

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
 Data File : VL037835.D
 Acq On : 12 Oct 2021 18:34
 Operator : SY/AP
 Sample : M4079-05DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P04DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021

Quant Time: Oct 14 01:53:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1266350	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3806986	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3272984	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2243029	9.80	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	14328m	0.160	ppbv	
15) Acetone	3.85	43	69941m	0.615	ppbv	
20) Methylene Chloride	4.34	84	41032m	0.714	ppbv	
26) Hexane	5.68	57	21566m	0.137	ppbv	
52) Tetrachloroethene	11.22	164	21422m	0.169	ppbv	

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

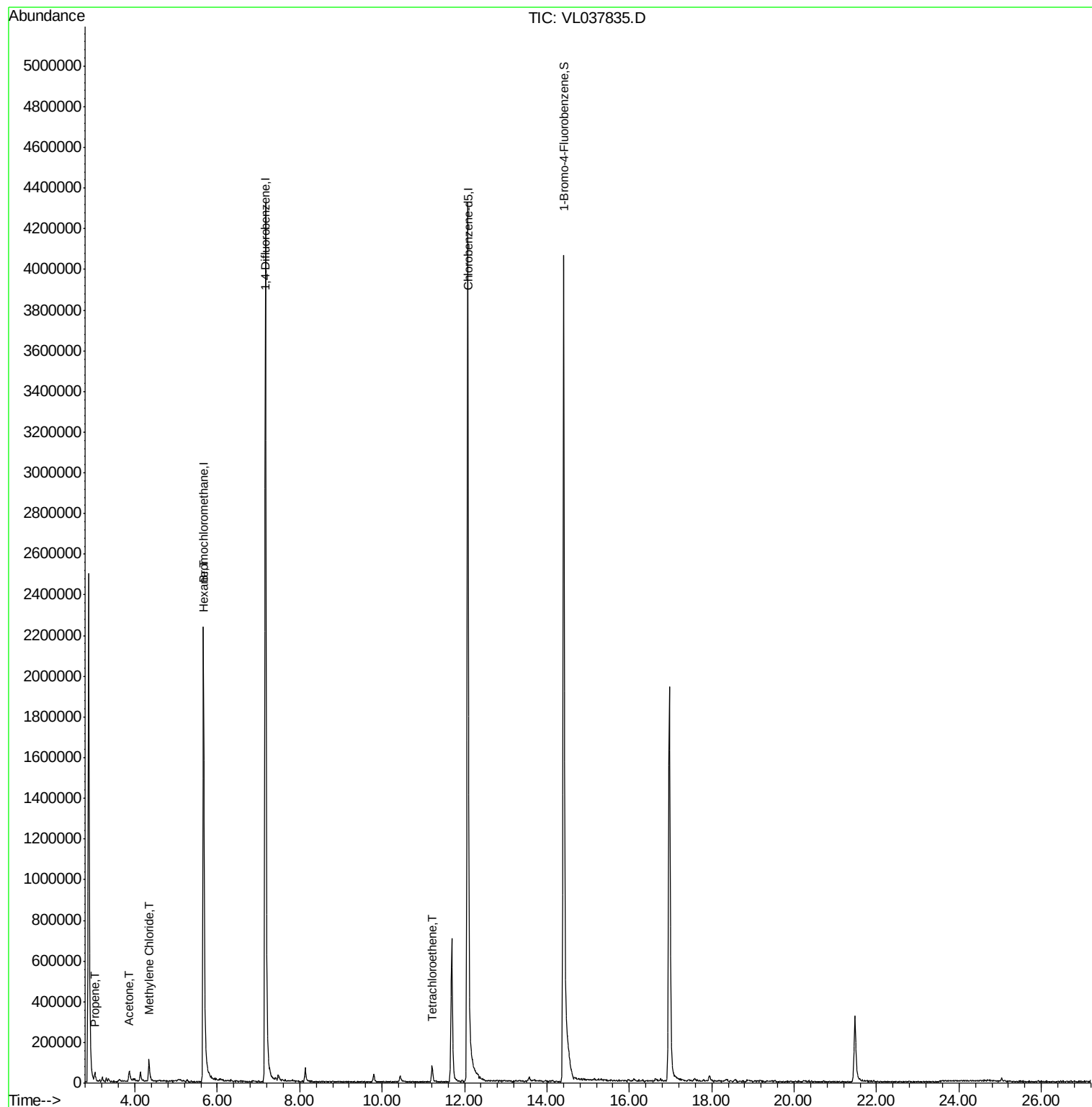
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101221\
Data File : VL037835.D
Acq On : 12 Oct 2021 18:34
Operator : SY/AP
Sample : M4079-05DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

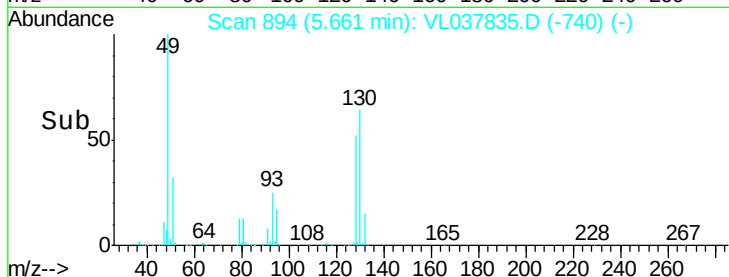
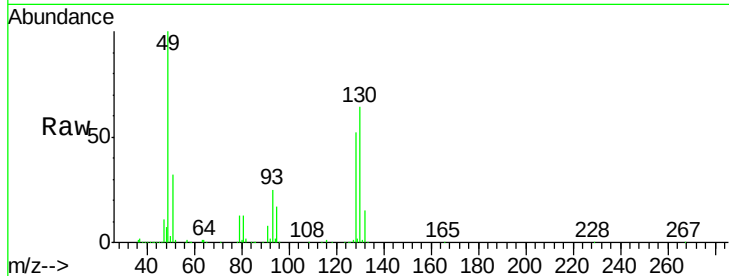
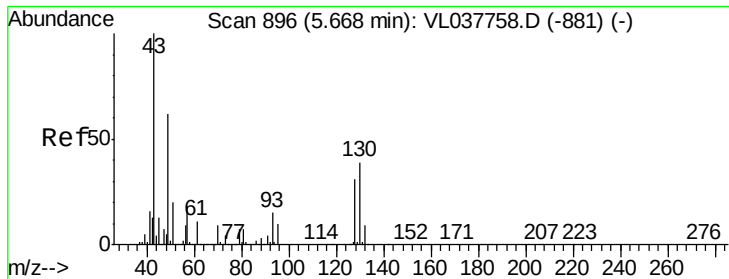
Instrument :
MSVOA_L
ClientSampleId :
C0P04DL

Manual Integrations
APPROVED

Quant Time: Oct 14 01:53:36 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 12 Oct 2021 18:34

Tot Ion:

Ion Ratio

49 100

128 56.

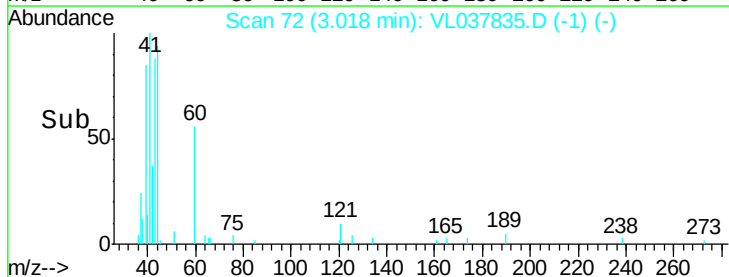
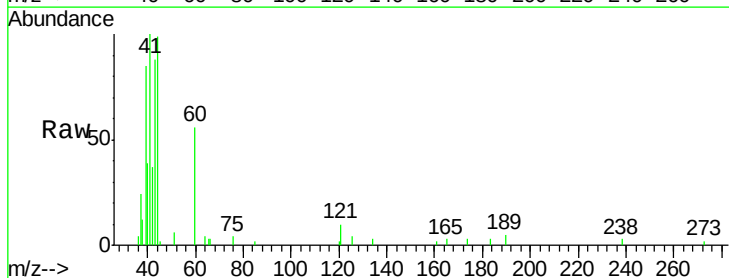
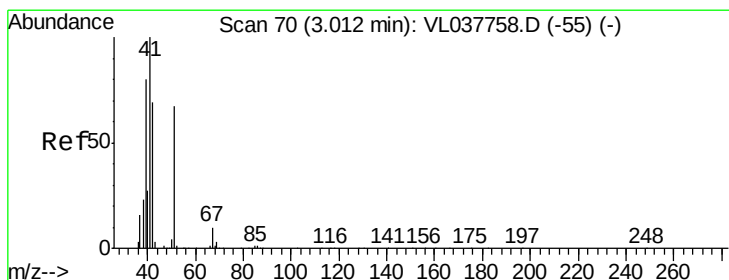
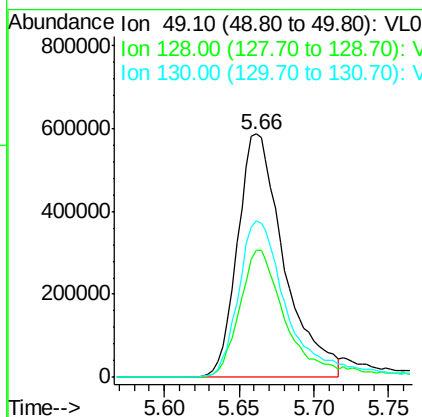
130 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#9

Propene

Concen: 0.160 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL037835.D

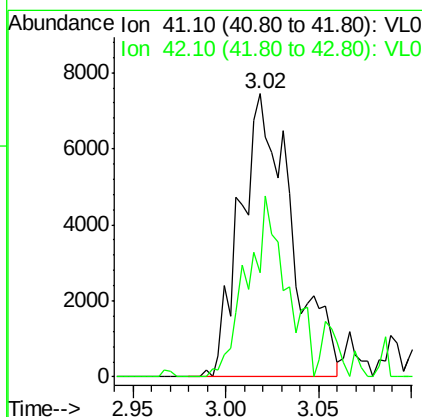
Acq: 12 Oct 2021 18:34

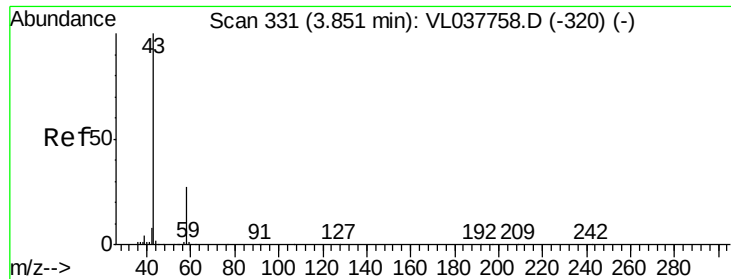
Tgt Ion: 41 Resp: 14328

Ion Ratio Lower Upper

41 100

42 8.0 54.2 81.2#



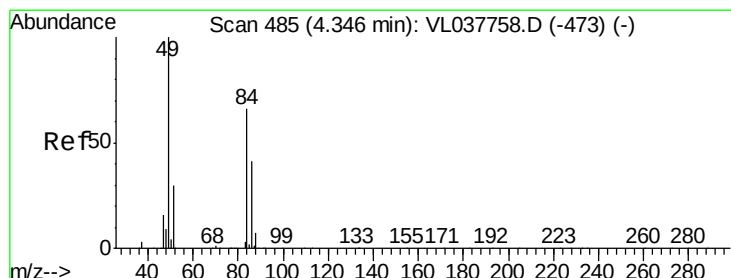
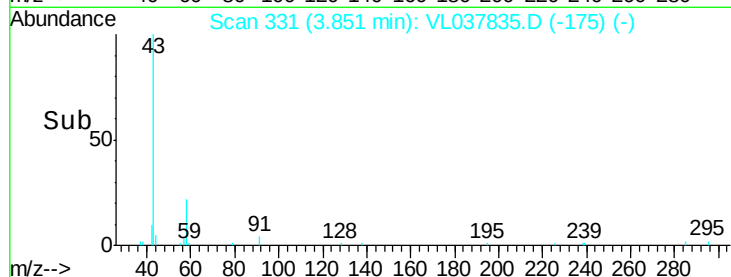
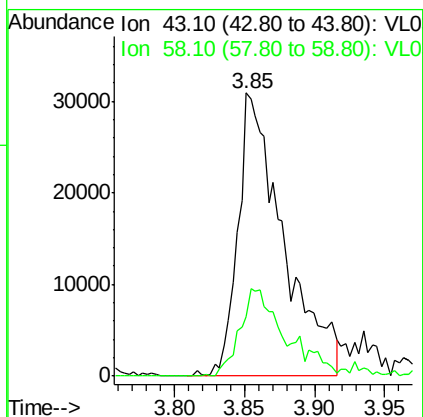
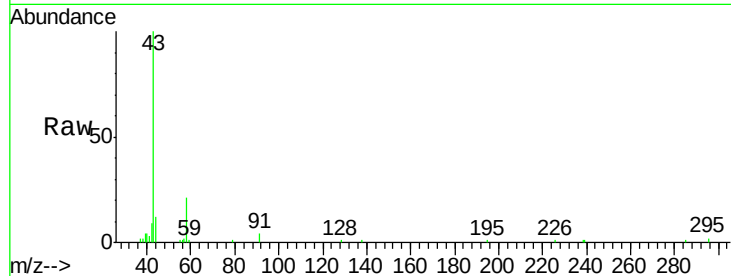


#15
Acetone
Concen: 0.615 ppbv m
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 18:34

Tot Ion:
Ion Ratio
43 100
58 31.

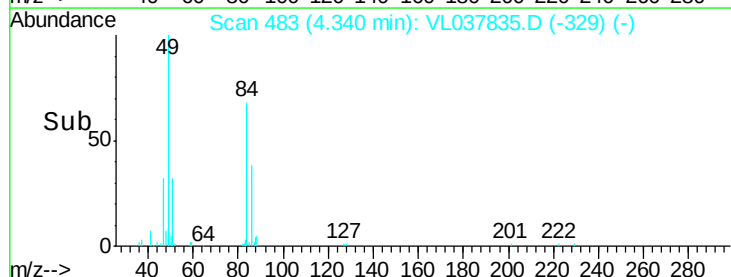
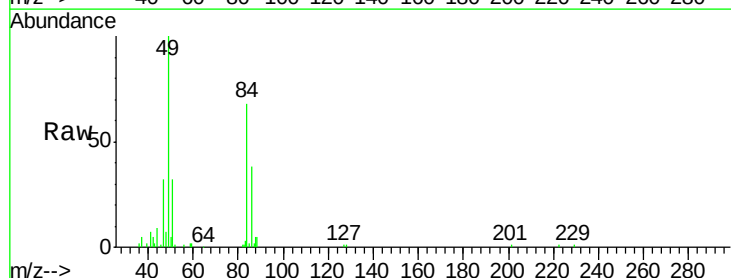
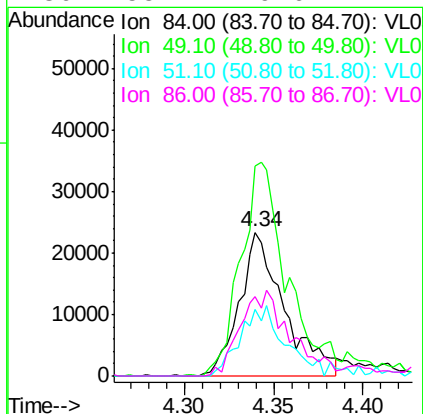
Manual Integrations
APPROVED

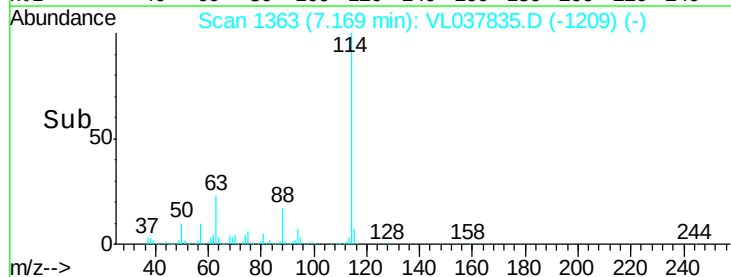
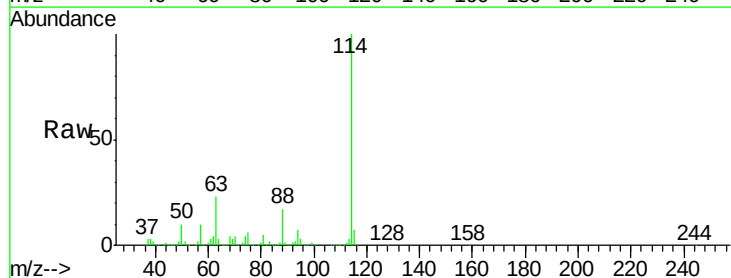
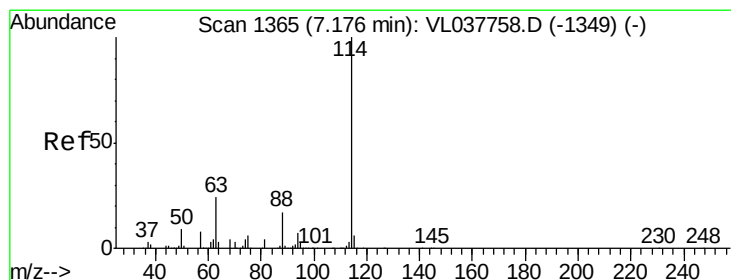
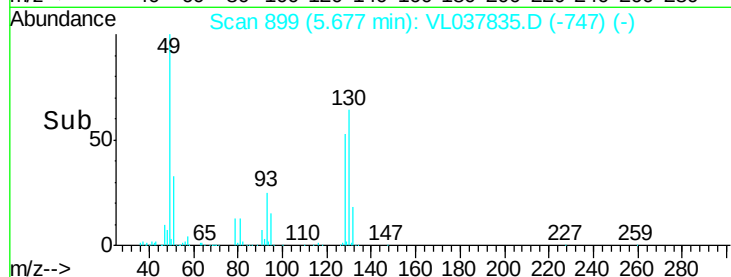
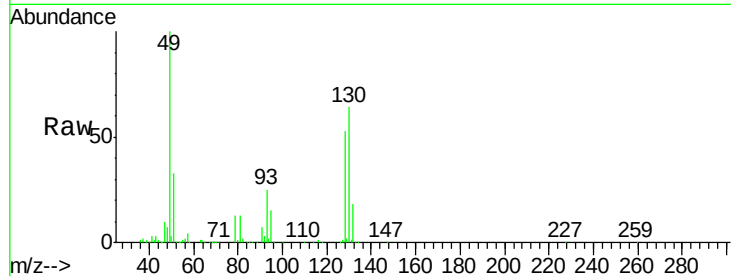
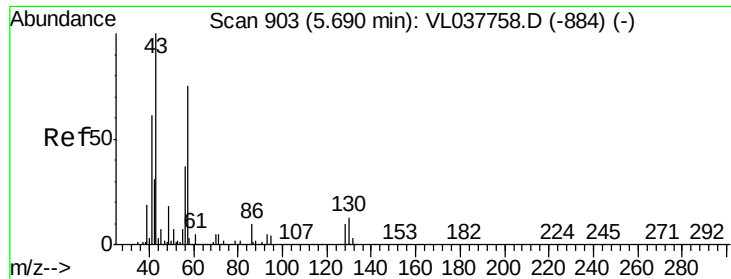
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#20
Methylene Chloride
Concen: 0.714 ppbv m
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037835.D
Acq: 12 Oct 2021 18:34

Tgt Ion: 84 Resp: 41032
Ion Ratio Lower Upper
84 100
49 146.1 120.7 181.1
51 46.1 36.2 54.4
86 55.4 49.6 74.4





#26

Hexane

Concen: 0.137 ppbv m

RT: 5.68

Delta R.T.

Lab File:

Acq: 12 Oct 2021 18:34

Instrument:

MSVOA_L

ClientSampleId:

COP04DL

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021

Tot Ion:

Ion Ratio

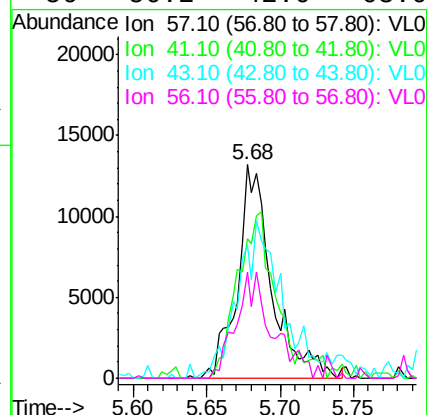
57 100

41 91.

43 102.

56 56.2

42.0 63.0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VL037835.D

Acq: 12 Oct 2021 18:34

Tgt Ion:114 Resp: 3806986

Ion Ratio Lower Upper

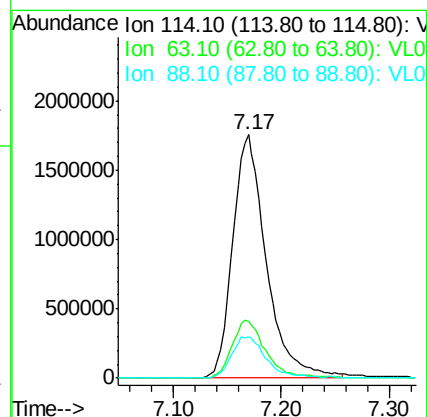
114 100

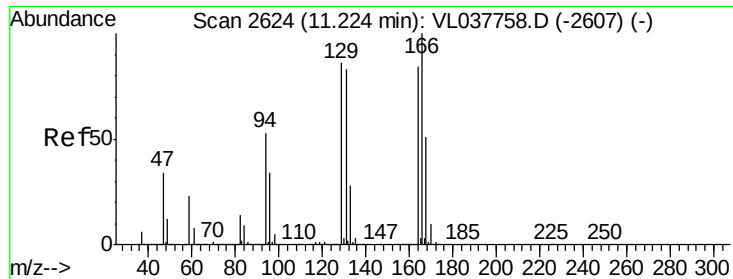
63 24.1

88 17.9

19.4 29.2

14.4 21.6





#52

Tetrachloroethene

Concen: 0.169 ppbv m

RT: 11.22

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 18:34

Tot Ion:1

Ion Ratio

164 100

166 106.

129 90.

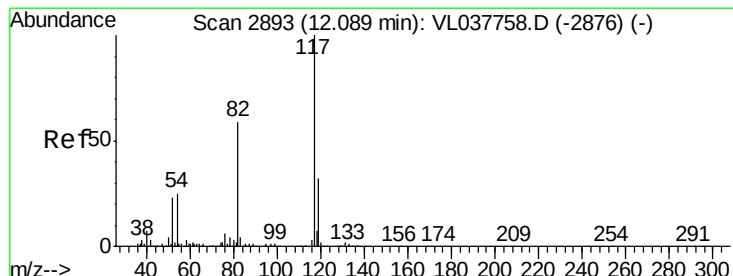
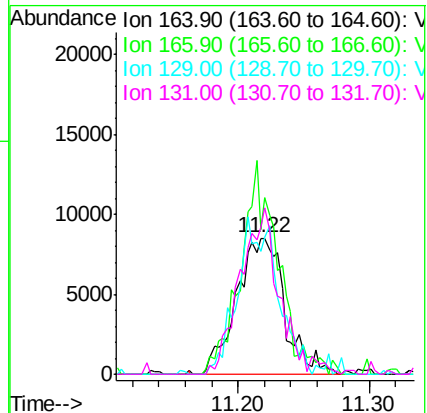
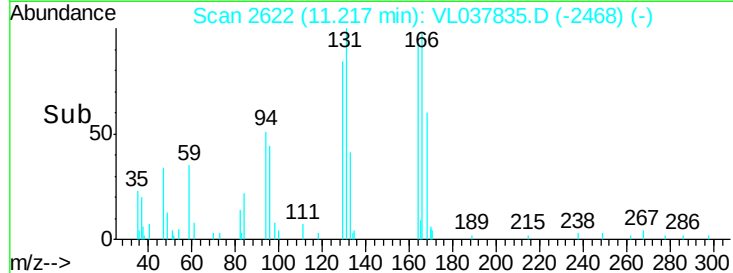
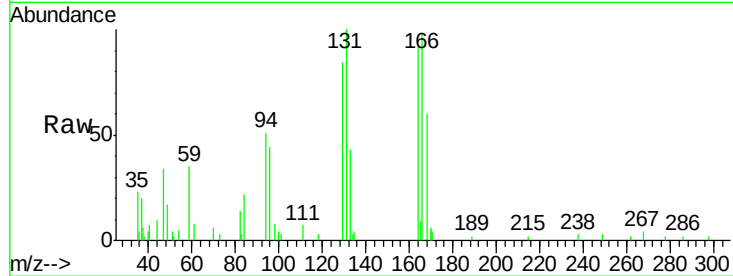
131 108.0 79.4 119.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. -0.01 min

Lab File: VL037835.D

Acq: 12 Oct 2021 18:34

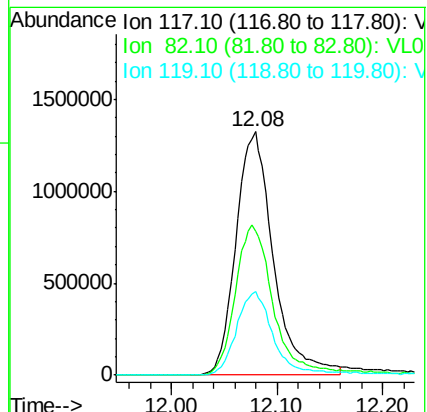
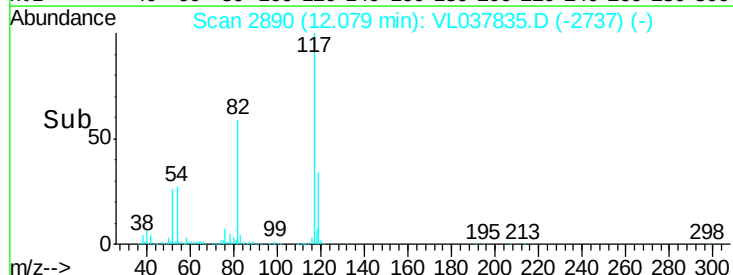
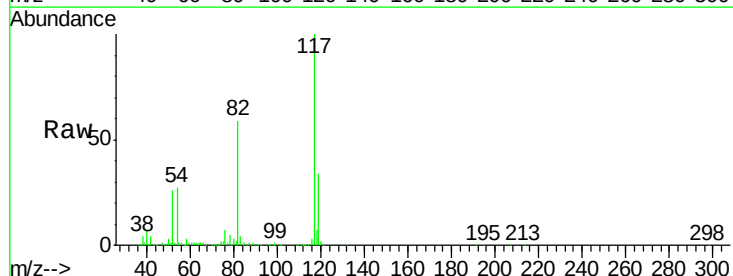
Tgt Ion:117 Resp: 3272984

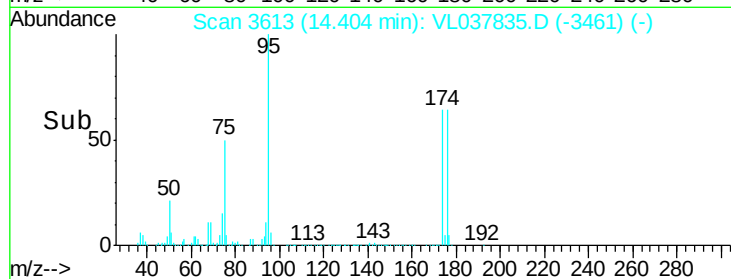
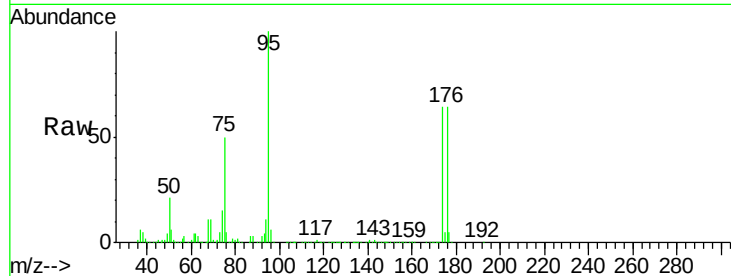
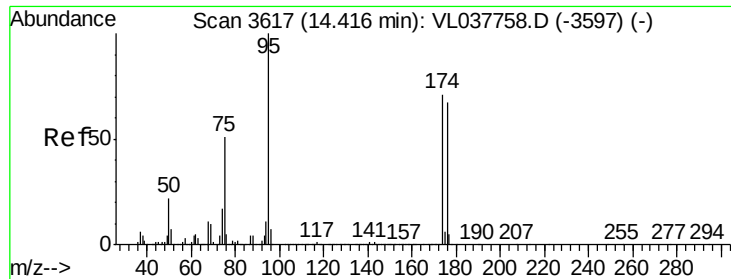
Ion Ratio Lower Upper

117 100

82 63.7 52.2 78.2

119 34.3 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.800 ppbv

RT: 14.40

Delta R.T

Lab File: ClientSampleId :

Acq: 12 Oct 2021 18:34

Tot Ion:

Ion Ratio

95 100

174 76.

175 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021

