

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038723.D
 Acq On : 23 Mar 2022 19:50
 Operator : SY/AP
 Sample : N2047-01DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P99DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 05:47:56 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	5.65	49	964826	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2545710	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2195938	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1585792	9.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	21814m	0.44	ppbv	
13) Ethanol	3.60	45	28130m	5.18	ppbv	
15) Acetone	3.85	43	160471	1.93	ppbv	93
19) Isopropyl Alcohol	3.97	45	7746m	0.17	ppbv	
20) Methylene Chloride	4.33	84	28933	0.83	ppbv #	92
26) Hexane	5.67	57	20750	0.22	ppbv #	39
34) 2-Butanone	5.24	43	140193	1.39	ppbv	91
38) Trichloroethene	7.83	130	4660m	0.06	ppbv	
52) Tetrachloroethene	11.20	164	1972505	27.43	ppbv	97

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

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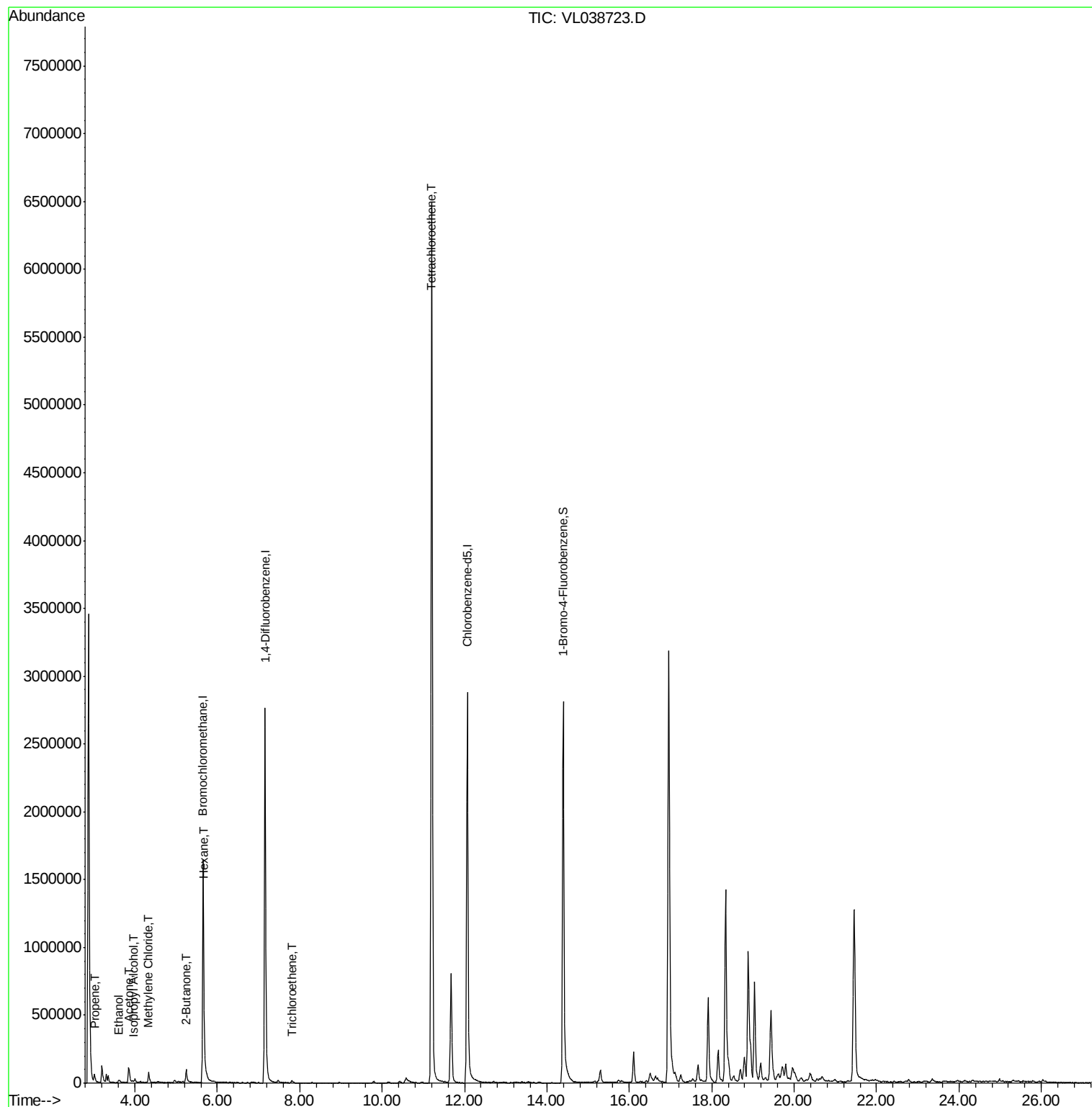
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL032122

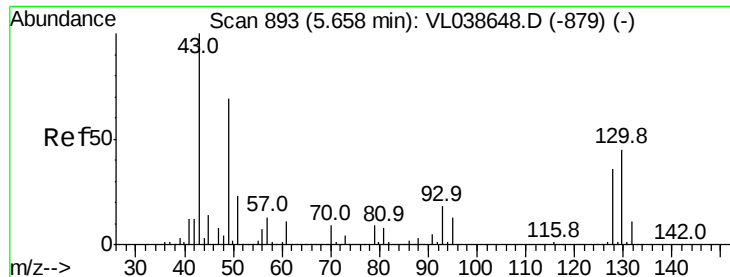
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 19:50

Tgt Ion:

Ion Ratio

49 100

128 55.

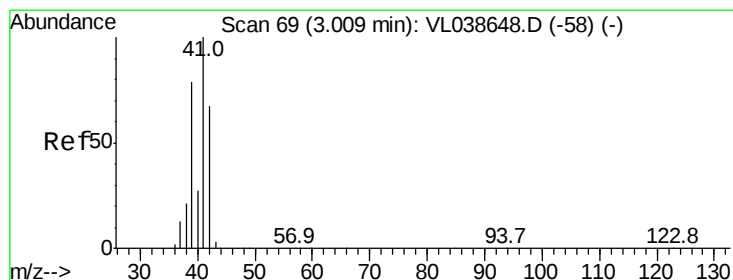
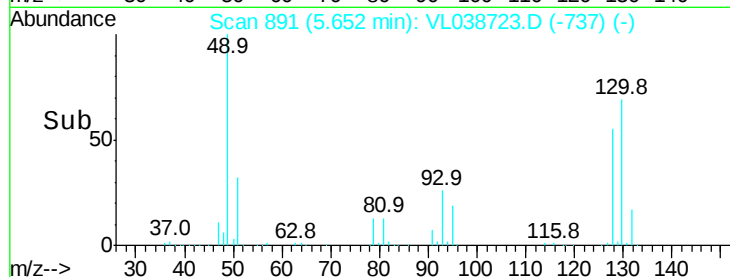
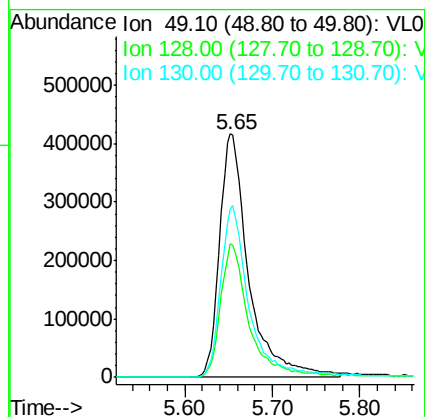
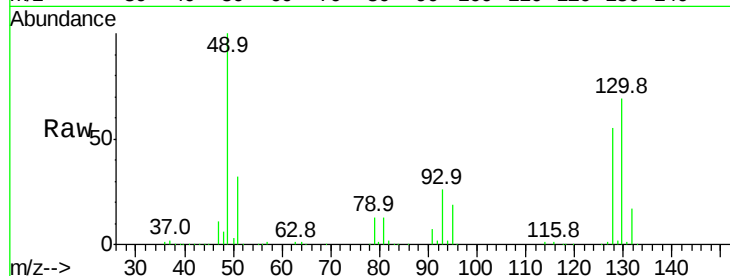
130 71.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/24/2022

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#9

Propene

Concen: 0.44 ppbv m

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL038723.D

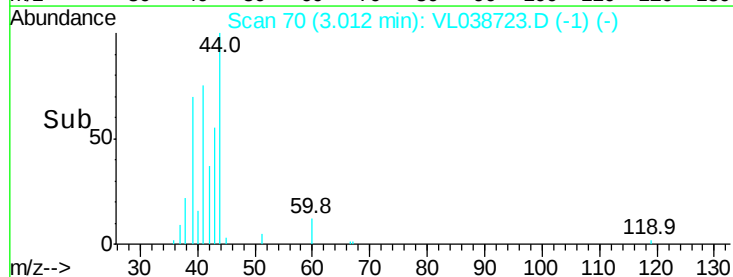
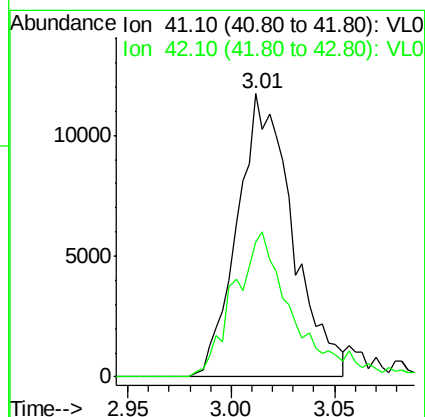
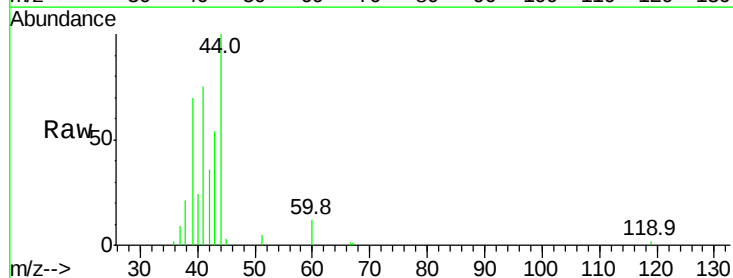
Acq: 23 Mar 2022 19:50

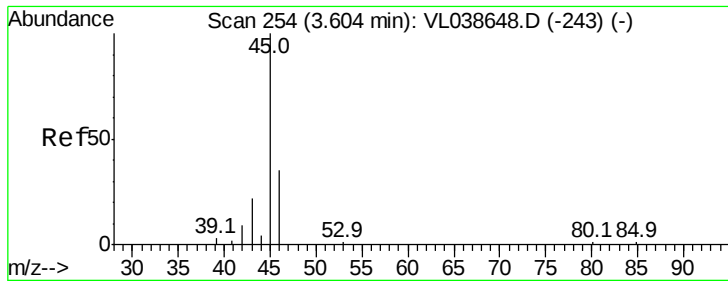
Tgt Ion: 41 Resp: 21814

Ion Ratio Lower Upper

41 100

42 0.0 56.2 84.4#



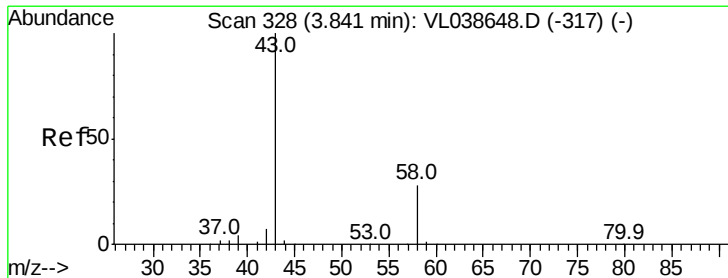
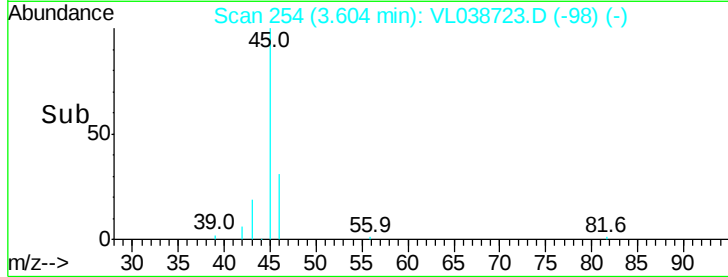
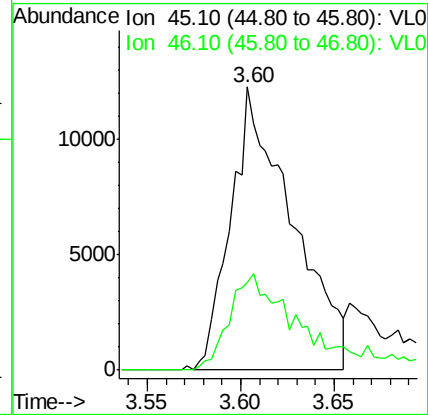
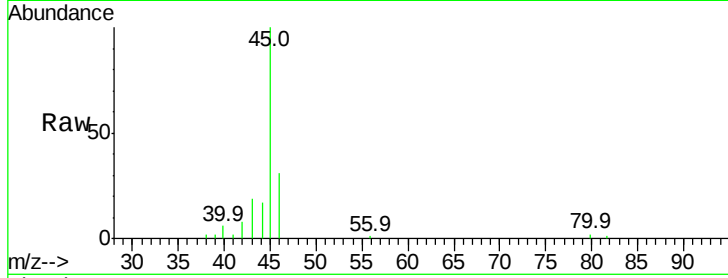


#13
Ethanol
Concen: 5.18 ppbv m
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Mar 2022 19:50

Tgt Ion:
Ion Ratio
45 100
46 44.

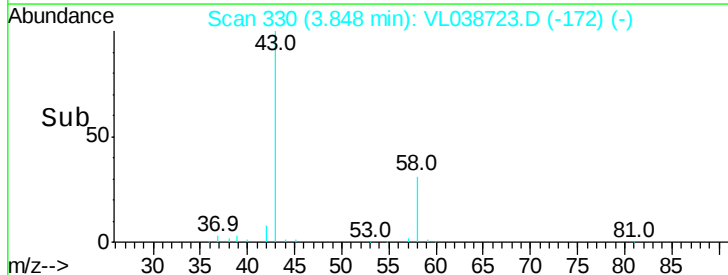
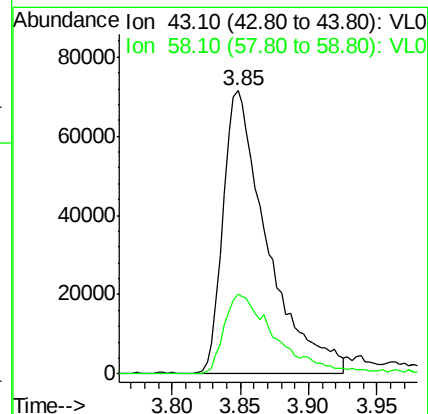
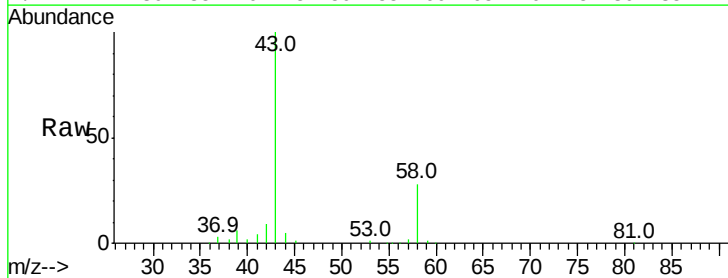
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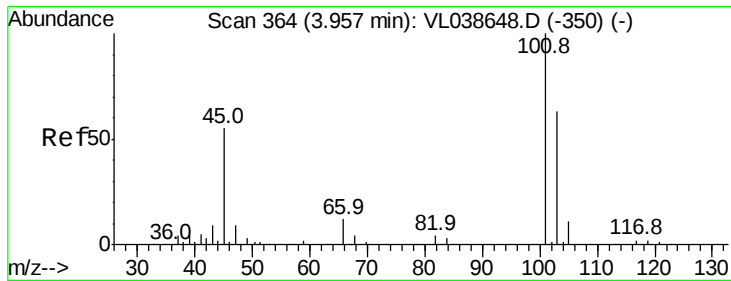
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#15
Acetone
Concen: 1.93 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL038723.D
Acq: 23 Mar 2022 19:50

Tgt Ion: 43 Resp: 160471
Ion Ratio Lower Upper
43 100
58 32.8 23.3 34.9





#19

Isopropyl Alcohol

Concen: 0.17 ppbv m

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 19:50

Tgt Ion:

Ion Ratio

45 100

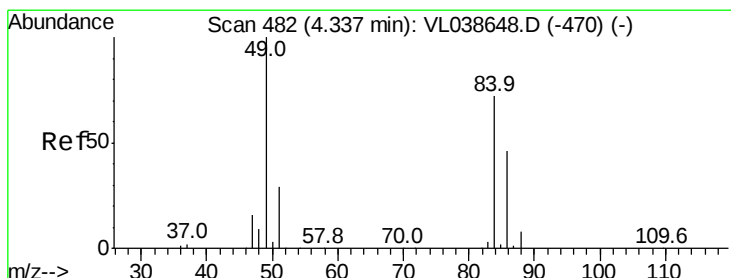
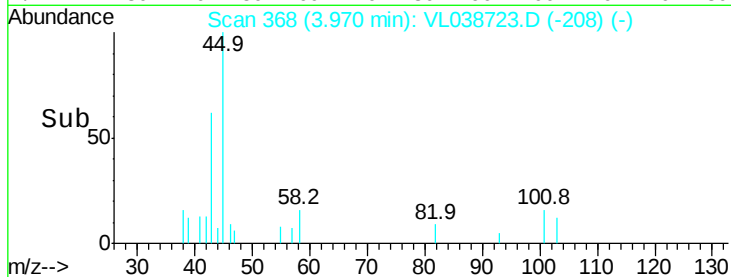
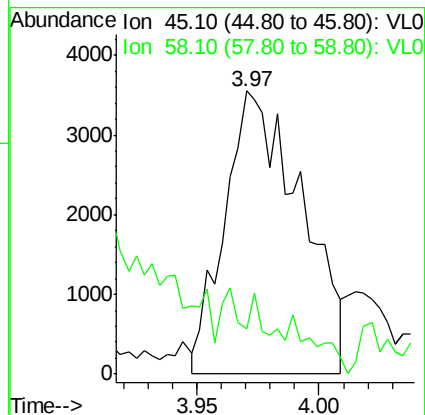
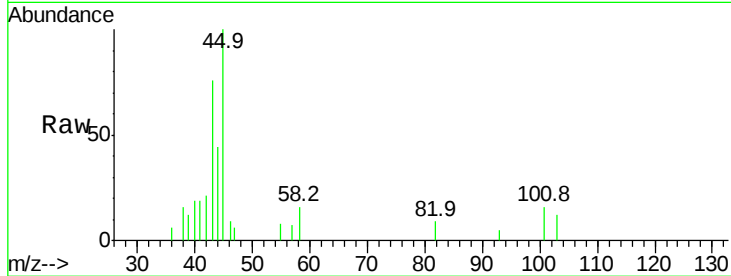
58 30.

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#20

Methylene Chloride

Concen: 0.83 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.00 min

Lab File: VL038723.D

Acq: 23 Mar 2022 19:50

Tgt Ion: 84 Resp: 28933

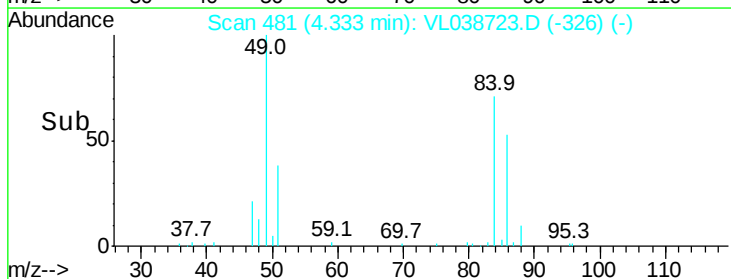
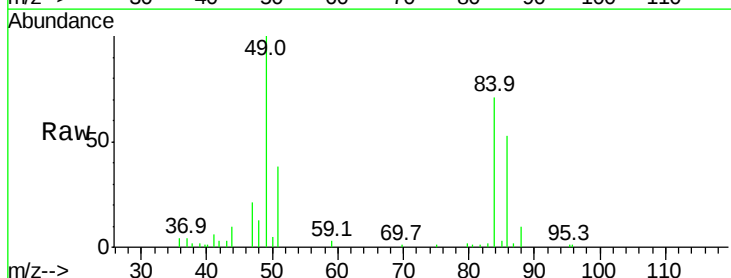
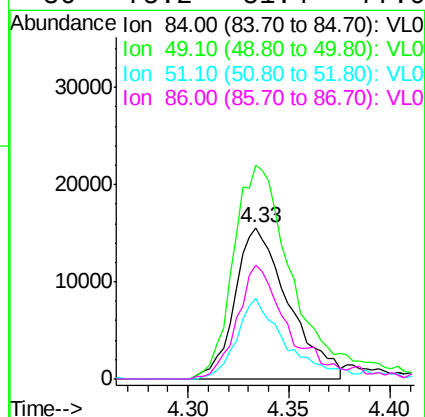
Ion Ratio Lower Upper

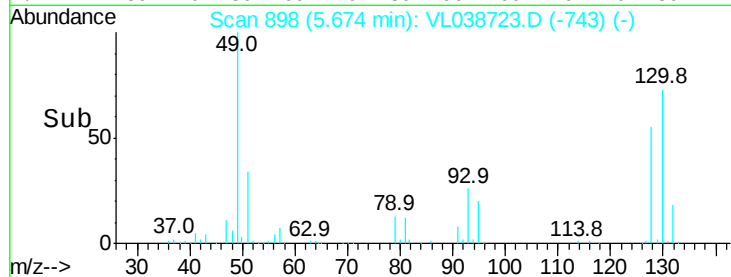
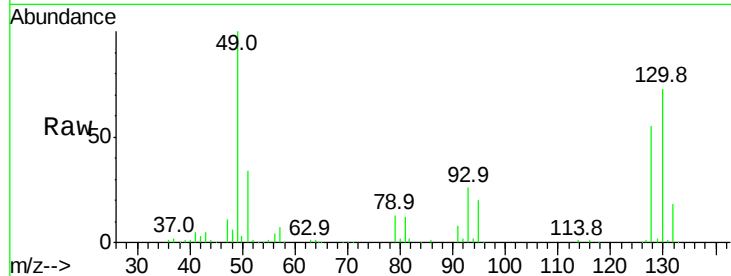
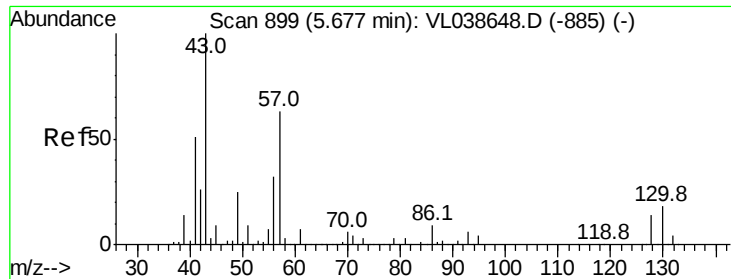
84 100

49 140.9 111.2 166.8

51 53.4 32.8 49.2#

86 75.2 51.4 77.0



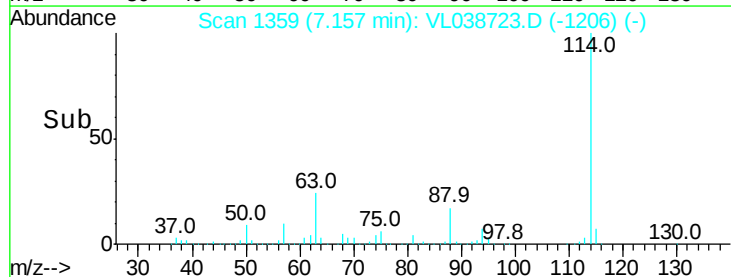
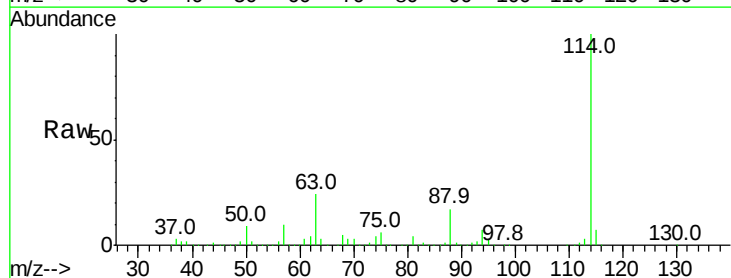
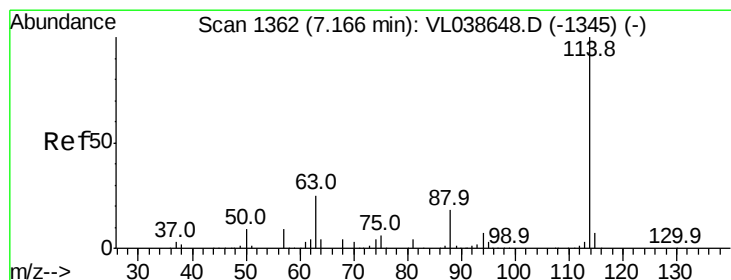
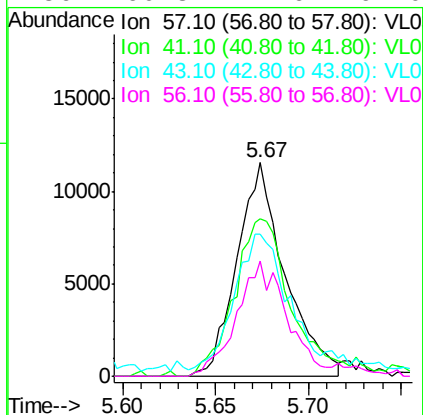


#26
Hexane
Concen: 0.22 ppbv
RT: 5.67
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Mar 2022 19:50

Tgt Ion: 57.10 (56.80 to 57.80): VL0
Ion Ratio: 100
57 100
41 92.
43 78.
56 60.3 42.6 64.0

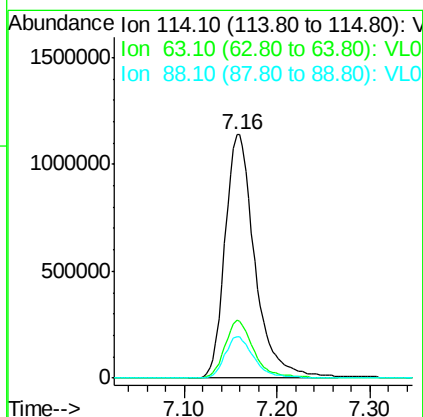
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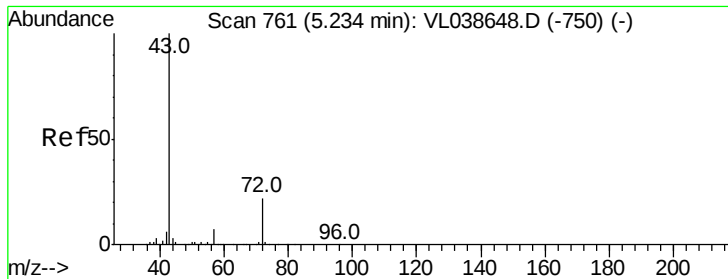
Reviewed By : Semsettin Yesilyurt 03/24/2022
Supervised By : Mahesh Dadoda 03/28/2022



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16 min Scan# 1359
Delta R.T.: -0.01 min
Lab File: VL038723.D
Acq: 23 Mar 2022 19:50

Tgt Ion: 114 Resp: 2545710
Ion Ratio Lower Upper
114 100
63 23.4 19.4 29.0
88 16.9 13.9 20.9



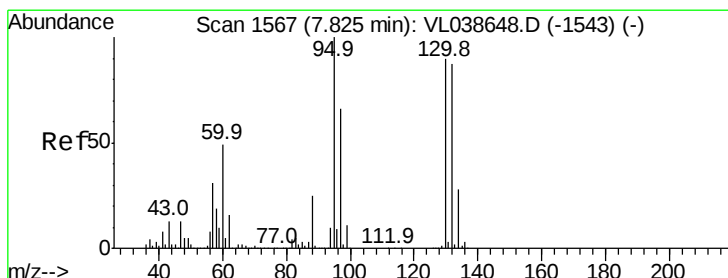
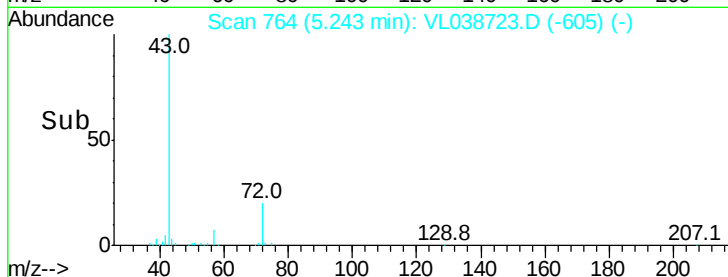
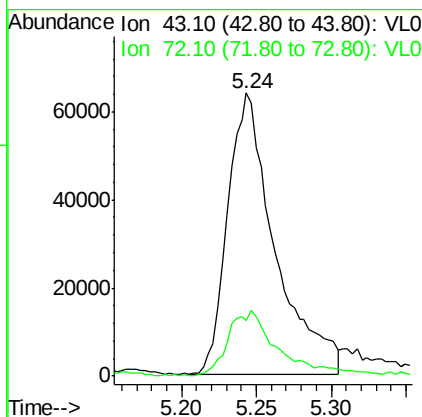
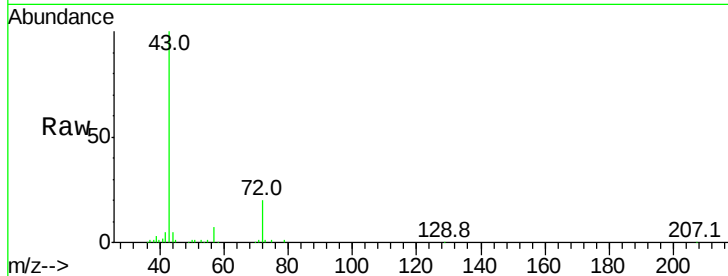


#34
2-Butanone
Concen: 1.39 ppbv
RT: 5.24
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Mar 2022 19:50

Tgt Ion:
Ion Ratio
43 100
72 26.

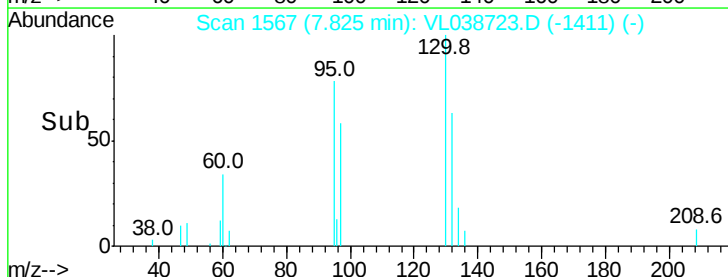
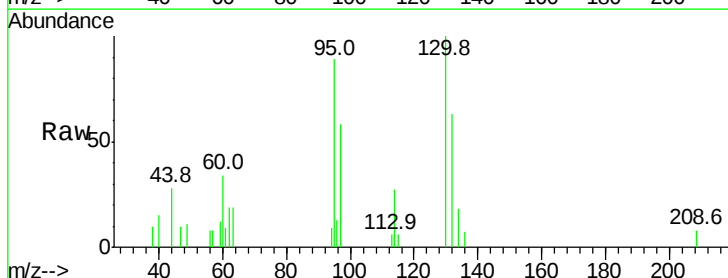
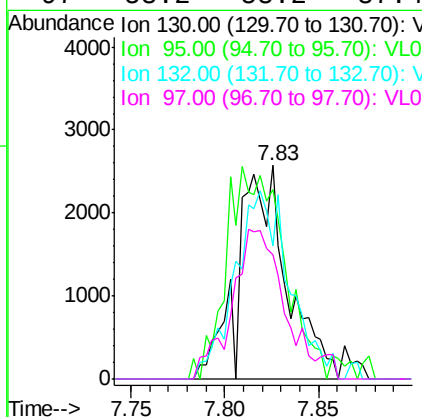
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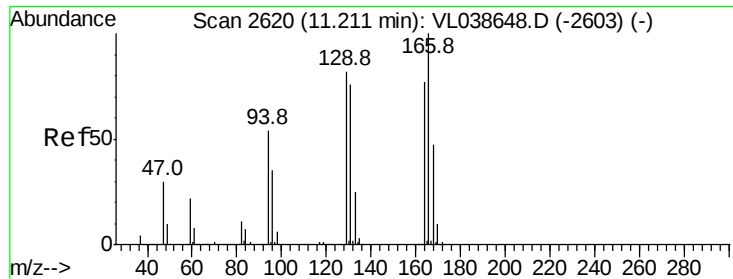
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Trichloroethene
Concen: 0.06 ppbv m
RT: 7.83 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VL038723.D
Acq: 23 Mar 2022 19:50

Tgt Ion:130 Resp: 4660
Ion Ratio Lower Upper
130 100
95 88.6 88.9 133.3#
132 62.6 77.4 116.0#
97 58.2 58.2 87.4#





#52

Tetrachloroethene

Concen: 27.43 ppbv

RT: 11.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Mar 2022 19:50

Tgt Ion:1

Ion Ratio

164 100

166 125.

129 99.

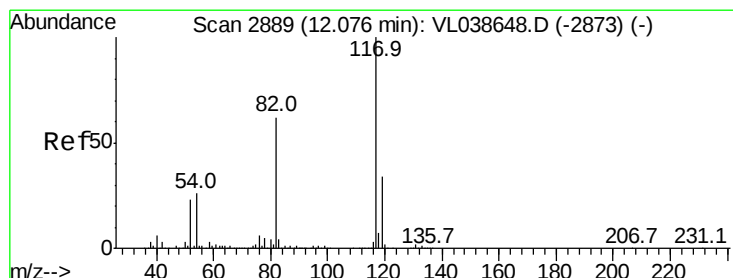
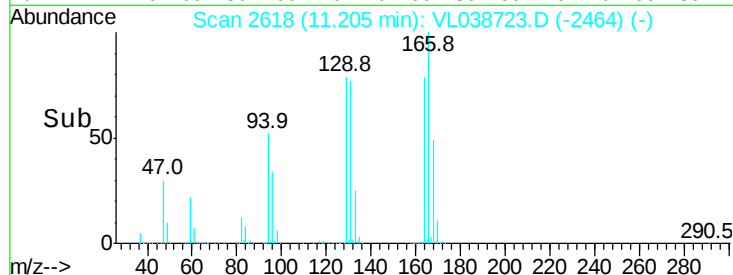
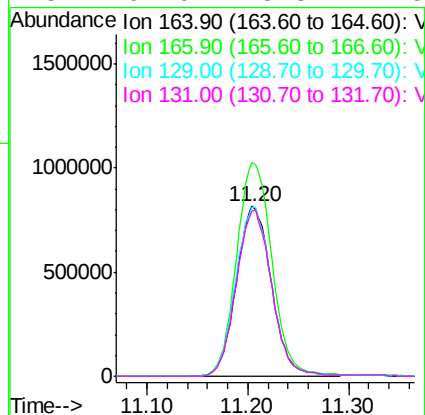
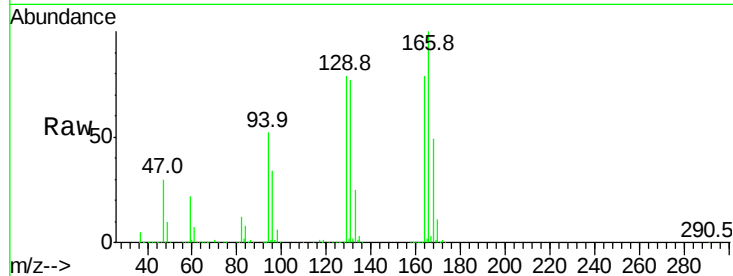
131 97.0 78.3 117.5

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.07 min Scan# 2886

Delta R.T. -0.01 min

Lab File: VL038723.D

Acq: 23 Mar 2022 19:50

Tgt Ion:117 Resp: 2195938

Ion Ratio Lower Upper

117 100

82 63.7 51.6 77.4

119 33.5 26.9 40.3

