

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038105.D
 Acq On : 23 Nov 2021 18:39
 Operator : SY/AP
 Sample : M4805-07DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-CURATED-HOMEDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 28 11:58:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	964948	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2708957	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2348341	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1788271	10.56	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	40926m	0.548	ppbv	
11) Trichlorofluoromethane	3.95	101	24153	0.159	ppbv #	83
13) Ethanol	3.60	45	2241556	310.806	ppbv	92
15) Acetone	3.85	43	608446	7.273	ppbv	98
19) Isopropyl Alcohol	3.97	45	4813821	79.634	ppbv #	98
25) Ethyl Acetate	5.67	43	245961	0.885	ppbv #	95
29) Chloroform	5.74	83	34399m	0.174	ppbv	
34) 2-Butanone	5.25	43	17589m	0.161	ppbv	
53) Toluene	9.79	91	65191	0.210	ppbv	94

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

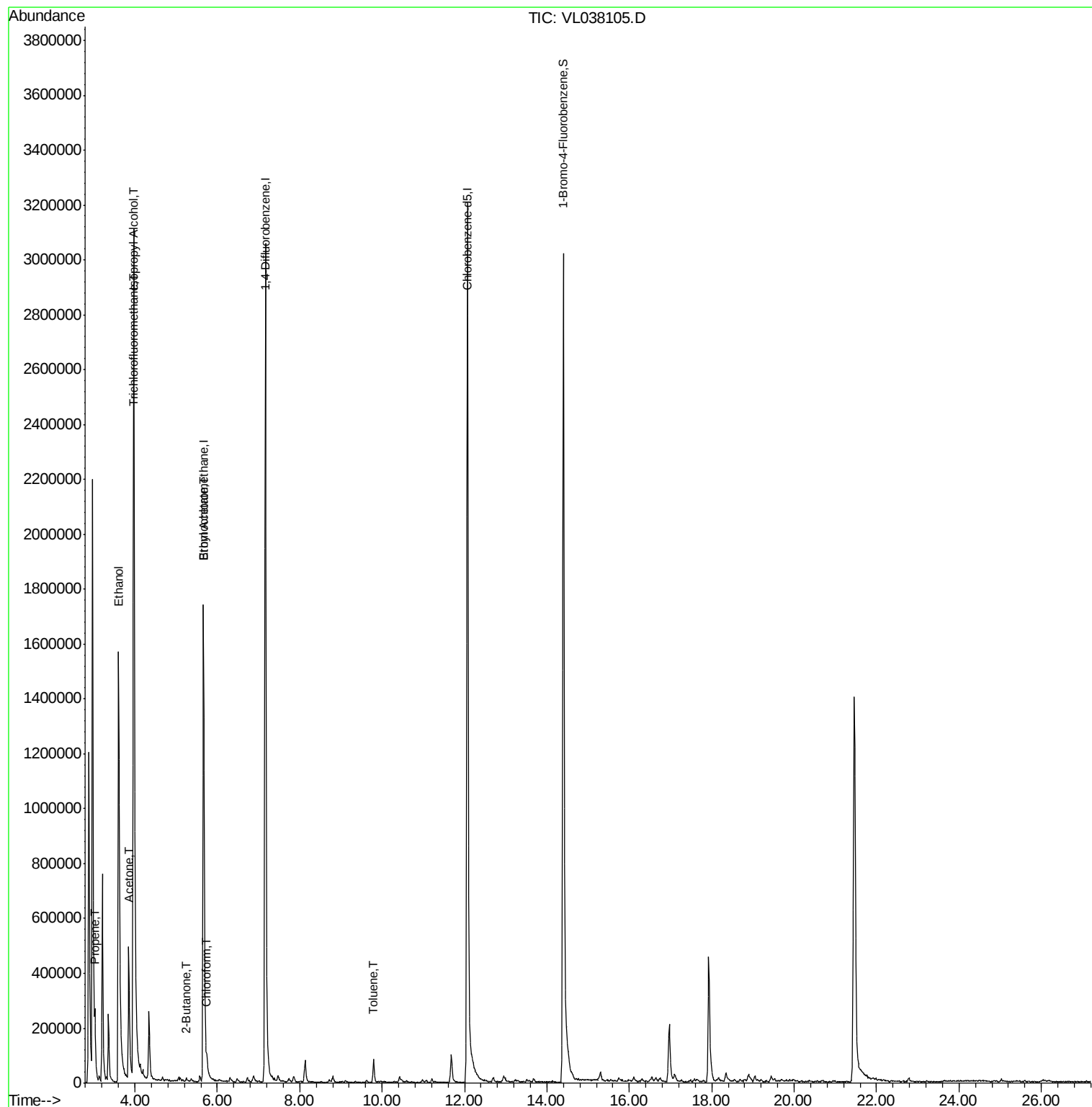
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112321\
Data File : VL038105.D
Acq On : 23 Nov 2021 18:39
Operator : SY/AP
Sample : M4805-07DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-CURATED-HOMEDL

Quant Time: Nov 28 11:58:06 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 18:39

Tot Ion:

Ion Ratio

49 100

128 49.

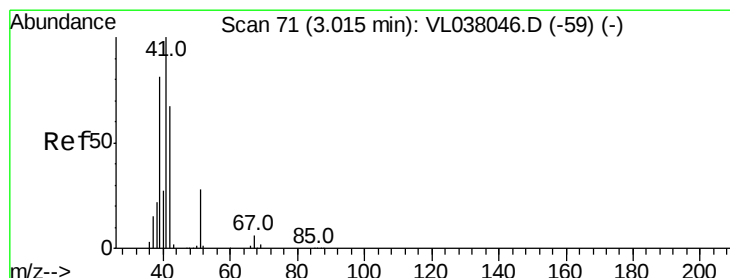
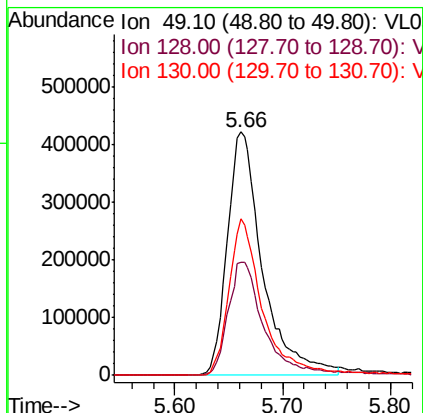
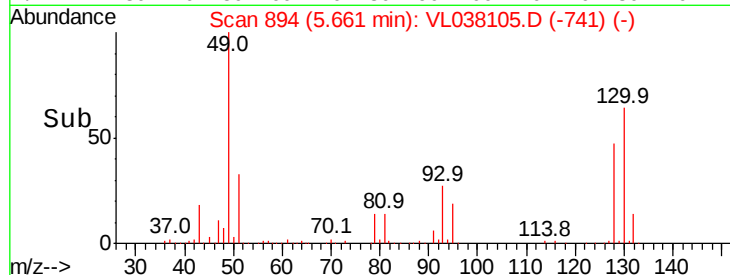
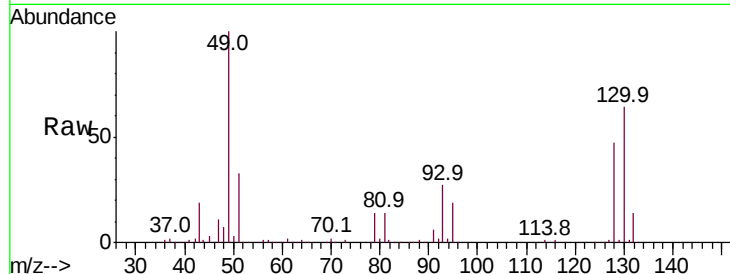
130 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#9

Propene

Concen: 0.548 ppbv m

RT: 3.03 min Scan# 75

Delta R.T. 0.01 min

Lab File: VL038105.D

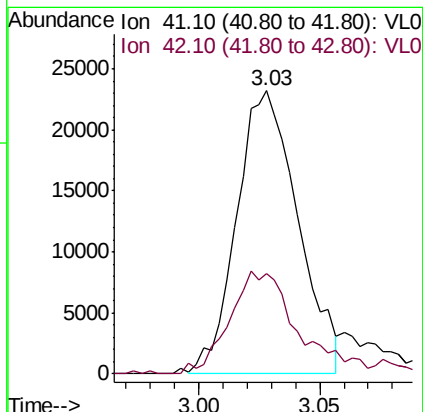
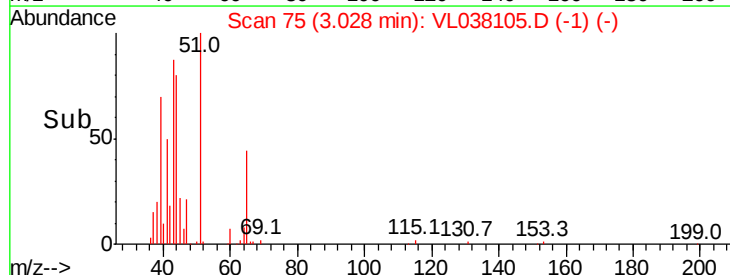
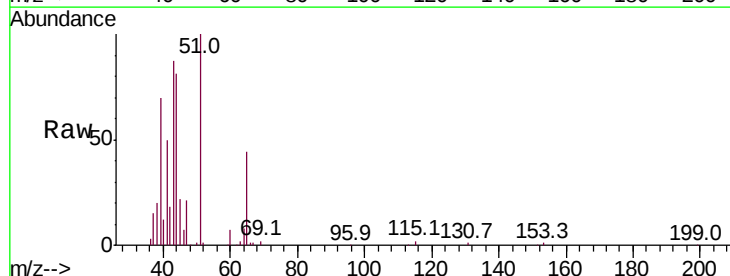
Acq: 23 Nov 2021 18:39

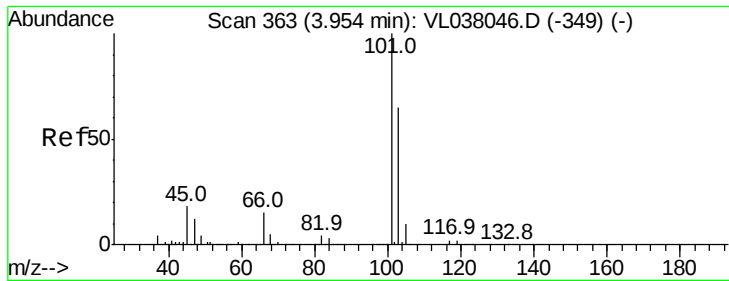
Tgt Ion: 41 Resp: 40926

Ion Ratio Lower Upper

41 100

42 459.6 53.8 80.8#



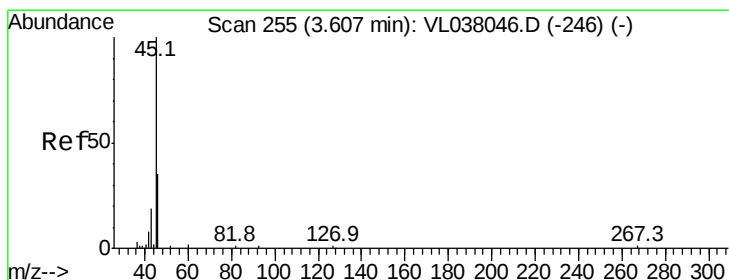
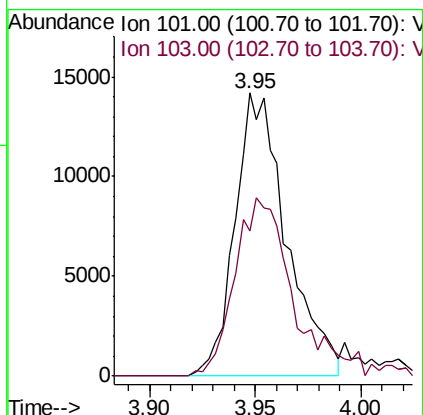
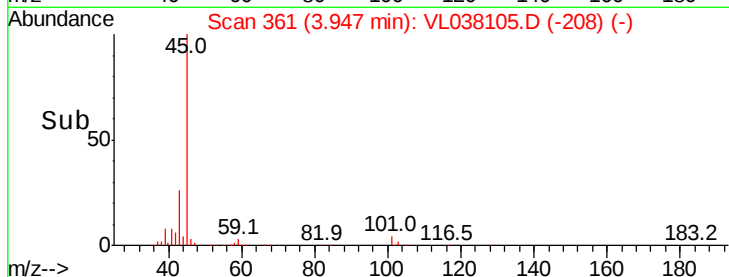
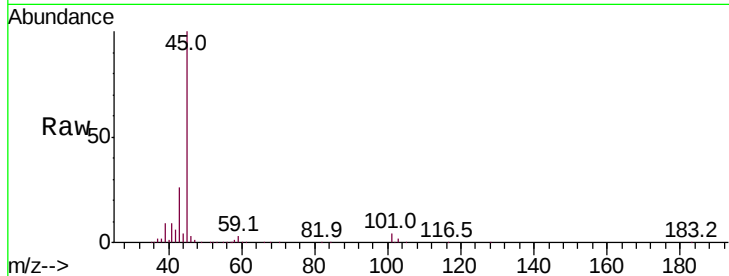


#11
 Trichlorofluoromethane
 Concen: 0.159 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 23 Nov 2021 18:39

Tot Ion:1
 Ion Rati
 101 100
 103 51.

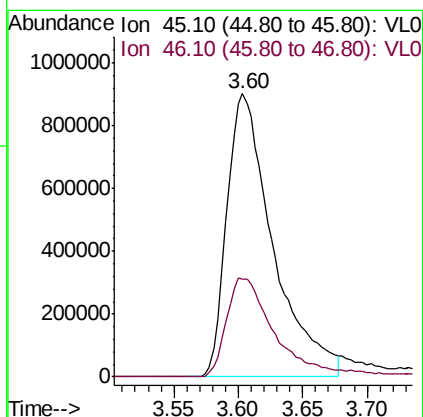
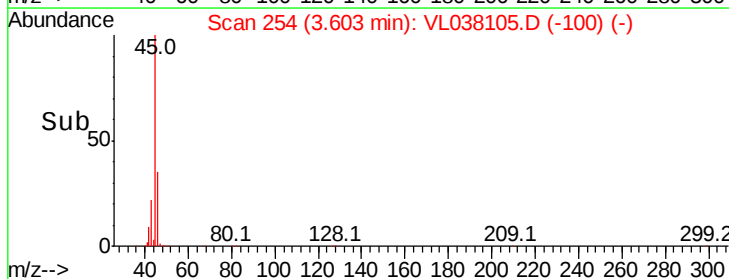
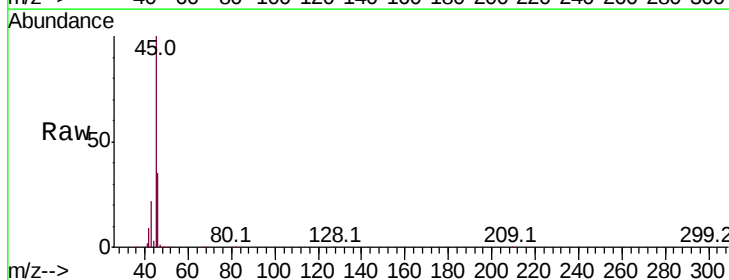
Manual Integrations
 APPROVED

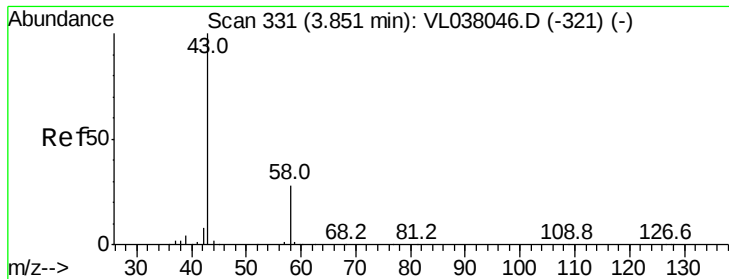
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#13
 Ethanol
 Concen: 310.806 ppbv
 RT: 3.60 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VL038105.D
 Acq: 23 Nov 2021 18:39

Tgt Ion: 45 Resp: 2241556
 Ion Ratio Lower Upper
 45 100
 46 38.6 17.6 70.2





#15

Acetone

Concen: 7.273 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 18:39

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

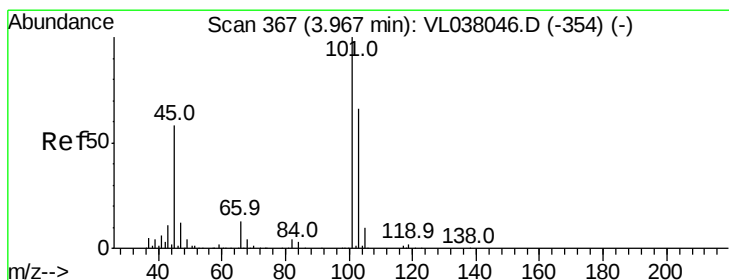
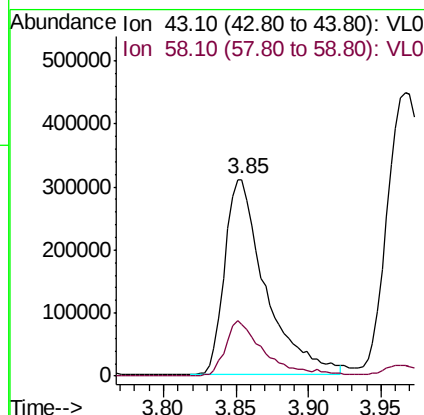
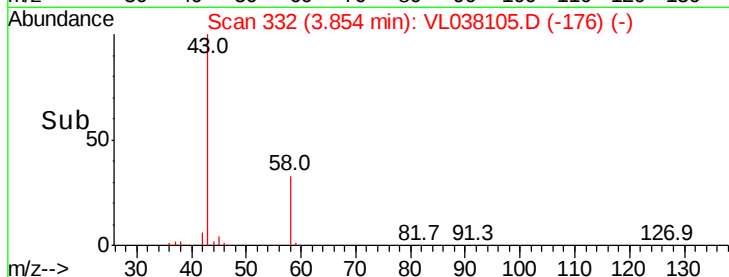
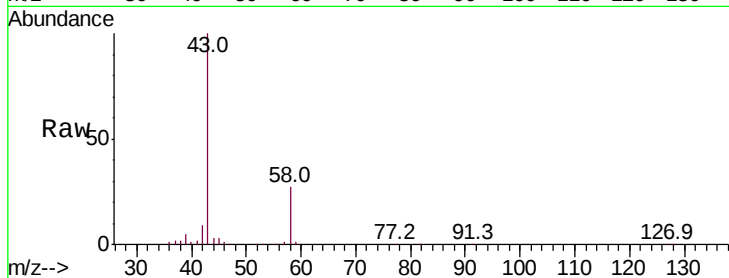
Supervised By :Mahesh Dadoda 11/29/2021

Tot Ion:

Ion Ratio

43 100

58 27.



#19

Isopropyl Alcohol

Concen: 79.634 ppbv

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VL038105.D

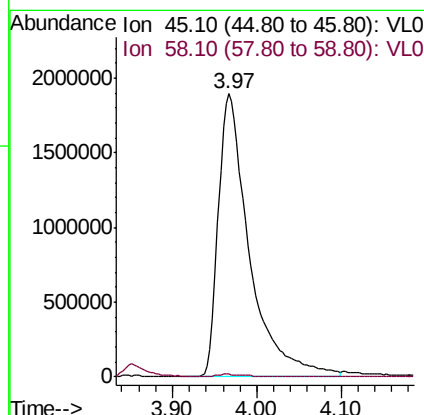
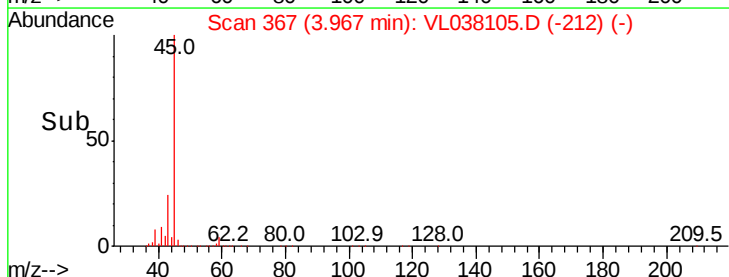
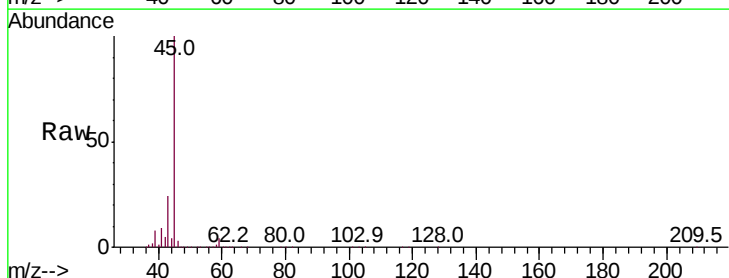
Acq: 23 Nov 2021 18:39

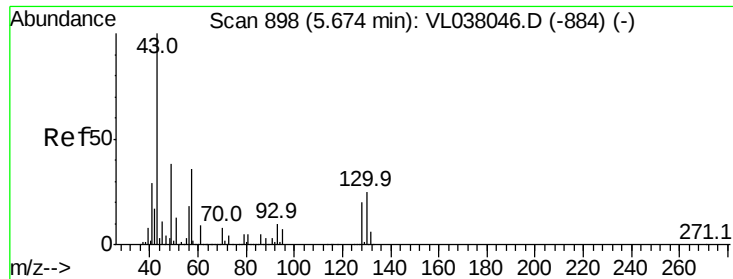
Tgt Ion: 45 Resp: 4813821

Ion Ratio Lower Upper

45 100

58 1.1 1.4 2.0#



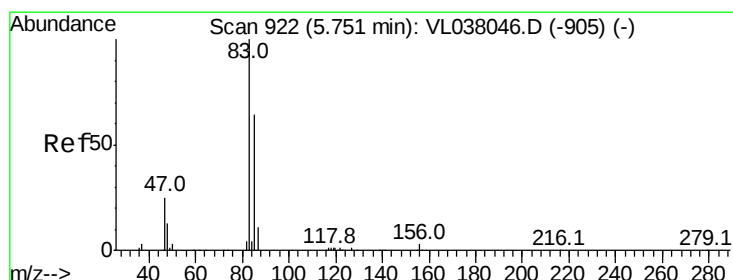
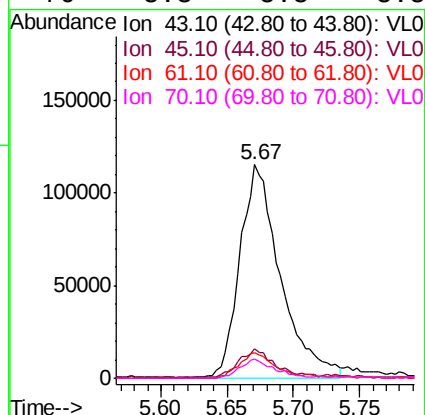
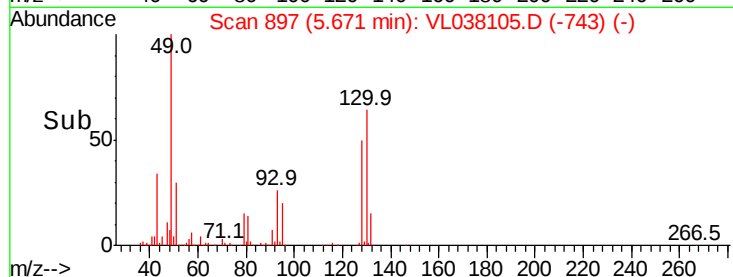
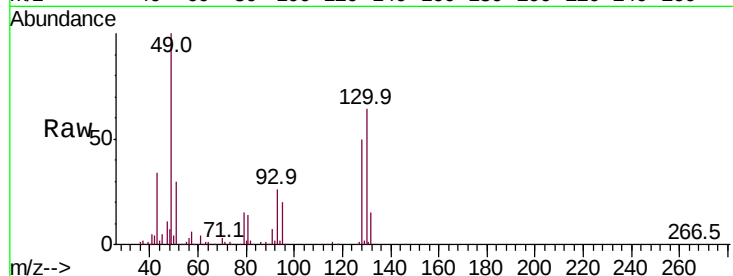


#25
Ethyl Acetate
Concen: 0.885 ppbv
RT: 5.67 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 18:39
IA-CURATED-HOMEDL

Tot Ion:
Ion Ratio
43 100
45 12.
61 11.
70 8.3 5.8 8.8

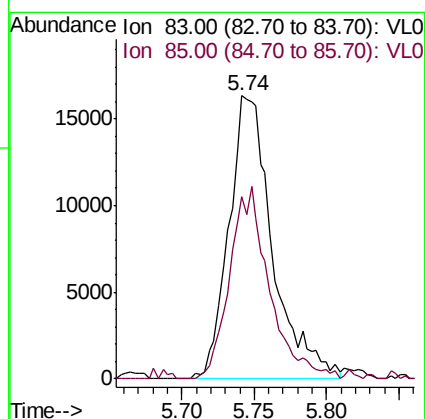
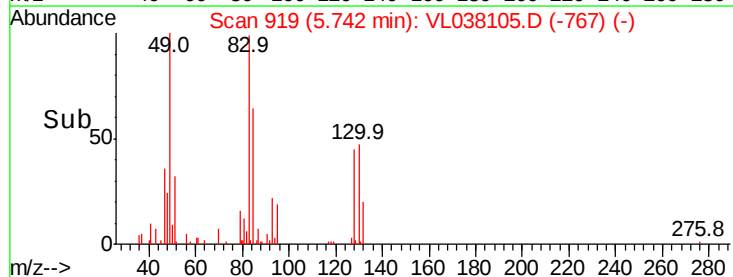
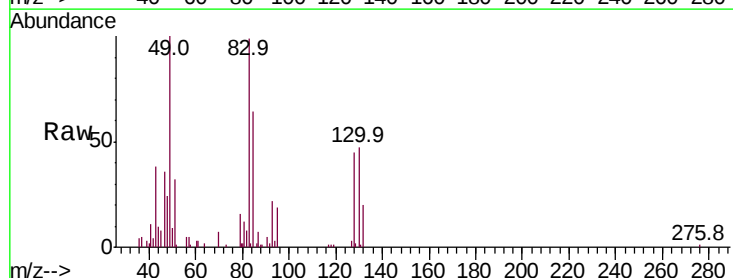
Manual Integrations
APPROVED

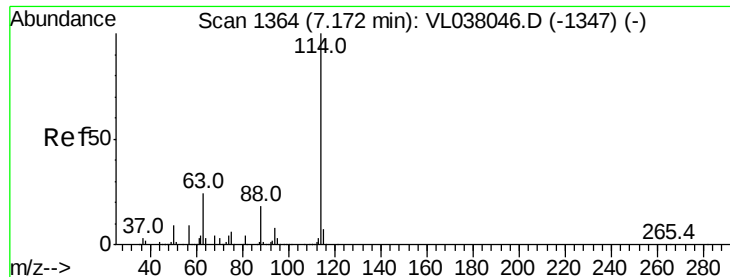
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#29
Chloroform
Concen: 0.174 ppbv m
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL038105.D
Acq: 23 Nov 2021 18:39

Tgt Ion: 83 Resp: 34399
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA-CURATED-HOMEDL

Acq: 23 Nov 2021 18:39

Tot Ion:1

Ion Rati

114 100

63 25.

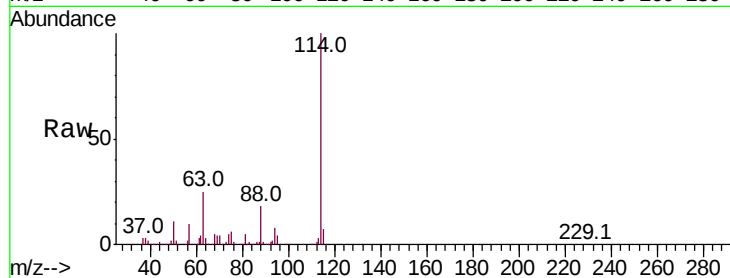
88 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

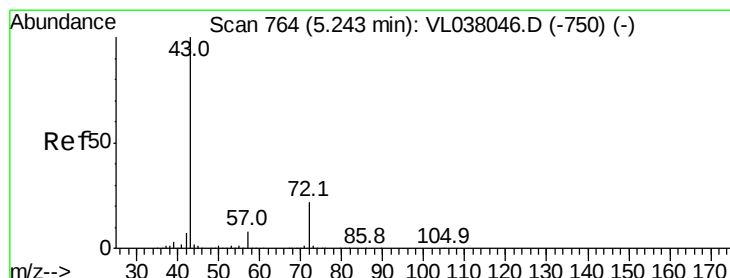
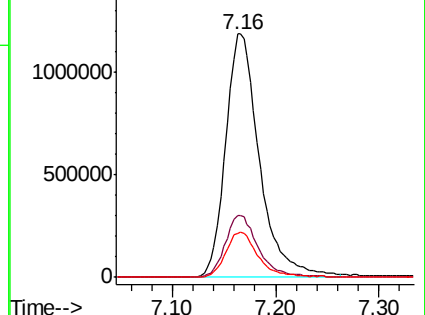
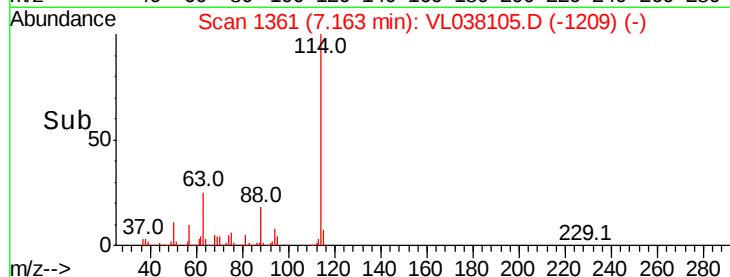
Supervised By :Mahesh Dadoda 11/29/2021



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.161 ppbv m

RT: 5.25 min Scan# 765

Delta R.T. 0.00 min

Lab File: VL038105.D

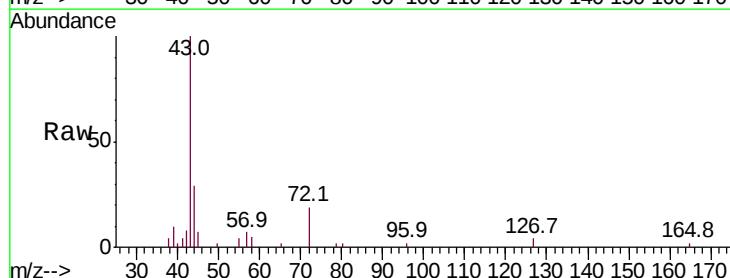
Acq: 23 Nov 2021 18:39

Tgt Ion: 43 Resp: 17589

Ion Ratio Lower Upper

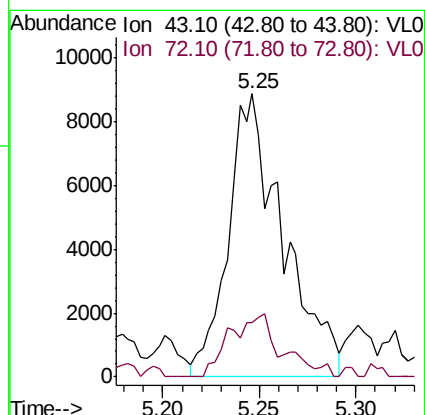
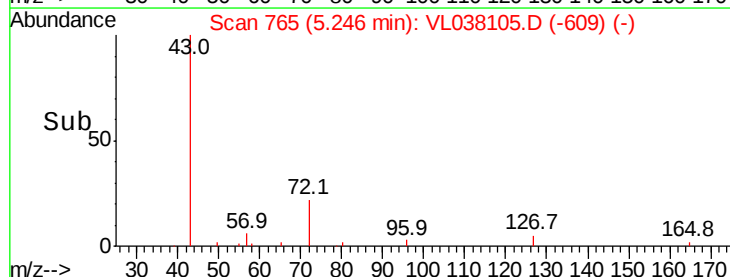
43 100

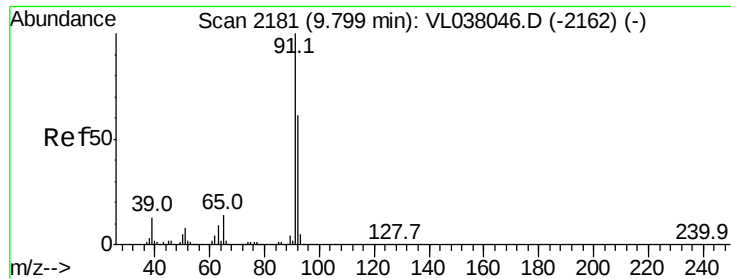
72 21.1 18.8 28.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#53

Toluene

Concen: 0.210 ppbv

RT: 9.79 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 18:39

Manual Integrations

APPROVED

Tot Ion:

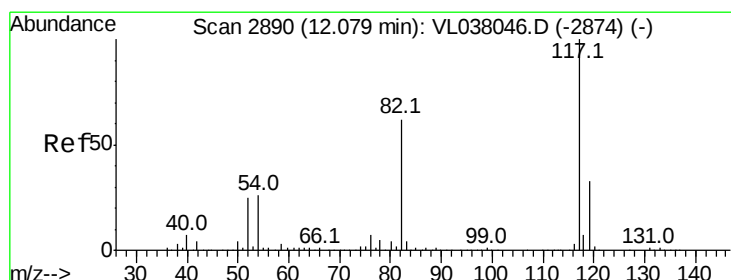
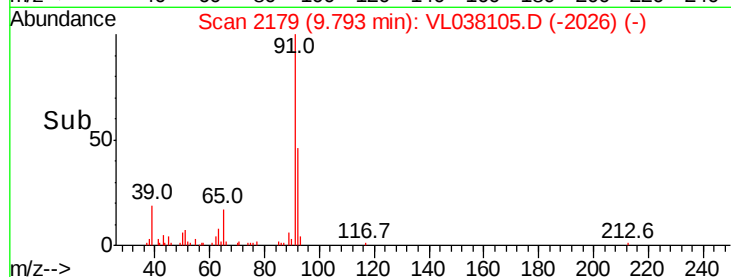
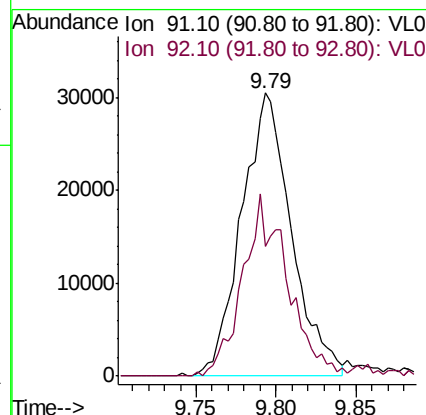
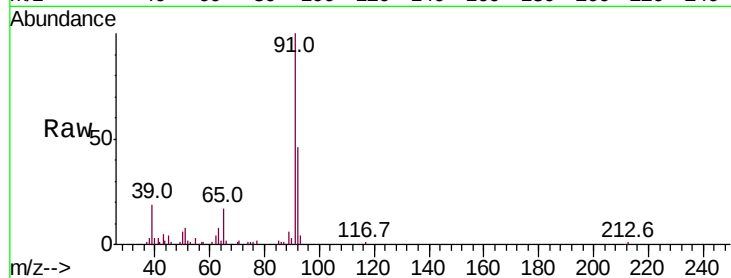
Ion Ratio

91 100

92 57.

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2887

Delta R.T. -0.01 min

Lab File: VL038105.D

Acq: 23 Nov 2021 18:39

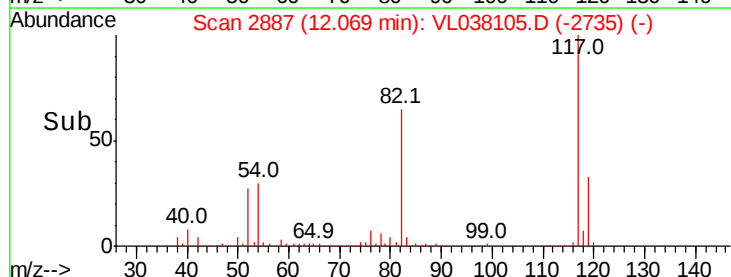
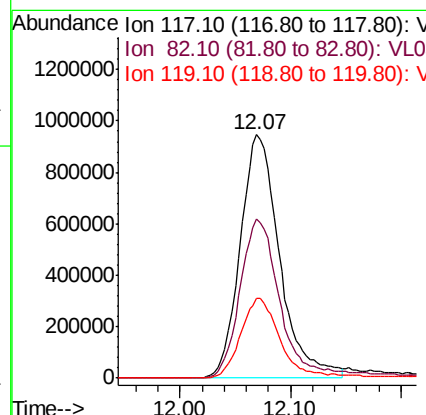
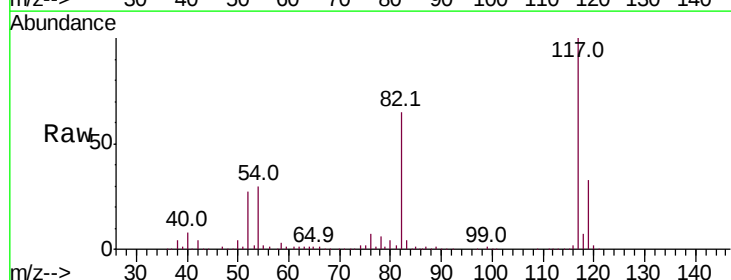
Tgt Ion:117 Resp: 2348341

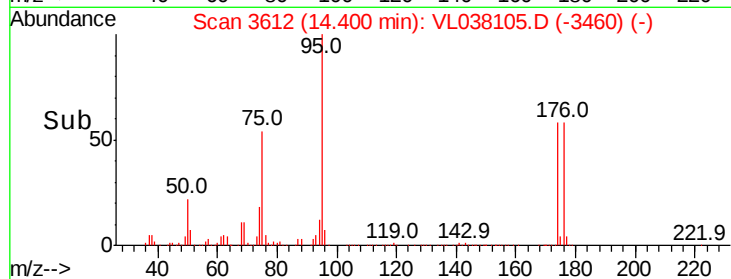
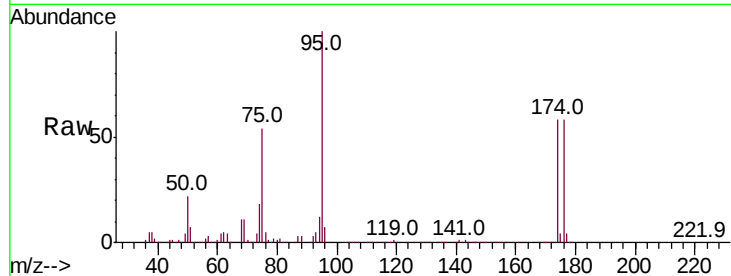
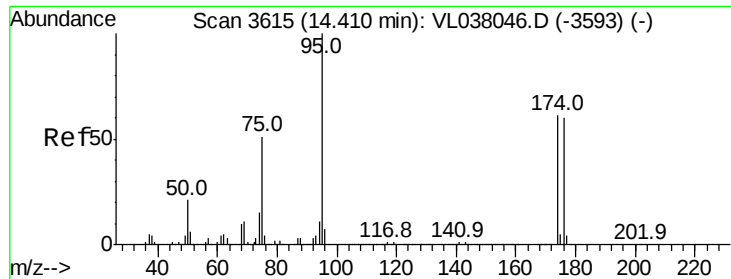
Ion Ratio Lower Upper

117 100

82 69.8 52.8 79.2

119 35.1 26.8 40.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.557 ppbv

RT: 14.40

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Nov 2021 10:39

Tot Ion:

Ion Ratio

95 100

174 64.

175 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021

