

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
 Data File : VL038594.D
 Acq On : 14 Mar 2022 13:29
 Operator : SY/AP
 Sample : N1885-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

Quant Time: Mar 15 21:56:09 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	785519	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	2079647	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	1876213	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1429159	10.02	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	14250	0.29	ppbv	85
13) Ethanol	3.60	45	36131m	6.44	ppbv	
15) Acetone	3.84	43	104252	1.88	ppbv	94
20) Methylene Chloride	4.32	84	133459	4.00	ppbv	98
26) Hexane	5.66	57	34826	0.40	ppbv #	44
34) 2-Butanone	5.23	43	54364	1.01	ppbv #	90
53) Toluene	9.77	91	167848	0.84	ppbv	99
58) Ethyl Benzene	12.68	91	32402	0.13	ppbv	99
59) m/p-Xylene	12.93	91	88313m	0.42	ppbv	
60) o-Xylene	13.65	91	33781m	0.17	ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	31417m	0.14	ppbv	

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

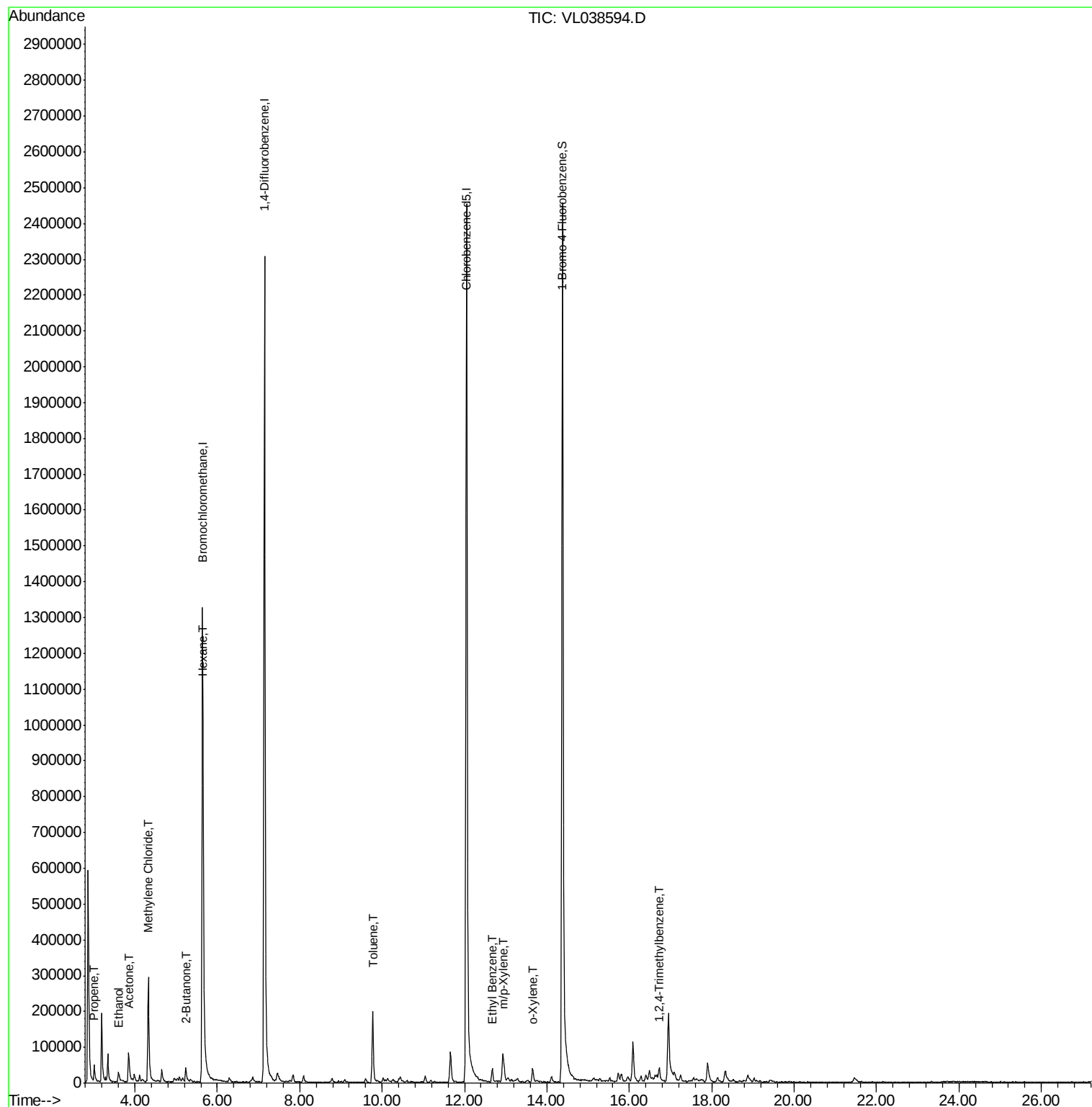
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
Data File : VL038594.D
Acq On : 14 Mar 2022 13:29
Operator : SY/AP
Sample : N1885-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

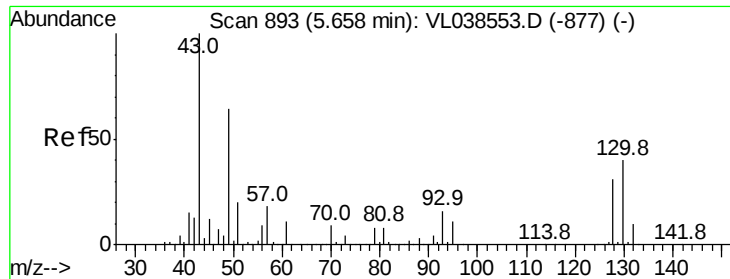
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL

Quant Time: Mar 15 21:56:09 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL030822
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.64 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId :

Acq: 14 Mar 2022 13:29

Tgt Ion:

Ion Ratio

49 100

128 53.

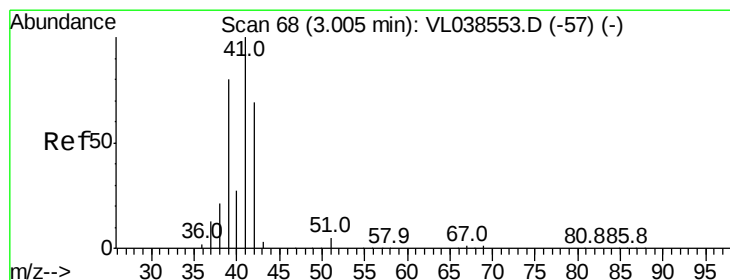
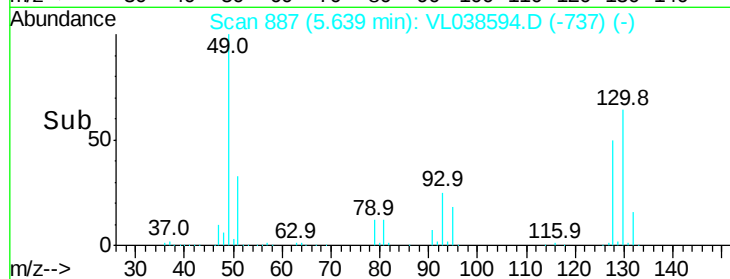
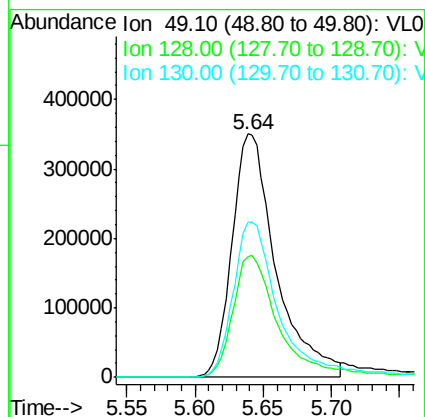
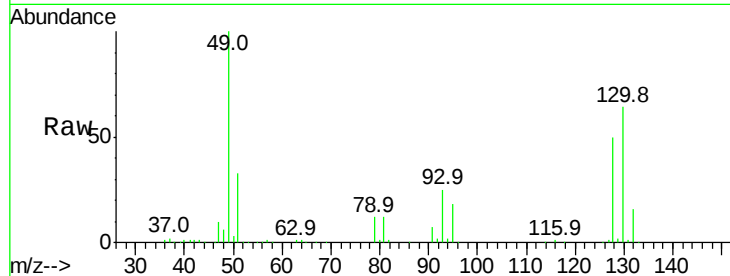
130 67.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/18/2022



#9

Propene

Concen: 0.29 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VL038594.D

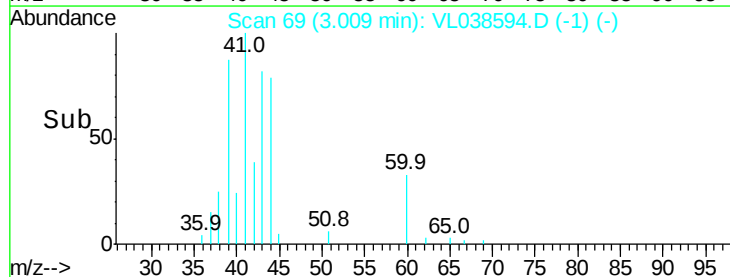
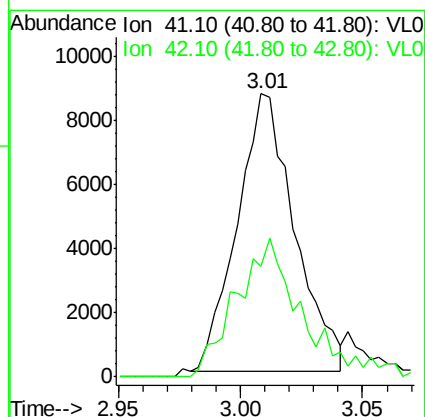
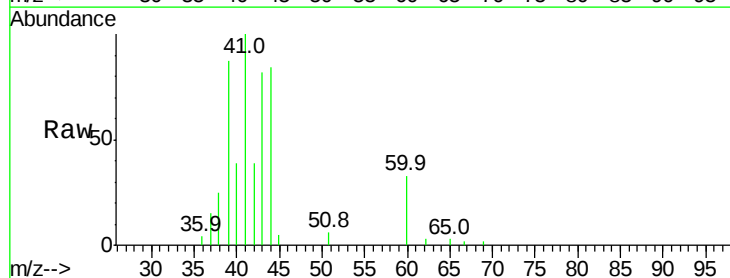
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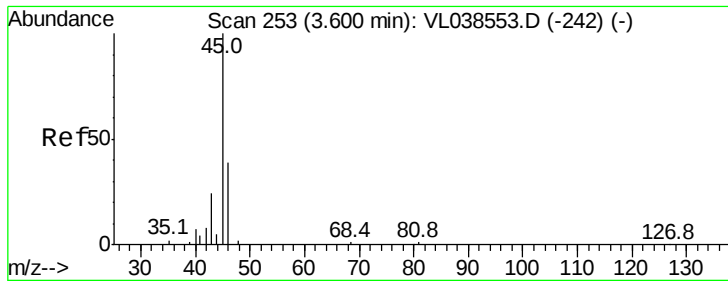
Tgt Ion: 41 Resp: 14250

Ion Ratio Lower Upper

41 100

42 57.0 55.7 83.5



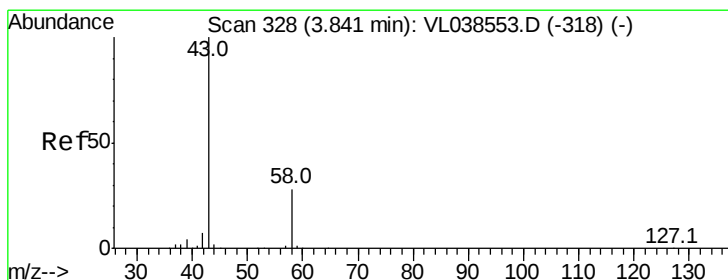
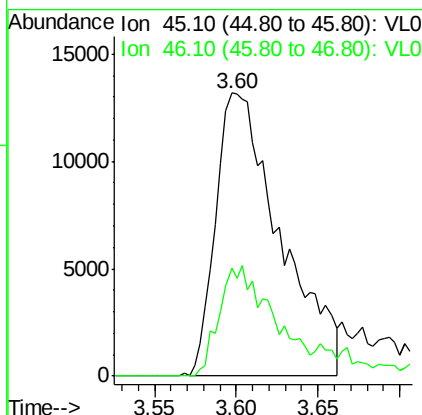
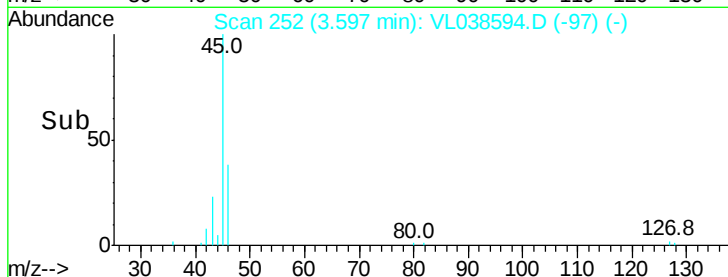
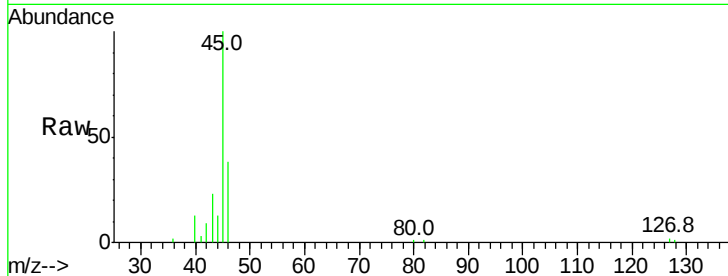


#13
Ethanol
Concen: 6.44 ppbv m
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Mar 2022 13:29

Tgt Ion:
Ion Ratio
45 100
46 41.

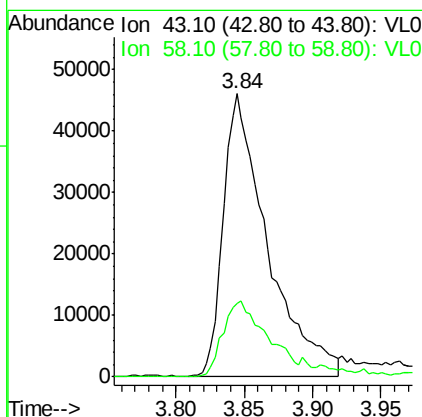
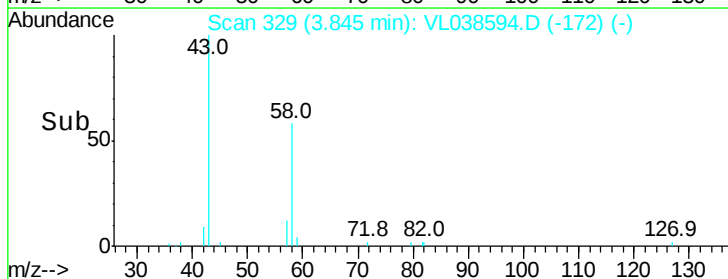
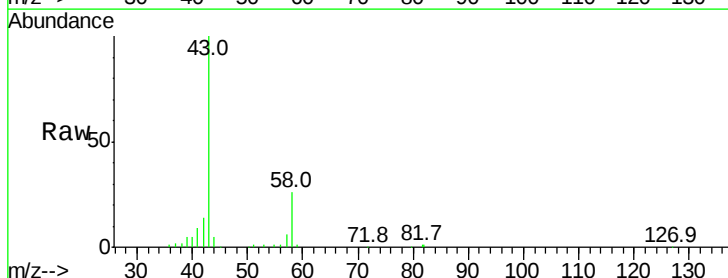
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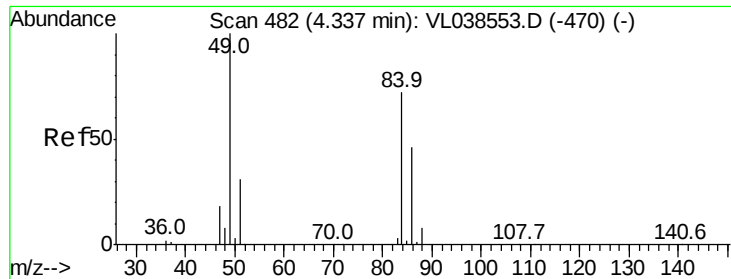
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#15
Acetone
Concen: 1.88 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.00 min
Lab File: VL038594.D
Acq: 14 Mar 2022 13:29

Tgt Ion: 43 Resp: 104252
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1



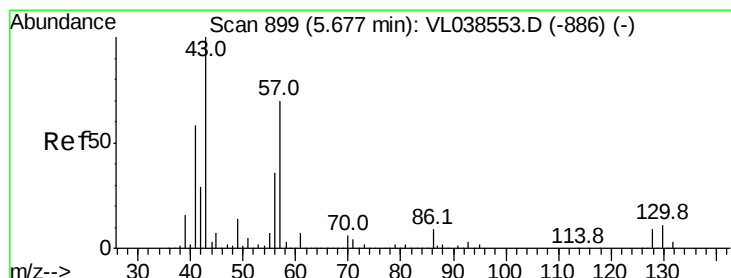
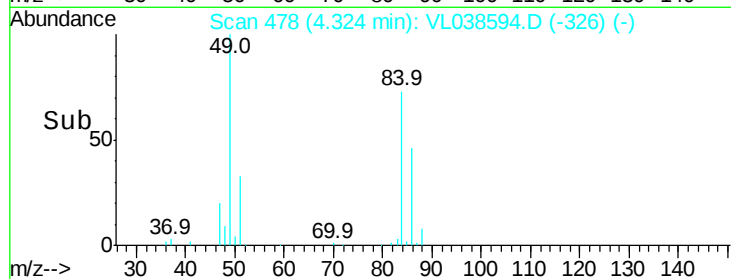
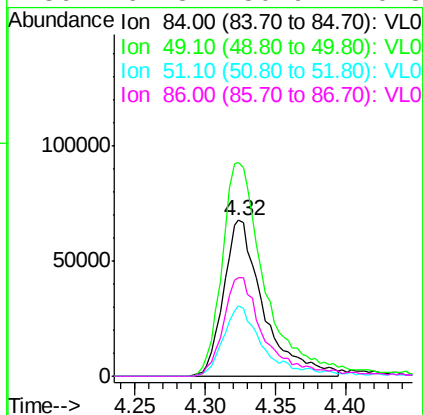
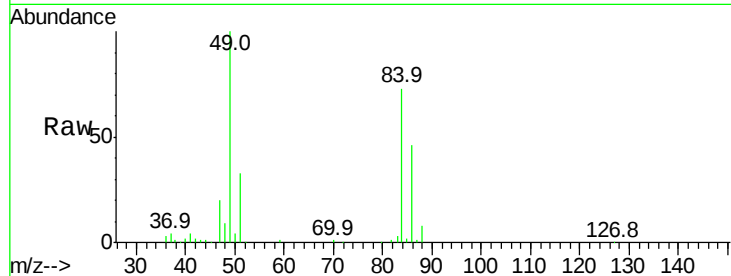


#20
Methylene Chloride
Concen: 4.00 ppbv
RT: 4.32
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Mar 2022 13:29

Tgt Ion:
Ion Ratio
84 100
49 137.
51 45.
86 62.8 50.9 76.3

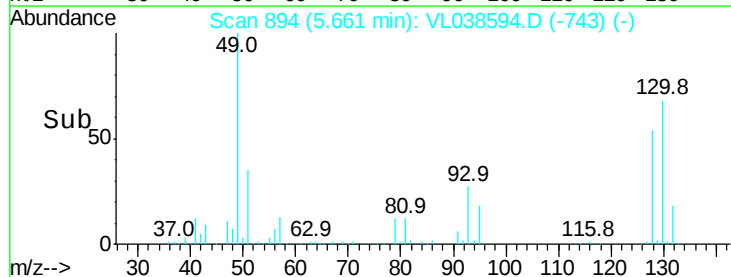
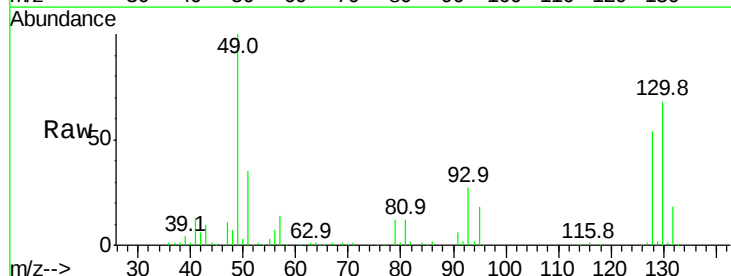
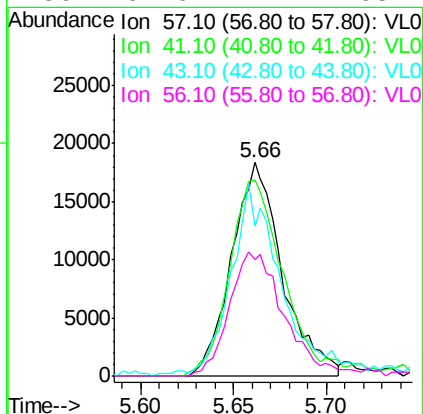
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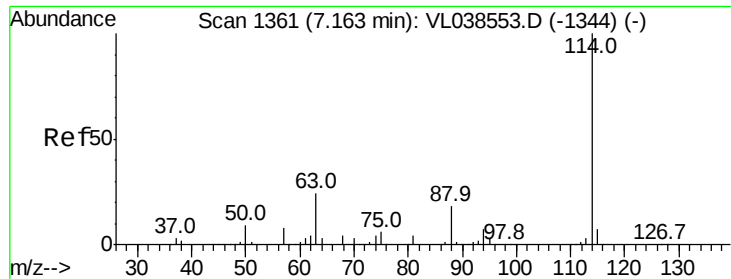
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#26
Hexane
Concen: 0.40 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL038594.D
Acq: 14 Mar 2022 13:29

Tgt Ion: 57 Resp: 34826
Ion Ratio Lower Upper
57 100
41 103.6 67.8 101.6#
43 90.9 173.6 260.4#
56 64.6 42.2 63.2#



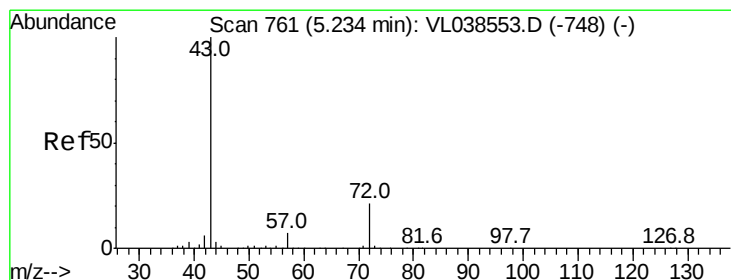
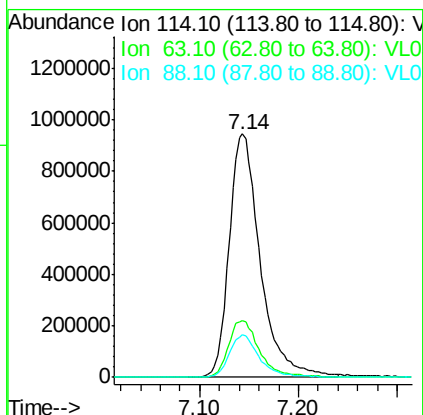
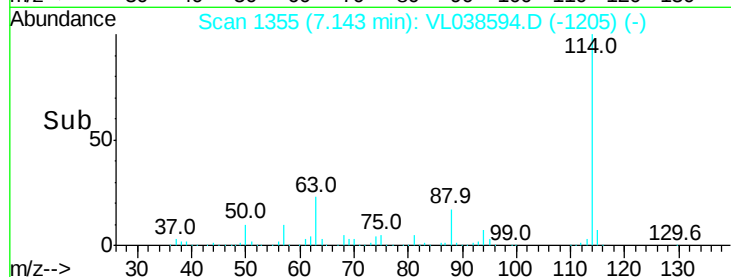
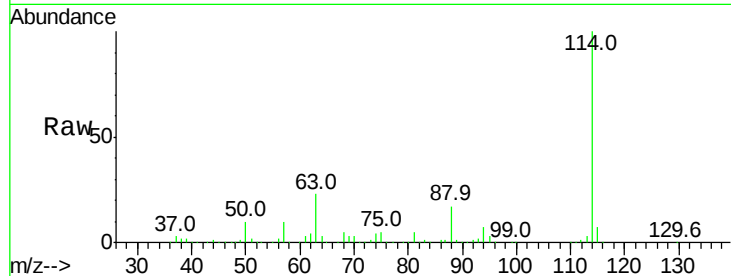


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.14
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 SS-1DL
 Acq: 14 Mar 2022 13:29

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

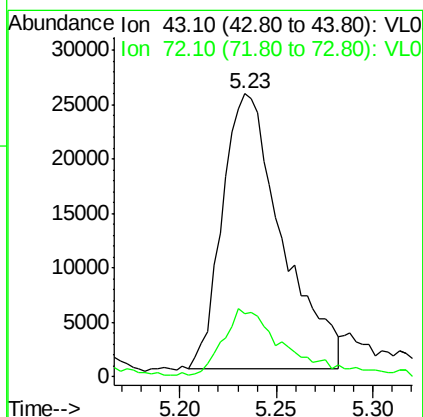
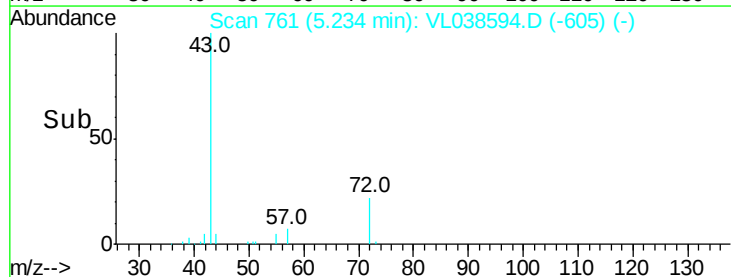
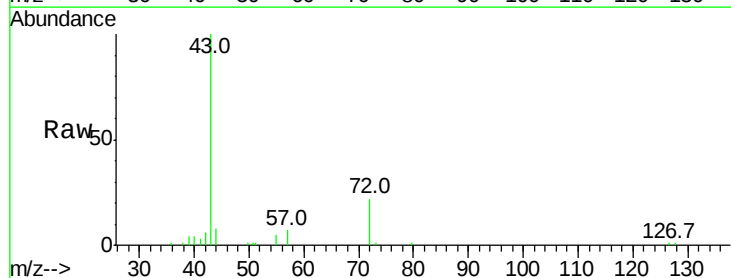
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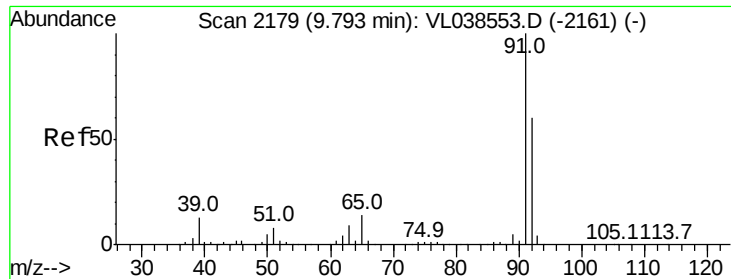
Reviewed By : Semsettin Yesilyurt 03/15/2022
 Supervised By : Mahesh Dadoda 03/18/2022



#34
 2-Butanone
 Concen: 1.01 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T.: 0.00 min
 Lab File: VL038594.D
 Acq: 14 Mar 2022 13:29

Tgt Ion: 43 Resp: 54364
 Ion Ratio Lower Upper
 43 100
 72 26.8 17.8 26.6#





#53

Toluene

Concen: 0.84 ppbv

RT: 9.77 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 14 Mar 2022 13:29 SS-1DL

Tgt Ion:

Ion Ratio

91 100

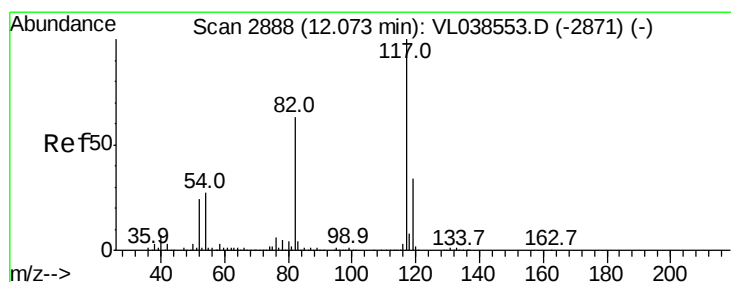
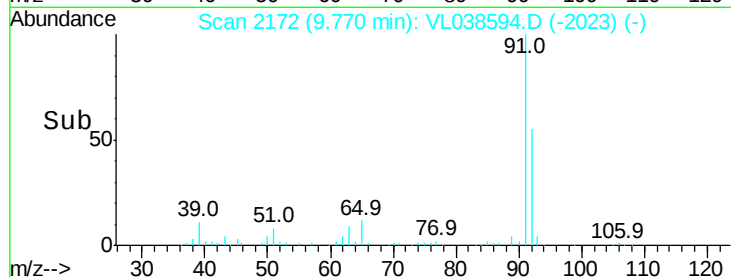
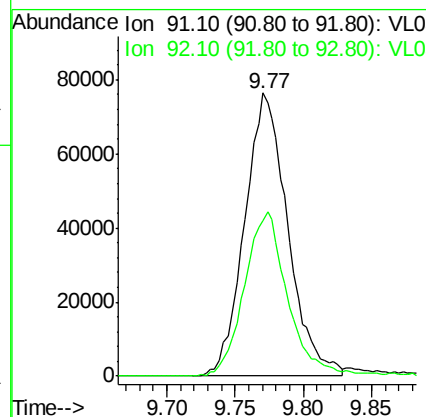
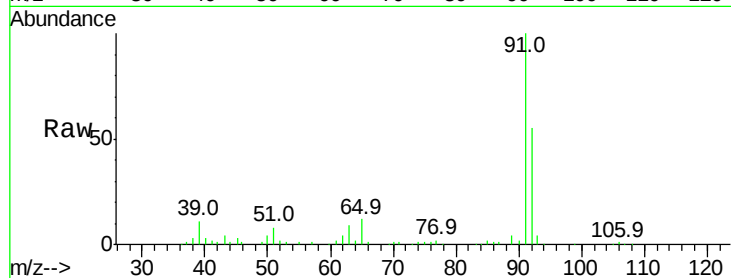
92 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.05 min Scan# 2880

Delta R.T. -0.03 min

Lab File: VL038594.D

Acq: 14 Mar 2022 13:29

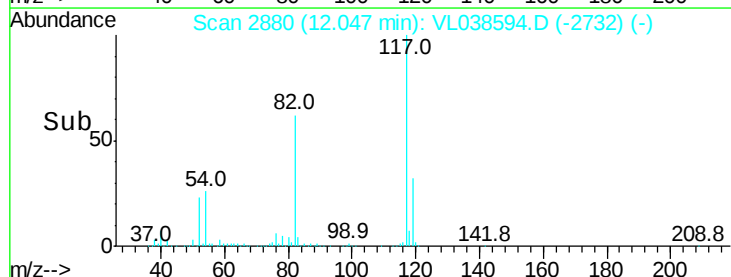
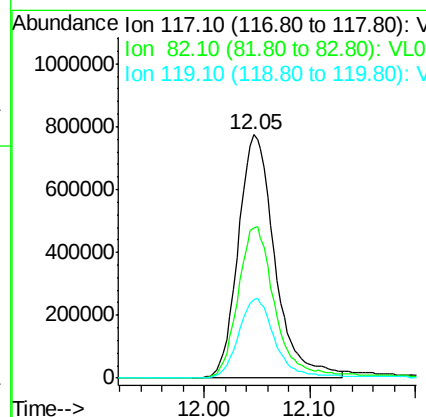
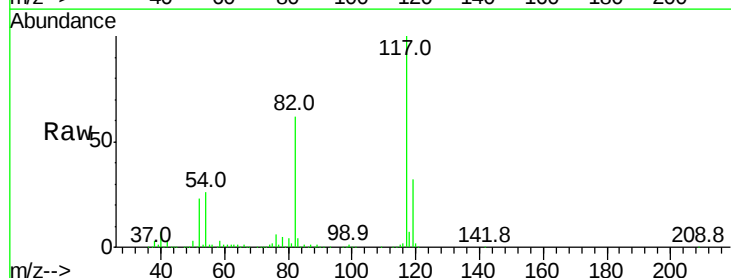
Tgt Ion:117 Resp: 1876213

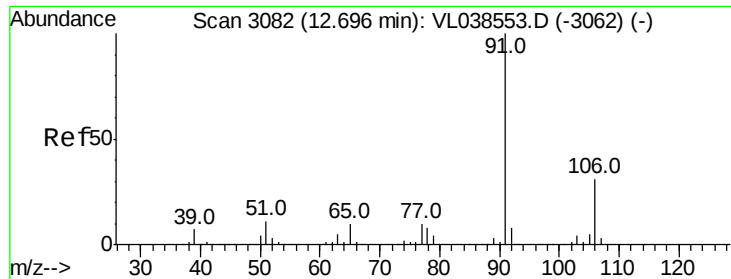
Ion Ratio Lower Upper

117 100

82 65.0 52.5 78.7

119 34.1 46.4 69.6#



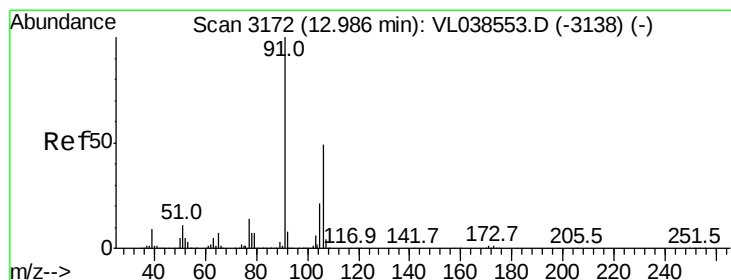
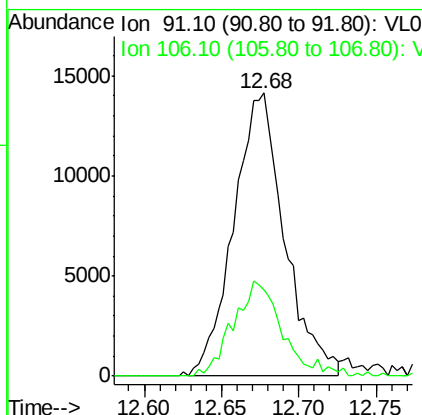
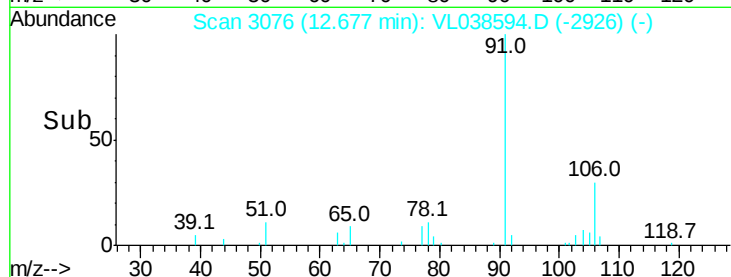
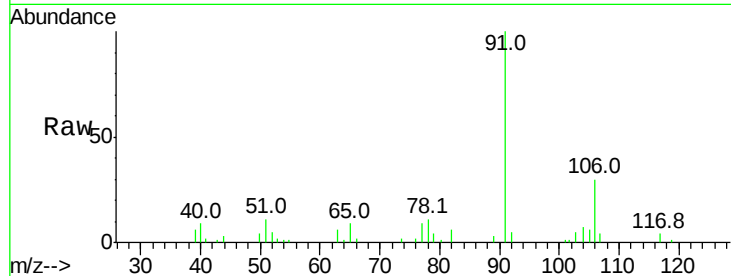


#58
Ethyl Benzene
Concen: 0.13 ppbv
RT: 12.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Mar 2022 13:29

Tgt Ion:
Ion Ratio
91 100
106 30.

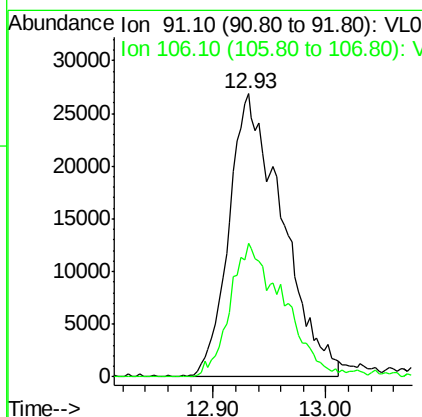
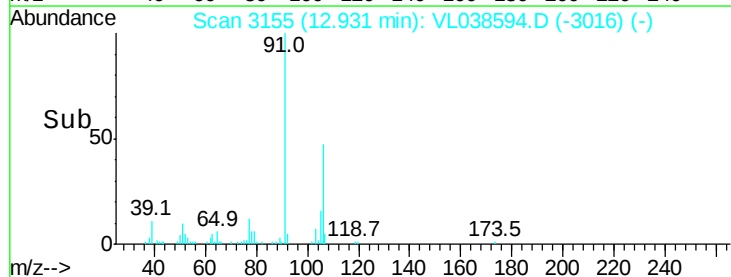
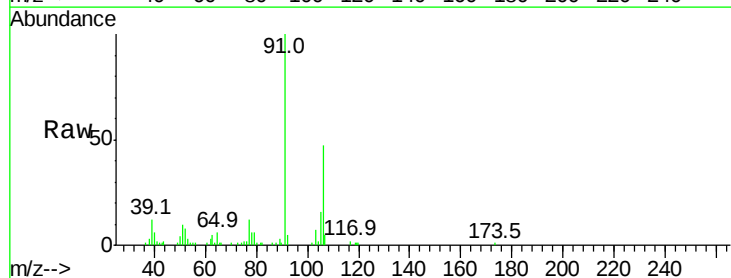
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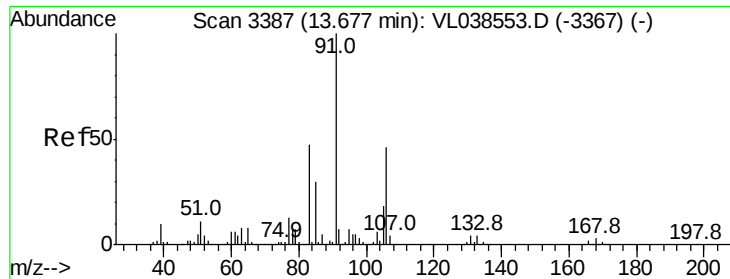
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#59
m/p-Xylene
Concen: 0.42 ppbv m
RT: 12.93 min Scan# 3155
Delta R.T. -0.05 min
Lab File: VL038594.D
Acq: 14 Mar 2022 13:29

Tgt Ion: 91 Resp: 88313
Ion Ratio Lower Upper
91 100
106 0.0 37.1 55.7#



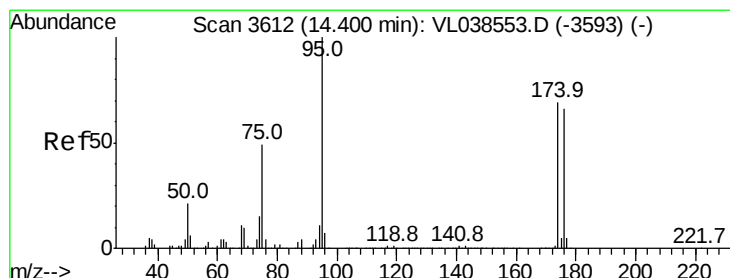
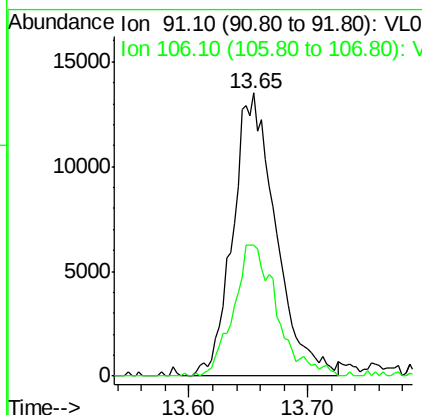
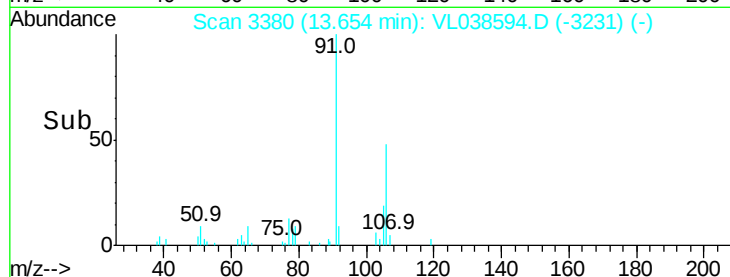
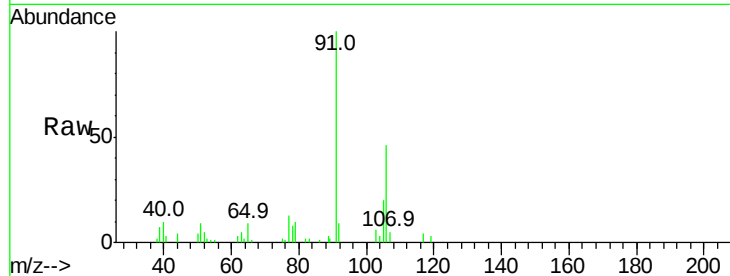


#60
o-Xylene
Concen: 0.17 ppbv m
RT: 13.65
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Mar 2022 13:29

Tgt Ion:
Ion Ratio
91 100
106 0.

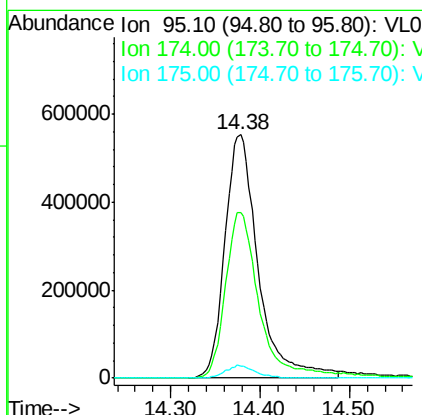
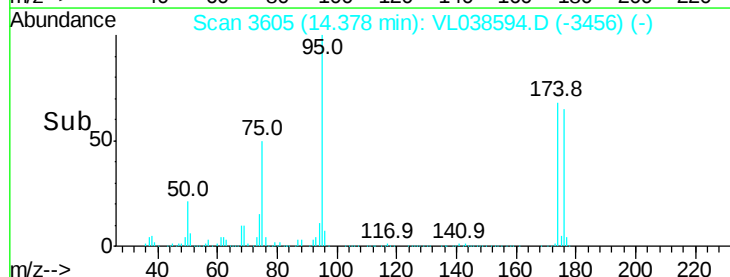
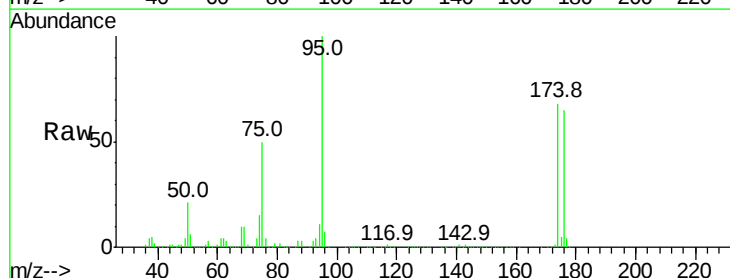
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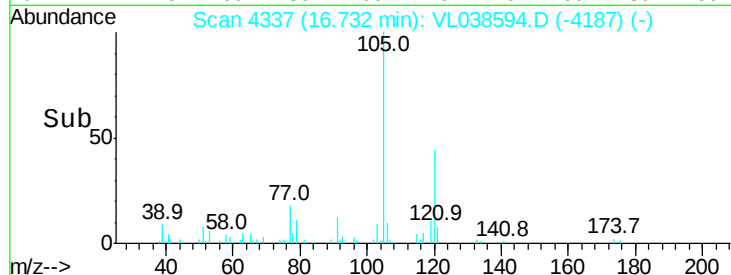
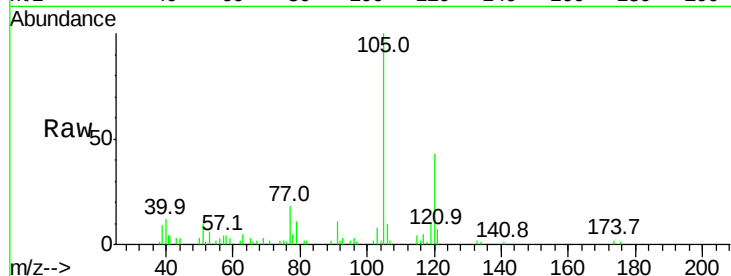
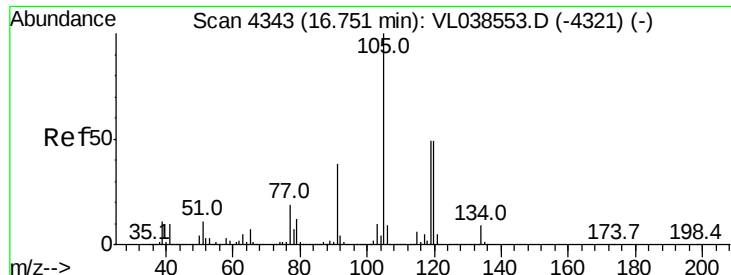
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.02 ppbv
RT: 14.38 min Scan# 3605
Delta R.T. -0.02 min
Lab File: VL038594.D
Acq: 14 Mar 2022 13:29

Tgt Ion: 95 Resp: 1429159
Ion Ratio Lower Upper
95 100
174 71.4 56.2 84.4
175 4.9 4.2 6.2





#74
 1,2,4-Trimethylbenzene
 Concen: 0.14 ppbv m
 RT: 16.73
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 SS-1DL
 Acq: 14 Mar 2022 15.29

Tgt Ion:1
 Ion Rati
 105 100
 120 42.
 91 11.
 77 17.8 15.2 22.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

