

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038109.D
 Acq On : 23 Nov 2021 21:15
 Operator : SY/AP
 Sample : M4805-10DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-EDIBLE-ARRANGEMENTSDL

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 11:59:29 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	861535	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2583733	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2236524	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1728648	10.72	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) Trichlorofluoromethane	3.95	101	14771m	0.109	ppbv	
13) Ethanol	3.60	45	1168486	181.466	ppbv	90
15) Acetone	3.85	43	262465	3.514	ppbv	99
19) Isopropyl Alcohol	3.97	45	500984	9.282	ppbv #	97
25) Ethyl Acetate	5.66	43	2197211	8.851	ppbv #	89
29) Chloroform	5.74	83	103417m	0.586	ppbv	
34) 2-Butanone	5.24	43	10940m	0.105	ppbv	
53) Toluene	9.79	91	46221	0.156	ppbv	95
59) m/p-Xylene	12.94	91	31588m	0.102	ppbv	

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

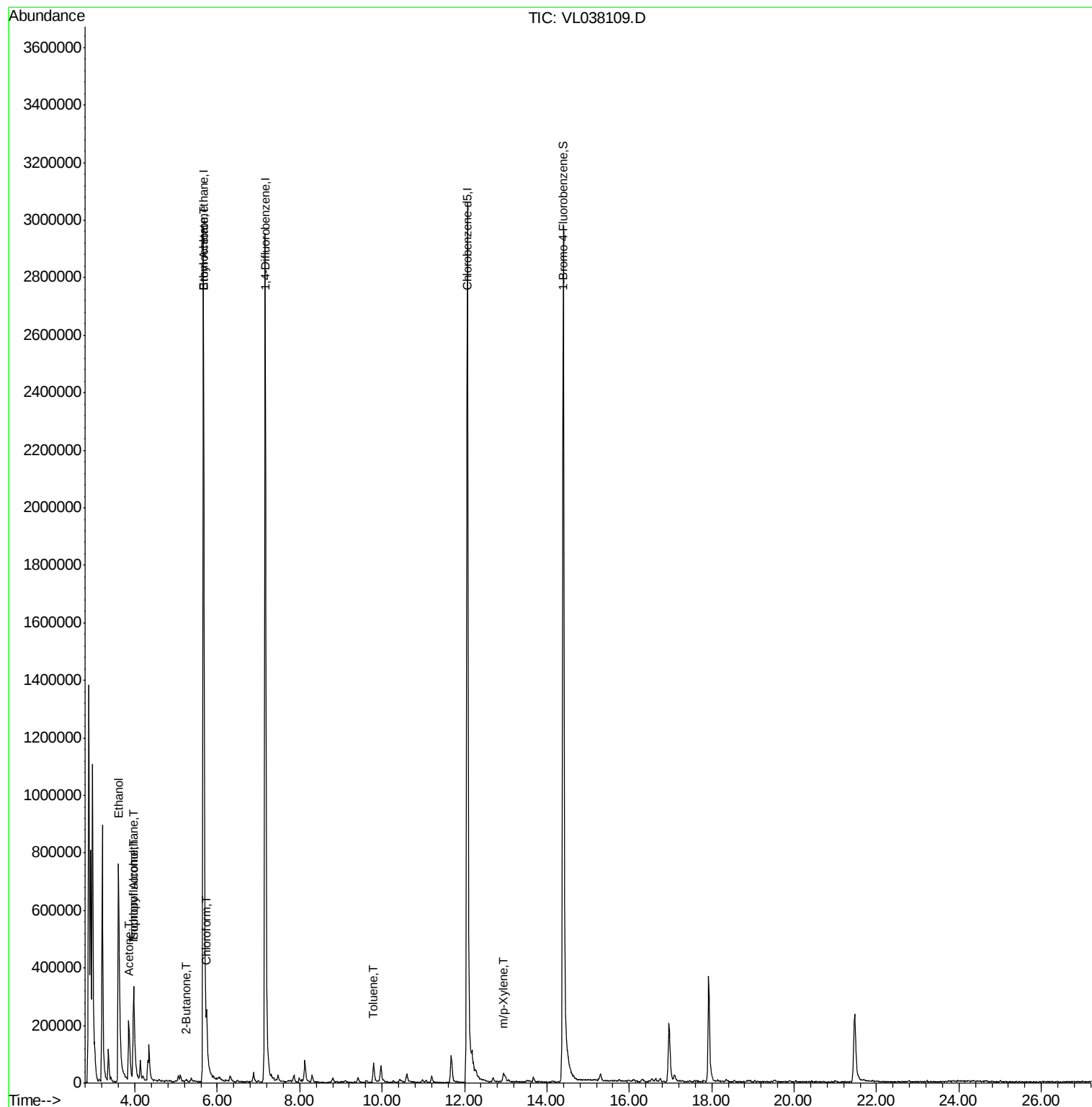
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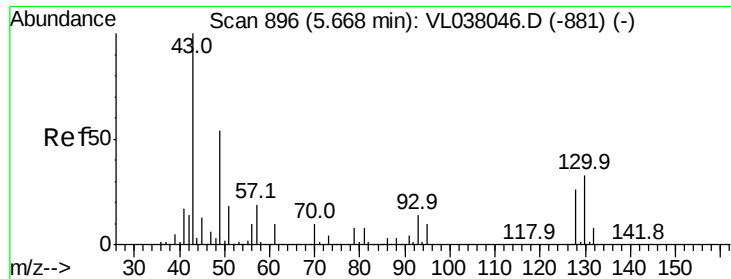
Instrument :
MSVOA_L
ClientSampleId :
IA-EDIBLE-ARRANGEMENTSDL

Quant Time: Nov 28 11:59:29 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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 21:15

Tot Ion:

Ion Ratio

49 100

128 49.

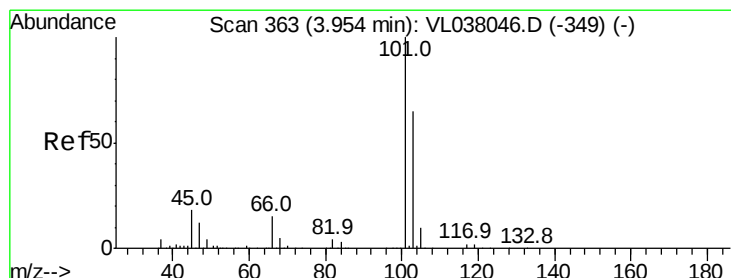
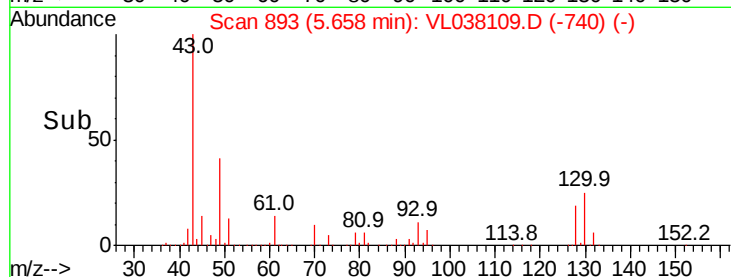
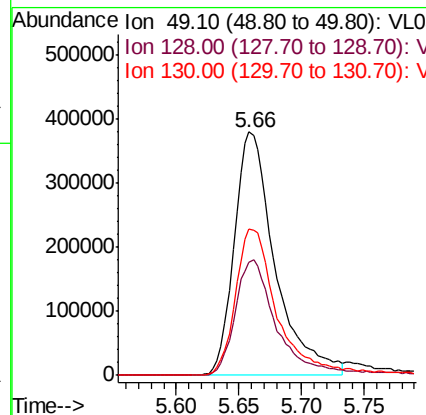
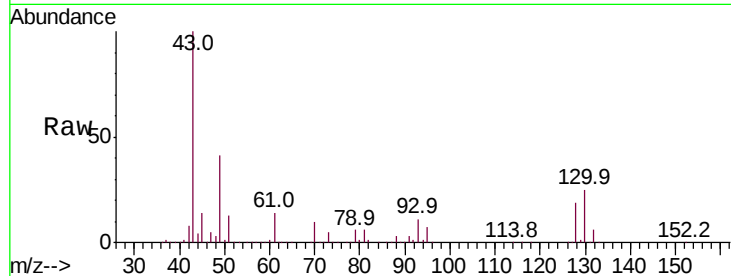
130 64.

Manual Integrations

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#11

Trichlorofluoromethane

Concen: 0.109 ppbv m

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VL038109.D

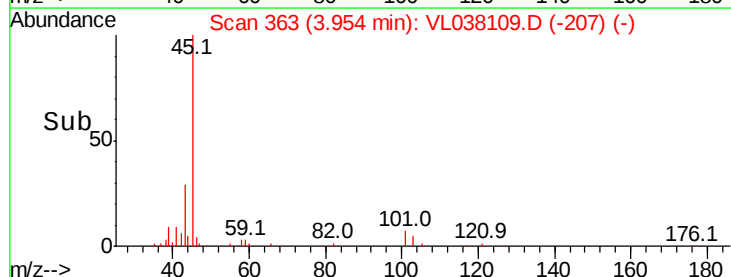
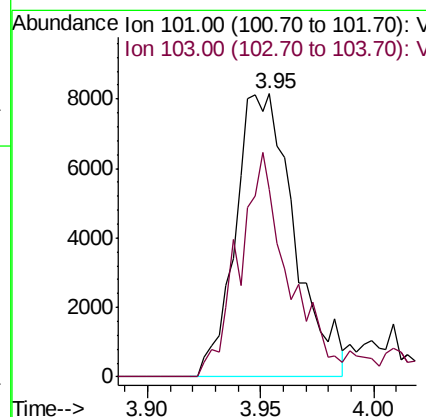
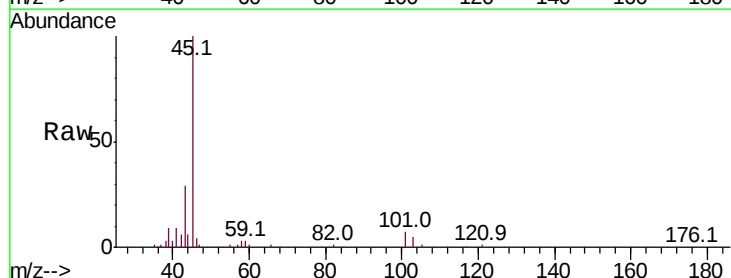
Acq: 23 Nov 2021 21:15

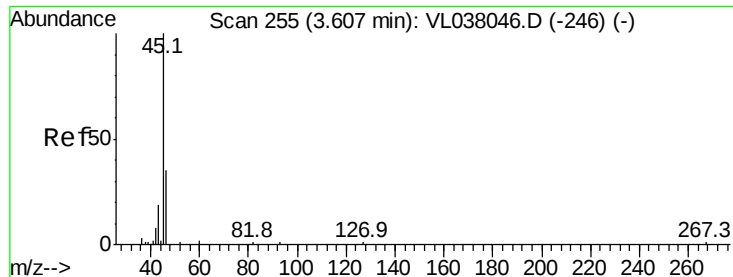
Tgt Ion:101 Resp: 14771

Ion Ratio Lower Upper

101 100

103 66.2 51.8 77.6





#13

Ethanol

Concen: 181.466 ppbv

RT: 3.60

Delta R.T. MSVOA_L

Lab File:

Acq: 23 Nov 2021 21:15

ClientSampleId :

IA-EDIBLE-ARRANGEMENTS.D

Tot Ion:

Ion Ratio

45 100

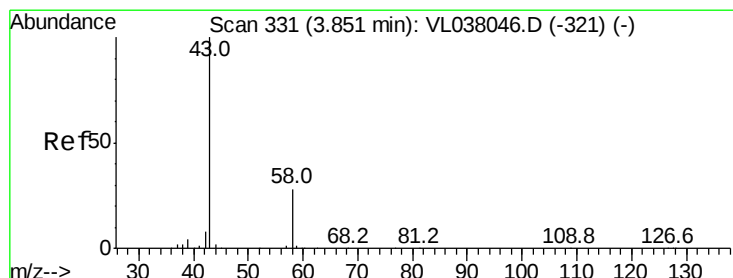
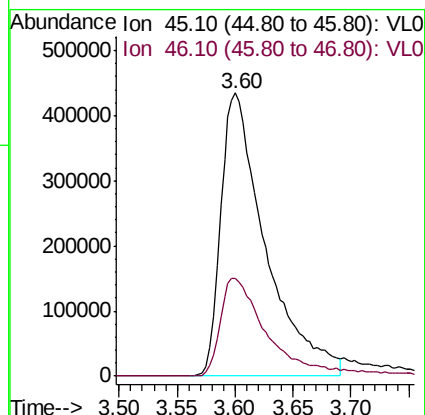
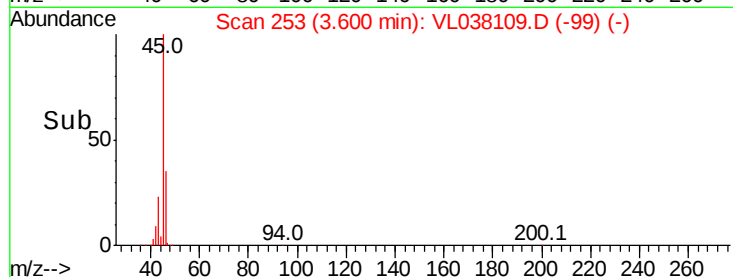
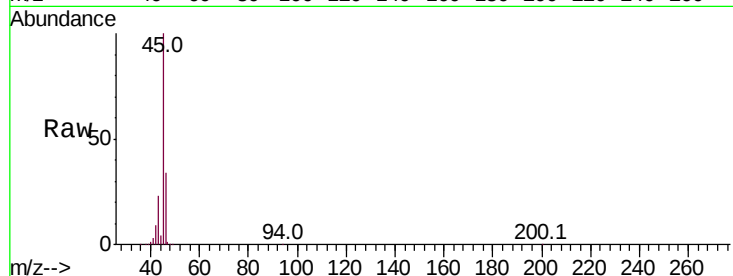
46 37.

Manual Integrations

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#15

Acetone

Concen: 3.514 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.00 min

Lab File: VL038109.D

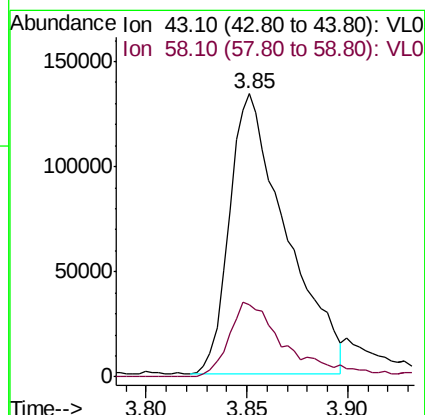
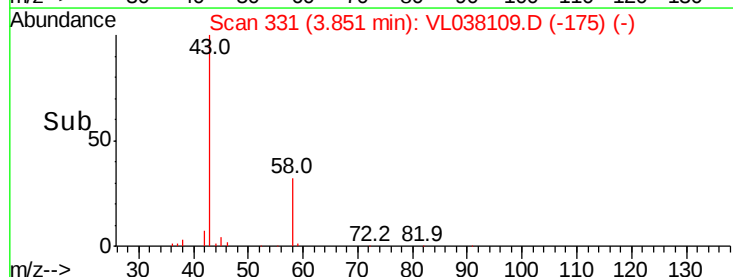
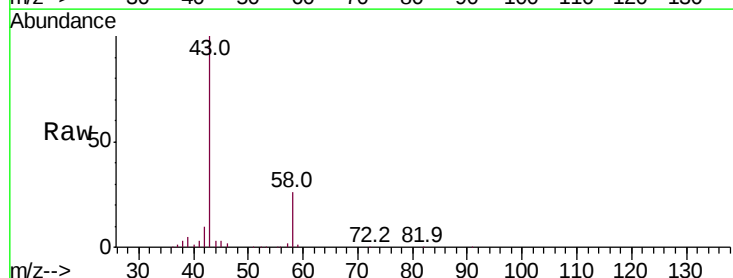
Acq: 23 Nov 2021 21:15

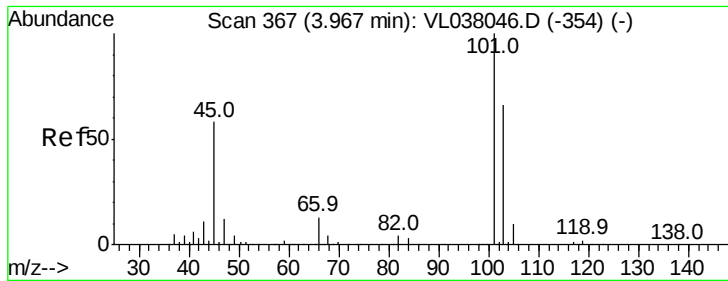
Tgt Ion: 43 Resp: 262465

Ion Ratio Lower Upper

43 100

58 27.4 22.4 33.6





#19

Isopropyl Alcohol

Concen: 9.282 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File:

Acq: 23 Nov 2021 21:15

Client Sample ID:

IA-EDIBLE-ARRANGEMENTS.DL

Tot Ion:

Ion Ratio

45 100

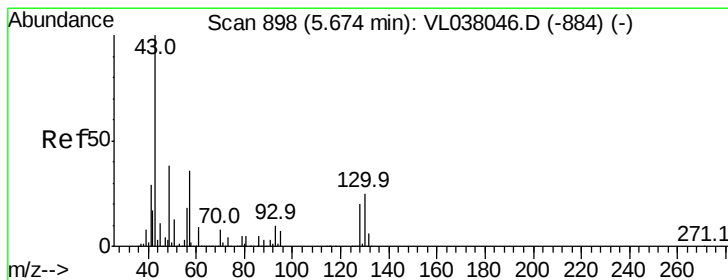
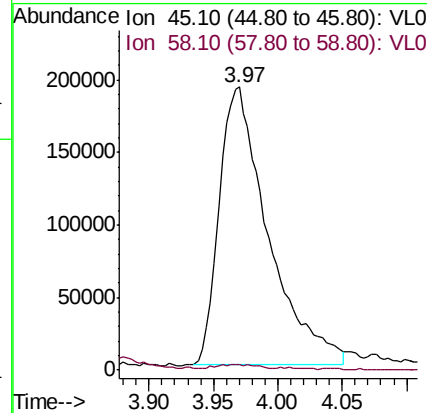
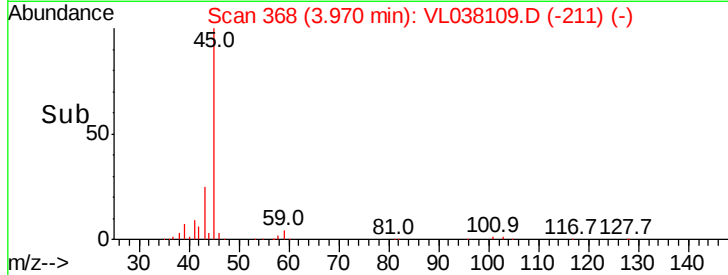
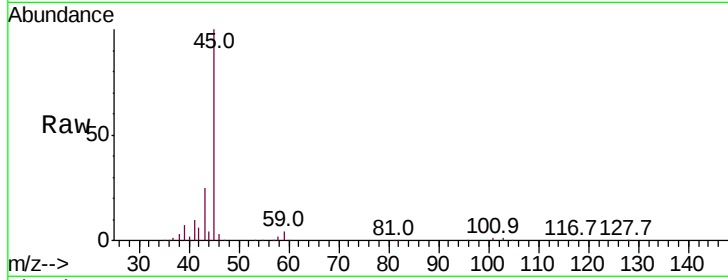
58 2.

Manual Integrations

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#25

Ethyl Acetate

Concen: 8.851 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

Lab File: VL038109.D

Acq: 23 Nov 2021 21:15

Tgt Ion: 43 Resp: 2197211

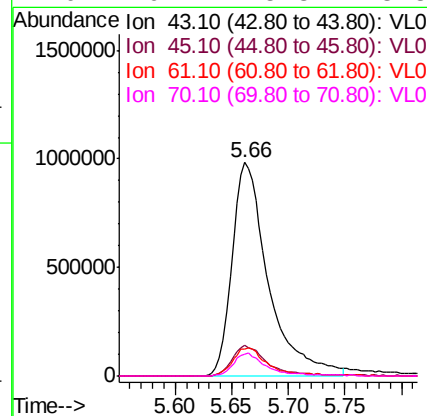
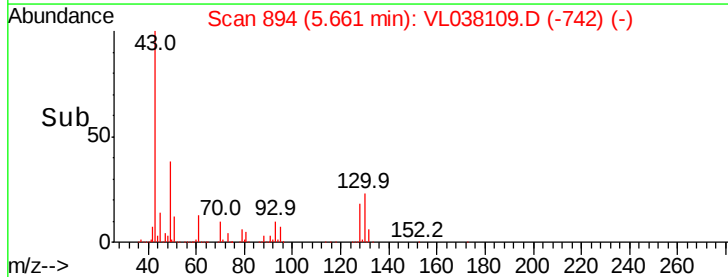
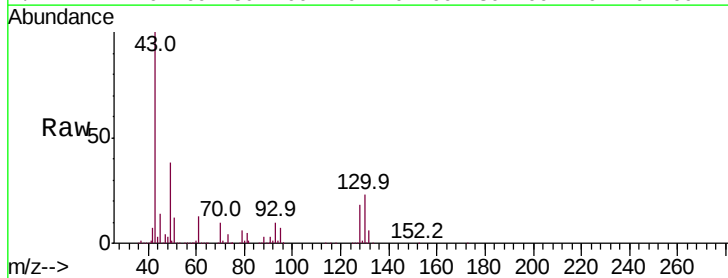
Ion Ratio Lower Upper

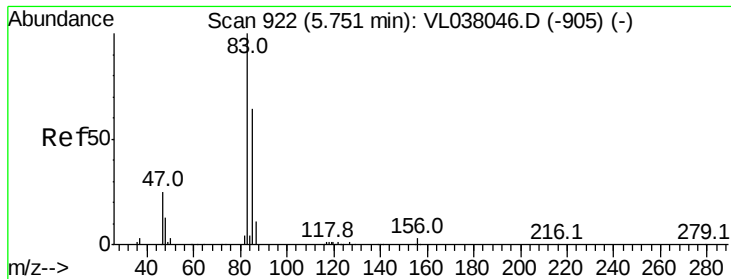
43 100

45 14.7 7.9 11.9#

61 13.4 7.8 11.6#

70 10.4 5.8 8.8#





#29

Chloroform

Concen: 0.586 ppbv m

RT: 5.74 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 21:15

Tot Ion:

Ion Ratio

83 100

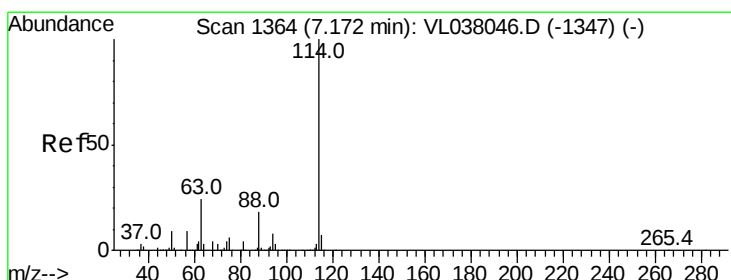
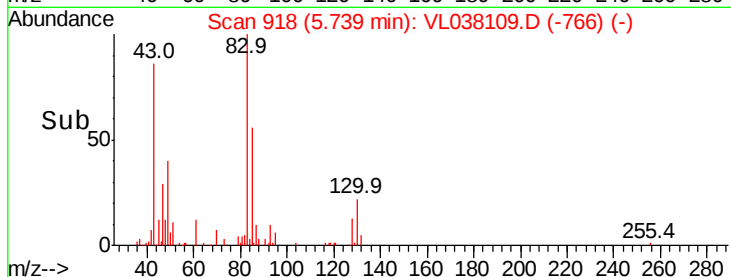
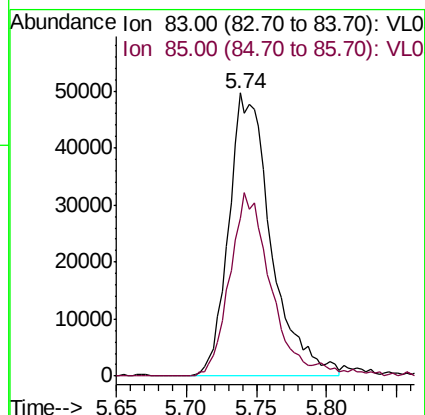
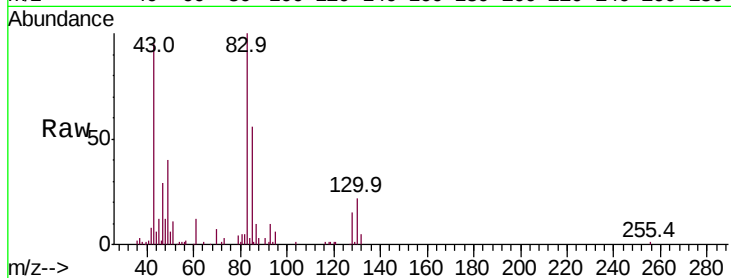
85 55.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.01 min

Lab File: VL038109.D

Acq: 23 Nov 2021 21:15

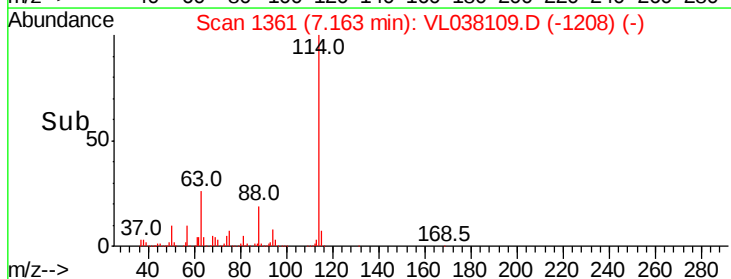
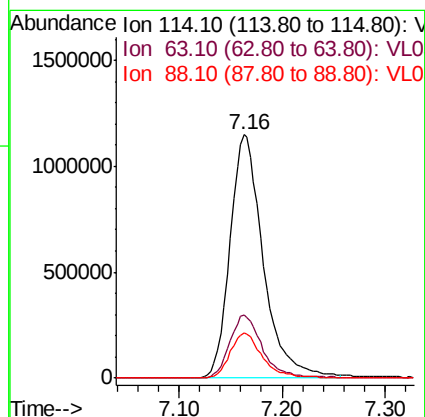
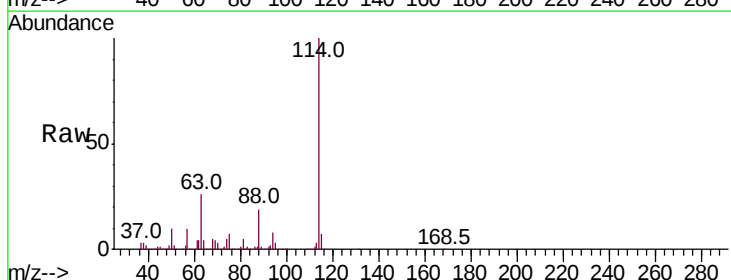
Tgt Ion:114 Resp: 2583733

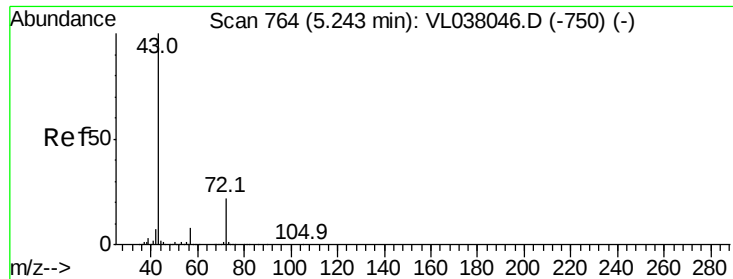
Ion Ratio Lower Upper

114 100

63 25.9 19.7 29.5

88 18.4 14.4 21.6





#34

2-Butanone

Concen: 0.105 ppbv m

RT: 5.24 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 21:15

Manual Integrations

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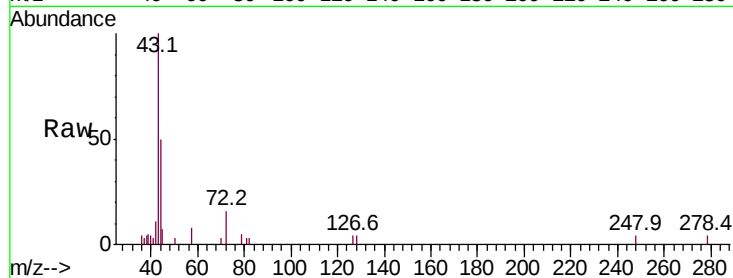
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021

Tot Ion:

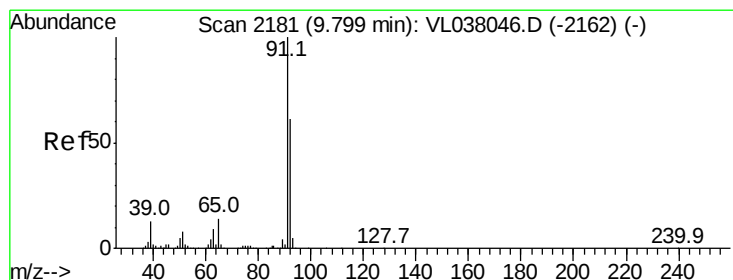
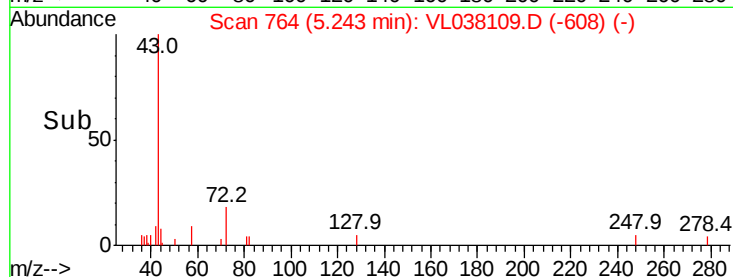
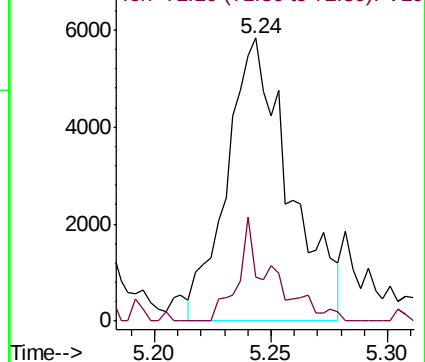
Ion Ratio

43 100

72 0.



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 72.10 (71.80 to 72.80): VL0



#53

Toluene

Concen: 0.156 ppbv

RT: 9.79 min Scan# 2177

Delta R.T. -0.01 min

Lab File: VL038109.D

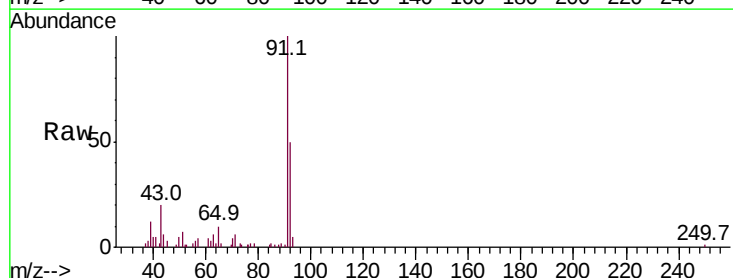
Acq: 23 Nov 2021 21:15

Tgt Ion: 91 Resp: 46221

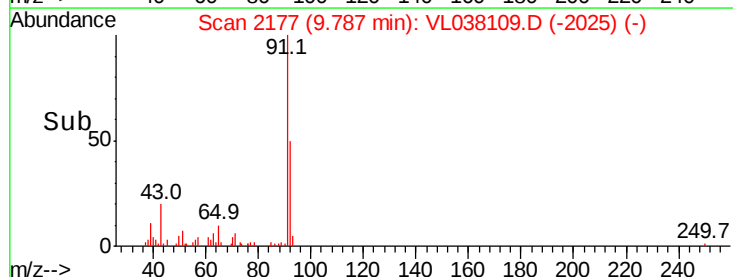
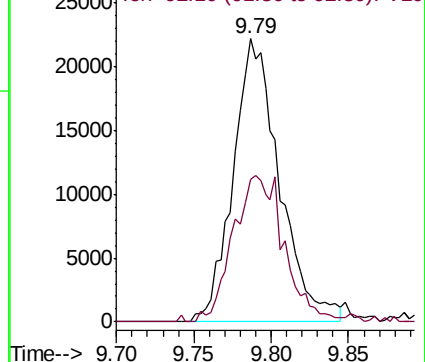
Ion Ratio Lower Upper

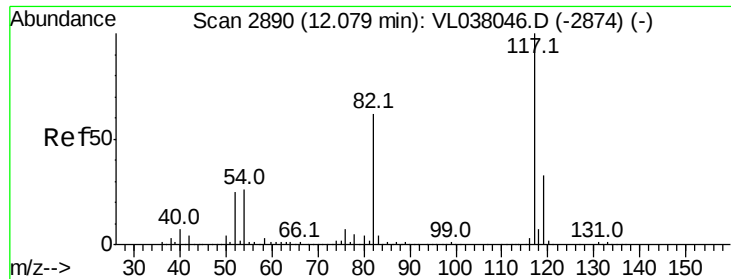
91 100

92 58.0 49.7 74.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07

Delta R.T. MSVOA_L

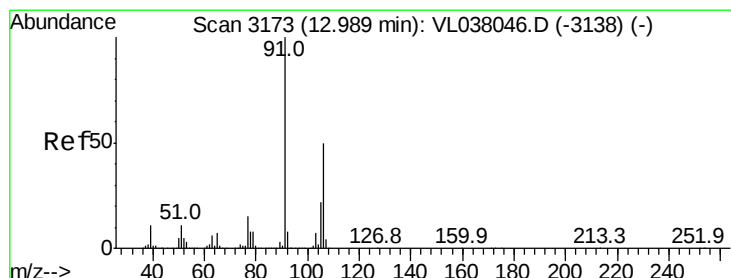
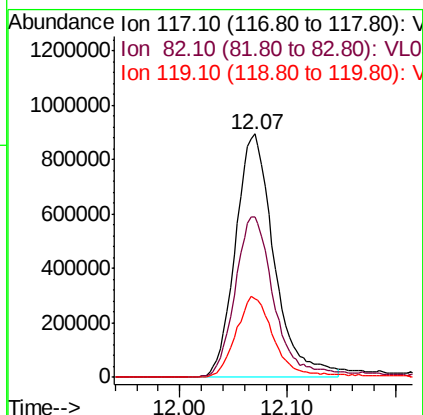
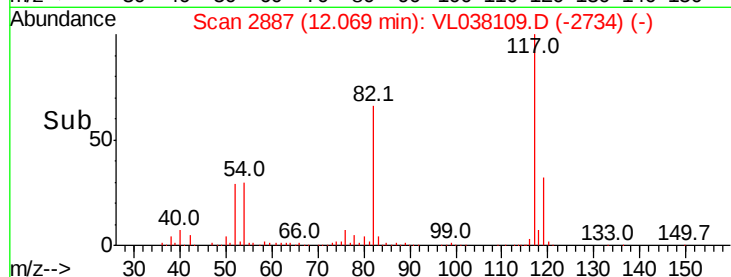
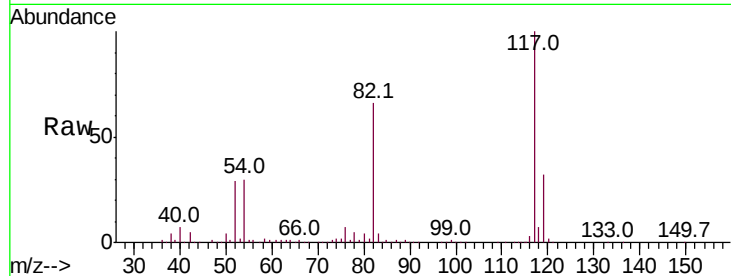
Lab File: ClientSampleId:

Acq: 23 Nov 2021 21:15

Tot Ion: 1
Ion Ratio
117 100
82 70.
119 34.

Manual Integrations
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#59

m/p-Xylene

Concen: 0.102 ppbv m

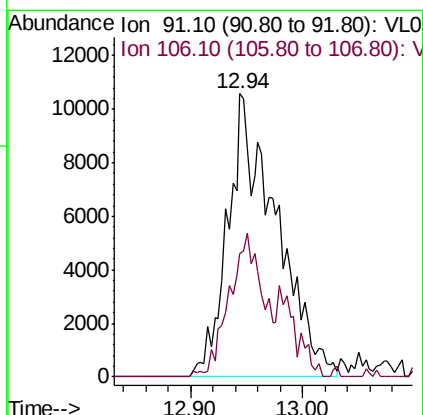
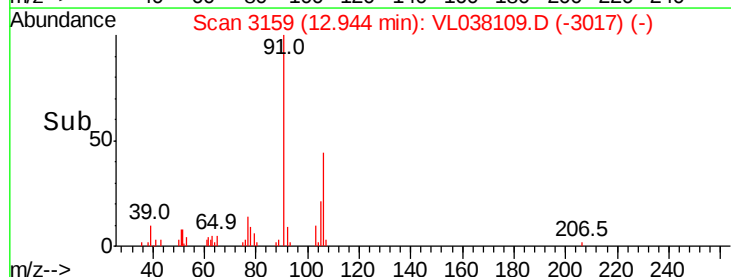
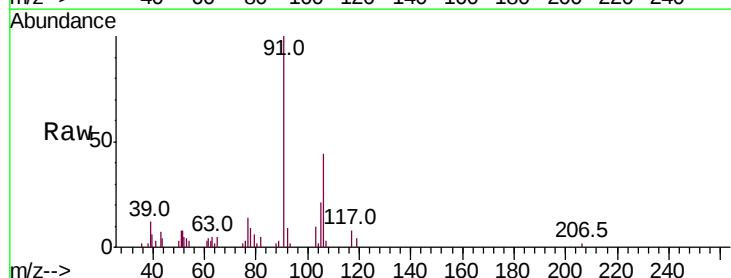
RT: 12.94 min Scan# 3159

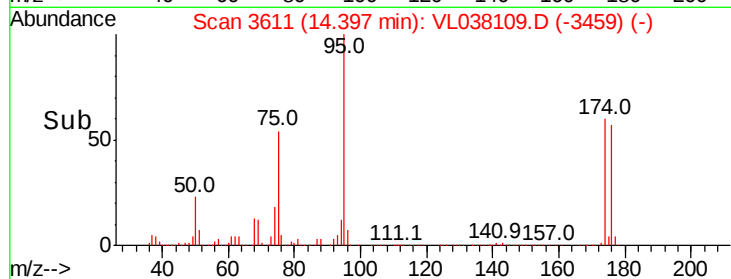
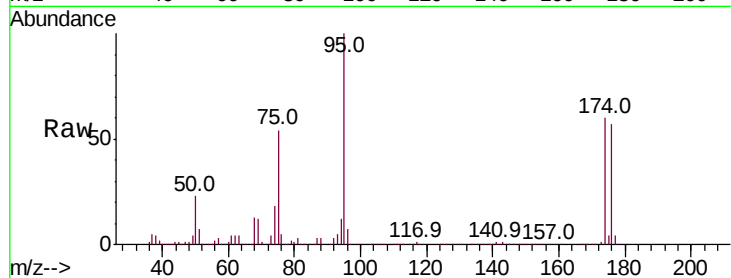
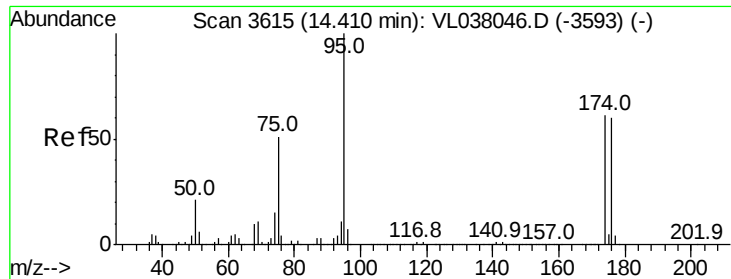
Delta R.T. -0.04 min

Lab File: VL038109.D

Acq: 23 Nov 2021 21:15

Tgt Ion: 91 Resp: 31588
Ion Ratio Lower Upper
91 100
106 0.0 38.1 57.1#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.715 ppbv

RT: 14.40

Delta R.T: MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 21:13

Tot Ion:

Ion Ratio

95 100

174 63.

175 4.

Manual Integrations

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