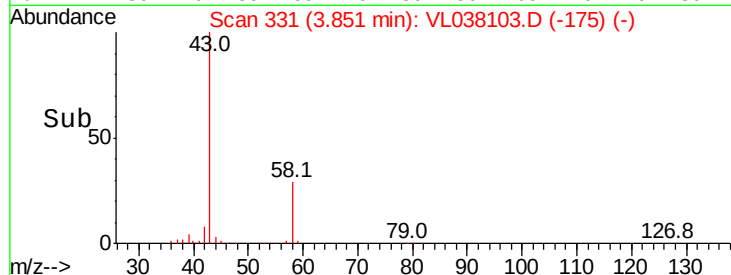
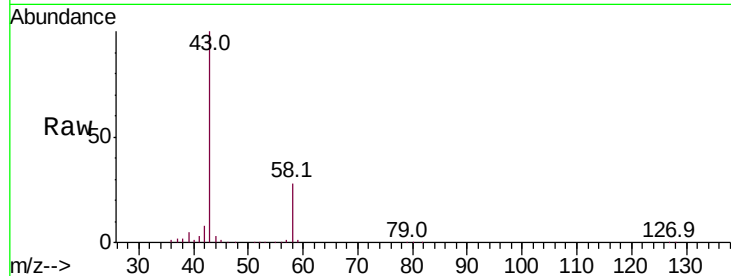
58 27.

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#17

tert-Butyl alcohol

Concen: 0.380 ppbv m

RT: 4.30 min Scan# 471

Delta R.T. 0.02 min

Lab File: VL038103.D

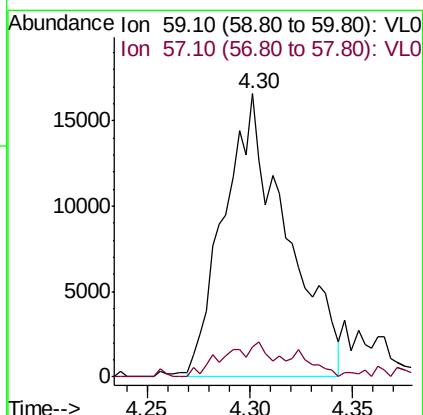
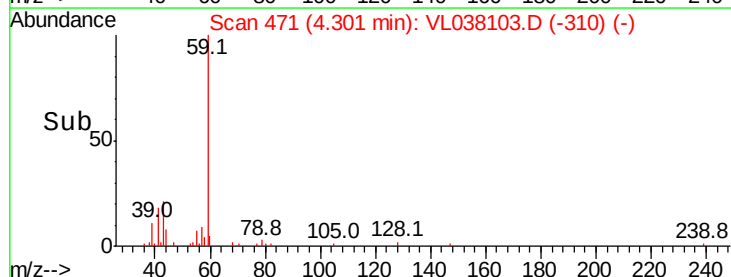
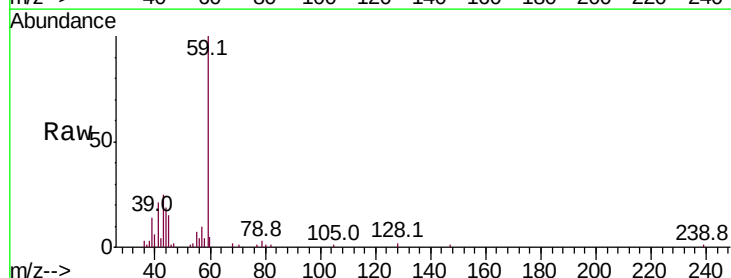
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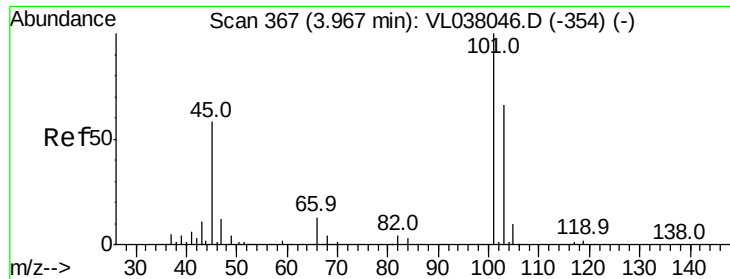
Tgt Ion: 59 Resp: 35248

Ion Ratio Lower Upper

59 100

57 14.3 8.6 13.0#





#19

Isopropyl Alcohol

Concen: 33.882 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 17:20

Tot Ion:

Ion Ratio

45 100

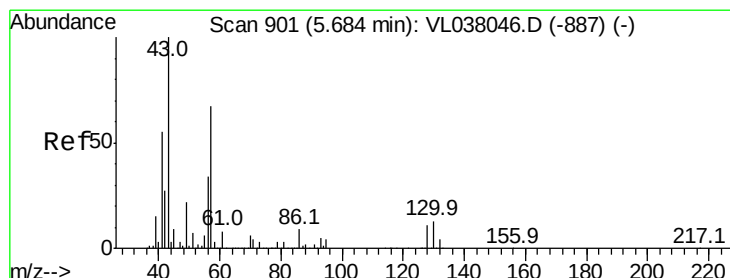
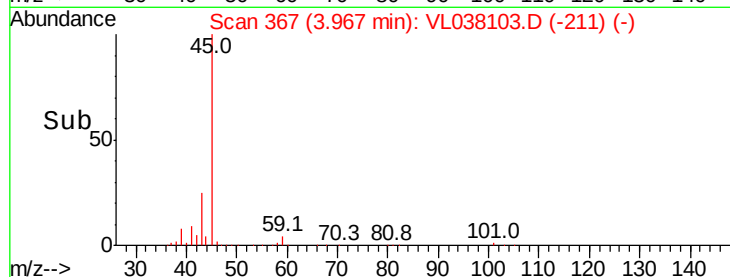
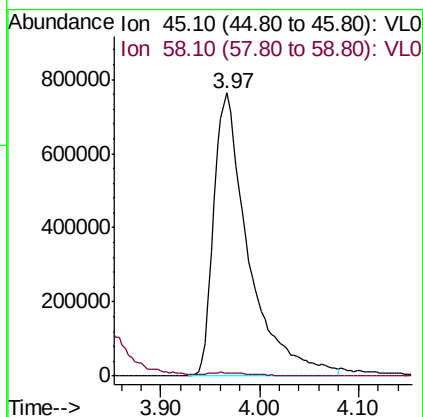
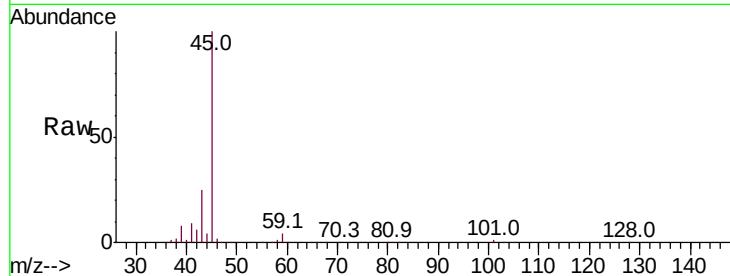
58 1.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#26

Hexane

Concen: 0.236 ppbv m

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

Lab File: VL038103.D

Acq: 23 Nov 2021 17:20

Tgt Ion: 57 Resp: 28985

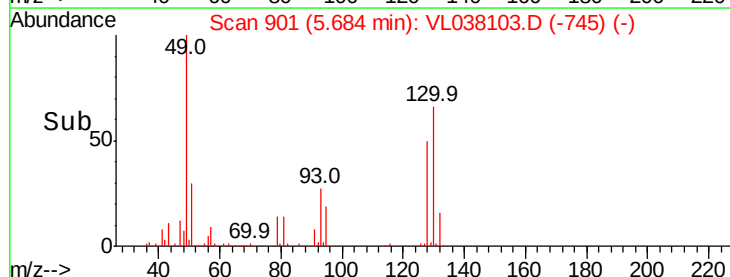
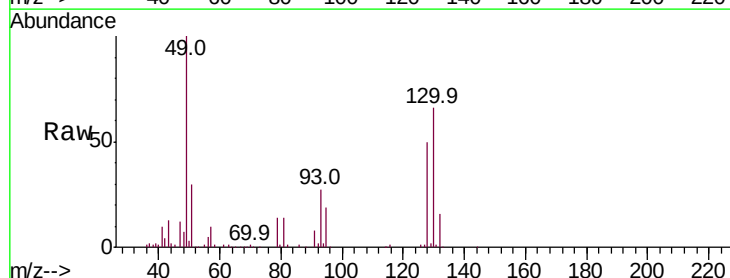
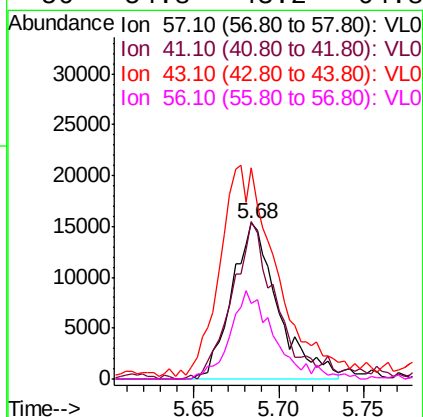
Ion Ratio Lower Upper

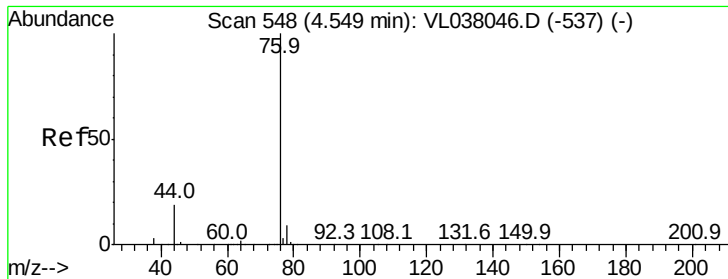
57 100

41 103.0 71.4 107.2

43 170.2 174.6 261.8#

56 54.8 43.2 64.8



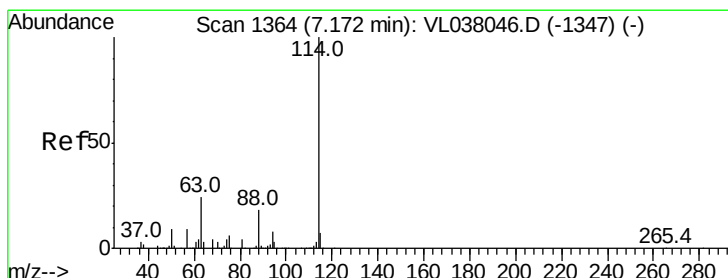
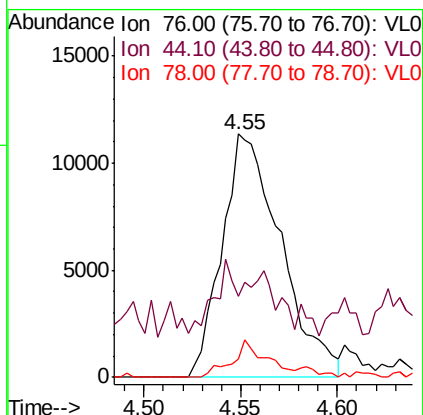
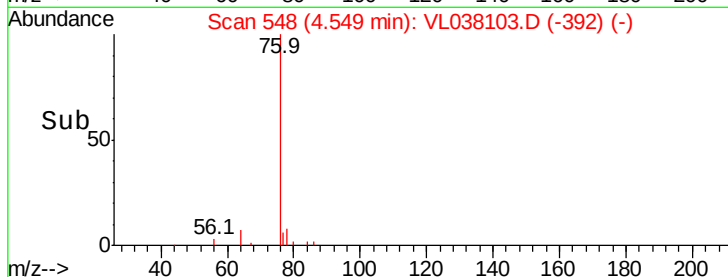
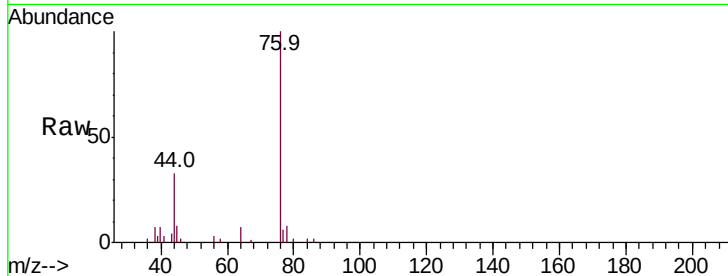


#27
Carbon Disulfide
 Concen: 0.218 ppbv
 RT: 4.55
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 17:20 SG-JEWELRY-DESIGNDL

Tot Ion:
 Ion Ratio
 76 100
 44 33.
 78 11.

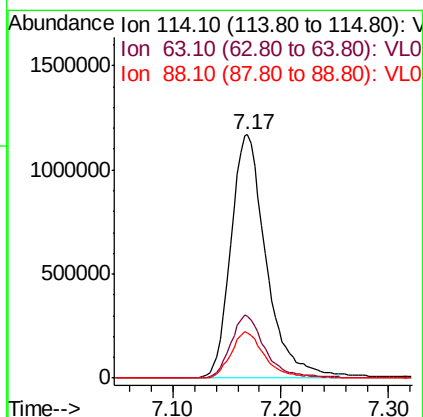
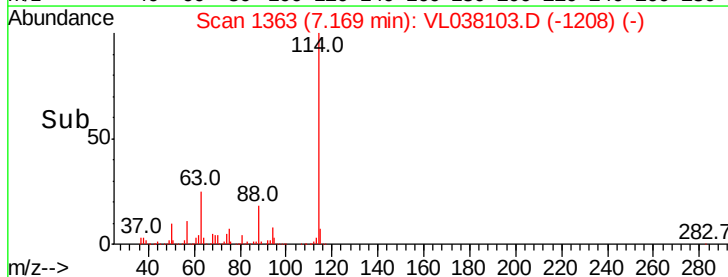
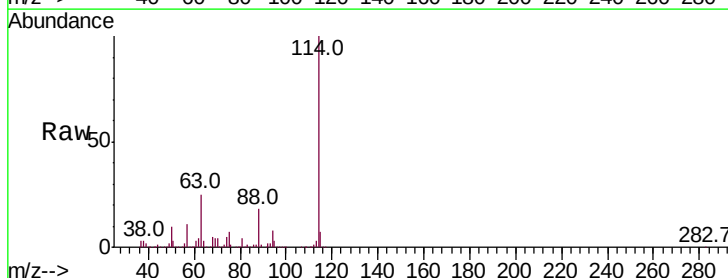
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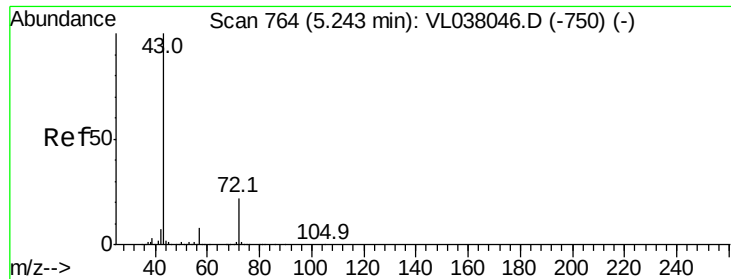
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#33
1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VL038103.D
 Acq: 23 Nov 2021 17:20

Tgt Ion:114 Resp: 2669242
 Ion Ratio Lower Upper
 114 100
 63 25.5 19.7 29.5
 88 18.6 14.4 21.6



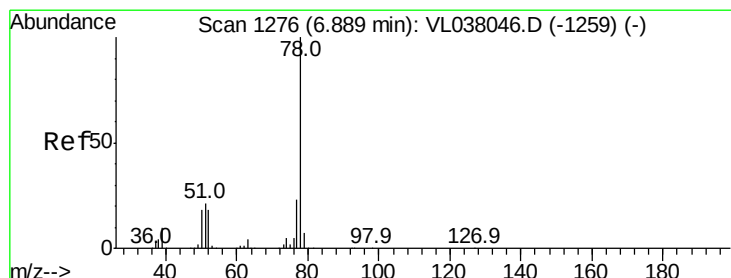
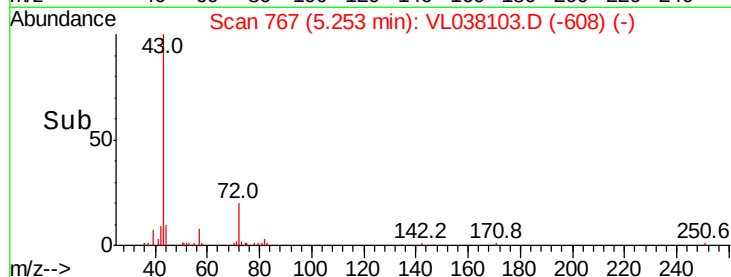
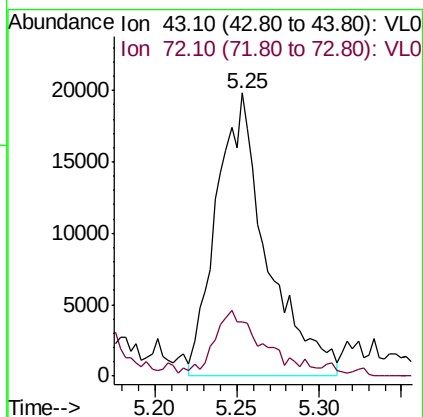
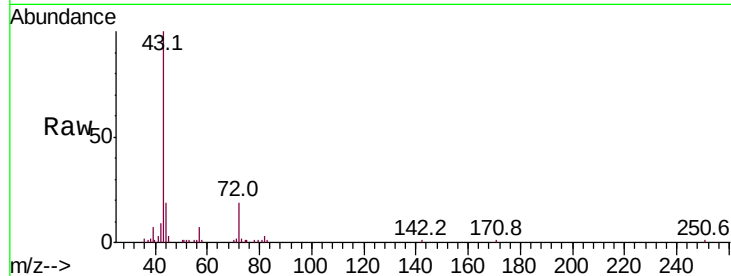


#34
2-Butanone
Concen: 0.393 ppbv m
RT: 5.25
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SG-JEWELRY-DESIGN.DL
Acq: 23 Nov 2021 17:20

Tot Ion:
Ion Ratio
43 100
72 25.

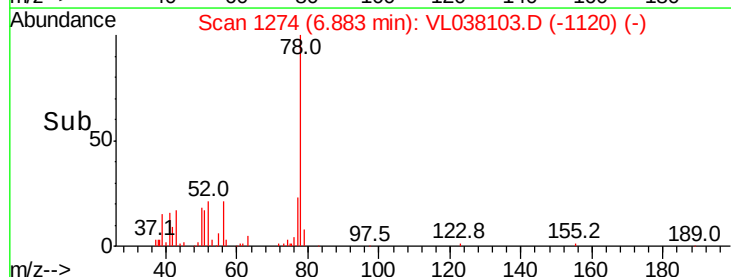
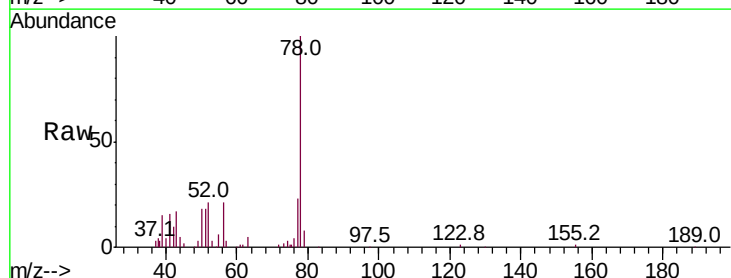
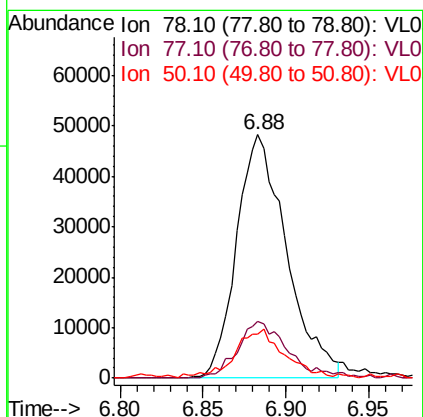
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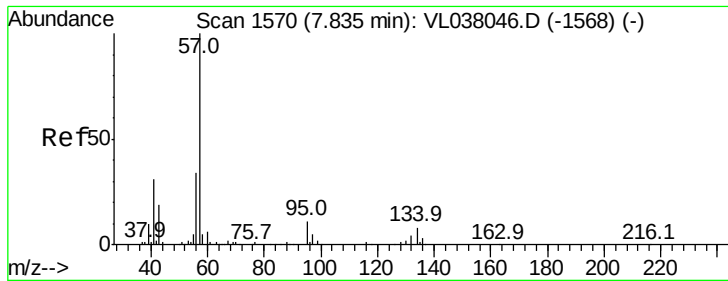
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



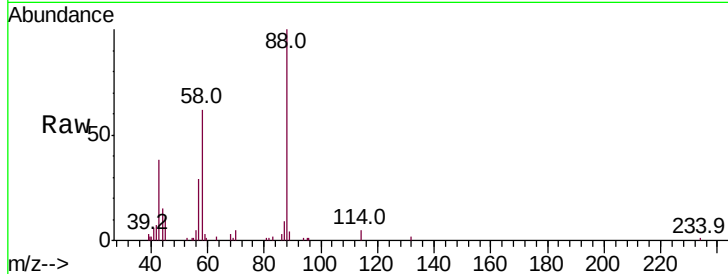
#36
Benzene
Concen: 0.380 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL038103.D
Acq: 23 Nov 2021 17:20

Tgt Ion: 78 Resp: 101186
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4
50 17.1 14.7 22.1





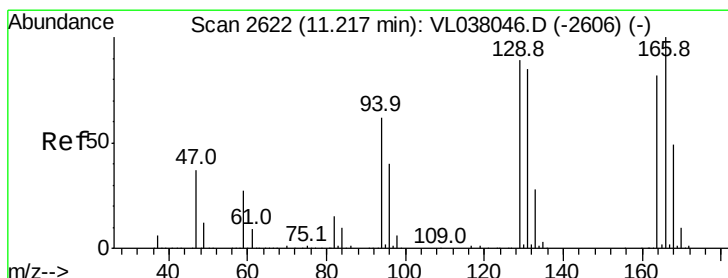
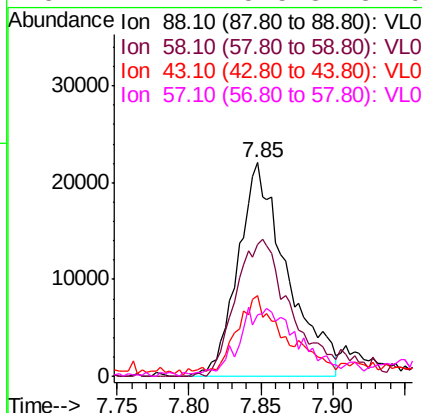
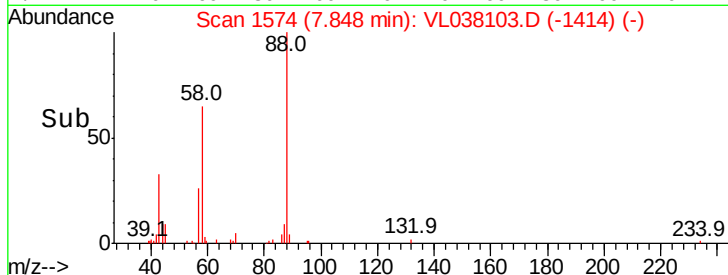
#40
1,4-Dioxane
Concen: 1.972 ppbv m
RT: 7.85
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Nov 2021 17:20 SG-JEWELRY-DESIGNDL



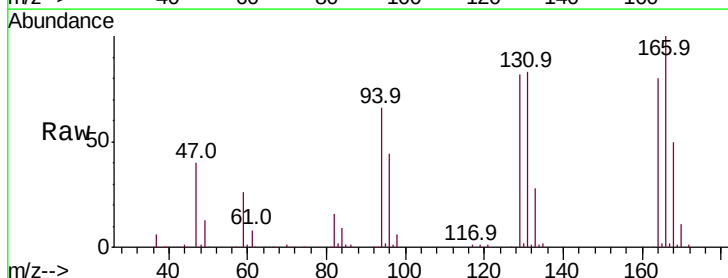
Tot Ion: 88.10 (87.80 to 88.80): VL0
Ion Ratio
88 100
58 78.
43 37.
57 42.4 2513.8 3770.8#

Manual Integrations
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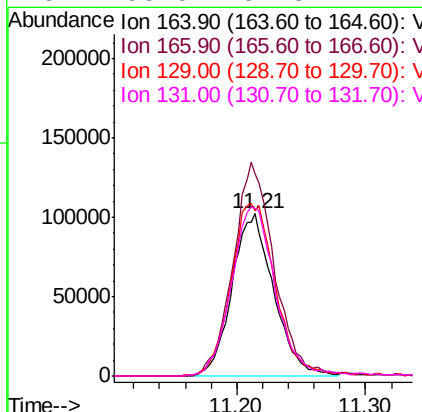
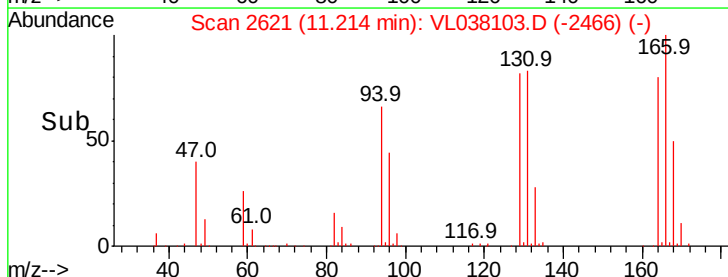
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021

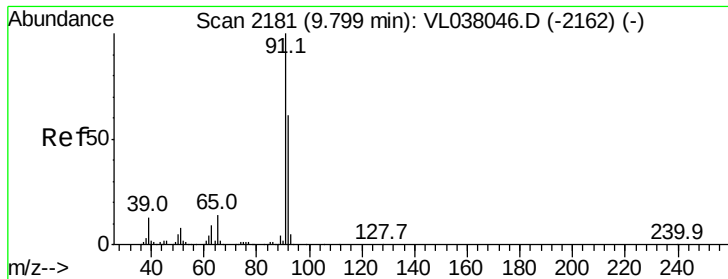


#52
Tetrachloroethene
Concen: 2.331 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.00 min
Lab File: VL038103.D
Acq: 23 Nov 2021 17:20



Tgt Ion:164 Resp: 229619
Ion Ratio Lower Upper
164 100
166 124.6 97.2 145.8
129 101.3 86.9 130.3
131 103.0 82.8 124.2





#53

Toluene

Concen: 0.109 ppbv m

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 17:20 SG-JEWELRY-DESIGNDL

Tot Ion:

Ion Ratio

91 100

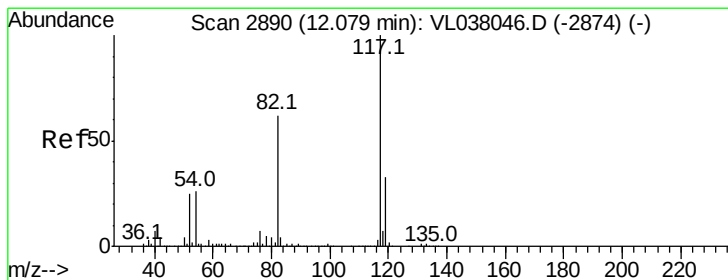
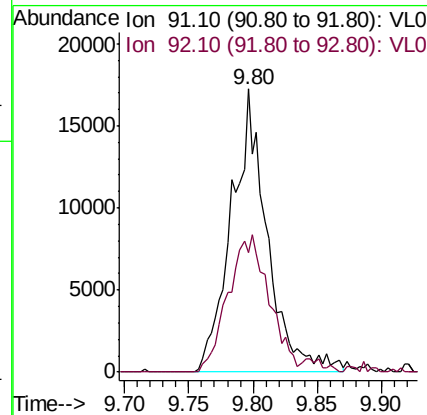
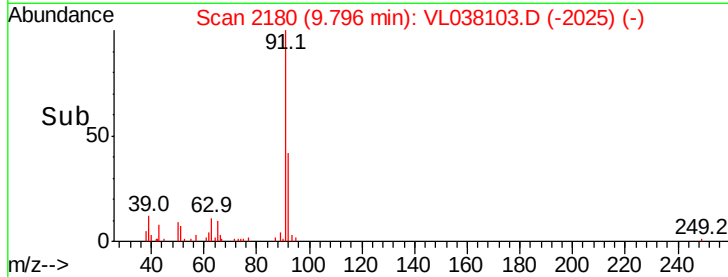
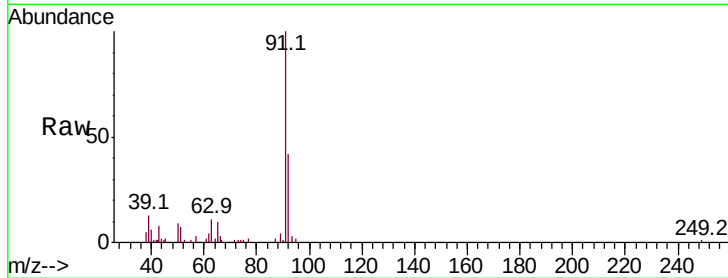
92 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2888

Delta R.T. -0.01 min

Lab File: VL038103.D

Acq: 23 Nov 2021 17:20

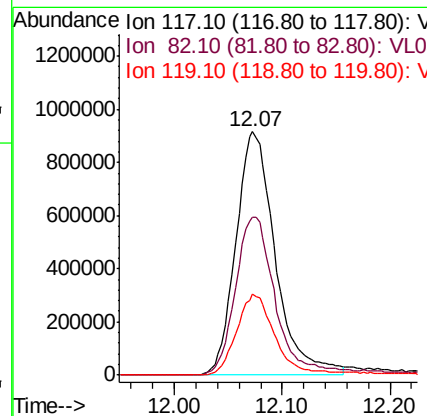
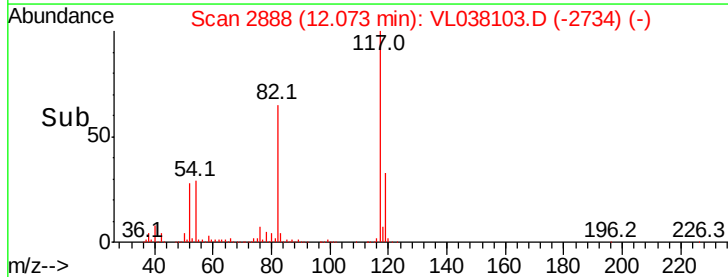
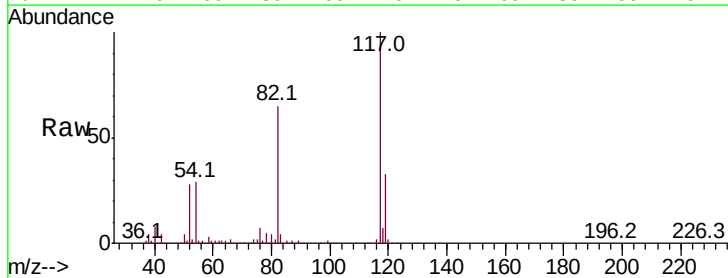
Tgt Ion:117 Resp: 2327641

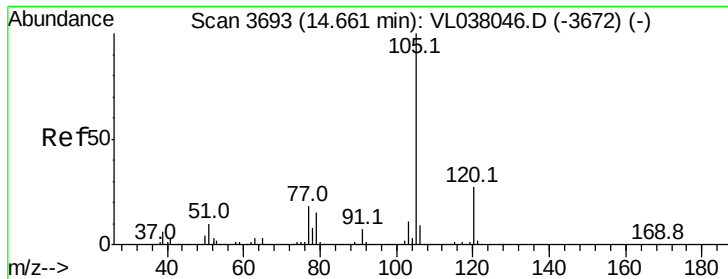
Ion Ratio Lower Upper

117 100

82 68.8 52.8 79.2

119 34.1 26.8 40.2





#62

Isopropylbenzene

Concen: 0.181 ppbv m

RT: 14.65

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Nov 2021 17:20

Tot Ion:1

Ion Ratio

105 100

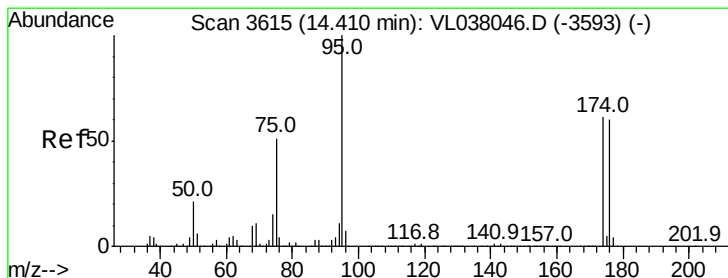
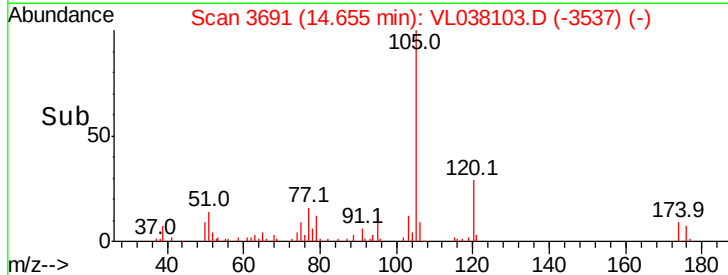
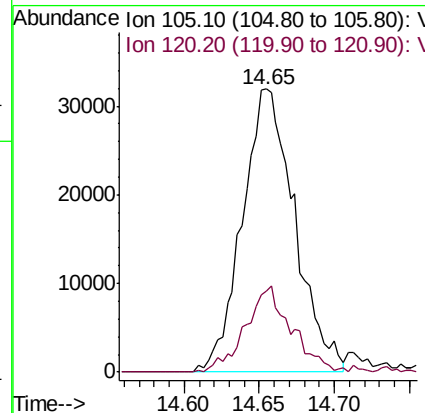
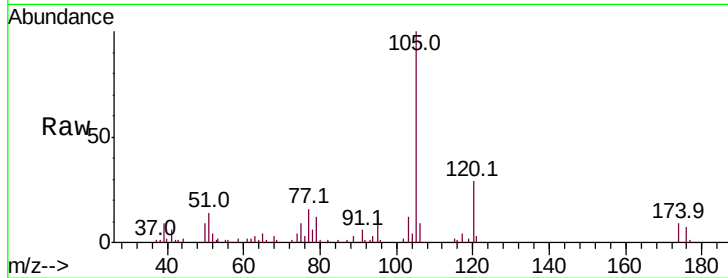
120 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.740 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.01 min

Lab File: VL038103.D

Acq: 23 Nov 2021 17:20

Tgt Ion: 95 Resp: 1803280

Ion Ratio Lower Upper

95 100

174 63.7 53.1 79.7

175 4.5 4.0 6.0

