

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038861.D
 Acq On : 8 Apr 2022 4:01
 Operator : SY/AP
 Sample : N2274-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1161-8-01-SG-2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022

Quant Time: Apr 08 09:59:37 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1074029	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	2720067	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	2411172	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1870532	10.23	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	17372m	0.250	ppbv	
13) Ethanol	3.62	45	1267029	300.637	ppbv #	100
15) Acetone	3.88	43	93369	0.873	ppbv	93
19) Isopropyl Alcohol	3.99	45	382548	7.000	ppbv #	100
20) Methylene Chloride	4.37	84	9255m	0.239	ppbv	
25) Ethyl Acetate	5.71	43	26359m	0.097	ppbv	
53) Toluene	9.84	91	54718	0.192	ppbv	96

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

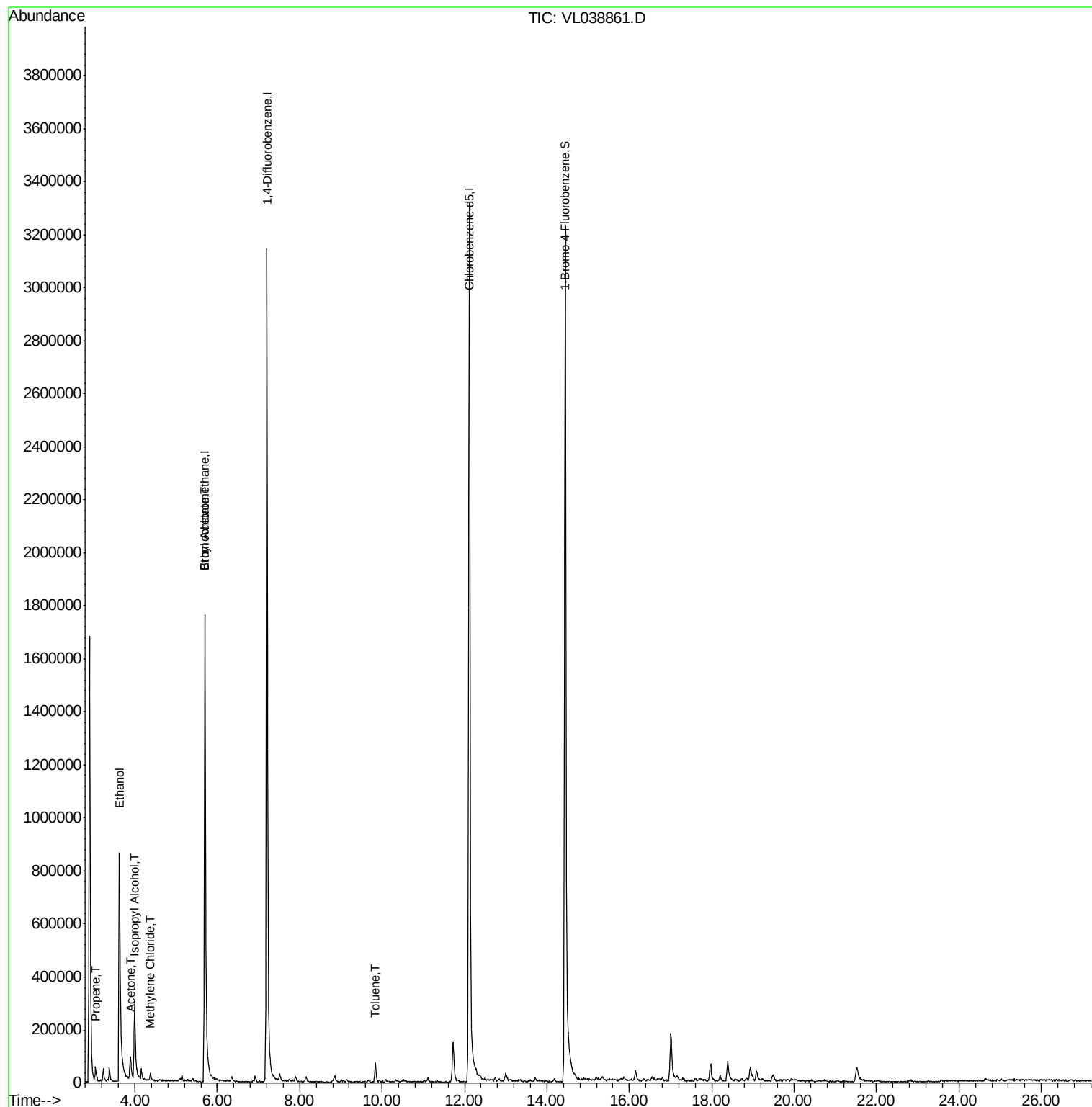
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
Data File : VL038861.D
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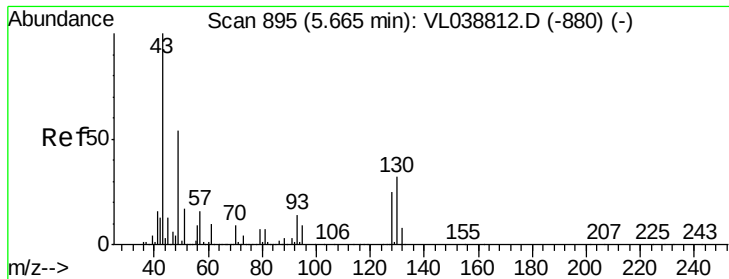
Instrument :
MSVOA_L
ClientSampleId :
1161-8-01-SG-2DL

Quant Time: Apr 08 09:59:37 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 4:01

Tot Ion:

Ion Ratio

49 100

128 46.

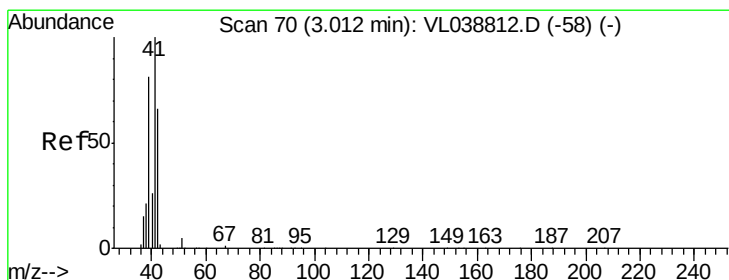
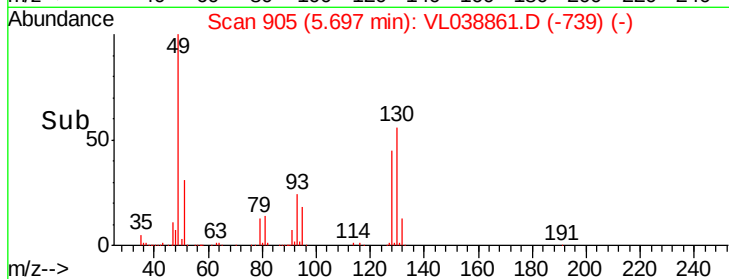
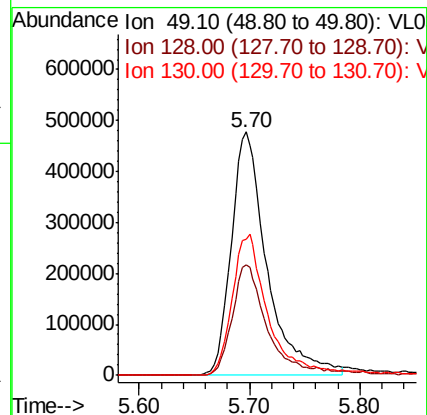
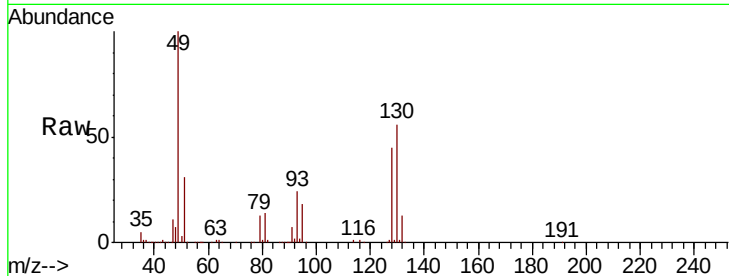
130 59.

Manual Integrations

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Supervised By :Mahesh Dadoda 04/11/2022



#9

Propene

Concen: 0.250 ppbv m

RT: 3.04 min Scan# 80

Delta R.T. 0.03 min

Lab File: VL038861.D

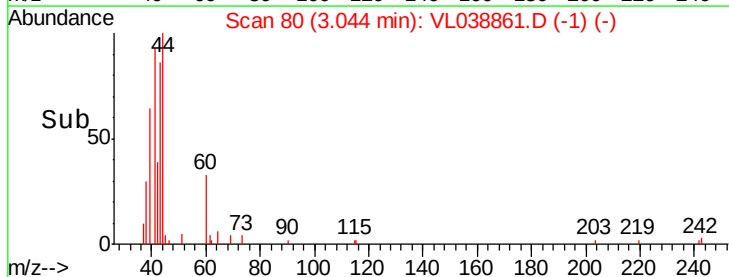
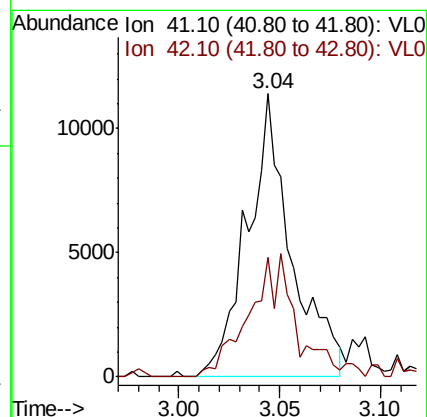
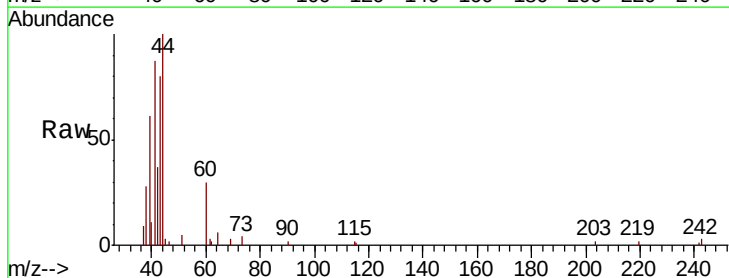
Acq: 8 Apr 2022 4:01

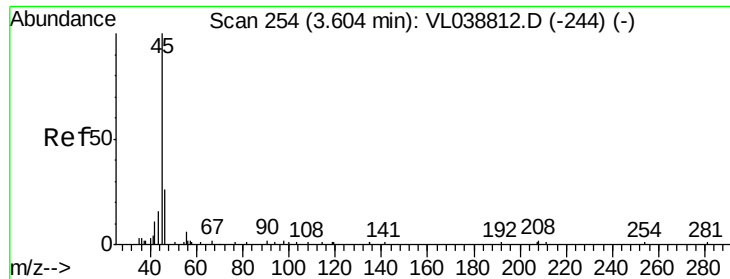
Tgt Ion: 41 Resp: 17372

Ion Ratio Lower Upper

41 100

42 46.5 54.2 81.4#



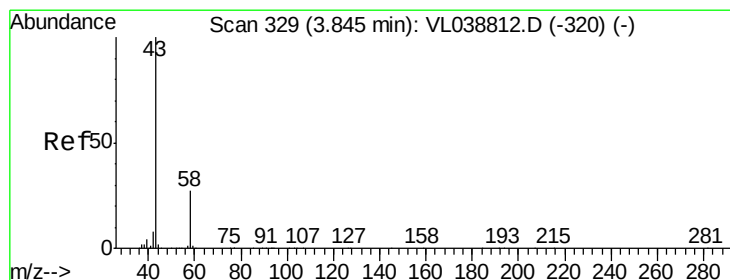
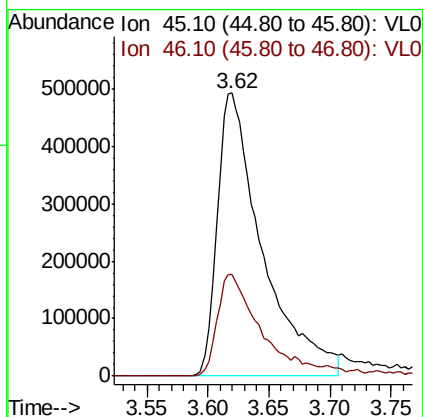
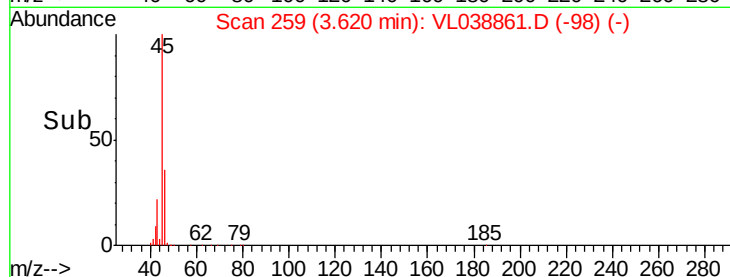
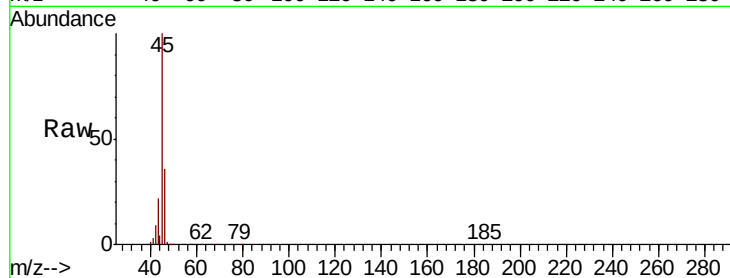


#13
Ethanol
Concen: 300.637 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 8 Apr 2022 4:01

Tot Ion:
Ion Ratio
45 100
46 36.

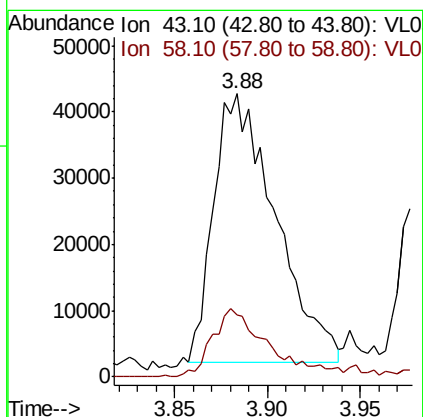
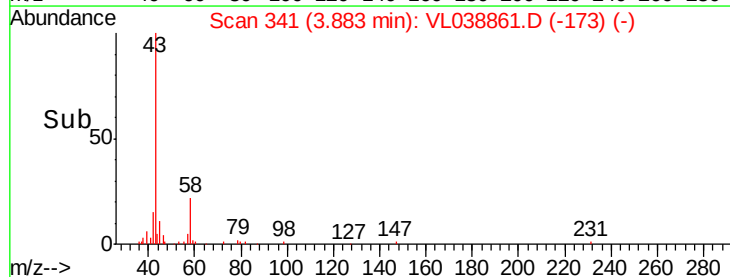
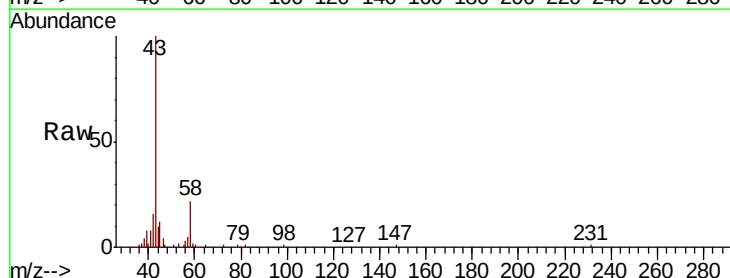
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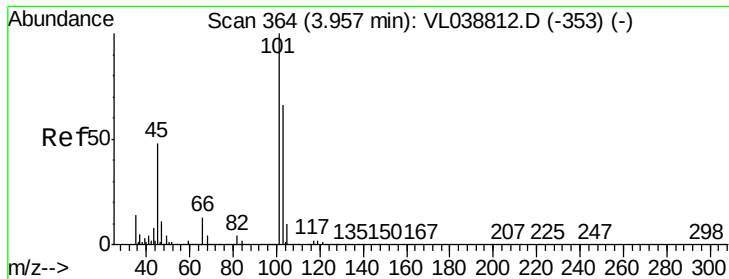
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#15
Acetone
Concen: 0.873 ppbv
RT: 3.88 min Scan# 341
Delta R.T. 0.04 min
Lab File: VL038861.D
Acq: 8 Apr 2022 4:01

Tgt Ion: 43 Resp: 93369
Ion Ratio Lower Upper
43 100
58 24.4 22.5 33.7





#19

Isopropyl Alcohol

Concen: 7.000 ppbv

RT: 3.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 4:01

Tot Ion:

Ion Ratio

45 100

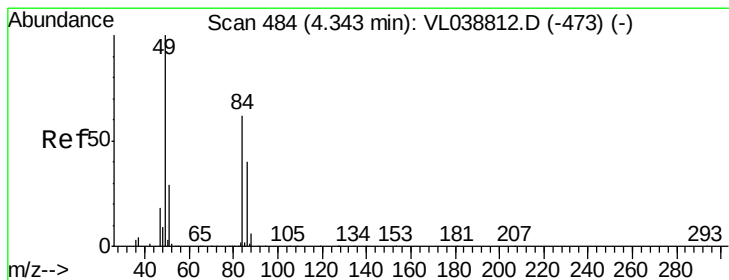
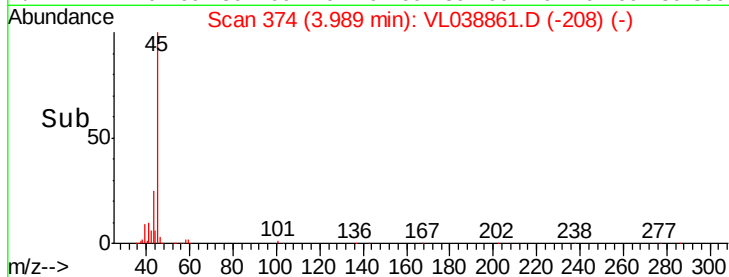
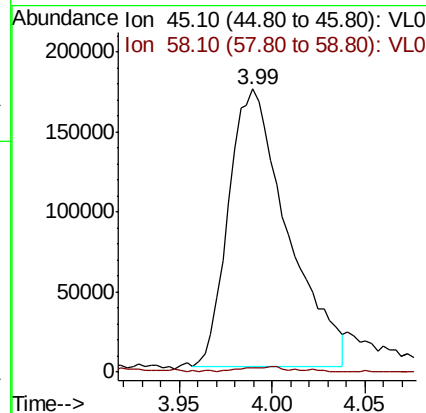
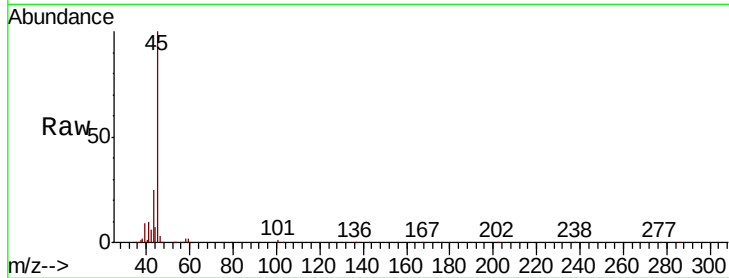
58 2.

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Supervised By :Mahesh Dadoda 04/11/2022



#20

Methylene Chloride

Concen: 0.239 ppbv m

RT: 4.37 min Scan# 493

Delta R.T. 0.03 min

Lab File: VL038861.D

Acq: 8 Apr 2022 4:01

Tgt Ion: 84 Resp: 9255

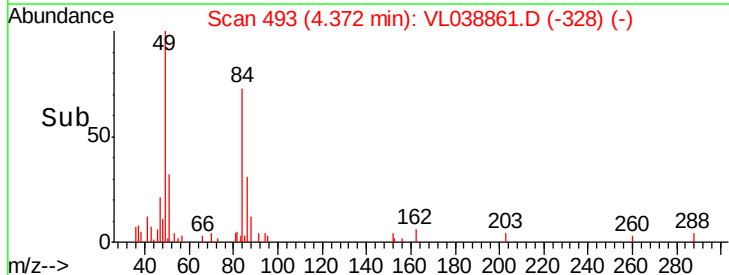
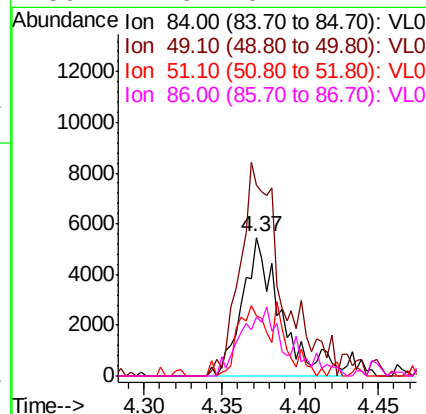
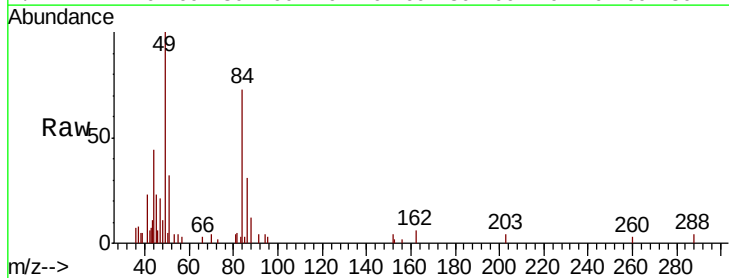
Ion Ratio Lower Upper

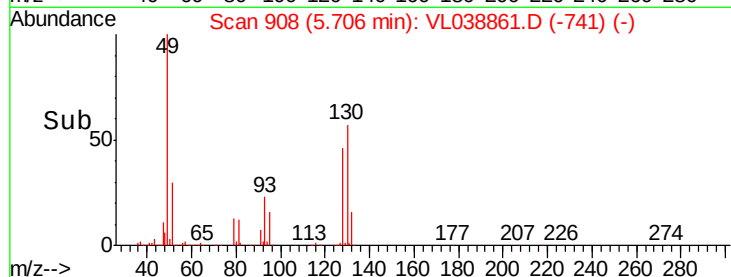
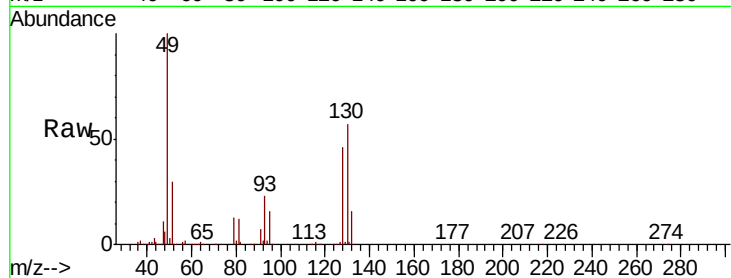
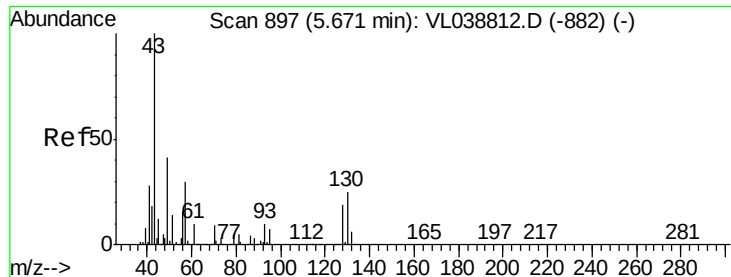
84 100

49 137.4 129.4 194.0

51 43.4 37.4 56.2

86 42.6 51.4 77.2#





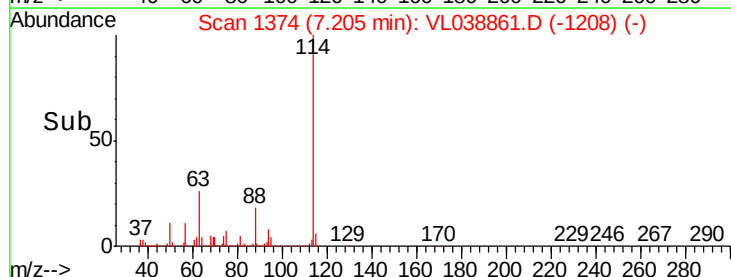
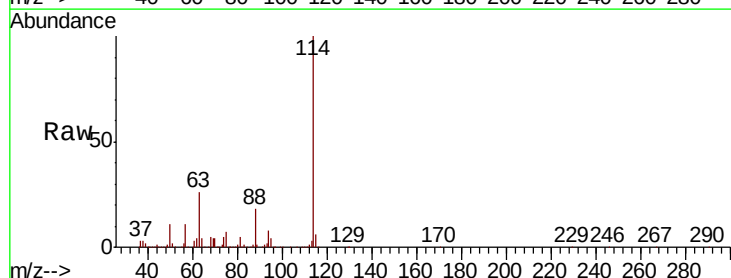
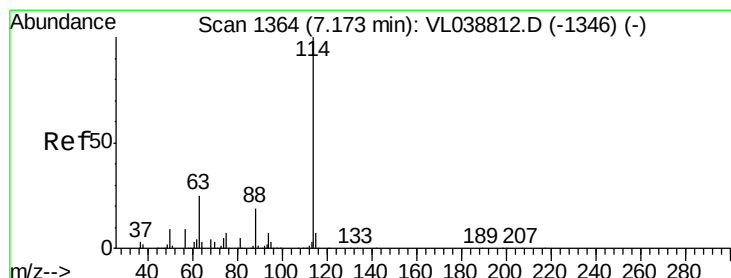
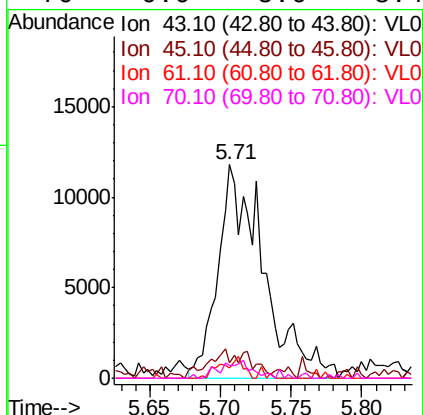
#25
Ethyl Acetate
Concen: 0.097 ppbv m
RT: 5.71 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Apr 2022 4:01

Tot Ion:
Ion Ratio
43 100
45 0.
61 0.
70 0.0

5.6 8.4#

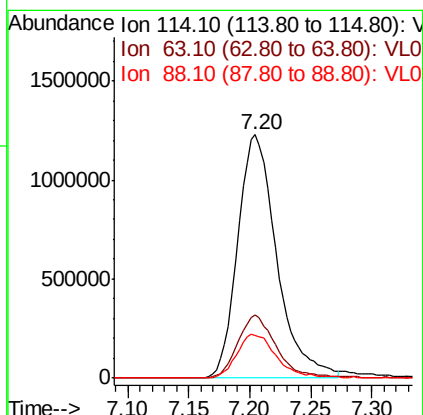
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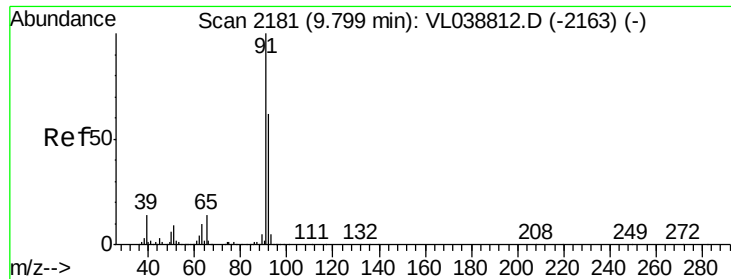
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T.: 0.03 min
Lab File: VL038861.D
Acq: 8 Apr 2022 4:01

Tgt Ion:114 Resp: 2720067
Ion Ratio Lower Upper
114 100
63 26.2 19.8 29.8
88 18.9 14.2 21.4





#53

Toluene

Concen: 0.192 ppbv

RT: 9.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 4:01 1161-8-01-SG-2DL

Tot Ion:

Ion Ratio

91 100

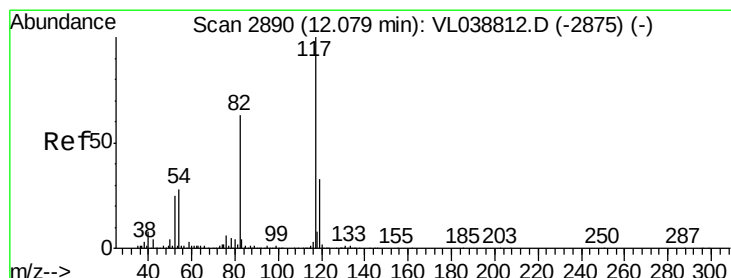
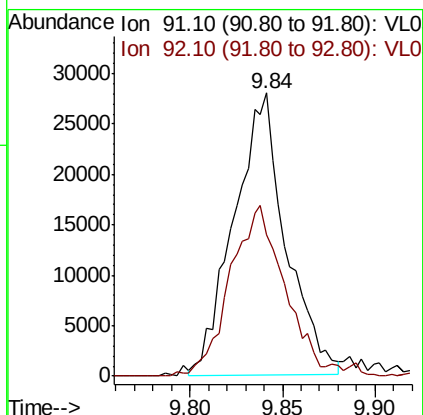
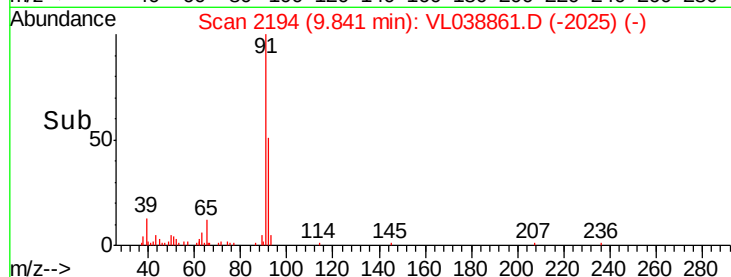
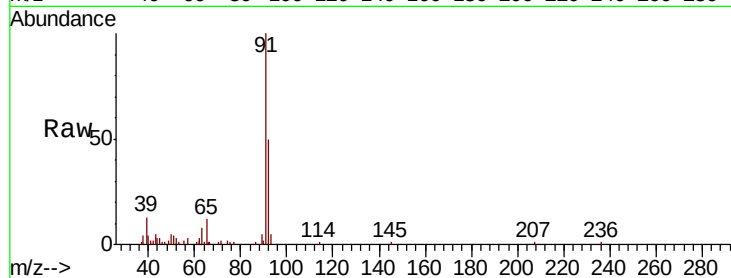
92 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/09/2022

Supervised By :Mahesh Dadoda 04/11/2022



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2901

Delta R.T. 0.04 min

Lab File: VL038861.D

Acq: 8 Apr 2022 4:01

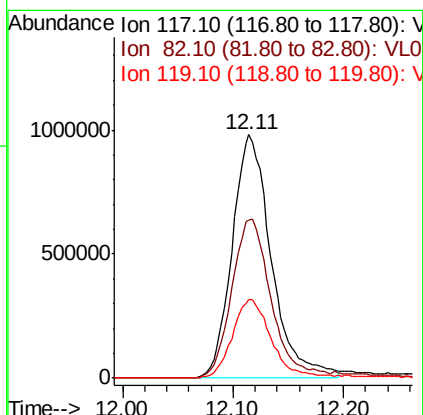
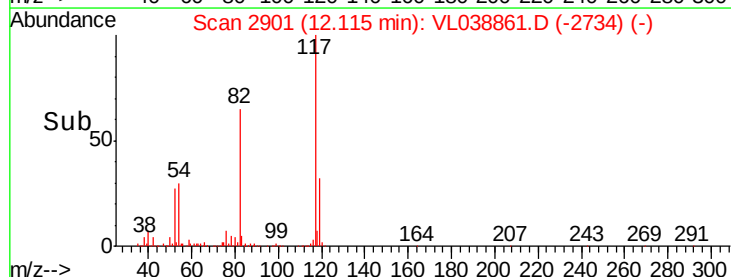
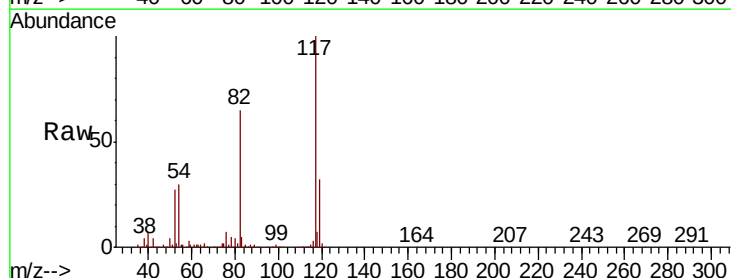
Tgt Ion:117 Resp: 2411172

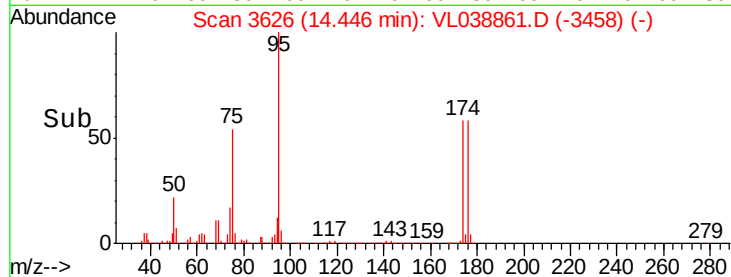
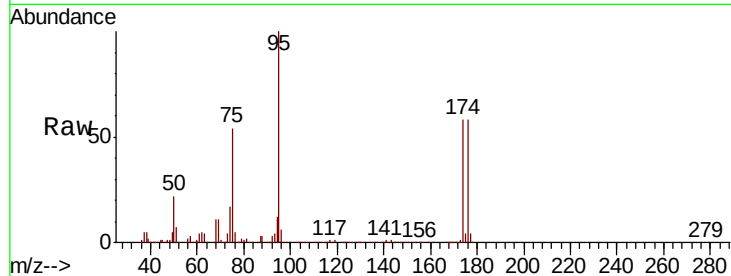
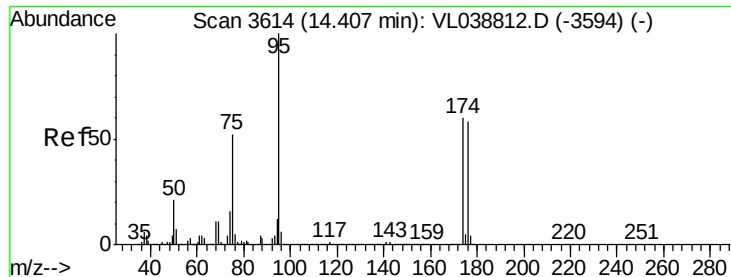
Ion Ratio Lower Upper

117 100

82 69.7 53.0 79.6

119 33.7 24.9 37.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.227 ppbv
 RT: 14.45
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Apr 2022 4.01

Tot Ion:
 Ion Rati
 95 100
 174 63.
 175 4.

Manual Integrations
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