

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038859.D
 Acq On : 8 Apr 2022 2:43
 Operator : SY/AP
 Sample : N2274-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1161-8-01-SG-1DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 08 09:54:43 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	1031771	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.21	114	2811744	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.12	117	2384899	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1913750	10.58	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	20777m	0.312	ppbv	
13) Ethanol	3.65	45	18400m	4.545	ppbv	
15) Acetone	3.90	43	88131	0.858	ppbv #	89
20) Methylene Chloride	4.38	84	11097m	0.298	ppbv	
26) Hexane	5.72	57	23880	0.201	ppbv #	49
36) Benzene	6.93	78	34439m	0.135	ppbv	
53) Toluene	9.84	91	43591	0.148	ppbv	94

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

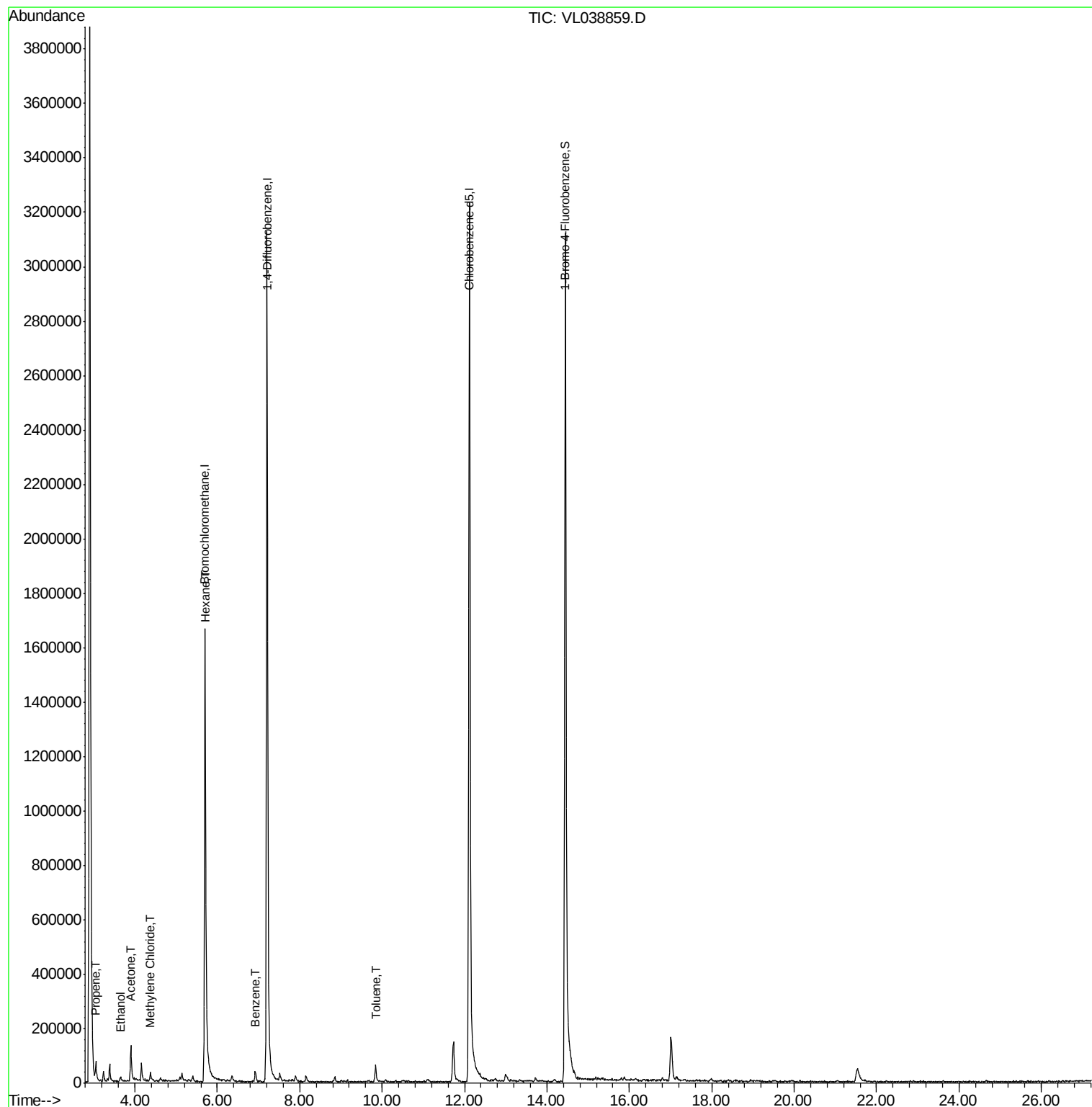
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040722\
Data File : VL038859.D
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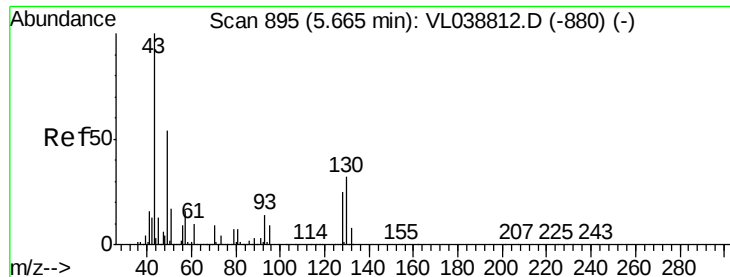
Instrument :
MSVOA_L
ClientSampleId :
1161-8-01-SG-1DL

Quant Time: Apr 08 09:54:43 2022
Quant Method : Z:\V0ASRV\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

Manual Integrations
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Supervised By :Mahesh Dadoda 04/11/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 8 Apr 2022 2:43

Tot Ion:

Ion Ratio

49 100

128 49.

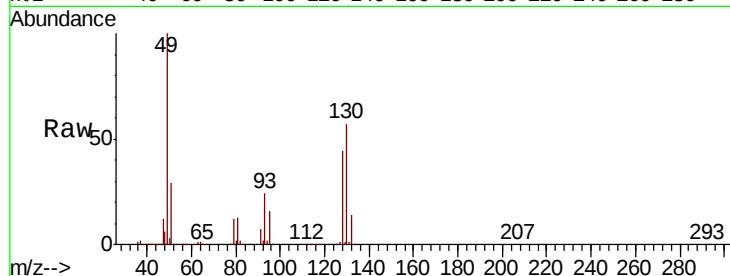
130 63.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/09/2022

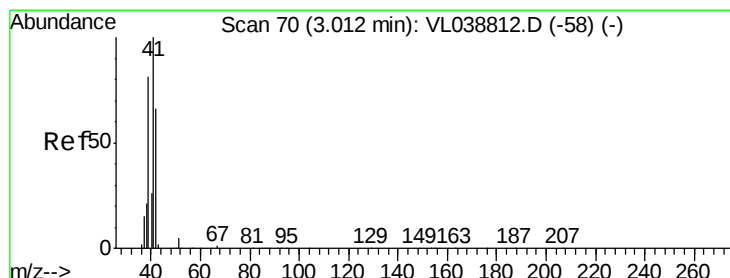
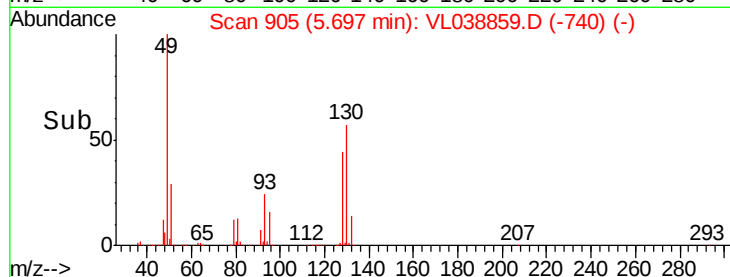
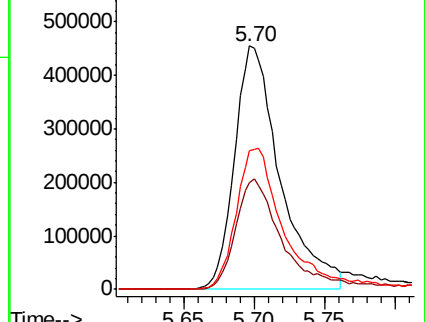
Supervised By :Mahesh Dadoda 04/11/2022



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.312 ppbv m

RT: 3.05 min Scan# 82

Delta R.T. 0.04 min

Lab File: VL038859.D

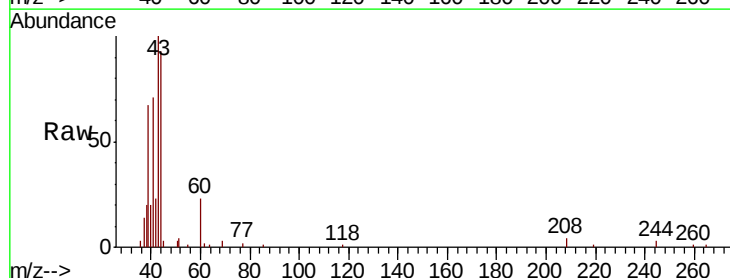
Acq: 8 Apr 2022 2:43

Tgt Ion: 41 Resp: 20777

Ion Ratio Lower Upper

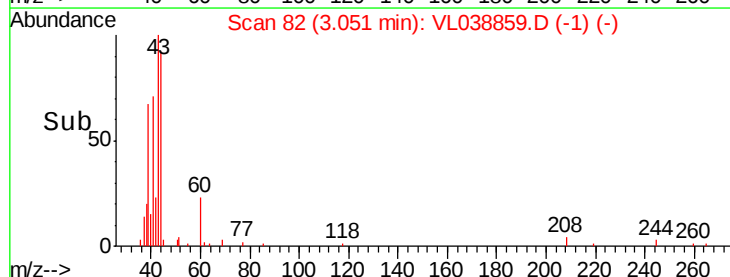
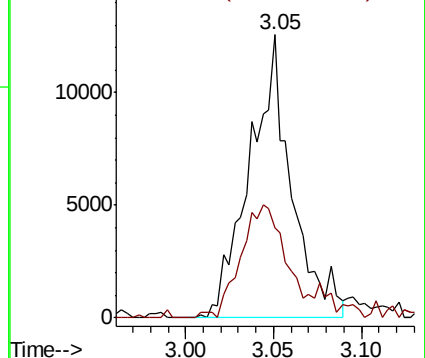
41 100

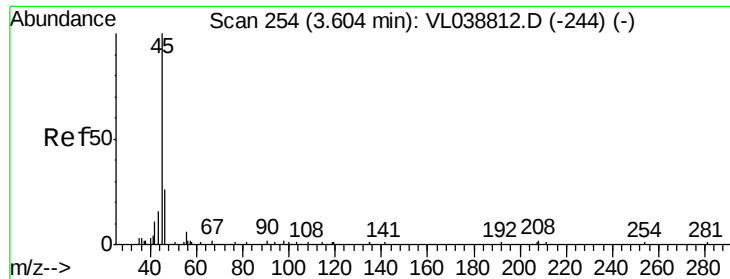
42 49.3 54.2 81.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 4.545 ppbv m

RT: 3.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Apr 2022 2:43 1161-8-01-SG-1DL

Tot Ion:

Ion Ratio

45 100

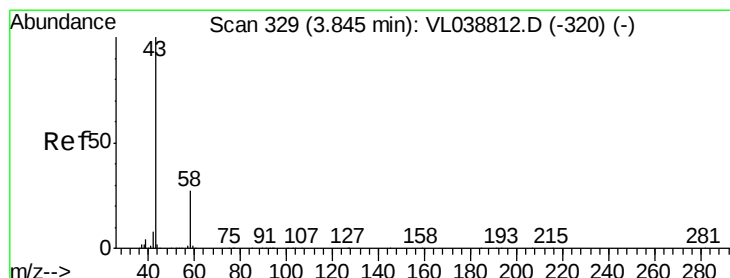
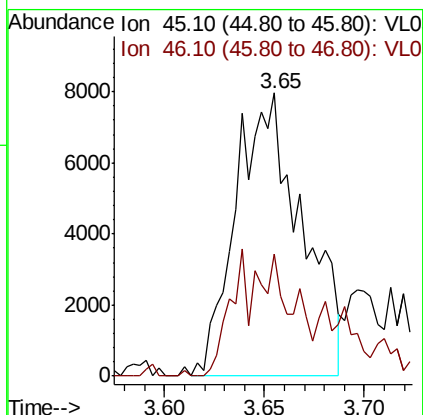
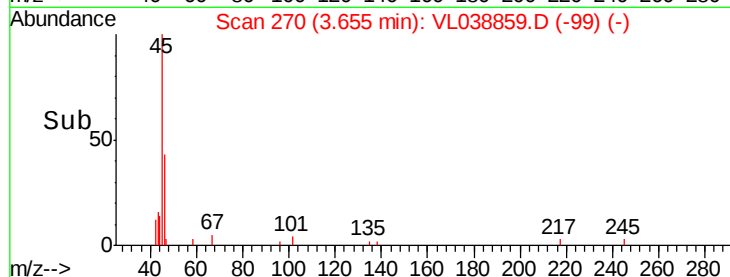
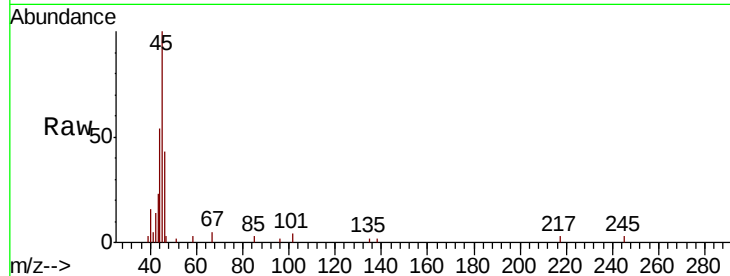
46 34.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/09/2022

Supervised By :Mahesh Dadoda 04/11/2022



#15

Acetone

Concen: 0.858 ppbv

RT: 3.90 min Scan# 346

Delta R.T. 0.05 min

Lab File: VL038859.D

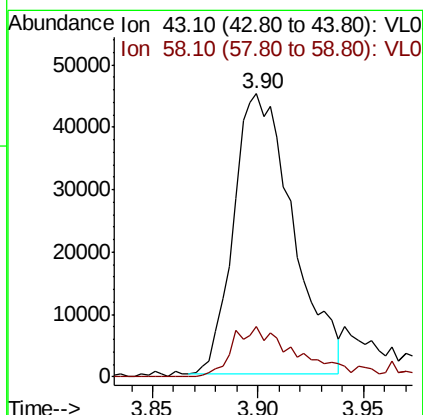
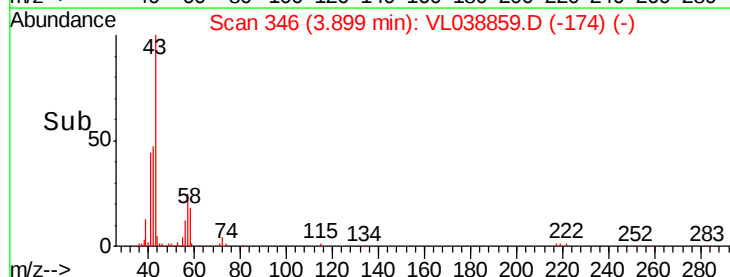
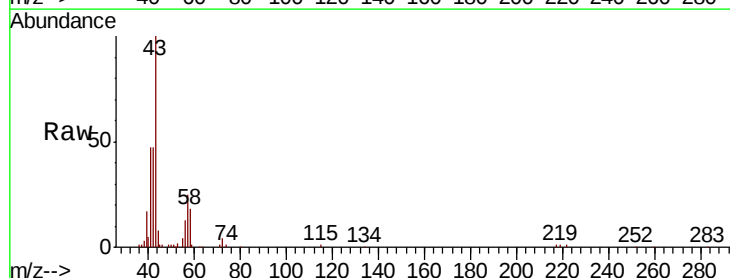
Acq: 8 Apr 2022 2:43

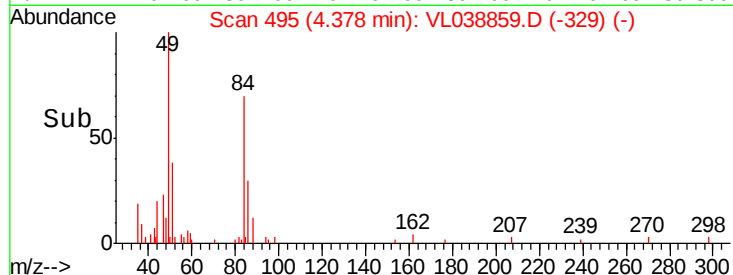
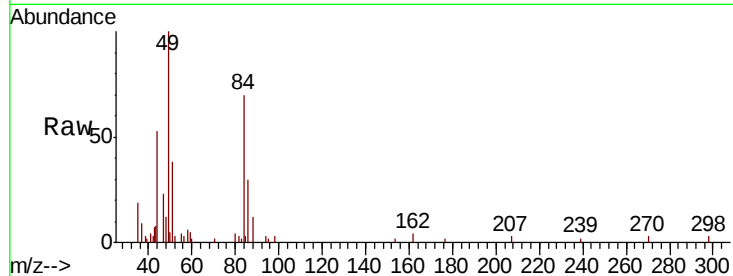
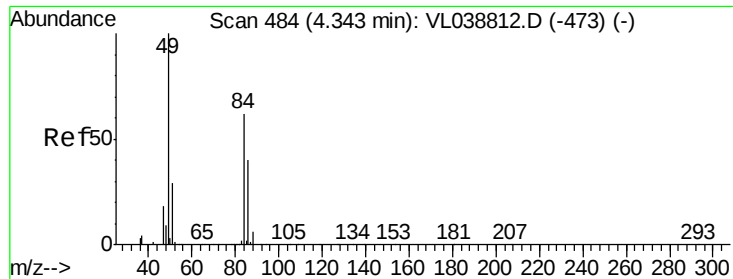
Tgt Ion: 43 Resp: 88131

Ion Ratio Lower Upper

43 100

58 22.2 22.5 33.7#



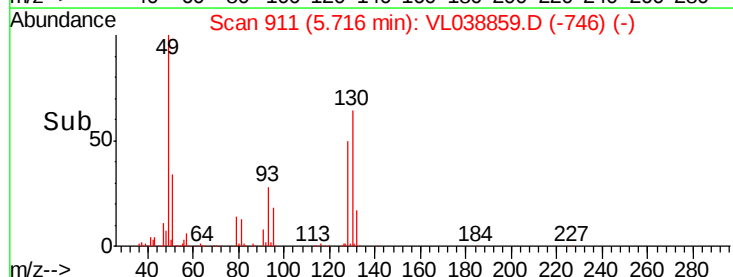
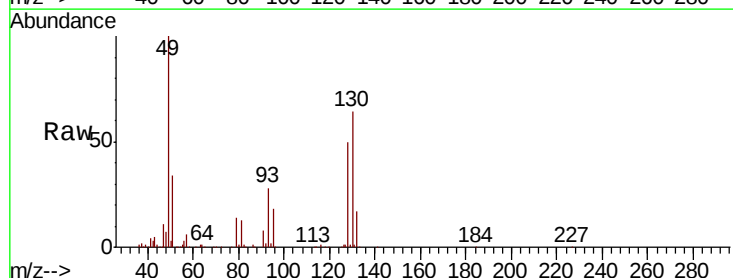
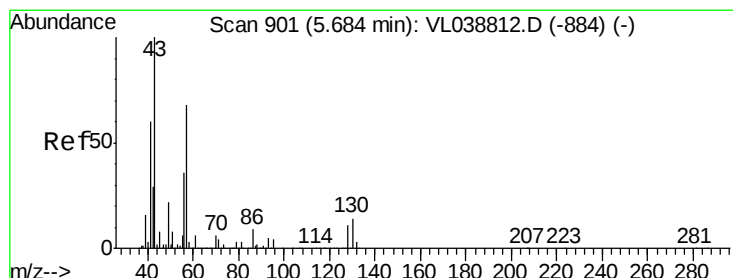
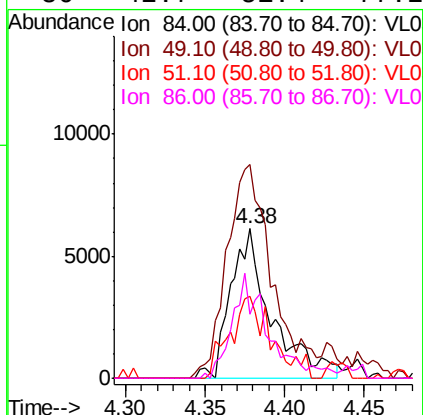


#20
Methvlene Chloride
Concen: 0.298 ppbv m
RT: 4.38
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId :
Acq: 8 Apr 2022 2:43

Tot Ion:
Ion Ratio
84 100
49 142.
51 54.
86 42.7 51.4 77.2#

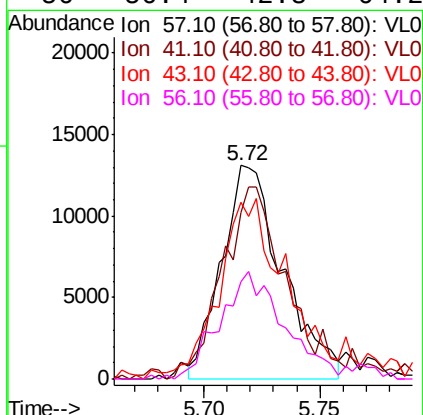
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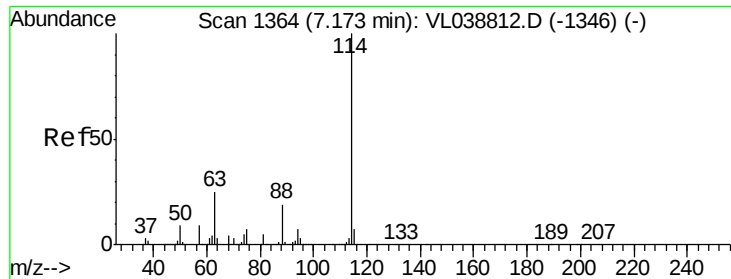
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#26
Hexane
Concen: 0.201 ppbv
RT: 5.72 min Scan# 911
Delta R.T. 0.03 min
Lab File: VL038859.D
Acq: 8 Apr 2022 2:43

Tgt Ion: 57 Resp: 23880
Ion Ratio Lower Upper
57 100
41 101.3 72.0 108.0
43 103.9 186.6 280.0#
56 56.4 42.8 64.2



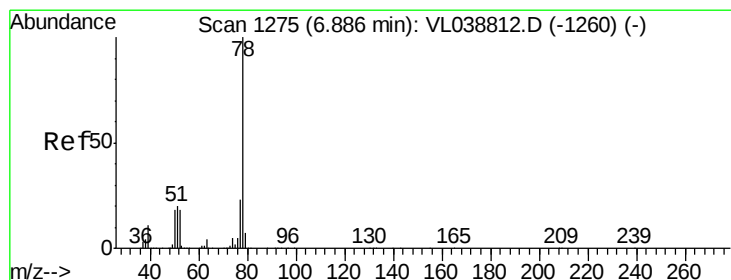
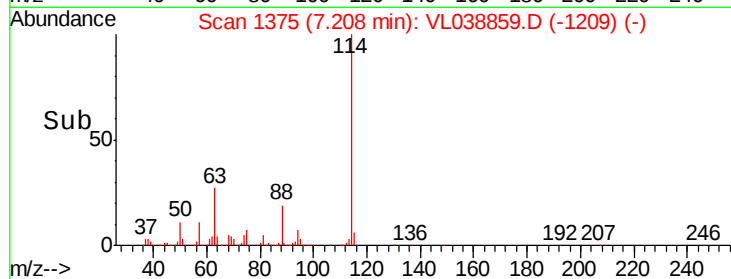
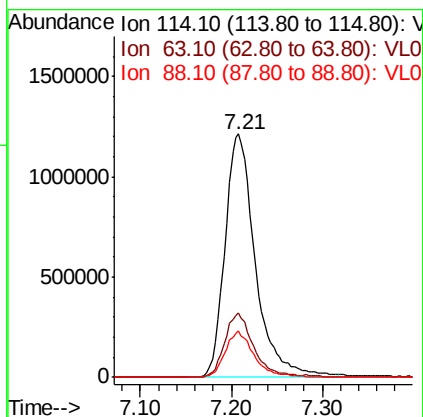
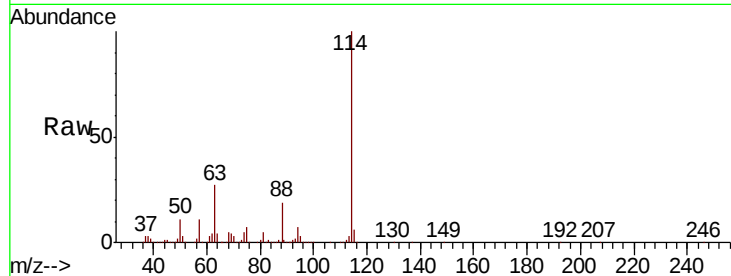


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 8 Apr 2022 2:43

Tot Ion:1
 Ion Rati
 114 100
 63 25.
 88 18.

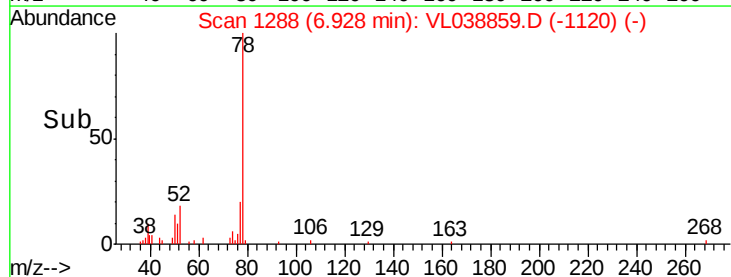
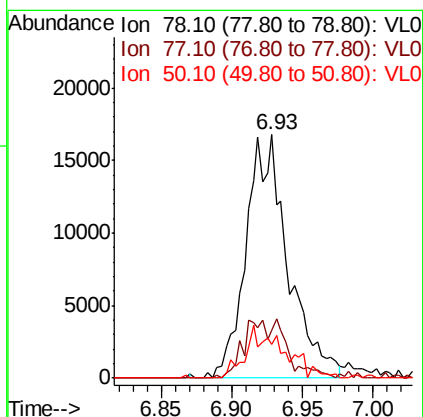
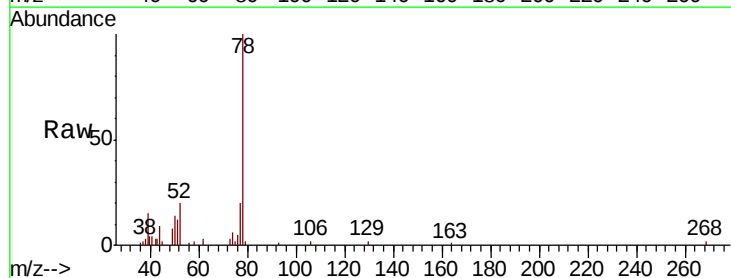
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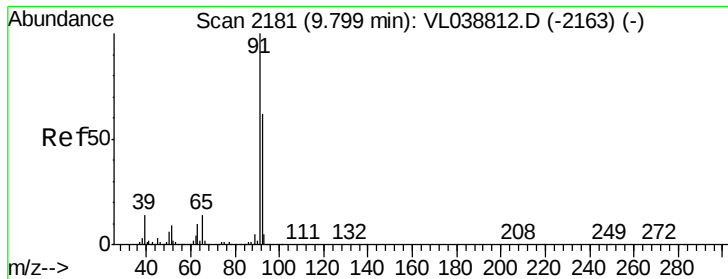
Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#36
 Benzene
 Concen: 0.135 ppbv m
 RT: 6.93 min Scan# 1288
 Delta R.T. 0.04 min
 Lab File: VL038859.D
 Acq: 8 Apr 2022 2:43

Tgt Ion: 78 Resp: 34439
 Ion Ratio Lower Upper
 78 100
 77 19.6 18.2 27.2
 50 13.9 14.0 21.0#





#53

Toluene

Concen: 0.148 ppbv

RT: 9.84 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: 1161-8-01-SG-1DL

Acq: 8 Apr 2022 2:43

Tot Ion:

Ion Ratio

91 100

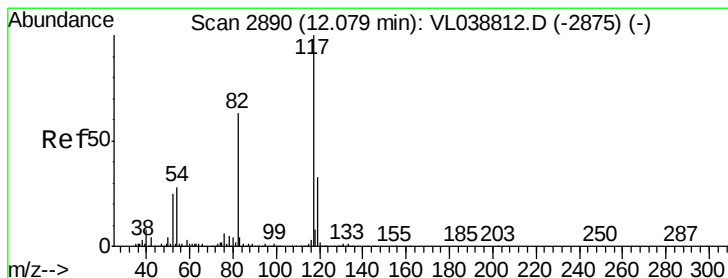
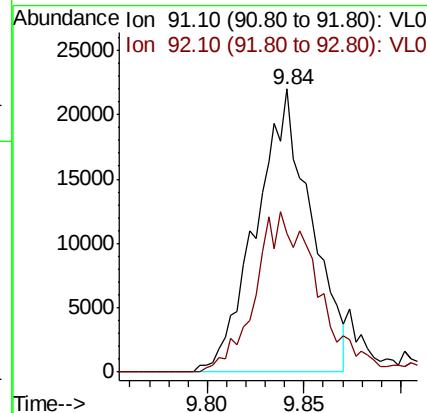
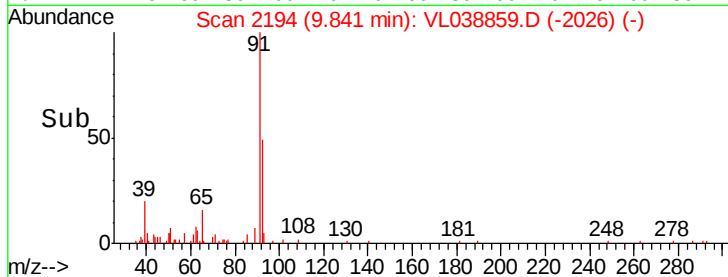
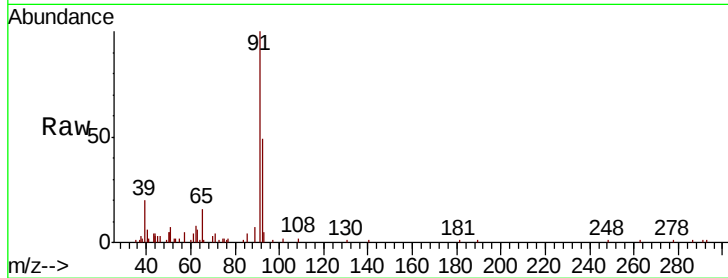
92 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022

Supervised By :Mahesh Dadoda 04/11/2022



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2902

Delta R.T. 0.04 min

Lab File: VL038859.D

Acq: 8 Apr 2022 2:43

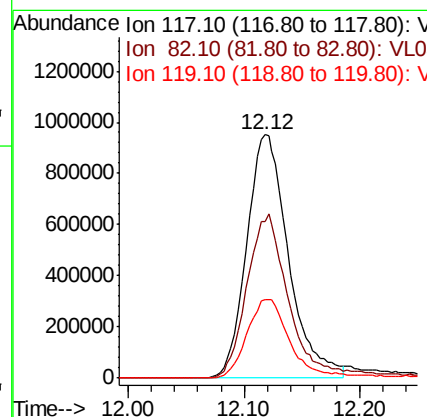
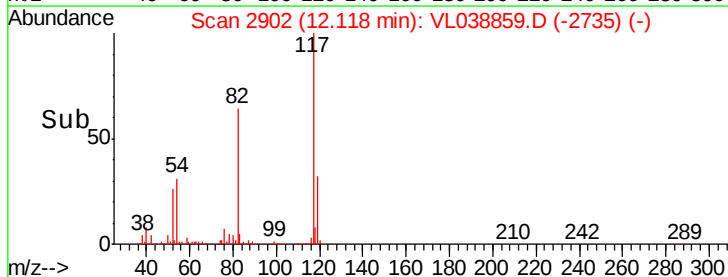
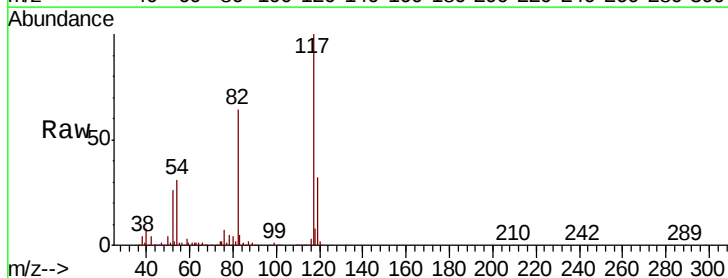
Tgt Ion:117 Resp: 2384899

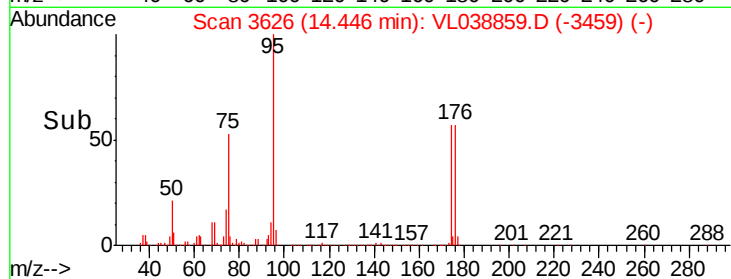
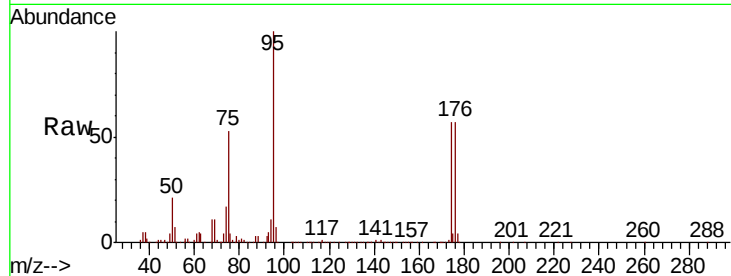
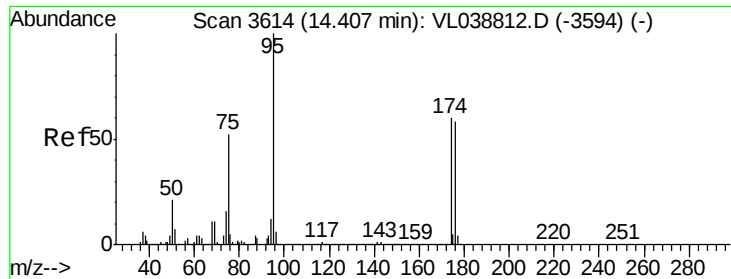
Ion Ratio Lower Upper

117 100

82 70.3 53.0 79.6

119 33.8 24.9 37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.579 ppbv

RT: 14.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 2.45

Tot Ion:

Ion Ratio

95 100

174 63.

175 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022

Supervised By :Mahesh Dadoda 04/11/2022

