

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037726.D
 Acq On : 29 Sep 2021 10:24
 Operator : SY/AP
 Sample : M3896-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/01/2021
 Supervised By :Mahesh Dadoda 10/01/2021

Quant Time: Sep 30 21:12:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1304997	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	3906431	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	3340612	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2399188	9.94	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.62	45	86118m	10.140	ppbv	
15) Acetone	3.86	43	243013m	1.792	ppbv	
19) Isopropyl Alcohol	3.99	45	57867m	0.784	ppbv	
20) Methylene Chloride	4.35	84	184868	2.856	ppbv	98
24) 1,1-Dichloroethane	5.01	63	34947m	0.260	ppbv	
26) Hexane	5.69	57	254399m	1.631	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	24939m	0.118	ppbv	
34) 2-Butanone	5.26	43	50435m	0.318	ppbv	
53) Toluene	9.81	91	38665m	0.107	ppbv	
59) m/p-Xylene	12.96	91	46099m	0.119	ppbv	

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

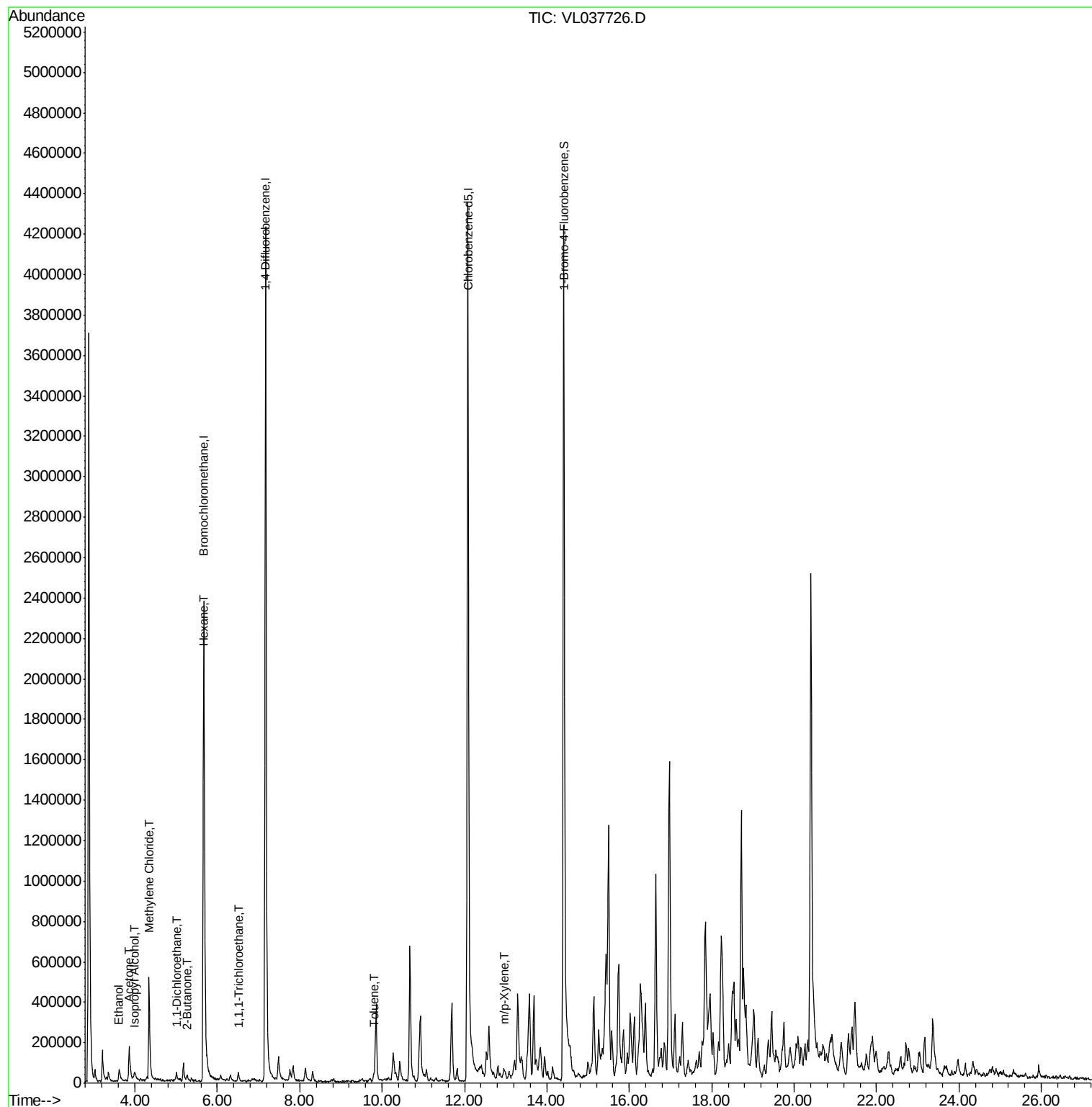
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Data File : VL037726.D
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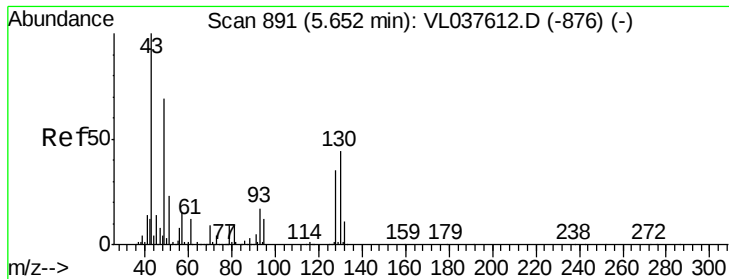
Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

Quant Time: Sep 30 21:12:20 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL091621.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Sep 2021 10:24 EFFLUENTDL

Tgt Ion:

Ion Ratio

49 100

128 53.

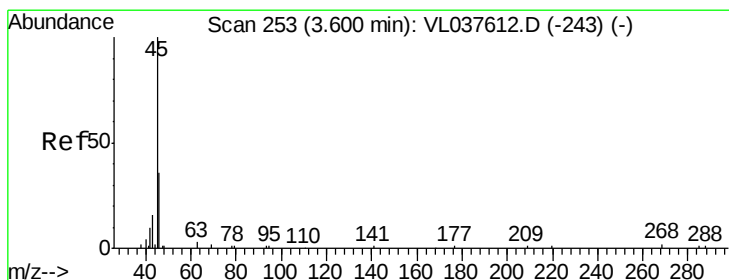
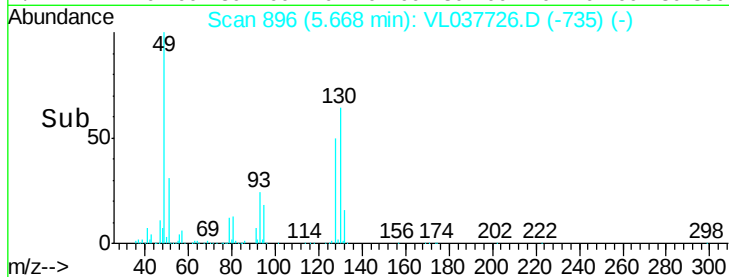
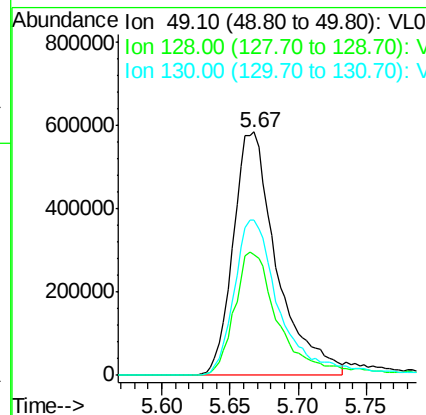
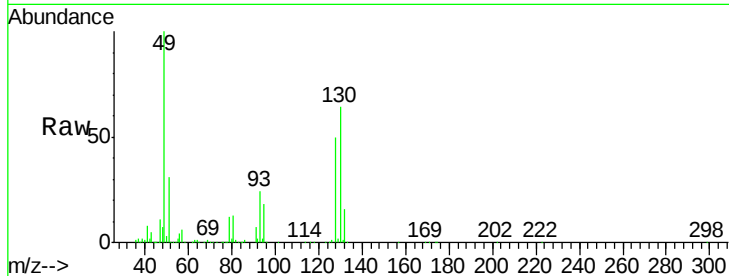
130 68.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/01/2021



#13

Ethanol

Concen: 10.140 ppbv m

RT: 3.62 min Scan# 258

Delta R.T. 0.02 min

Lab File: VL037726.D

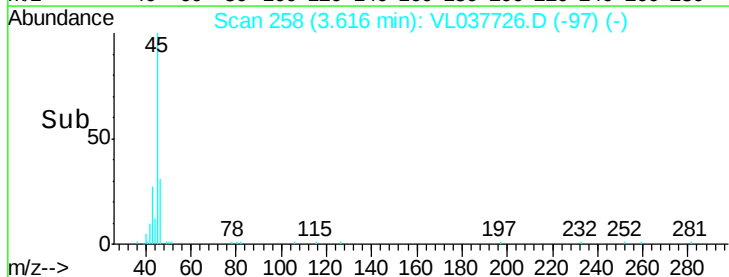
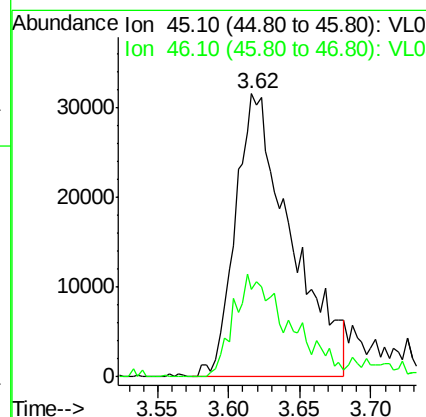
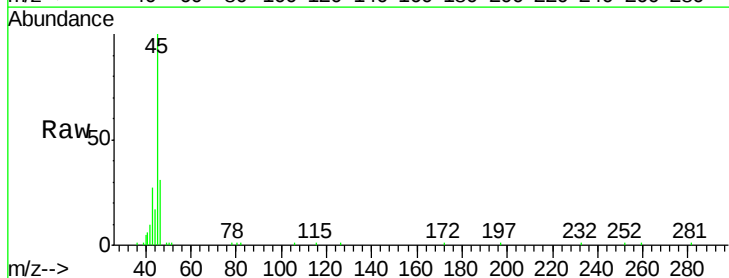
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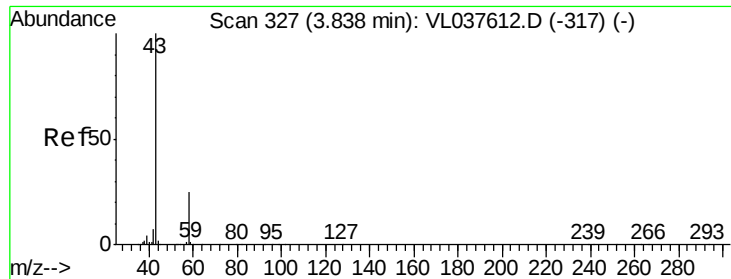
Tgt Ion: 45 Resp: 86118

Ion Ratio Lower Upper

45 100

46 40.7 17.2 68.8





#15

Acetone

Concen: 1.792 ppbv m

RT: 3.86 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Sep 2021 10:24 EFFLUENTDL

Tgt Ion:

Ion Ratio

43 100

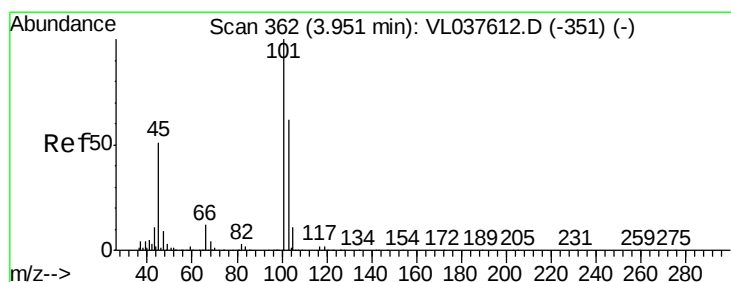
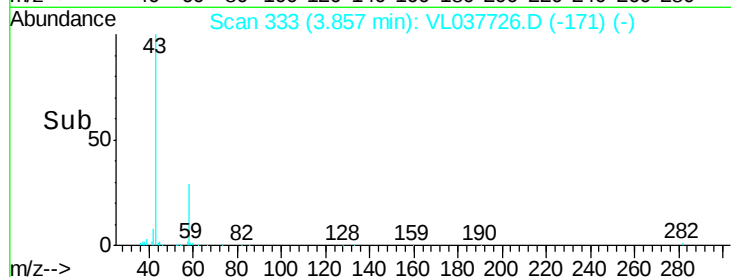
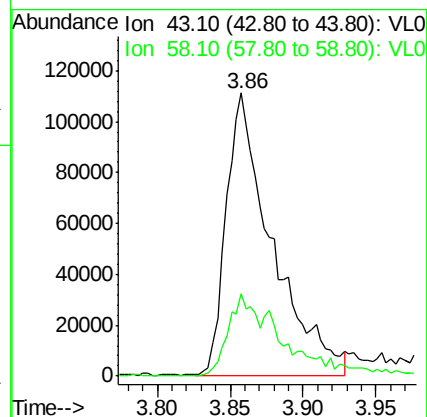
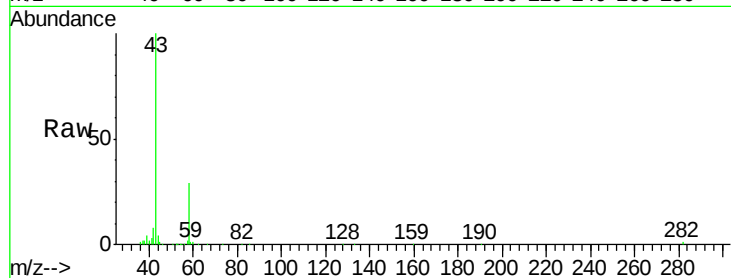
58 34.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/01/2021



#19

Isopropyl Alcohol

Concen: 0.784 ppbv m

RT: 3.99 min Scan# 373

Delta R.T. 0.04 min

Lab File: VL037726.D

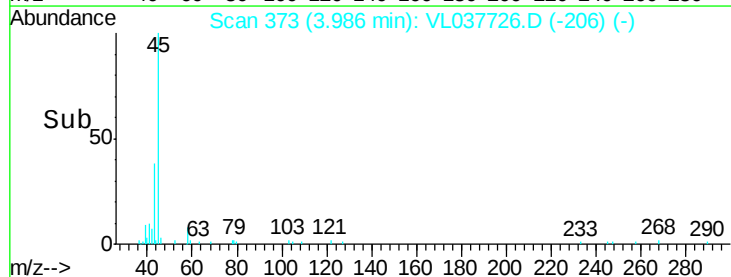
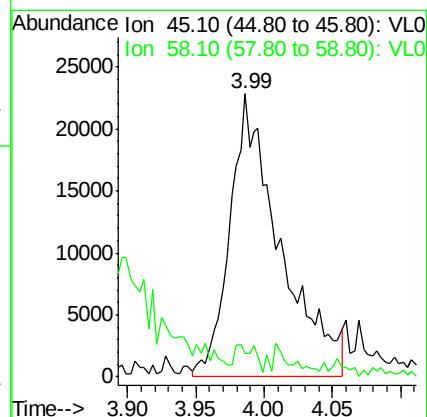
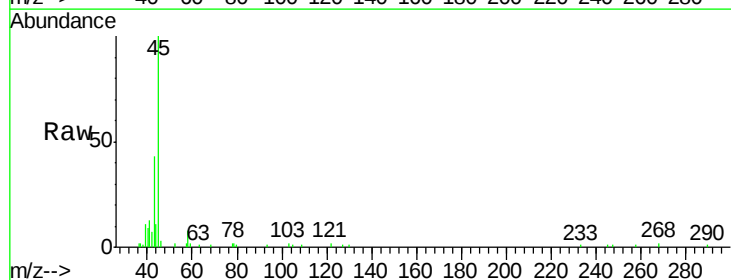
Acq: 29 Sep 2021 10:24

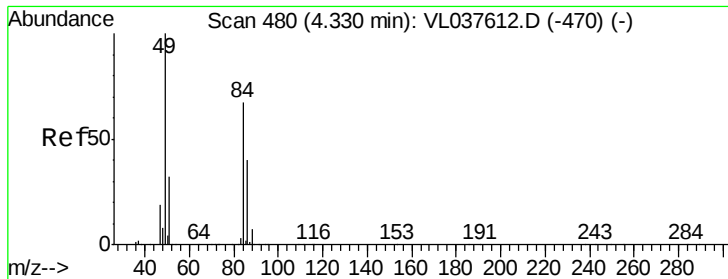
Tgt Ion: 45 Resp: 57867

Ion Ratio Lower Upper

45 100

58 0.0 2.9 4.3#



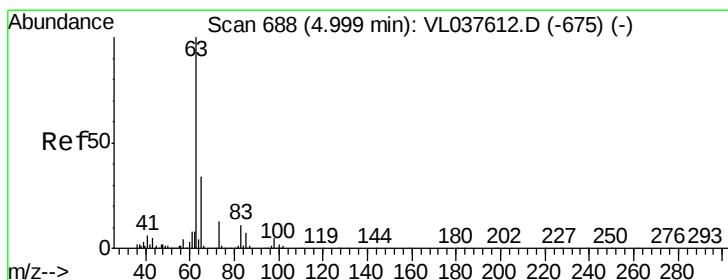
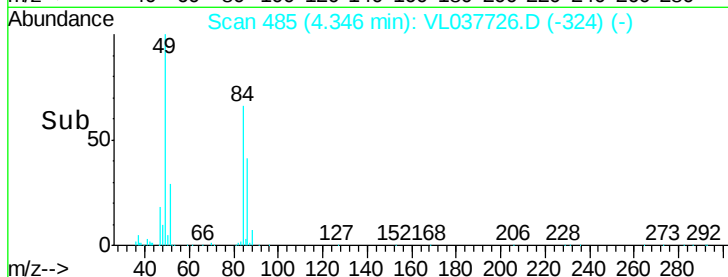
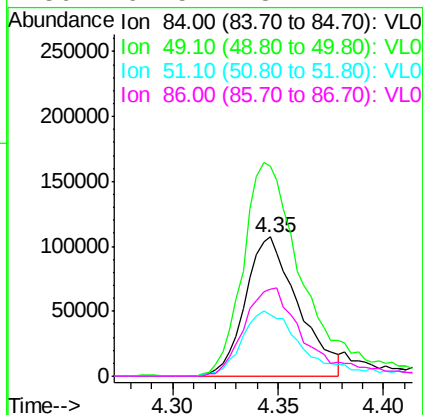
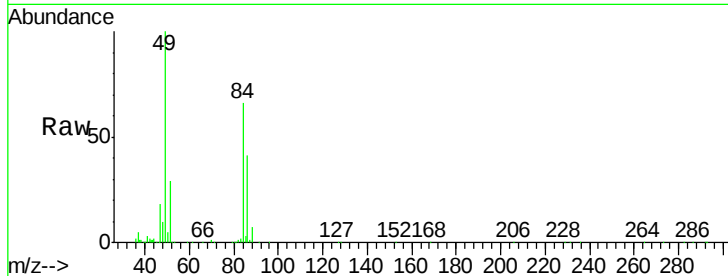


#20
Methylene Chloride
Concen: 2.856 ppbv
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : EFFLUENTDL
Acq: 29 Sep 2021 10:24

Tgt Ion:
Ion Ratio
84 100
49 151.
51 44.
86 62.5 48.2 72.2

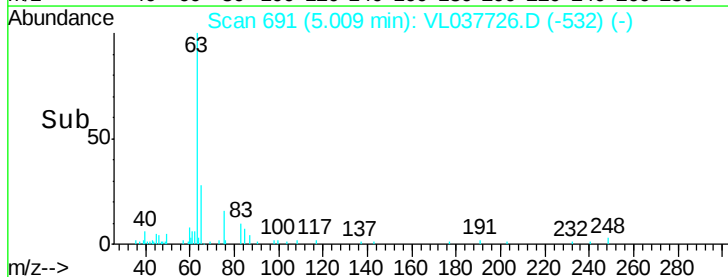
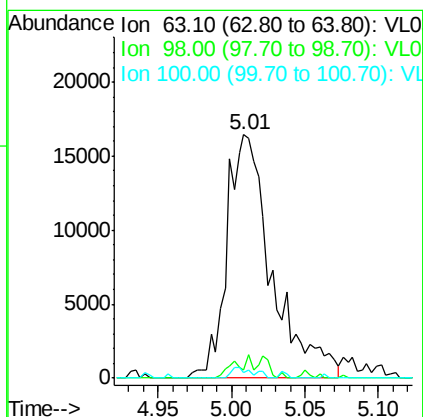
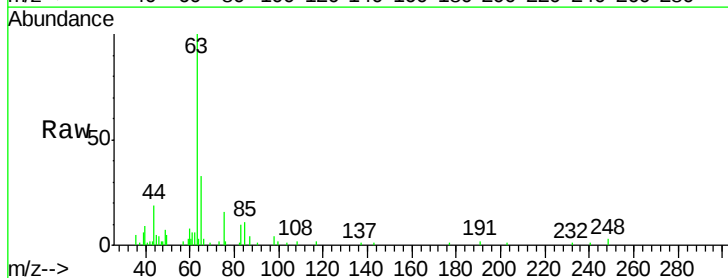
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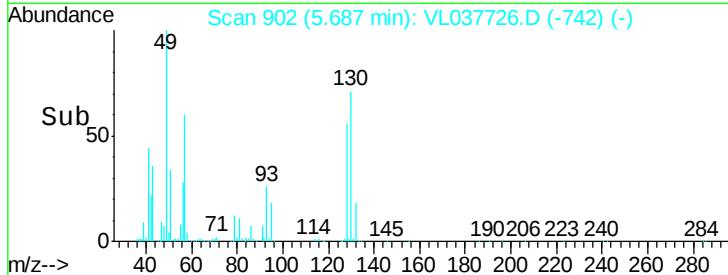
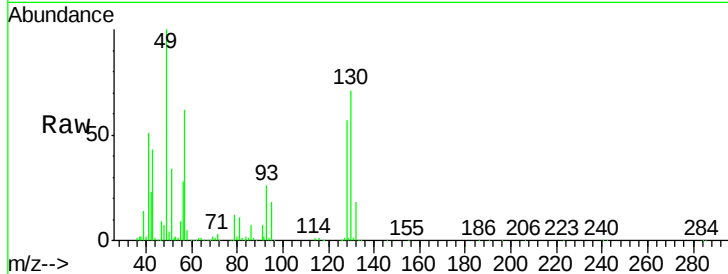
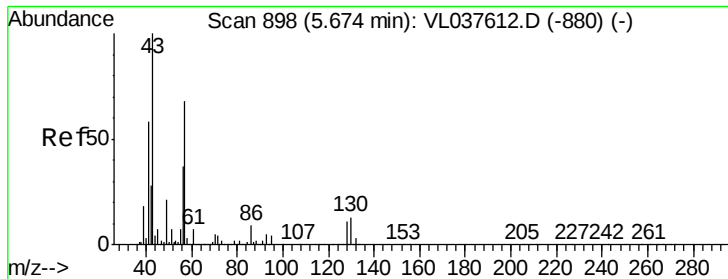
Reviewed By :Semsettin Yesilyurt 10/01/2021
Supervised By :Mahesh Dadoda 10/01/2021



#24
1,1-Dichloroethane
Concen: 0.260 ppbv m
RT: 5.01 min Scan# 691
Delta R.T. 0.01 min
Lab File: VL037726.D
Acq: 29 Sep 2021 10:24

Tgt Ion: 63 Resp: 34947
Ion Ratio Lower Upper
63 100
98 3.6 2.4 7.2
100 2.2 1.1 3.5



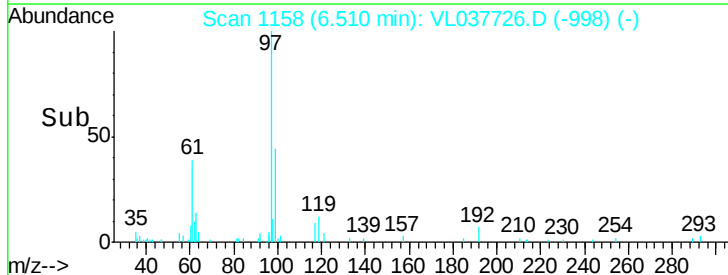
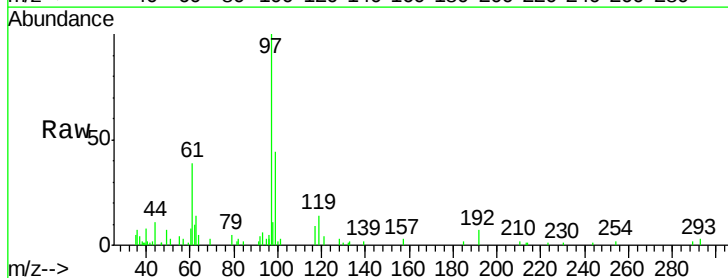
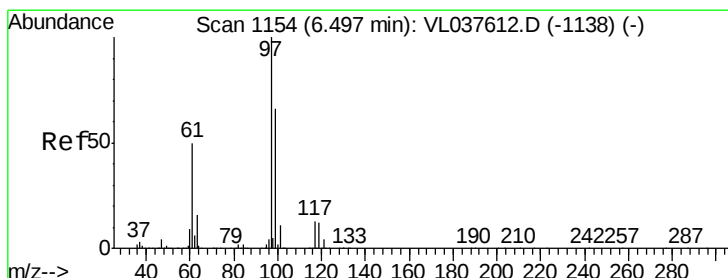
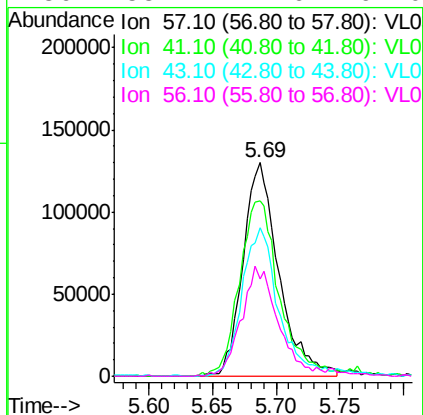


#26
Hexane
Concen: 1.631 ppbv m
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: EFFLUENTDL
Acq: 29 Sep 2021 10:24

Tgt Ion:
Ion Ratio
57 100
41 94.
43 72.
56 55.1 42.6 64.0

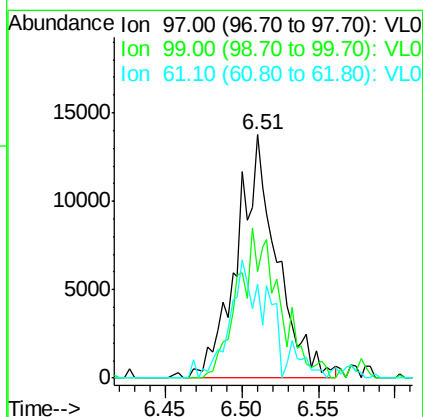
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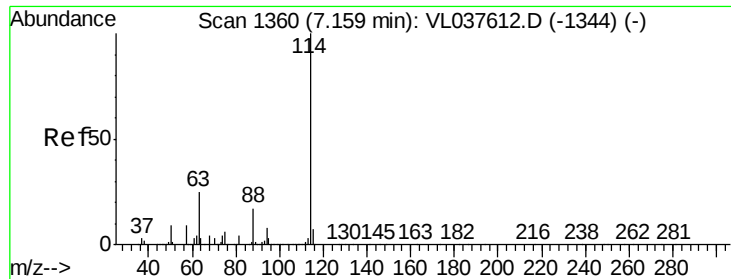
Reviewed By :Semsettin Yesilyurt 10/01/2021
Supervised By :Mahesh Dadoda 10/01/2021



#32
1,1,1-Trichloroethane
Concen: 0.118 ppbv m
RT: 6.51 min Scan# 1158
Delta R.T. 0.01 min
Lab File: VL037726.D
Acq: 29 Sep 2021 10:24

Tgt Ion: 97 Resp: 24939
Ion Ratio Lower Upper
97 100
99 67.6 52.3 78.5
61 0.0 39.5 59.3#



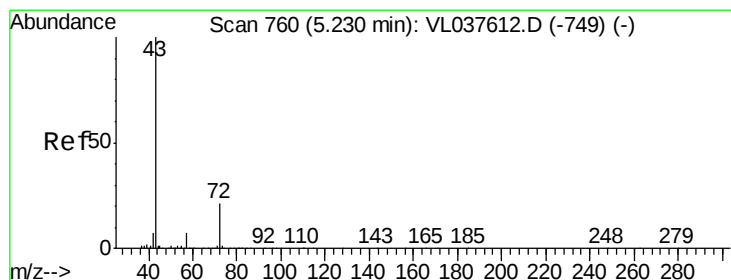
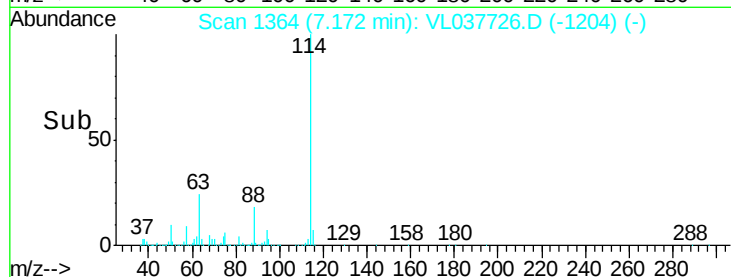
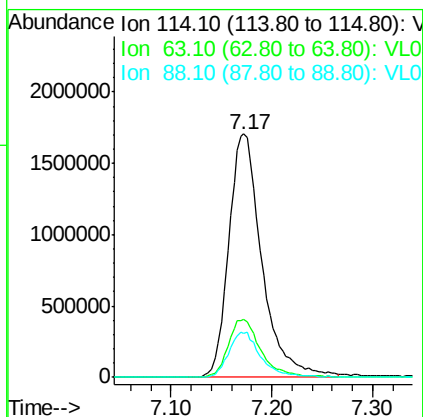
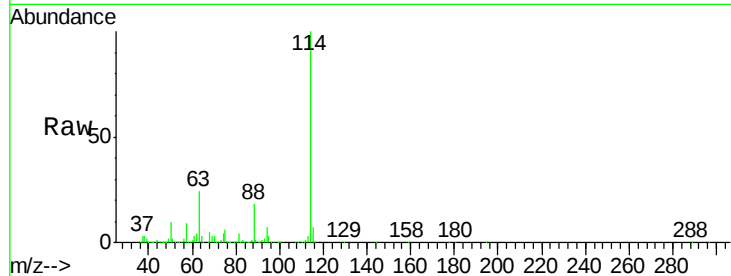


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 29 Sep 2021 10:24

Tgt Ion: 114
 Ion Ratio: 100
 63 24.
 88 18.

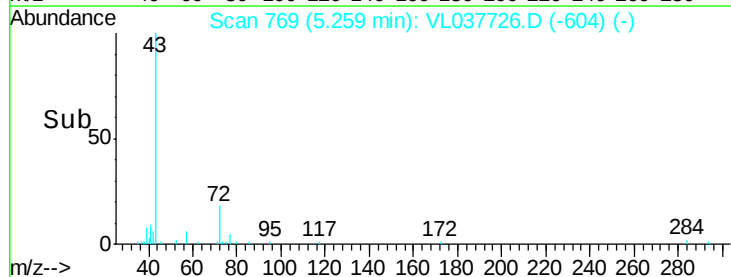
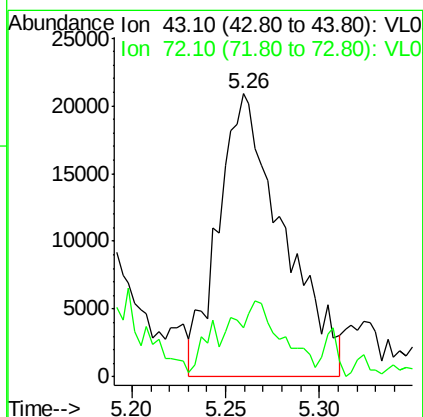
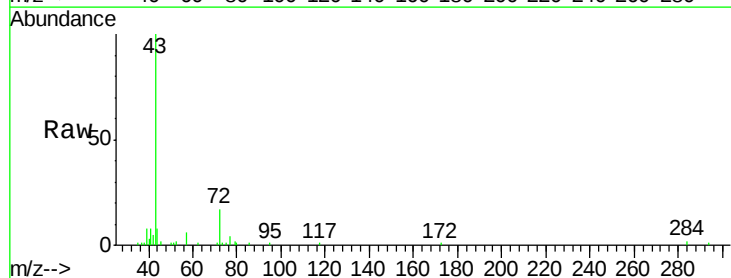
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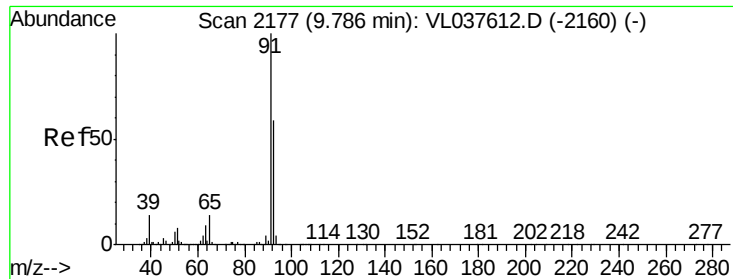
Reviewed By : Semsettin Yesilyurt 10/01/2021
 Supervised By : Mahesh Dadoda 10/01/2021



#34
 2-Butanone
 Concen: 0.318 ppbv m
 RT: 5.26 min Scan# 769
 Delta R.T. 0.03 min
 Lab File: VL037726.D
 Acq: 29 Sep 2021 10:24

Tgt Ion: 43 Resp: 50435
 Ion Ratio Lower Upper
 43 100
 72 25.2 18.4 27.6





#53

Toluene

Concen: 0.107 ppbv m

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Sep 2021 10:24 EFFLUENTDL

Tgt Ion:

Ion Ratio

91 100

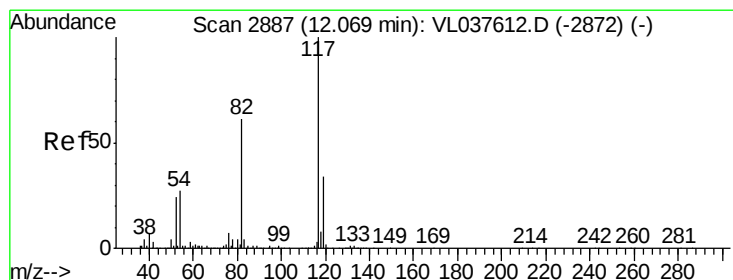
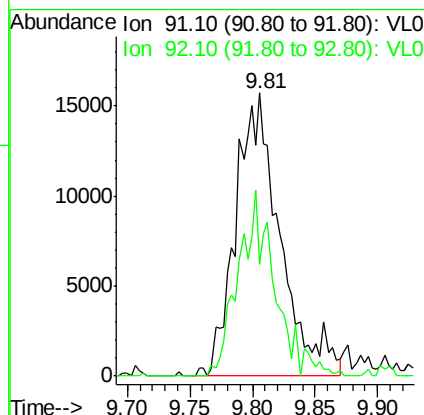
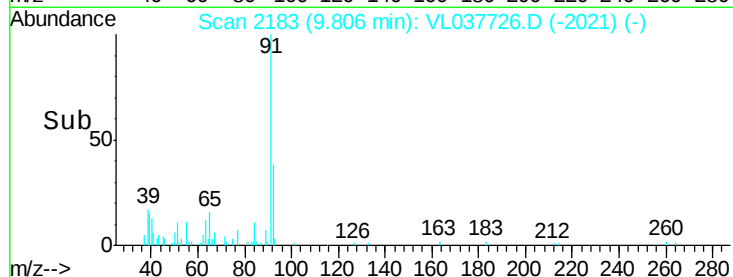
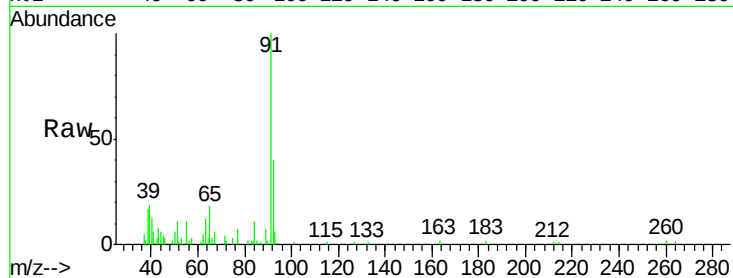
92 53.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/01/2021



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. 0.01 min

Lab File: VL037726.D

Acq: 29 Sep 2021 10:24

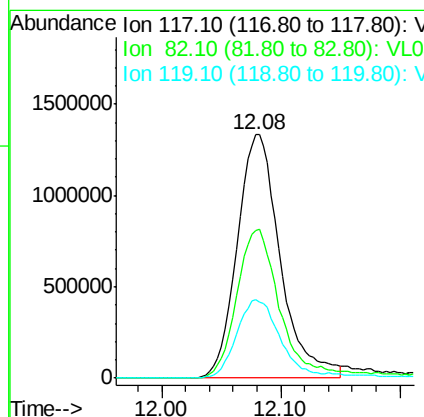
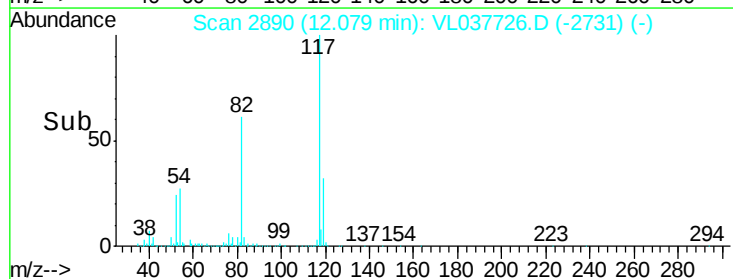
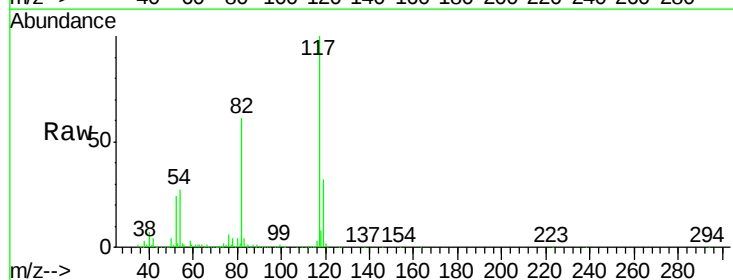
Tgt Ion:117 Resp: 3340612

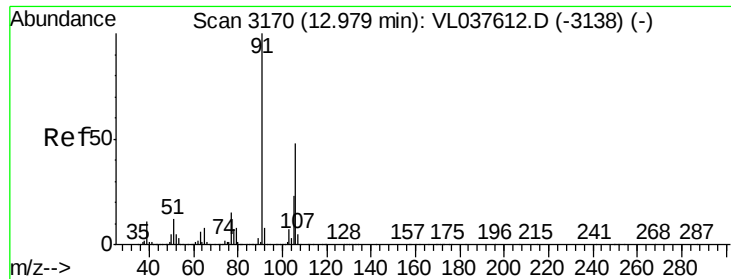
Ion Ratio Lower Upper

117 100

82 65.5 50.6 75.8

119 34.8 26.2 39.2



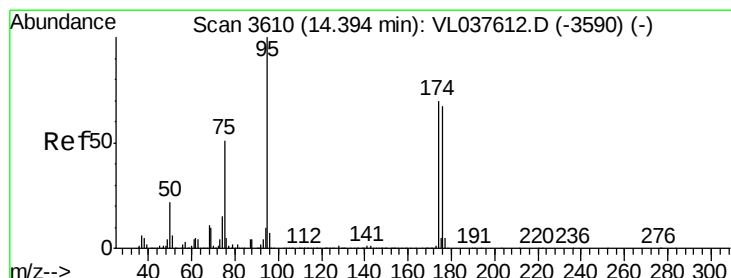
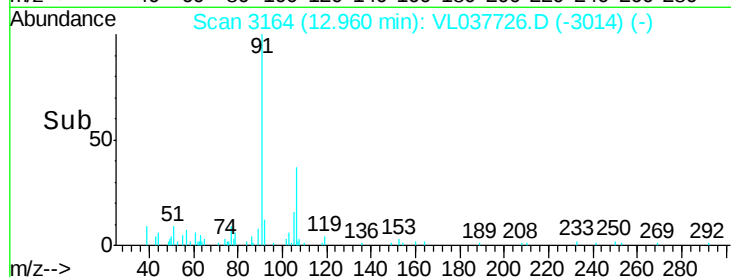
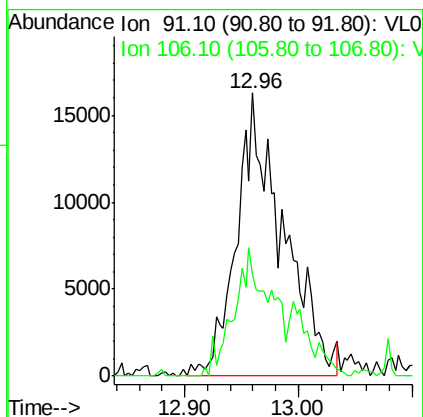
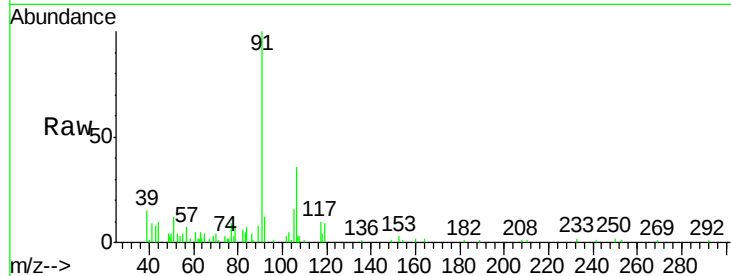


#59
m/p-Xylene
Concen: 0.119 ppbv m
RT: 12.96
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Sep 2021 10:24

Tgt Ion:
Ion Ratio
91 100
106 0.

Manual Integrations
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Supervised By :Mahesh Dadoda 10/01/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 9.938 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.01 min
Lab File: VL037726.D
Acq: 29 Sep 2021 10:24

Tgt Ion: 95 Resp: 2399188
Ion Ratio Lower Upper
95 100
174 78.0 56.3 84.5
175 5.7 4.4 6.6

