

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
 Data File : VL038401.D
 Acq On : 22 Feb 2022 23:27
 Operator : SY/AP
 Sample : N1607-08DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Mahesh Dadoda 02/25/2022

Quant Time: Feb 23 08:08:56 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222A

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	907020	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2165675	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1891625	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1573175	10.05	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.61	45	207710	39.36	ppbv	93
15) Acetone	3.86	43	726250	9.42	ppbv	98
17) tert-Butyl alcohol	4.30	59	54518	0.71	ppbv	95
19) Isopropyl Alcohol	3.97	45	3219322	72.08	ppbv #	97
20) Methylene Chloride	4.35	84	22226m	0.58	ppbv	
26) Hexane	5.69	57	15506	0.17	ppbv #	49
34) 2-Butanone	5.26	43	31339	0.46	ppbv	94
53) Toluene	9.81	91	238923	1.15	ppbv	97
59) m/p-Xylene	12.96	91	57507m	0.26	ppbv	
60) o-Xylene	13.68	91	26533m	0.13	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	56992m	0.26	ppbv	

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

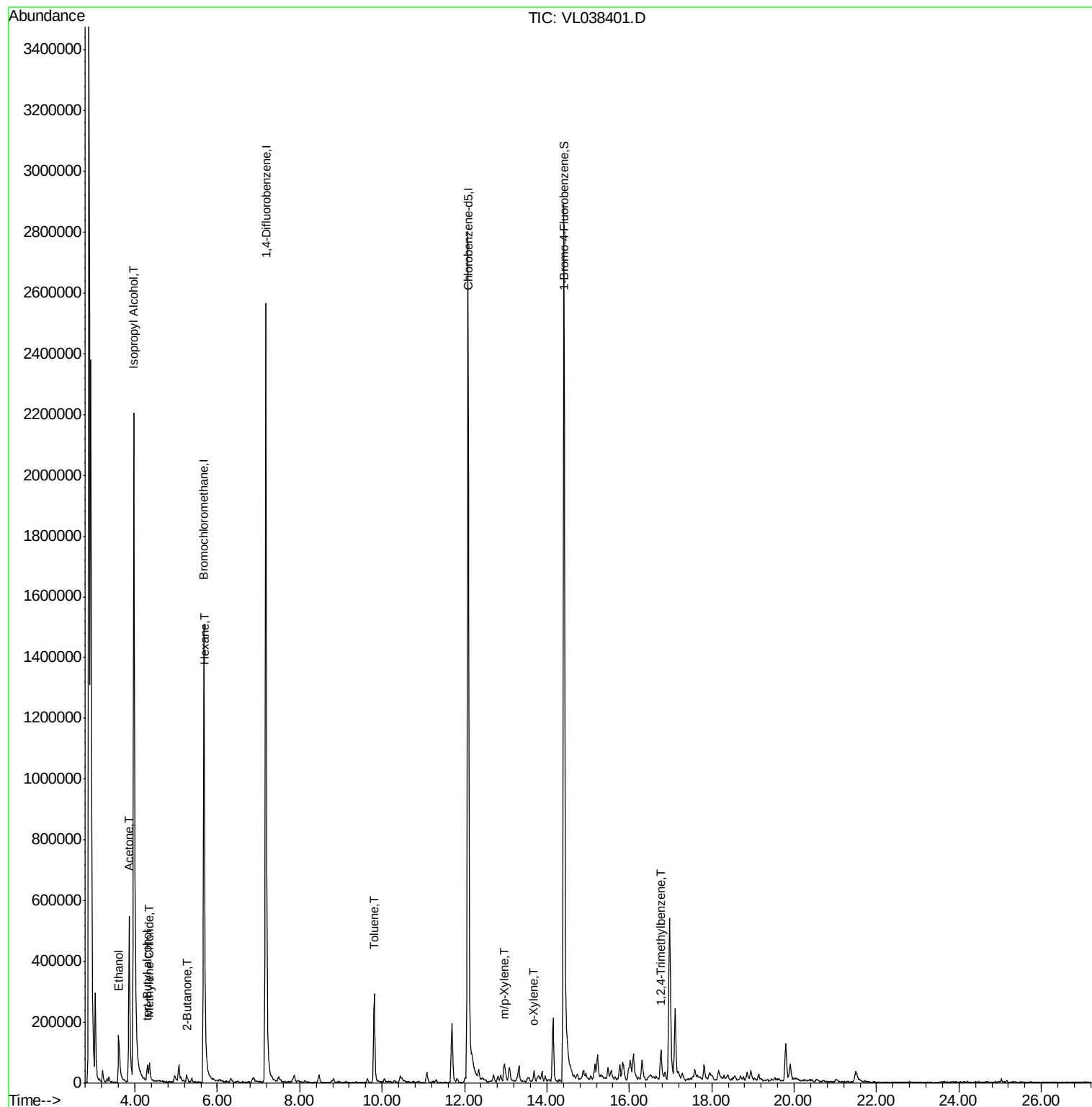
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Data File : VL038401.D
Acq On : 22 Feb 2022 23:27
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Sample : N1607-08DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

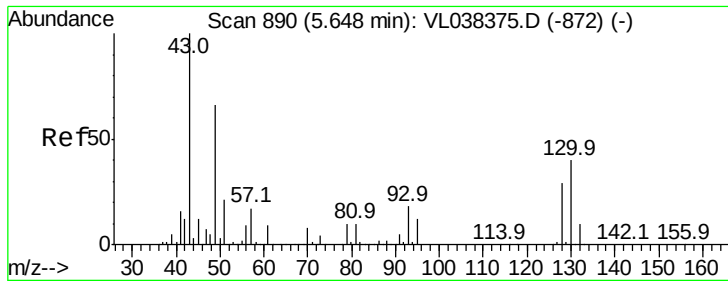
Instrument :
MSVOA_L
ClientSampleId :
MP-1DL

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Quant Time: Feb 23 08:08:56 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL022222\
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 22 Feb 2022 23:27

Tgt Ion:

Ion Ratio

49 100

128 46.

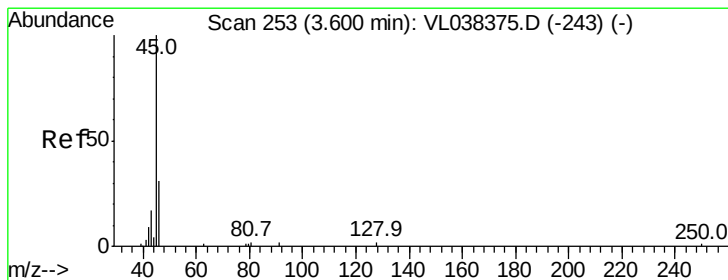
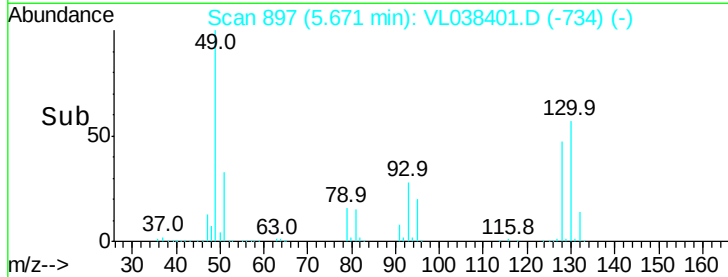
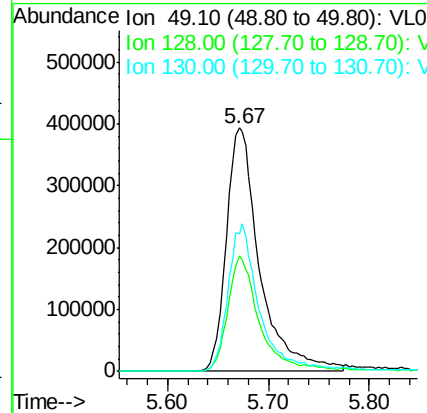
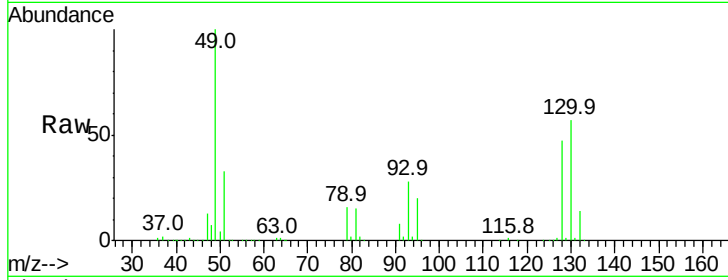
130 58.

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Reviewed By :Semsettin Yesilyurt 02/23/2022

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#13

Ethanol

Concen: 39.36 ppbv

RT: 3.61 min Scan# 255

Delta R.T. 0.01 min

Lab File: VL038401.D

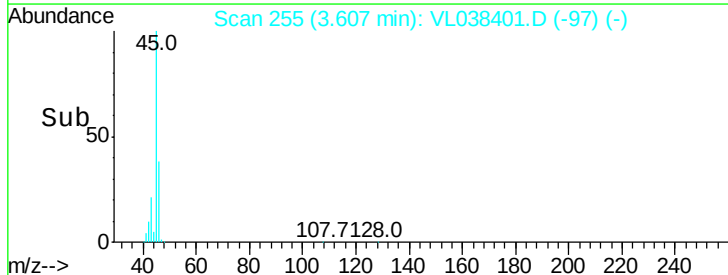
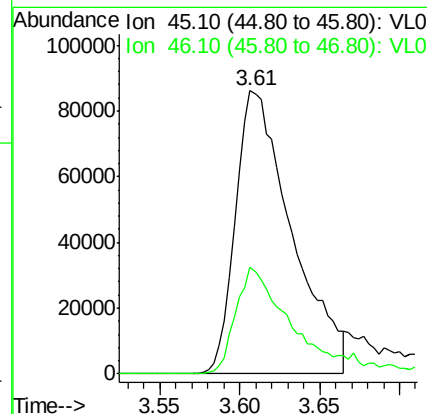
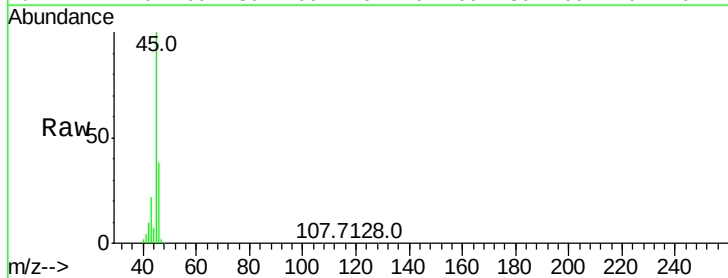
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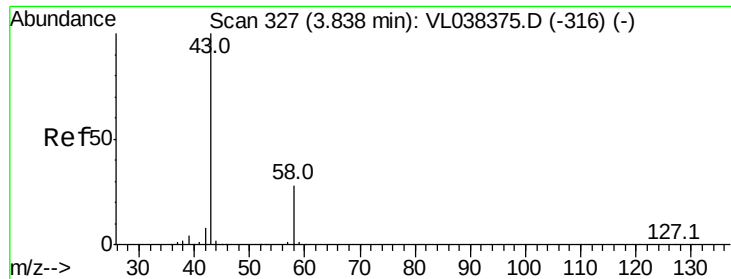
Tgt Ion: 45 Resp: 207710

Ion Ratio Lower Upper

45 100

46 41.2 18.2 72.8





#15

Acetone

Concen: 9.42 ppbv

RT: 3.86 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 22 Feb 2022 23:27

Tgt Ion:

Ion Ratio

43 100

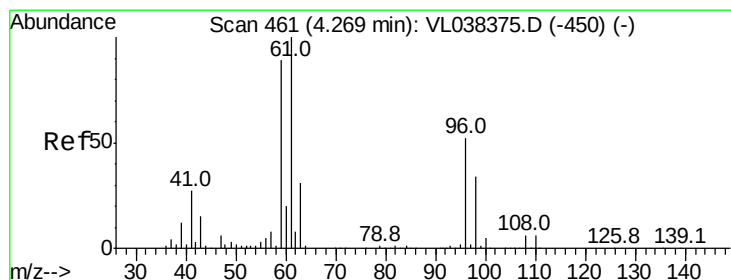
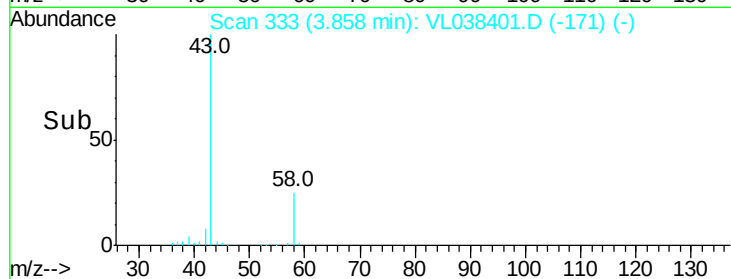
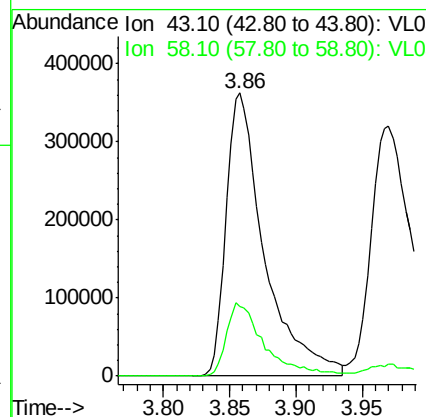
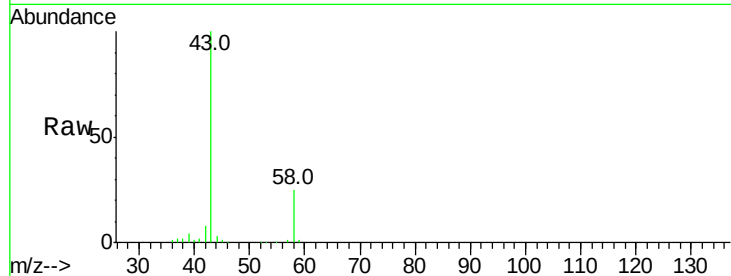
58 26.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Mahesh Dadoda 02/25/2022



#17

tert-Butyl alcohol

Concen: 0.71 ppbv

RT: 4.30 min Scan# 472

Delta R.T. 0.04 min

Lab File: VL038401.D

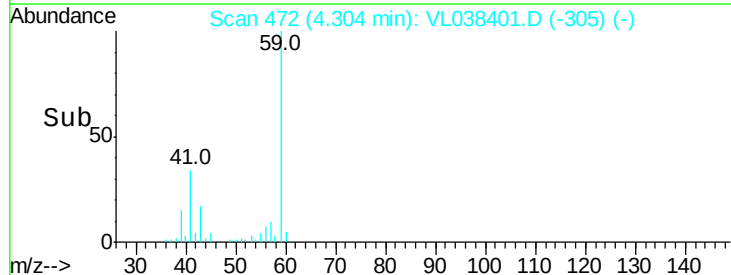
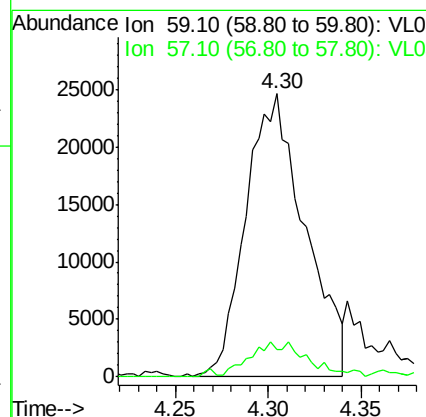
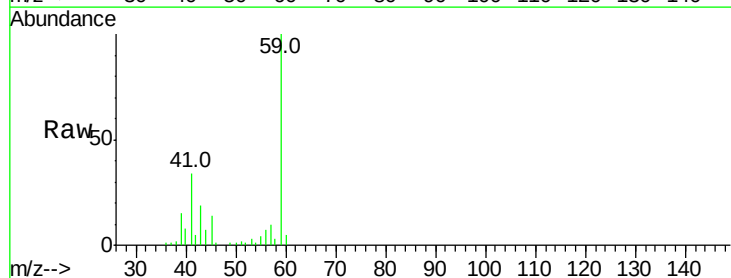
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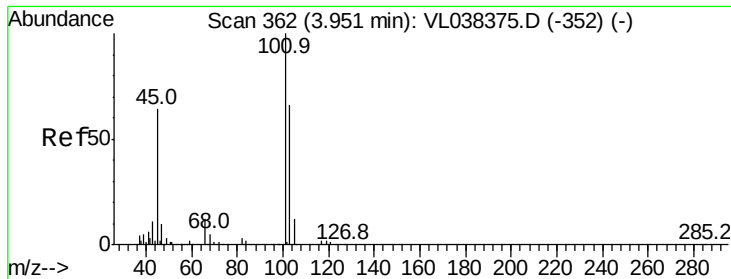
Tgt Ion: 59 Resp: 54518

Ion Ratio Lower Upper

59 100

57 12.5 8.4 12.6



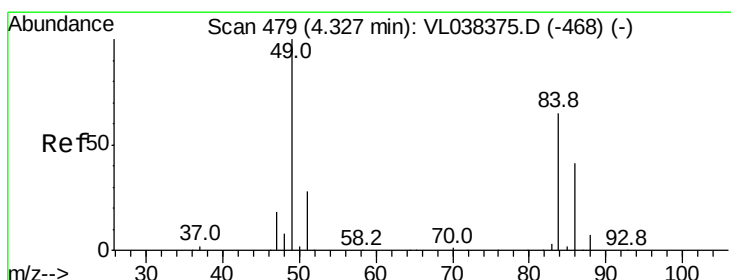
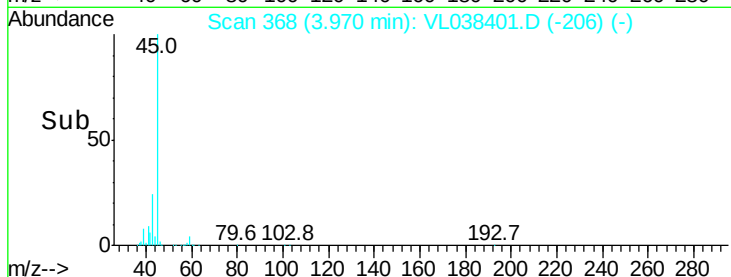
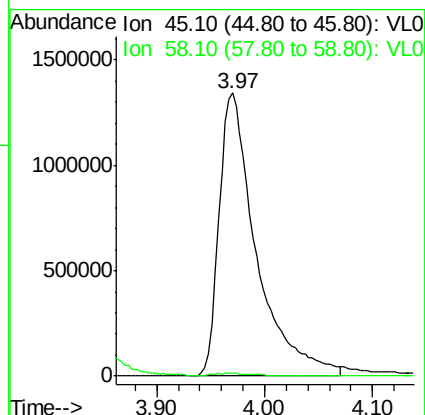
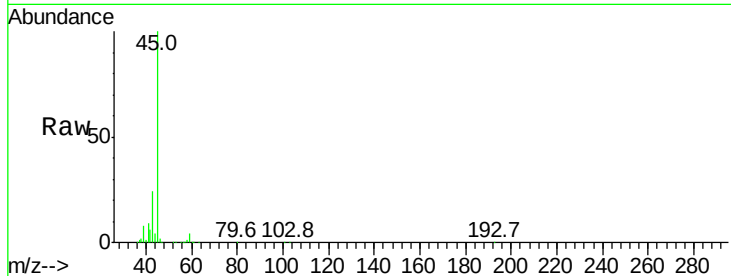


#19
Isopropyl Alcohol
Concen: 72.08 ppbv
RT: 3.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 22 Feb 2022 23:27

Tgt Ion:
Ion Ratio
45 100
58 1.

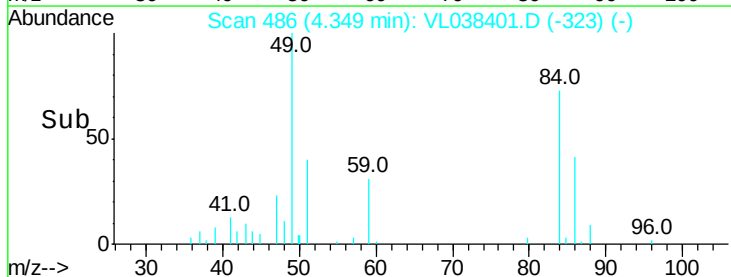
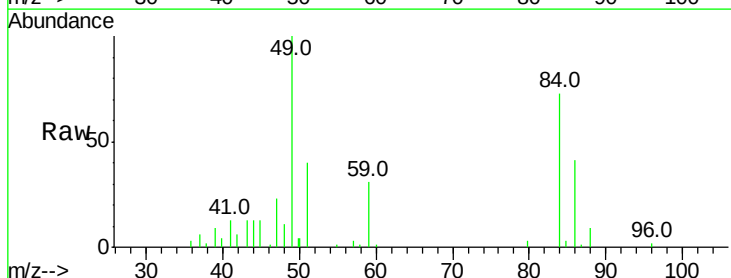
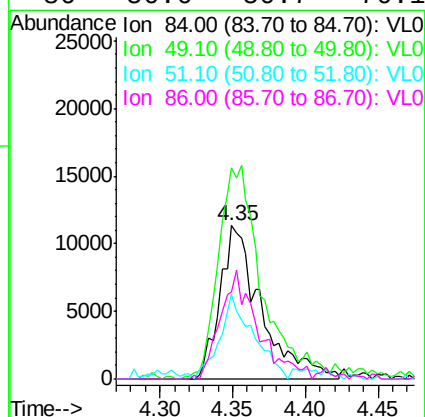
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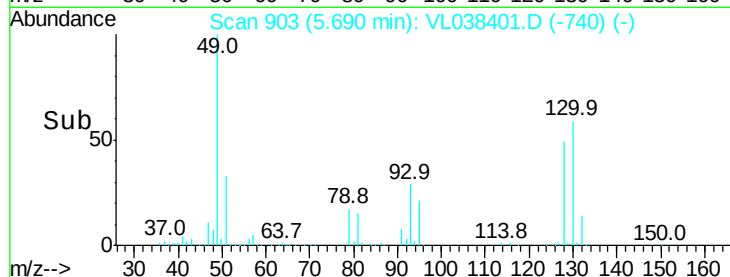
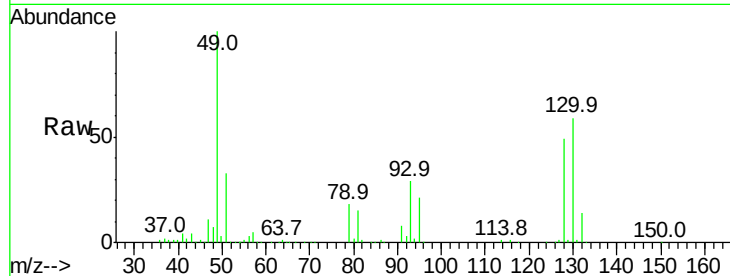
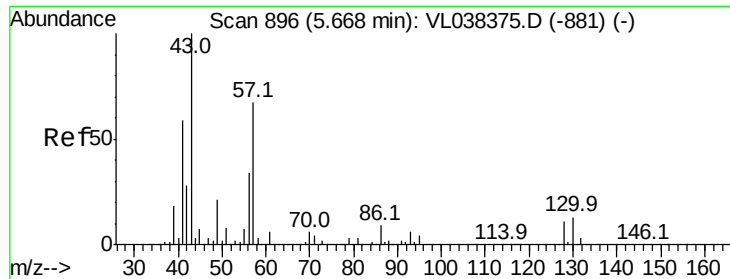
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#20
Methylene Chloride
Concen: 0.58 ppbv m
RT: 4.35 min Scan# 486
Delta R.T. 0.02 min
Lab File: VL038401.D
Acq: 22 Feb 2022 23:27

Tgt Ion: 84 Resp: 22226
Ion Ratio Lower Upper
84 100
49 137.3 122.4 183.6
51 55.2 33.3 49.9#
86 56.6 50.7 76.1



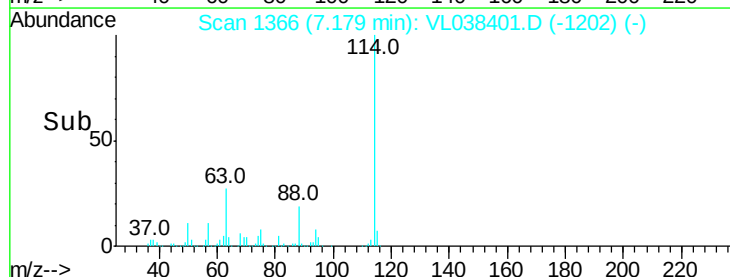
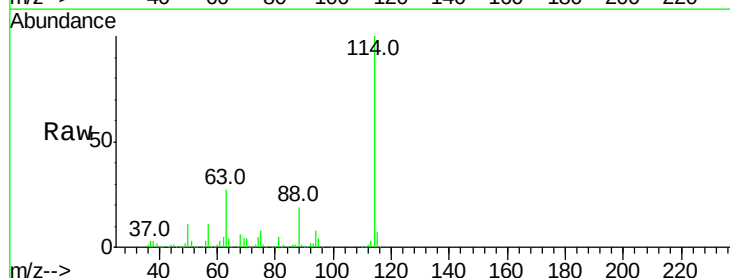
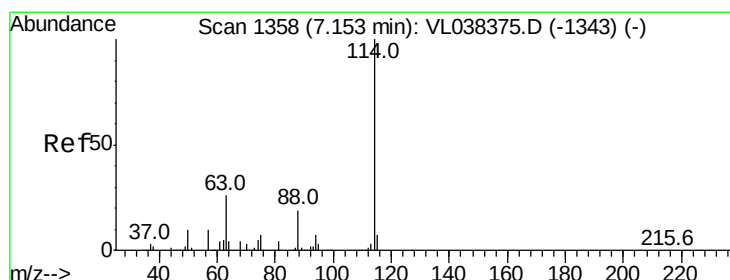
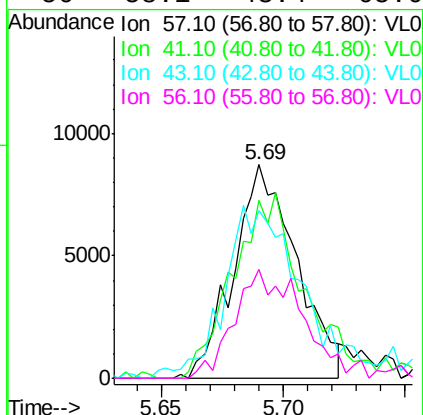


#26
Hexane
Concen: 0.17 ppbv
RT: 5.69
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 22 Feb 2022 23:27

Tgt Ion:
Ion Ratio
57 100
41 106.
43 102.
56 58.1 43.4 65.0

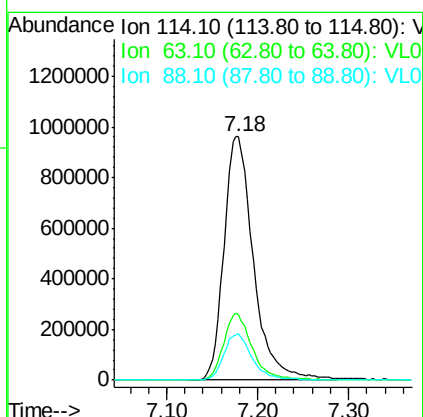
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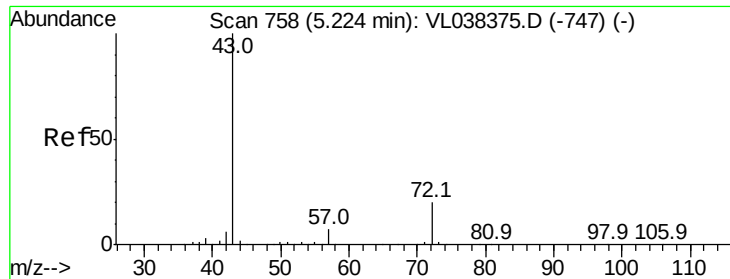
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.03 min
Lab File: VL038401.D
Acq: 22 Feb 2022 23:27

Tgt Ion:114 Resp: 2165675
Ion Ratio Lower Upper
114 100
63 27.0 22.2 33.2
88 18.7 15.2 22.8



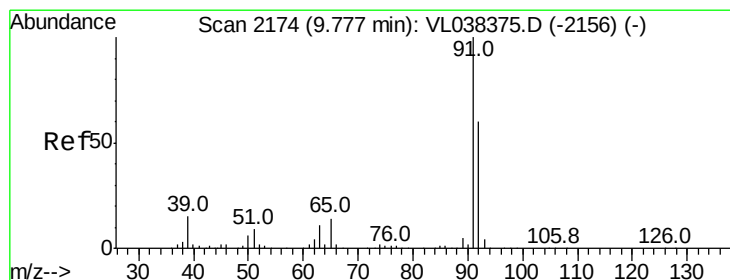
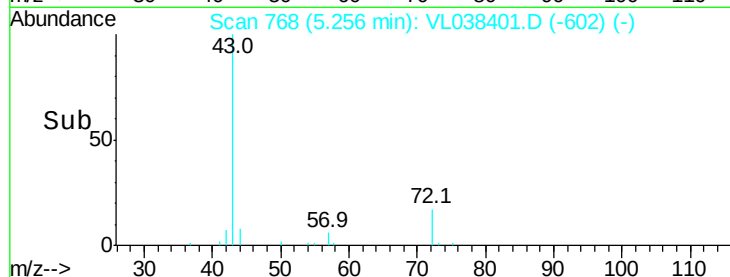
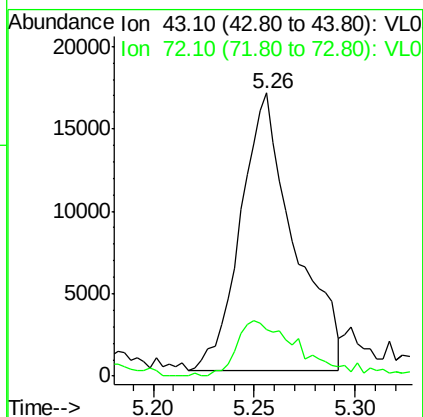
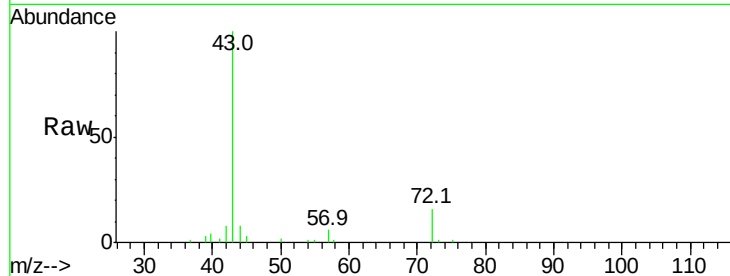


#34
2-Butanone
Concen: 0.46 ppbv
RT: 5.26
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 22 Feb 2022 23:27

Tgt Ion:
Ion Ratio
43 100
72 24.

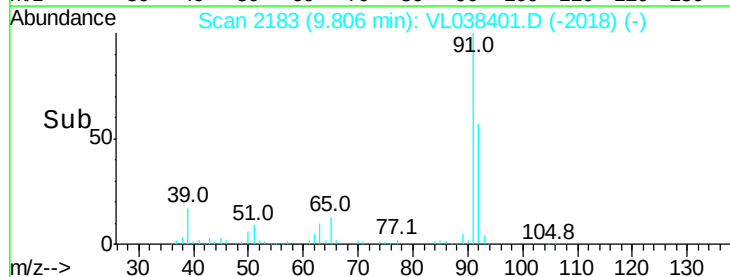
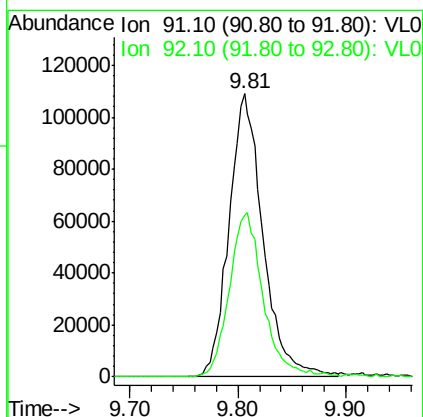
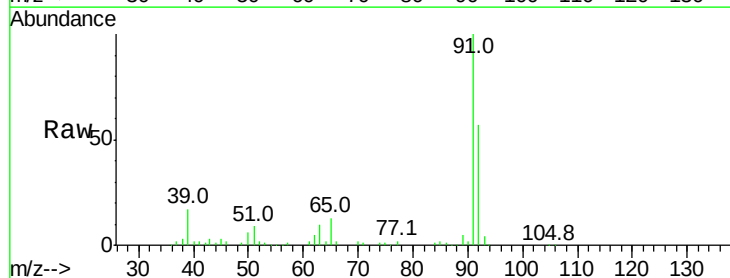
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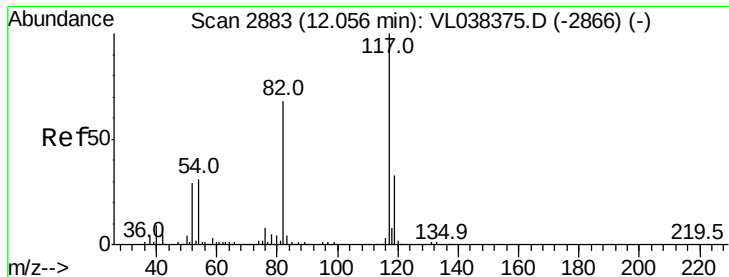
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#53
Toluene
Concen: 1.15 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. 0.03 min
Lab File: VL038401.D
Acq: 22 Feb 2022 23:27

Tgt Ion: 91 Resp: 238923
Ion Ratio Lower Upper
91 100
92 58.0 48.2 72.4





#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.09

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 22 Feb 2022 23:27

Tgt Ion:1

Ion Rati

117 100

82 74.

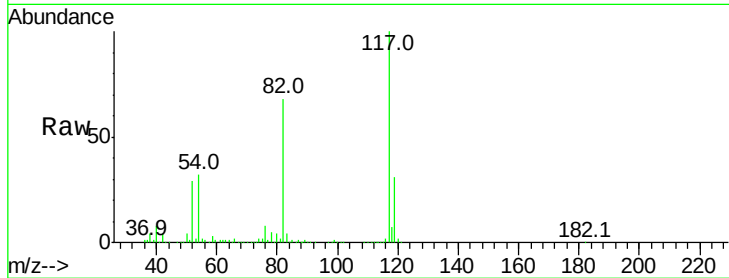
119 34.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/23/2022

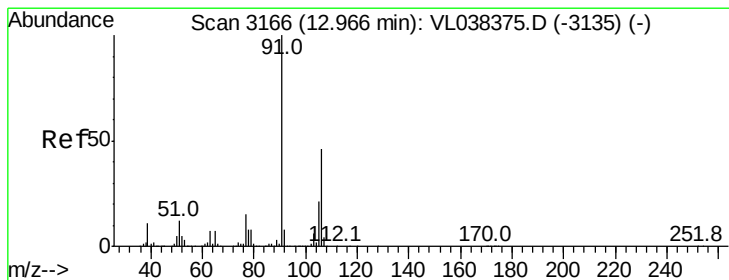
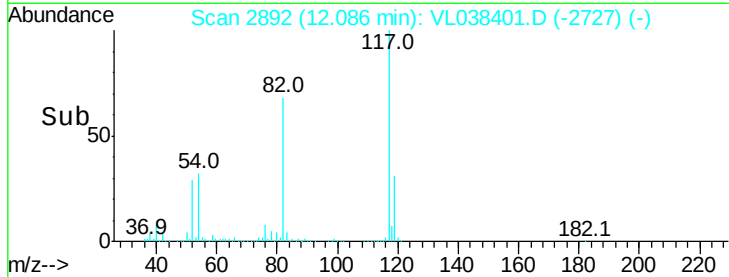
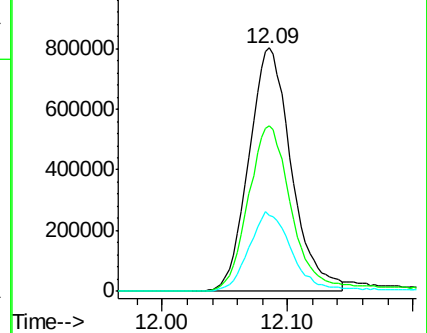
Supervised By :Mahesh Dadoda 02/25/2022



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



#59

m/p-Xylene

Concen: 0.26 ppbv m

RT: 12.96 min Scan# 3165

Delta R.T. -0.00 min

Lab File: VL038401.D

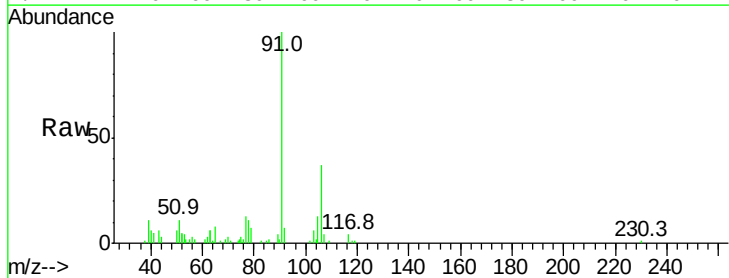
Acq: 22 Feb 2022 23:27

Tgt Ion: 91 Resp: 57507

Ion Ratio Lower Upper

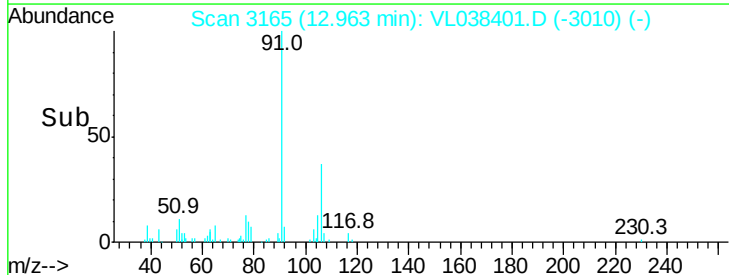
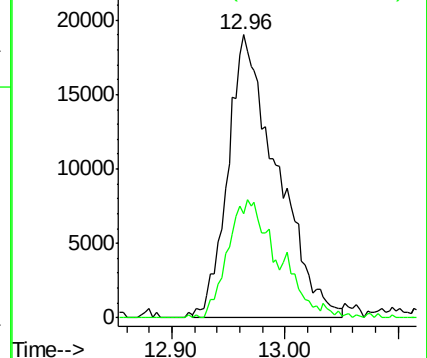
91 100

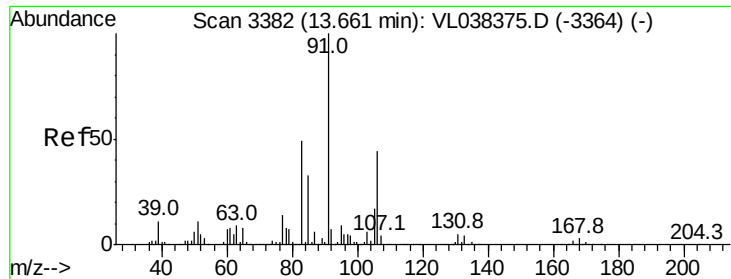
106 43.4 34.4 51.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



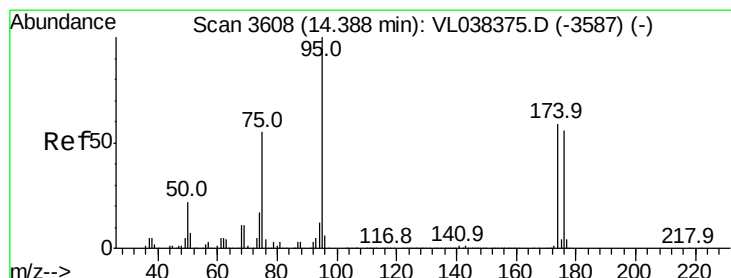
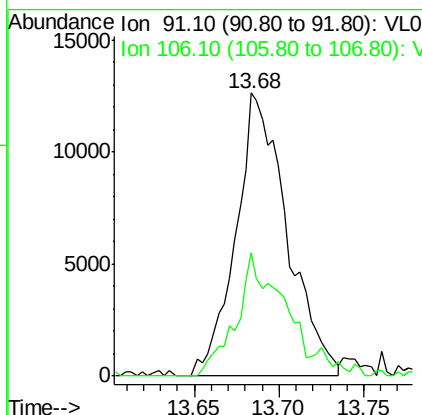
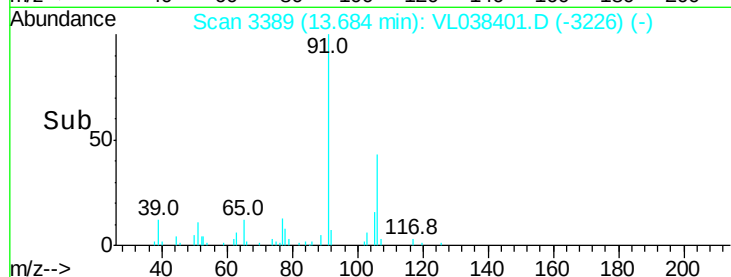
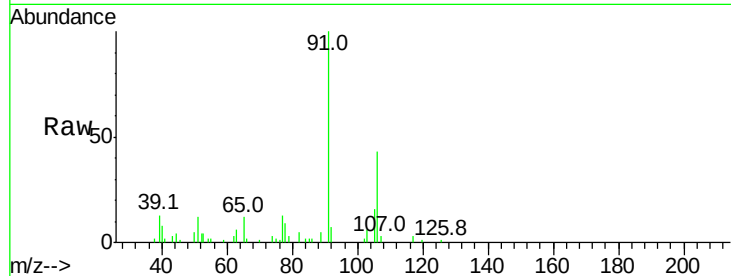


#60
o-Xylene
Concen: 0.13 ppbv m
RT: 13.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 22 Feb 2022 23:27

Tgt Ion:
Ion Ratio
91 100
106 43.

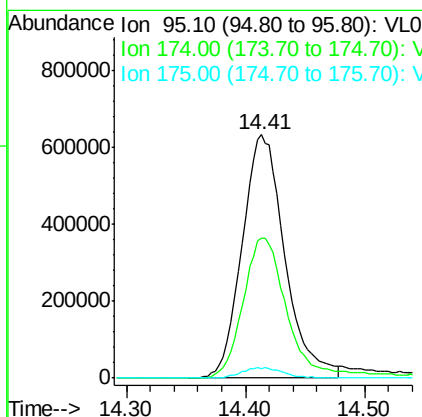
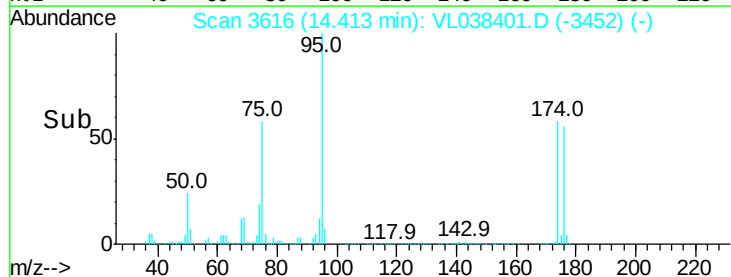
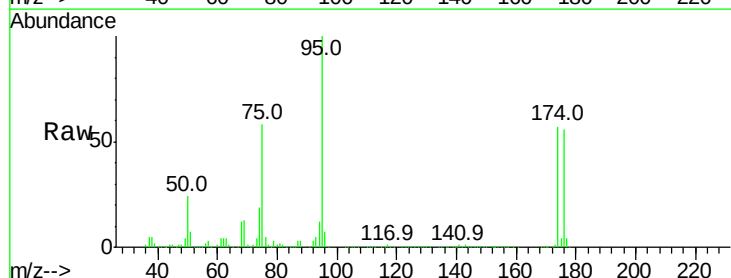
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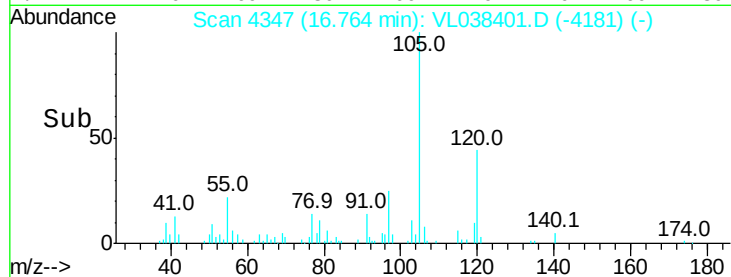
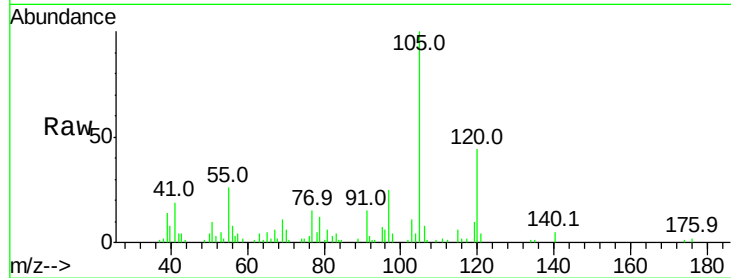
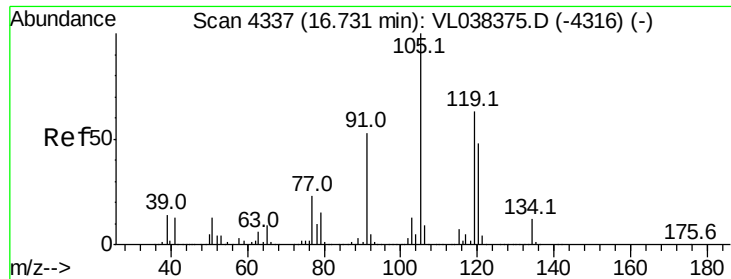
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.05 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.03 min
Lab File: VL038401.D
Acq: 22 Feb 2022 23:27

Tgt Ion: 95 Resp: 1573175
Ion Ratio Lower Upper
95 100
174 62.0 49.0 73.4
175 4.6 3.6 5.4





#74
 1,2,4-Trimethylbenzene
 Concen: 0.26 ppbv m
 RT: 16.76
 Instrument : MSVOA_L
 Delta R.T :
 Lab File: ClientSampleId :
 Acq: 22 Feb 2022 23:27

Tgt Ion:1
 Ion Rati
 105 100
 120 44.
 91 14.
 77 15.2 18.5 27.7#

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