

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038727.D
 Acq On : 23 Mar 2022 22:29
 Operator : SY/AP
 Sample : N2047-04DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PA2DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 06:05:51 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	885504	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2303987	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1955220	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1424993	9.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	6026m	0.13	ppbv	
13) Ethanol	3.62	45	16154m	3.24	ppbv	
15) Acetone	3.86	43	39092m	0.51	ppbv	
19) Isopropyl Alcohol	3.98	45	5681m	0.13	ppbv	
20) Methylene Chloride	4.34	84	8726	0.27	ppbv	96
34) 2-Butanone	5.25	43	24965m	0.27	ppbv	
52) Tetrachloroethene	11.21	164	104523	1.61	ppbv	95

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

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Quant Time: Mar 24 06:05:51 2022

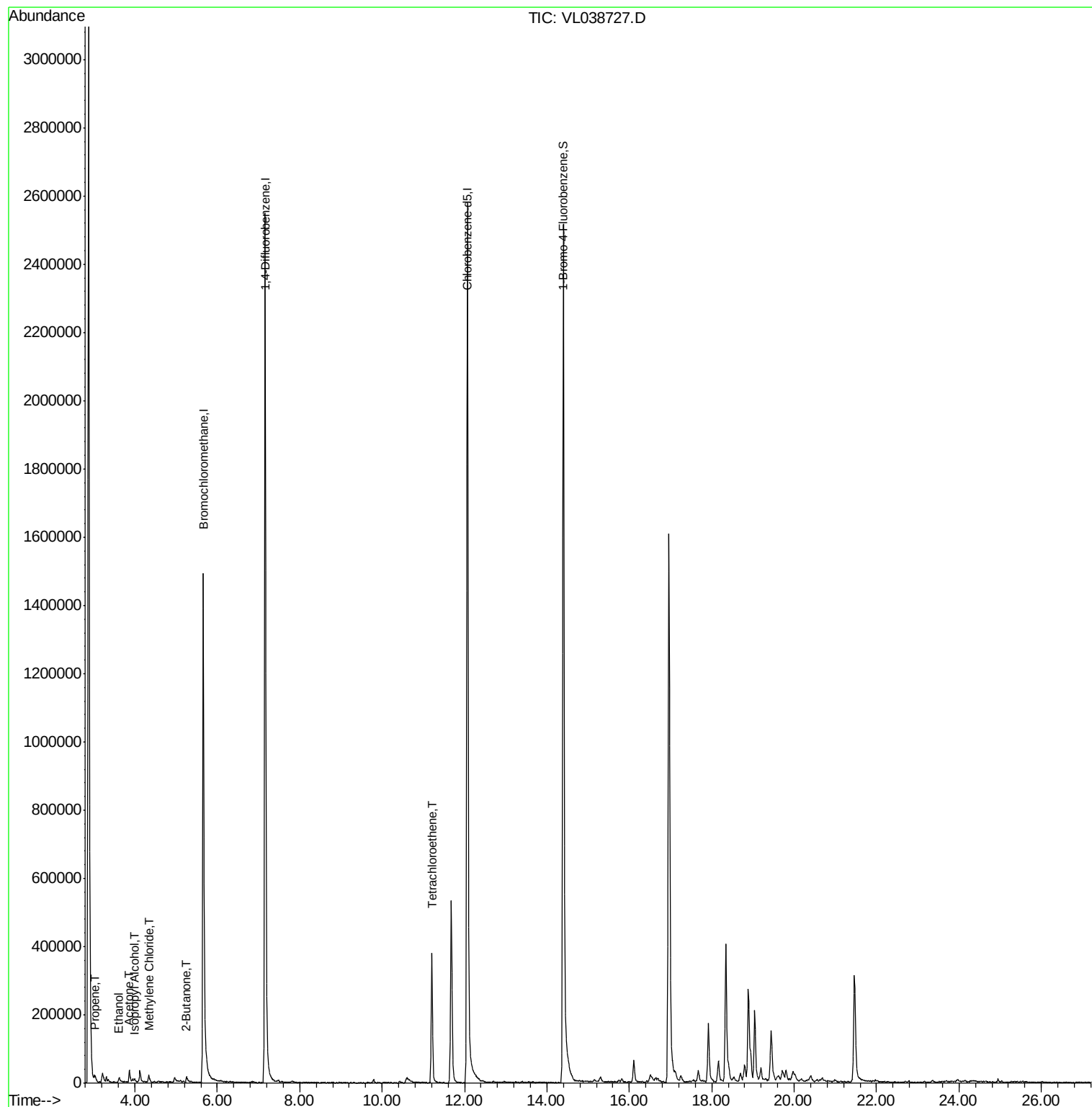
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL032122

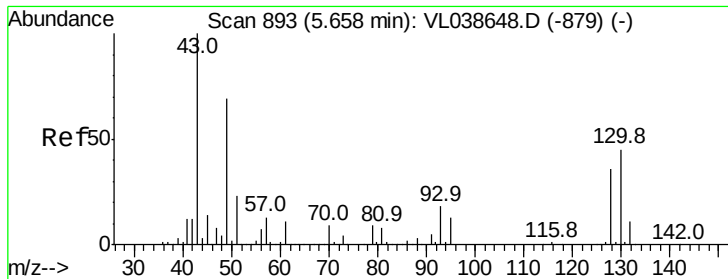
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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: 23 Mar 2022 22:29

Tgt Ion:

Ion Ratio

49 100

128 54.

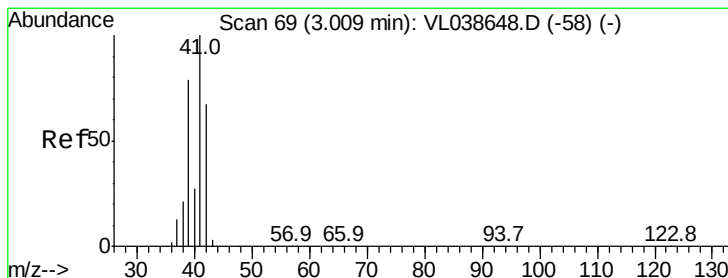
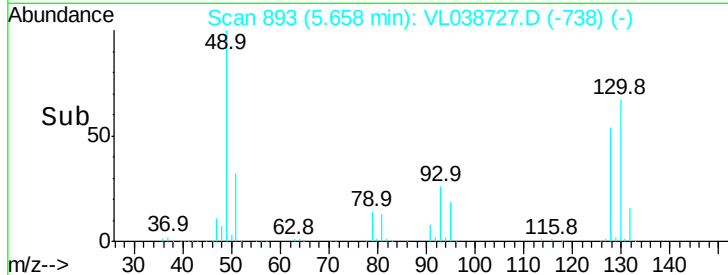
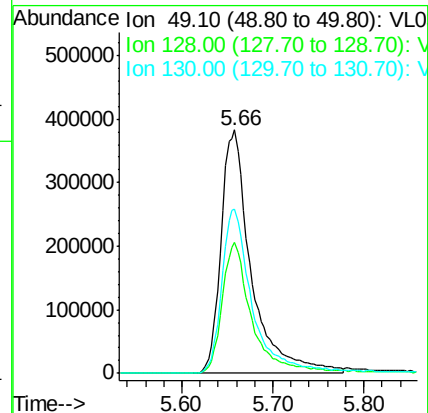
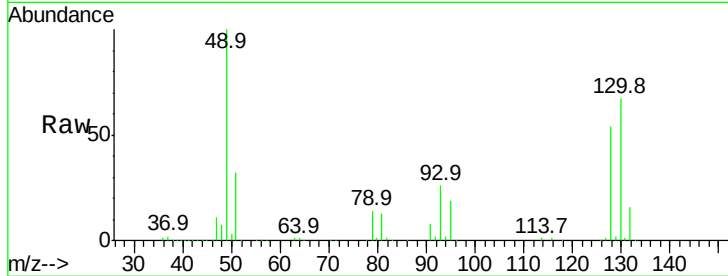
130 70.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/28/2022



#9

Propene

Concen: 0.13 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL038727.D

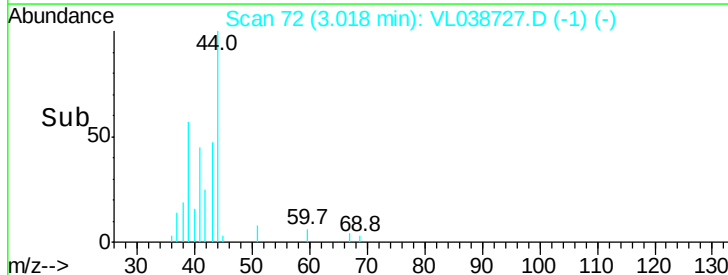
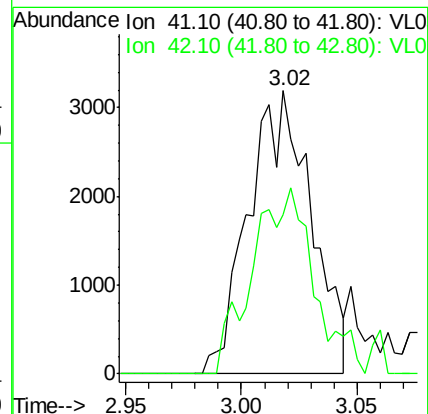
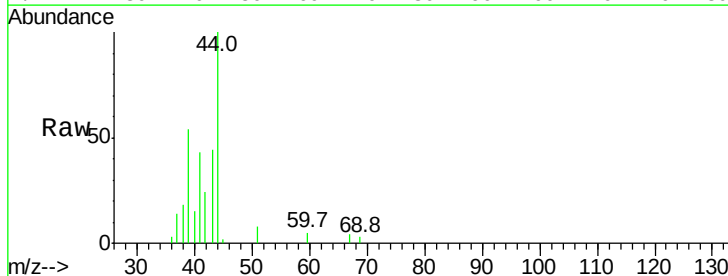
Acq: 23 Mar 2022 22:29

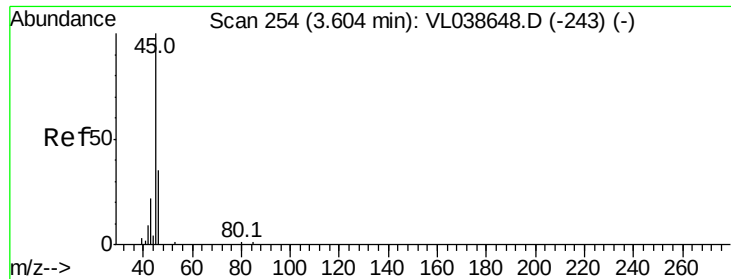
Tgt Ion: 41 Resp: 6026

Ion Ratio Lower Upper

41 100

42 0.0 56.2 84.4#



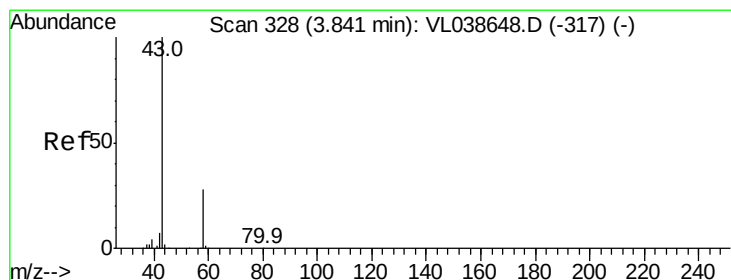
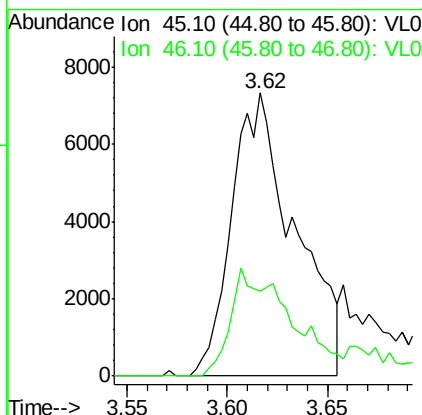
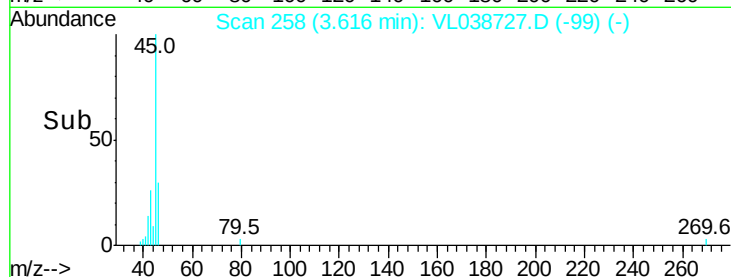
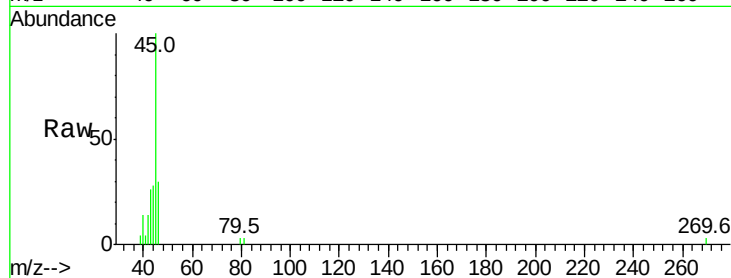


#13
Ethanol
Concen: 3.24 ppbv m
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Mar 2022 22:29

Tgt Ion:
Ion Ratio
45 100
46 44.

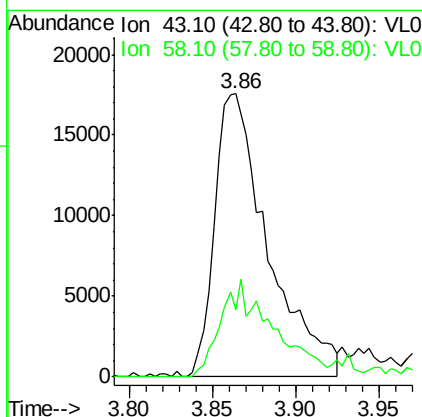
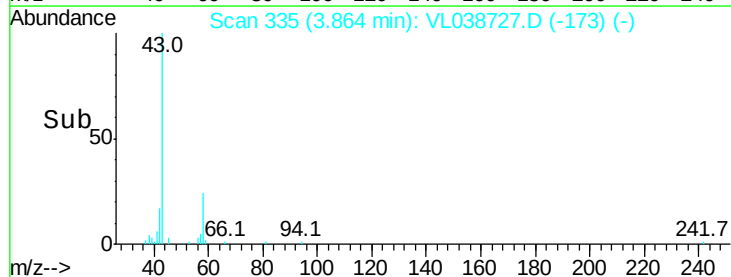
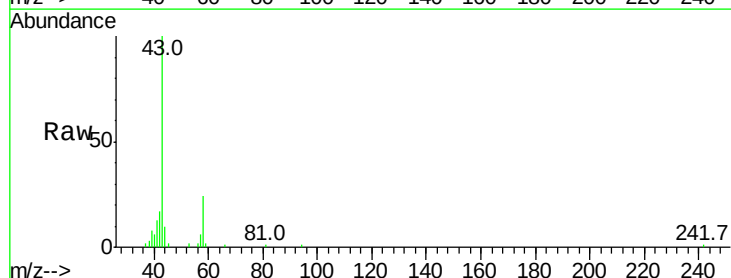
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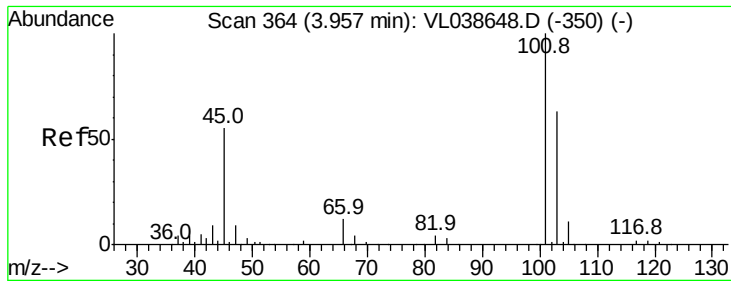
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#15
Acetone
Concen: 0.51 ppbv m
RT: 3.86 min Scan# 335
Delta R.T. 0.02 min
Lab File: VL038727.D
Acq: 23 Mar 2022 22:29

Tgt Ion: 43 Resp: 39092
Ion Ratio Lower Upper
43 100
58 37.0 23.3 34.9#





#19

Isopropyl Alcohol

Concen: 0.13 ppbv m

RT: 3.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 22:29

Tgt Ion:

Ion Ratio

45 100

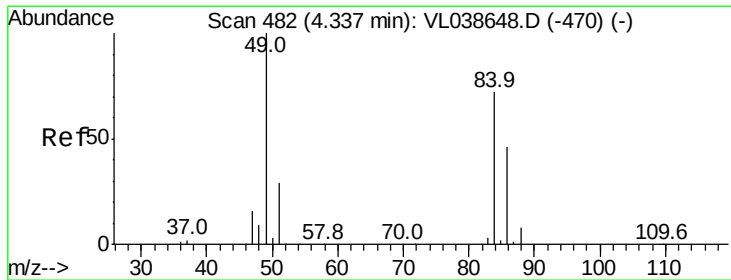
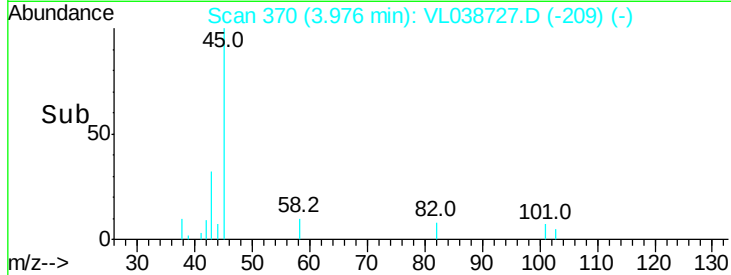
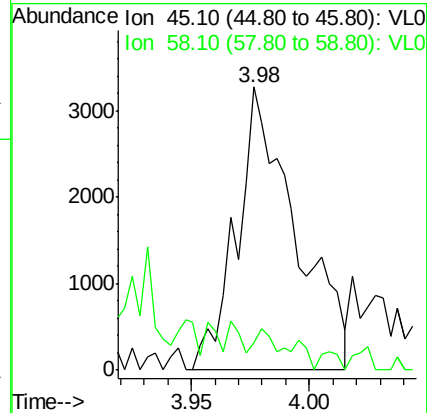
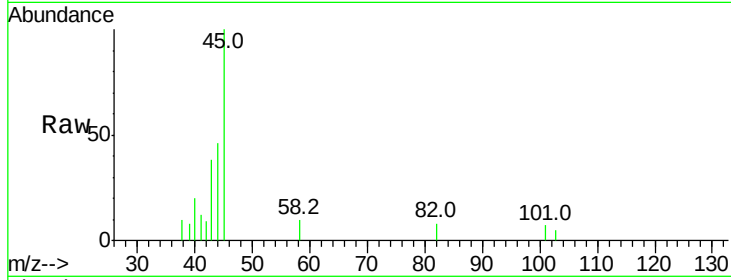
58 17.

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Supervised By :Mahesh Dadoda 03/28/2022



#20

Methylene Chloride

Concen: 0.27 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL038727.D

Acq: 23 Mar 2022 22:29

Tgt Ion: 84 Resp: 8726

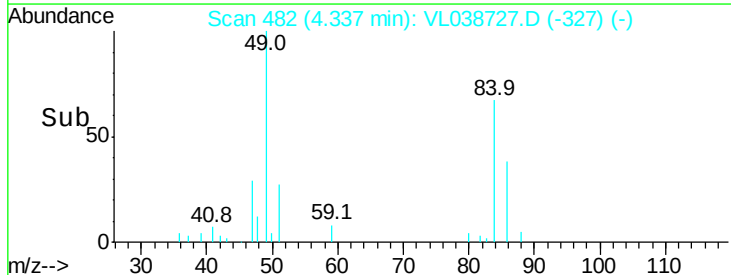
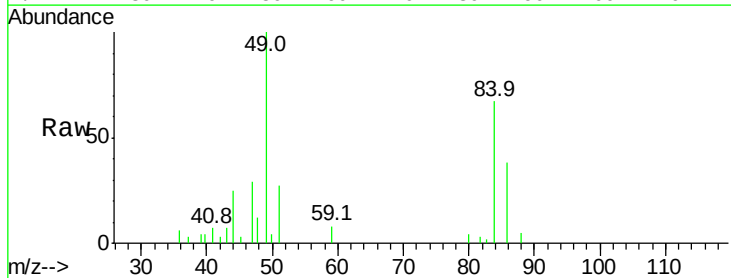
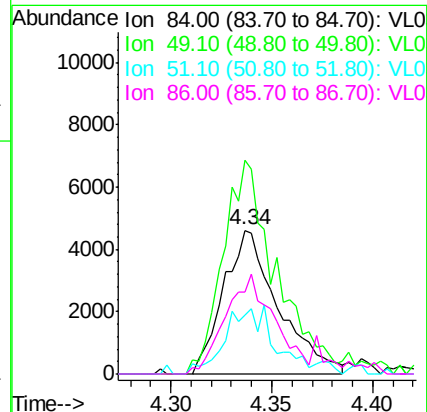
Ion Ratio Lower Upper

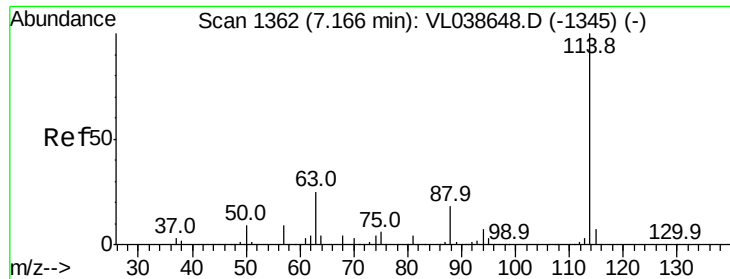
84 100

49 140.1 111.2 166.8

51 40.9 32.8 49.2

86 52.9 51.4 77.0



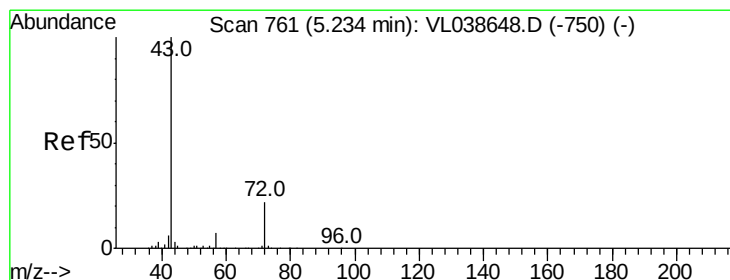
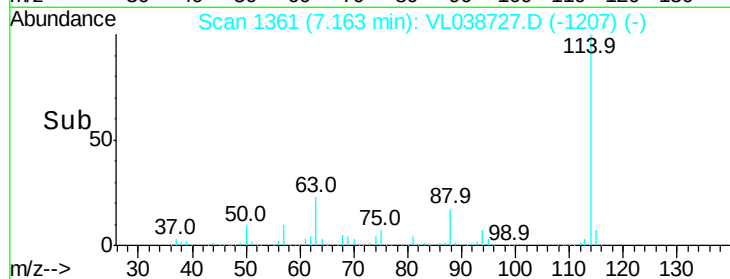
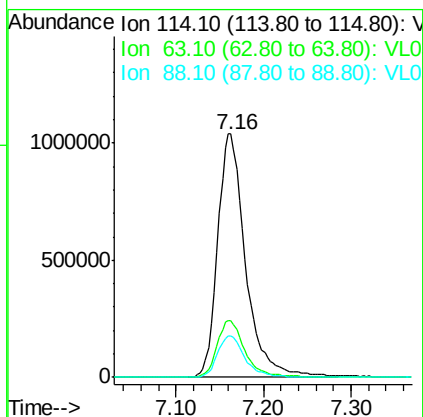
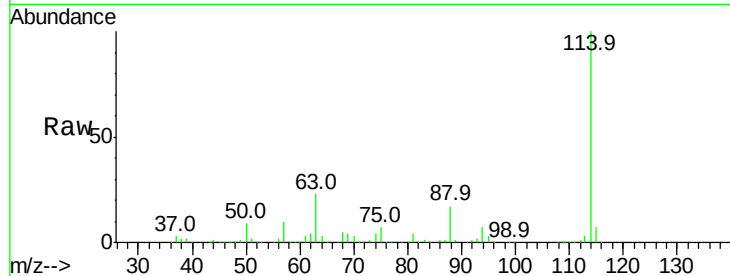


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 23 Mar 2022 22:29

Tgt Ion: 1
 Ion Ratio
 114 100
 63 23.
 88 17.

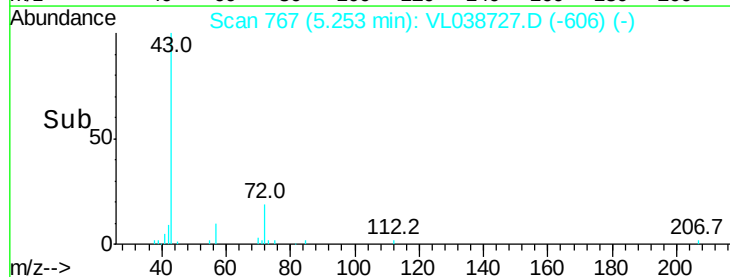
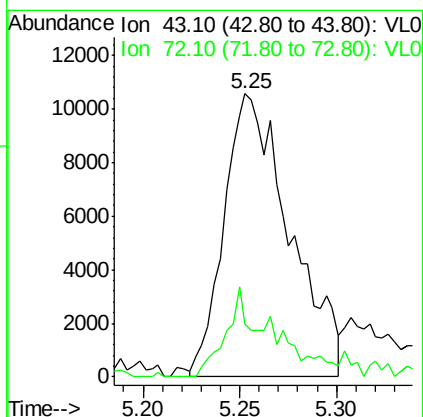
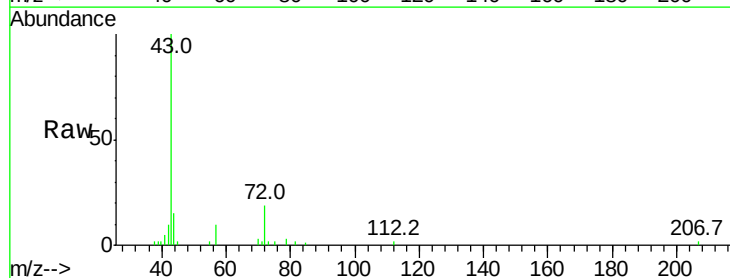
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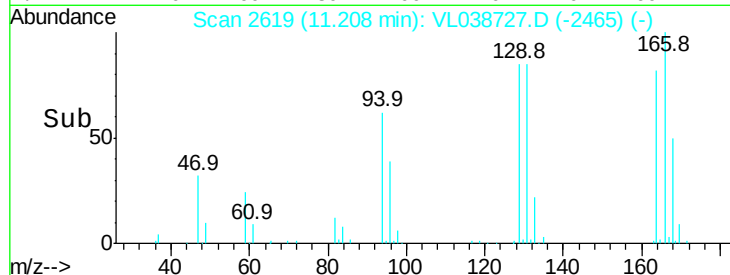
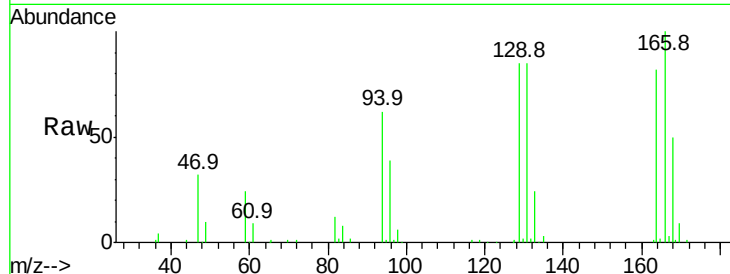
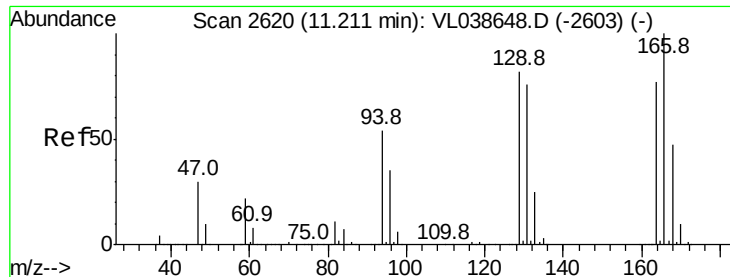
Reviewed By : Semsettin Yesilyurt 03/24/2022
 Supervised By : Mahesh Dadoda 03/28/2022



#34
 2-Butanone
 Concen: 0.27 ppbv m
 RT: 5.25 min Scan# 767
 Delta R.T. 0.02 min
 Lab File: VL038727.D
 Acq: 23 Mar 2022 22:29

Tgt Ion: 43 Resp: 24965
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.8 26.8#





#52

Tetrachloroethene

Concen: 1.61 ppbv

RT: 11.21 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

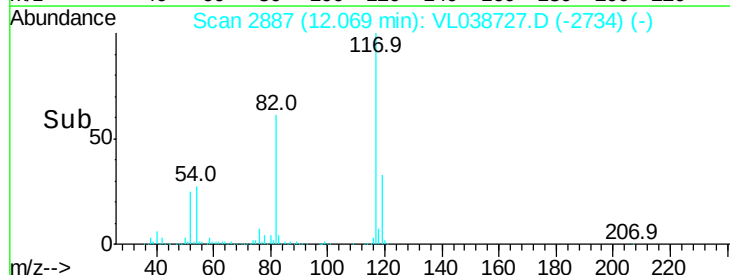
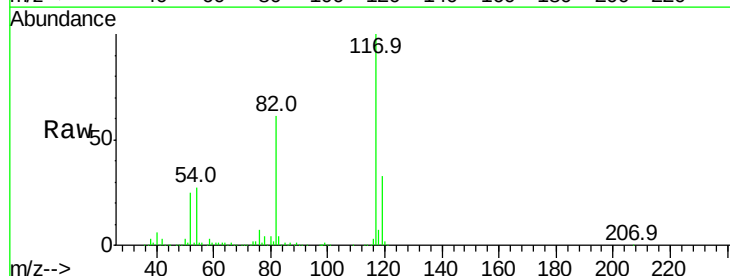
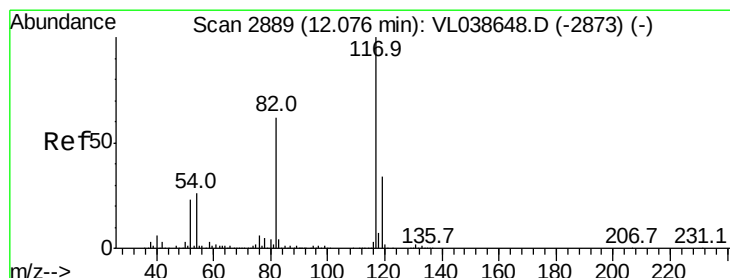
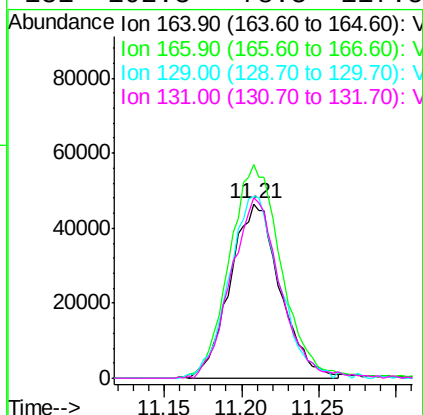
Acq: 23 Mar 2022 22:29

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Tgt Ion	Ratio	Abundance
164	100	
166	120	
129	102	
131	102.3	78.3 117.5



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

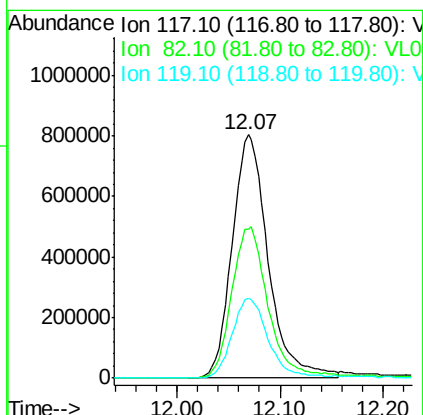
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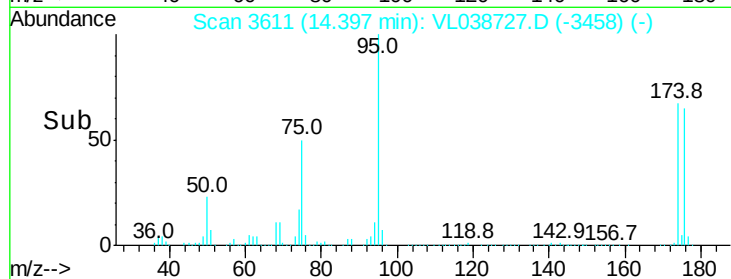
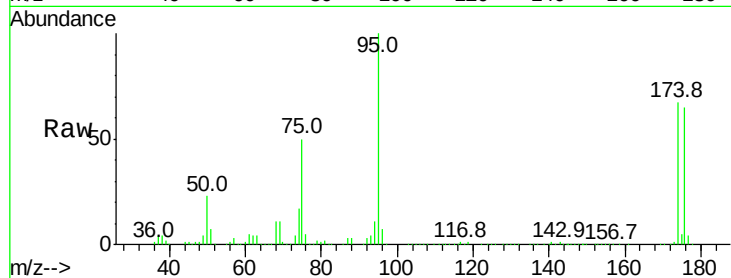
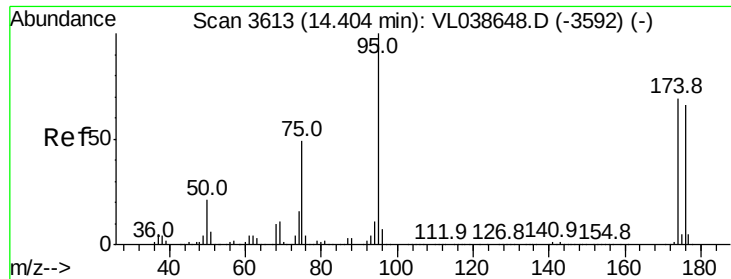
Delta R.T. -0.01 min

Lab File: VL038727.D

Acq: 23 Mar 2022 22:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	65.6	51.6	77.4
119	33.6	26.9	40.3





#68

1-Bromo-4-Fluorobenzene

Concen: 9.51 ppbv

RT: 14.40

Delta R.T

Lab File: ClientSampleId :

Acq: 23 Mar 2022 22:29

Tgt Ion:

Ion Ratio

95 100

174 71.

175 5.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 03/28/2022

