

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037919.D
 Acq On : 27 Oct 2021 17:01
 Operator : SY/AP
 Sample : M4377-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VMP-5-MANIFOLDDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021

Quant Time: Oct 28 06:55:56 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	5.68	49	1418372	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	4037483	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	3453222	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2331567	9.66	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.60%

Target Compounds

					Ovalue
9) Propene	3.22	41	262447	2.617 ppbv	94
13) Ethanol	3.62	45	606969m	74.014 ppbv	
15) Acetone	3.87	43	157171m	1.234 ppbv	
19) Isopropyl Alcohol	3.99	45	249747m	3.153 ppbv	
20) Methylene Chloride	4.36	84	70230	1.092 ppbv	87
26) Hexane	5.70	57	47100m	0.268 ppbv	
29) Chloroform	5.76	83	58051	0.231 ppbv	97
34) 2-Butanone	5.27	43	22732m	0.139 ppbv	
41) Tetrahydrofuran	6.09	42	7960m	0.100 ppbv	

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

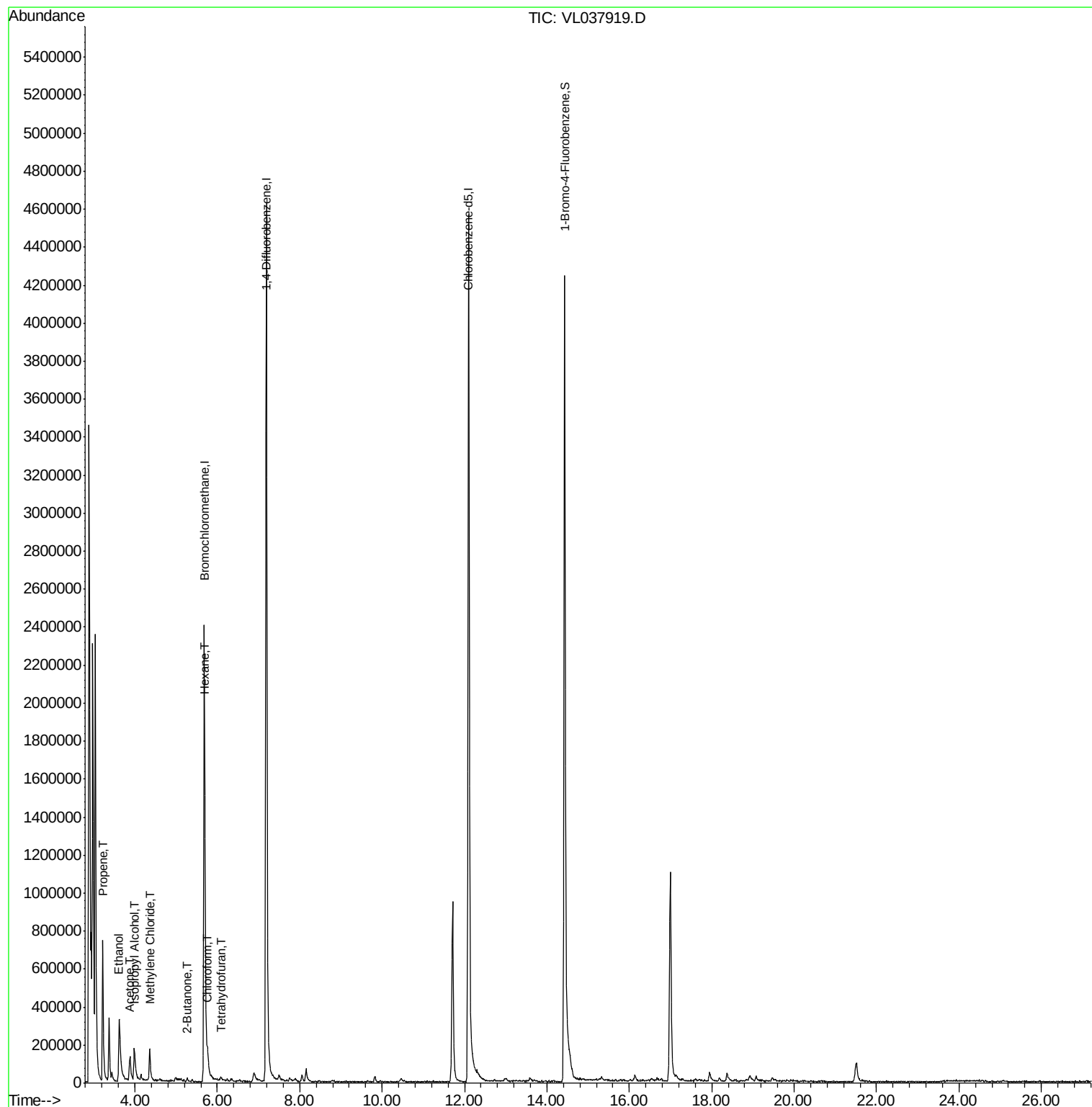
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Data File : VL037919.D
Acq On : 27 Oct 2021 17:01
Operator : SY/AP
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Misc : 400mL/MSVOA L
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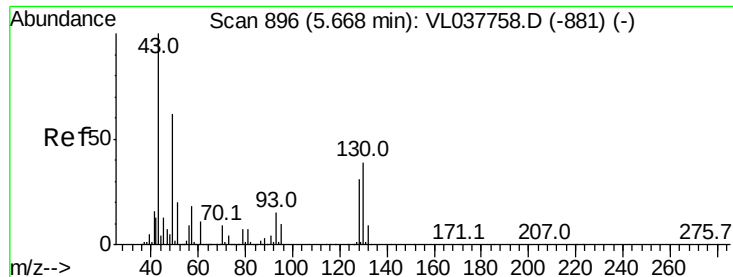
Instrument :
MSVOA_L
ClientSampleId :
VMP-5-MANIFOLDDL

Manual Integrations
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Quant Time: Oct 28 06:55:56 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

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Supervised By :Mahesh Dadoda 10/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 17:01

Tot Ion:

Ion Ratio

49 100

128 53.

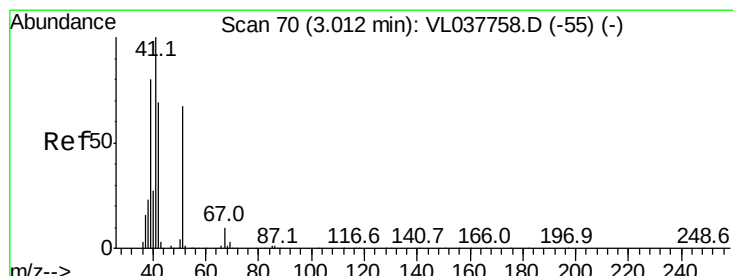
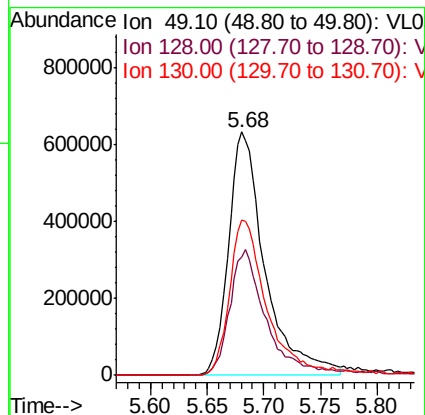
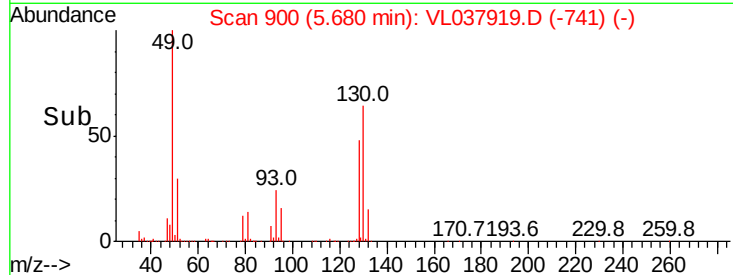
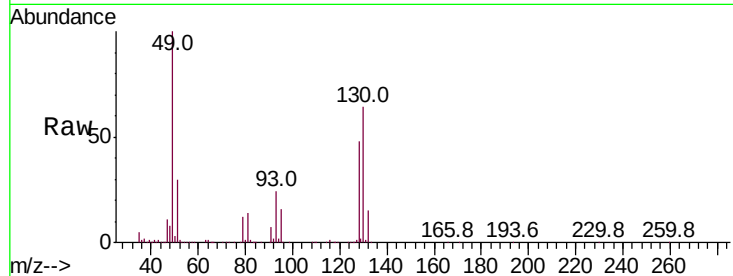
130 67.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#9

Propene

Concen: 2.617 ppbv

RT: 3.22 min Scan# 134

Delta R.T. 0.21 min

Lab File: VL037919.D

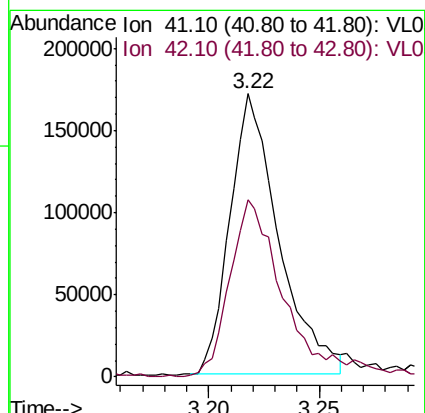
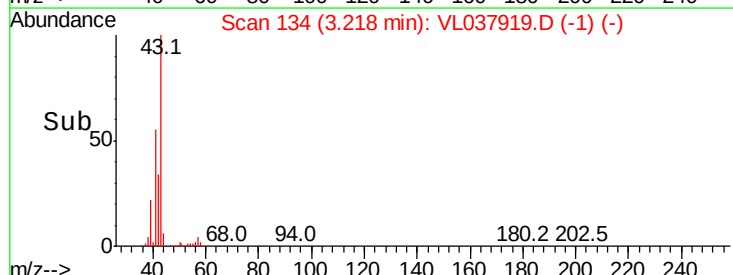
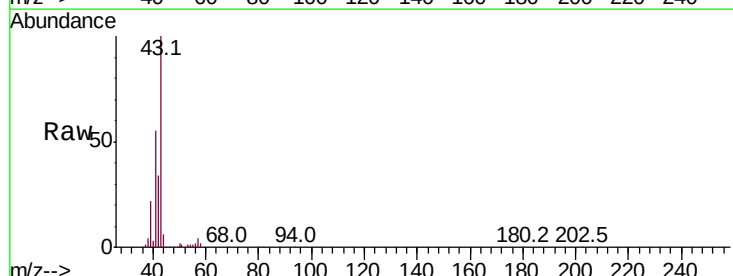
Acq: 27 Oct 2021 17:01

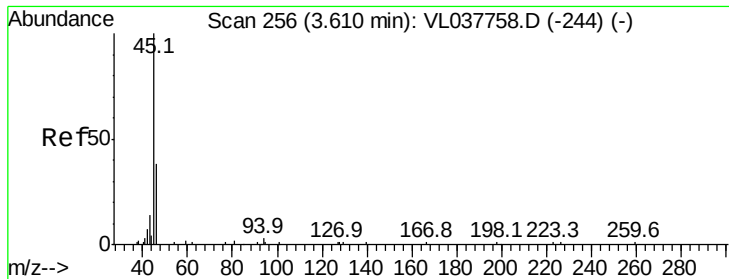
Tgt Ion: 41 Resp: 262447

Ion Ratio Lower Upper

41 100

42 72.4 54.2 81.2



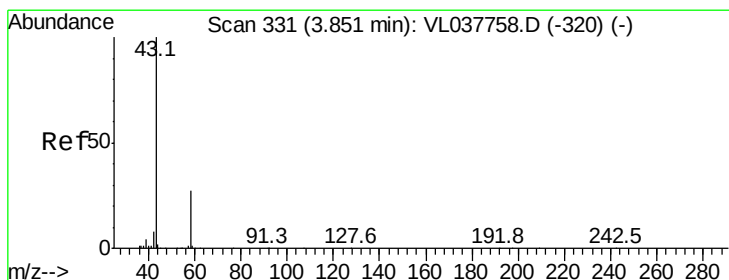
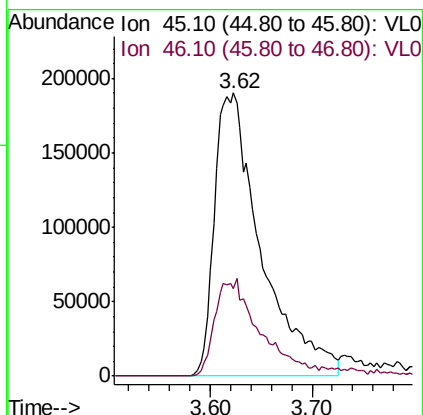
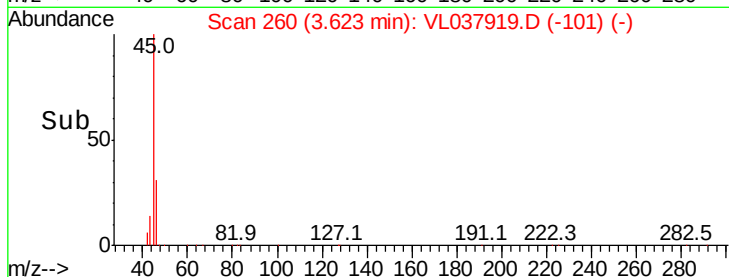
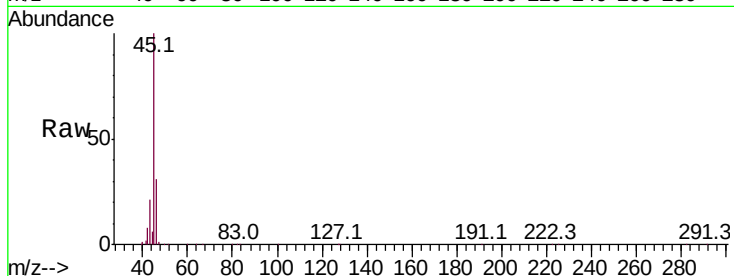


#13
Ethanol
Concen: 74.014 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Oct 2021 17:01 VMP-5-MANIFOLD.DL

Tot Ion:
Ion Ratio
45 100
46 33.

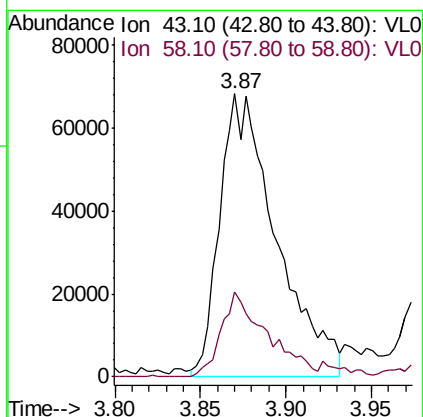
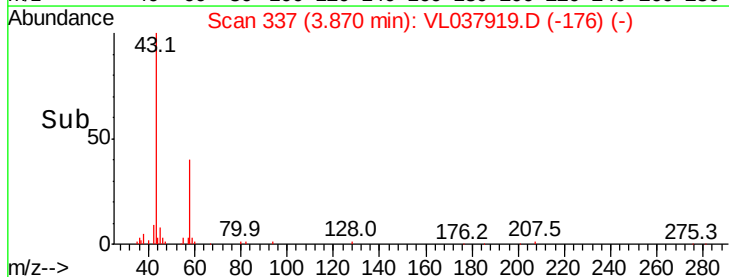
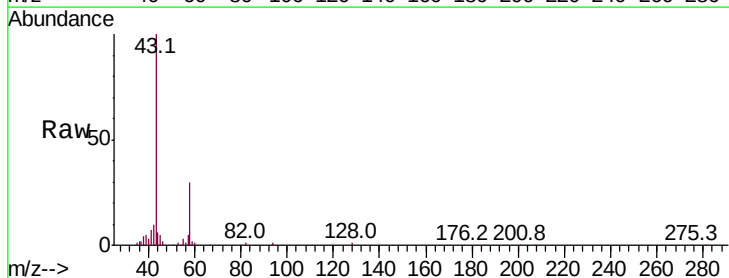
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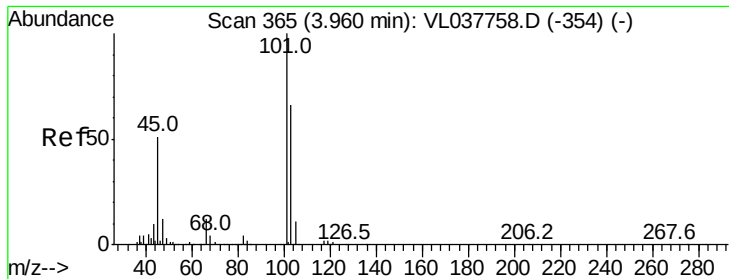
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#15
Acetone
Concen: 1.234 ppbv m
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL037919.D
Acq: 27 Oct 2021 17:01

Tgt Ion: 43 Resp: 157171
Ion Ratio Lower Upper
43 100
58 26.5 23.0 34.6





#19

Isopropyl Alcohol

Concen: 3.153 ppbv m

RT: 3.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 17:01 VMP-5-MANIFOLD.DL

Tot Ion:

Ion Ratio

45 100

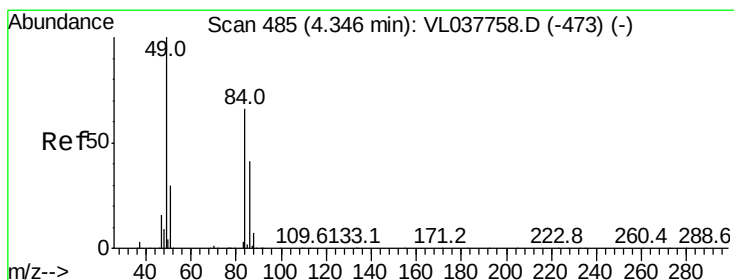
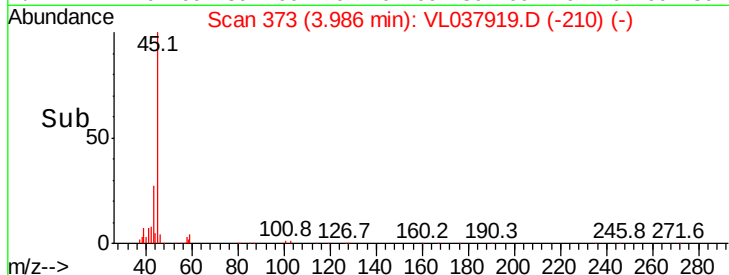
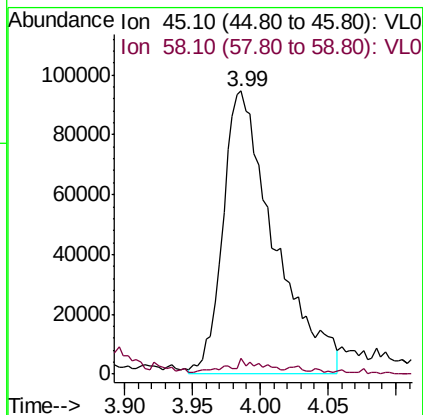
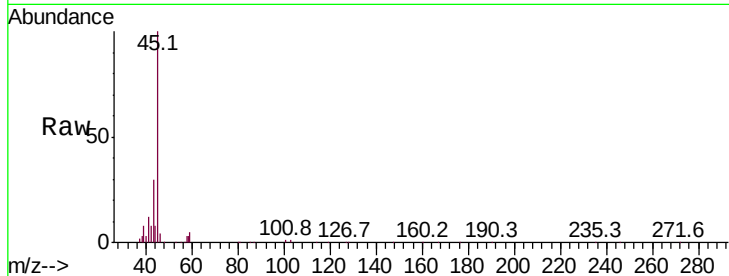
58 5.

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Supervised By :Mahesh Dadoda 10/29/2021



#20

Methylene Chloride

Concen: 1.092 ppbv

RT: 4.36 min Scan# 489

Delta R.T. 0.01 min

Lab File: VL037919.D

Acq: 27 Oct 2021 17:01

Tgt Ion: 84 Resp: 70230

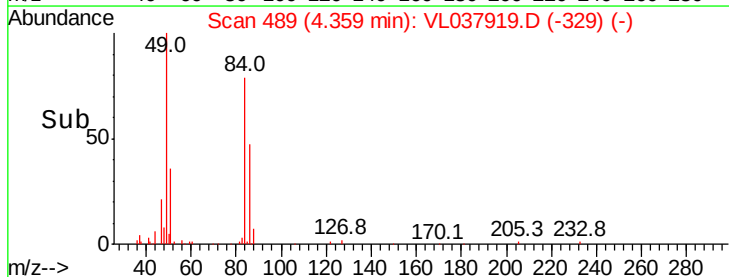
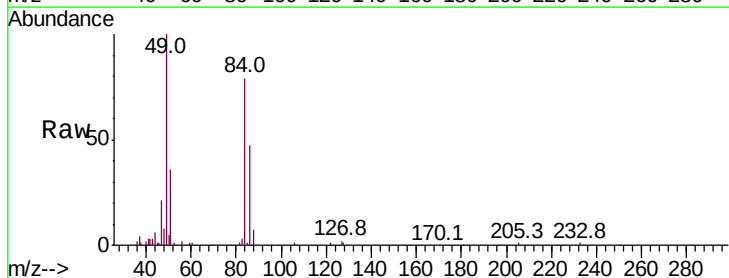
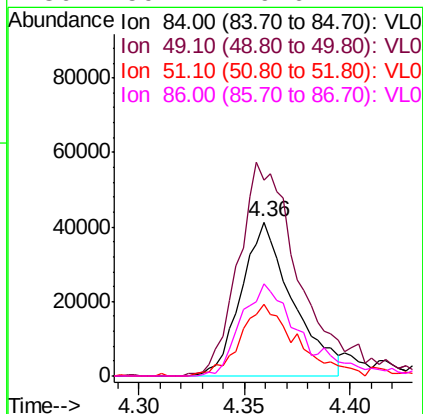
Ion Ratio Lower Upper

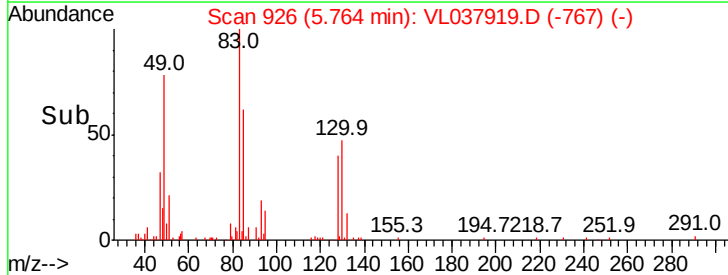
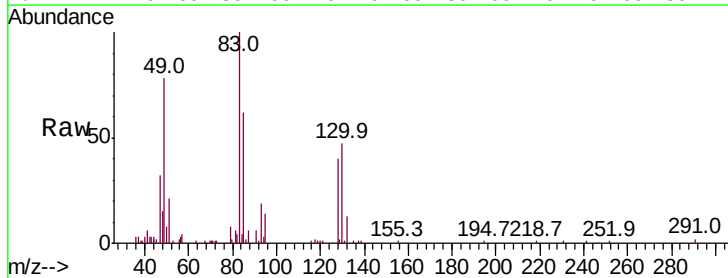
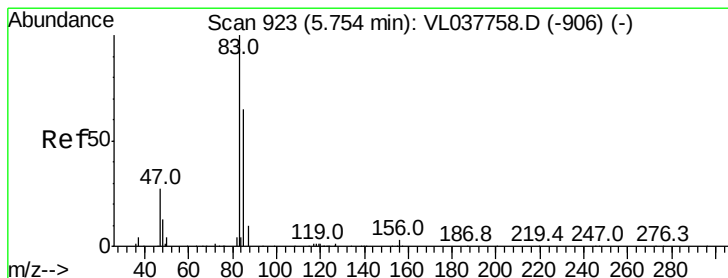
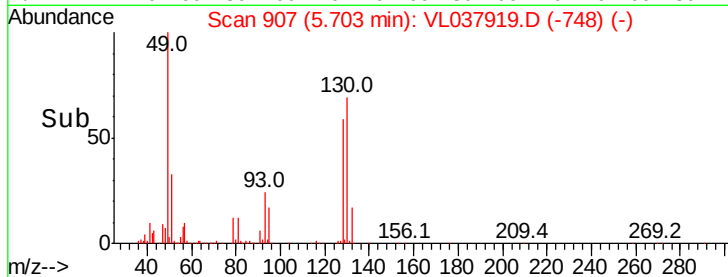
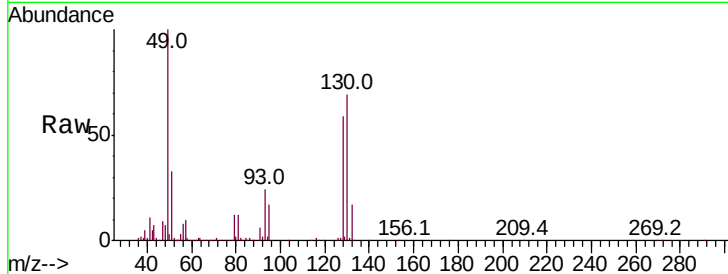
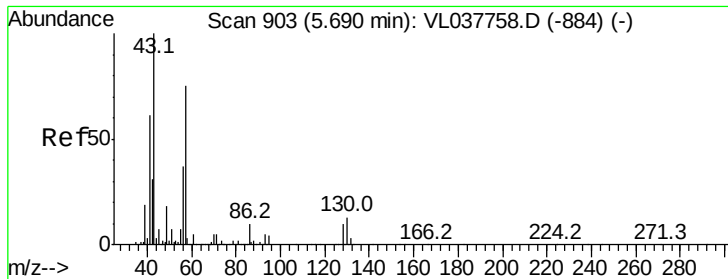
84 100

49 125.6 120.7 181.1

51 46.1 36.2 54.4

86 59.4 49.6 74.4





#26

Hexane

Concen: 0.268 ppbv m

RT: 5.70

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 17:01 VMP-5-MANIFOLD.DL

Tot Ion:

Ion Ratio

57 100

41 111.

43 97.

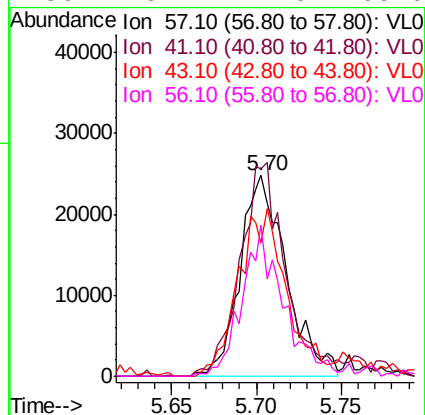
56 70.1 42.0 63.0#

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Supervised By :Mahesh Dadoda 10/29/2021



#29

Chloroform

Concen: 0.231 ppbv

RT: 5.76 min Scan# 926

Delta R.T. 0.01 min

Lab File: VL037919.D

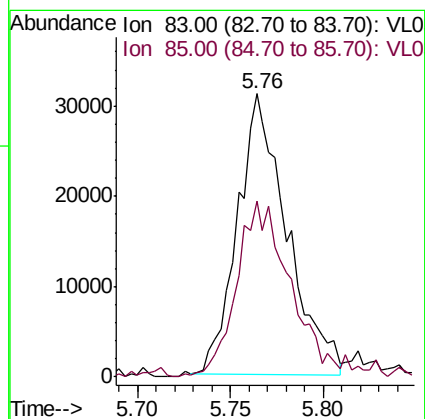
Acq: 27 Oct 2021 17:01

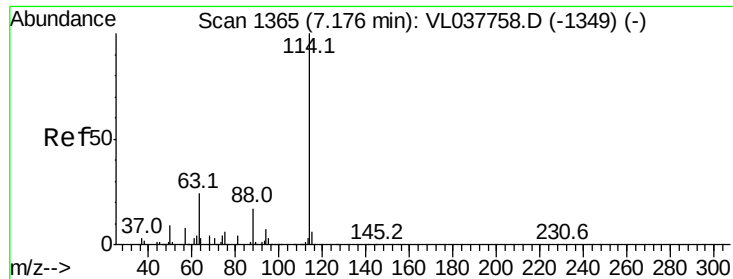
Tgt Ion: 83 Resp: 58051

Ion Ratio Lower Upper

83 100

85 62.1 51.8 77.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 17:01

Tot Ion:1

Ion Rati

114 100

63 24.

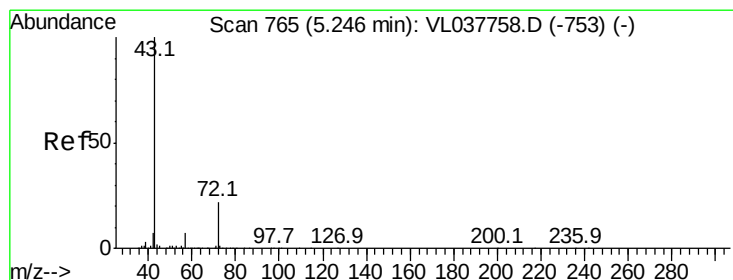
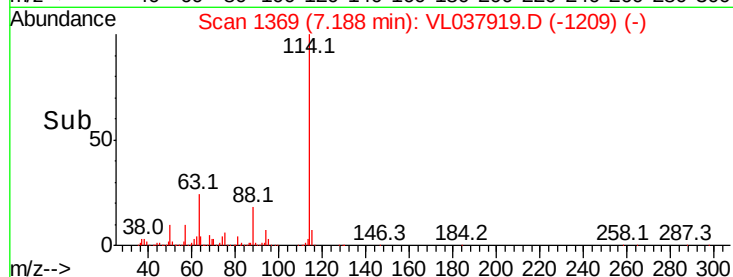
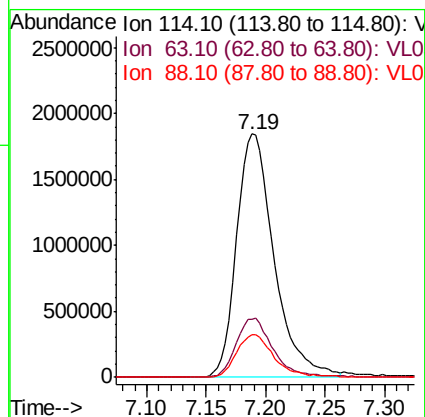
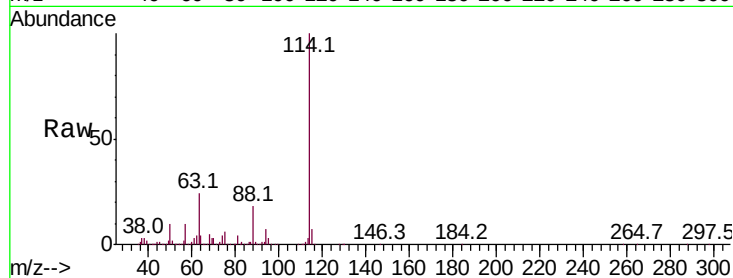
88 17.

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#34

2-Butanone

Concen: 0.139 ppbv m

RT: 5.27 min Scan# 772

Delta R.T. 0.02 min

Lab File: VL037919.D

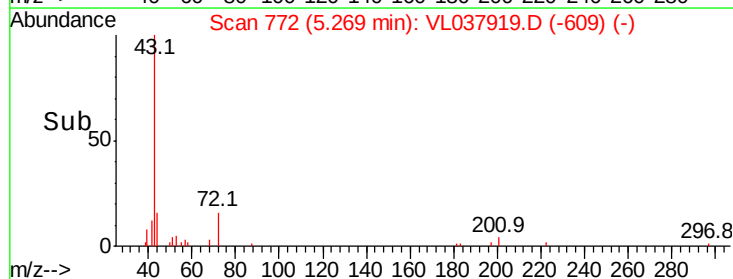
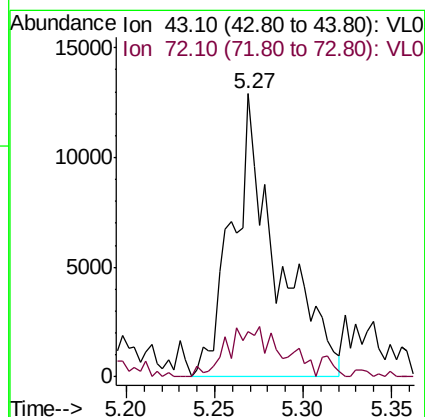
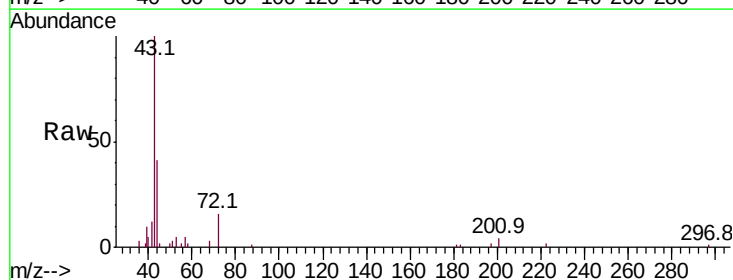
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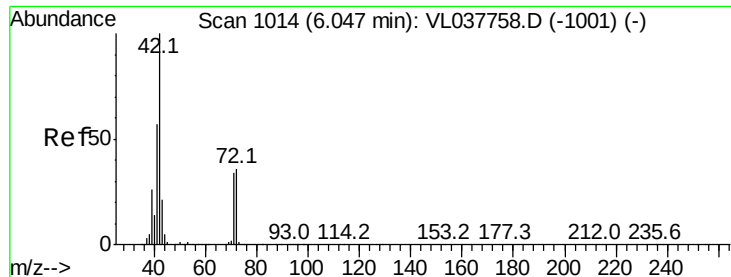
Tgt Ion: 43 Resp: 22732

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.2#



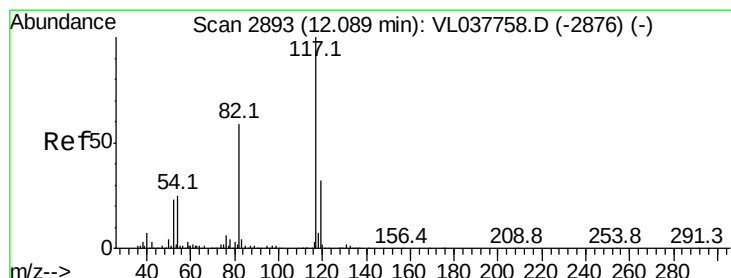
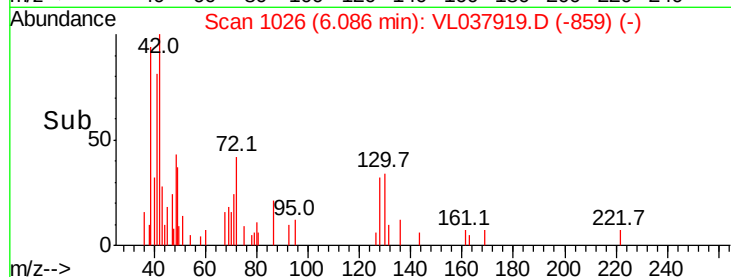
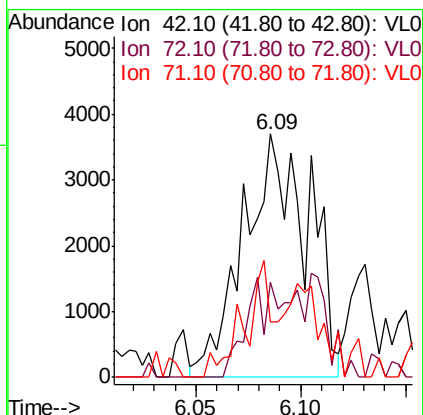
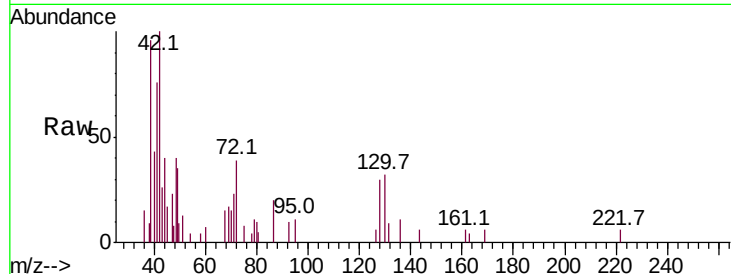


#41
Tetrahydrofuran
Concen: 0.100 ppbv m
RT: 6.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VMP-5-MANIFOLD.DL
Acq: 27 Oct 2021 17:01

Tot Ion:
Ion Ratio
42 100
72 0.
71 0.

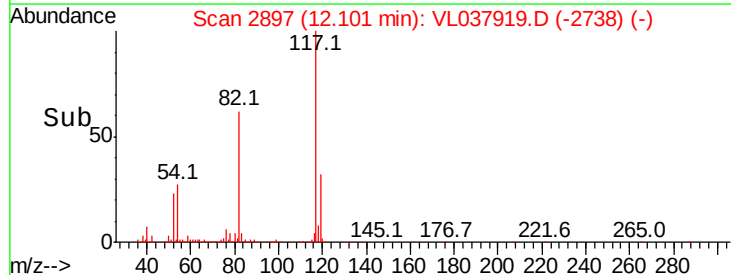
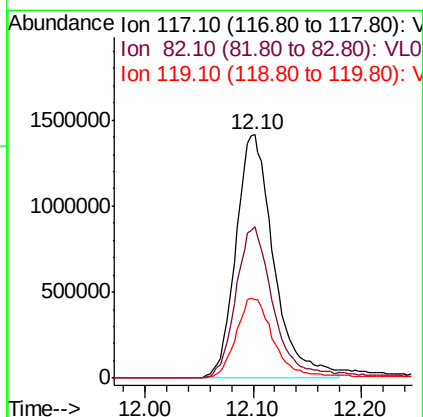
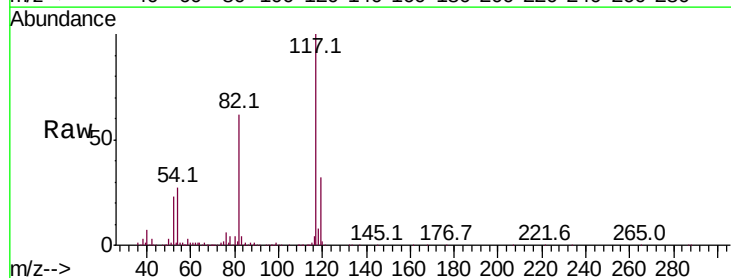
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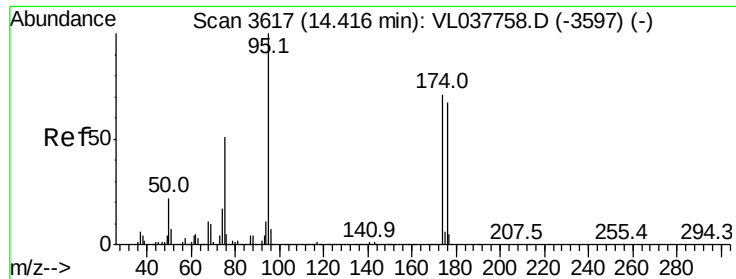
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL037919.D
Acq: 27 Oct 2021 17:01

Tgt Ion:117 Resp: 3453222
Ion Ratio Lower Upper
117 100
82 65.4 52.2 78.2
119 34.1 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.655 ppbv

RT: 14.43

Delta R.T

Lab File: ClientSampleId :

Acq: 27 Oct 2021 17:01

Tot Ion:

Ion Ratio

95 100

174 76.

175 5.

Manual Integrations

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