

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038731.D
 Acq On : 24 Mar 2022 1:08
 Operator : SY/AP
 Sample : N2049-01DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P97DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/24/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 24 06:30:30 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	894734	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2358964	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2031008	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1461141	9.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	8373	0.18	ppbv	95
13) Ethanol	3.61	45	28194	5.60	ppbv	91
15) Acetone	3.86	43	83699	1.08	ppbv #	84
19) Isopropyl Alcohol	3.98	45	7191m	0.17	ppbv	
20) Methylene Chloride	4.34	84	40265	1.24	ppbv	95
26) Hexane	5.68	57	27698	0.32	ppbv #	39
34) 2-Butanone	5.25	43	74404m	0.80	ppbv	

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

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Quant Time: Mar 24 06:30:30 2022

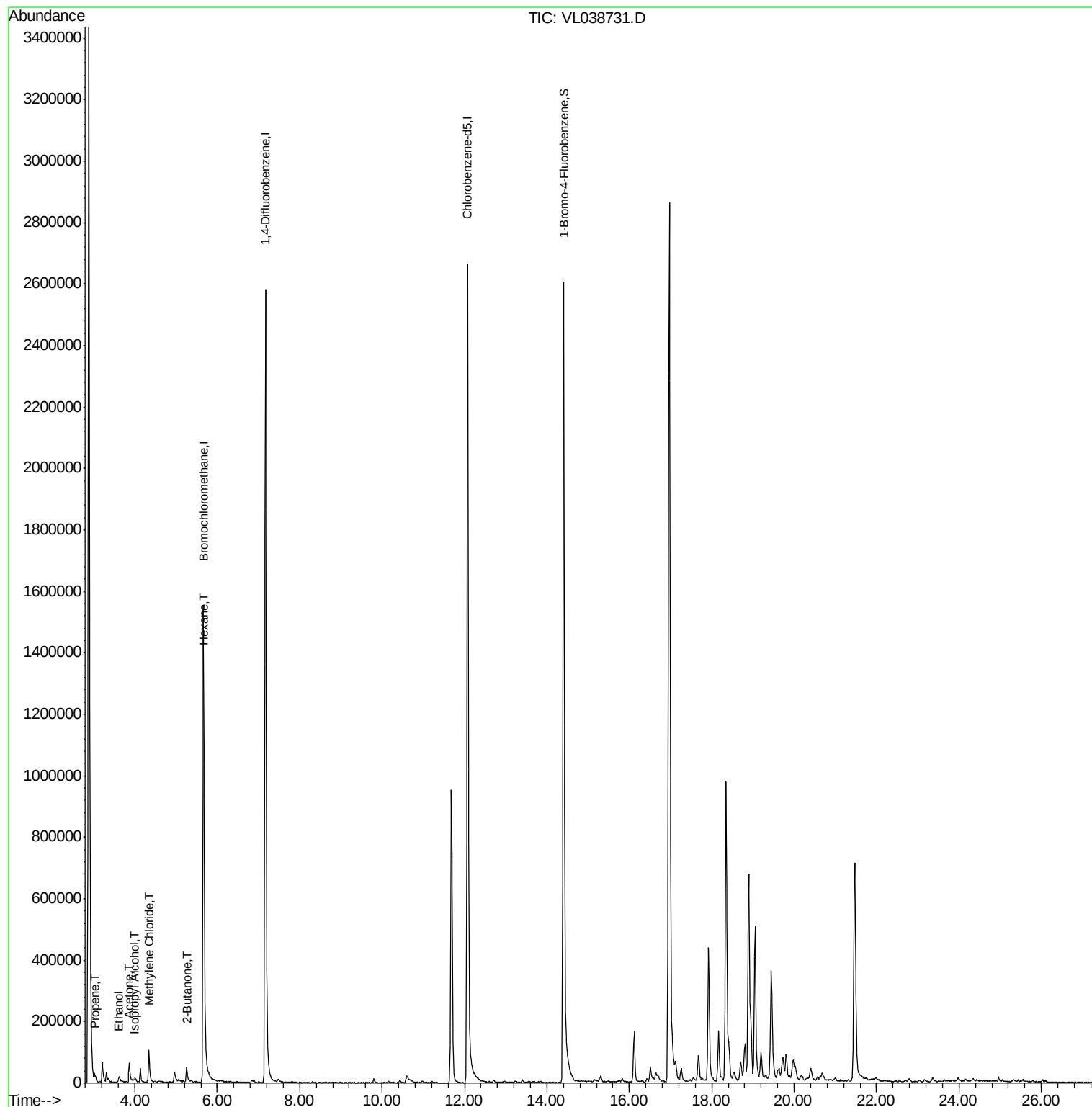
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL032122

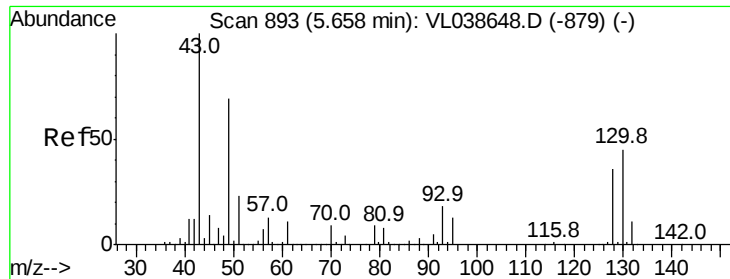
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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Supervised By :Mahesh Dadoda 03/28/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 1:08

Tgt Ion:

Ion Ratio

49 100

128 55.

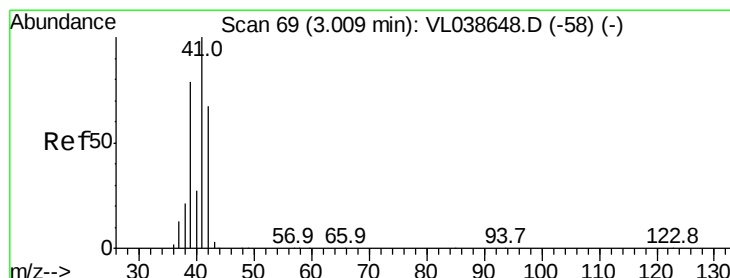
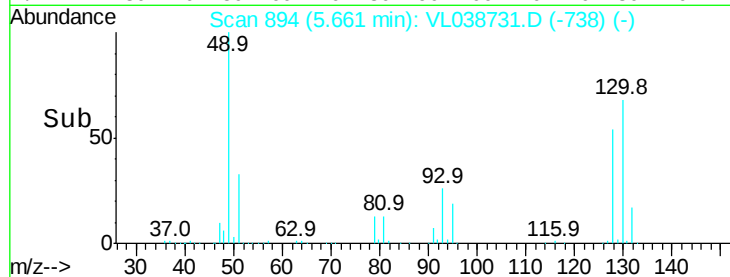
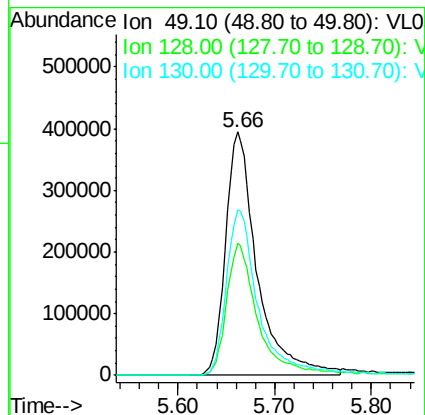
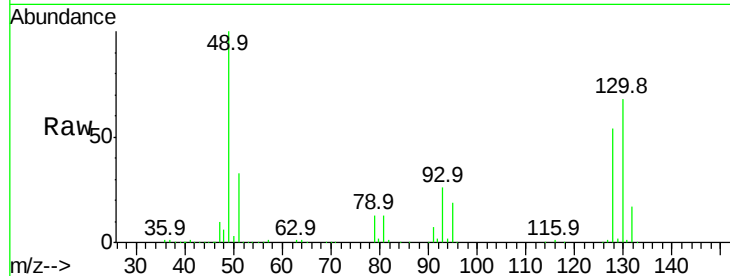
130 71.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/28/2022



#9

Propene

Concen: 0.18 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL038731.D

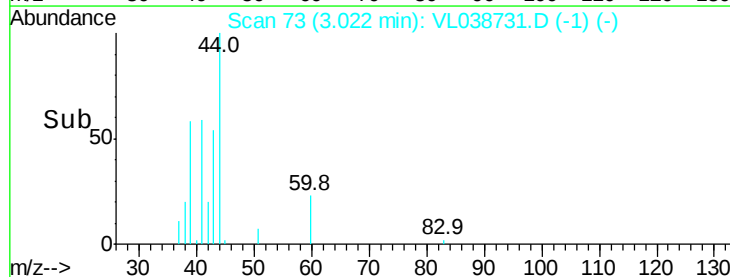
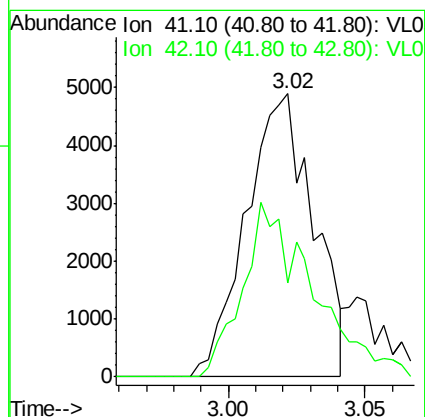
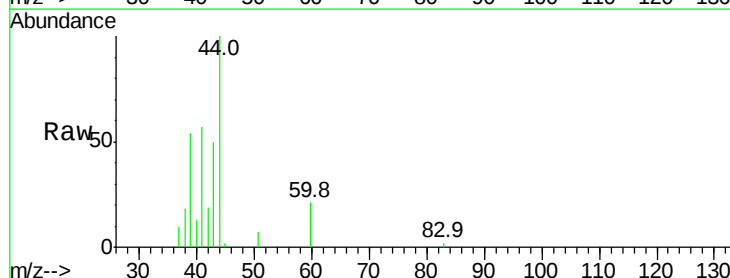
Acq: 24 Mar 2022 1:08

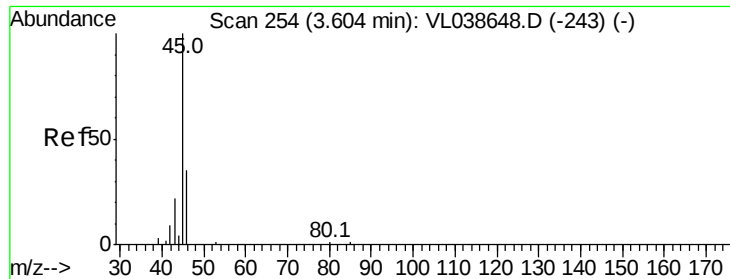
Tgt Ion: 41 Resp: 8373

Ion Ratio Lower Upper

41 100

42 66.1 56.2 84.4



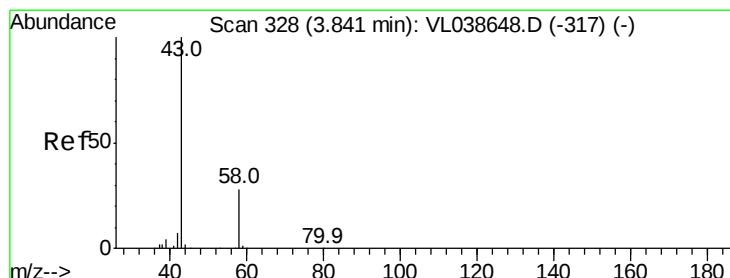
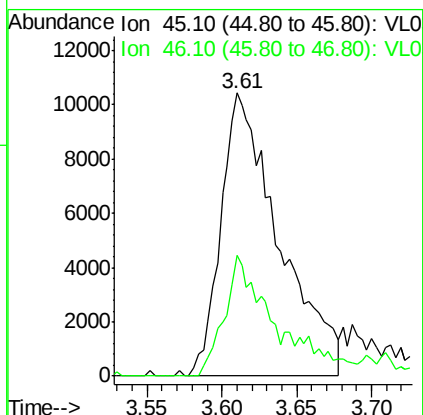
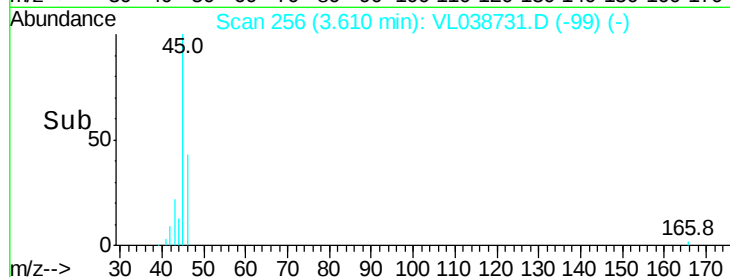
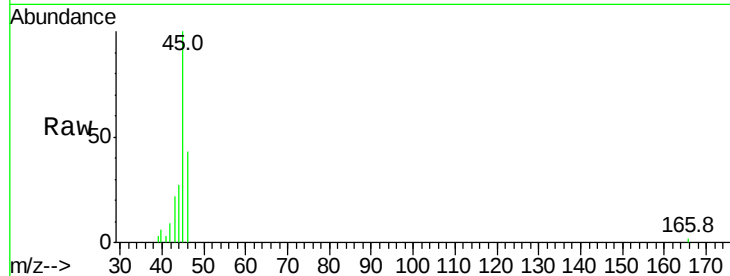


#13
Ethanol
Concen: 5.60 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2022 1:08

Tgt Ion:
Ion Ratio
45 100
46 43.

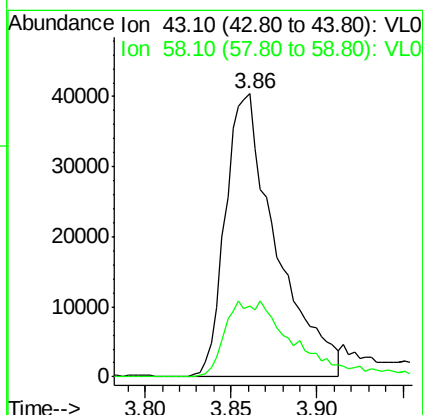
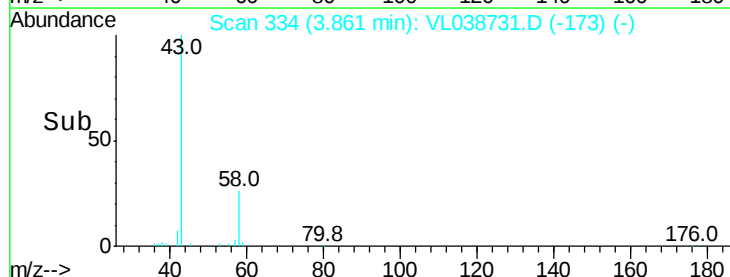
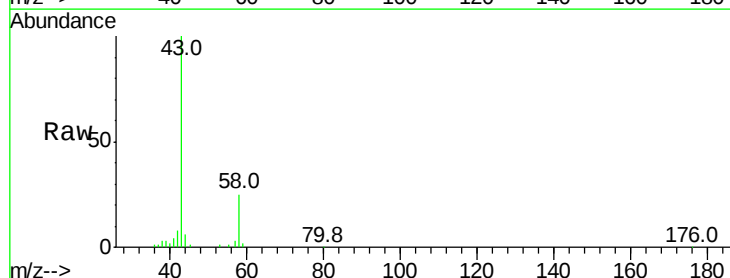
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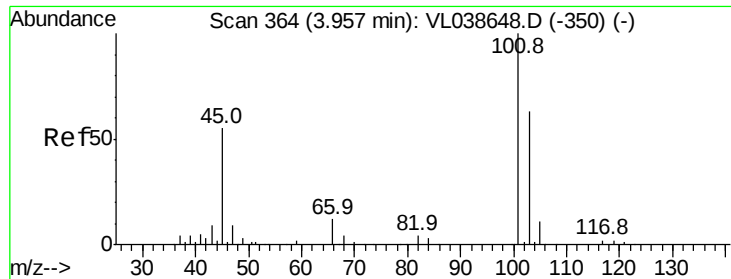
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#15
Acetone
Concen: 1.08 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.02 min
Lab File: VL038731.D
Acq: 24 Mar 2022 1:08

Tgt Ion: 43 Resp: 83699
Ion Ratio Lower Upper
43 100
58 37.5 23.3 34.9#





#19

Isopropyl Alcohol

Concen: 0.17 ppbv m

RT: 3.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 1:08

Tgt Ion:

Ion Ratio

45 100

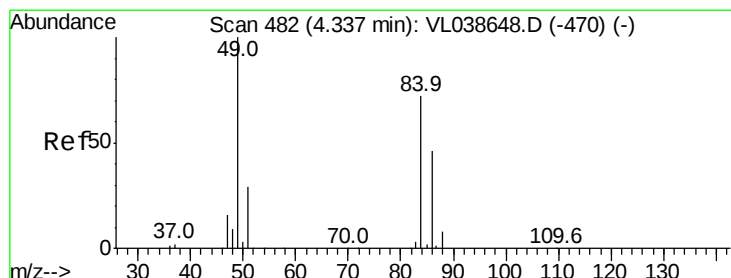
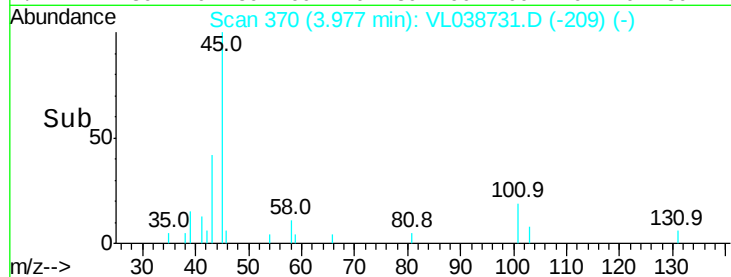
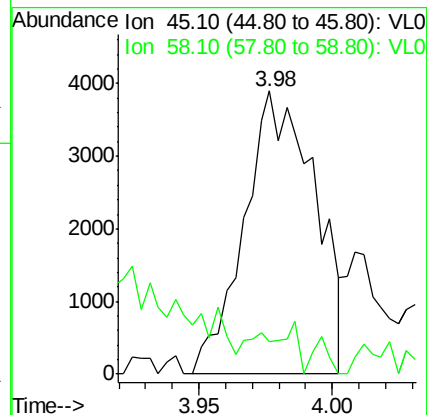
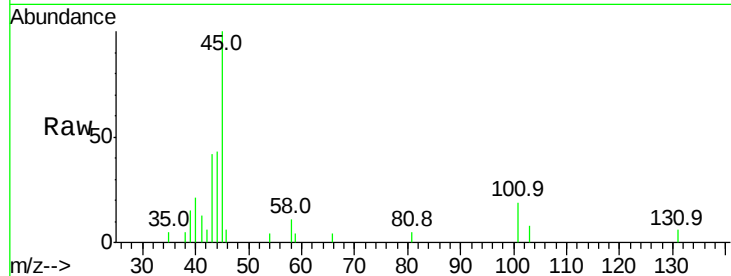
58 0.

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#20

Methylene Chloride

Concen: 1.24 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.01 min

Lab File: VL038731.D

Acq: 24 Mar 2022 1:08

Tgt Ion: 84 Resp: 40265

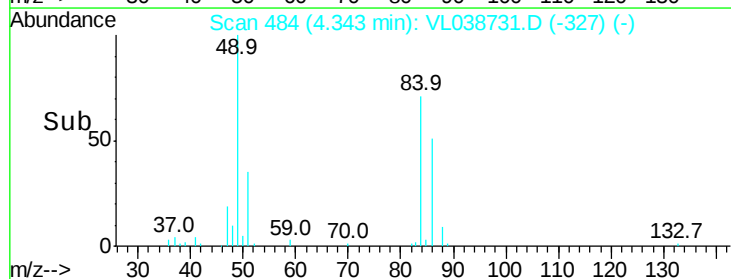
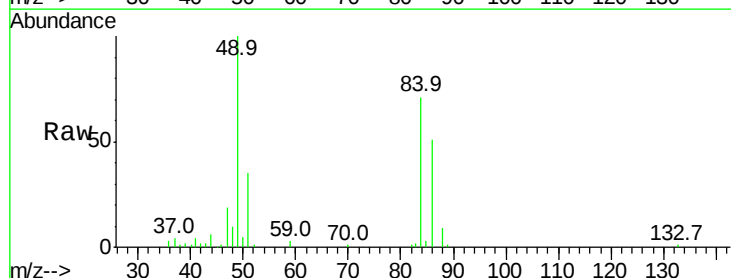
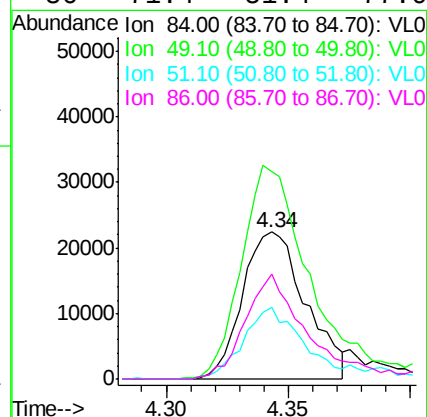
Ion Ratio Lower Upper

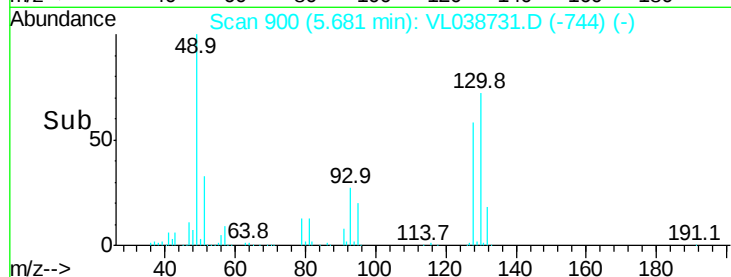
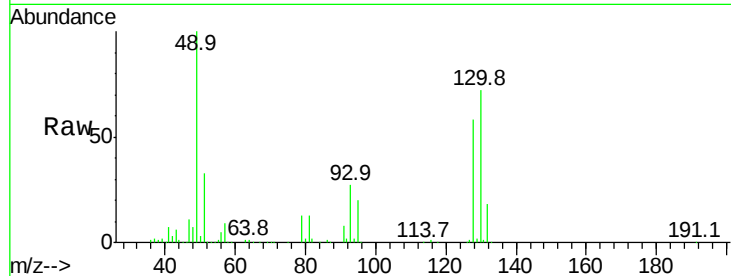
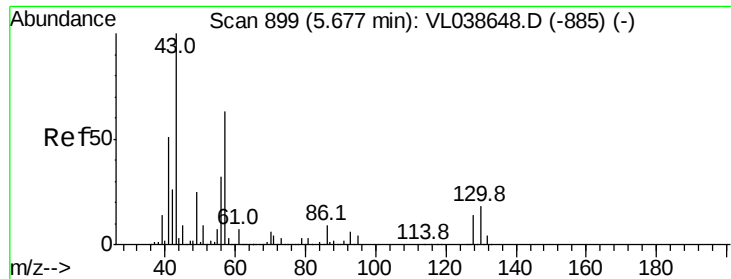
84 100

49 140.2 111.2 166.8

51 49.2 32.8 49.2

86 71.4 51.4 77.0



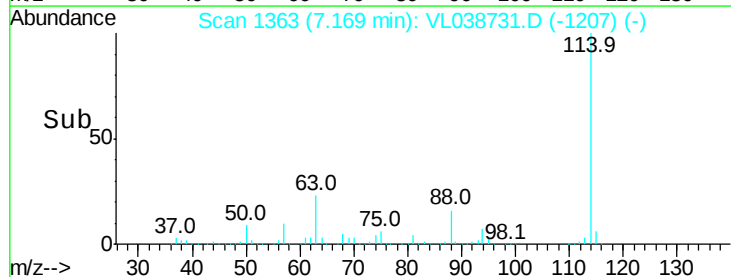
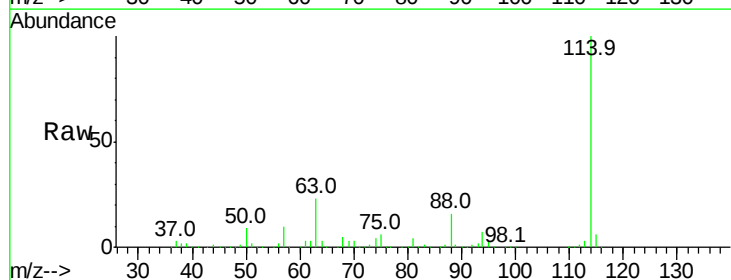
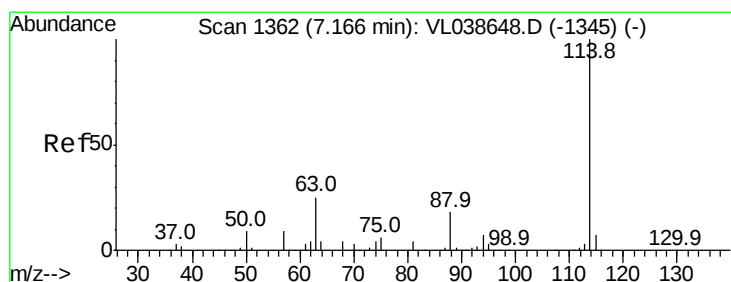
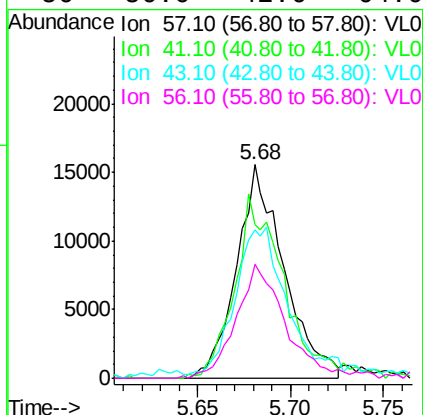


#26
Hexane
Concen: 0.32 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Mar 2022 1:08

Tgt Ion:
Ion Ratio
57 100
41 91.
43 76.
56 56.0 42.6 64.0

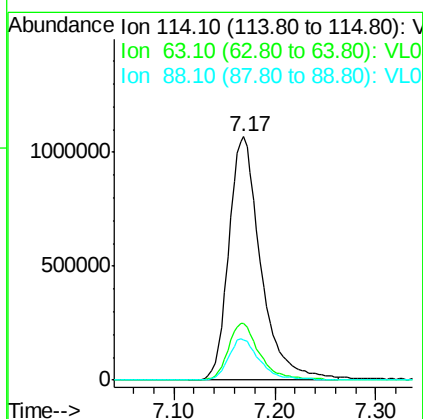
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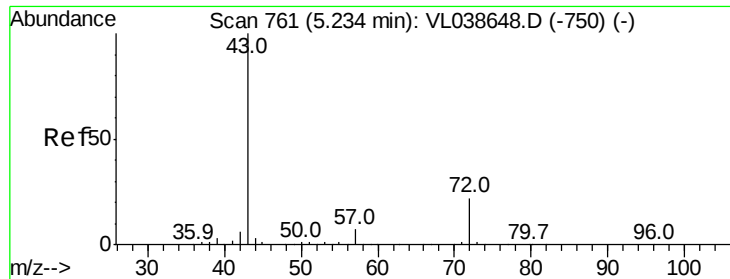
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VL038731.D
Acq: 24 Mar 2022 1:08

Tgt Ion:114 Resp: 2358964
Ion Ratio Lower Upper
114 100
63 23.1 19.4 29.0
88 16.9 13.9 20.9





#34

2-Butanone

Concen: 0.80 ppbv m

RT: 5.25 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId:

Acq: 24 Mar 2022 1:08

Tgt Ion:

Ion Ratio

43 100

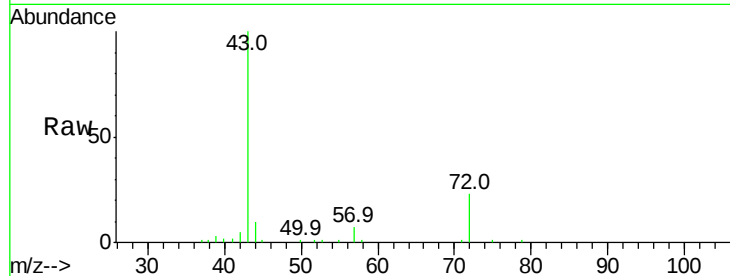
72 21.

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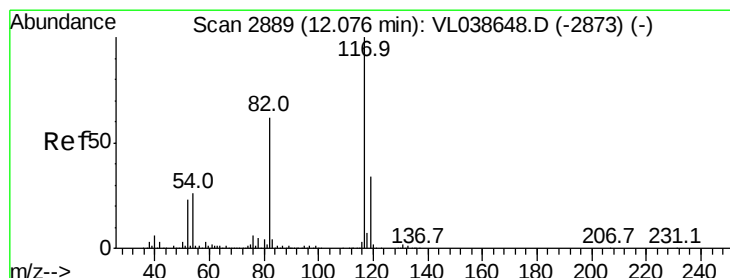
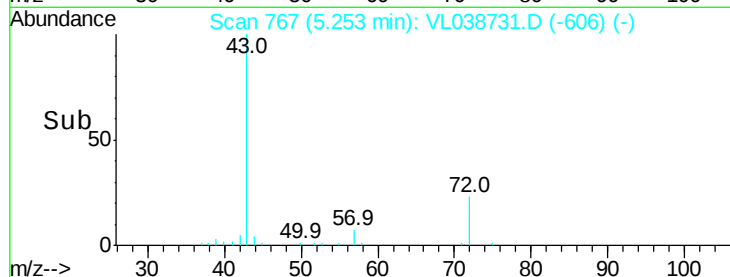
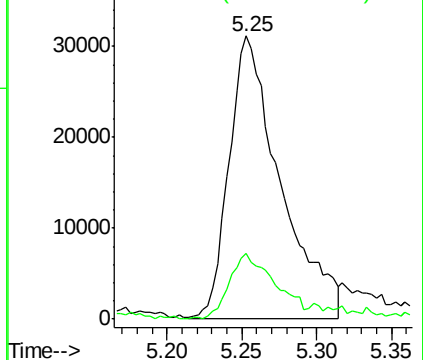
Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.08 min Scan# 2889

Delta R.T. -0.00 min

Lab File: VL038731.D

Acq: 24 Mar 2022 1:08

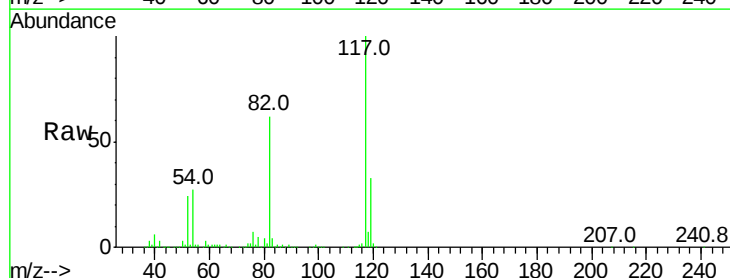
Tgt Ion:117 Resp: 2031008

Ion Ratio Lower Upper

117 100

82 65.0 51.6 77.4

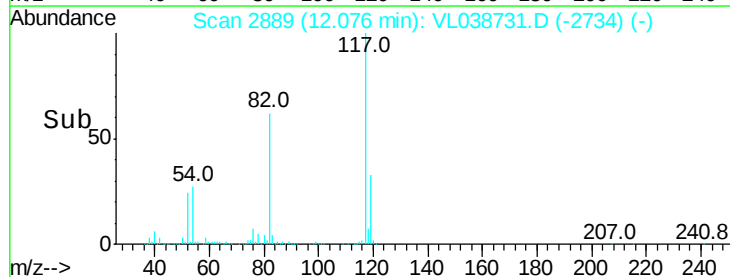
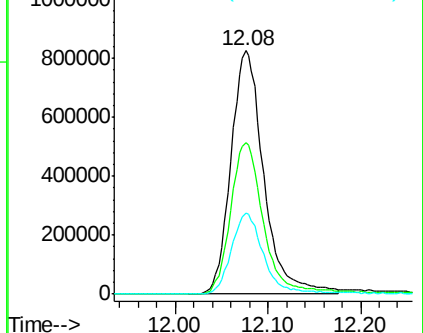
119 33.7 26.9 40.3

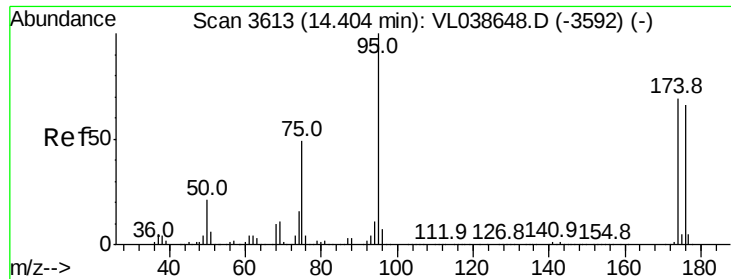


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.38 ppbv
 RT: 14.40
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 C0P97DL
 Acq: 24 Mar 2022 1:08

Tgt Ion:
 Ion Rati
 95 100
 174 71.
 175 5.

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