

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
 Data File : VL038397.D
 Acq On : 22 Feb 2022 20:53
 Operator : SY/AP
 Sample : N1607-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DUP-1DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 23 07:54:38 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	904994	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2173031	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	1967434	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1621562	9.96	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	16123m	0.31	ppbv	
10) Heptane	8.12	43	21447	0.17	ppbv	94
13) Ethanol	3.62	45	30526	5.80	ppbv	98
15) Acetone	3.86	43	40791m	0.53	ppbv	
20) Methylene Chloride	4.35	84	75646m	1.98	ppbv	
26) Hexane	5.69	57	62974	0.67	ppbv #	42
53) Toluene	9.81	91	125786	0.61	ppbv	100
59) m/p-Xylene	12.96	91	66569m	0.29	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	52472m	0.23	ppbv	

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

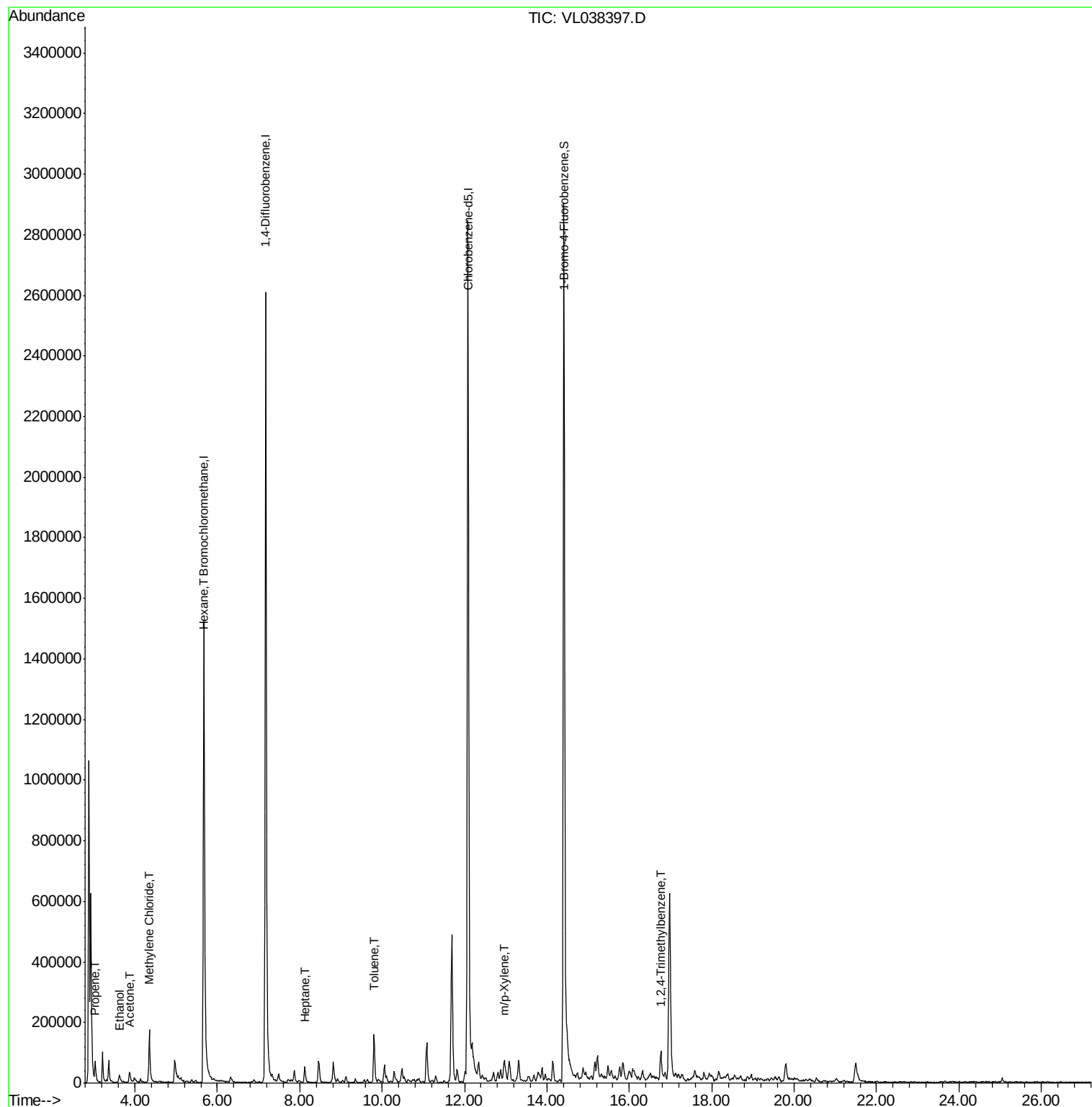
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038397.D
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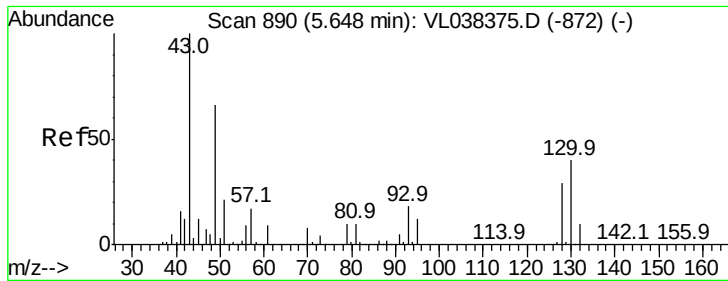
Instrument :
MSVOA_L
ClientSampleId :
DUP-1DL

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Quant Time: Feb 23 07:54:38 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL022222\
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Supervised By :Mahesh Dadoda 02/25/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

Acq: 22 Feb 2022 20:55

Tgt Ion:

Ion Ratio

49 100

128 46.

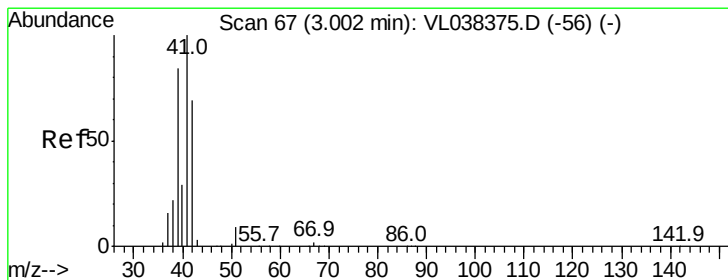
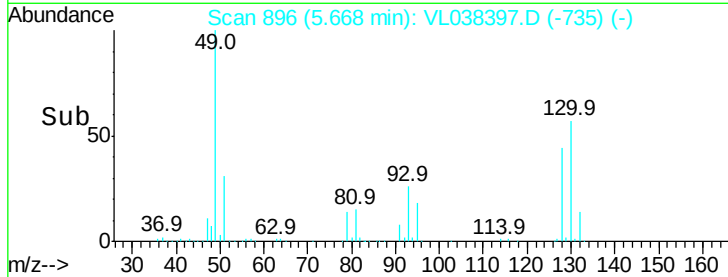
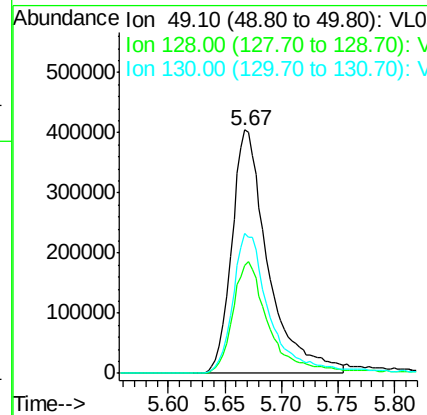
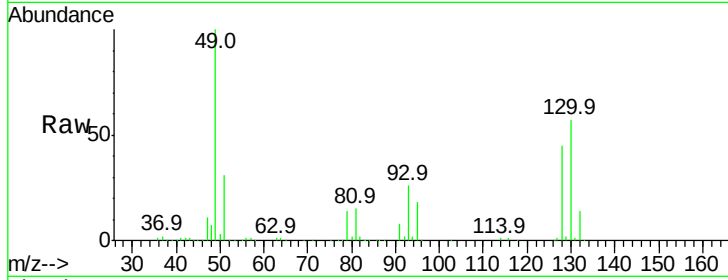
130 60.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Mahesh Dadoda 02/25/2022



#9

Propene

Concen: 0.31 ppbv m

RT: 3.03 min Scan# 76

Delta R.T. 0.03 min

Lab File: VL038397.D

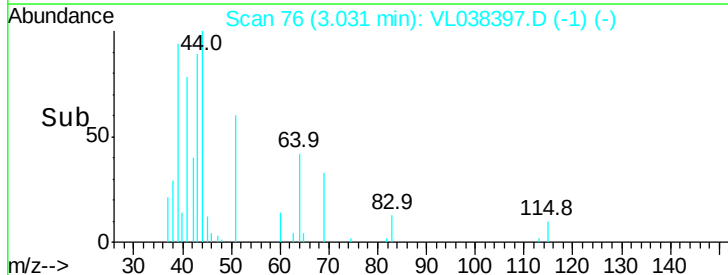
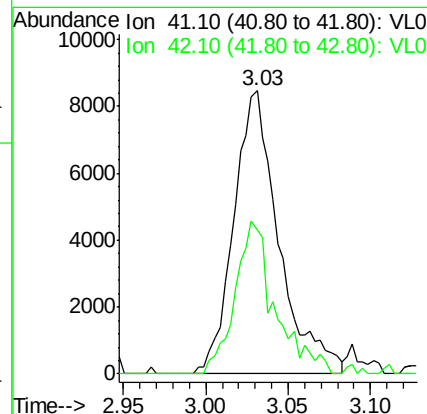
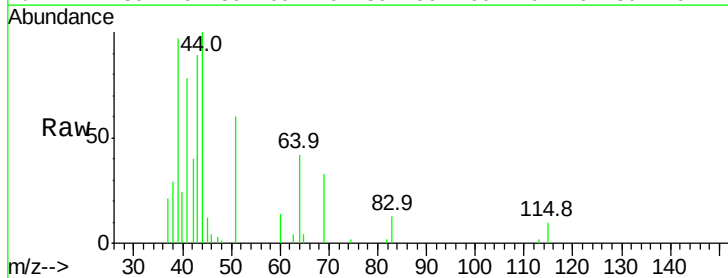
Acq: 22 Feb 2022 20:53

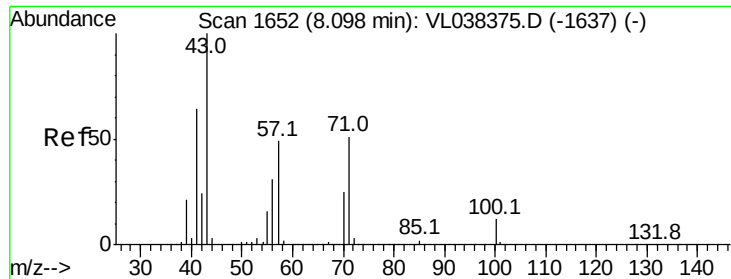
Tgt Ion: 41 Resp: 16123

Ion Ratio Lower Upper

41 100

42 157.4 54.6 82.0#





#10

Heptane

Concen: 0.17 ppbv

RT: 8.12 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Feb 2022 20:55

Tgt Ion:

Ion Ratio

43 100

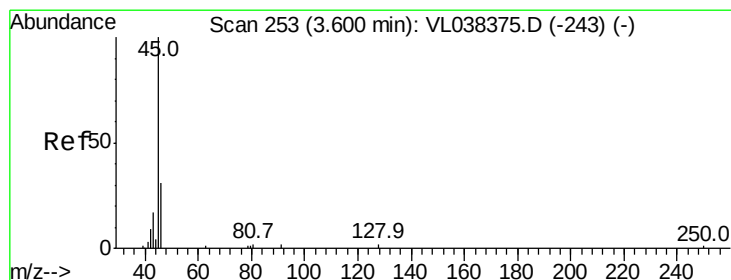
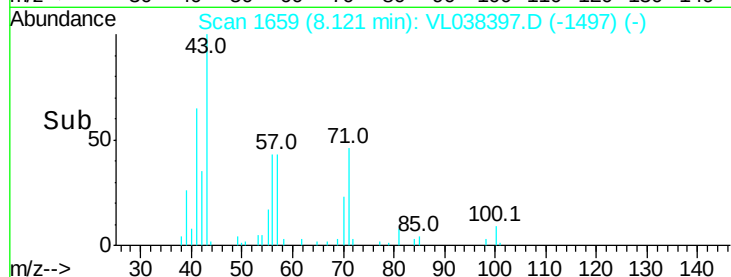
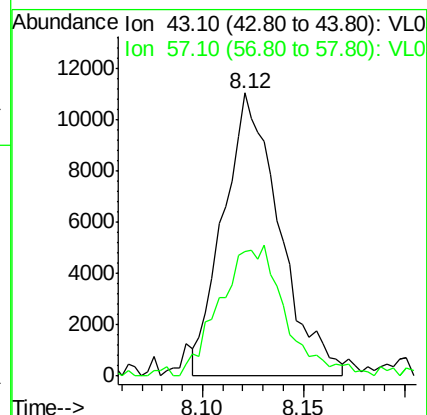
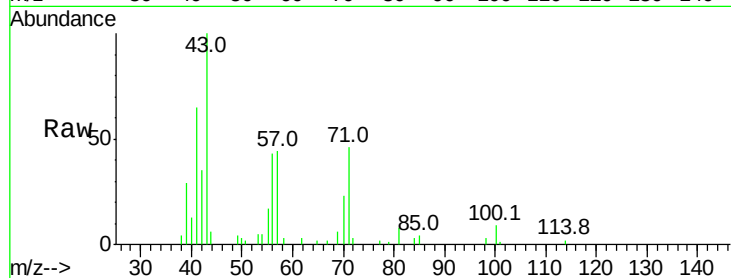
57 54.

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Supervised By :Mahesh Dadoda 02/25/2022



#13

Ethanol

Concen: 5.80 ppbv

RT: 3.62 min Scan# 259

Delta R.T. 0.02 min

Lab File: VL038397.D

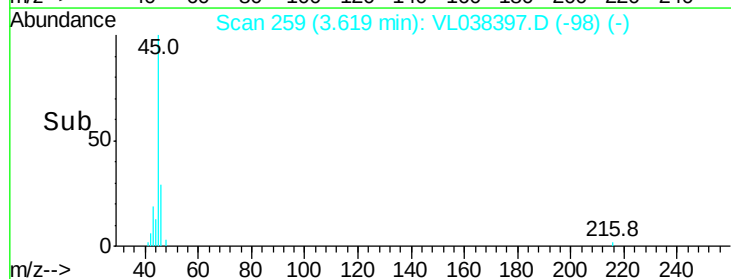
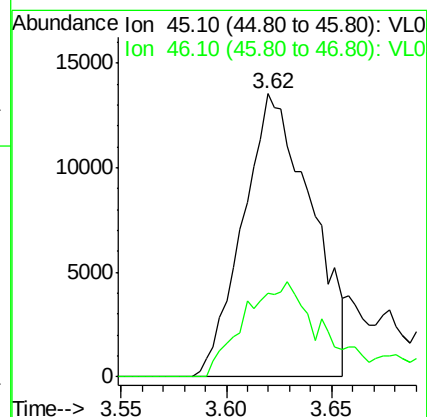
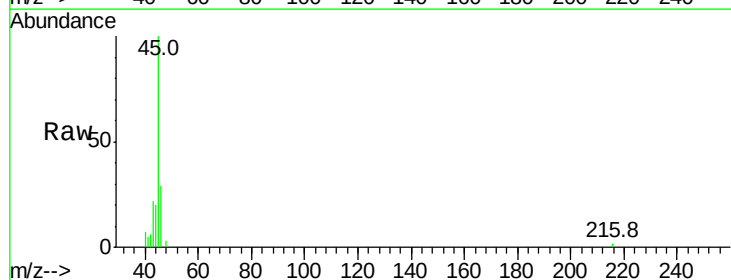
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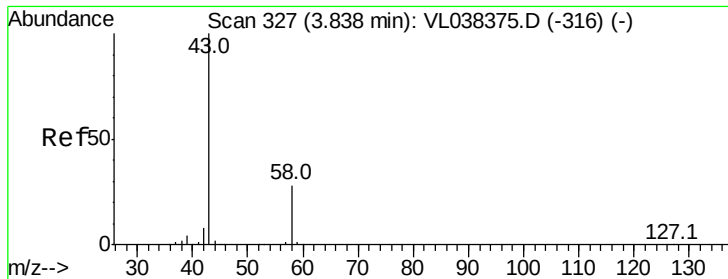
Tgt Ion: 45 Resp: 30526

Ion Ratio Lower Upper

45 100

46 46.6 18.2 72.8





#15

Acetone

Concen: 0.53 ppbv m

RT: 3.86 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Feb 2022 20:55

Tgt Ion:

Ion Ratio

43 100

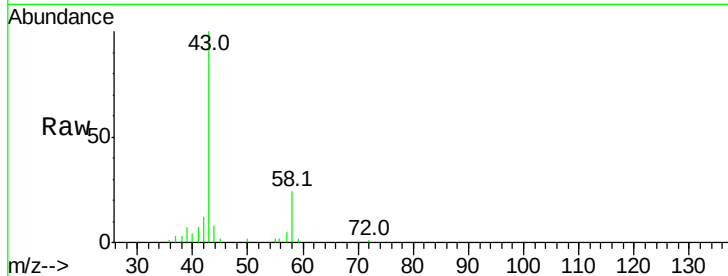
58 28.

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.86

20000

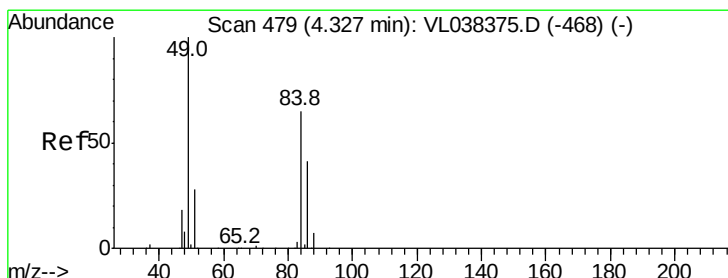
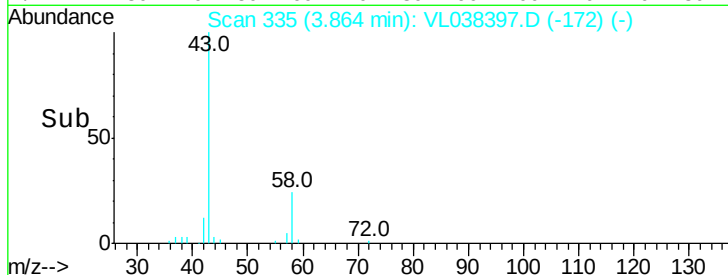
15000

10000

5000

0

Time--> 3.80 3.85 3.90



#20

Methylene Chloride

Concen: 1.98 ppbv m

RT: 4.35 min Scan# 486

Delta R.T. 0.02 min

Lab File: VL038397.D

Acq: 22 Feb 2022 20:53

Tgt Ion: 84 Resp: 75646

Ion Ratio Lower Upper

84 100

49 138.4 122.4 183.6

51 44.7 33.3 49.9

86 59.3 50.7 76.1

Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

80000

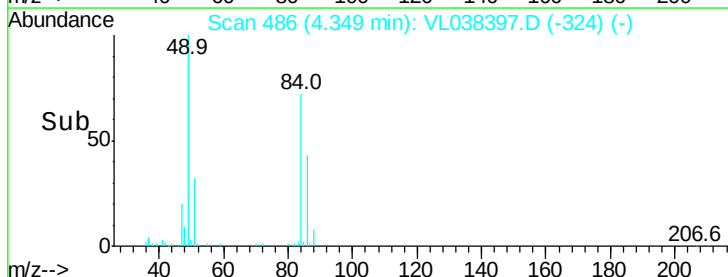
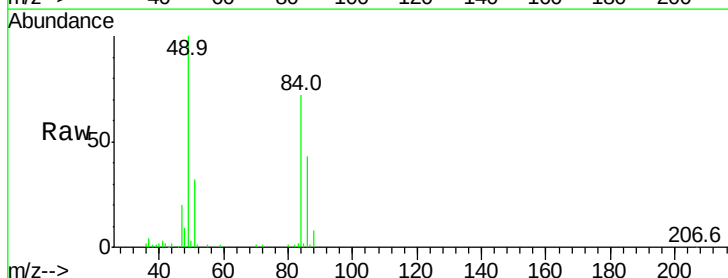
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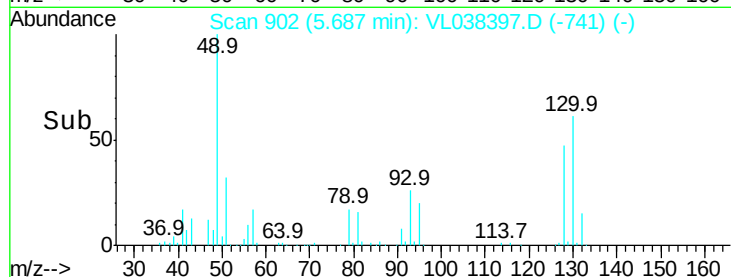
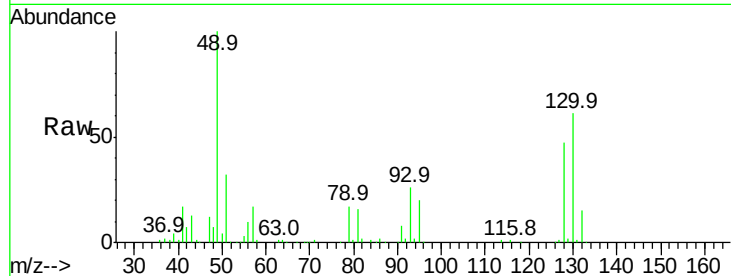
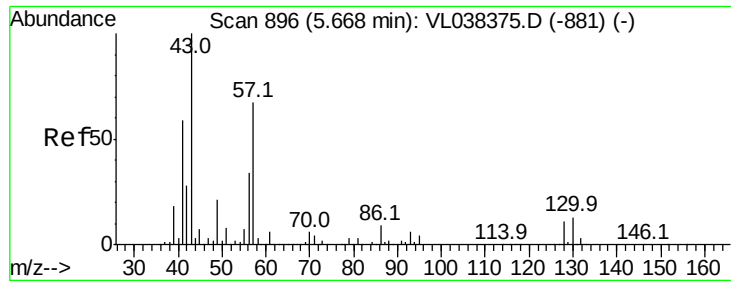
40000

20000

0

Time--> 4.30 4.35 4.40 4.45



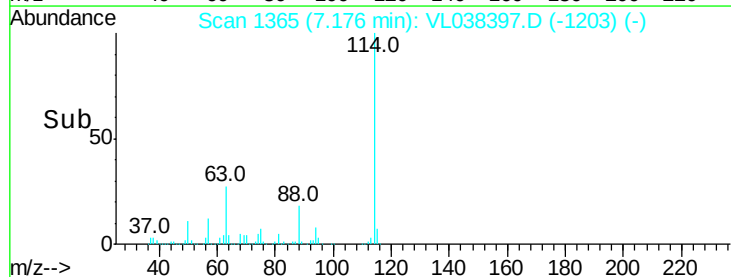
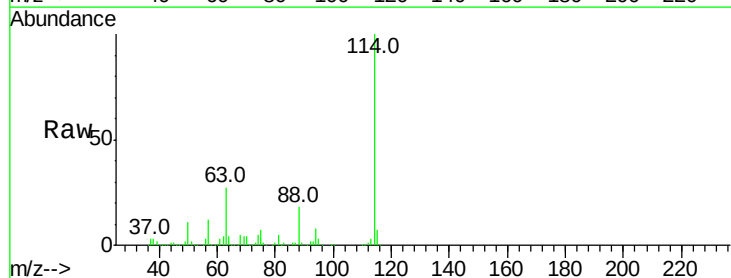
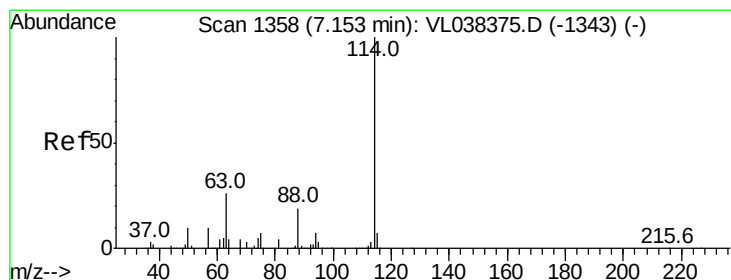
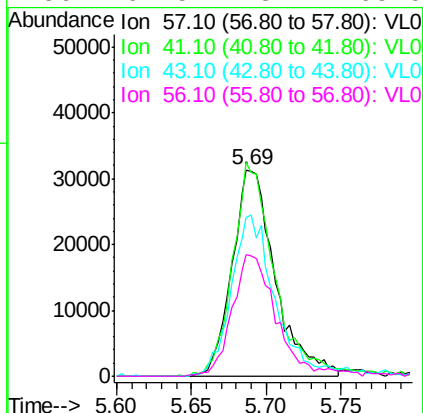


#26
Hexane
Concen: 0.67 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 22 Feb 2022 20:55

Tgt Ion:
Ion Ratio
57 100
41 103.
43 81.
56 61.5 43.4 65.0

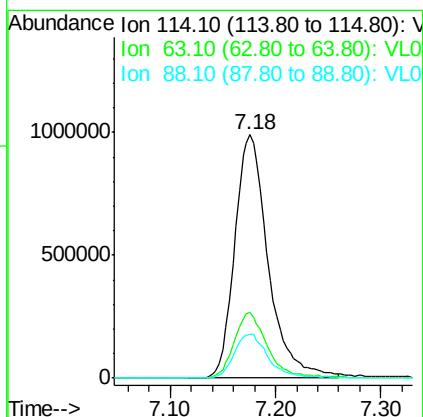
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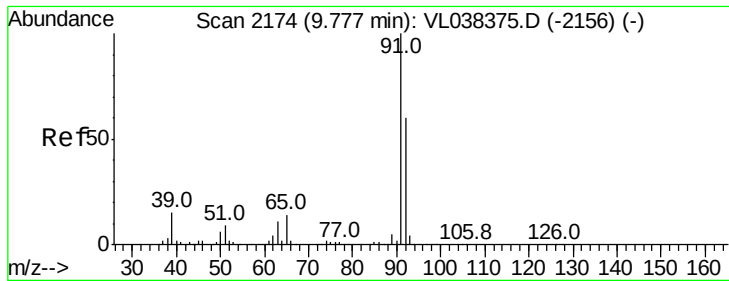
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.02 min
Lab File: VL038397.D
Acq: 22 Feb 2022 20:53

Tgt Ion:114 Resp: 2173031
Ion Ratio Lower Upper
114 100
63 27.3 22.2 33.2
88 18.8 15.2 22.8



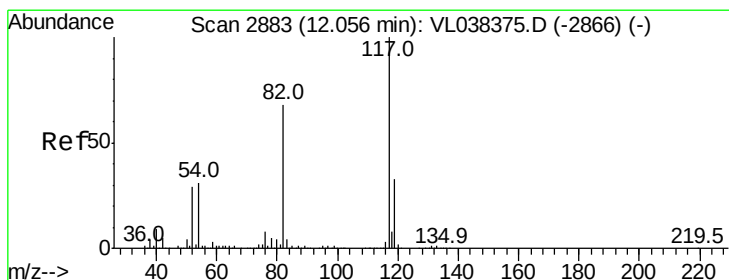
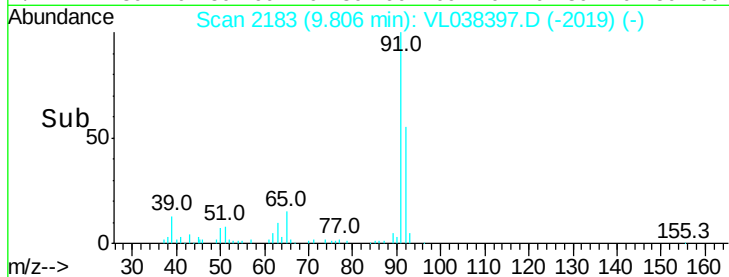
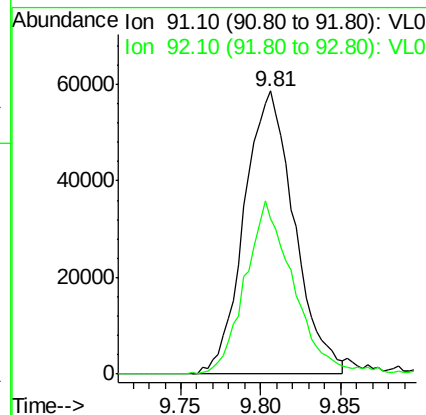
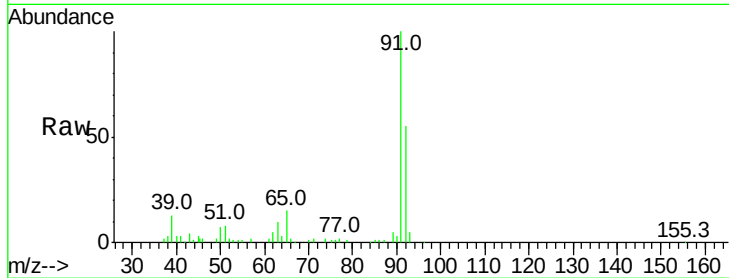


#53
Toluene
Concen: 0.61 ppbv
RT: 9.81 min
Instrument: MSVOA_L
Delta R.T.: 0.03 min
Lab File: VL038397.D
Acq: 22 Feb 2022 20:55
ClientSampleId: DUP-1DL

Tgt Ion: 91.10
Ion Ratio: 100.0
92.10 60.0

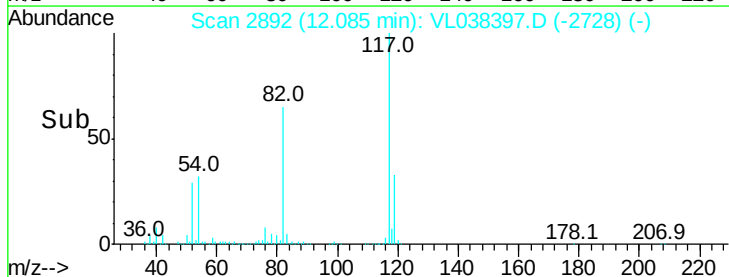
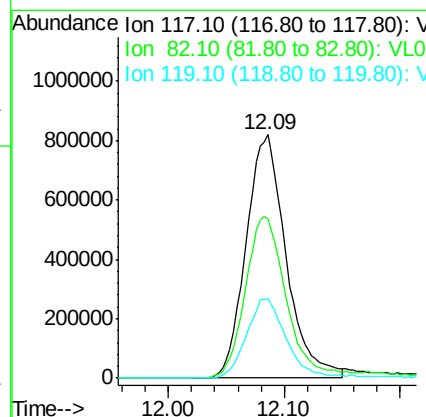
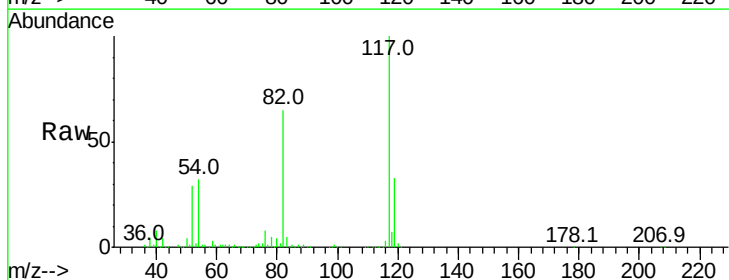
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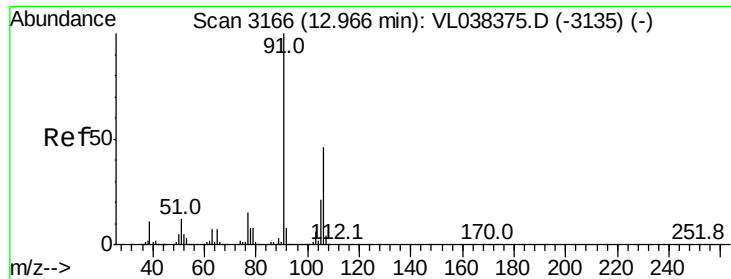
Reviewed By: Semsettin Yesilyurt 02/23/2022
Supervised By: Mahesh Dadoda 02/25/2022



#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09 min Scan# 2892
Delta R.T.: 0.03 min
Lab File: VL038397.D
Acq: 22 Feb 2022 20:53

Tgt Ion: 117.10 Resp: 1967434
Ion Ratio Lower Upper
117 100
82 71.0 54.9 82.3
119 33.6 46.1 69.1#



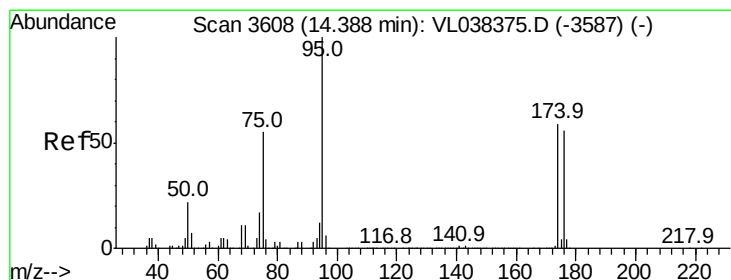
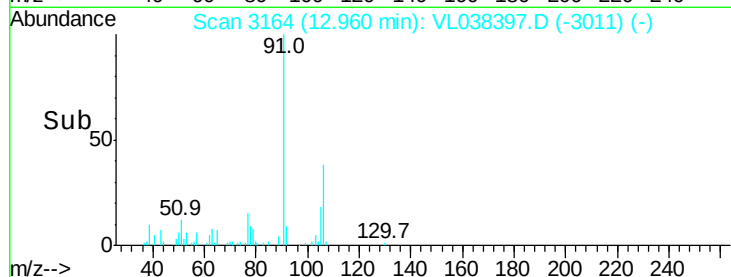
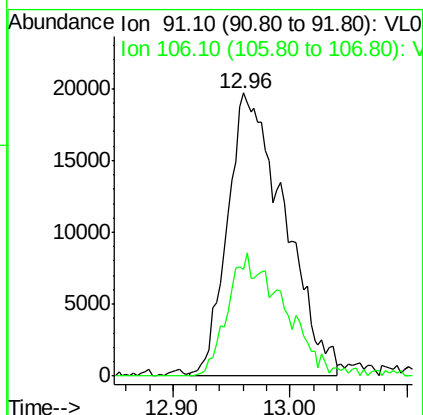
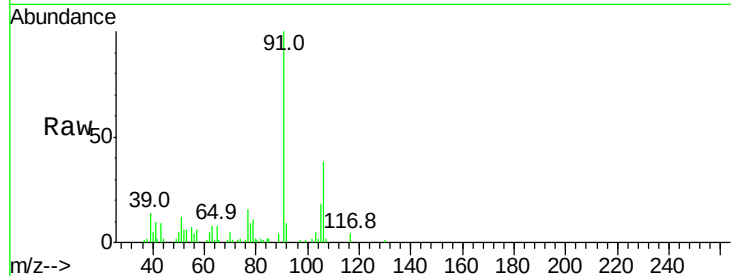


#59
m/p-Xylene
Concen: 0.29 ppbv m
RT: 12.96
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 22 Feb 2022 20:55

Tgt Ion:
Ion Ratio
91 100
106 0.

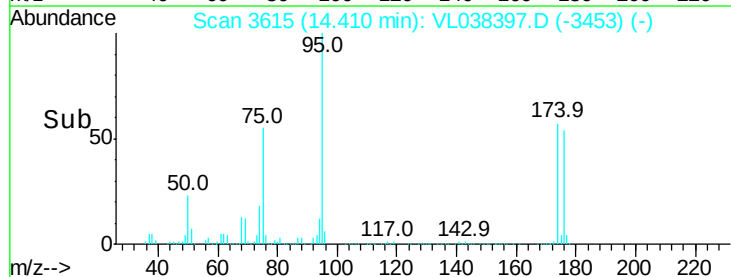
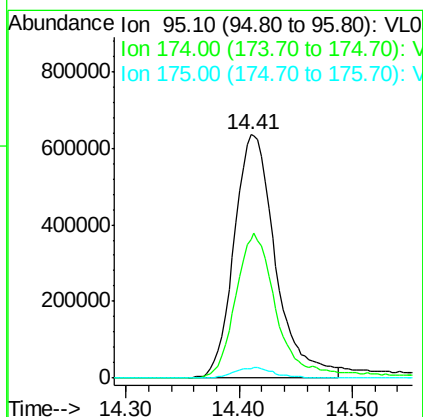
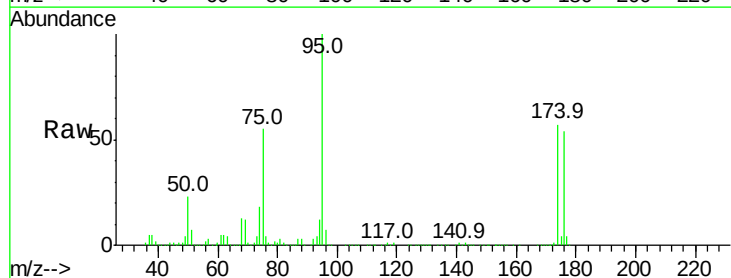
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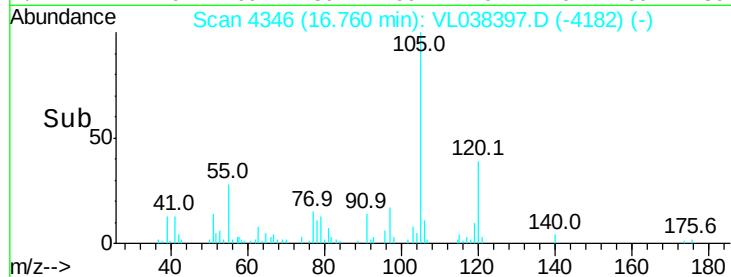
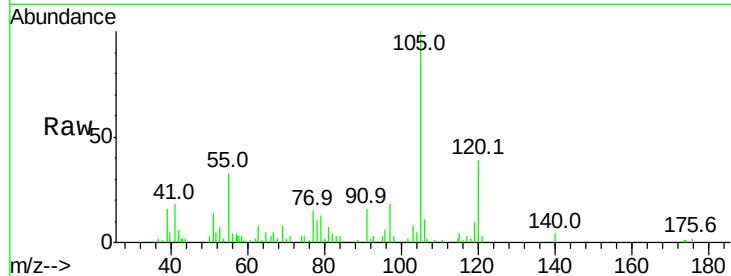
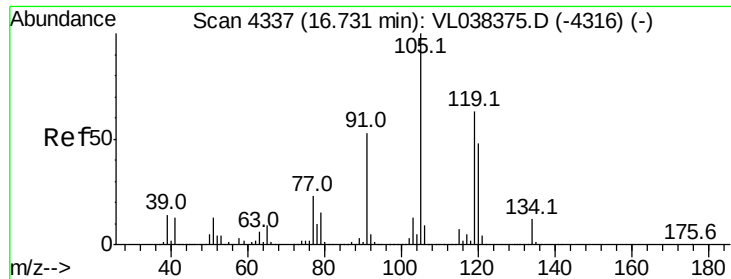
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.96 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. 0.02 min
Lab File: VL038397.D
Acq: 22 Feb 2022 20:53

Tgt Ion: 95 Resp: 1621562
Ion Ratio Lower Upper
95 100
174 61.9 49.0 73.4
175 4.4 3.6 5.4





#74
 1,2,4-Trimethylbenzene
 Concen: 0.23 ppbv m
 RT: 16.76
 Delta R.T
 Lab File:
 Acq: 22 Feb 2022 20:35

Instrument : MSVOA_L
 ClientSampleId : DUP-1DL

Tgt Ion:1
 Ion Rati
 105 100
 120 39.
 91 16.
 77 14.7 18.5 27.7#

Manual Integrations
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