

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
 Data File : VL037837.D
 Acq On : 12 Oct 2021 19:53
 Operator : SY/AP
 Sample : M4079-06DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 C0P48DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 02:04:32 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	1327546	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3888626	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3279339	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2313097	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	21934	0.234	ppbv	94
13) Ethanol	3.61	45	46614m	6.073	ppbv	
15) Acetone	3.85	43	275164	2.309	ppbv	99
20) Methylene Chloride	4.34	84	136830	2.272	ppbv	97
26) Hexane	5.68	57	83731	0.508	ppbv #	43
34) 2-Butanone	5.25	43	38896m	0.248	ppbv	
52) Tetrachloroethene	11.22	164	864758m	6.692	ppbv	

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

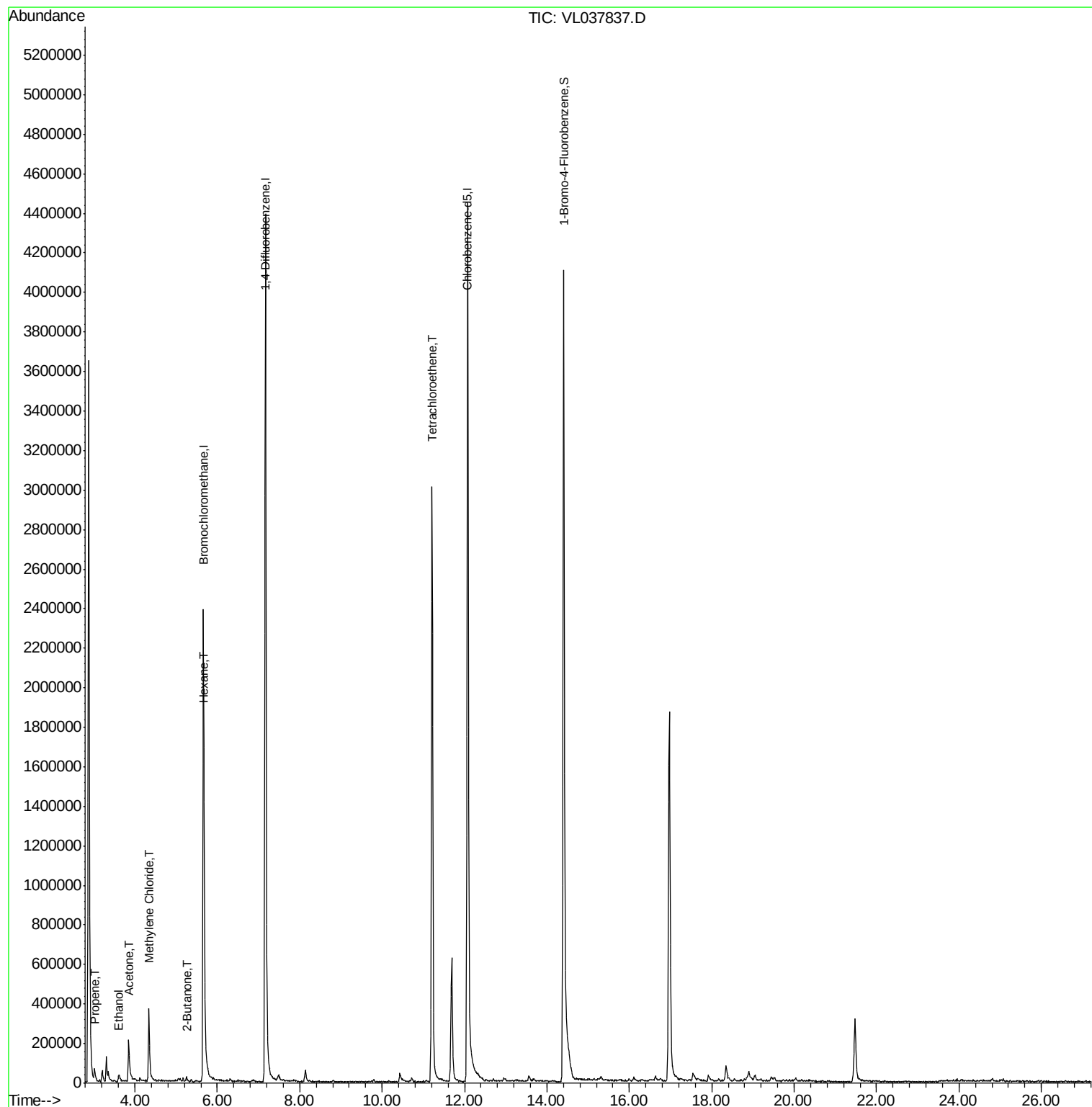
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101221\
Data File : VL037837.D
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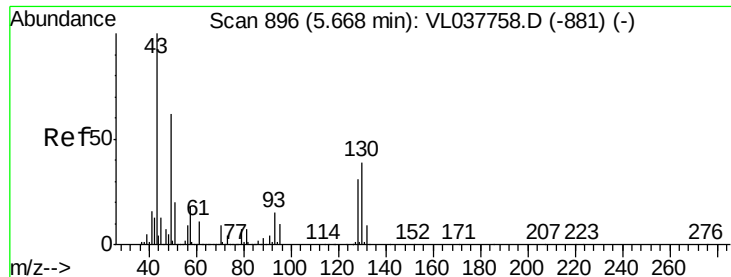
Instrument :
MSVOA_L
ClientSampleId :
C0P48DL

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Quant Time: Oct 14 02:04:32 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: C0P48DL

Acq: 12 Oct 2021 19:55

Tot Ion:

Ion Ratio

49 100

128 54.1

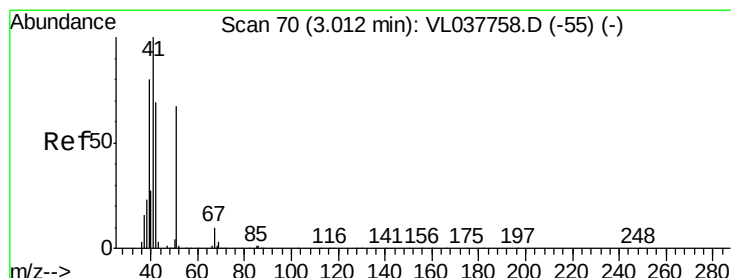
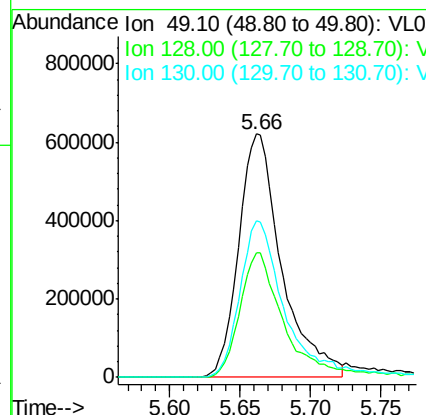
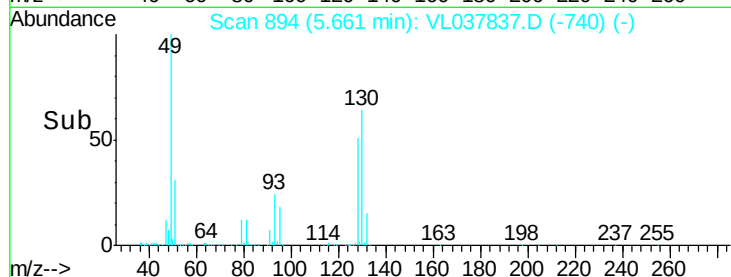
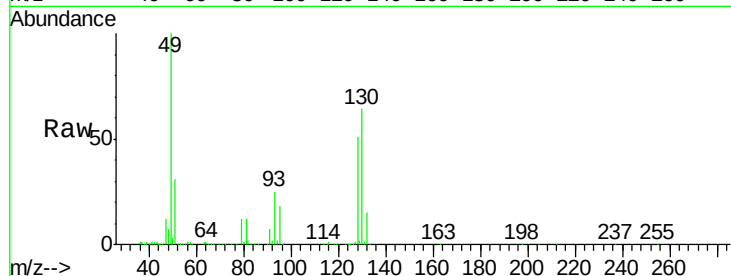
130 69.1

Manual Integrations

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Supervised By :Mahesh Dadoda 10/15/2021



#9

Propene

Concen: 0.234 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL037837.D

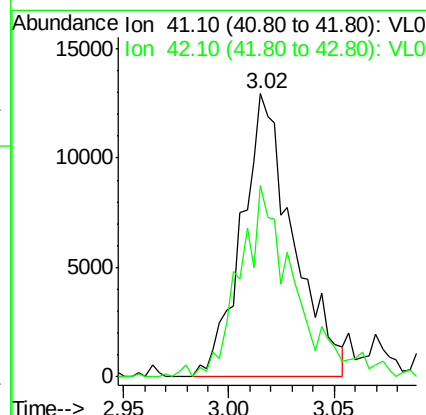
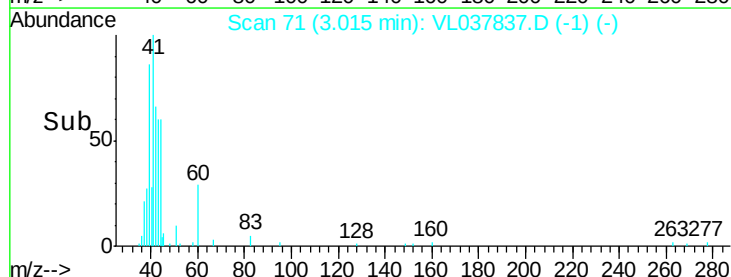
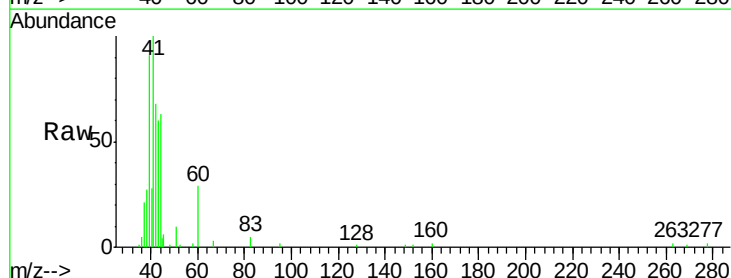
Acq: 12 Oct 2021 19:53

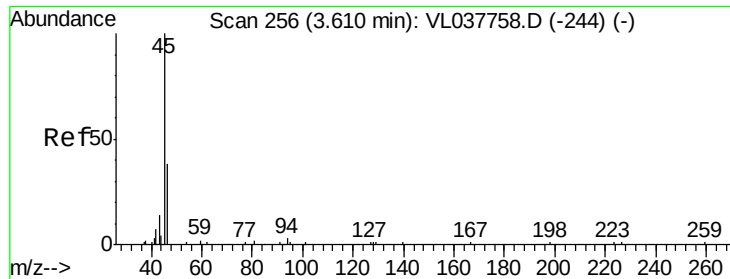
Tgt Ion: 41 Resp: 21934

Ion Ratio Lower Upper

41 100

42 72.7 54.2 81.2



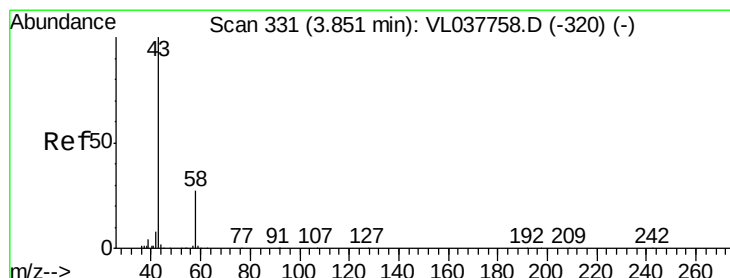
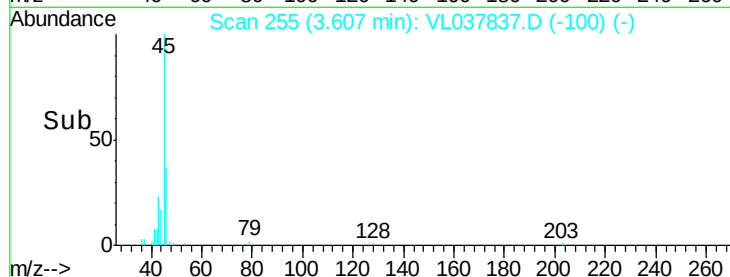
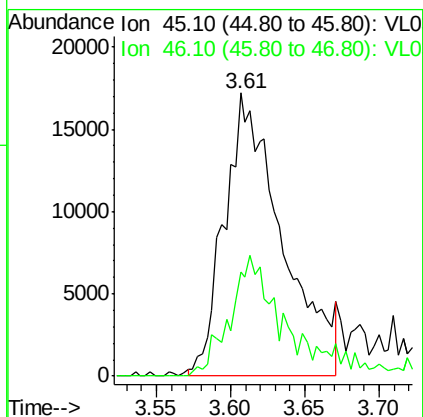
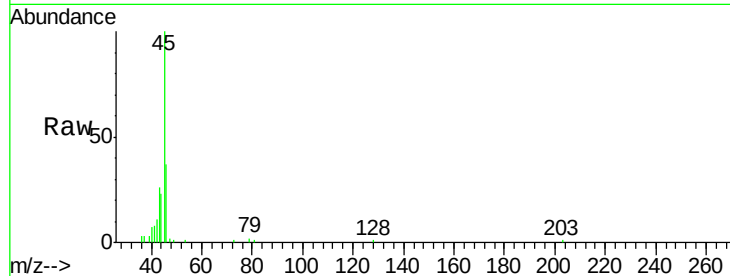


#13
Ethanol
Concen: 6.073 ppbv m
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 19:55

Tot Ion:
Ion Ratio
45 100
46 34.

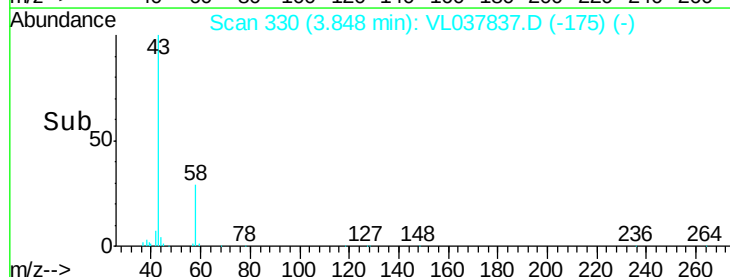
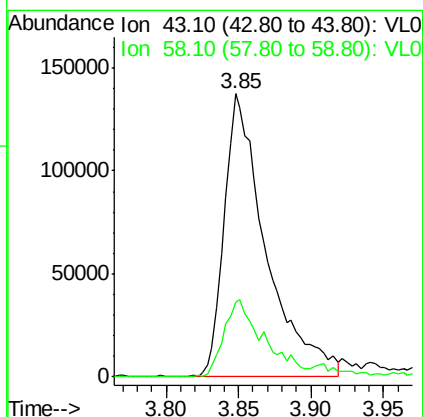
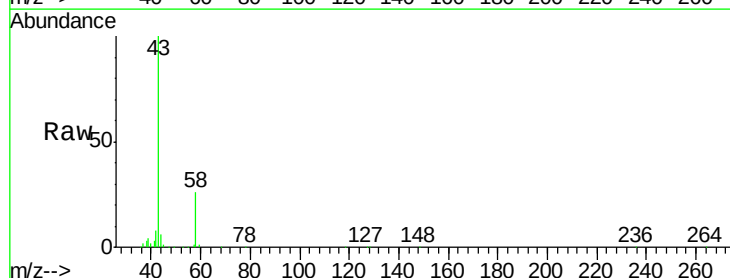
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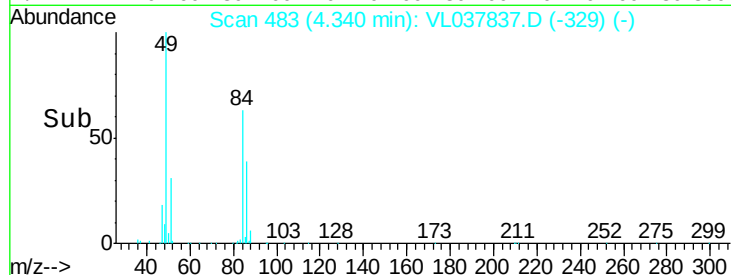
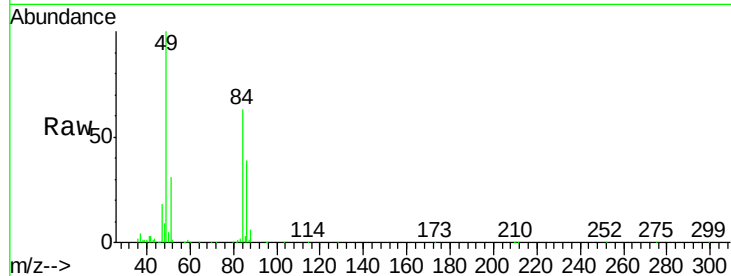
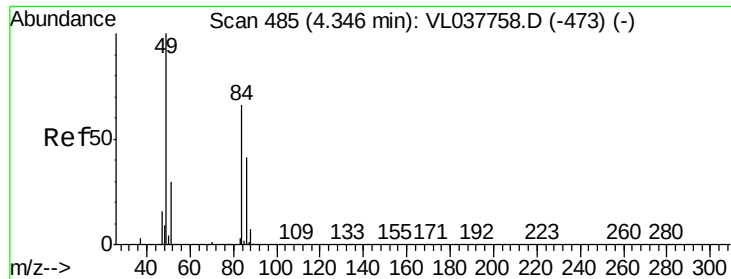
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#15
Acetone
Concen: 2.309 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL037837.D
Acq: 12 Oct 2021 19:53

Tgt Ion: 43 Resp: 275164
Ion Ratio Lower Upper
43 100
58 29.4 23.0 34.6



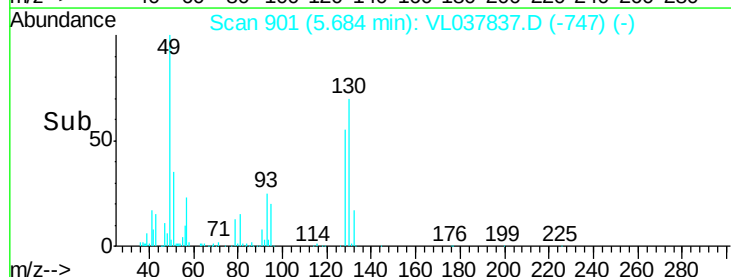
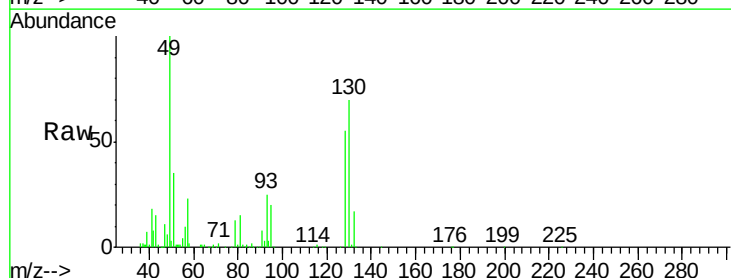
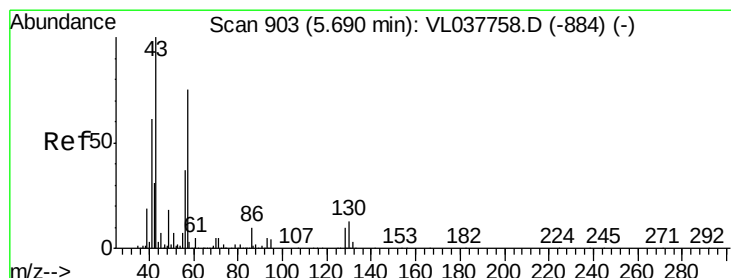
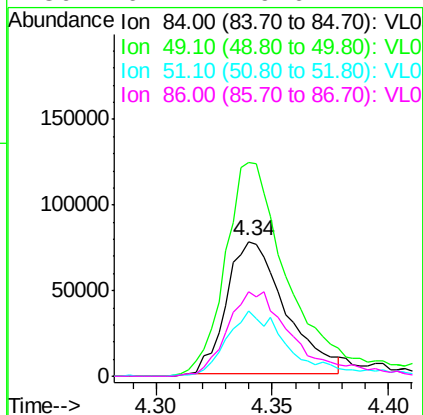


#20
Methvlene Chloride
Concen: 2.272 ppbv
RT: 4.34
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 19:55

Tot Ion:
Ion Ratio
84 100
49 155.
51 47.
86 61.1 49.6 74.4

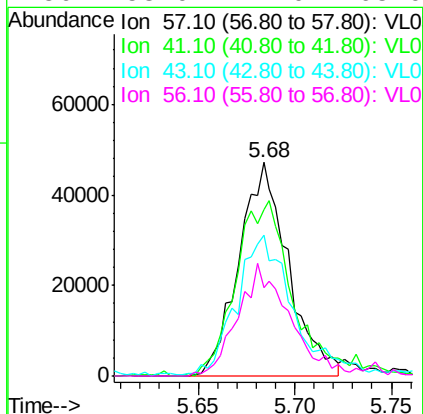
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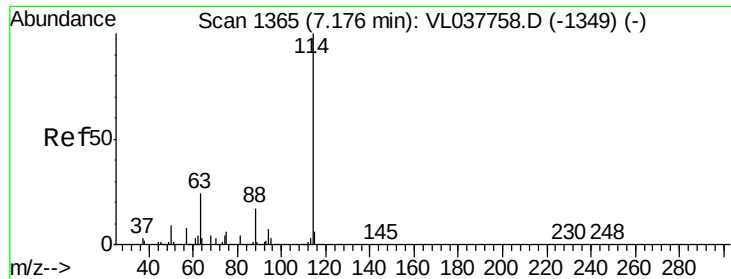
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#26
Hexane
Concen: 0.508 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL037837.D
Acq: 12 Oct 2021 19:53

Tgt Ion: 57 Resp: 83731
Ion Ratio Lower Upper
57 100
41 96.7 69.6 104.4
43 75.9 171.4 257.0#
56 58.0 42.0 63.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 19:55

Tot Ion:1

Ion Rati

114 100

63 24.

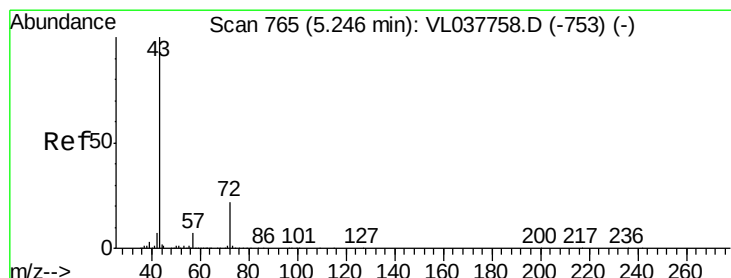
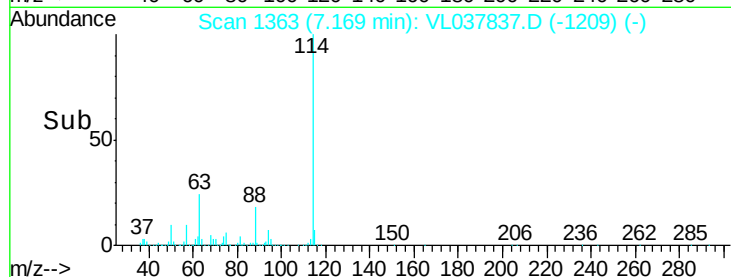
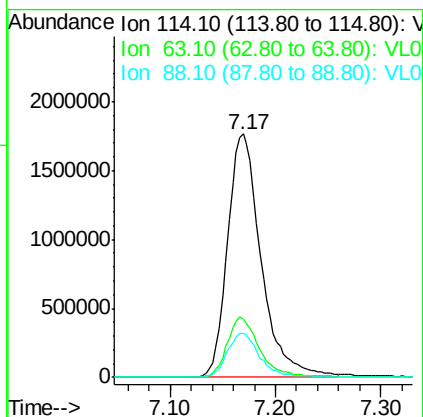
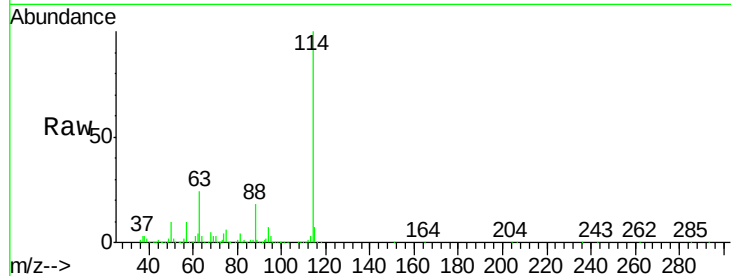
88 17.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/14/2021

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#34

2-Butanone

Concen: 0.248 ppbv m

RT: 5.25 min Scan# 766

Delta R.T. 0.00 min

Lab File: VL037837.D

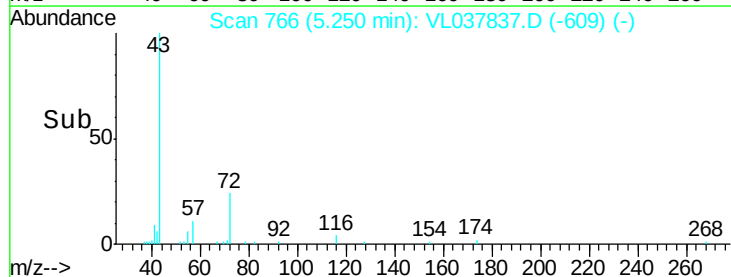
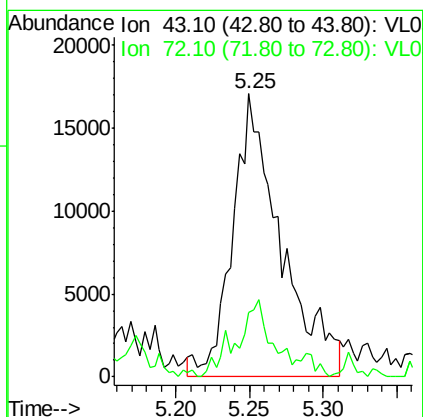
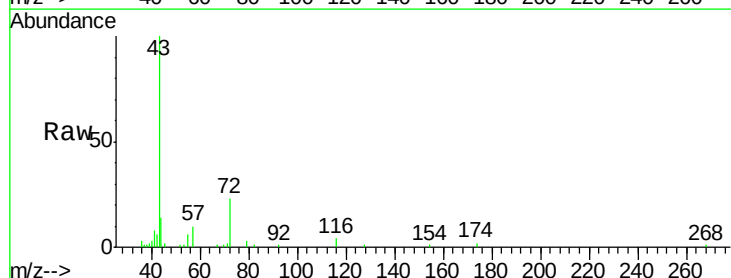
Acq: 12 Oct 2021 19:53

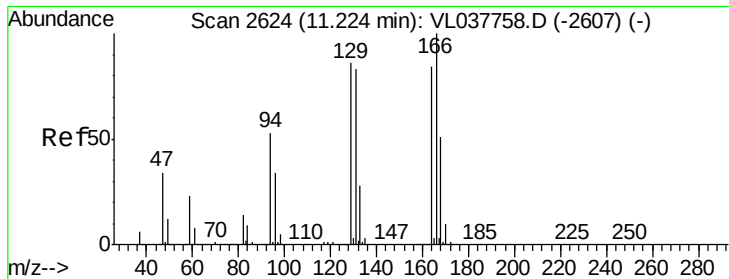
Tgt Ion: 43 Resp: 38896

Ion Ratio Lower Upper

43 100

72 23.3 18.2 27.2





#52

Tetrachloroethene

Concen: 6.692 ppbv m

RT: 11.22

Delta R.T. MSVOA_L

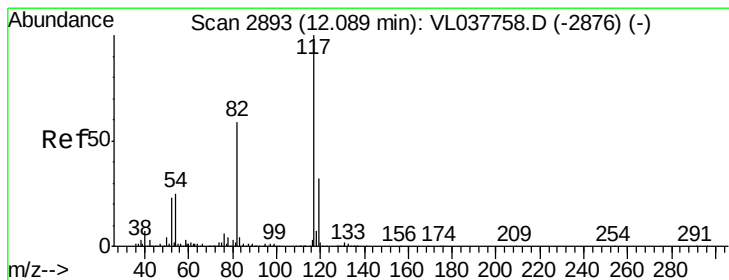
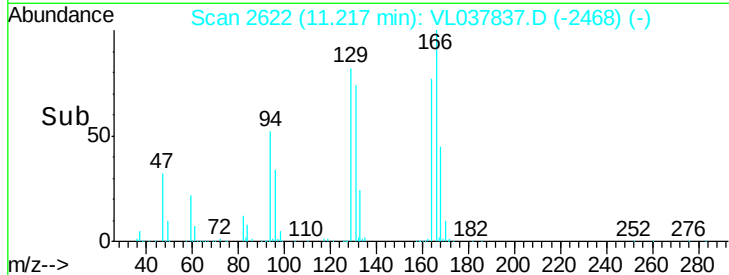
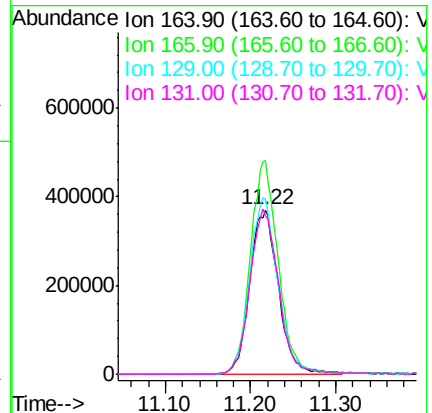
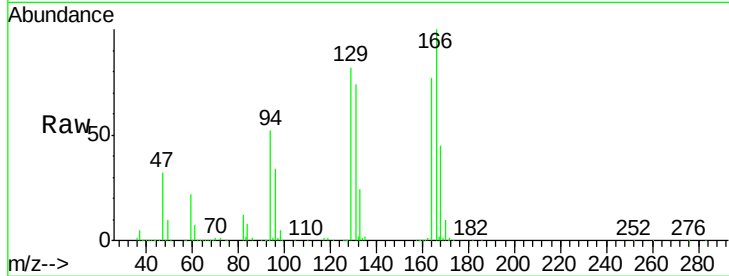
Lab File: ClientSampleId :

Acq: 12 Oct 2021 19:53

Tot Ion:1
Ion Ratio
164 100
166 130.
129 106.
131 96.8 79.4 119.2

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

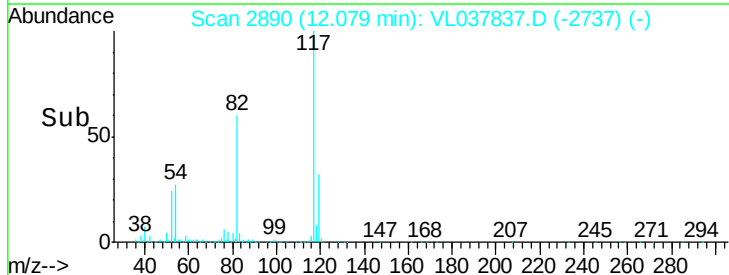
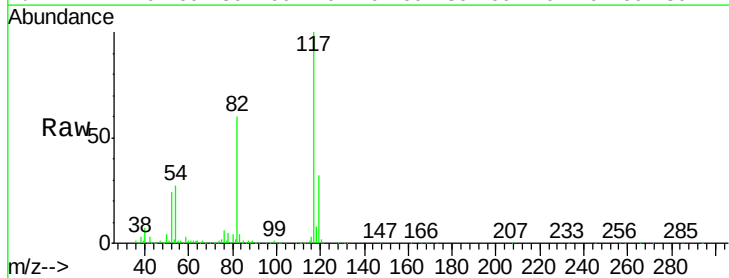
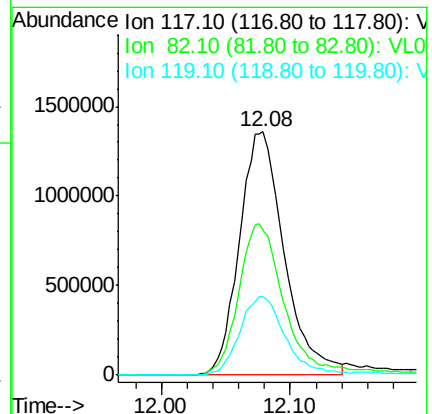
RT: 12.08 min Scan# 2890

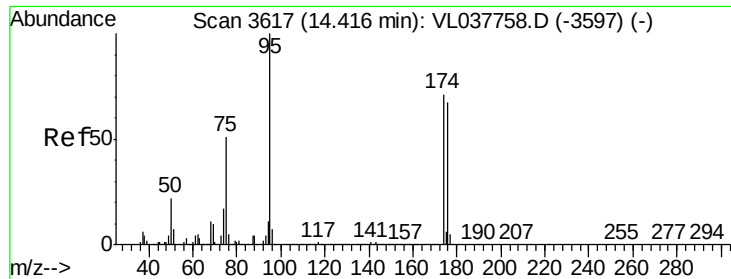
Delta R.T. -0.01 min

Lab File: VL037837.D

Acq: 12 Oct 2021 19:53

Tgt Ion:117 Resp: 3279339
Ion Ratio Lower Upper
117 100
82 64.9 52.2 78.2
119 34.1 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.087 ppbv

RT: 14.41

Delta R.T

Lab File: ClientSampleId :

COP48DL

Acq: 12 Oct 2021 19:33

Tot Ion:

Ion Ratio

95 100

174 75.

175 5.

Manual Integrations

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