

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
 Data File : VL038759.D
 Acq On : 25 Mar 2022 8:06
 Operator : SY/AP
 Sample : N2078-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V-10DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 23:30:07 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	16803m	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.19	114	1778166	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	1750990	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1298993	9.68	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Heptane	8.15	43	6042m	2.95	ppbv	
15) Acetone	3.90	43	5499m	3.79	ppbv	
26) Hexane	5.71	57	4008m	2.45	ppbv	
36) Benzene	6.91	78	28788	0.21	ppbv	96
53) Toluene	9.83	91	99396	0.67	ppbv	99

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

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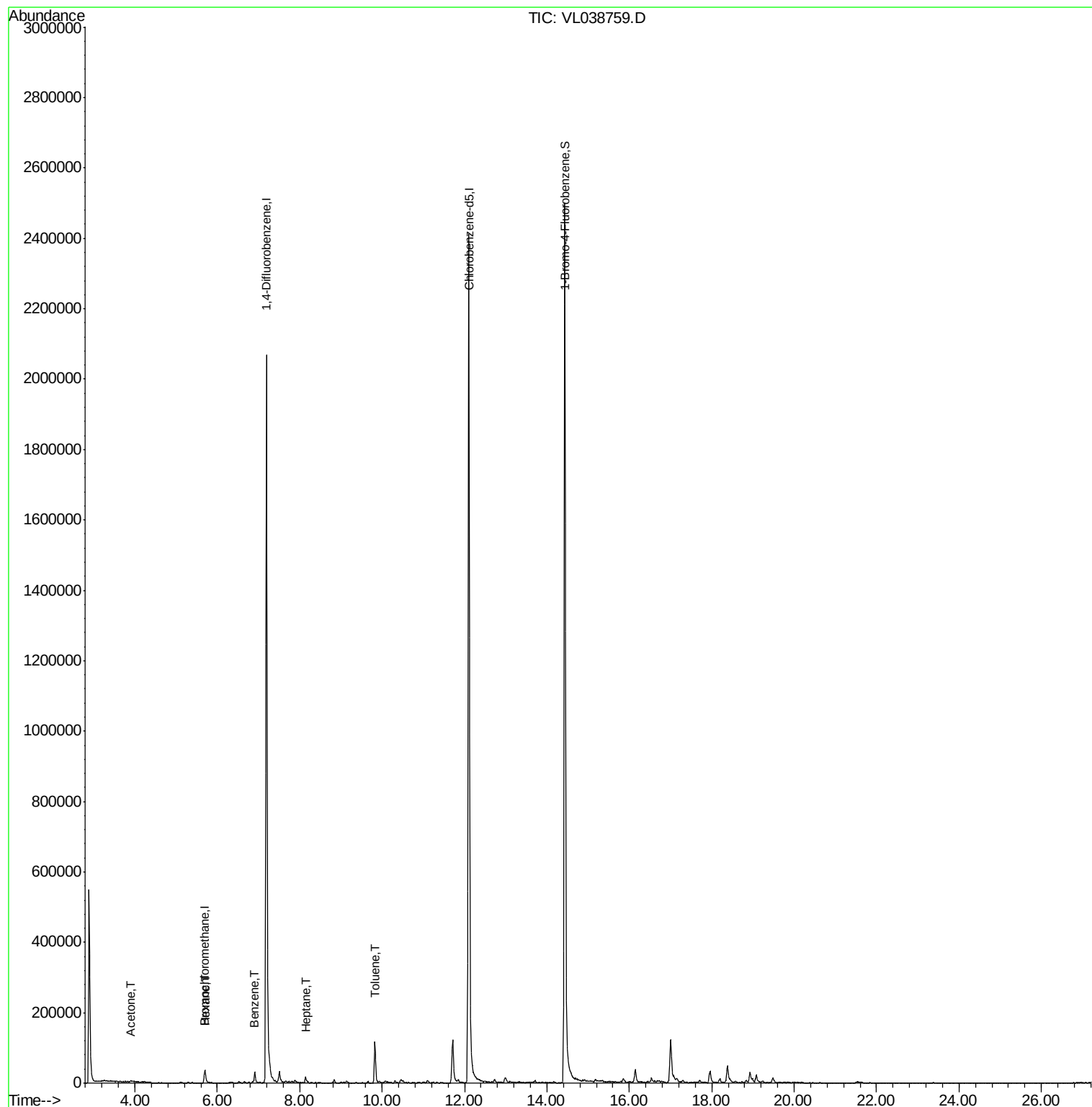
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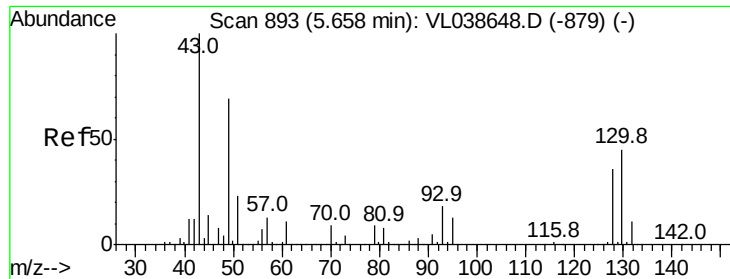
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Mar 21 17:09:26 2022

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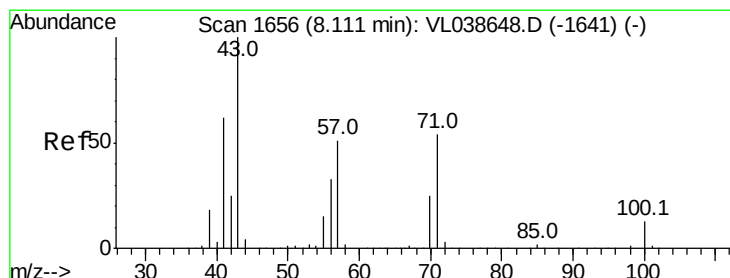
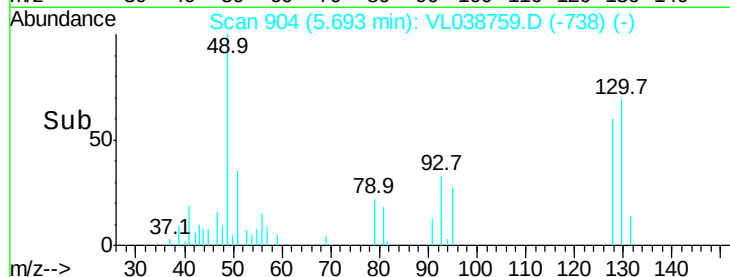
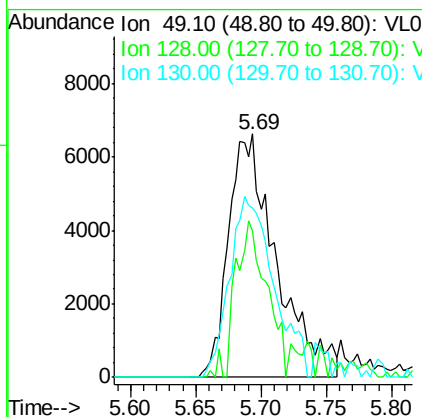
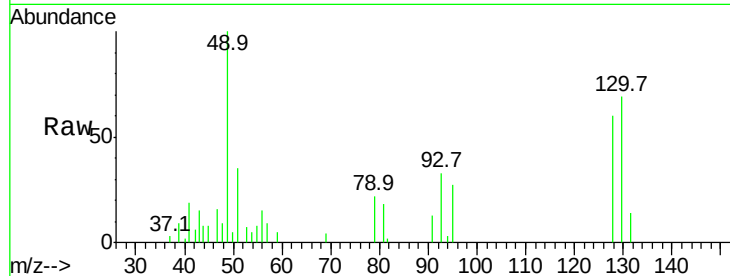


#1
 Bromochloromethane
 Concen: 10.00 ppbv m
 RT: 5.69
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 V-10DUP
 Acq: 25 Mar 2022 8:00

Tgt Ion:
 Ion Ratio
 49 100
 128 0.
 130 0.

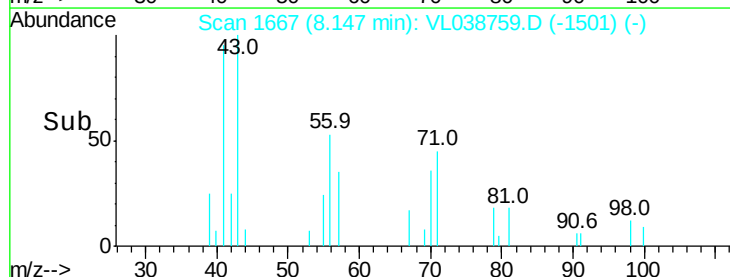
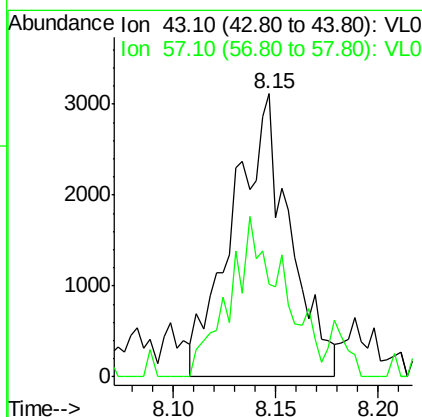
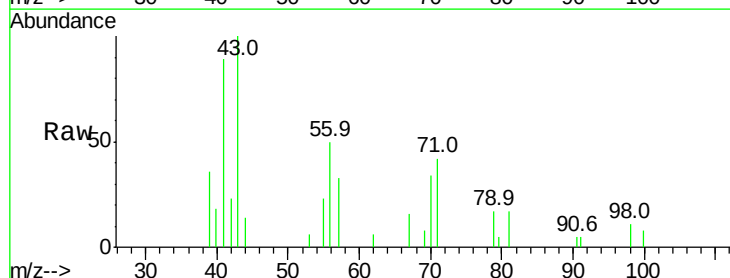
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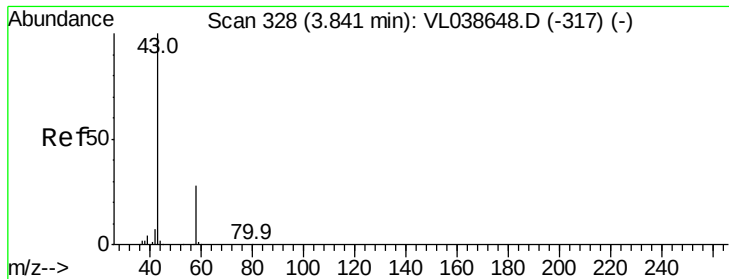
Reviewed By :Semsettin Yesilyurt 03/26/2022
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#10
 Heptane
 Concen: 2.95 ppbv m
 RT: 8.15 min Scan# 1667
 Delta R.T. 0.04 min
 Lab File: VL038759.D
 Acq: 25 Mar 2022 8:06

Tgt Ion: 43 Resp: 6042
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.4 62.2#



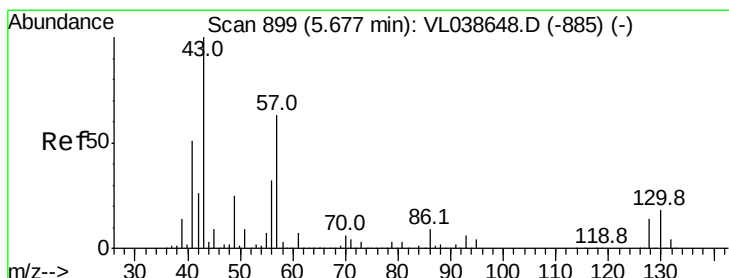
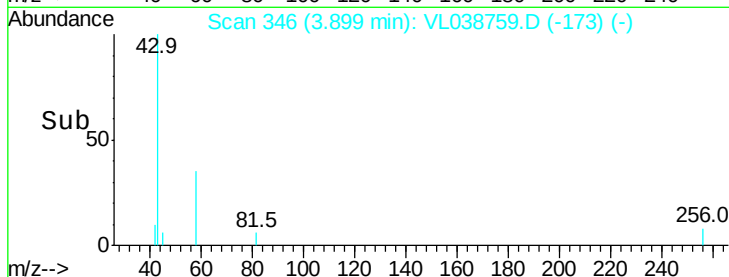
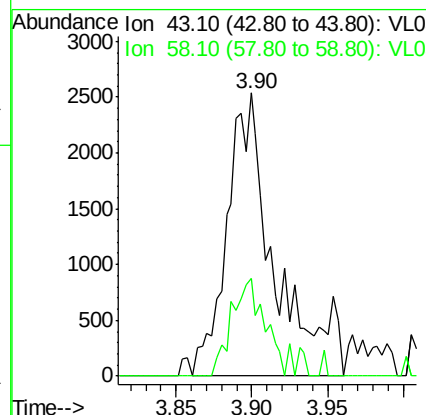
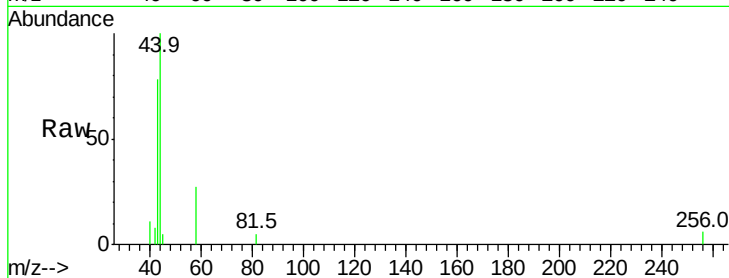


#15
Acetone
Concen: 3.79 ppbv m
RT: 3.90
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2022 8:00

Tgt Ion:
Ion Ratio
43 100
58 0.

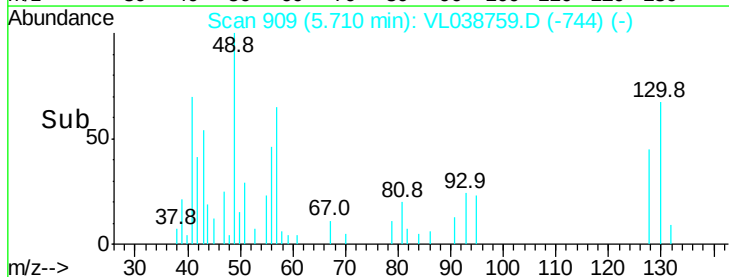
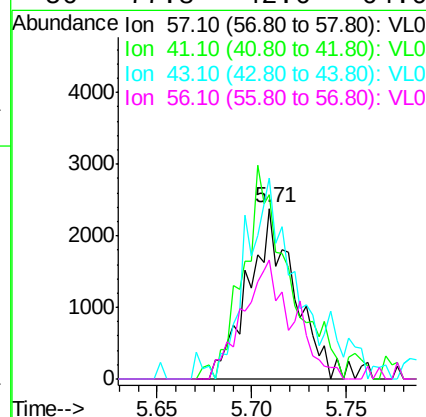
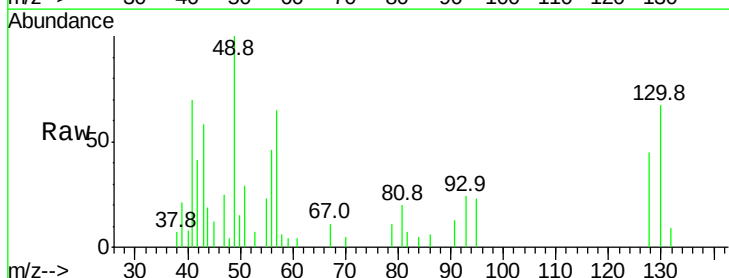
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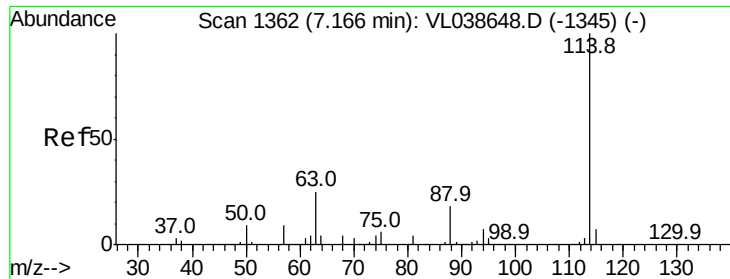
Reviewed By :Semsettin Yesilyurt 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#26
Hexane
Concen: 2.45 ppbv m
RT: 5.71 min Scan# 909
Delta R.T. 0.03 min
Lab File: VL038759.D
Acq: 25 Mar 2022 8:06

Tgt Ion: 57 Resp: 4008
Ion Ratio Lower Upper
57 100
41 132.5 67.0 100.4#
43 140.5 184.2 276.2#
56 77.8 42.6 64.0#



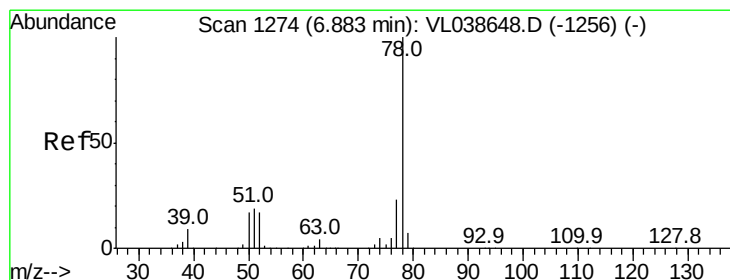
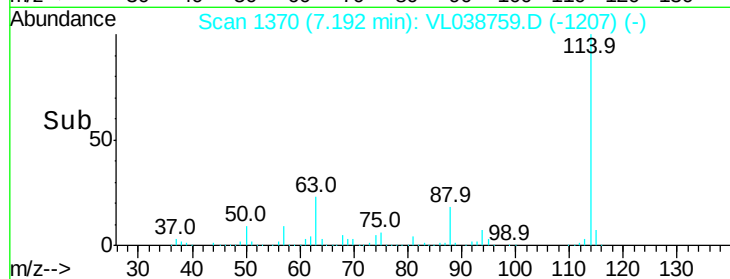
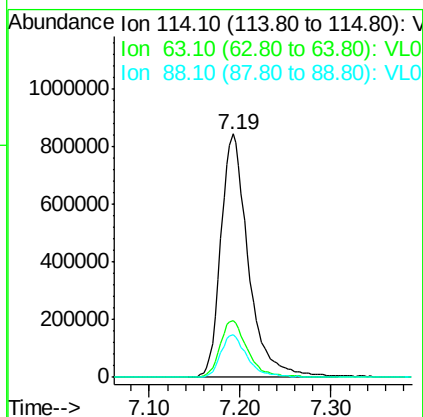
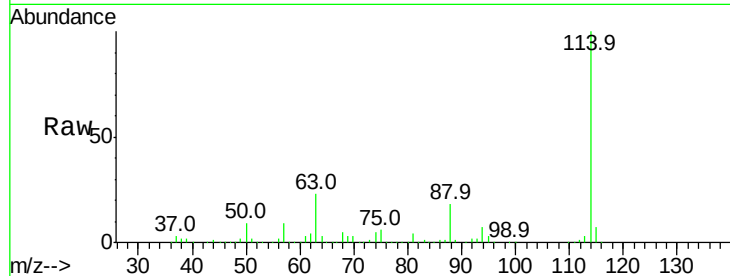


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.19
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 V-10DUP
 Acq: 25 Mar 2022 8:00

Tgt Ion: 1
 Ion Ratio
 114 100
 63 23.
 88 17.

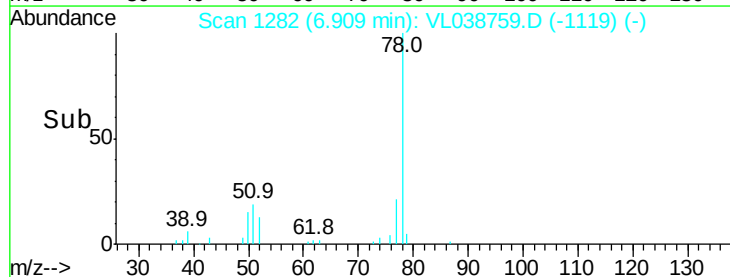
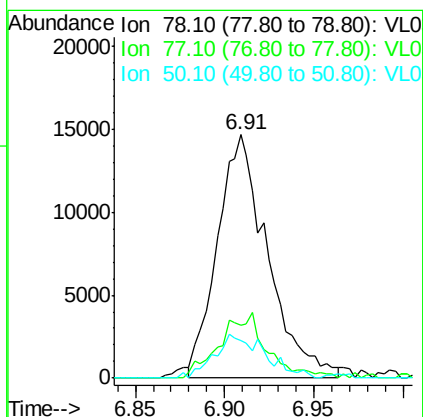
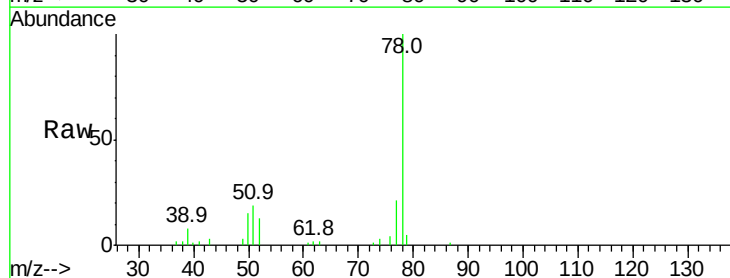
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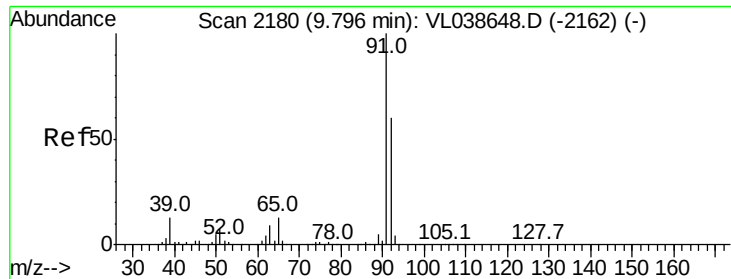
Reviewed By : Semsettin Yesilyurt 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022



#36
 Benzene
 Concen: 0.21 ppbv
 RT: 6.91 min Scan# 1282
 Delta R.T.: 0.03 min
 Lab File: VL038759.D
 Acq: 25 Mar 2022 8:06

Tgt Ion: 78 Resp: 28788
 Ion Ratio Lower Upper
 78 100
 77 19.8 18.1 27.1
 50 15.8 13.6 20.4





#53

Toluene

Concen: 0.67 ppbv

RT: 9.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2022 8:00

Tgt Ion:

Ion Ratio

91 100

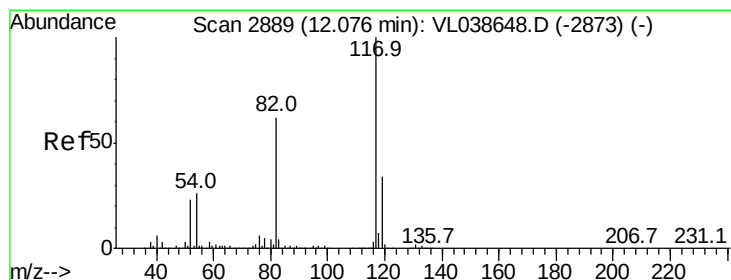
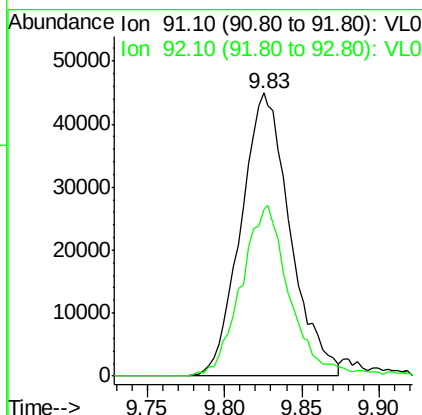
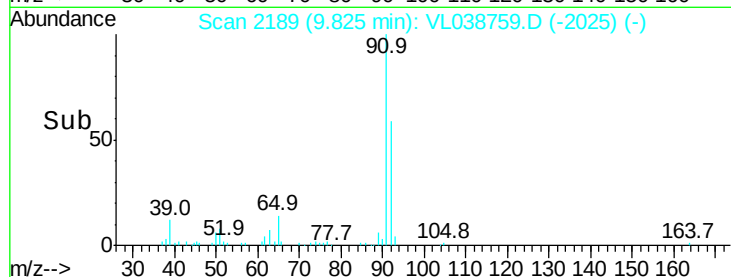
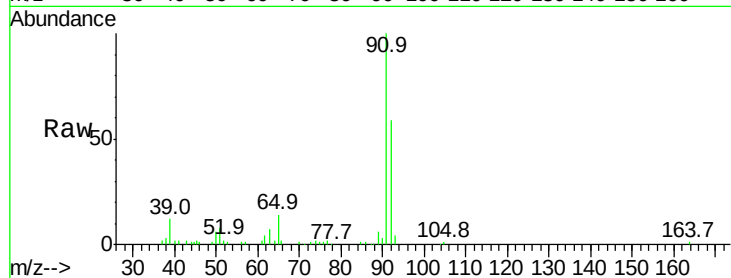
92 60.

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. 0.03 min

Lab File: VL038759.D

Acq: 25 Mar 2022 8:06

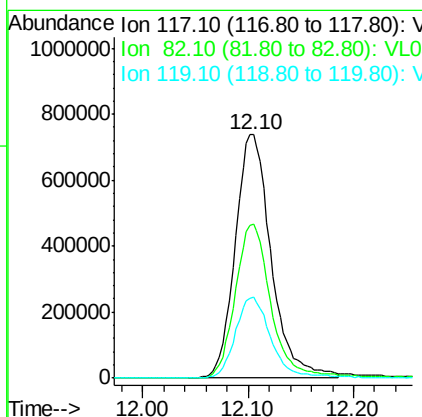
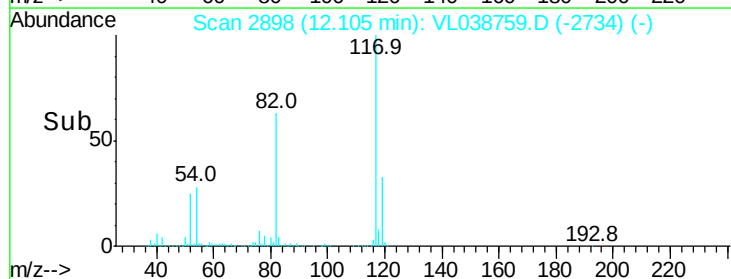
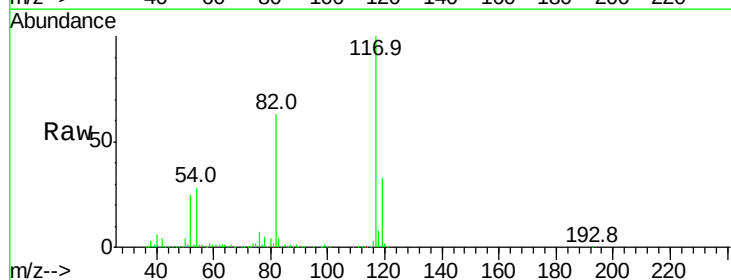
Tgt Ion:117 Resp: 1750990

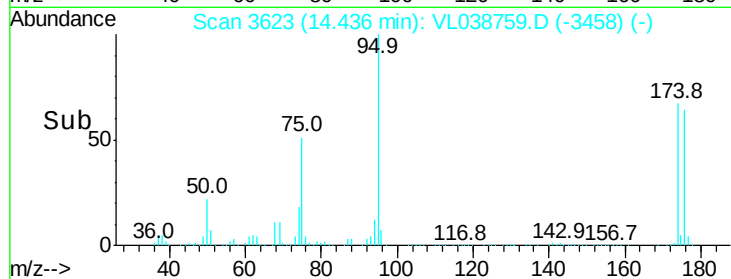
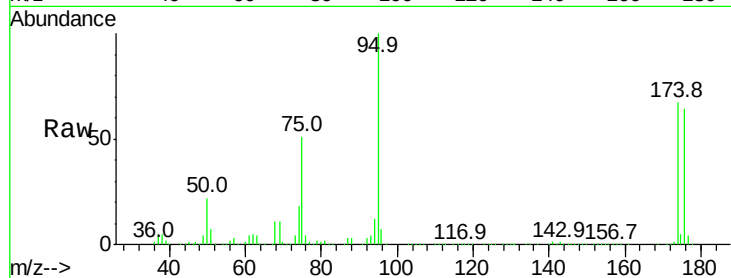
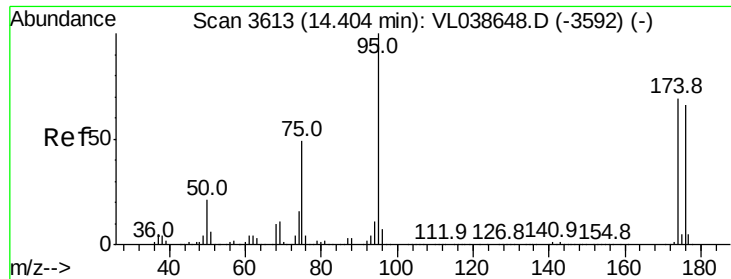
Ion Ratio Lower Upper

117 100

82 64.5 51.6 77.4

119 33.6 26.9 40.3





#68

1-Bromo-4-Fluorobenzene

Concen: 9.68 ppbv

RT: 14.44

Delta R.T

Lab File: ClientSampleId :

V-10DUP

Acq: 25 Mar 2022 8:00

Tgt Ion:

Ion Ratio

95 100

174 69.

175 5.

Manual Integrations

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