

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038729.D
 Acq On : 23 Mar 2022 23:49
 Operator : SY/AP
 Sample : N2047-05DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PB0DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 27 16:18:23 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	908733	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2481645	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2134304	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1541828	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	3.02	41	14515	0.31	ppbv	95
13) Ethanol	3.61	45	58739m	11.49	ppbv	
15) Acetone	3.85	43	192177	2.45	ppbv #	87
17) tert-Butyl alcohol	4.30	59	9082m	0.13	ppbv	
20) Methylene Chloride	4.34	84	21807	0.66	ppbv	96
29) Chloroform	5.74	83	29951	0.21	ppbv	88
34) 2-Butanone	5.24	43	207687m	2.11	ppbv	
52) Tetrachloroethene	11.21	164	284246	4.06	ppbv	97

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

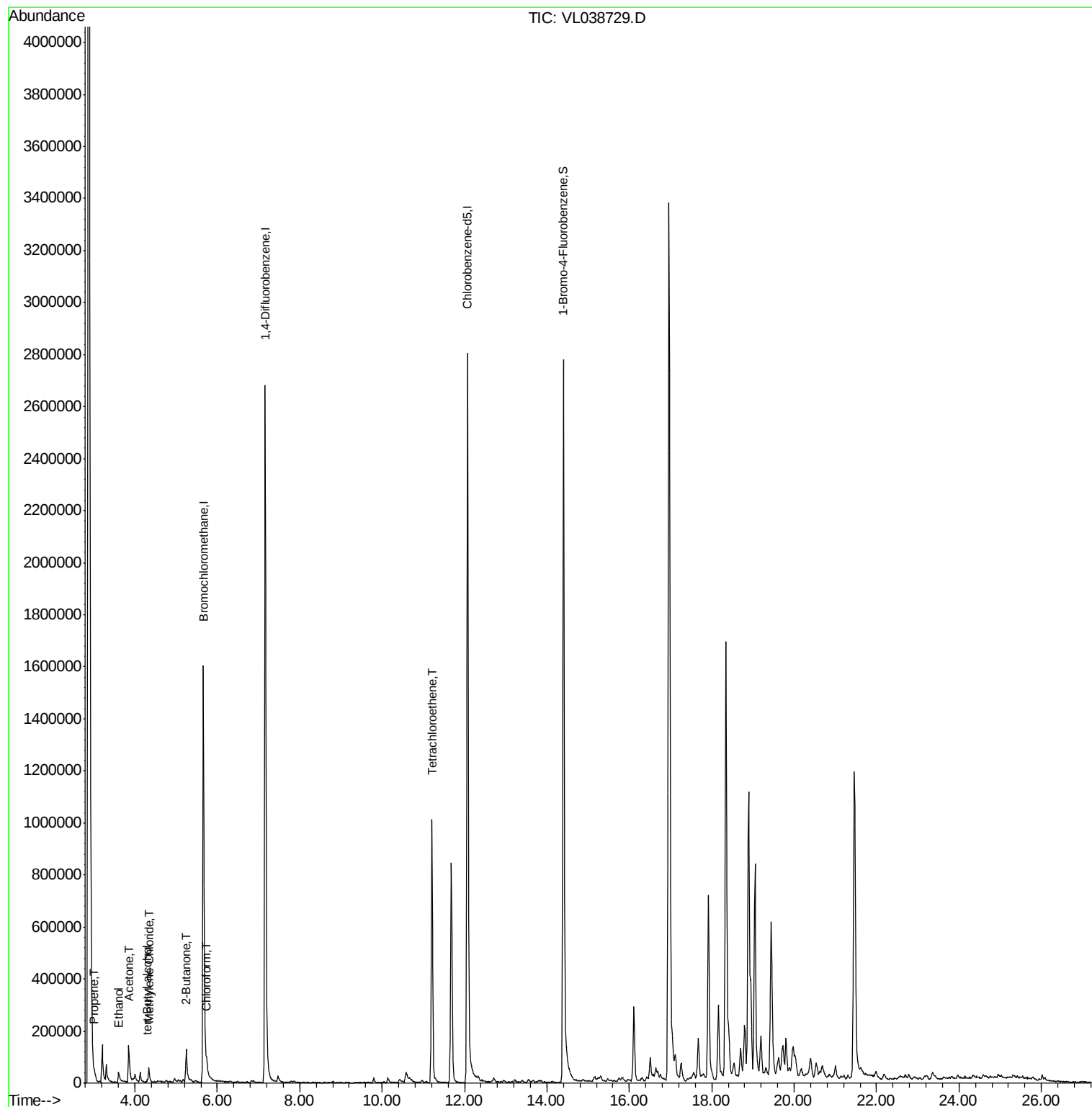
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
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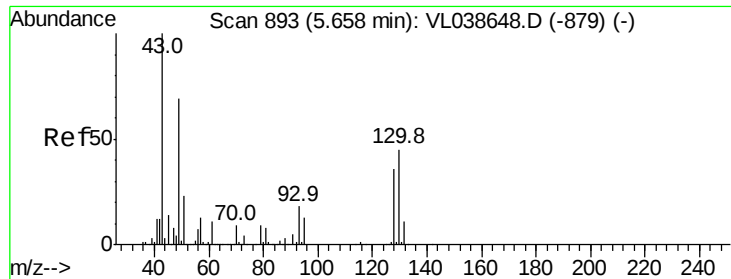
Instrument :
MSVOA_L
ClientSampleId :
C0PB0DL

Quant Time: Mar 27 16:18:23 2022
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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 23:49

Tgt Ion:

Ion Ratio

49 100

128 56.

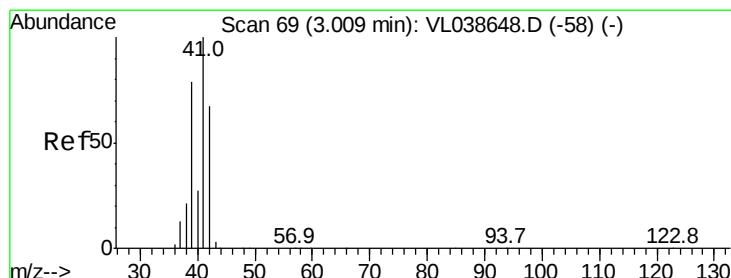
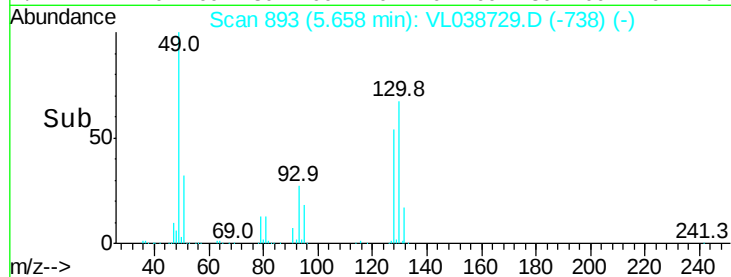
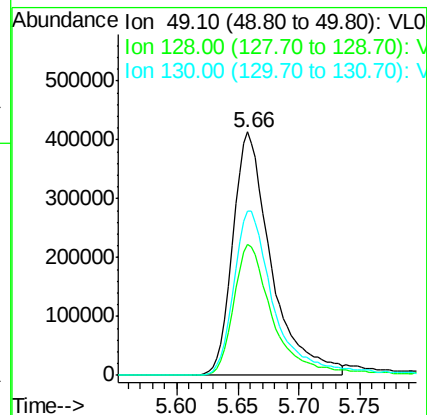
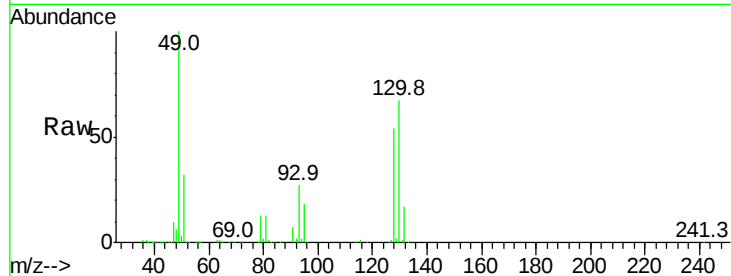
130 73.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/28/2022



#9

Propene

Concen: 0.31 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL038729.D

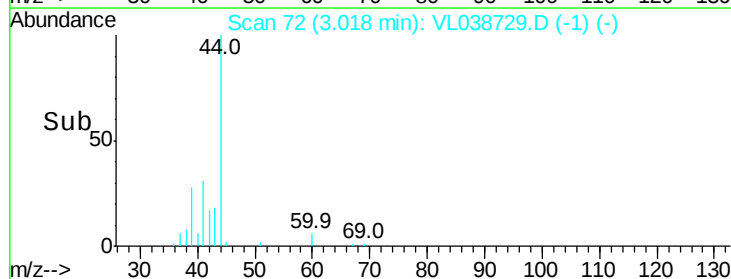
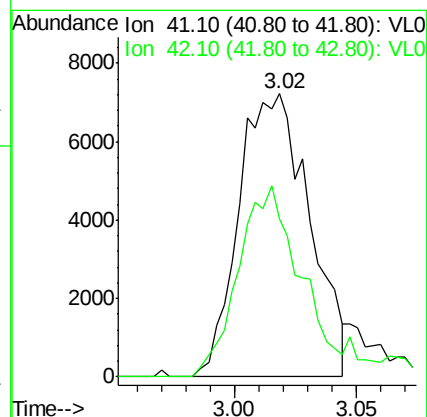
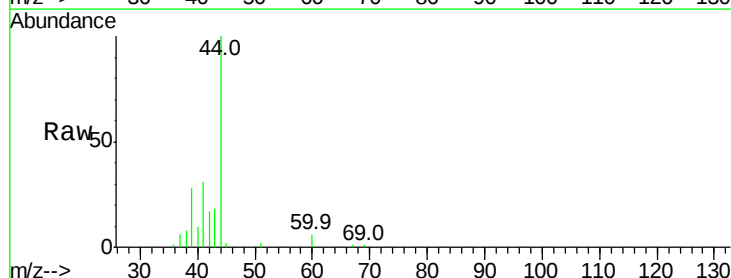
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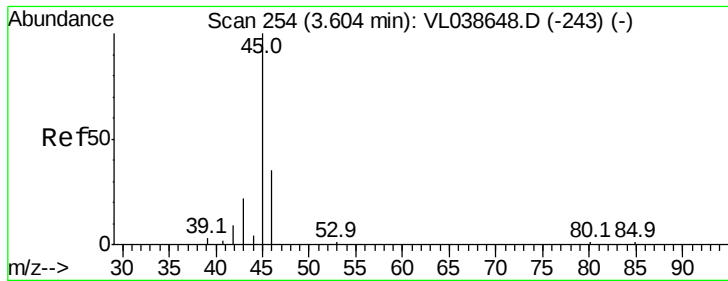
Tgt Ion: 41 Resp: 14515

Ion Ratio Lower Upper

41 100

42 66.5 56.2 84.4



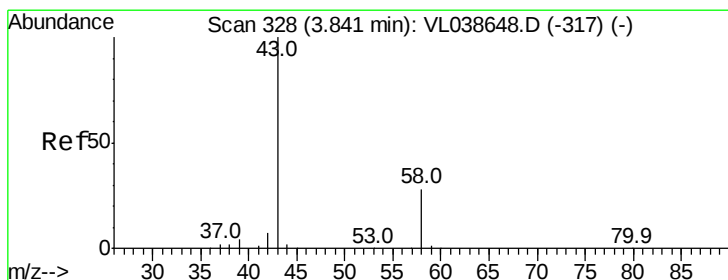
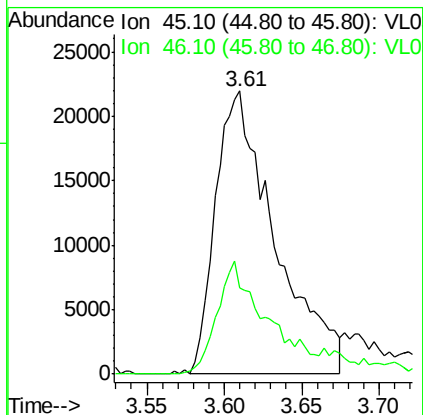
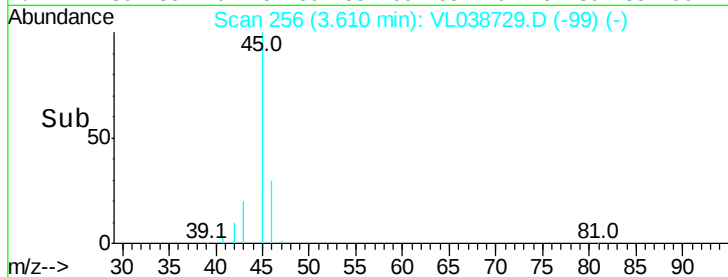
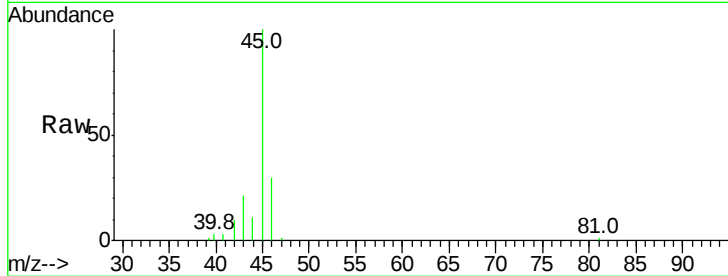


#13
Ethanol
Concen: 11.49 ppbv m
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Mar 2022 23:49

Tgt Ion:
Ion Ratio
45 100
46 41.

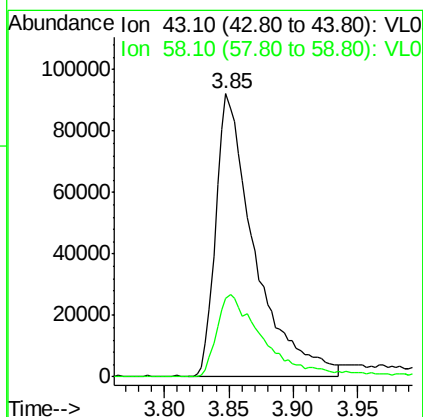
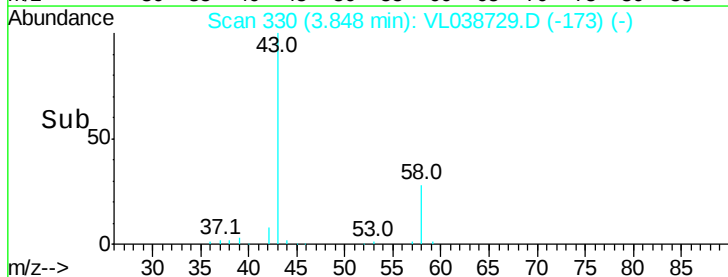
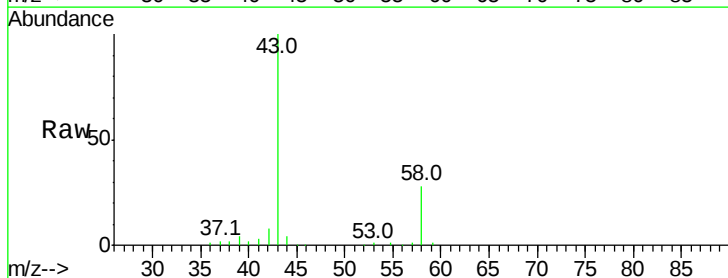
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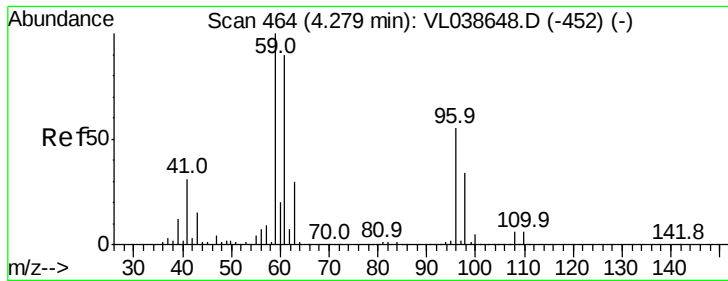
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#15
Acetone
Concen: 2.45 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL038729.D
Acq: 23 Mar 2022 23:49

Tgt Ion: 43 Resp: 192177
Ion Ratio Lower Upper
43 100
58 36.2 23.3 34.9#





#17

tert-Butyl alcohol

Concen: 0.13 ppbv m

RT: 4.30 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 23:49

Tgt Ion:

Ion Ratio

59 100

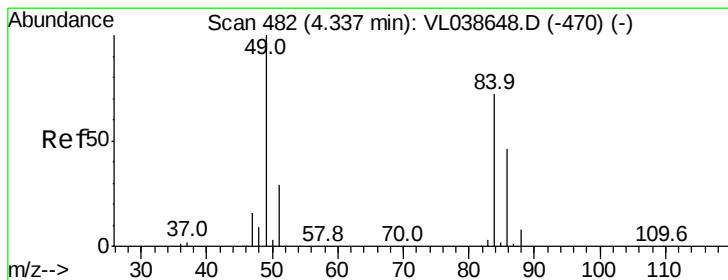
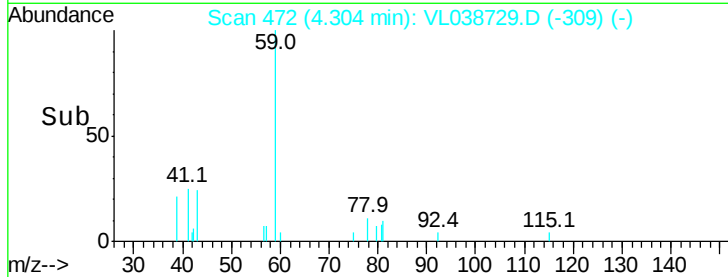
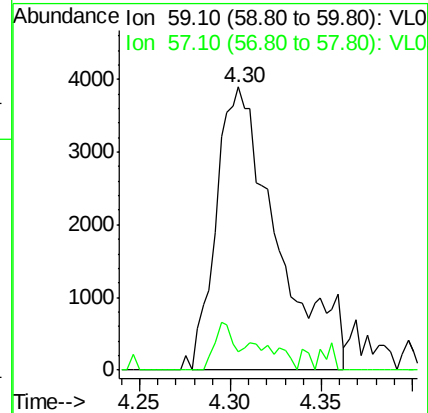
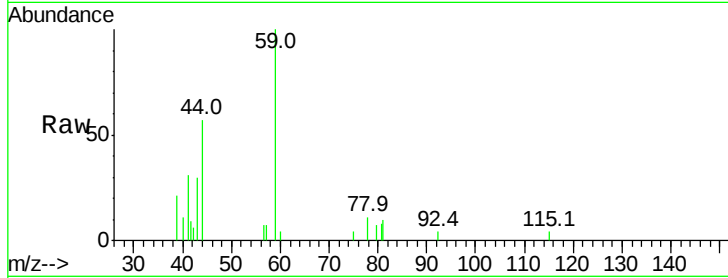
57 10.

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Supervised By :Mahesh Dadoda 03/28/2022



#20

Methylene Chloride

Concen: 0.66 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.01 min

Lab File: VL038729.D

Acq: 23 Mar 2022 23:49

Tgt Ion: 84 Resp: 21807

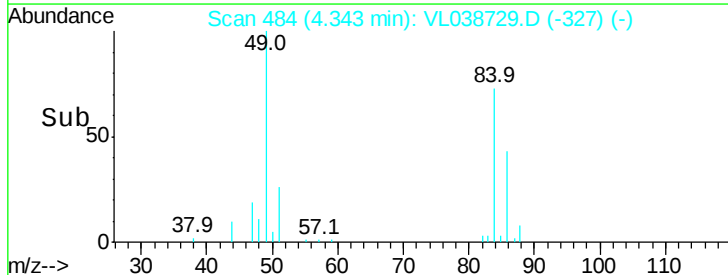
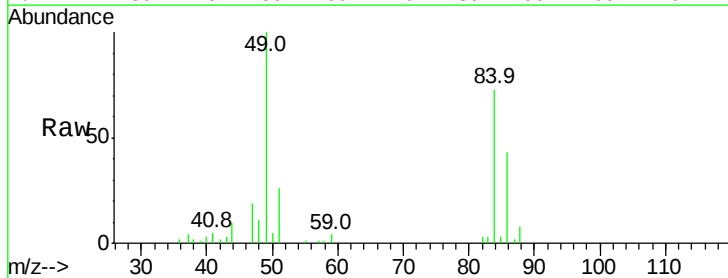
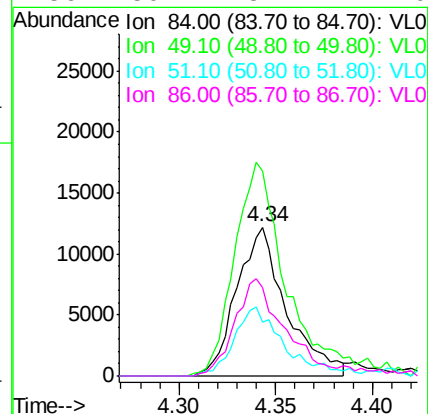
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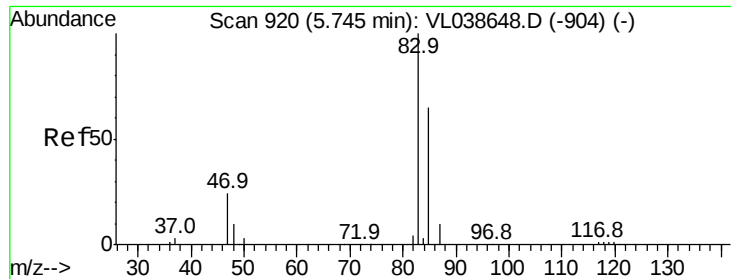
84 100

49 136.5 111.2 166.8

51 35.9 32.8 49.2

86 59.4 51.4 77.0



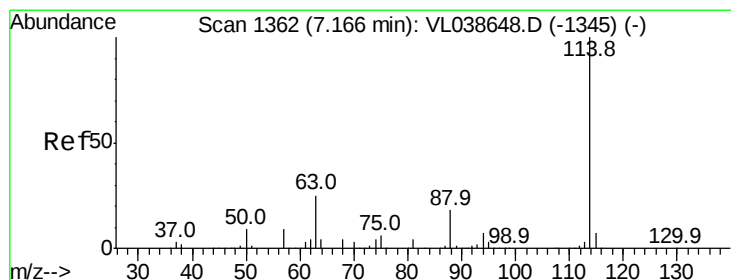
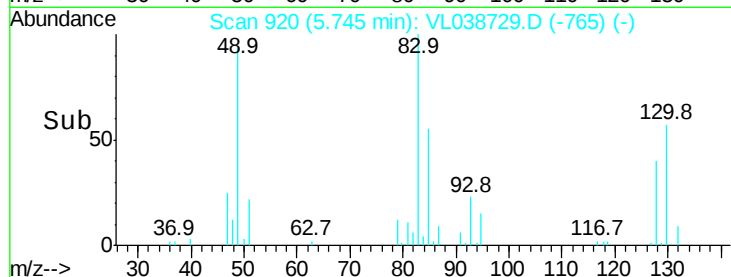
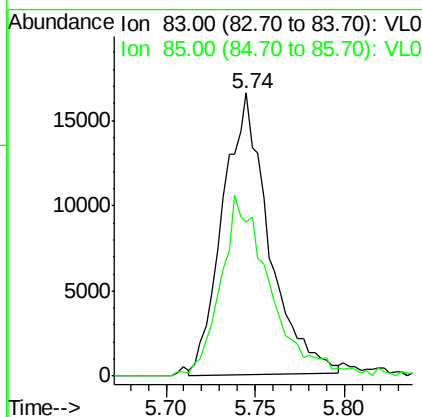
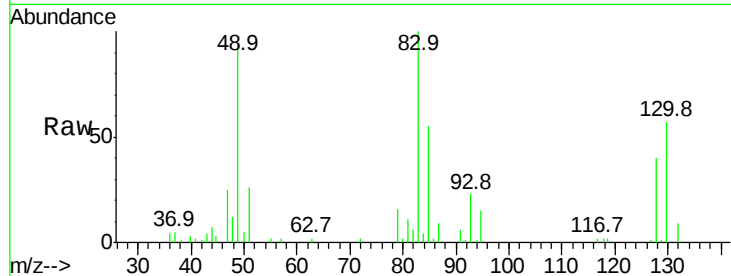


#29
 Chloroform
 Concen: 0.21 ppbv
 RT: 5.74
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 23 Mar 2022 23:49

Tgt Ion:
 Ion Ratio
 83 100
 85 54.

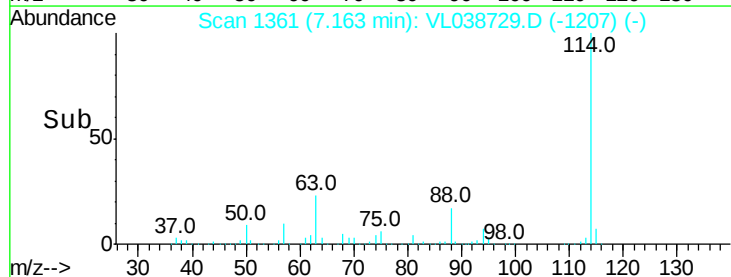
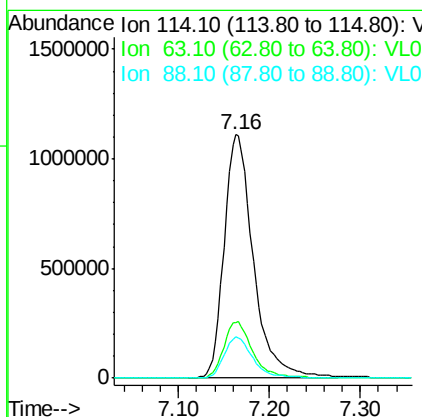
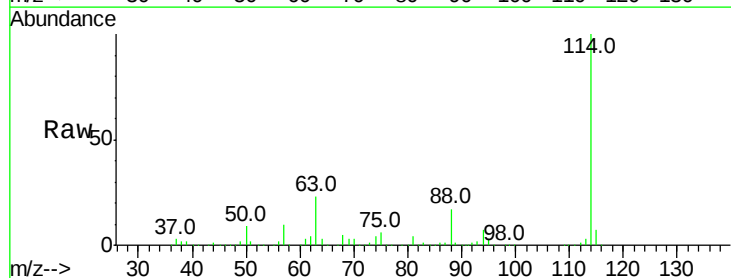
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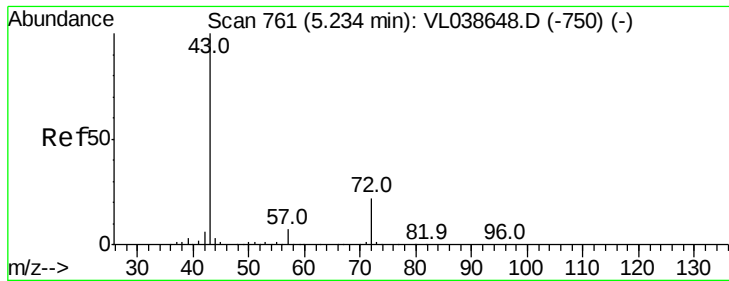
Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: VL038729.D
 Acq: 23 Mar 2022 23:49

Tgt Ion:114 Resp: 2481645
 Ion Ratio Lower Upper
 114 100
 63 23.2 19.4 29.0
 88 16.8 13.9 20.9





#34

2-Butanone

Concen: 2.11 ppbv m

RT: 5.24 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 23:49 COPB0DL

Tgt Ion:

Ion Ratio

43 100

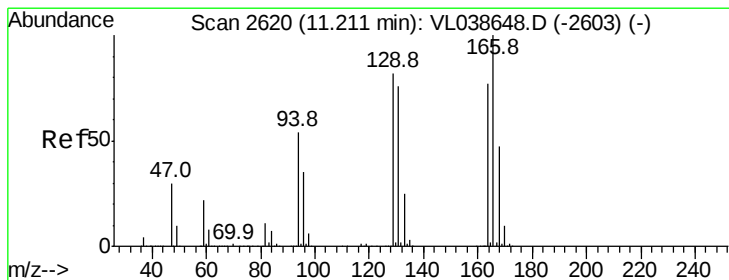
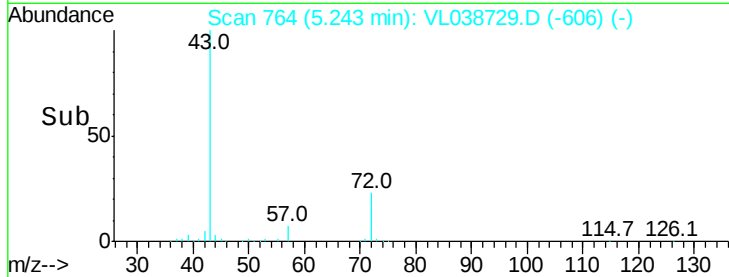
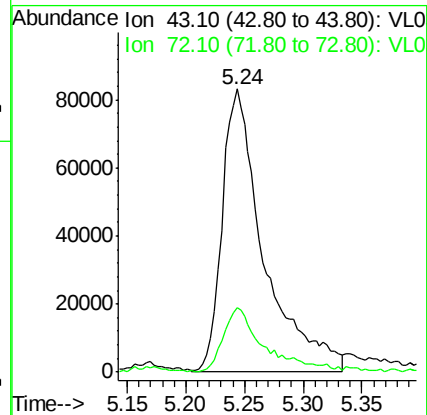
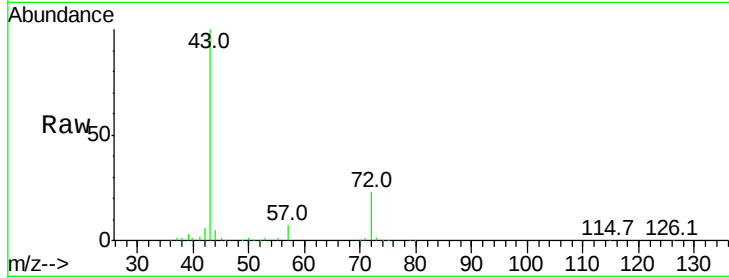
72 22.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/28/2022



#52

Tetrachloroethene

Concen: 4.06 ppbv

RT: 11.21 min Scan# 2620

Delta R.T. -0.00 min

Lab File: VL038729.D

Acq: 23 Mar 2022 23:49

Tgt Ion:164 Resp: 284246

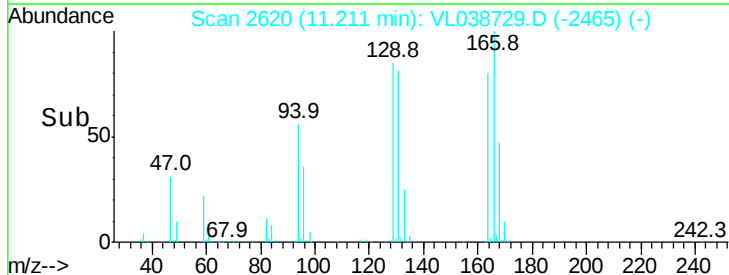
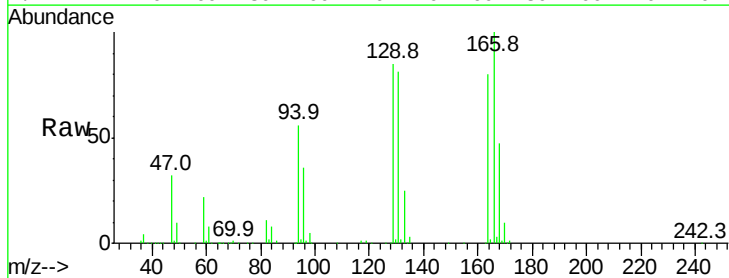
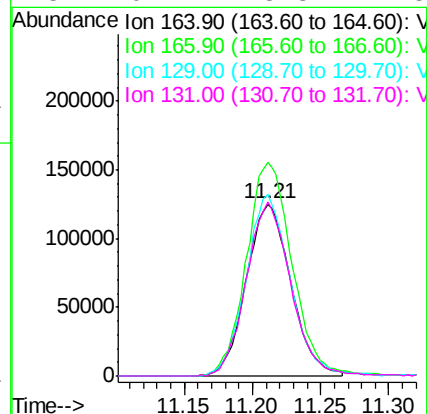
Ion Ratio Lower Upper

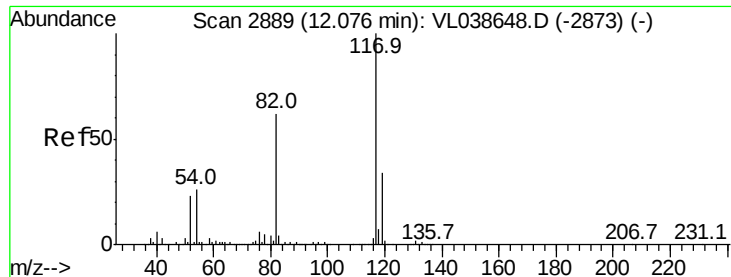
164 100

166 124.2 103.3 154.9

129 105.4 85.2 127.8

131 101.1 78.3 117.5



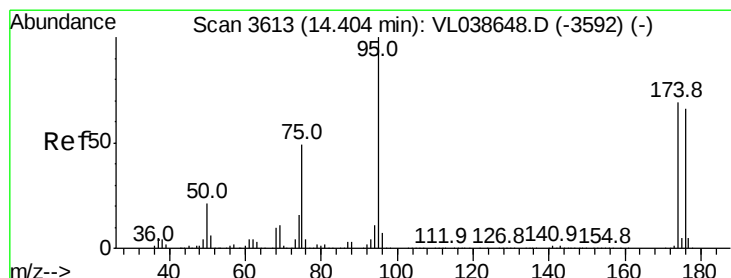
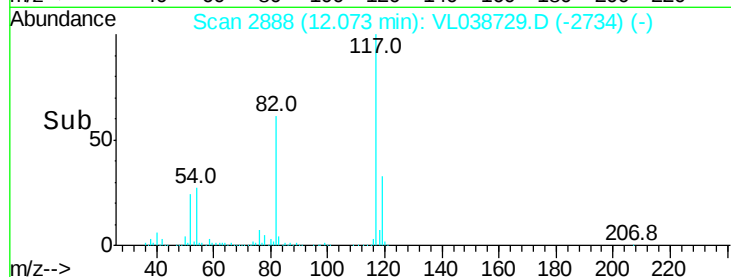
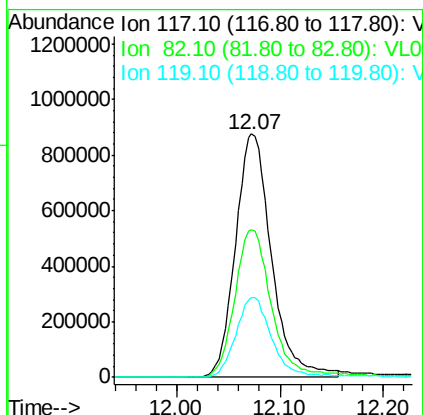
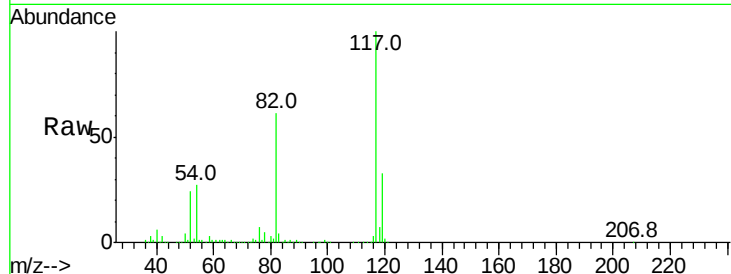


#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 COPB0DL
 Acq: 23 Mar 2022 23:49

Tgt Ion: 117.0
 Ion Ratio
 117 100
 82 63.1
 119 33.3

Manual Integrations
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 Supervised By :Mahesh Dadoda 03/28/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.42 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T.: -0.00 min
 Lab File: VL038729.D
 Acq: 23 Mar 2022 23:49

Tgt Ion: 95 Resp: 1541828
 Ion Ratio Lower Upper
 95 100
 174 72.9 56.1 84.1
 175 5.2 4.2 6.2

