

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
 Data File : VL037845.D
 Acq On : 13 Oct 2021 1:08
 Operator : SY/AP
 Sample : M4143-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1ST-FLOORDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021

Quant Time: Oct 14 03:01:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1301871	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3782623	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3212116	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2201471	9.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	23271m	0.253	ppbv	
13) Ethanol	3.61	45	74986m	9.962	ppbv	
15) Acetone	3.85	43	667382	5.711	ppbv	97
17) tert-Butyl alcohol	4.32	59	18021m	0.150	ppbv	
19) Isopropyl Alcohol	3.98	45	40154m	0.552	ppbv	
20) Methylene Chloride	4.34	84	74313	1.258	ppbv	97
25) Ethyl Acetate	5.67	43	144658	0.441	ppbv #	94
29) Chloroform	5.75	83	22362m	0.097	ppbv	
34) 2-Butanone	5.24	43	122305	0.801	ppbv #	87
52) Tetrachloroethene	11.22	164	338915	2.696	ppbv	95
53) Toluene	9.80	91	146152	0.408	ppbv	97

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

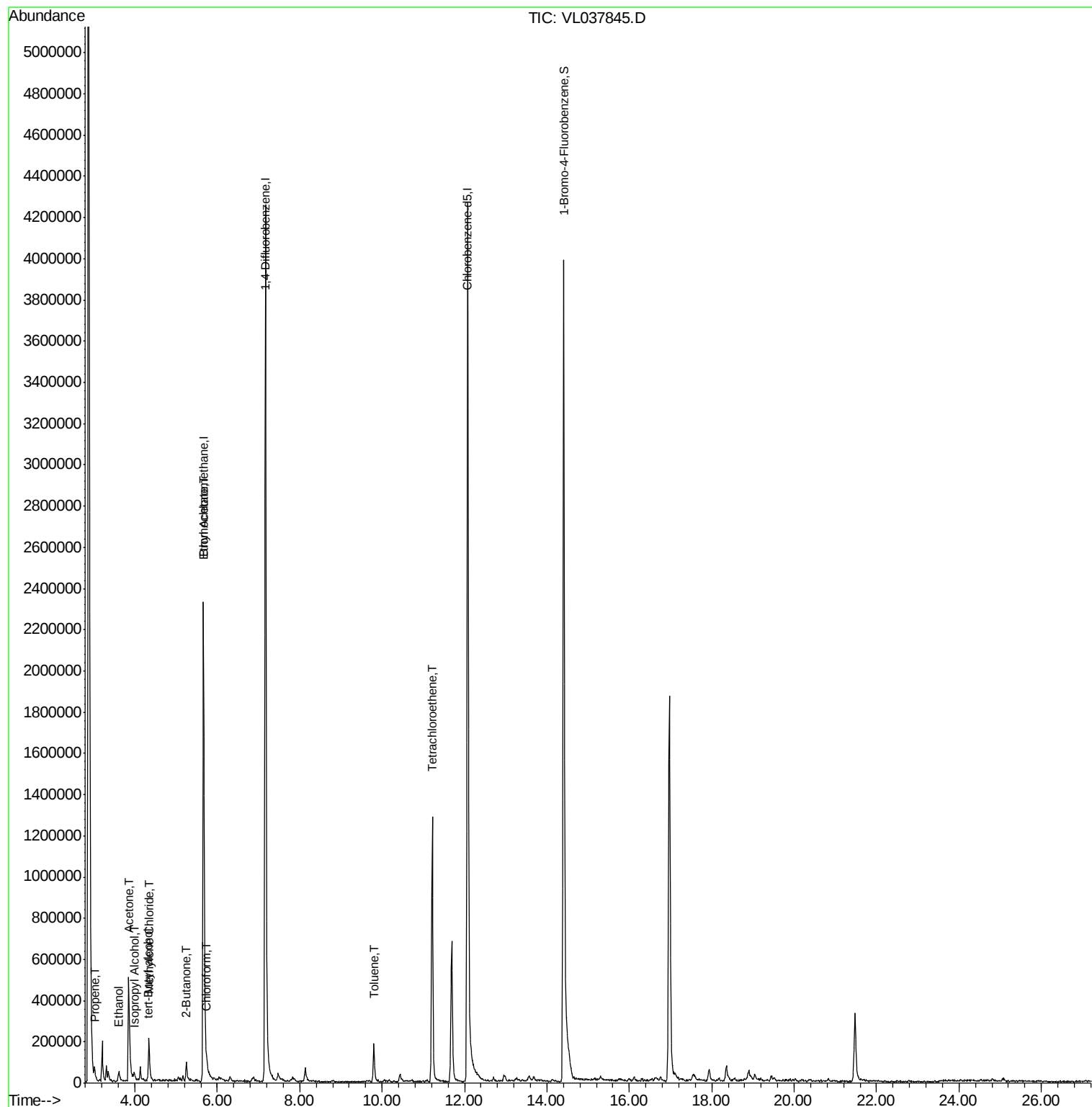
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101221\
Data File : VL037845.D
Acq On : 13 Oct 2021 1:08
Operator : SY/AP
Sample : M4143-01DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

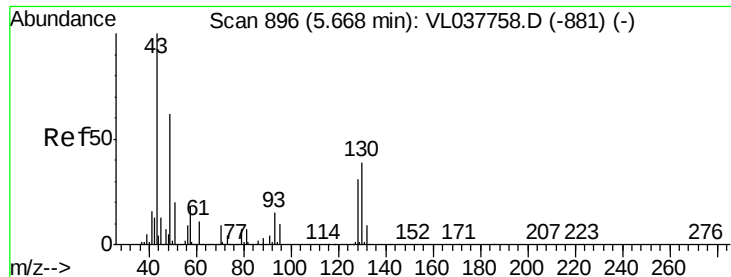
Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL

Quant Time: Oct 14 03:01:45 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: 1ST-FLOORDL

Acq: 13 Oct 2021 1:08

Tot Ion:

Ion Ratio

49 100

128 51.

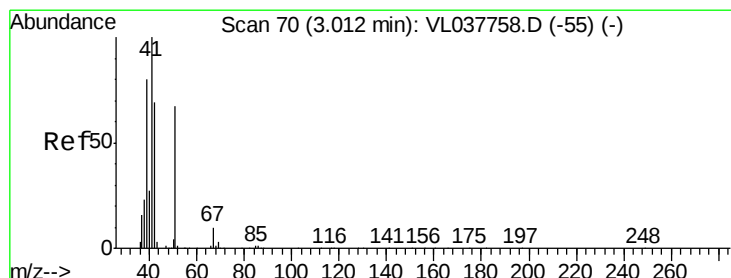
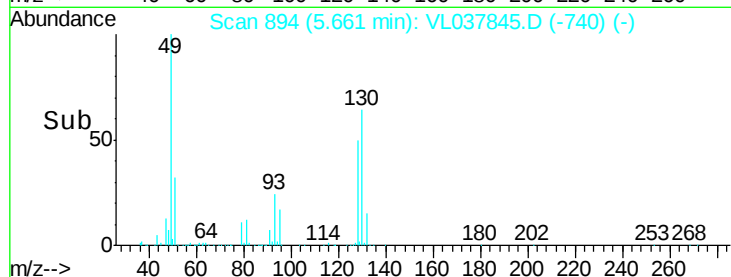
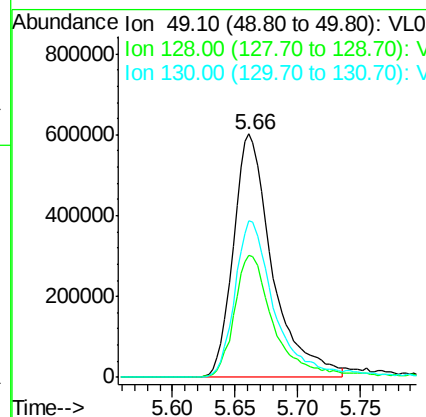
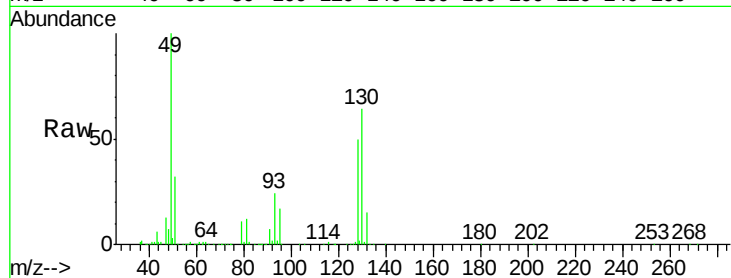
130 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#9

Propene

Concen: 0.253 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037845.D

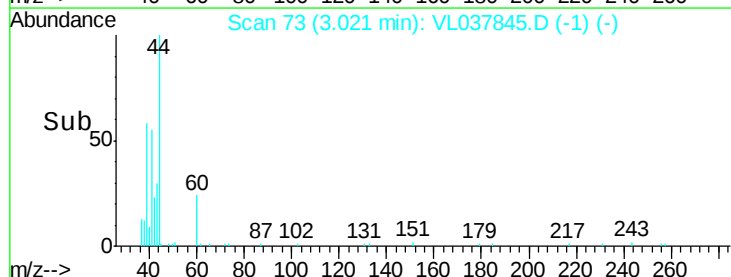
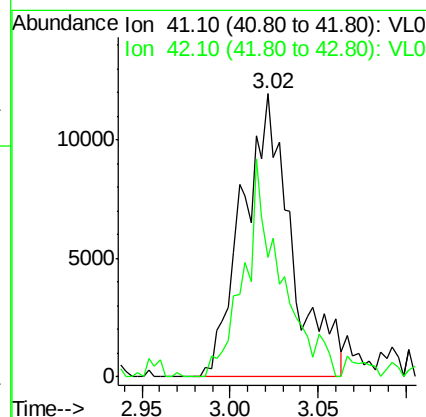
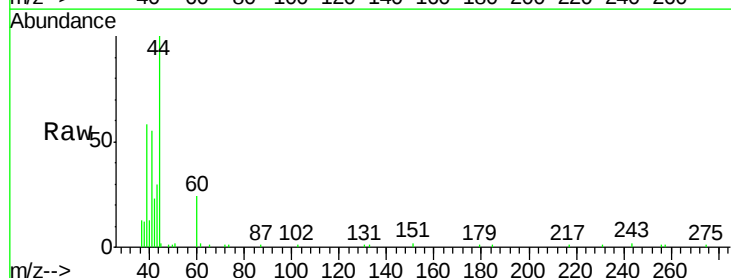
Acq: 13 Oct 2021 1:08

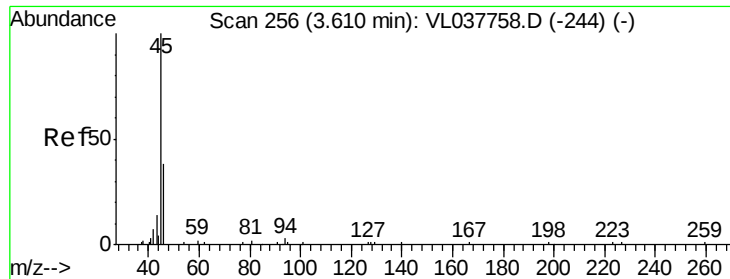
Tgt Ion: 41 Resp: 23271

Ion Ratio Lower Upper

41 100

42 0.0 54.2 81.2#



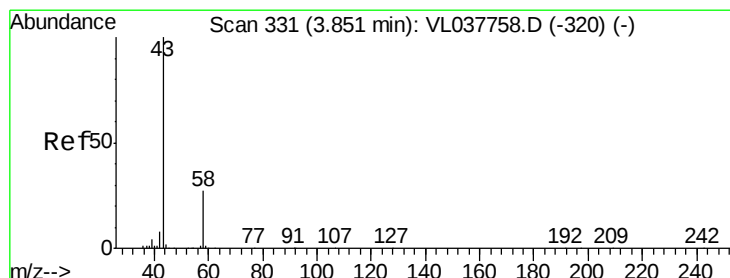
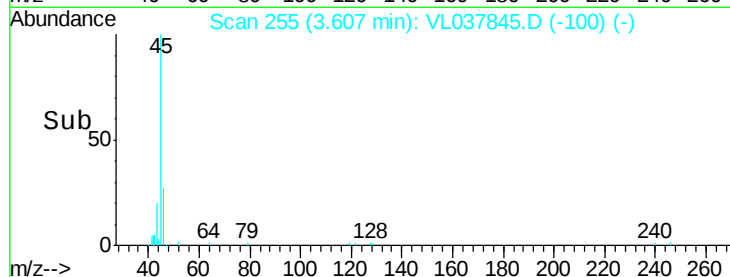
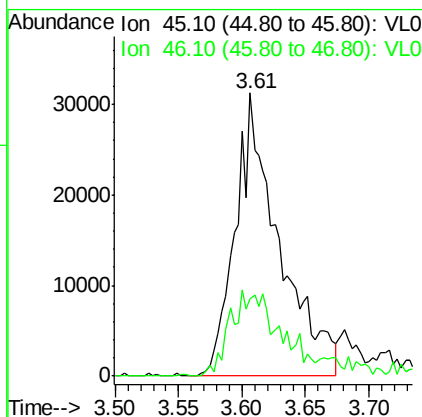
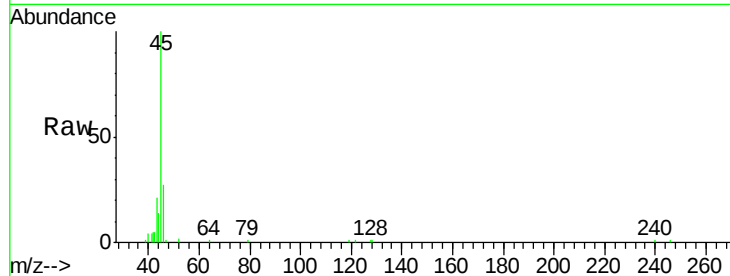


#13
Ethanol
Concen: 9.962 ppbv m
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Oct 2021 1:08

Tot Ion:
Ion Ratio
45 100
46 40.

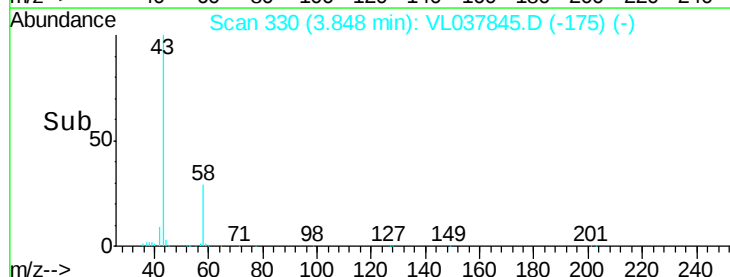
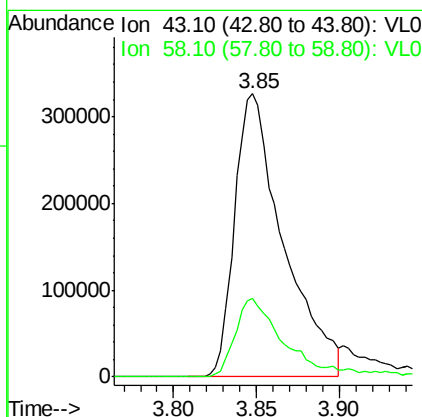
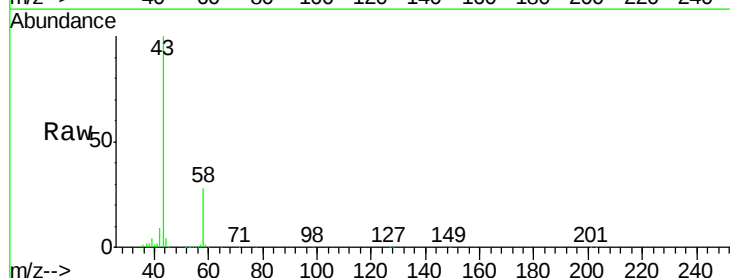
Manual Integrations
APPROVED

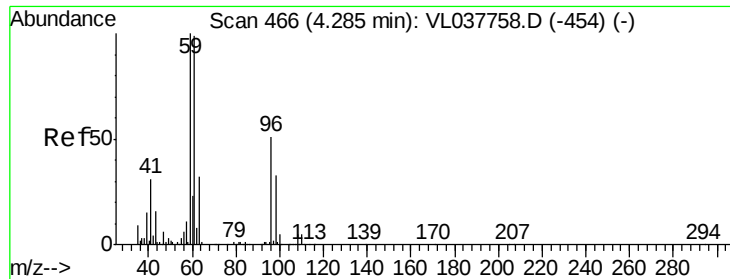
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#15
Acetone
Concen: 5.711 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL037845.D
Acq: 13 Oct 2021 1:08

Tgt Ion: 43 Resp: 667382
Ion Ratio Lower Upper
43 100
58 30.2 23.0 34.6





#17

tert-Butyl alcohol

Concen: 0.150 ppbv m

RT: 4.32 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

Acq: 13 Oct 2021 1:08

Tot Ion:

Ion Ratio

59 100

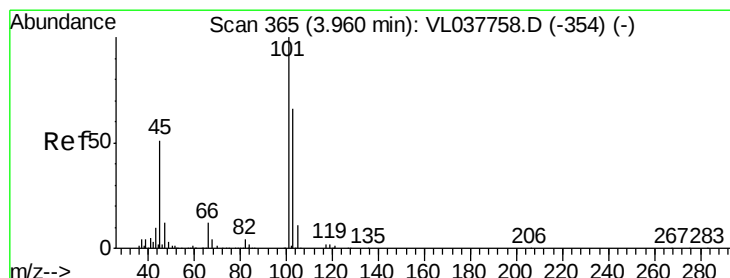
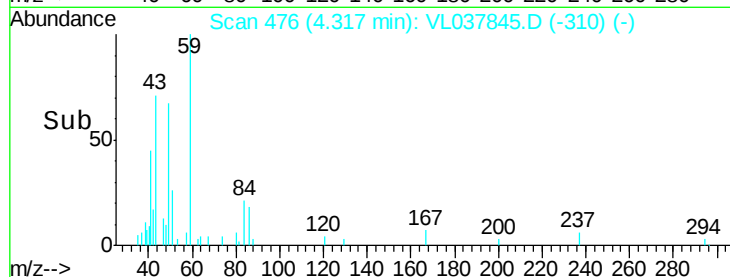
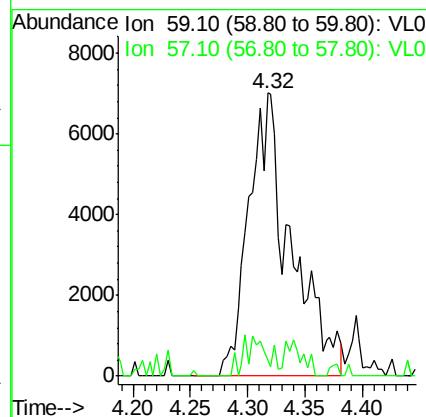
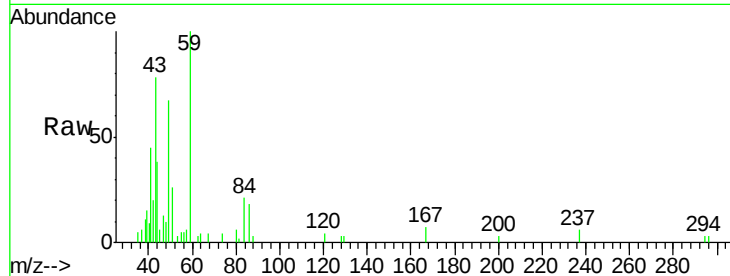
57 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#19

Isopropyl Alcohol

Concen: 0.552 ppbv m

RT: 3.98 min Scan# 372

Delta R.T. 0.02 min

Lab File: VL037845.D

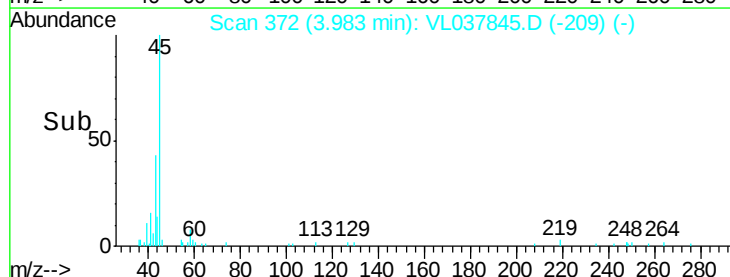
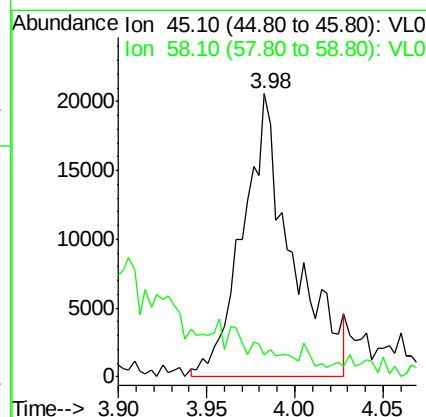
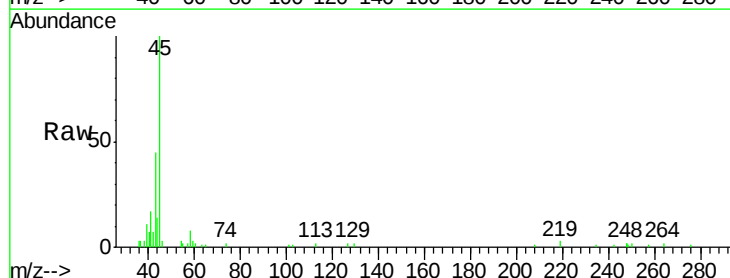
Acq: 13 Oct 2021 1:08

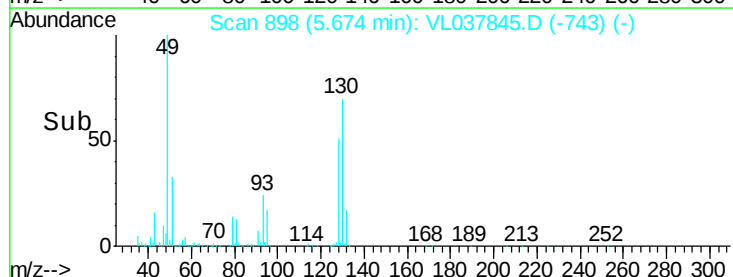
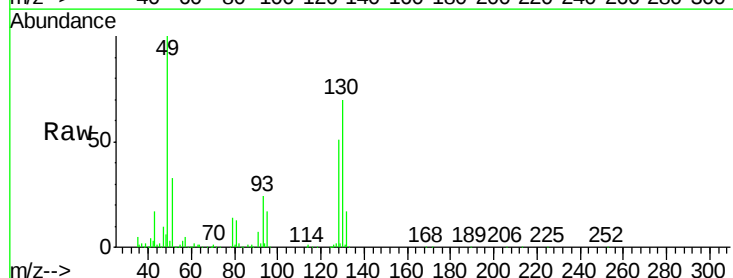
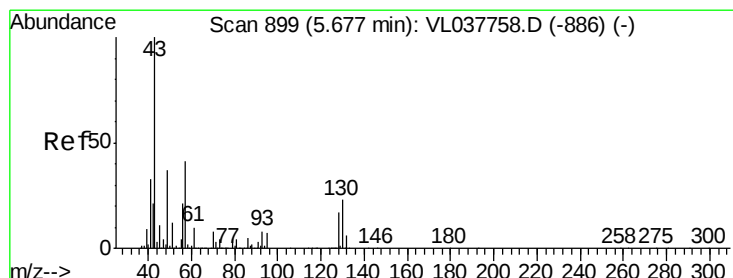
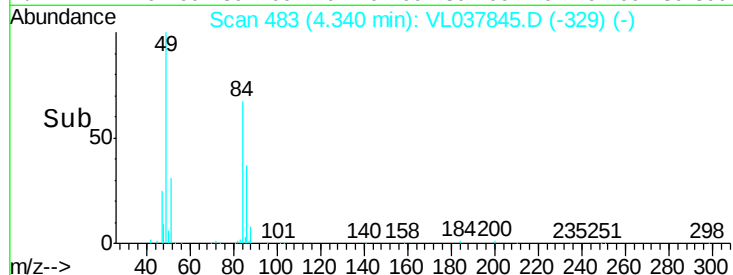
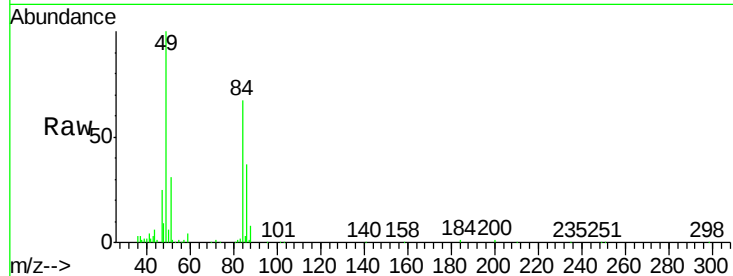
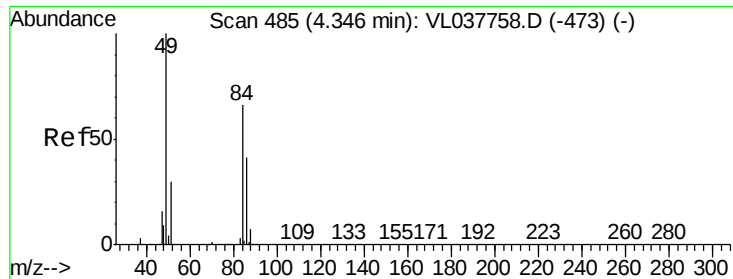
Tgt Ion: 45 Resp: 40154

Ion Ratio Lower Upper

45 100

58 24.2 1.1 1.7#



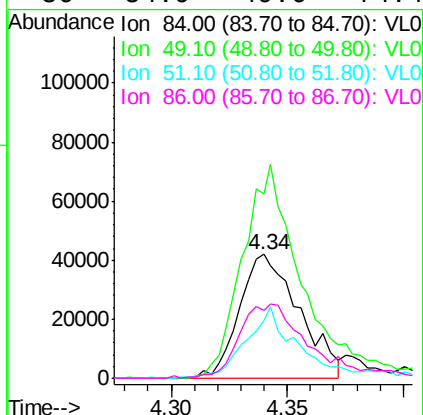


#20
Methvlene Chloride
Concen: 1.258 ppbv
RT: 4.34
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Oct 2021 1:08

Tot Ion:
Ion Ratio
84 100
49 149.
51 45.
86 54.9 49.6 74.4

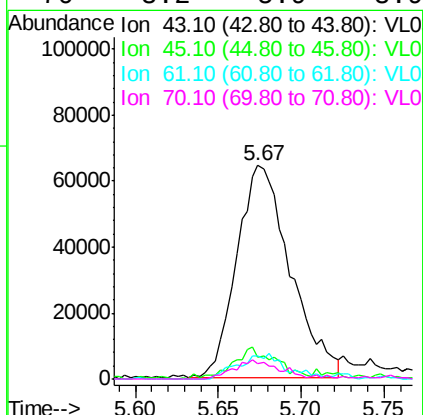
Manual Integrations
APPROVED

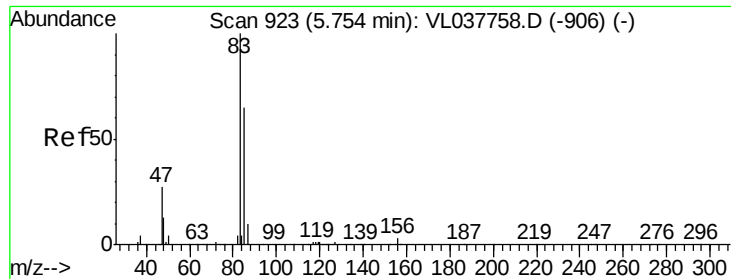
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#25
Ethyl Acetate
Concen: 0.441 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL037845.D
Acq: 13 Oct 2021 1:08

Tgt Ion: 43 Resp: 144658
Ion Ratio Lower Upper
43 100
45 13.2 8.1 12.1#
61 11.9 7.5 11.3#
70 8.2 5.9 8.9



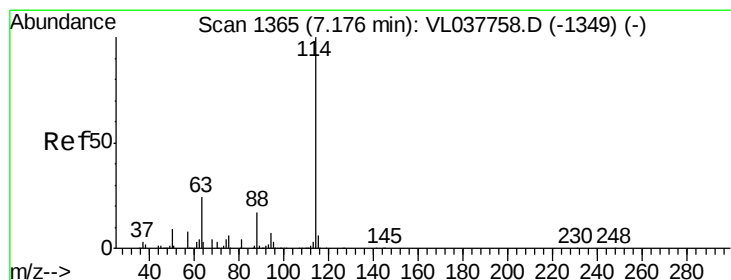
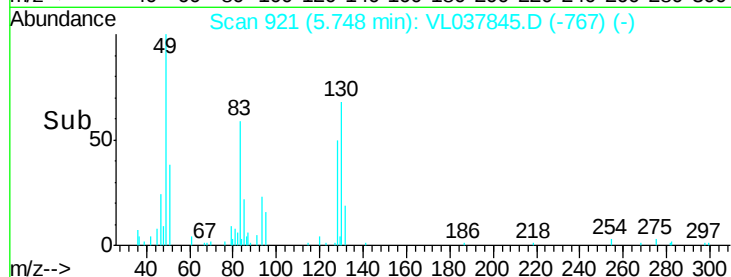
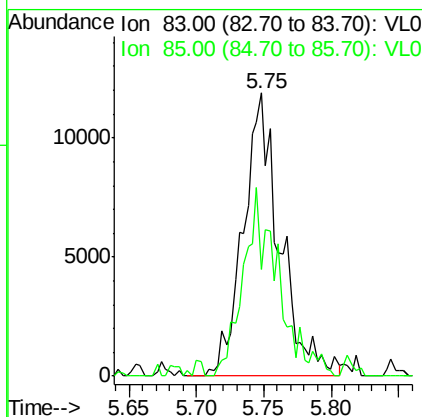
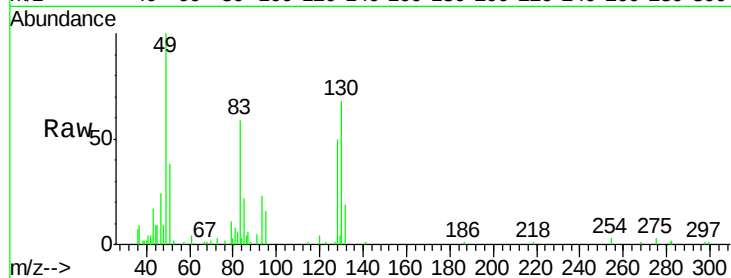


#29
Chloroform
Concen: 0.097 ppbv m
RT: 5.75
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 13 Oct 2021 1:08

Tot Ion:
Ion Ratio
83 100
85 37.

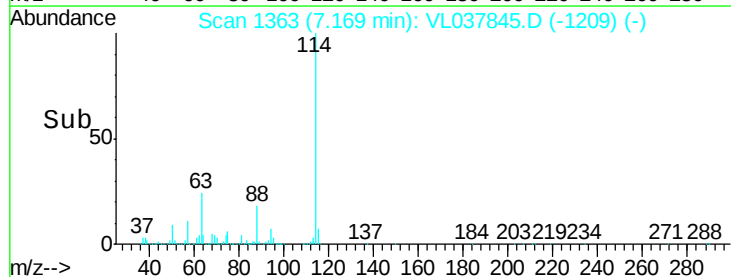
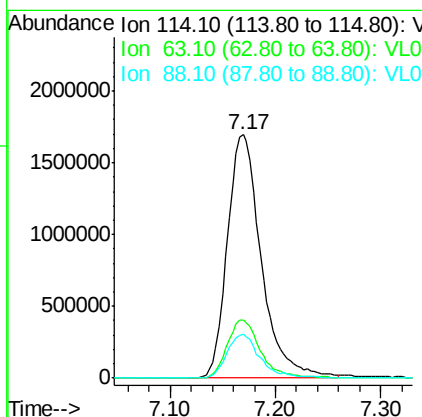
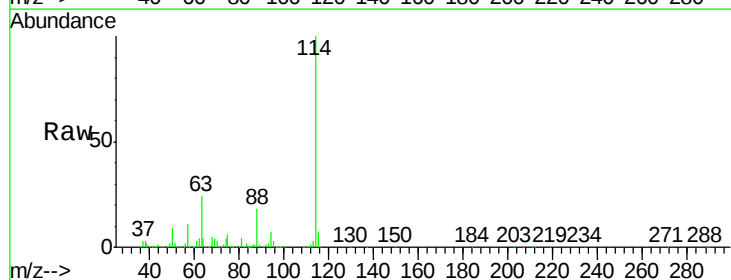
Manual Integrations
APPROVED

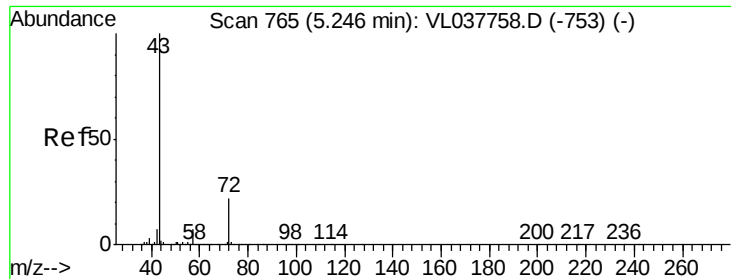
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL037845.D
Acq: 13 Oct 2021 1:08

Tgt Ion:114 Resp: 3782623
Ion Ratio Lower Upper
114 100
63 23.8 19.4 29.2
88 17.9 14.4 21.6



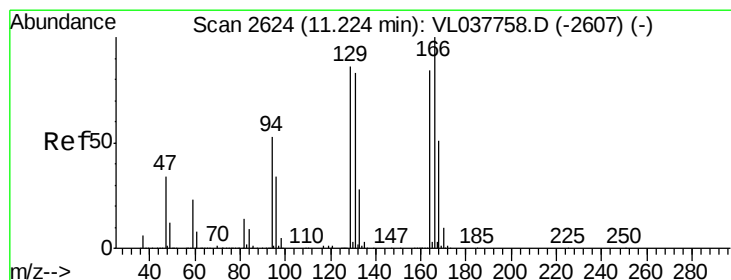
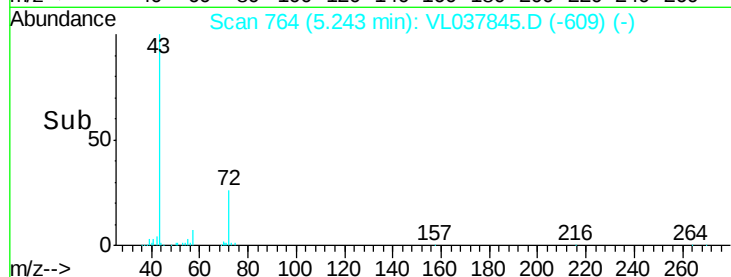
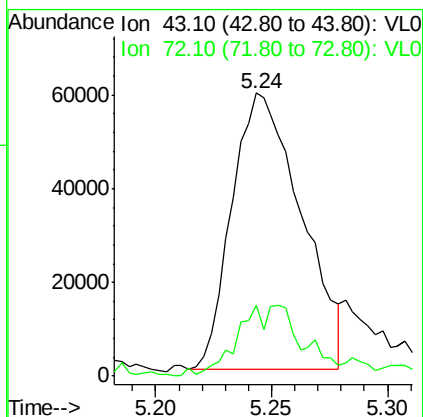
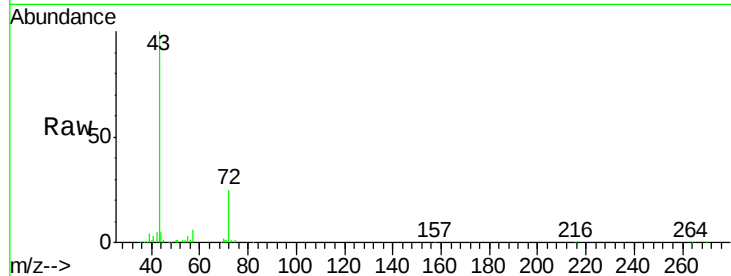


#34
2-Butanone
Concen: 0.801 ppbv
RT: 5.24
Delta R.T.: MSVOA_L
Lab File: ClientSampled:
Acq: 13 Oct 2021 1:08

Tot Ion:
Ion Ratio
43 100
72 29.

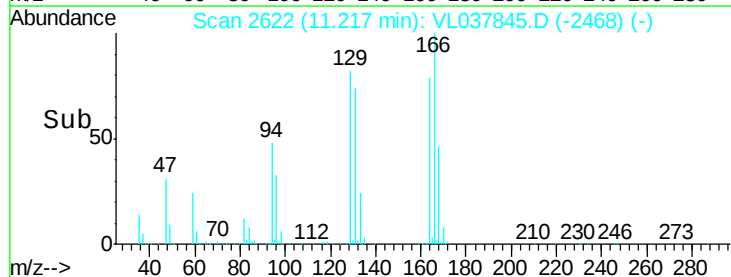
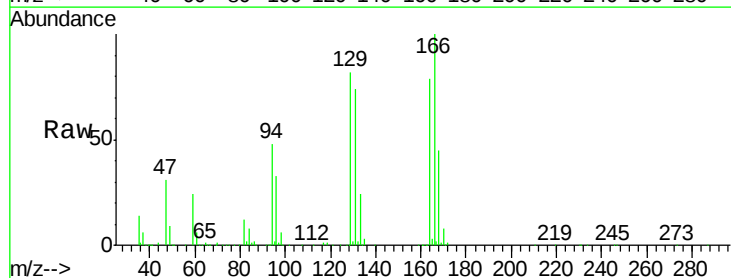
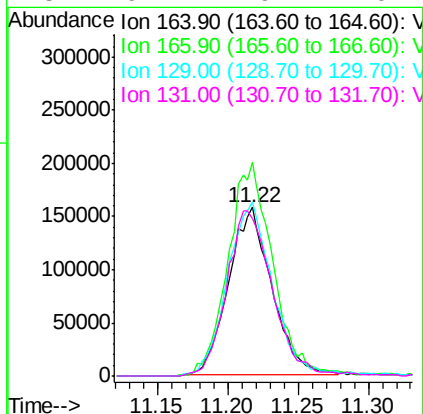
Manual Integrations
APPROVED

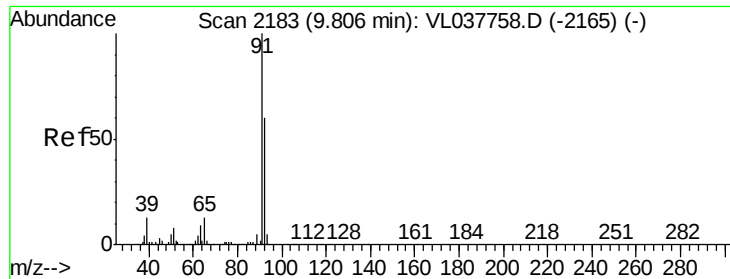
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#52
Tetrachloroethene
Concen: 2.696 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL037845.D
Acq: 13 Oct 2021 1:08

Tgt Ion:164 Resp: 338915
Ion Ratio Lower Upper
164 100
166 126.4 95.4 143.2
129 102.7 82.2 123.4
131 92.1 79.4 119.2





#53

Toluene

Concen: 0.408 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Oct 2021 1:08

Tot Ion:

Ion Ratio

91 100

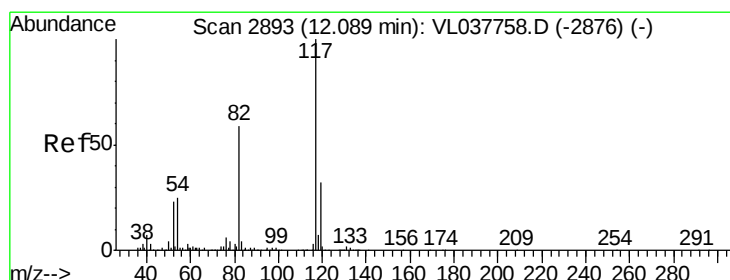
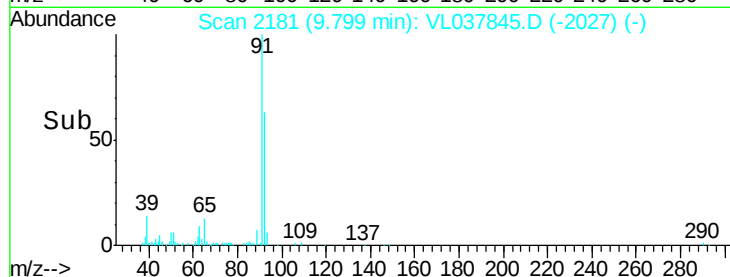
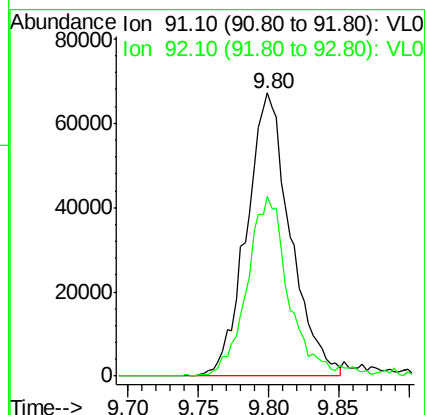
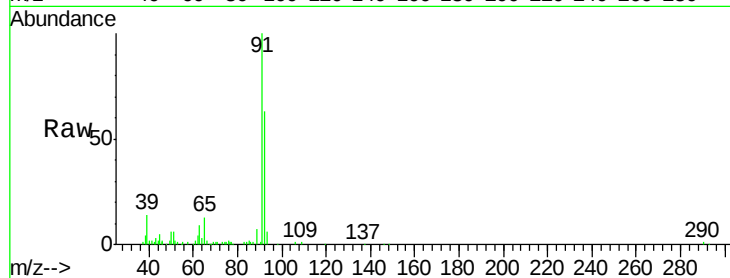
92 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2889

Delta R.T. -0.01 min

Lab File: VL037845.D

Acq: 13 Oct 2021 1:08

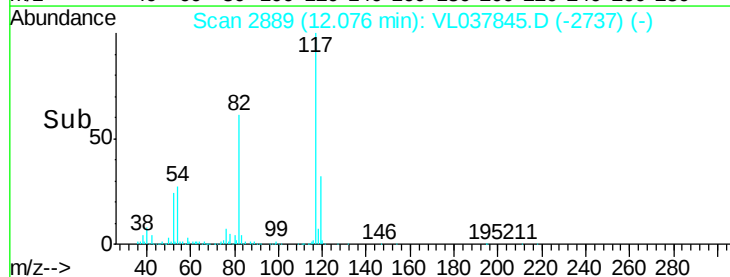
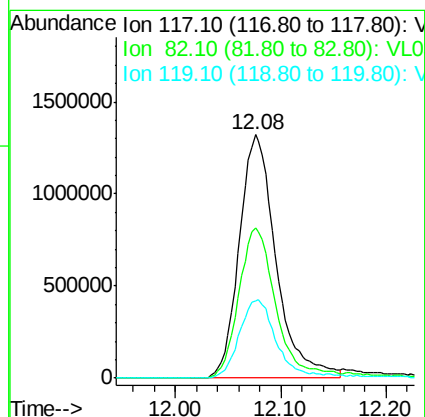
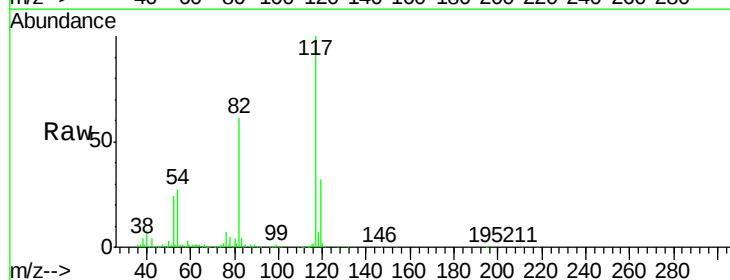
Tgt Ion:117 Resp: 3212116

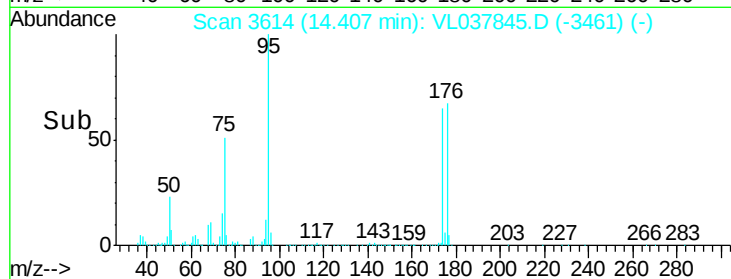
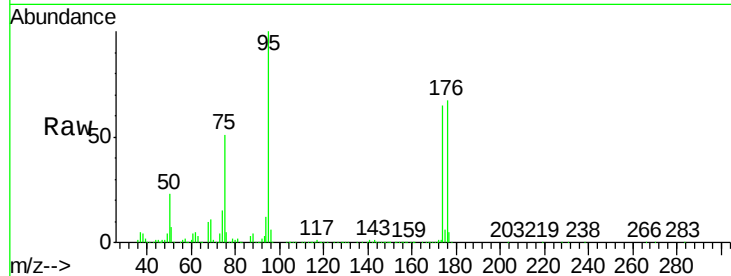
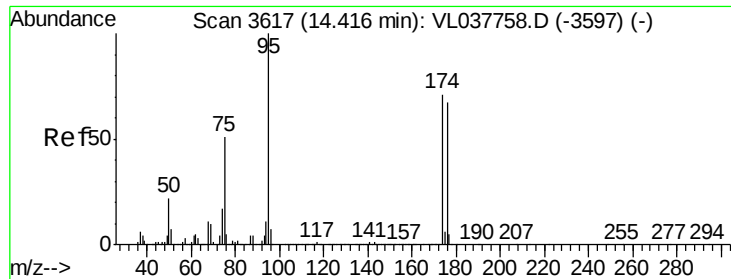
Ion Ratio Lower Upper

117 100

82 64.4 52.2 78.2

119 33.5 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.801 ppbv

RT: 14.41

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Oct 2021 1:08

Tot Ion:

Ion Ratio

95 100

174 76.

175 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021

