

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039221.D
 Acq On : 7 Jun 2022 22:55
 Operator : SY/AP
 Sample : N3214-14 0.1 LOQ
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022

Manual Integrations
 APPROVED

Quant Time: Jun 08 07:05:33 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122A

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

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	674949	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1566754	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1361352	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1159592	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	28612m	0.241	ppbv	
3) Chlorodifluoromethane	2.99	51	15950	0.186	ppbv	92
4) Chloromethane	3.14	50	7807	0.177	ppbv	90
5) Vinyl Chloride	3.26	62	7623m	0.185	ppbv	
6) Bromomethane	3.48	94	3569m	0.176	ppbv	
7) Chloroethane	3.56	64	3252m	0.226	ppbv	
8) Dichlorotetrafluoroethane	3.20	85	19764	0.182	ppbv	97
9) Propene	3.02	41	10251m	0.274	ppbv	
10) Heptane	8.12	43	9744m	0.112	ppbv	
11) Trichlorofluoromethane	3.95	101	21879	0.204	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.49	101	16096m	0.227	ppbv	
13) Ethanol	3.61	45	695	0.340	ppbv	# 100
14) Bromoethene	3.75	108	5284m	0.166	ppbv	
15) Acetone	3.87	43	24006m	0.341	ppbv	
16) 1,3-Butadiene	3.33	39	8463m	0.224	ppbv	
17) tert-Butyl alcohol	4.32	59	11874m	0.218	ppbv	
18) 1,1-Dichloroethene	4.29	96	7325m	0.230	ppbv	
19) Isopropyl Alcohol	4.00	45	6887m	0.209	ppbv	
20) Methylene Chloride	4.34	84	12097m	0.408	ppbv	
21) Allyl Chloride	4.41	41	9371m	0.198	ppbv	
22) trans-1,2-Dichloroethene	4.89	96	6135m	0.200	ppbv	
23) Vinyl Acetate	5.09	43	12915m	0.222	ppbv	
24) 1,1-Dichloroethane	5.02	63	12496m	0.157	ppbv	
25) Ethyl Acetate	5.69	43	21332m	0.135	ppbv	
26) Hexane	5.69	57	10326m	0.148	ppbv	
27) Carbon Disulfide	4.56	76	11499m	0.159	ppbv	
28) Methyl tert-Butyl Ether	5.05	73	13134m	0.171	ppbv	
29) Chloroform	5.75	83	20853m	0.178	ppbv	
30) Cyclohexane	7.13	84	11652m	0.199	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	11099m	0.156	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	17111m	0.149	ppbv	
34) 2-Butanone	5.27	43	12989m	0.153	ppbv	
35) Carbon Tetrachloride	7.02	117	17652m	0.154	ppbv	
36) Benzene	6.89	78	17156m	0.135	ppbv	
37) 1,2-Dichloroethane	6.30	62	14891m	0.178	ppbv	
38) Trichloroethene	7.83	130	9511m	0.163	ppbv	
39) 1,2-Dichloropropane	7.61	63	8251m	0.163	ppbv	
40) 1,4-Dioxane	7.92	88	2849m	0.171	ppbv	
41) Tetrahydrofuran	6.09	42	6047m	0.118	ppbv	
42) Bromodichloromethane	7.79	83	16775m	0.144	ppbv	
43) Methyl Methacrylate	8.02	69	5755m	0.116	ppbv	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039221.D
 Acq On : 7 Jun 2022 22:55
 Operator : SY/AP
 Sample : N3214-14 0.1 LOQ
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022

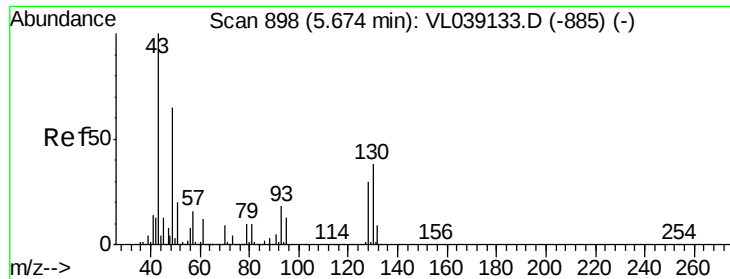
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

Quant Time: Jun 08 07:05:33 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	27300m	0.123	ppbv	
45) t-1,3-Dichloropropene	9.29	75	3907m	0.076	ppbv	
46) cis-1,3-Dichloropropene	8.71	75	6174m	0.091	ppbv	
47) 1,1,2-Trichloroethane	9.48	97	8319m	0.158	ppbv	
48) Dibromochloromethane	10.30	129	9321m	0.099	ppbv	
49) Bromoform	13.05	173	7022m	0.089	ppbv	
50) 4-Methyl-2-Pentanone	8.78	43	12800m	0.100	ppbv	
51) 2-Hexanone	10.16	43	10816m	0.109	ppbv	
52) Tetrachloroethene	11.22	164	6902m	0.139	ppbv	
53) Toluene	9.80	91	17351m	0.118	ppbv	
54) 1,2-Dibromoethane	10.62	107	9128m	0.129	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.12	131	9602m	0.149	ppbv	
57) Chlorobenzene	12.14	112	15842m	0.155	ppbv	
58) Ethyl Benzene	12.71	91	22471m	0.120	ppbv	
59) m/p-Xylene	13.01	91	38767m	0.235	ppbv	
60) o-Xylene	13.69	91	16584m	0.107	ppbv	
61) Styrene	13.52	104	7986m	0.096	ppbv	
62) Isopropylbenzene	14.66	105	29597m	0.128	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.68	83	10294m	0.118	ppbv	
64) n-propylbenzene	15.57	120	5404m	0.095	ppbv	
65) tert-Butylbenzene	16.74	119	24260m	0.115	ppbv	
66) Benzyl Chloride	16.99	91	3369m	0.123	ppbv	
67) sec-Butylbenzene	17.30	105	32011m	0.111	ppbv	
69) p-Isopropyltoluene	17.65	119	25434m	0.105	ppbv	
70) n-Butylbenzene	18.54	91	26349m	0.106	ppbv	
71) 2-Chlorotoluene	15.45	91	22177m	0.126	ppbv	
72) 4-Ethyltoluene	15.84	105	17073m	0.094	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	19380m	0.118	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	21277m	0.116	ppbv	
75) 1,3-Dichlorobenzene	17.00	146	13815m	0.133	ppbv	
76) 1,4-Dichlorobenzene	17.13	146	12250m	0.119	ppbv	
77) 1,2-Dichlorobenzene	17.81	146	14452m	0.138	ppbv	
78) Hexachloro-1,3-Butadiene	23.37	225	13093m	0.137	ppbv	
79) Naphthalene	22.20	128	10614m	0.075	ppbv	
81) 1,2,4-Trichlorobenzene	21.93	180	8249m	0.092	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

49 100

128 47.

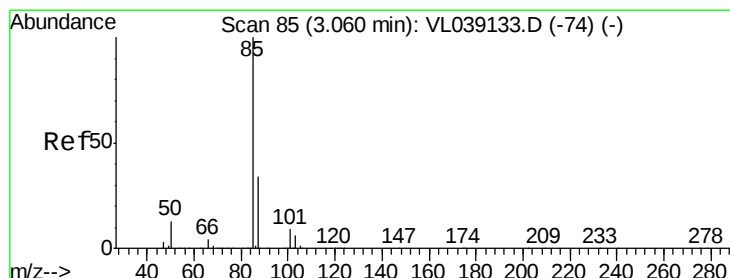
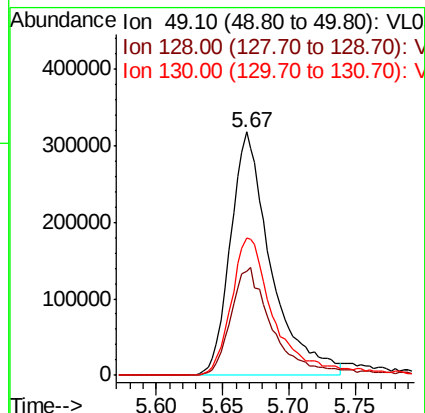
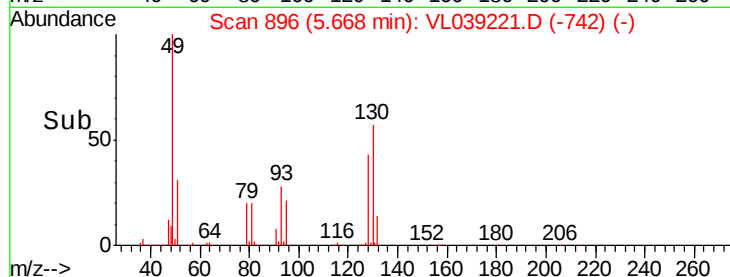
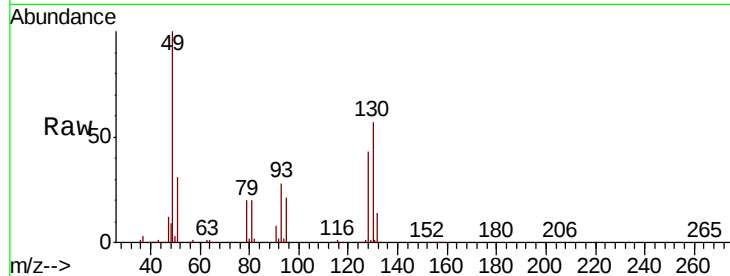
130 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#2

Dichlorodifluoromethane

Concen: 0.241 ppbv m

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039221.D

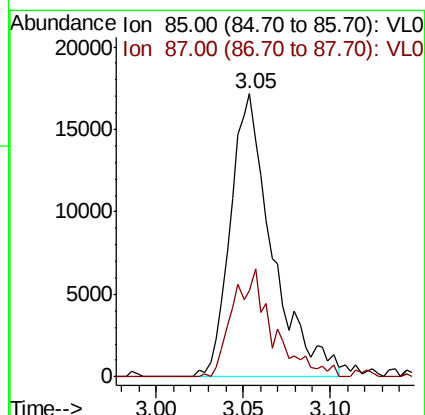
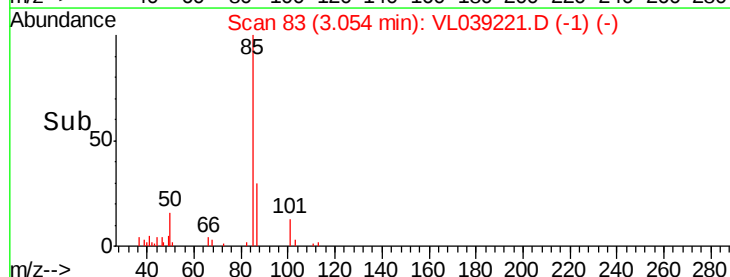
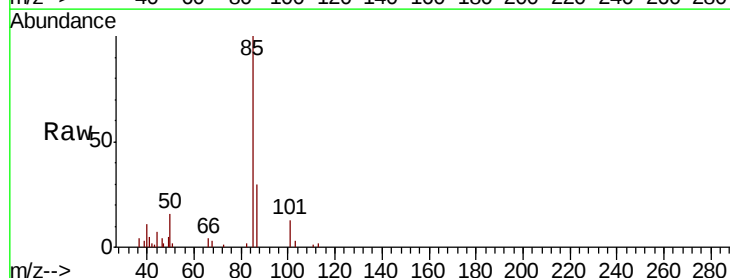
Acq: 7 Jun 2022 22:55

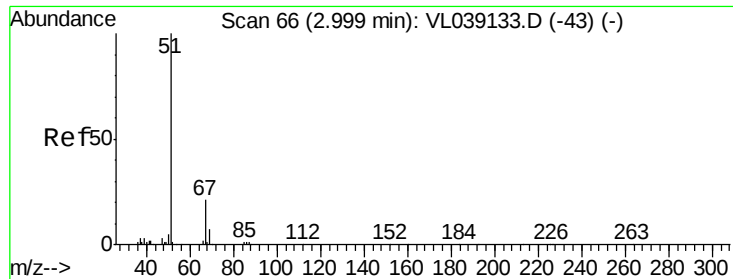
Tgt Ion: 85 Resp: 28612

Ion Ratio Lower Upper

85 100

87 30.4 26.9 40.3



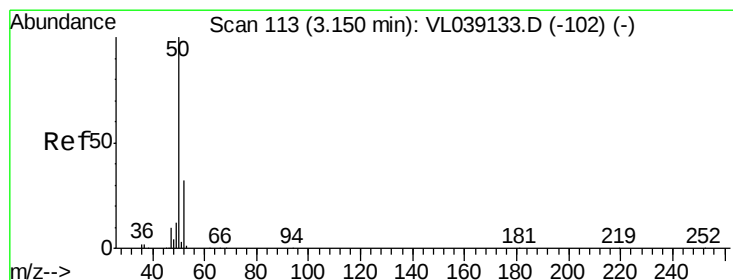
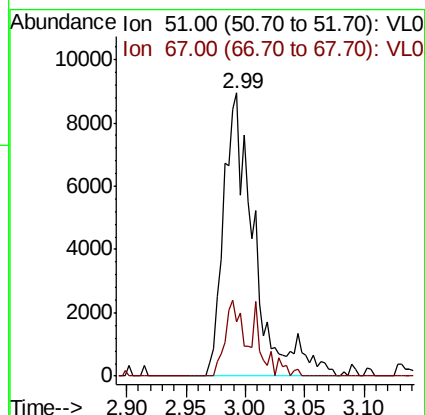
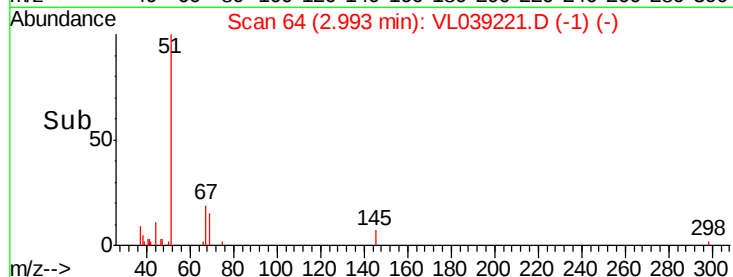
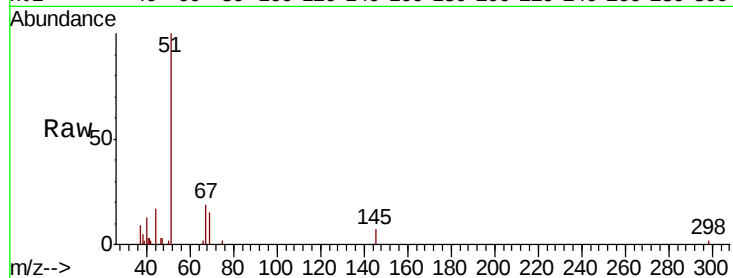


#3
Chlorodifluoromethane
Concen: 0.186 ppbv
RT: 2.99 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 22:55

Tot Ion:
Ion Ratio
51 100
67 23.

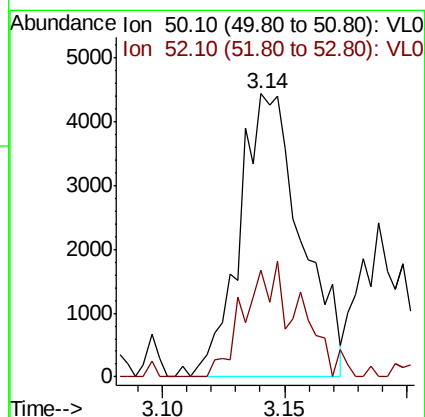
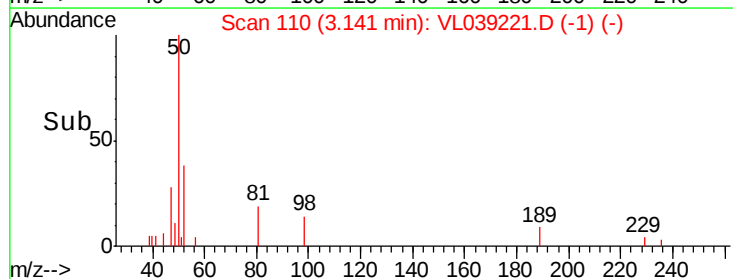
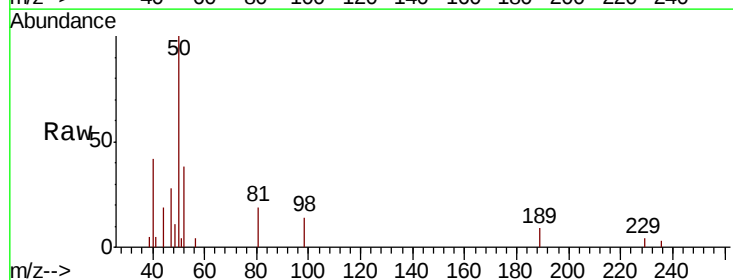
Manual Integrations
APPROVED

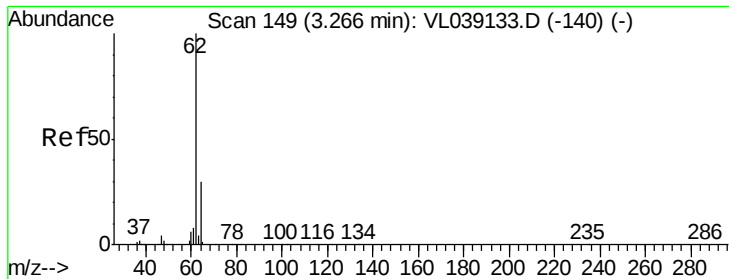
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#4
Chloromethane
Concen: 0.177 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.01 min
Lab File: VL039221.D
Acq: 7 Jun 2022 22:55

Tgt Ion: 50 Resp: 7807
Ion Ratio Lower Upper
50 100
52 37.8 25.9 38.9





#5

Vinyl Chloride

Concen: 0.185 ppbv m

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

62 100

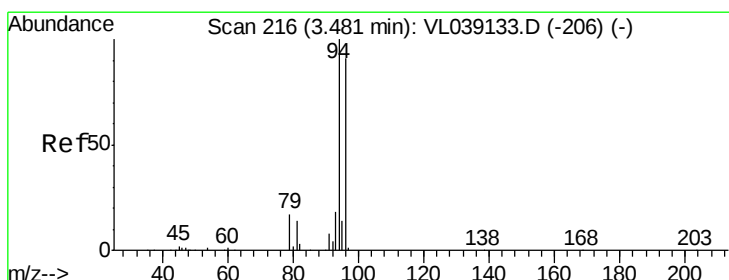
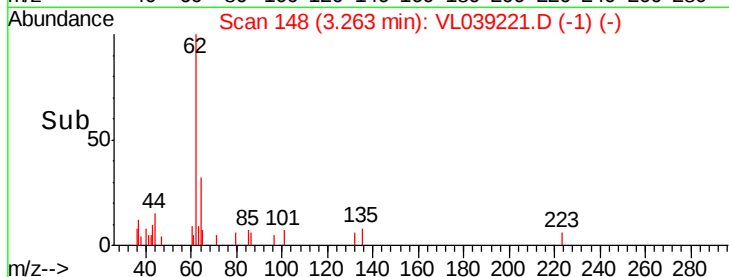
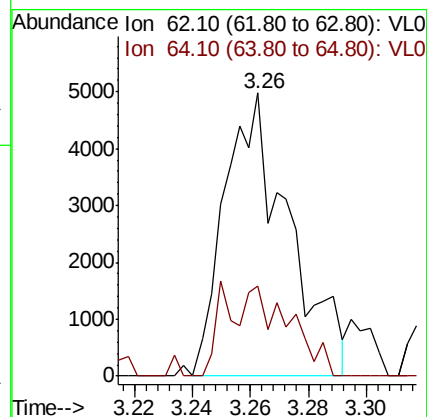
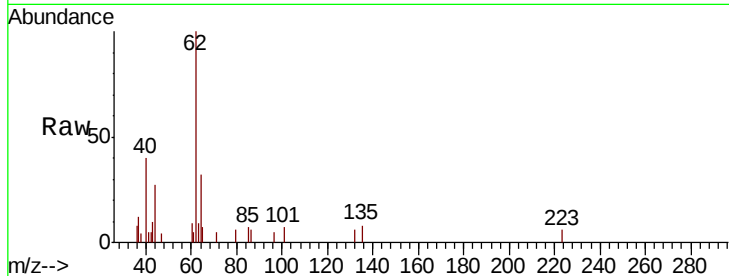
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#6

Bromomethane

Concen: 0.176 ppbv m

RT: 3.48 min Scan# 215

Delta R.T. -0.00 min

Lab File: VL039221.D

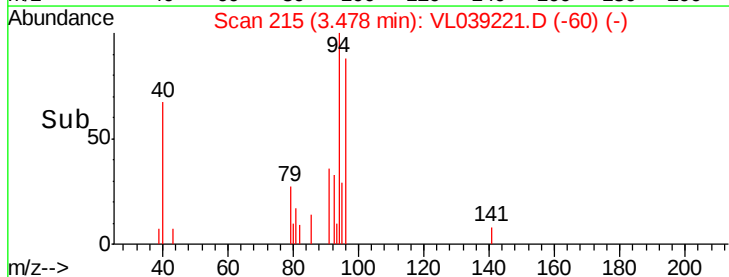
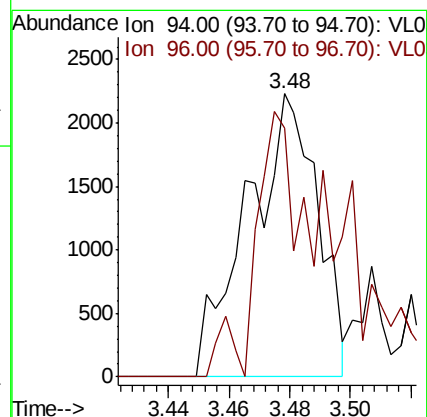
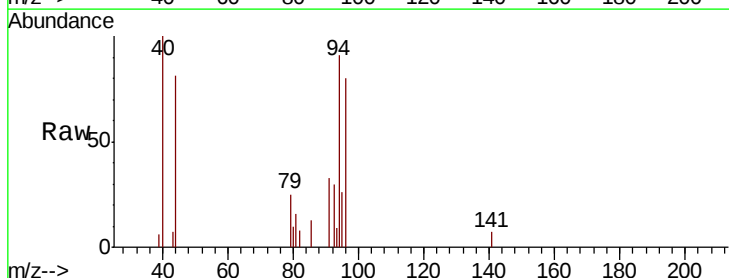
Acq: 7 Jun 2022 22:55

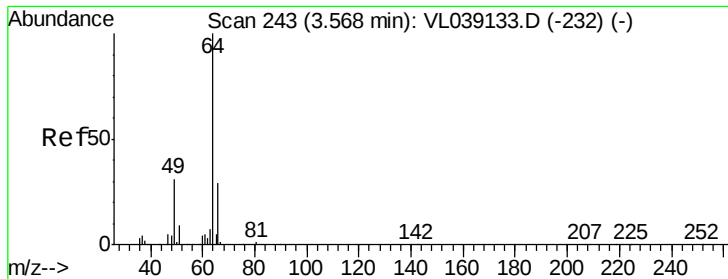
Tgt Ion: 94 Resp: 3569

Ion Ratio Lower Upper

94 100

96 87.8 73.0 109.4





#7

Chloroethane

Concen: 0.226 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

64 100

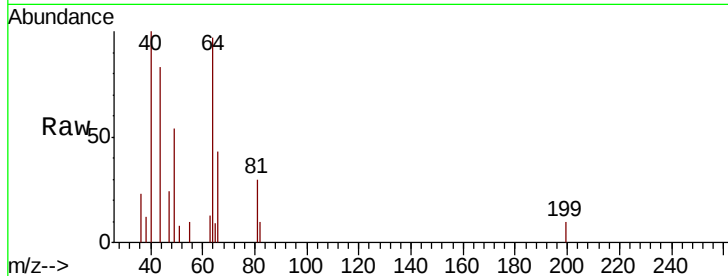
66 44.

Manual Integrations

APPROVED

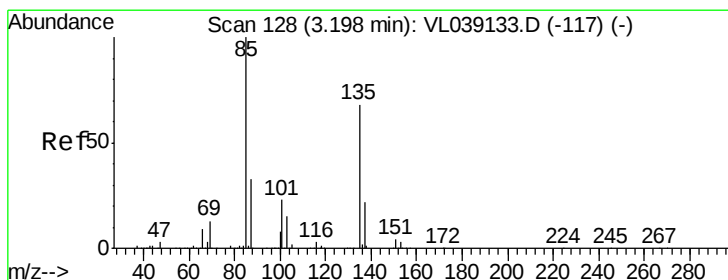
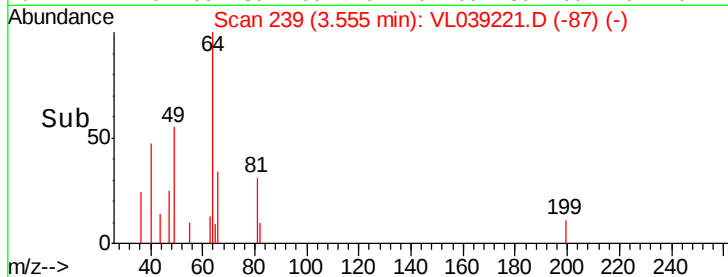
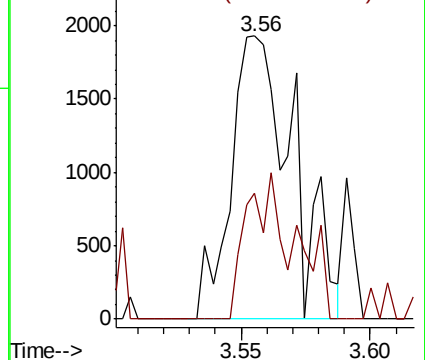
Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.182 ppbv

RT: 3.20 min Scan# 127

Delta R.T. -0.00 min

Lab File: VL039221.D

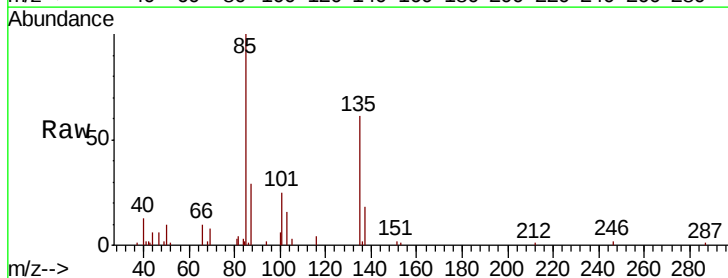
Acq: 7 Jun 2022 22:55

Tgt Ion: 85 Resp: 19764

Ion Ratio Lower Upper

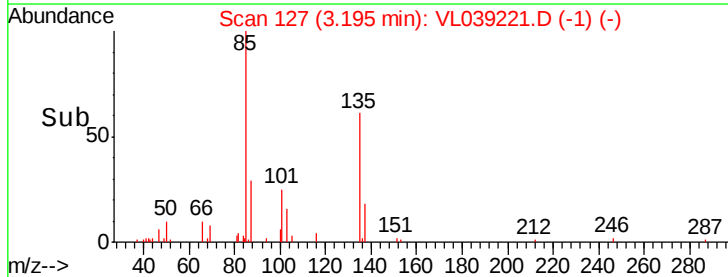
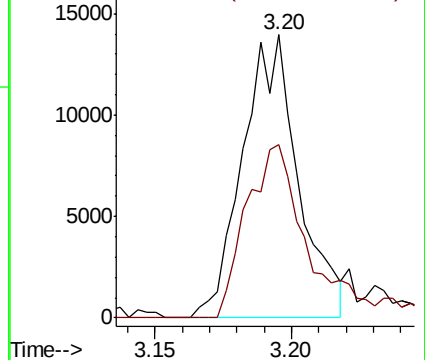
85 100

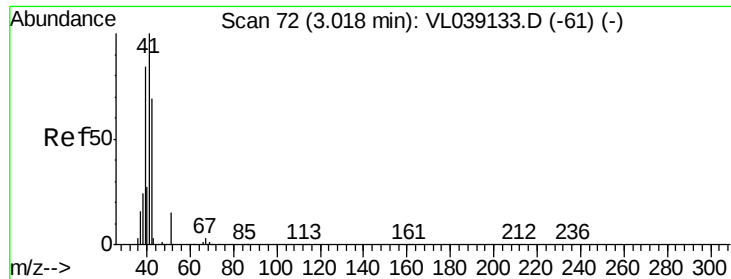
135 71.4 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.274 ppbv m

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

41 100

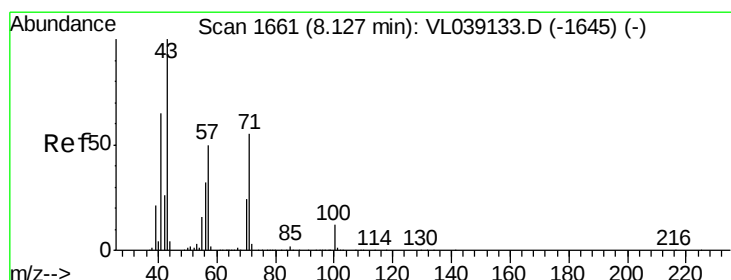
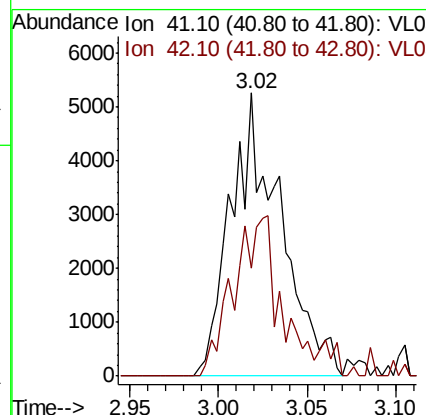
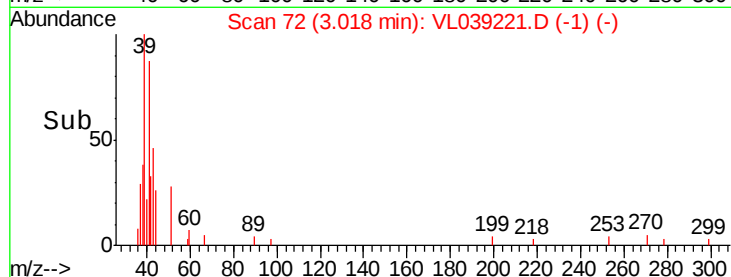
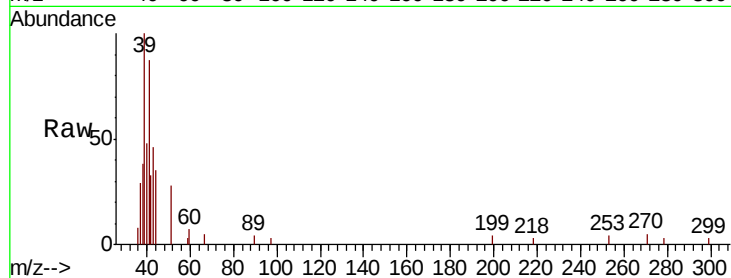
42 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#10

Heptane

Concen: 0.112 ppbv m

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL039221.D

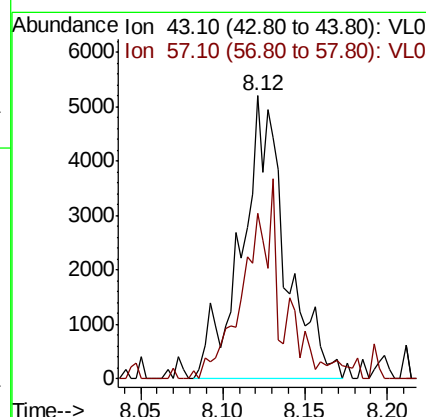
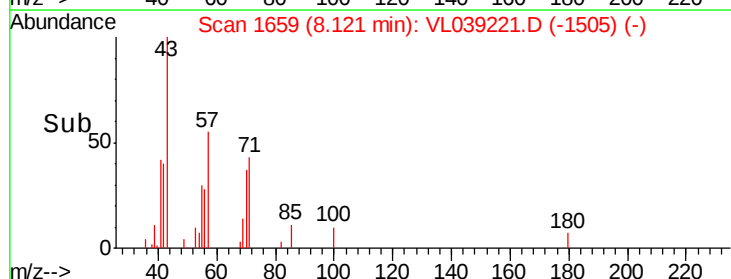
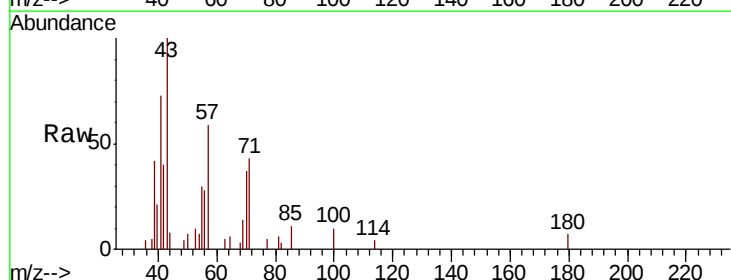
Acq: 7 Jun 2022 22:55

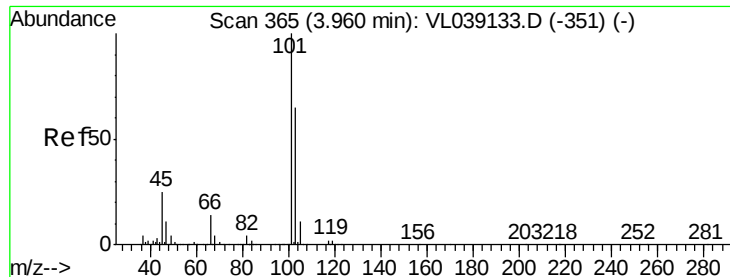
Tgt Ion: 43 Resp: 9744

Ion Ratio Lower Upper

43 100

57 0.0 41.4 62.2#





#11

Trichlorofluoromethane

Concen: 0.204 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55

Tot Ion:1

Ion Rati

101 100

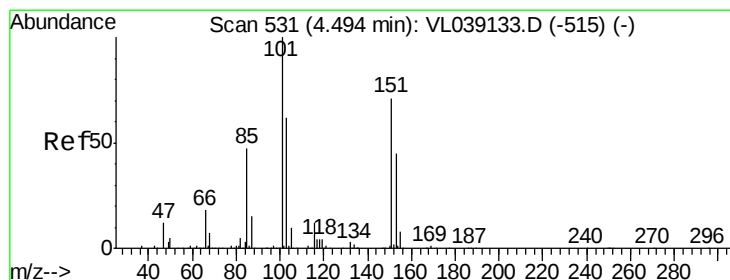
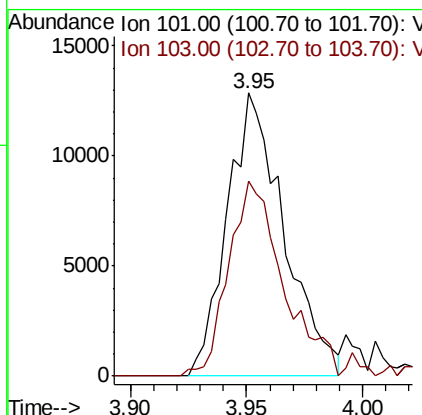
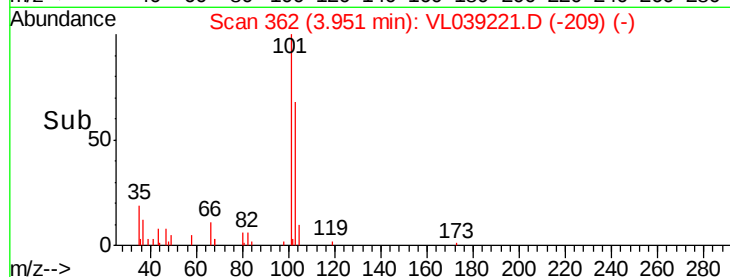
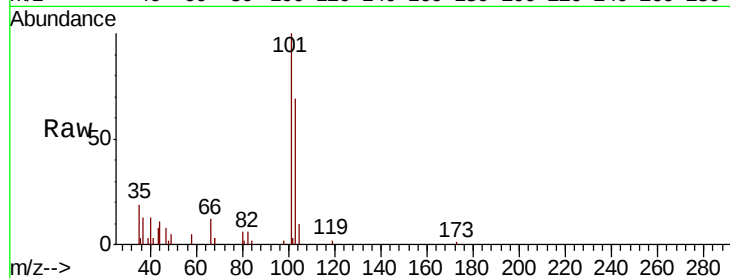
103 68.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.227 ppbv m

RT: 4.49 min Scan# 529

Delta R.T. -0.01 min

Lab File: VL039221.D

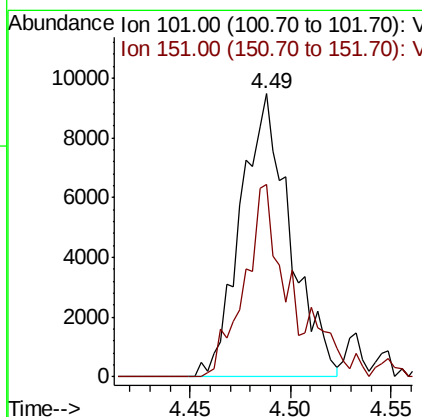
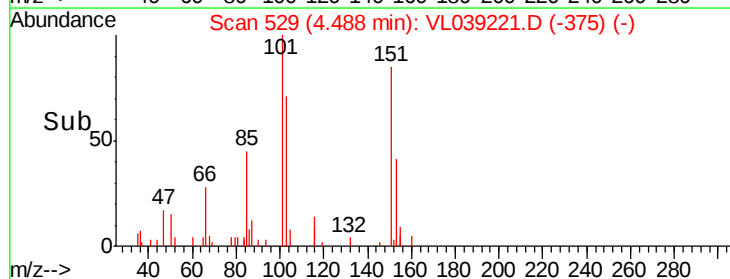
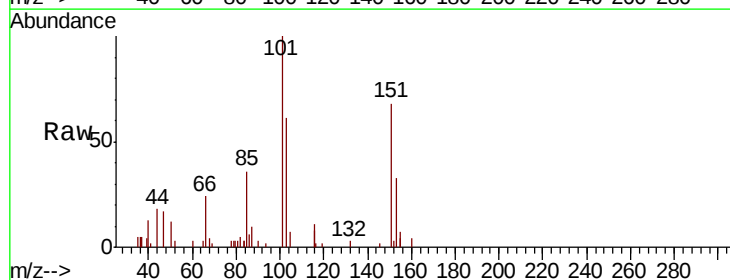
Acq: 7 Jun 2022 22:55

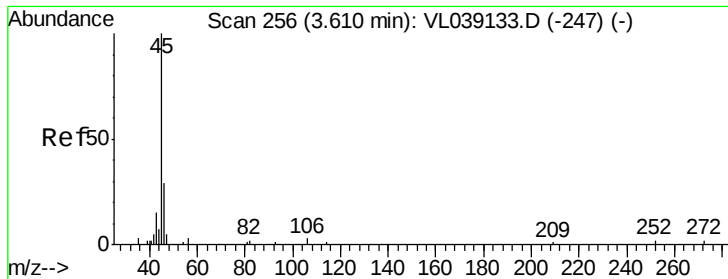
Tgt Ion:101 Resp: 16096

Ion Ratio Lower Upper

101 100

151 64.6 59.4 89.0





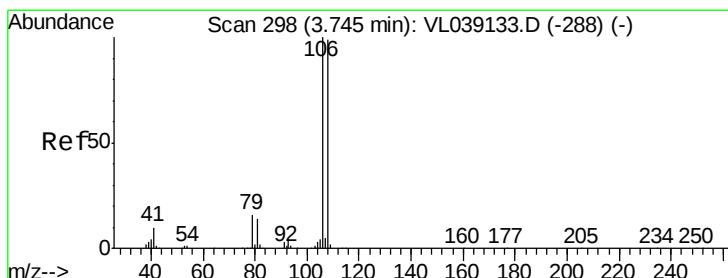
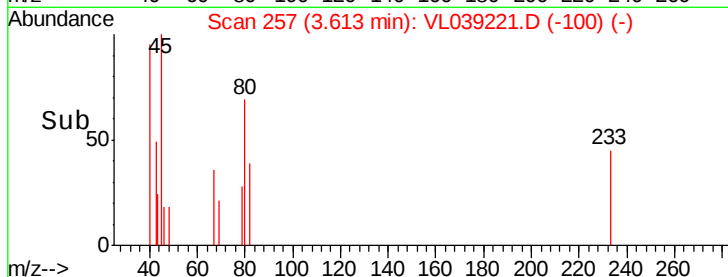
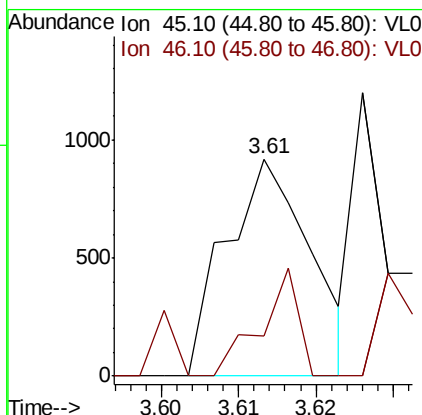
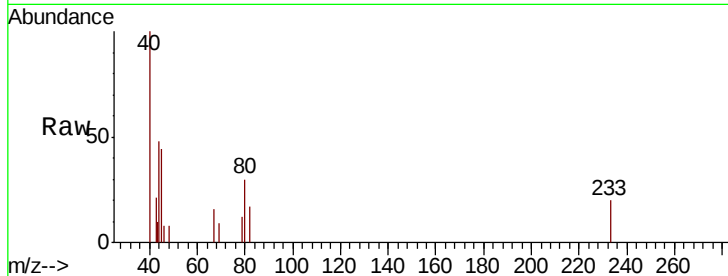
#13
Ethanol
Concen: 0.340 ppbv
RT: 3.61 min
Delta R.T.: 0.00 min
Lab File: VL039221.D
Acq: 7 Jun 2022 22:55

Instrument : MSVOA_1
ClientSampleId :
LOQ-AIR-02-OT2-2022

Tot Ion:
Ion Ratio
45 100
46 62.

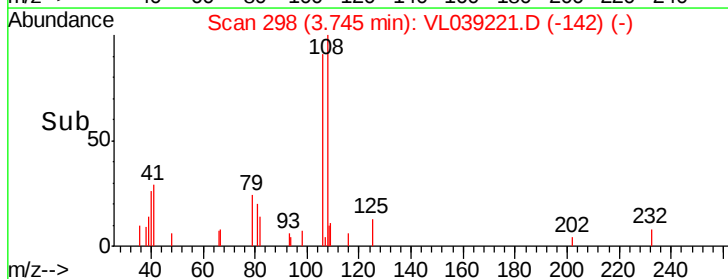
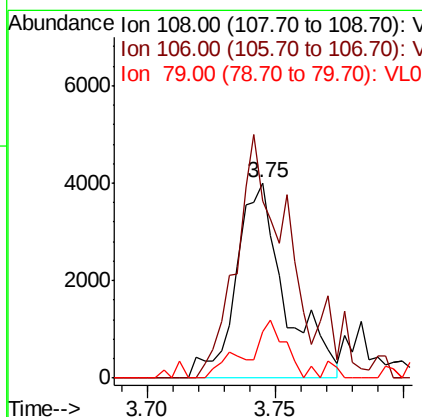
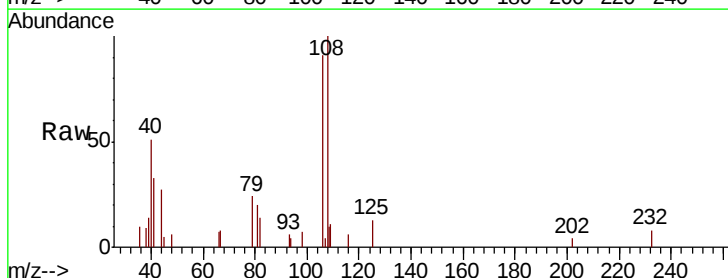
Manual Integrations
APPROVED

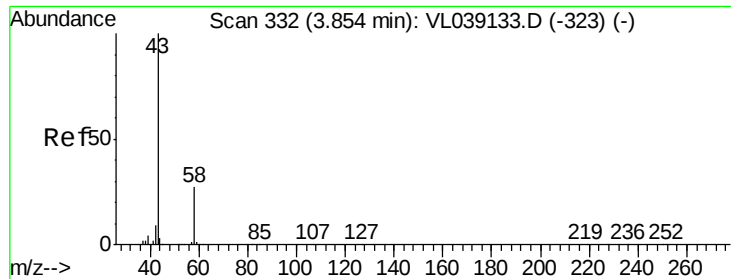
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#14
Bromoethene
Concen: 0.166 ppbv m
RT: 3.75 min Scan# 298
Delta R.T.: 0.00 min
Lab File: VL039221.D
Acq: 7 Jun 2022 22:55

Tgt Ion:108 Resp: 5284
Ion Ratio Lower Upper
108 100
106 145.1 88.4 132.6#
79 27.7 13.4 20.2#





#15

Acetone

Concen: 0.341 ppbv m

RT: 3.87

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

43 100

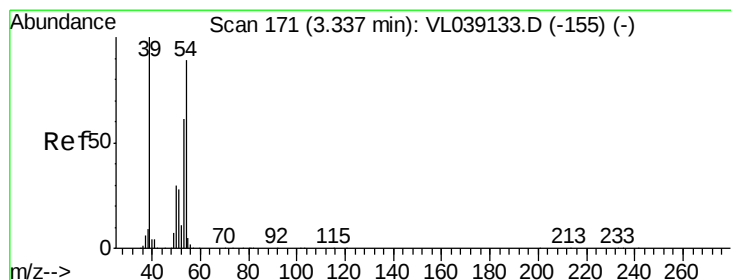
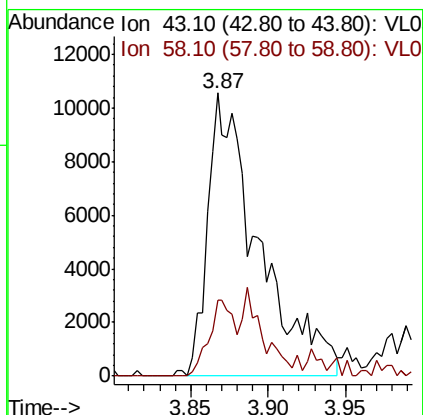
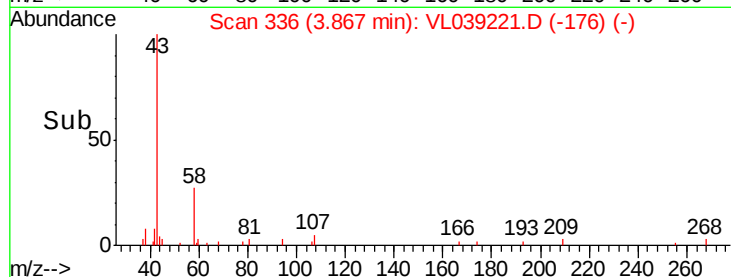
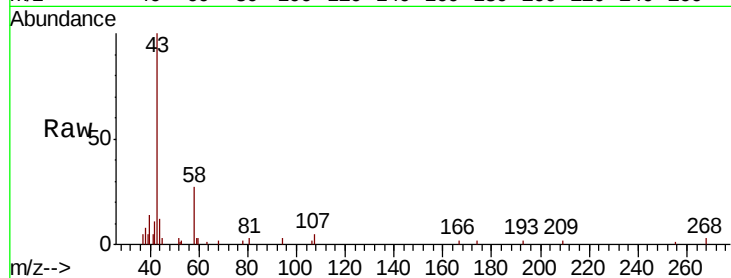
58 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#16

1,3-Butadiene

Concen: 0.224 ppbv m

RT: 3.33 min Scan# 168

Delta R.T. -0.01 min

Lab File: VL039221.D

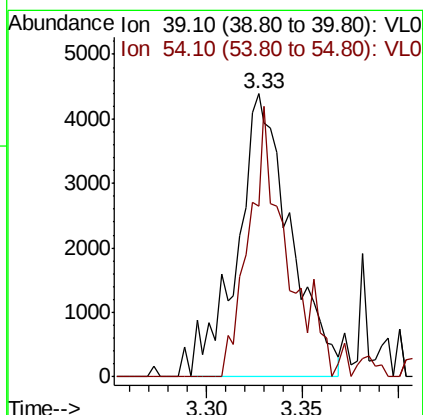
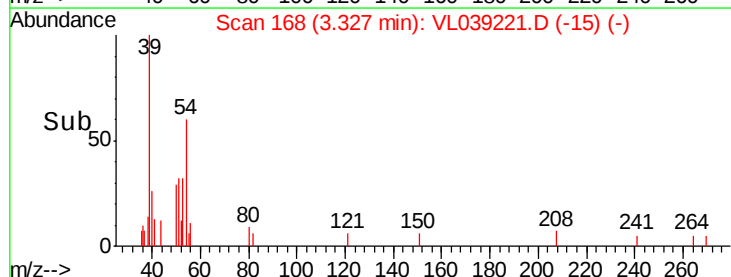
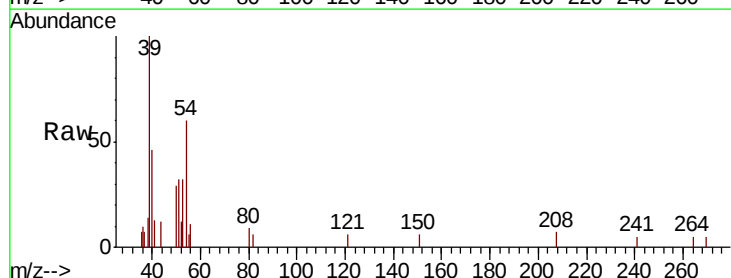
Acq: 7 Jun 2022 22:55

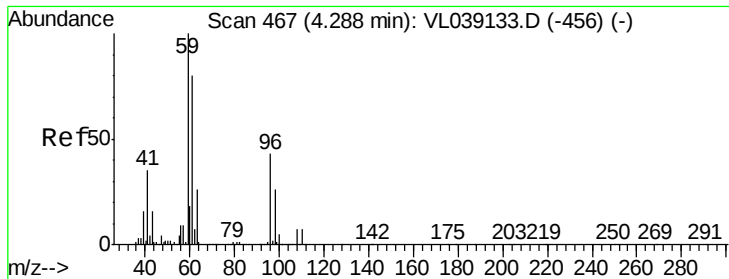
Tgt Ion: 39 Resp: 8463

Ion Ratio Lower Upper

39 100

54 72.3 65.8 98.6





#17

tert-Butyl alcohol

Concen: 0.218 ppbv m

RT: 4.32 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

59 100

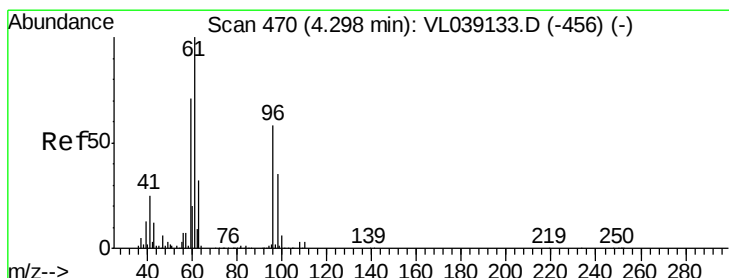
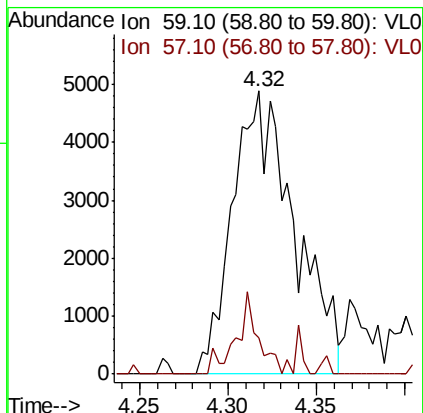
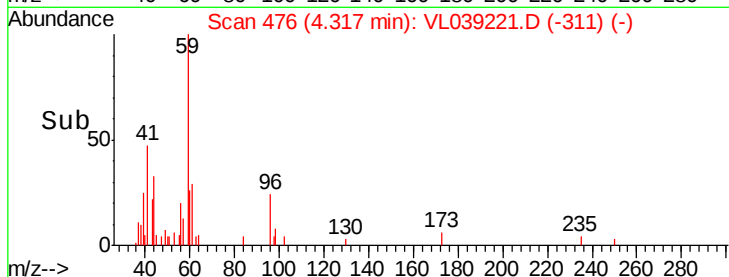
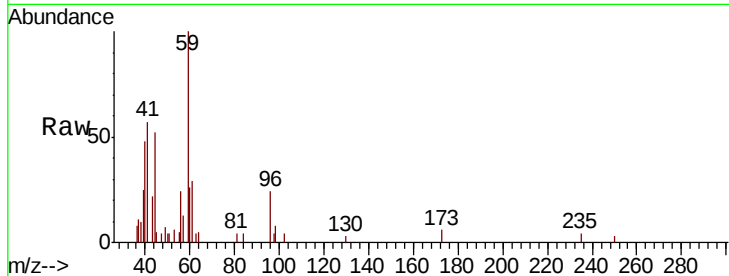
57 13.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#18

1,1-Dichloroethene

Concen: 0.230 ppbv m

RT: 4.29 min Scan# 469

Delta R.T. -0.00 min

Lab File: VL039221.D

Acq: 7 Jun 2022 22:55

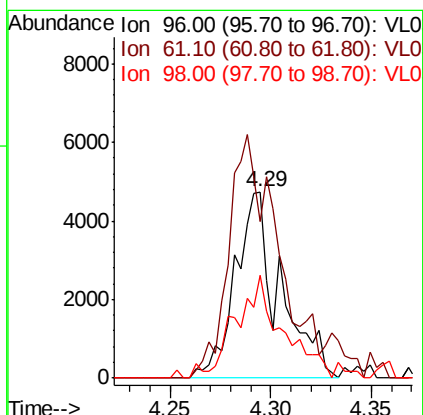
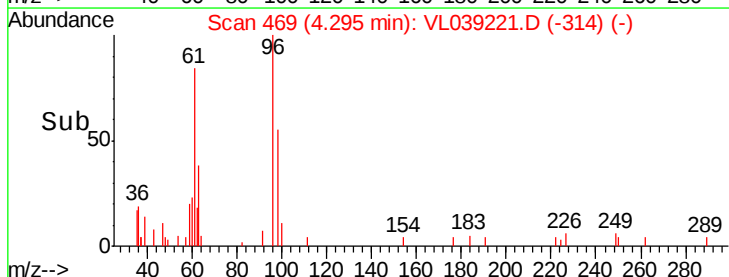
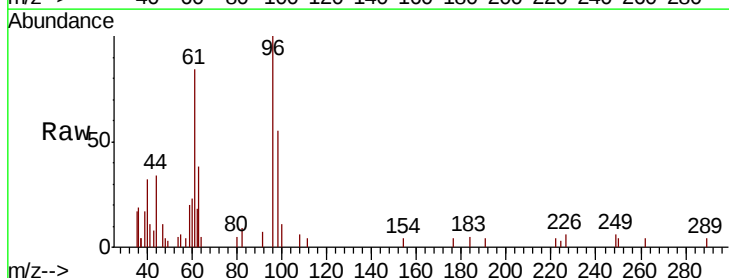
Tgt Ion: 96 Resp: 7325

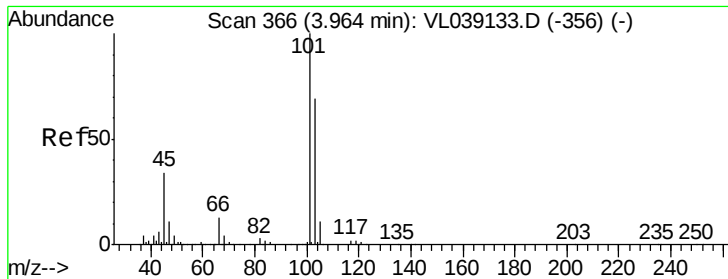
Ion Ratio Lower Upper

96 100

61 84.1 138.4 207.6#

98 54.8 47.8 71.8





#19

Isopropyl Alcohol

Concen: 0.209 ppbv m

RT: 4.00 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

45 100

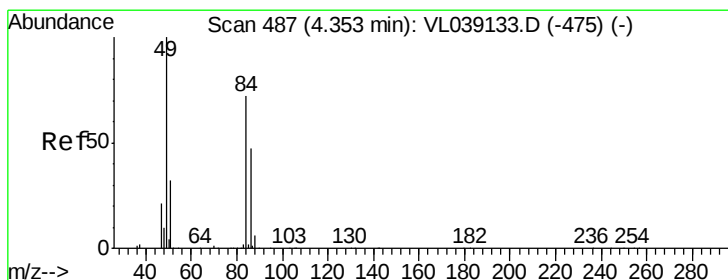
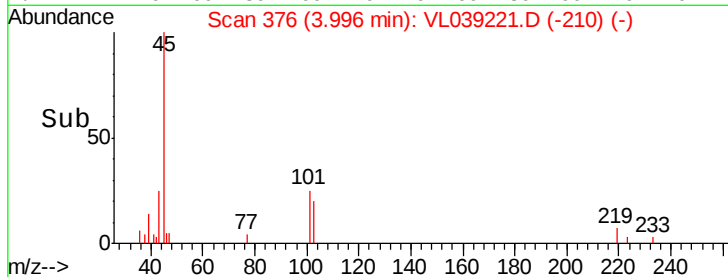
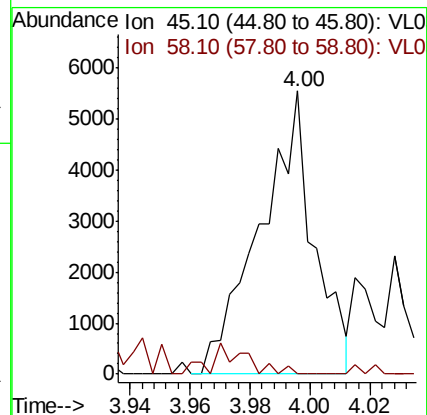
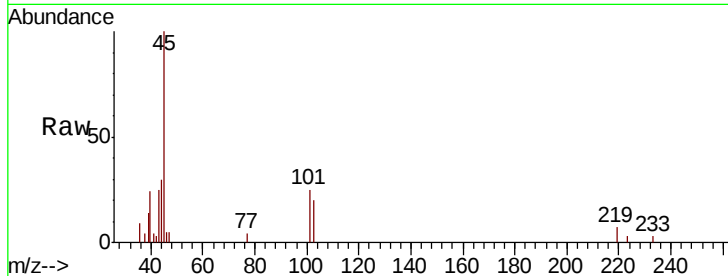
58 13.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#20

Methylene Chloride

Concen: 0.408 ppbv m

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL039221.D

Acq: 7 Jun 2022 22:55

Tgt Ion: 84 Resp: 12097

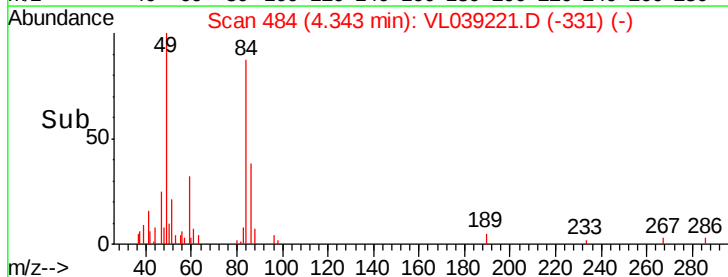
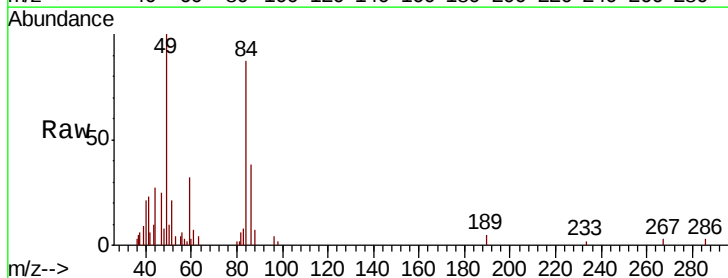
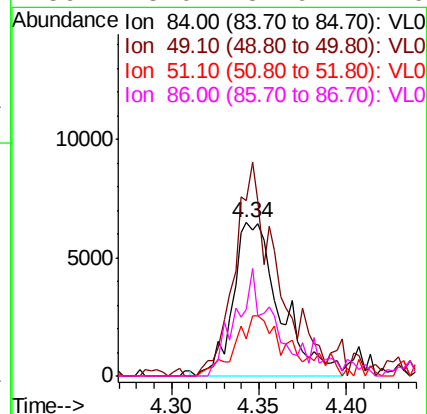
Ion Ratio Lower Upper

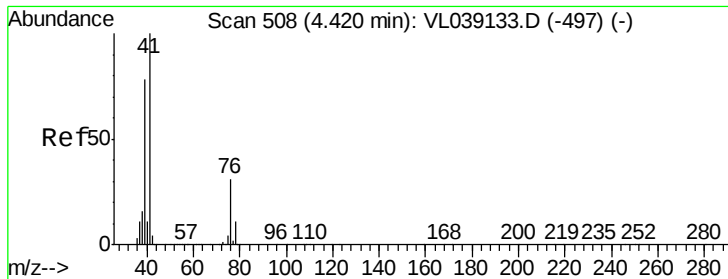
84 100

49 114.3 111.1 166.7

51 24.0 35.3 52.9#

86 43.0 51.9 77.9#



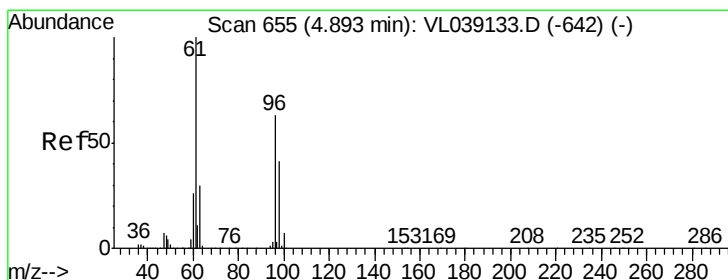
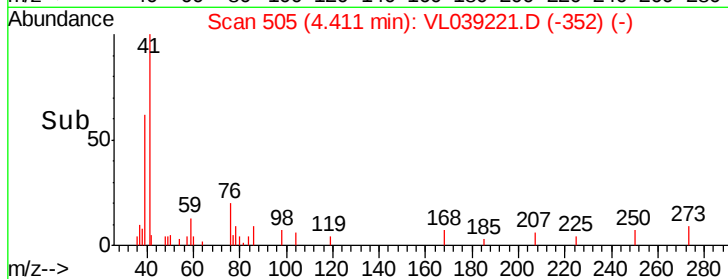
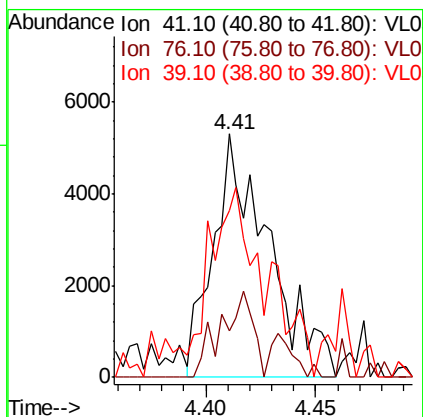
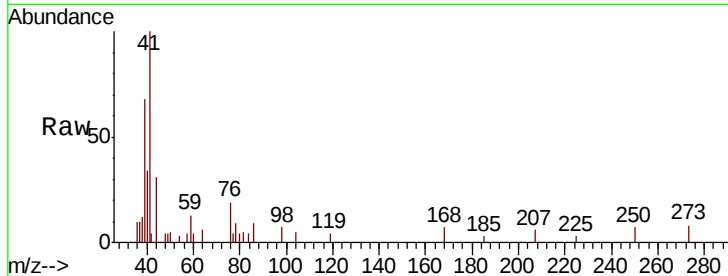


#21
Allvl Chloride
Concen: 0.198 ppbv m
RT: 4.41
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 22:55

Tot Ion:
Ion Ratio
41 100
76 27.
39 101.

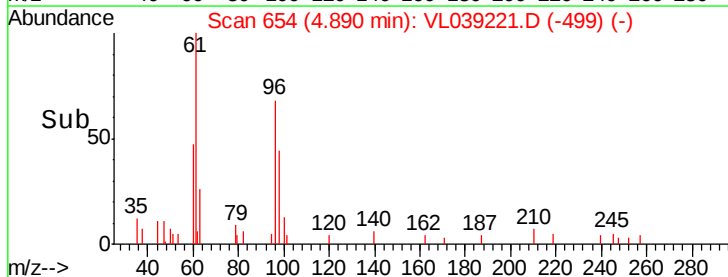
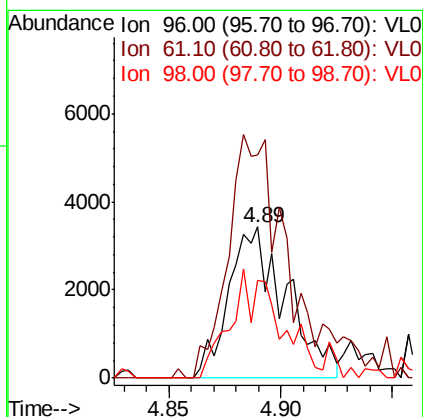
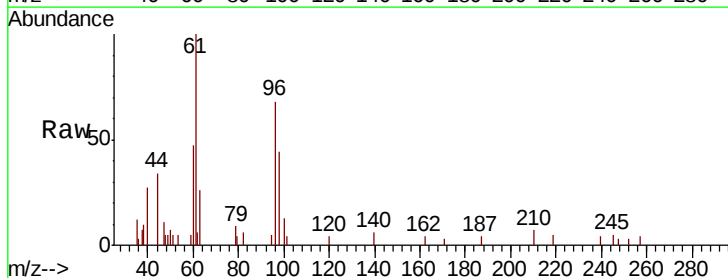
Manual Integrations
APPROVED

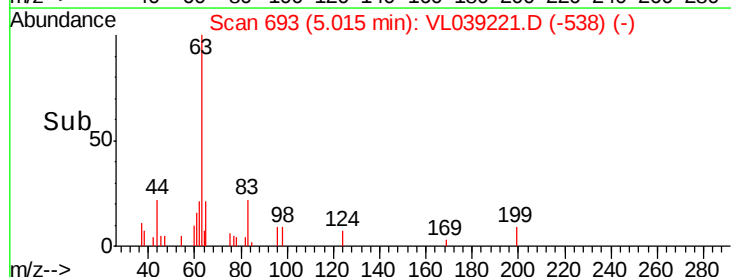
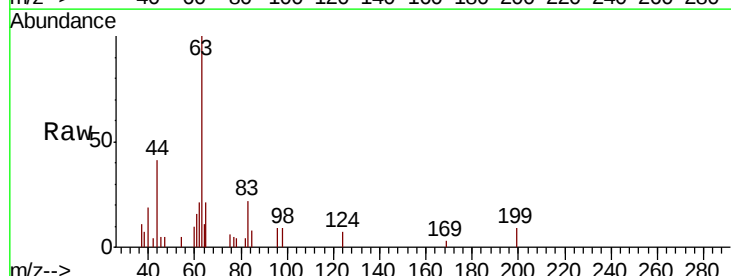
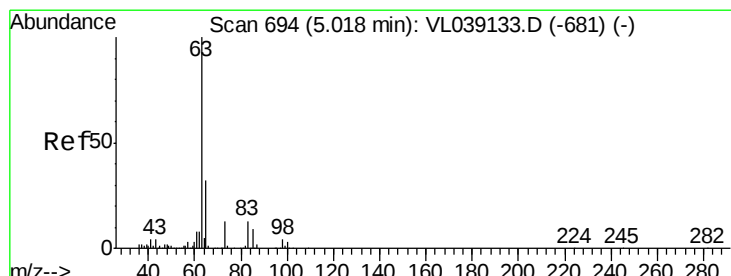
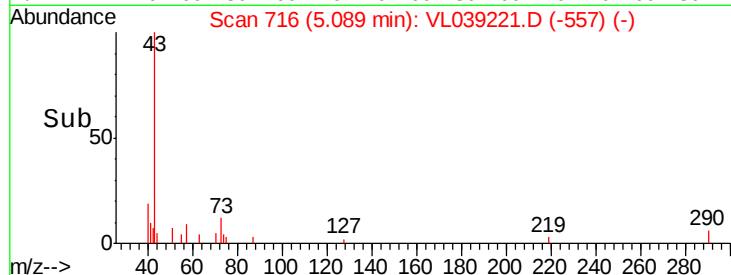
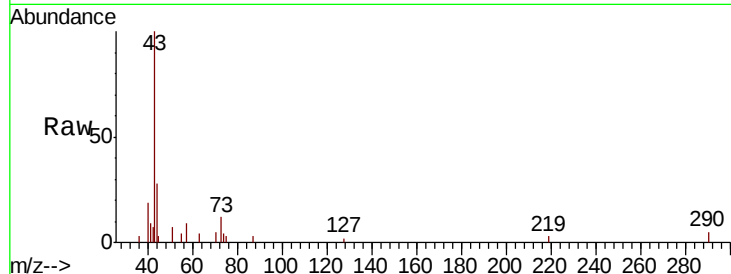
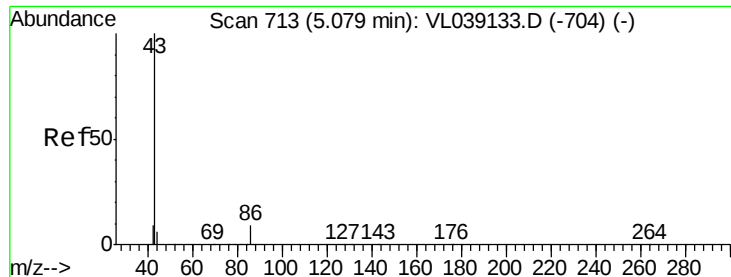
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#22
trans-1,2-Dichloroethene
Concen: 0.200 ppbv m
RT: 4.89 min Scan# 654
Delta R.T. -0.00 min
Lab File: VL039221.D
Acq: 7 Jun 2022 22:55

Tgt Ion: 96 Resp: 6135
Ion Ratio Lower Upper
96 100
61 147.6 126.6 190.0
98 64.6 52.5 78.7





#23

Vinyl Acetate

Concen: 0.222 ppbv m

RT: 5.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

43 100

86 3.

42 7.

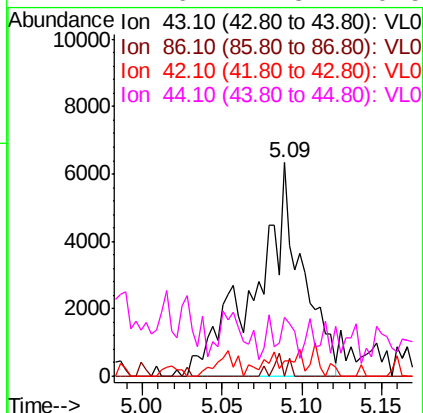
44 27.6 4.3 6.5#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#24

1,1-Dichloroethane

Concen: 0.157 ppbv m

RT: 5.02 min Scan# 693

Delta R.T. -0.00 min

Lab File: VL039221.D

Acq: 7 Jun 2022 22:55

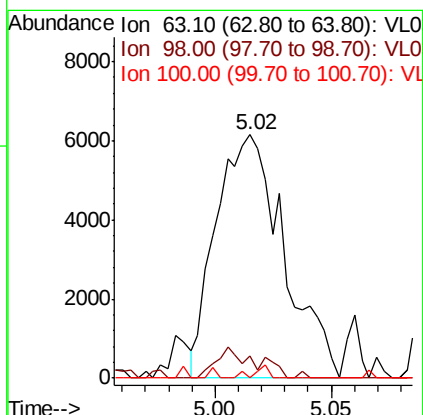
Tgt Ion: 63 Resp: 12496

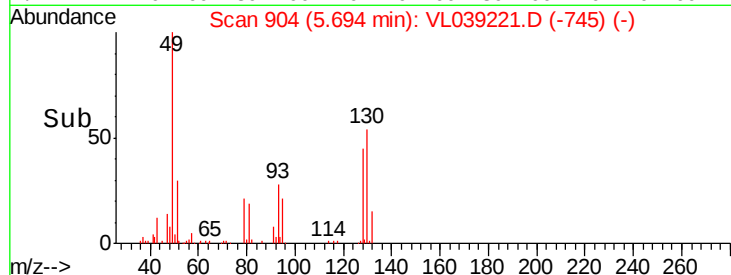
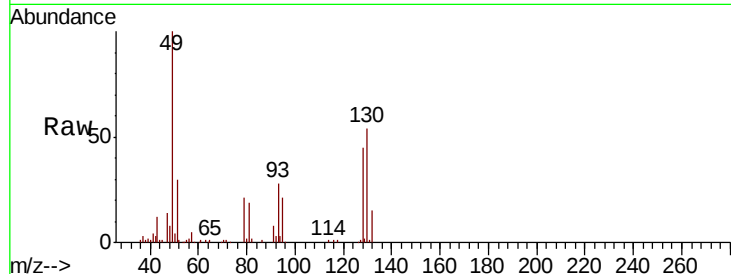
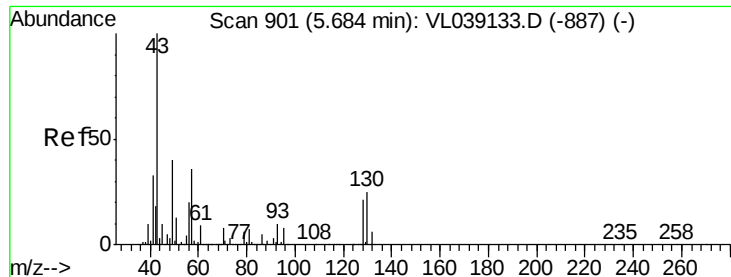
Ion Ratio Lower Upper

63 100

98 9.0 2.1 6.2#

100 0.0 1.5 4.5#



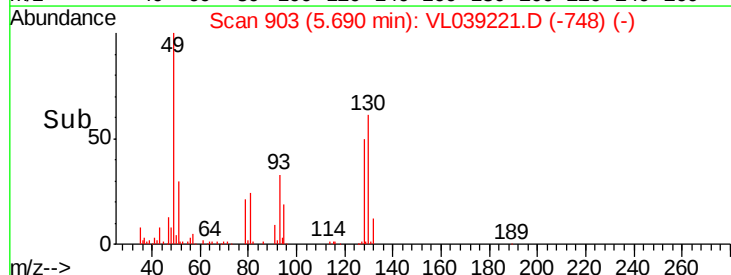
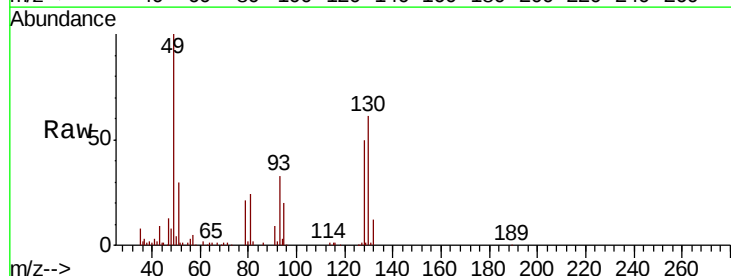
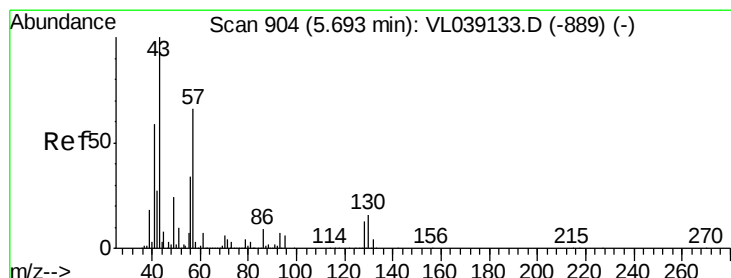
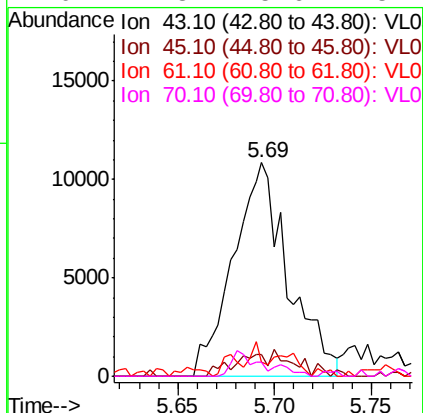


#25
Ethyl Acetate
Concen: 0.135 ppbv m
RT: 5.69
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 22:55

Tot Ion:
Ion Ratio
43 100
45 12.
61 13.
70 7.8 5.6 8.4

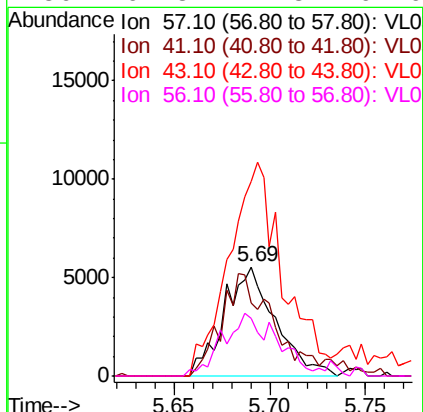
Manual Integrations
APPROVED

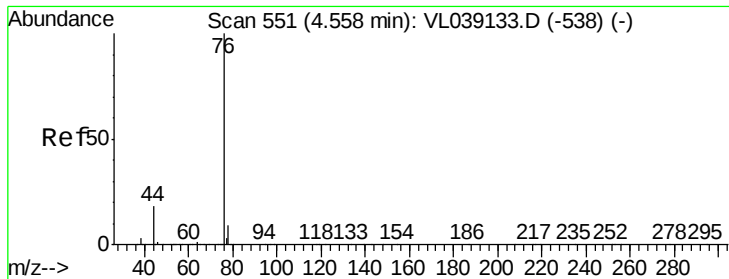
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#26
Hexane
Concen: 0.148 ppbv m
RT: 5.69 min Scan# 903
Delta R.T.: -0.00 min
Lab File: VL039221.D
Acq: 7 Jun 2022 22:55

Tgt Ion: 57 Resp: 10326
Ion Ratio Lower Upper
57 100
41 102.7 72.4 108.6
43 231.5 187.0 280.6
56 64.8 41.8 62.6#



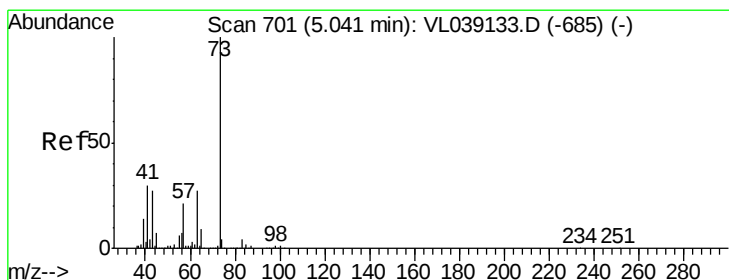
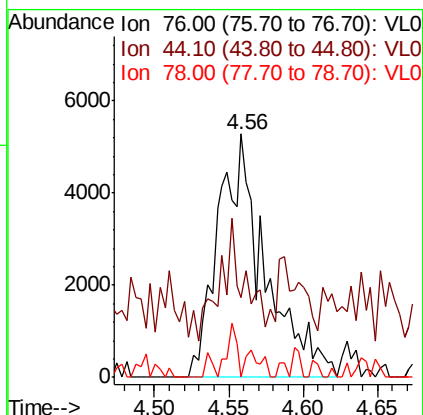
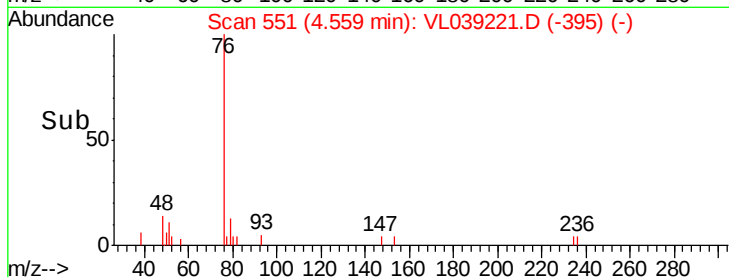
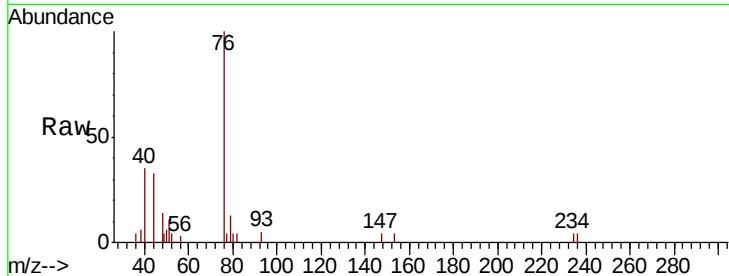


#27
Carbon Disulfide
Concen: 0.159 ppbv m
RT: 4.56 Instrument : MSVOA_1
Delta R.T. ClientSampleId :
Lab File: LOQ-AIR-02-OT2-2022
Acq: 7 Jun 2022 22:55

Tot Ion:
Ion Ratio
76 100
44 19.
78 13.

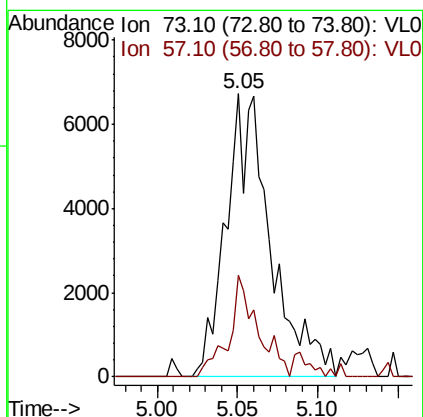
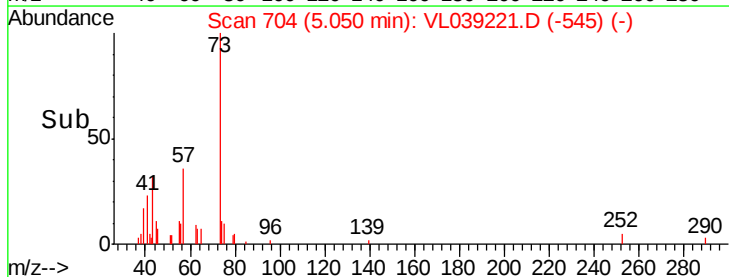
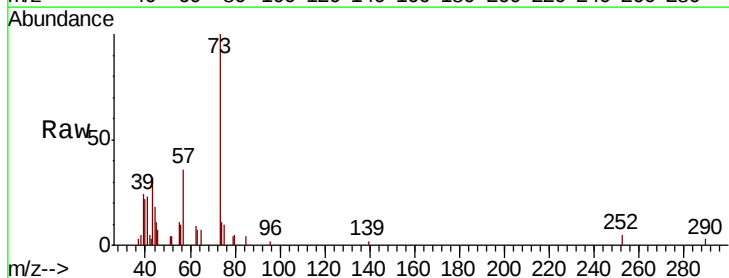
Manual Integrations
APPROVED

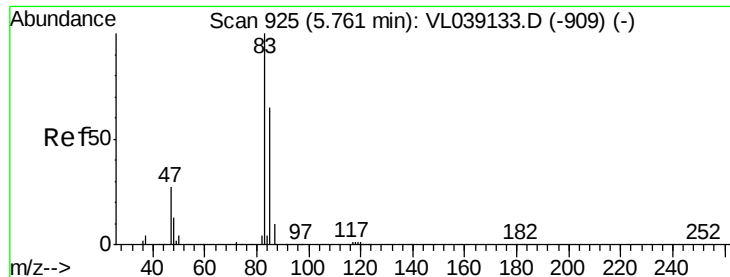
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#28
Methyl tert-Butyl Ether
Concen: 0.171 ppbv m
RT: 5.05 min Scan# 704
Delta R.T. 0.01 min
Lab File: VL039221.D
Acq: 7 Jun 2022 22:55

Tgt Ion: 73 Resp: 13134
Ion Ratio Lower Upper
73 100
57 26.9 18.6 27.8



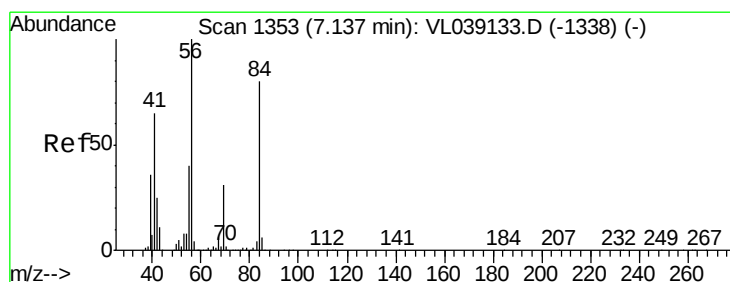
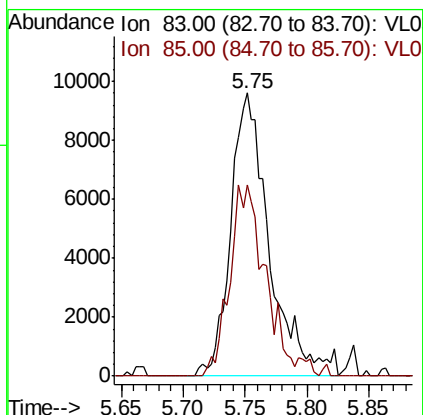
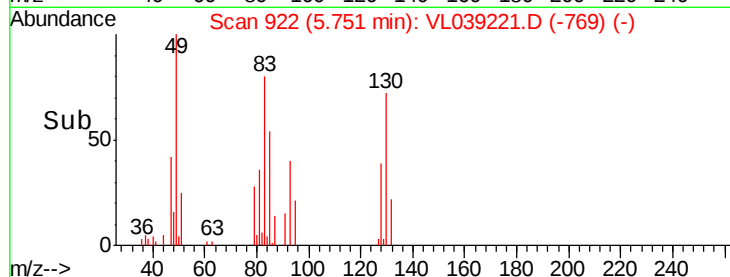
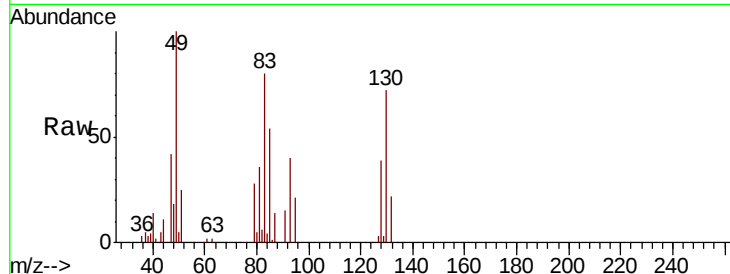


#29
Chloroform
Concen: 0.178 ppbv m
RT: 5.75
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 22:55

Tot Ion:
Ion Ratio
83 100
85 67.

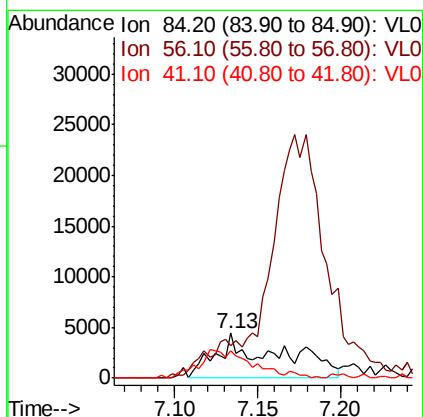
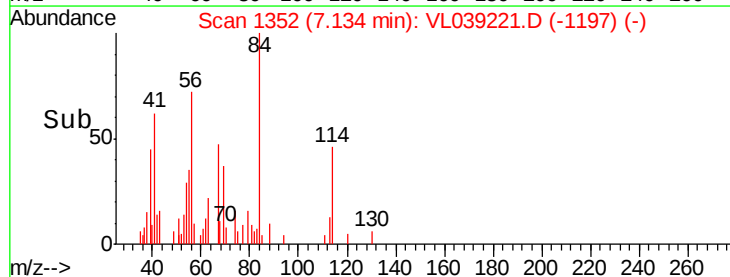
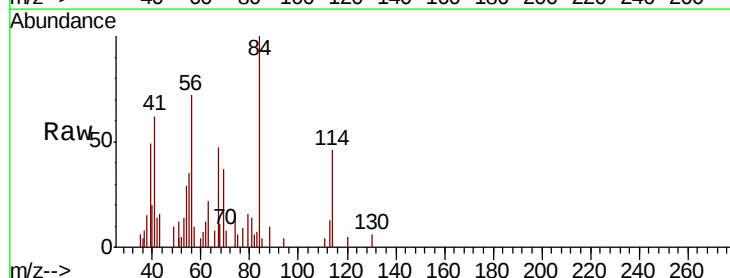
Manual Integrations
APPROVED

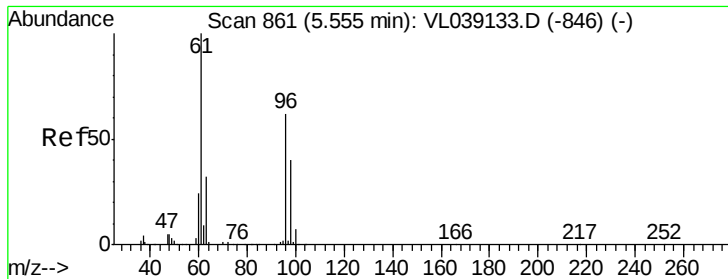
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#30
Cyclohexane
Concen: 0.199 ppbv m
RT: 7.13 min Scan# 1352
Delta R.T. -0.00 min
Lab File: VL039221.D
Acq: 7 Jun 2022 22:55

Tgt Ion: 84 Resp: 11652
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 0.0 68.9 103.3#





#31

cis-1,2-Dichloroethene

Concen: 0.156 ppbv m

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

61 100

96 37.

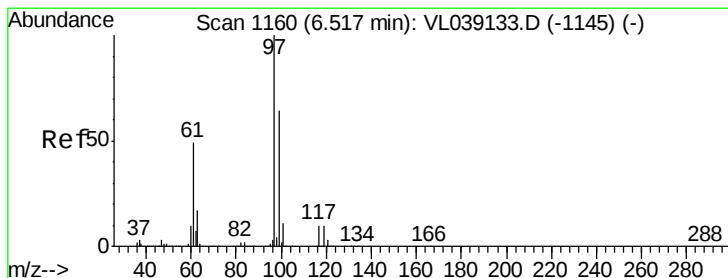
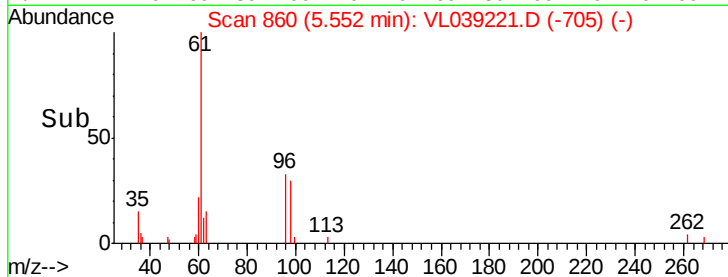
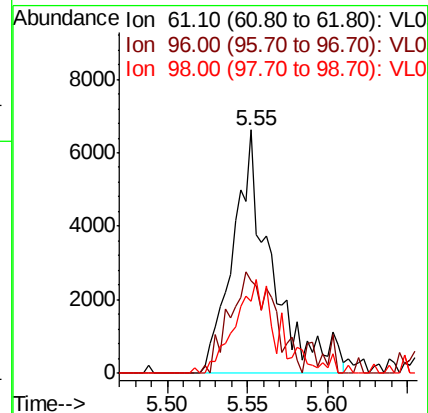
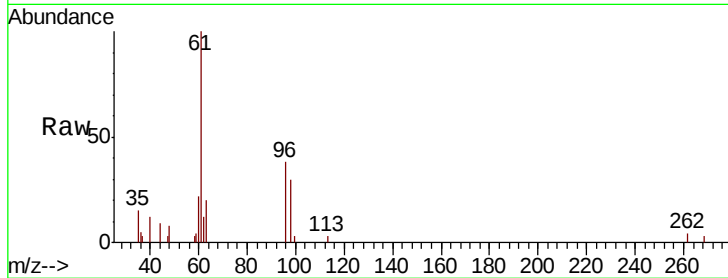
98 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#32

1,1,1-Trichloroethane

Concen: 0.149 ppbv m

RT: 6.51 min Scan# 1159

Delta R.T. -0.00 min

Lab File: VL039221.D

Acq: 7 Jun 2022 22:55

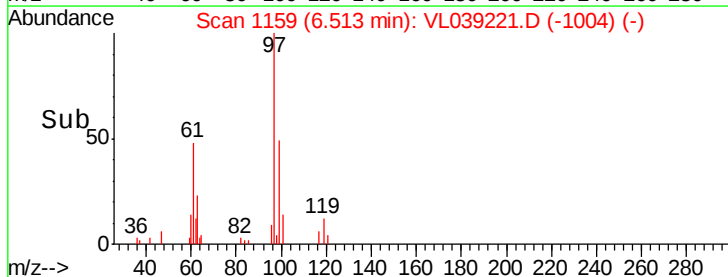
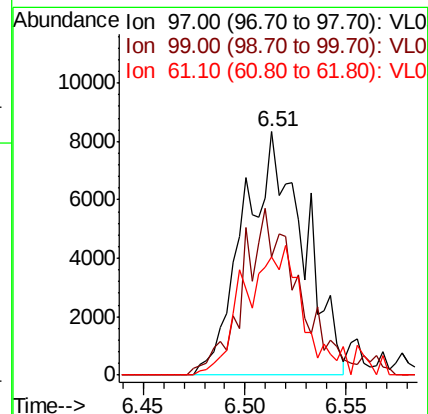
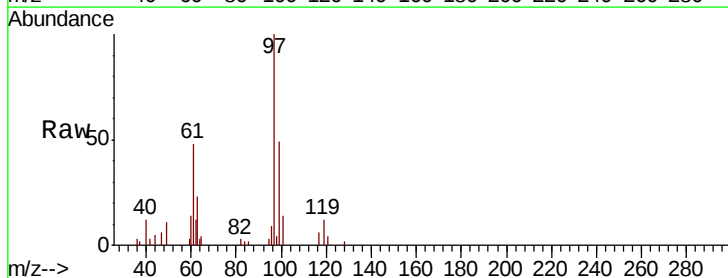
Tgt Ion: 97 Resp: 17111

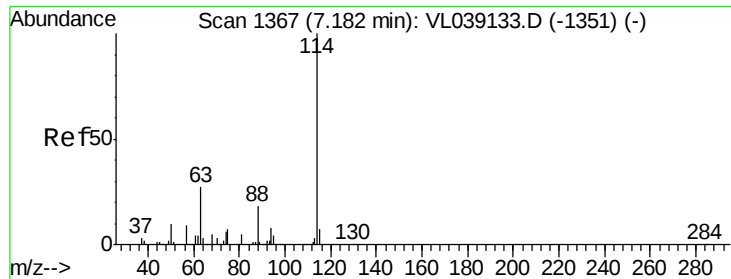
Ion Ratio Lower Upper

97 100

99 65.9 52.1 78.1

61 0.0 40.0 60.0#



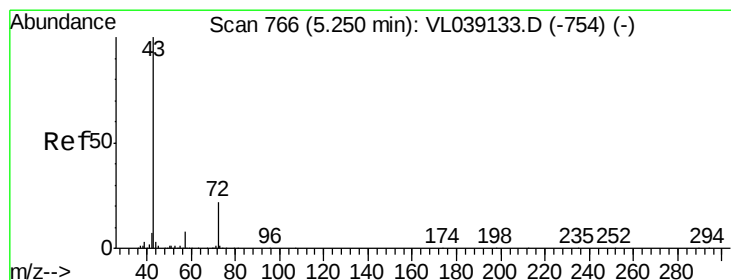
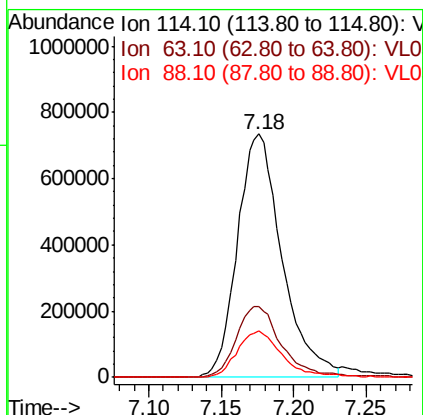
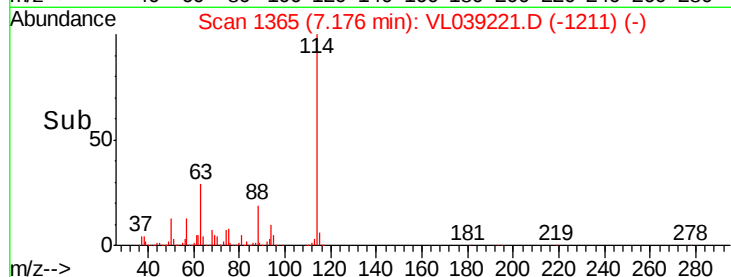
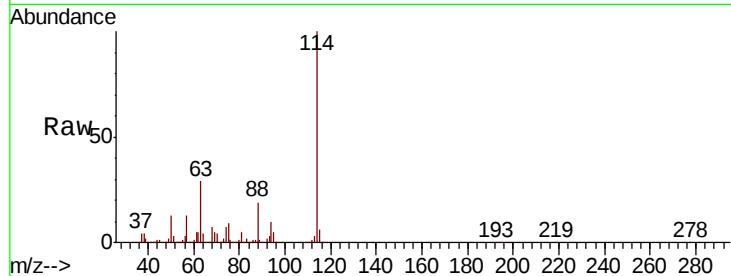


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 22:55

Tot Ion: 1
 Ion Ratio
 114 100
 63 30.
 88 19.

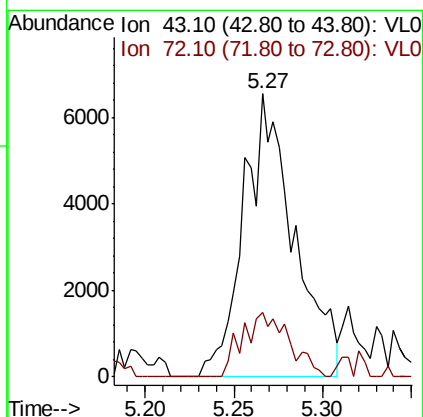
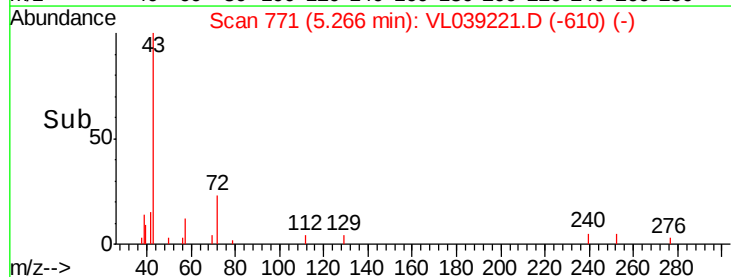
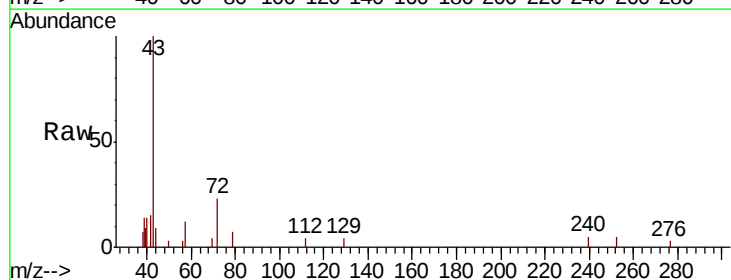
Manual Integrations
 APPROVED

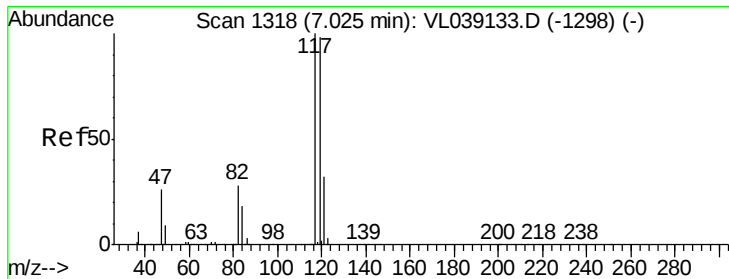
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#34
 2-Butanone
 Concen: 0.153 ppbv m
 RT: 5.27 min Scan# 771
 Delta R.T. 0.02 min
 Lab File: VL039221.D
 Acq: 7 Jun 2022 22:55

Tgt Ion: 43 Resp: 12989
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.2 27.2#





#35

Carbon Tetrachloride

Concen: 0.154 ppbv m

RT: 7.02 Instrument:

Delta R.T. MSVOA_L

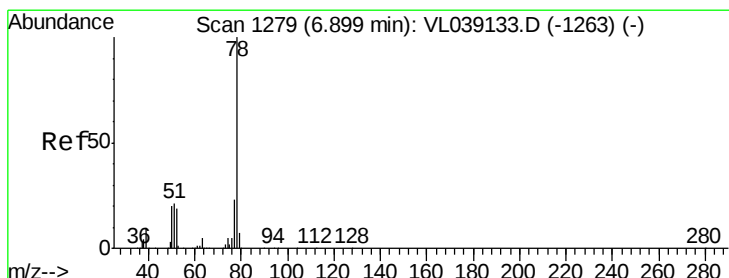
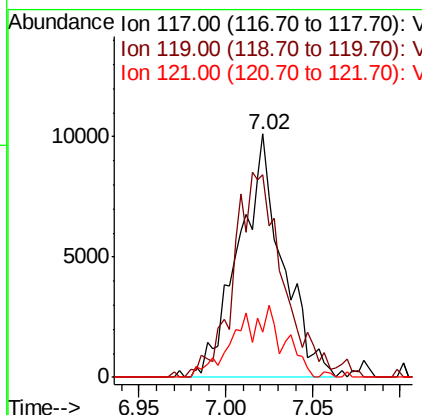
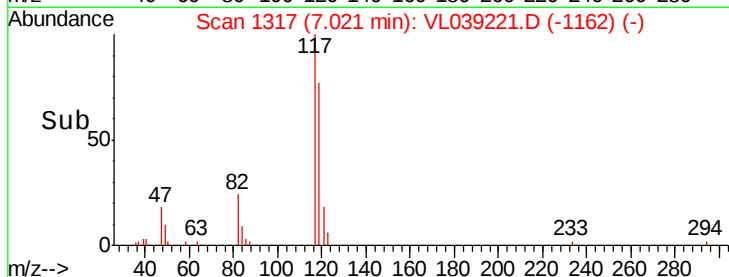
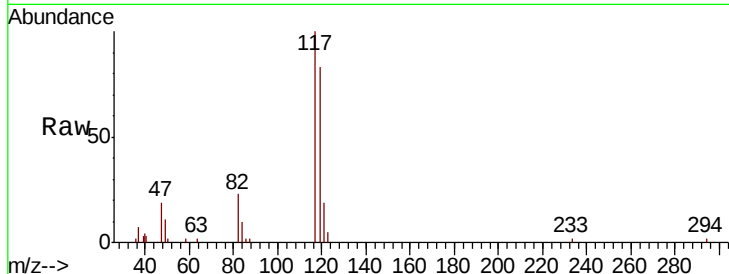
Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55 LOQ-AIR-02-OT2-2022

Tot Ion:1
Ion Rati
117 100
119 83.
121 18.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#36

Benzene

Concen: 0.135 ppbv m

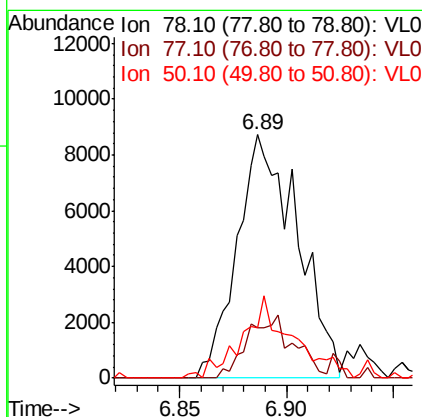
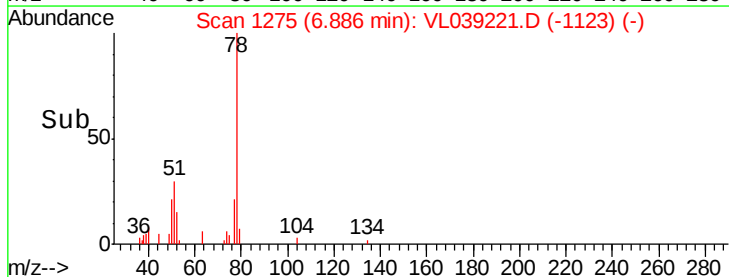
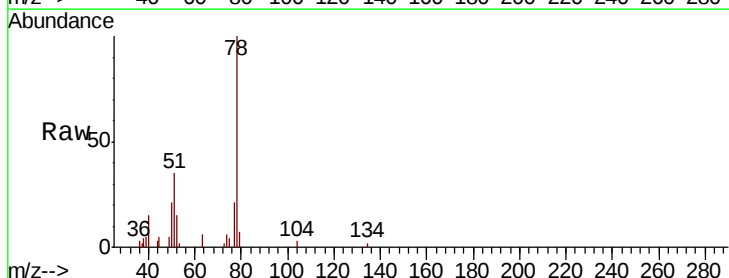
RT: 6.89 min Scan# 1275

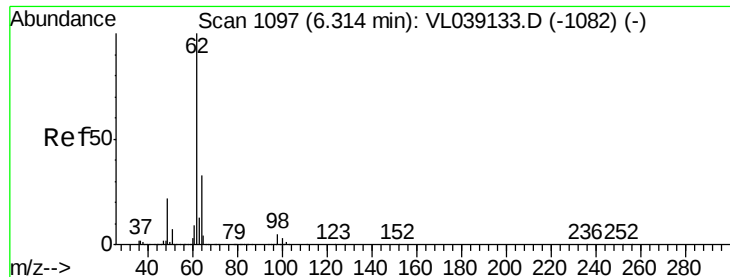
Delta R.T. -0.01 min

Lab File: VL039221.D

Acq: 7 Jun 2022 22:55

Tgt Ion: 78 Resp: 17156
Ion Ratio Lower Upper
78 100
77 20.9 18.6 27.8
50 20.8 15.8 23.8



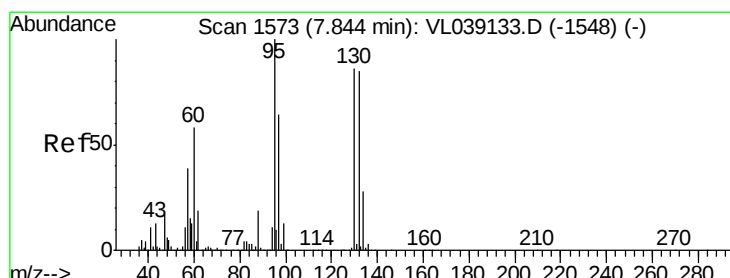
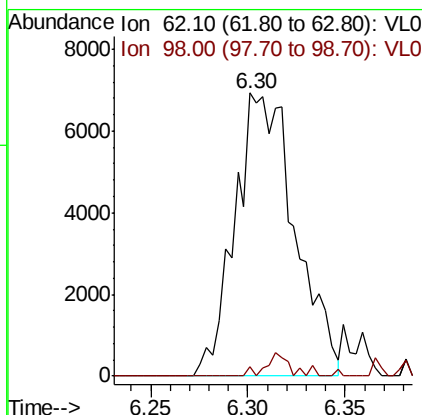
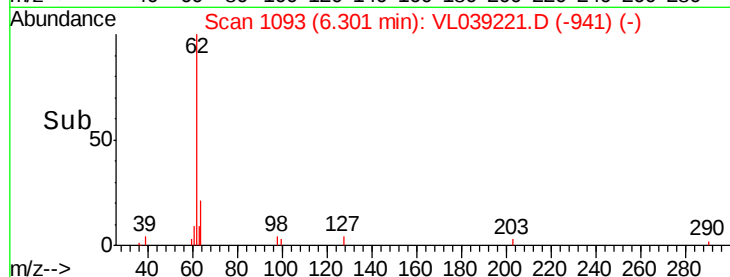
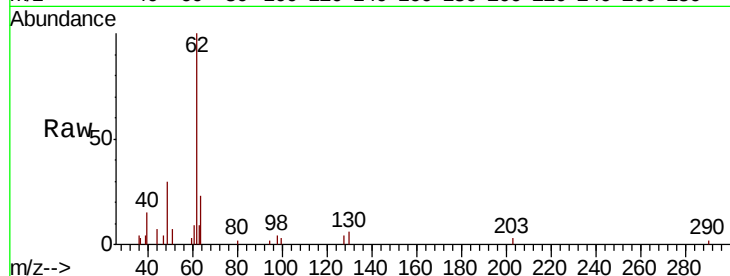


#37
 1,2-Dichloroethane
 Concen: 0.178 ppbv m
 RT: 6.30
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: LOQ-AIR-02-OT2-2022
 Acq: 7 Jun 2022 22:55

Tot Ion:
 Ion Ratio
 62 100
 98 3.

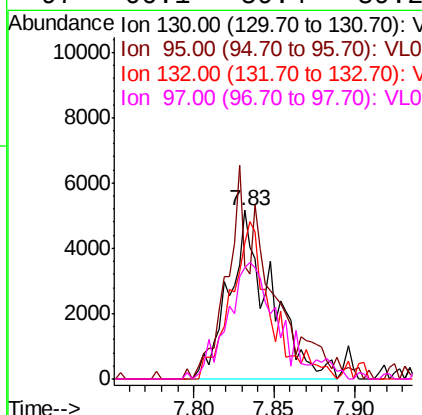
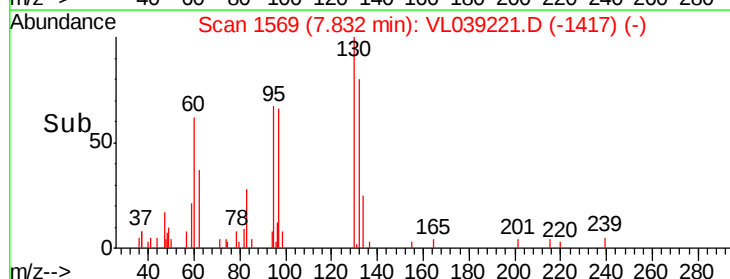
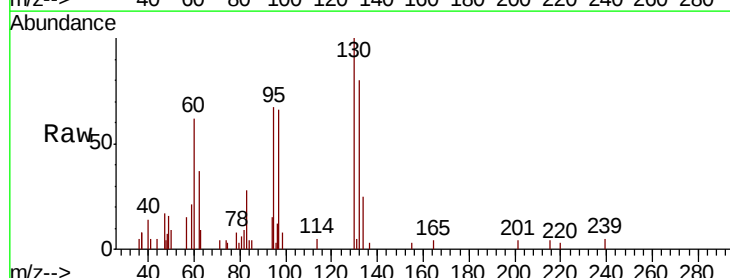
Manual Integrations
 APPROVED

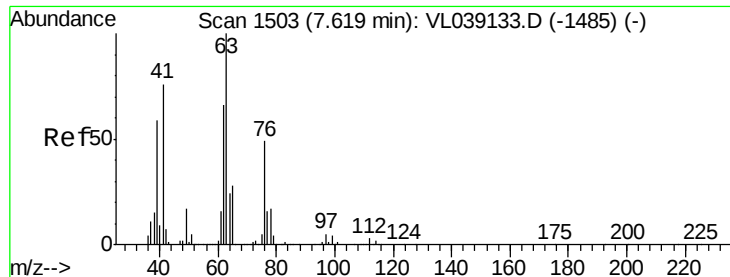
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#38
 Trichloroethene
 Concen: 0.163 ppbv m
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL039221.D
 Acq: 7 Jun 2022 22:55

Tgt Ion:130 Resp: 9511
 Ion Ratio Lower Upper
 130 100
 95 67.1 93.3 139.9#
 132 80.3 79.0 118.4
 97 66.1 59.4 89.2





#39

1,2-Dichloropropane

Concen: 0.163 ppbv m

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

63 100

41 55.

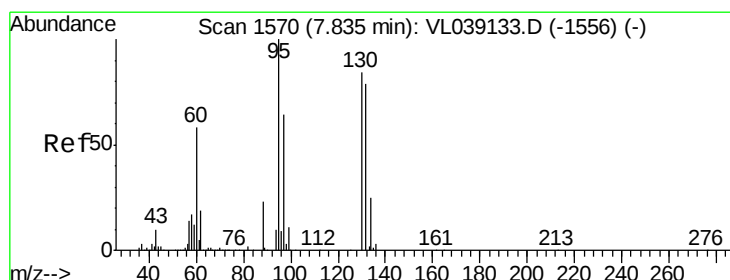
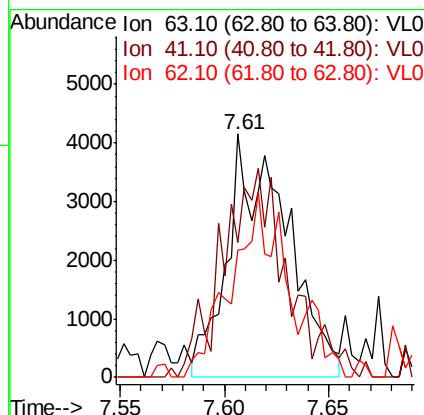
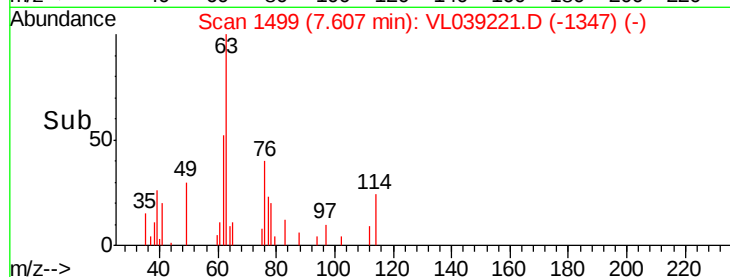
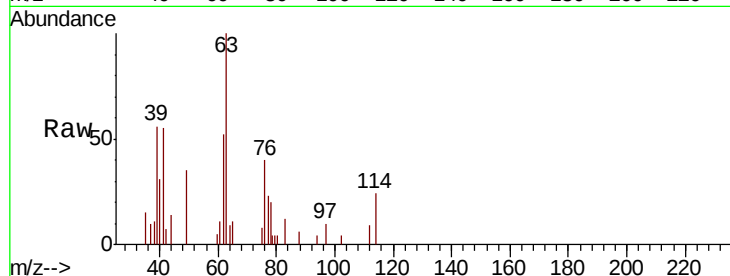
62 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#40

1,4-Dioxane

Concen: 0.171 ppbv m

RT: 7.92 min Scan# 1598

Delta R.T. 0.09 min

Lab File: VL039221.D

Acq: 7 Jun 2022 22:55

Tgt Ion: 88 Resp: 2849

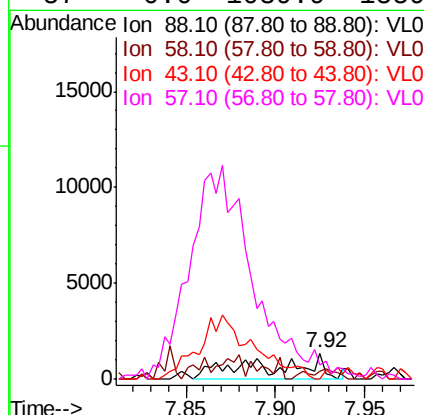
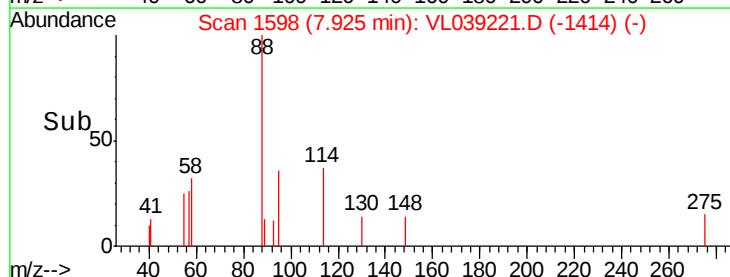
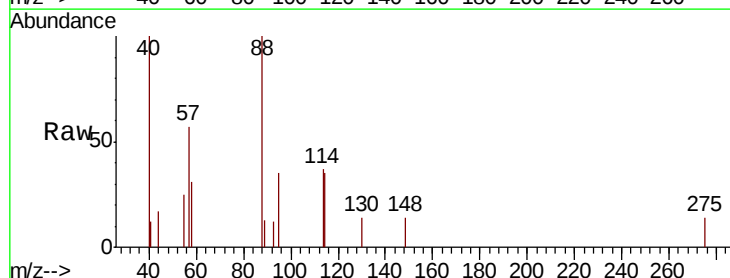
Ion Ratio Lower Upper

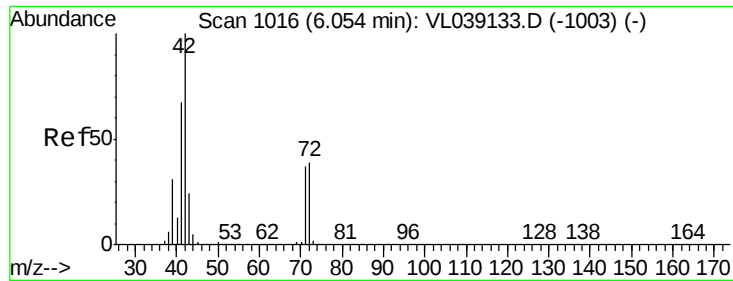
88 100

58 4.2 111.2 166.8#

43 0.0 234.2 351.4#

57 0.0 1039.9 1559.9#



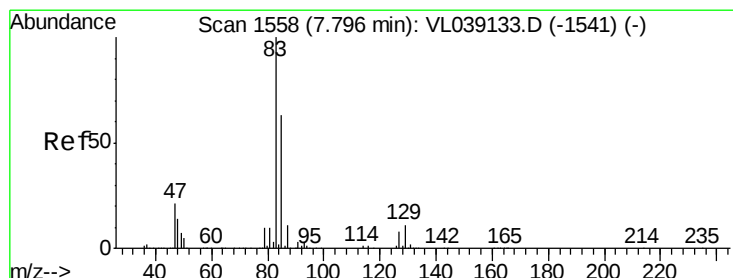
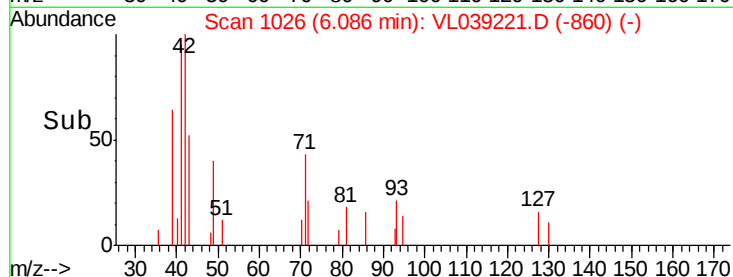
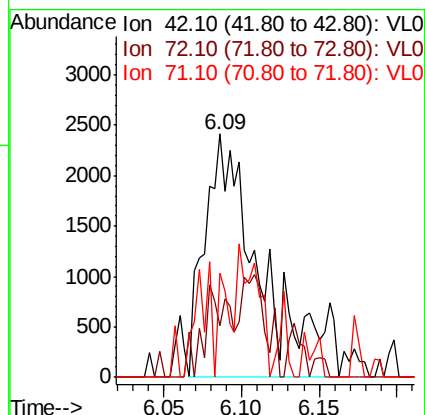
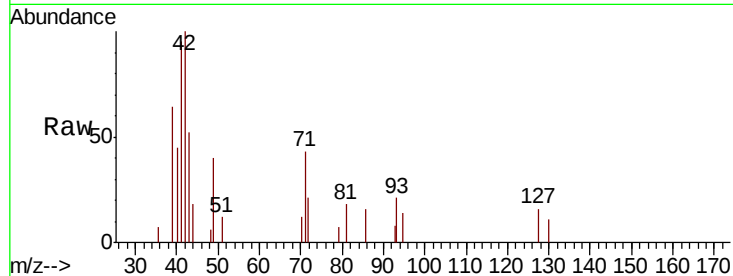


#41
Tetrahydrofuran
Concen: 0.118 ppbv m
RT: 6.09
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 22:55

Tot Ion:
Ion Ratio
42 100
72 1.
71 0.

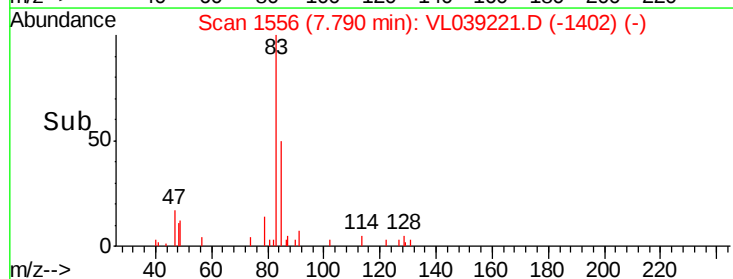
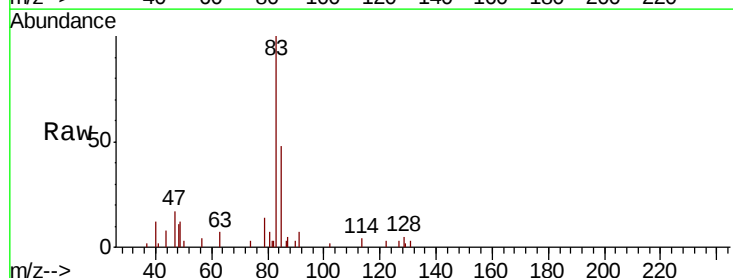
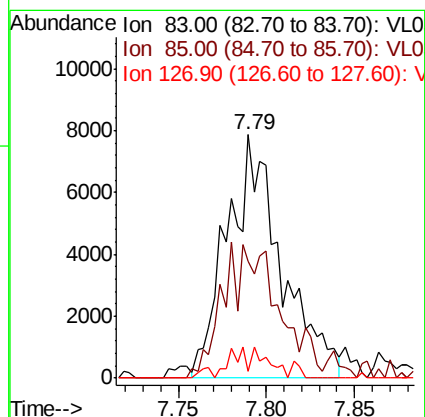
Manual Integrations
APPROVED

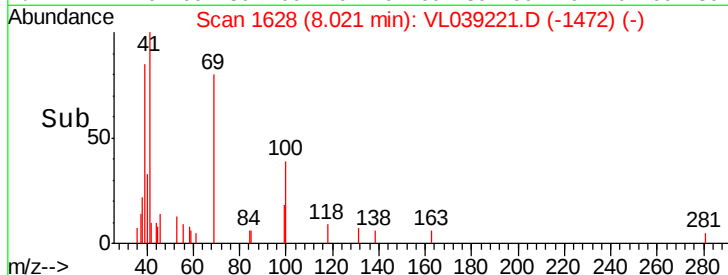
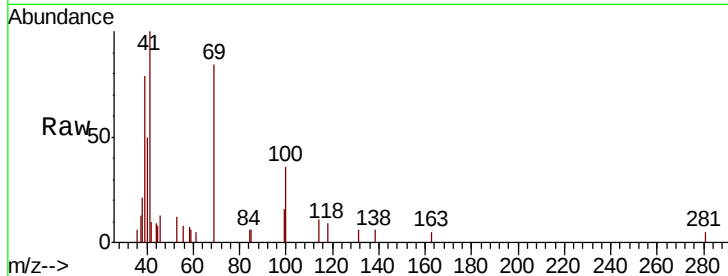
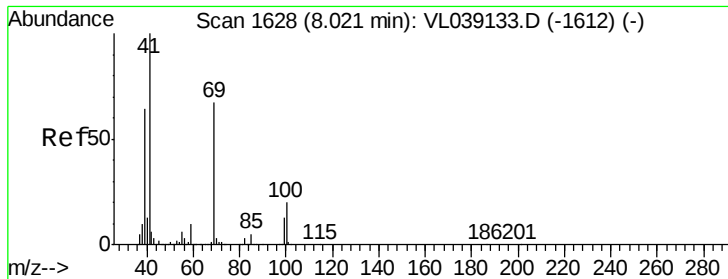
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#42
Bromodichloromethane
Concen: 0.144 ppbv m
RT: 7.79 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VL039221.D
Acq: 7 Jun 2022 22:55

Tgt Ion: 83 Resp: 16775
Ion Ratio Lower Upper
83 100
85 47.9 50.2 75.4#
127 2.6 6.6 9.8#





#43

Methyl Methacrylate

Concen: 0.116 ppbv m

RT: 8.02 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LOQ-AIR-02-OT2-2022

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

69 100

41 159.

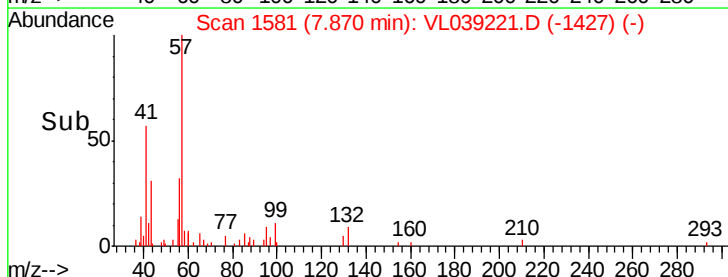
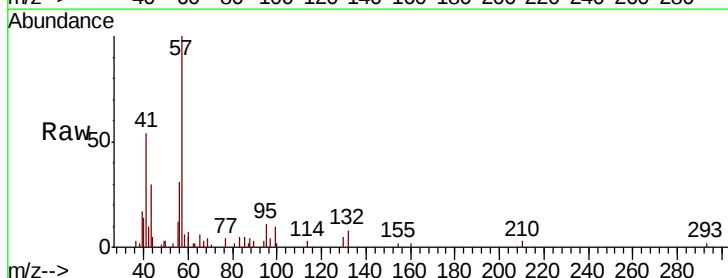
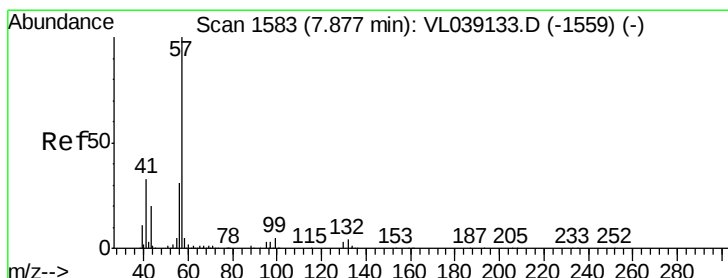
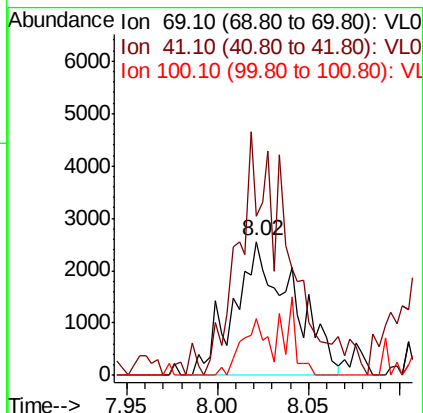
100 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#44

2,2,4-Trimethylpentane

Concen: 0.123 ppbv m

RT: 7.87 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VL039221.D

Acq: 7 Jun 2022 22:55

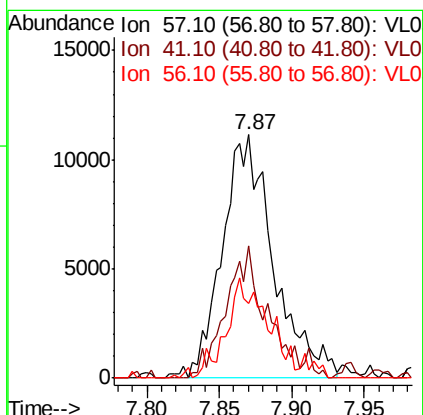
Tgt Ion: 57 Resp: 27300

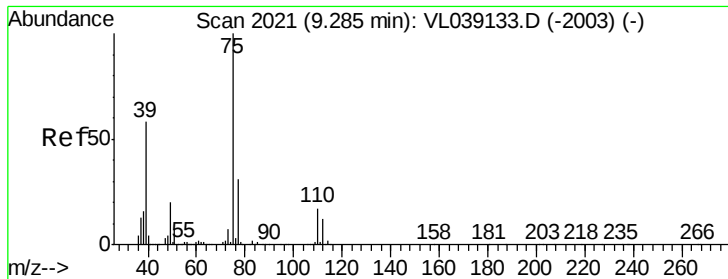
Ion Ratio Lower Upper

57 100

41 44.8 26.2 39.4#

56 0.0 24.7 37.1#





#45

t-1,3-Dichloropropene

Concen: 0.076 ppbv m

RT: 9.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55 LOQ-AIR-02-OT2-2022

Tot Ion:

Ion Ratio

75 100

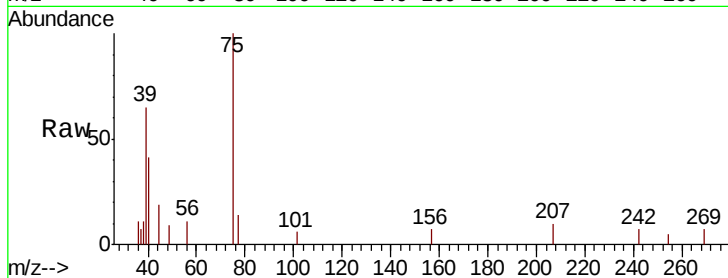
77 14.

Manual Integrations

APPROVED

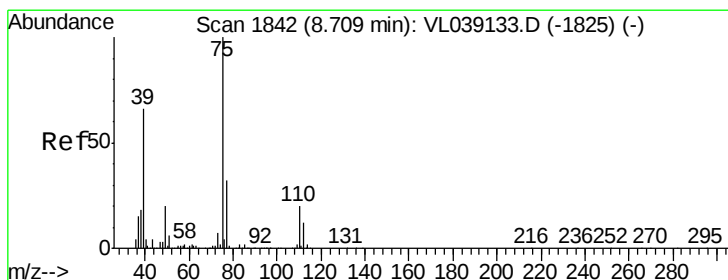
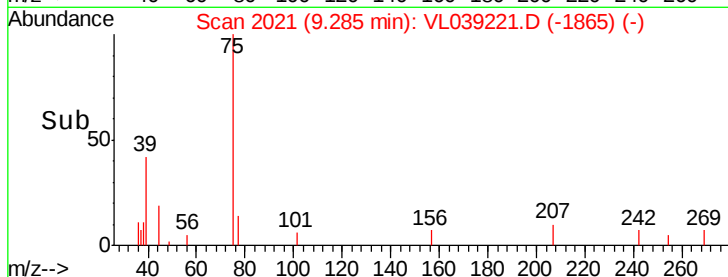
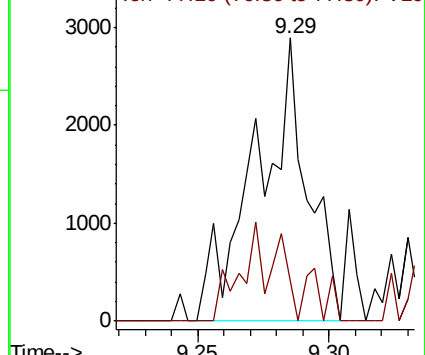
Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 0.091 ppbv m

RT: 8.71 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VL039221.D

Acq: 7 Jun 2022 22:55

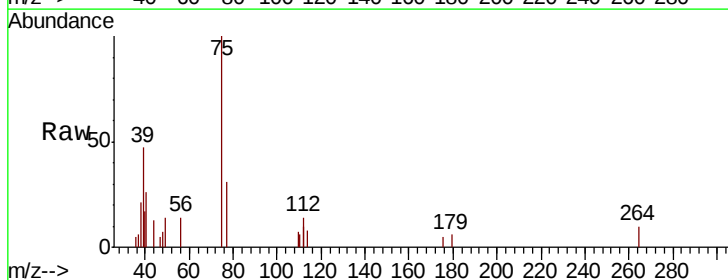
Tgt Ion: 75 Resp: 6174

Ion Ratio Lower Upper

75 100

39 47.2 52.4 78.6#

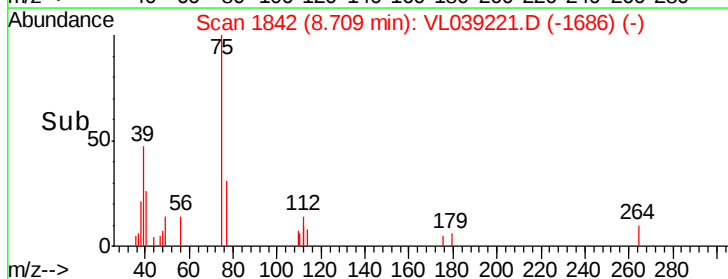
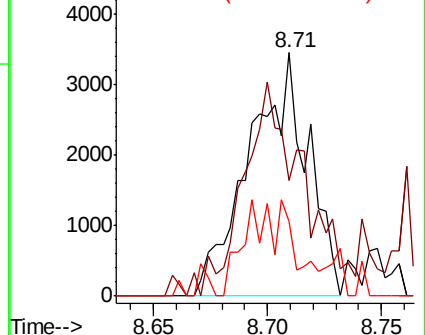
77 30.6 25.5 38.3

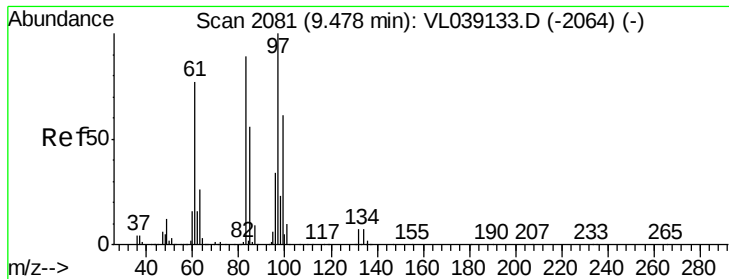


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0



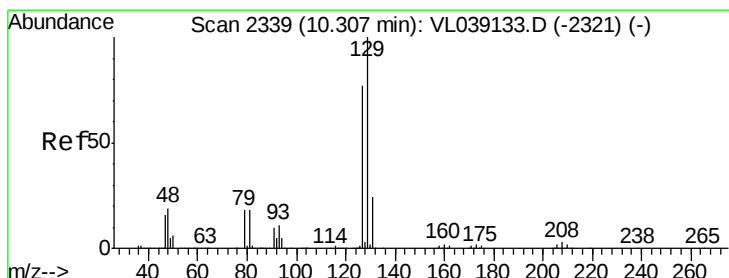
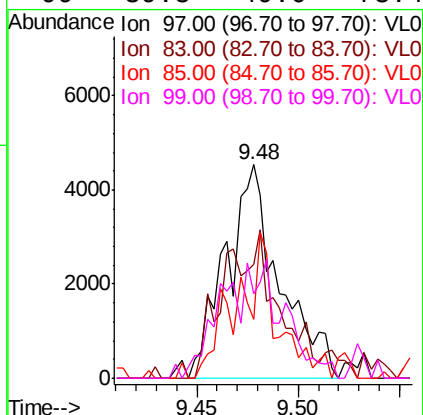
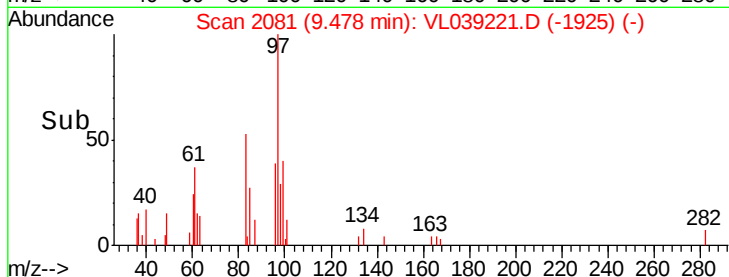
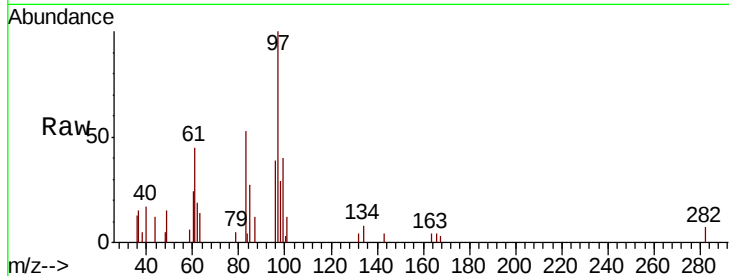


#47
 1,1,2-Trichloroethane
 Concen: 0.158 ppbv m
 RT: 9.48
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 22:55

Tot Ion:
 Ion Ratio
 97 100
 83 53.
 85 27.
 99 39.8 49.0 73.4#

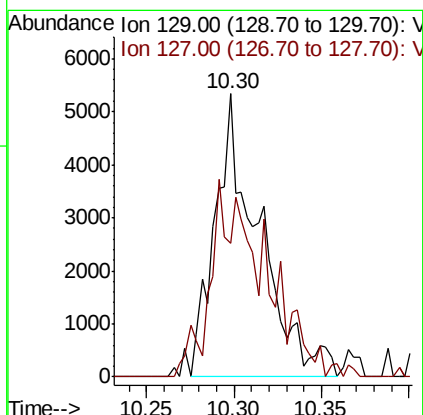
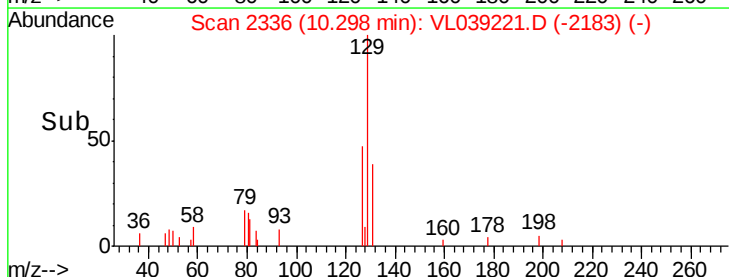
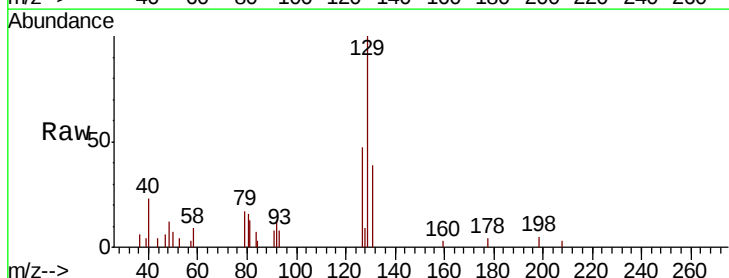
Manual Integrations
 APPROVED

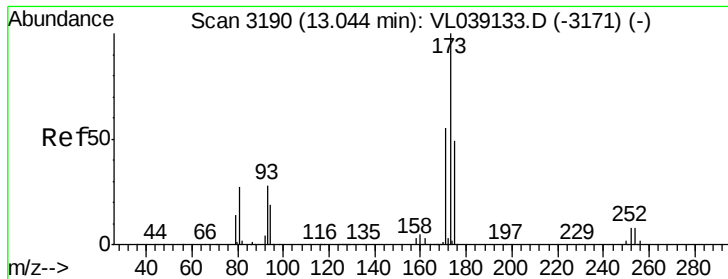
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#48
 Dibromochloromethane
 Concen: 0.099 ppbv m
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: VL039221.D
 Acq: 7 Jun 2022 22:55

Tgt Ion:129 Resp: 9321
 Ion Ratio Lower Upper
 129 100
 127 86.6 40.0 119.9





#49

Bromoform

Concen: 0.089 ppbv m

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:55

Tot Ion:1

Ion Rati

173 100

175 52.

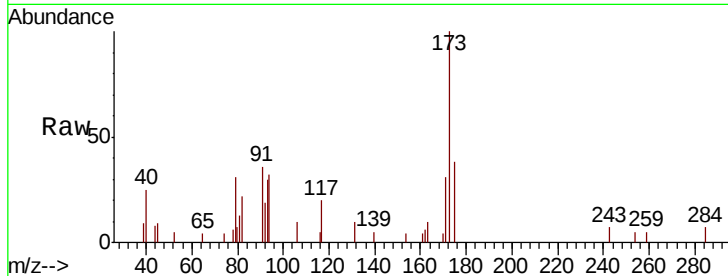
171 46.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

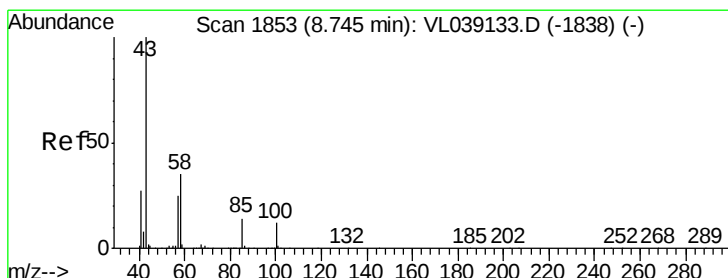
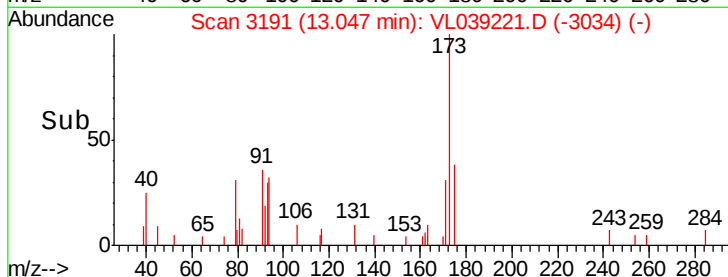
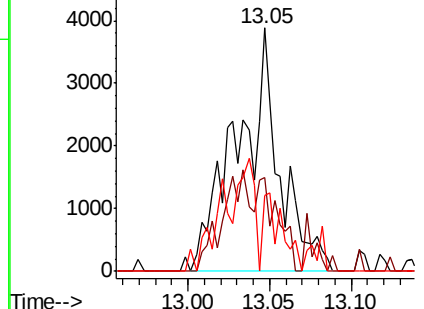
Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 0.100 ppbv m

RT: 8.78 min Scan# 1865

Delta R.T. 0.04 min

Lab File: VL039221.D

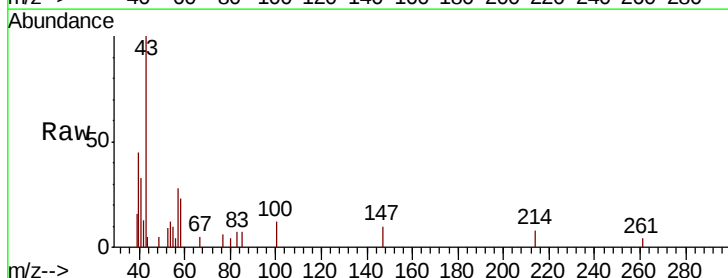
Acq: 7 Jun 2022 22:55

Tgt Ion: 43 Resp: 12800

Ion Ratio Lower Upper

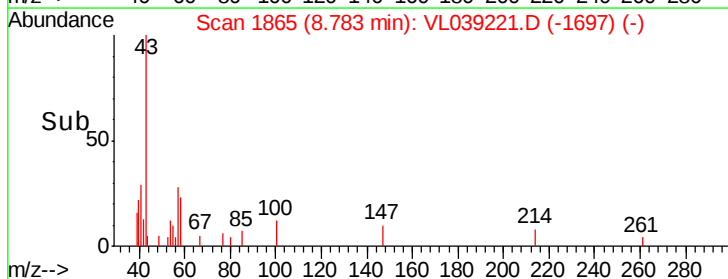
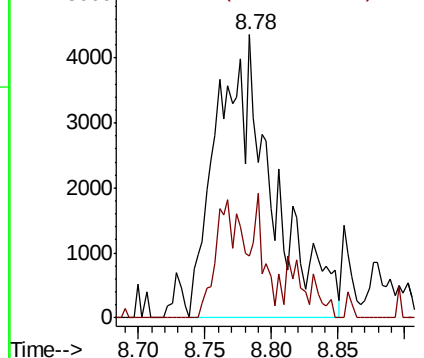
43 100

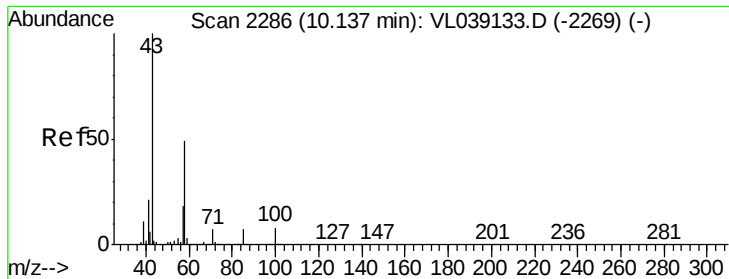
58 0.0 28.7 43.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



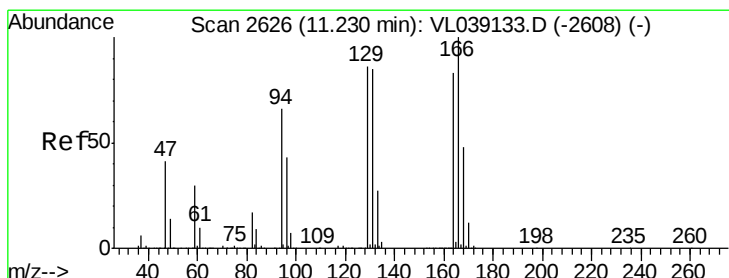
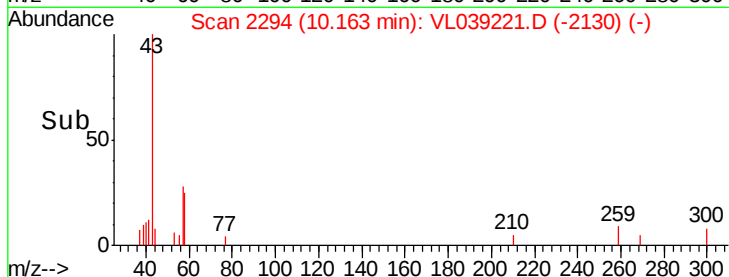
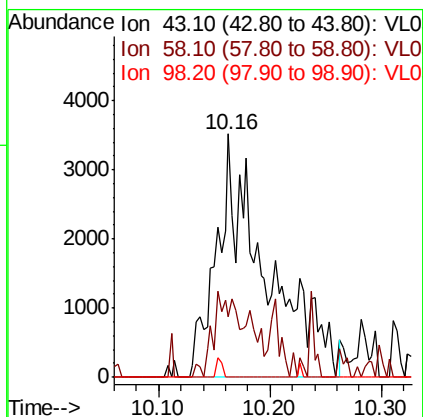
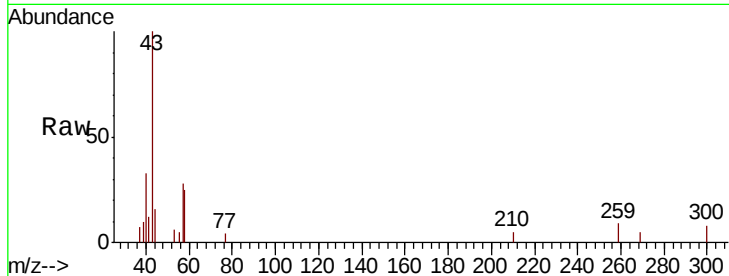


#51
2-Hexanone
Concen: 0.109 ppbv m
RT: 10.16
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 22:55

Tot Ion:
Ion Ratio
43 100
58 0.
98 0.

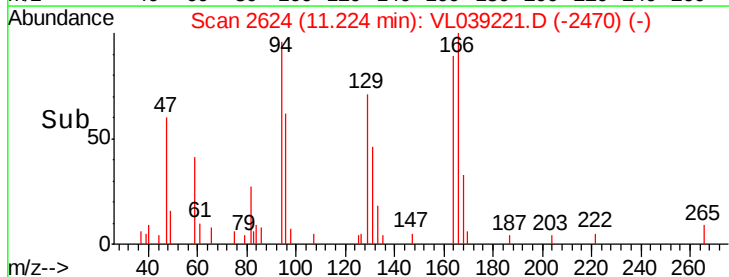
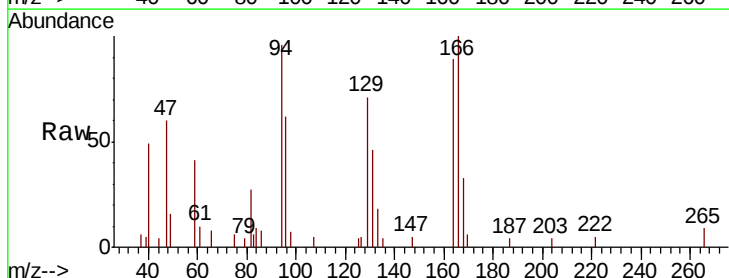
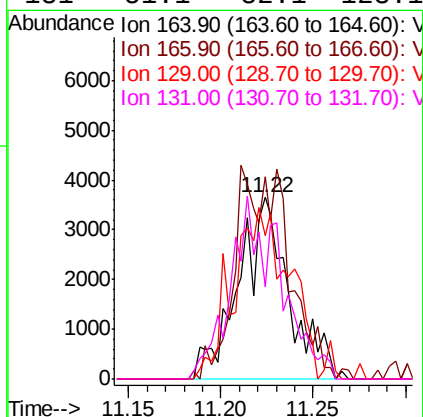
Manual Integrations
APPROVED

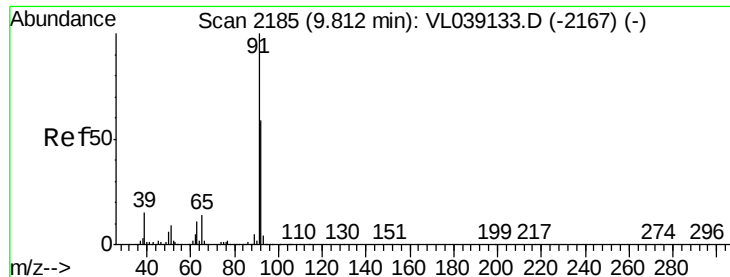
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#52
Tetrachloroethene
Concen: 0.139 ppbv m
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL039221.D
Acq: 7 Jun 2022 22:55

Tgt Ion:164 Resp: 6902
Ion Ratio Lower Upper
164 100
166 111.9 96.3 144.5
129 79.3 82.5 123.7#
131 51.1 82.1 123.1#





#53

Toluene

Concen: 0.118 ppbv m

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

91 100

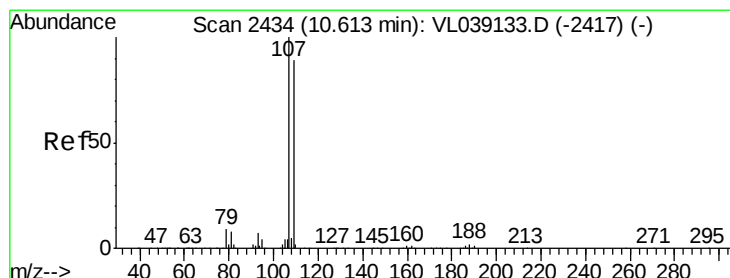
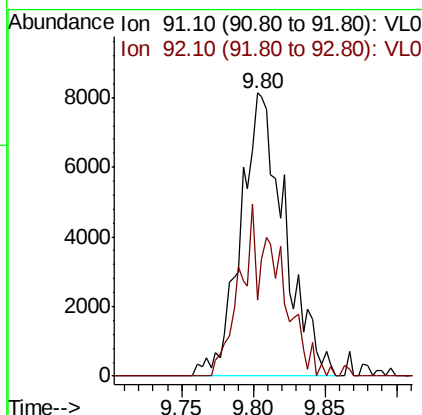
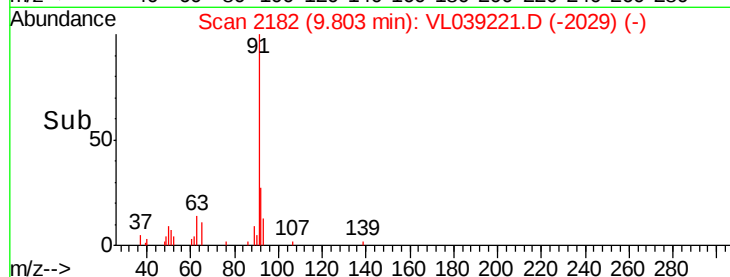
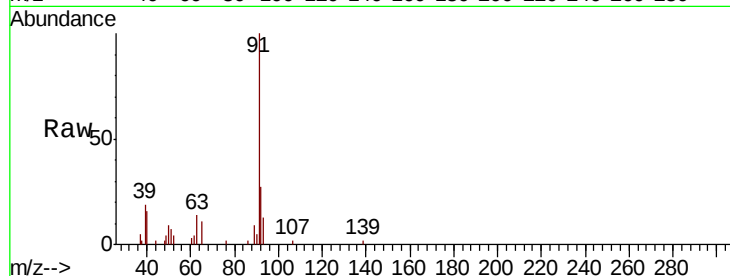
92 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#54

1,2-Dibromoethane

Concen: 0.129 ppbv m

RT: 10.62 min Scan# 2436

Delta R.T. 0.01 min

Lab File: VL039221.D

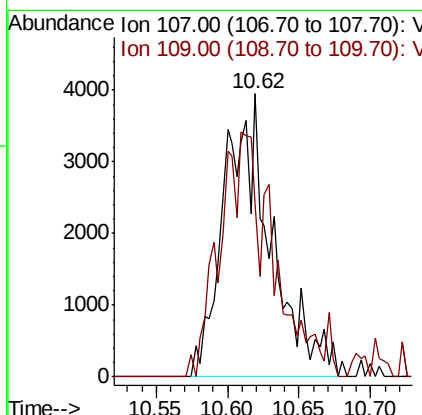
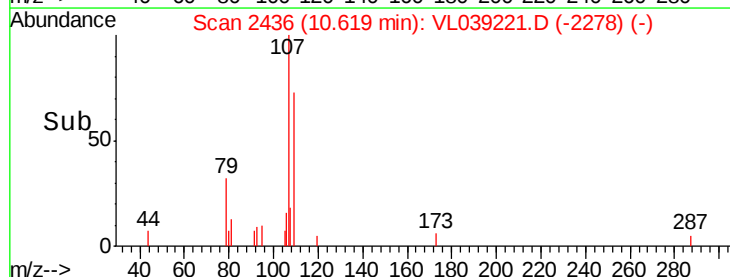
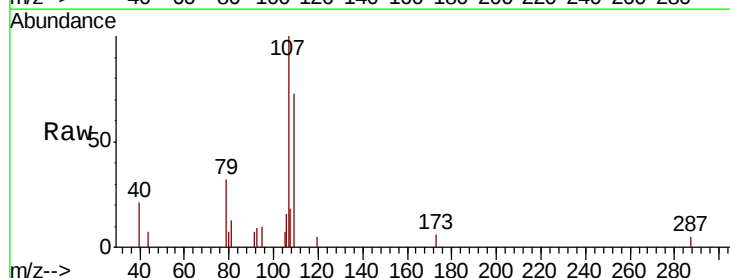
Acq: 7 Jun 2022 22:55

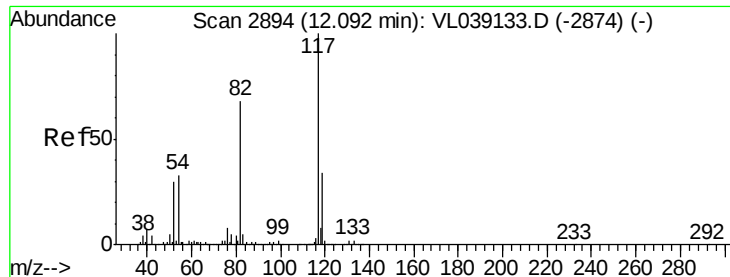
Tgt Ion:107 Resp: 9128

Ion Ratio Lower Upper

107 100

109 72.6 71.4 107.0



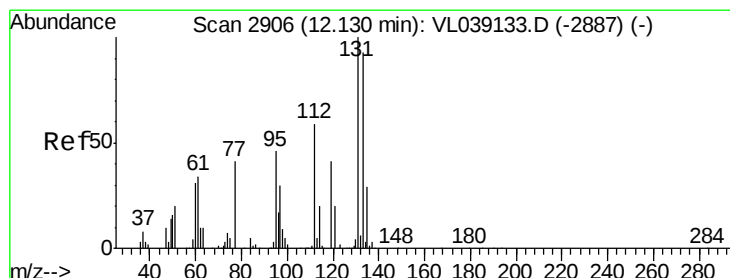
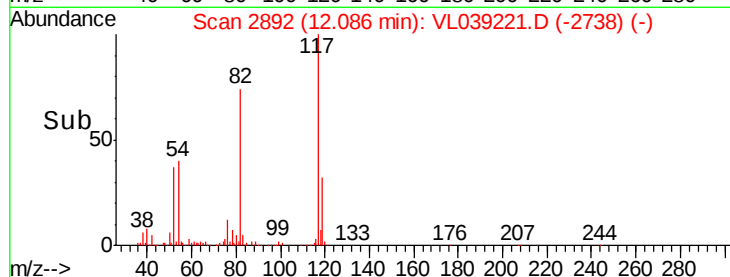
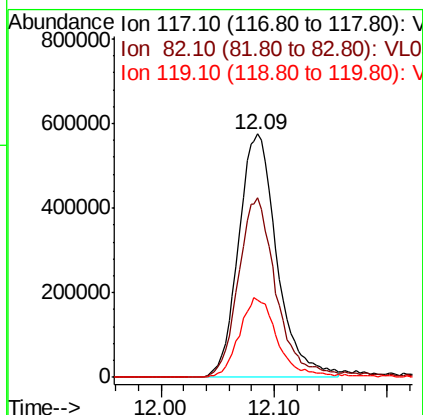
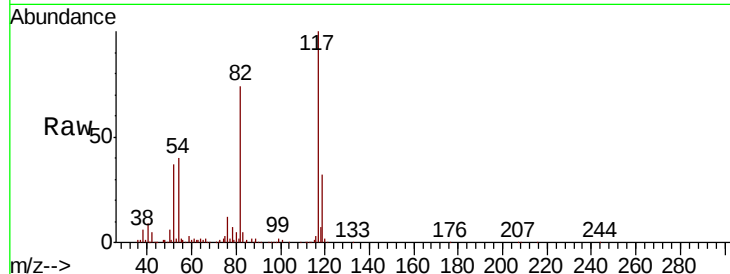


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 22:55

Tot Ion:1
Ion Rati
117 100
82 74.
119 33.

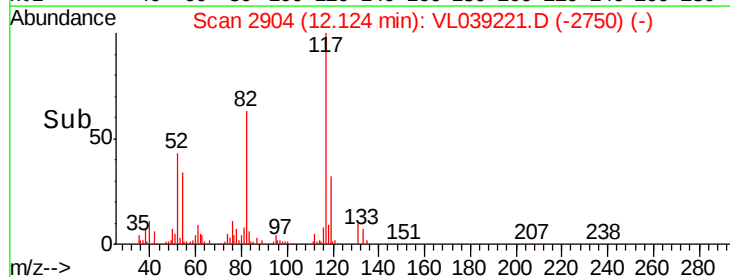
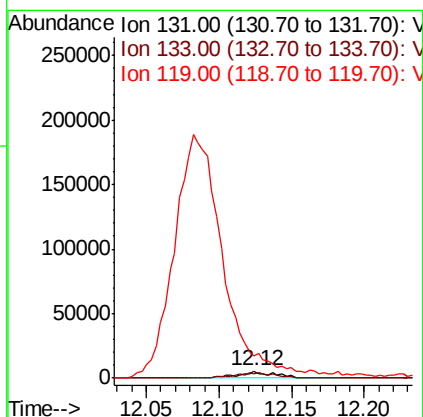
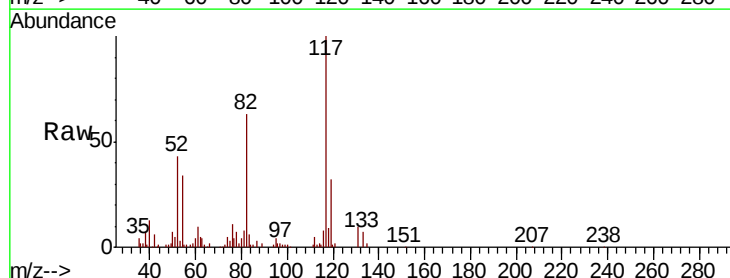
Manual Integrations
APPROVED

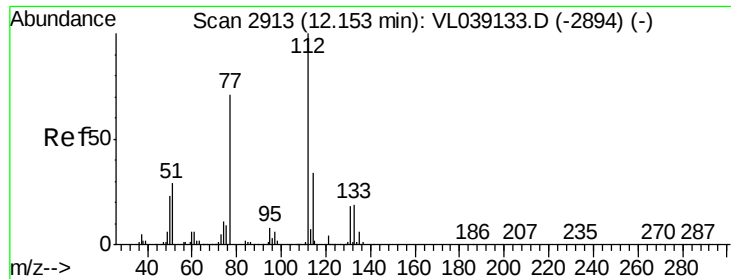
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.149 ppbv m
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL039221.D
Acq: 7 Jun 2022 22:55

Tgt Ion:131 Resp: 9602
Ion Ratio Lower Upper
131 100
133 93.6 78.6 117.8
119 0.0 51.7 77.5#





#57

Chlorobenzene

Concen: 0.155 ppbv m

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55

Tot Ion:1

Ion Rati

112 100

77 72.

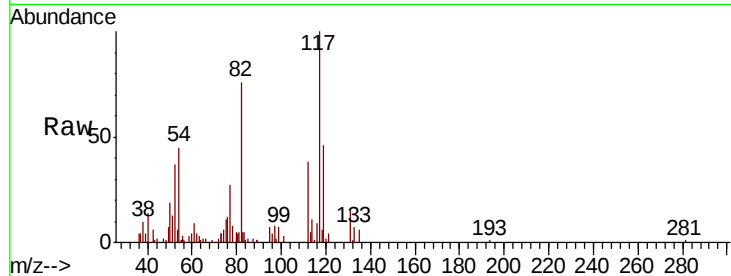
114 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

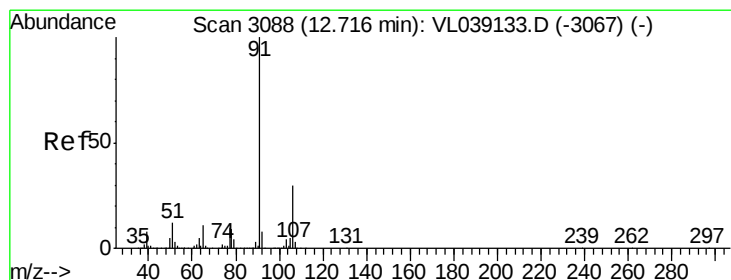
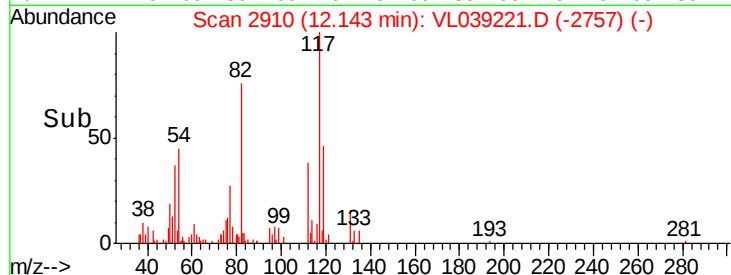
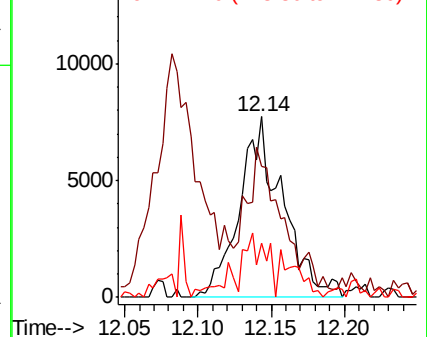
Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 0.120 ppbv m

RT: 12.71 min Scan# 3086

Delta R.T. -0.01 min

Lab File: VL039221.D

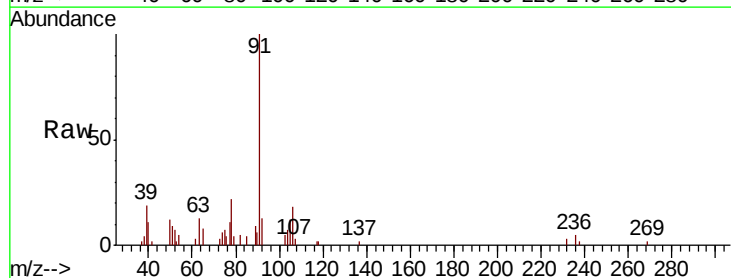
Acq: 7 Jun 2022 22:55

Tgt Ion: 91 Resp: 22471

Ion Ratio Lower Upper

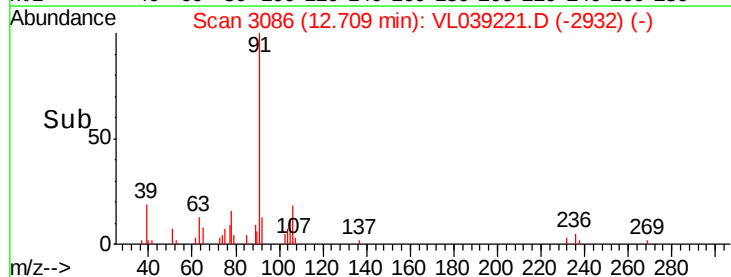
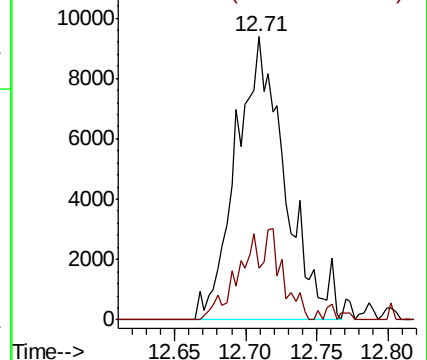
91 100

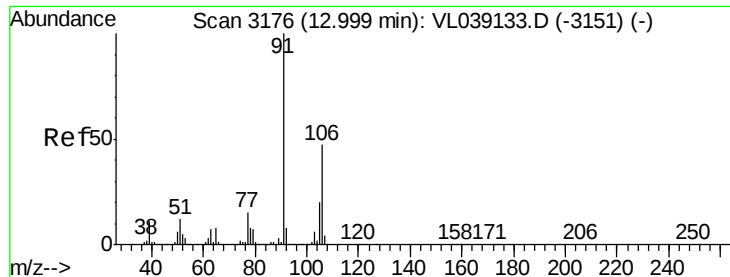
106 18.1 24.2 36.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 0.235 ppbv m

RT: 13.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

91 100

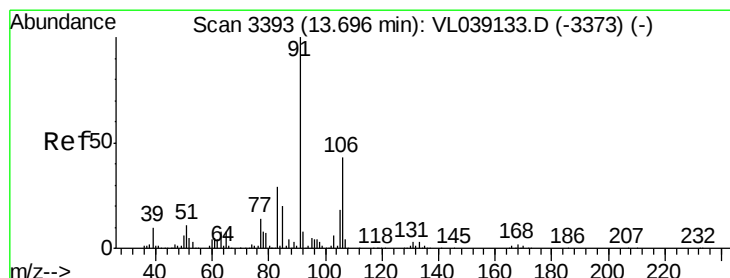
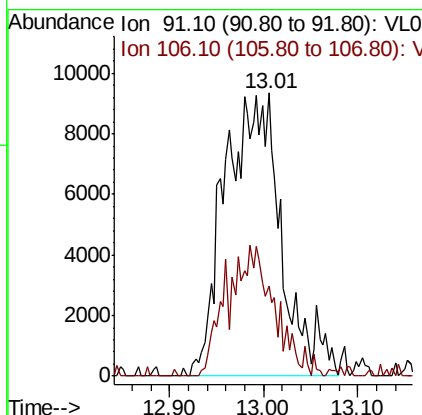
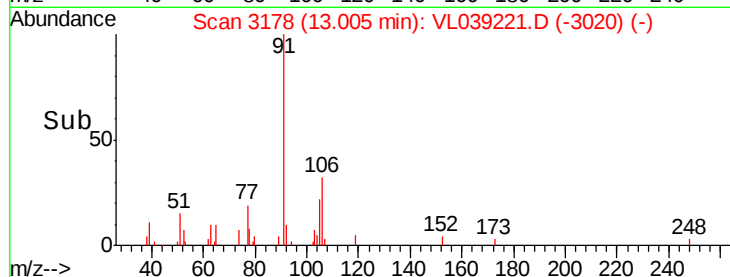
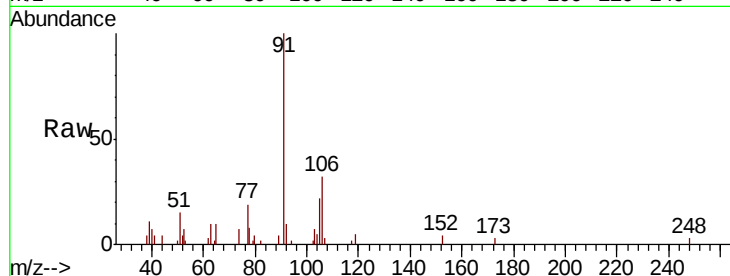
106 38.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#60

o-Xylene

Concen: 0.107 ppbv m

RT: 13.69 min Scan# 3391

Delta R.T. -0.01 min

Lab File: VL039221.D

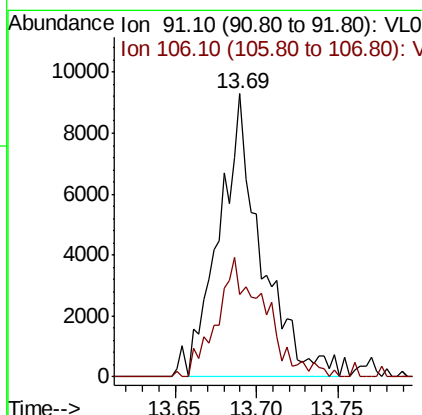
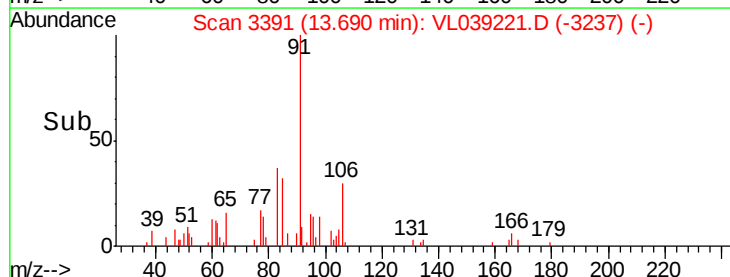
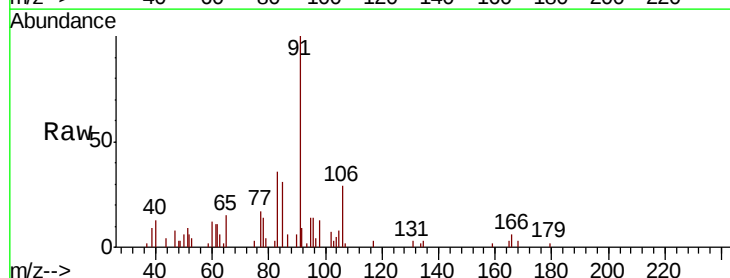
Acq: 7 Jun 2022 22:55

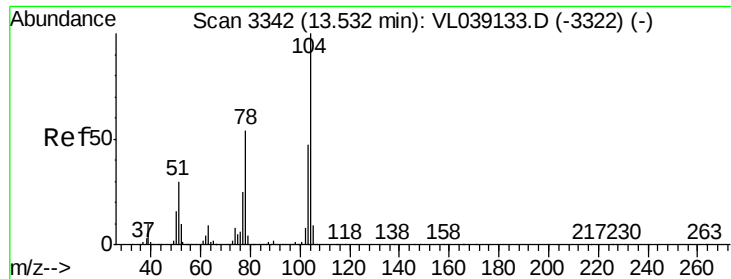
Tgt Ion: 91 Resp: 16584

Ion Ratio Lower Upper

91 100

106 47.9 22.3 66.9



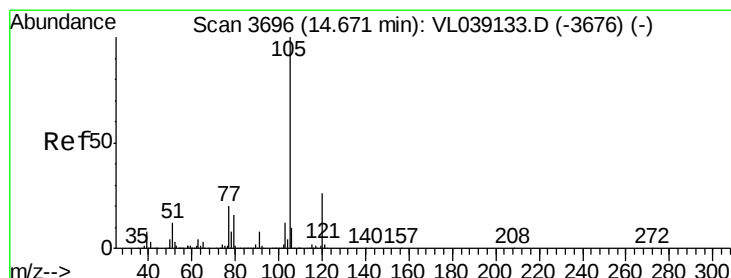
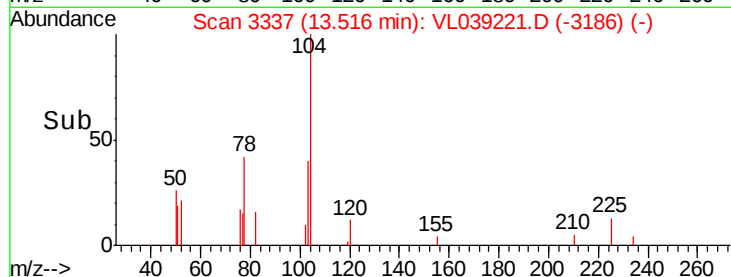
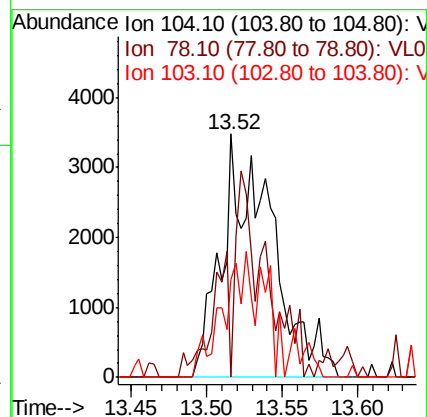
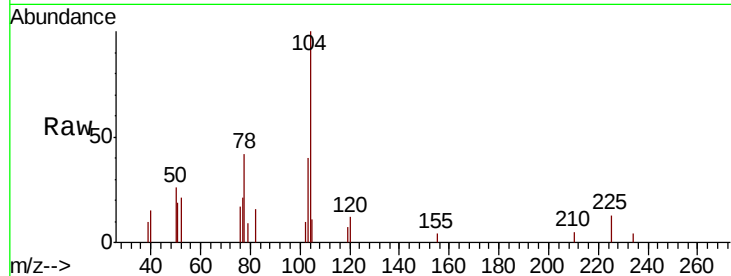


#61
Stvrene
Concen: 0.096 ppbv m
RT: 13.52
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 22:55

Tot Ion:1
Ion Rati
104 100
78 69.
103 48.

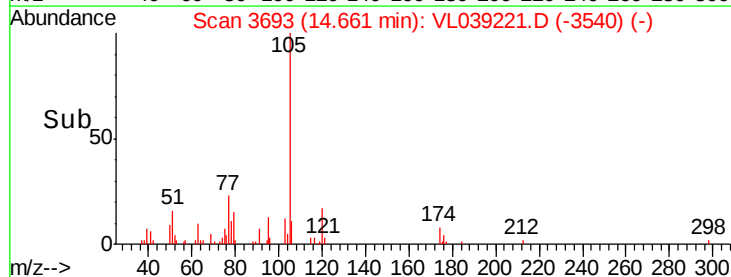
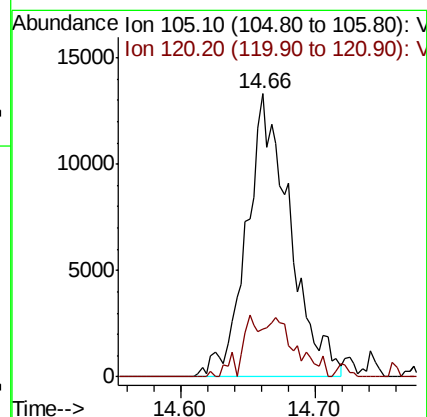
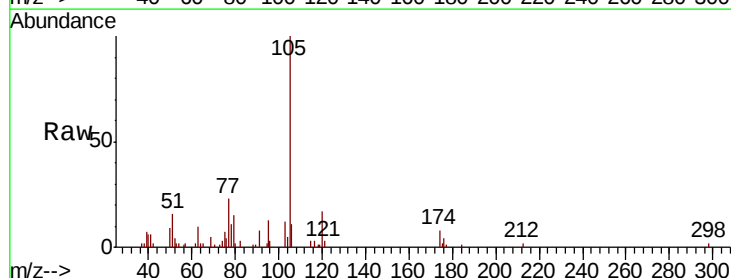
Manual Integrations
APPROVED

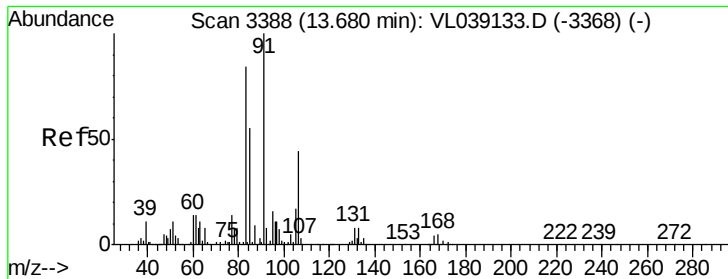
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#62
Isopropylbenzene
Concen: 0.128 ppbv m
RT: 14.66 min Scan# 3693
Delta R.T. -0.01 min
Lab File: VL039221.D
Acq: 7 Jun 2022 22:55

Tgt Ion:105 Resp: 29597
Ion Ratio Lower Upper
105 100
120 0.0 20.3 30.5#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.118 ppbv m

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:55

Tot Ion:

Ion Ratio

83 100

131 0.

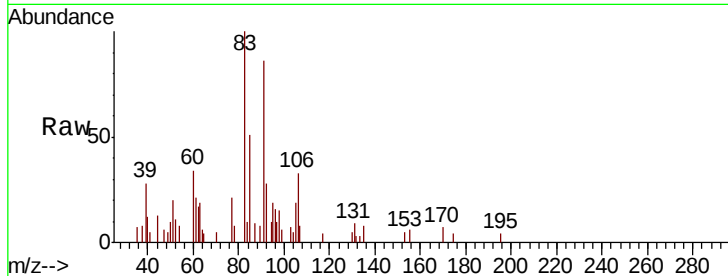
85 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

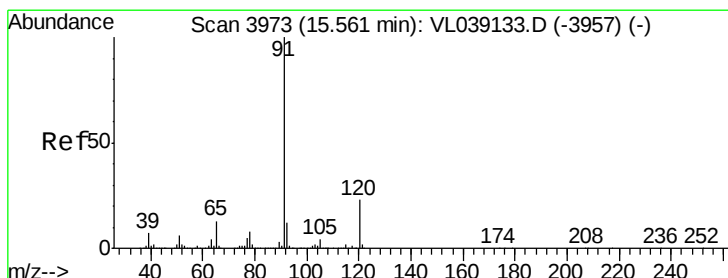
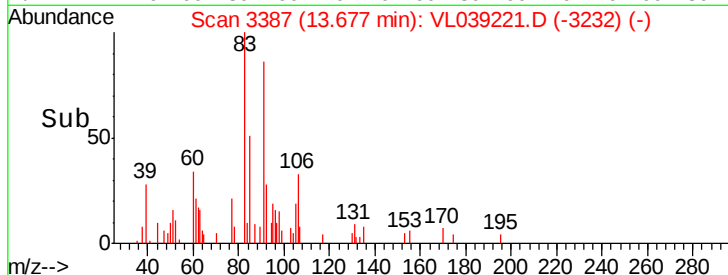
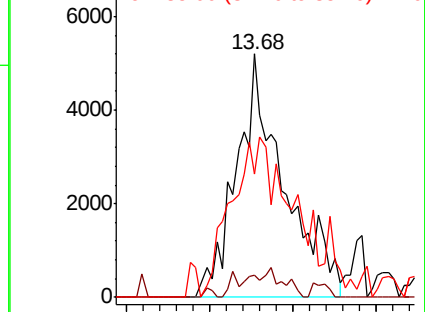
Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 0.095 ppbv m

RT: 15.57 min Scan# 3975

Delta R.T. 0.01 min

Lab File: VL039221.D

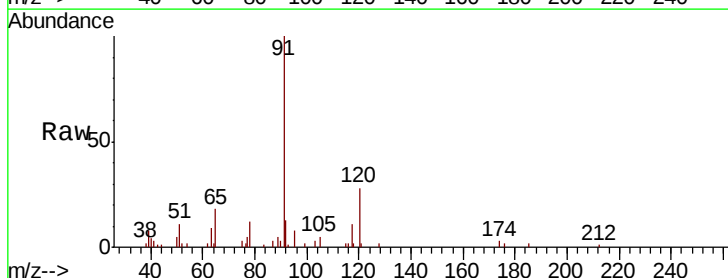
Acq: 7 Jun 2022 22:55

Tgt Ion:120 Resp: 5404

Ion Ratio Lower Upper

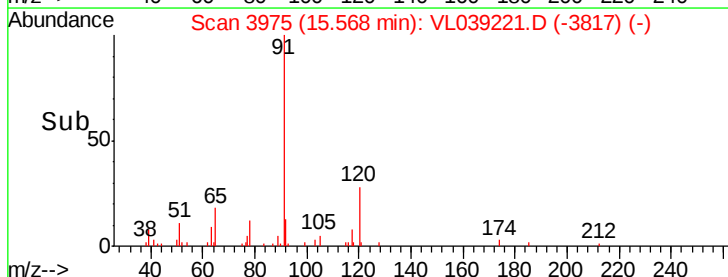
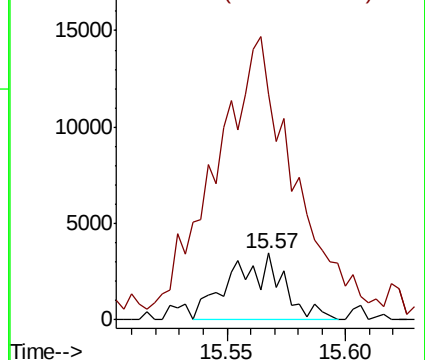
120 100

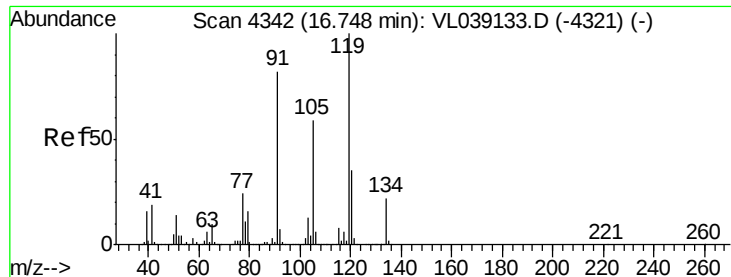
91 0.0 388.4 582.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



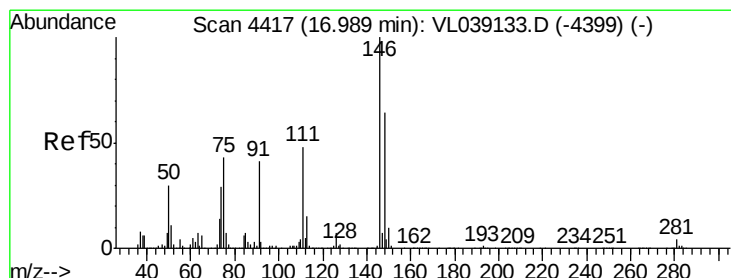
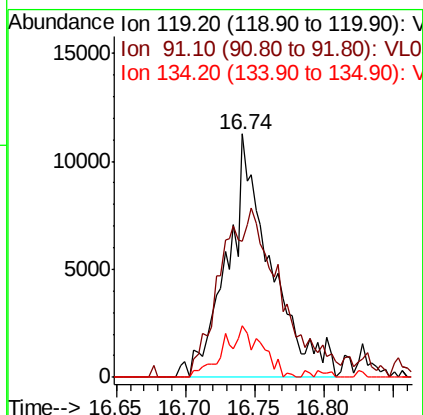
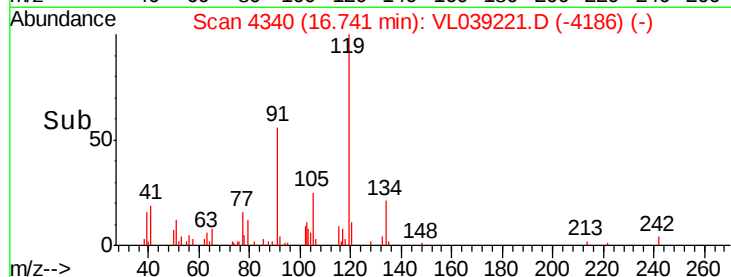
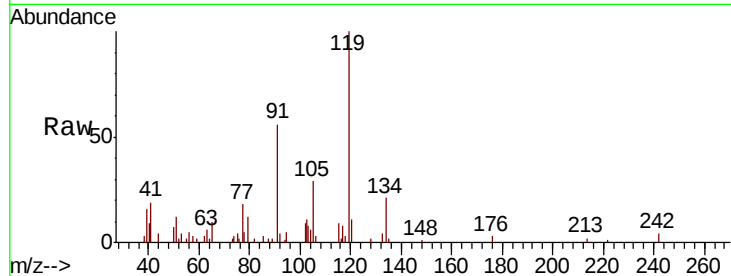


#65
tert-Butylbenzene
Concen: 0.115 ppbv m
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 22:55

Tot Ion: 1
Ion Ratio
119 100
91 0.
134 0.

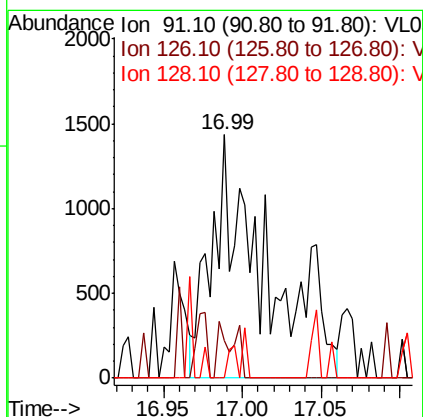
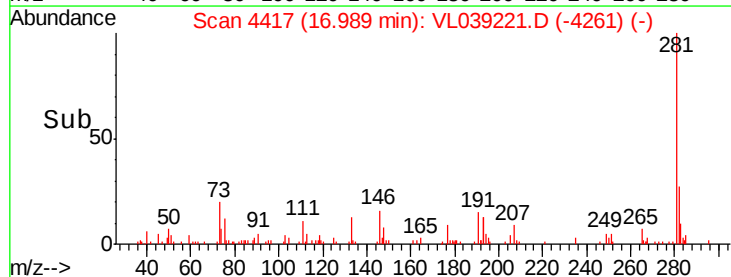
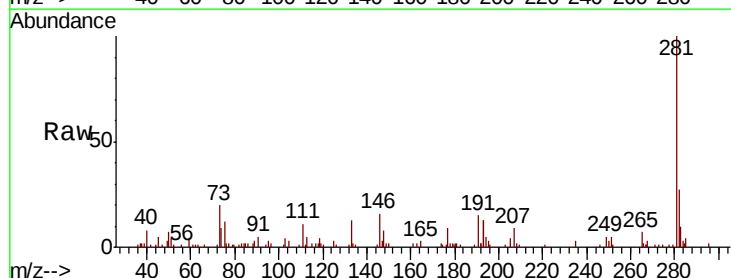
Manual Integrations
APPROVED

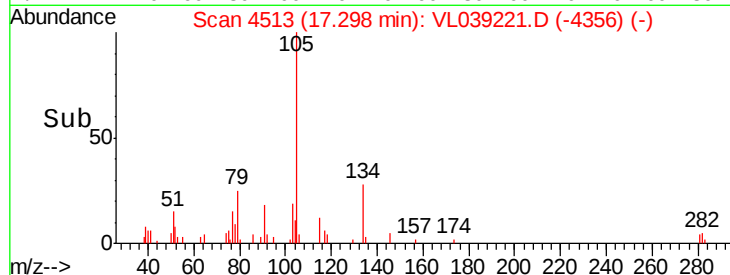
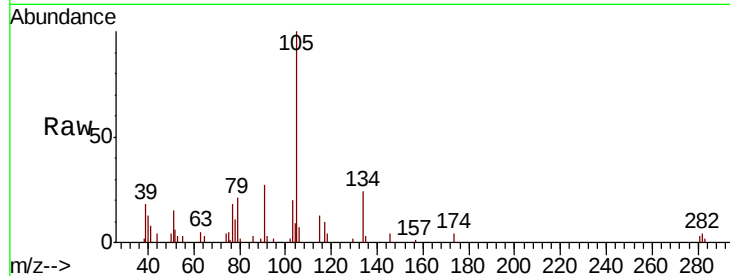
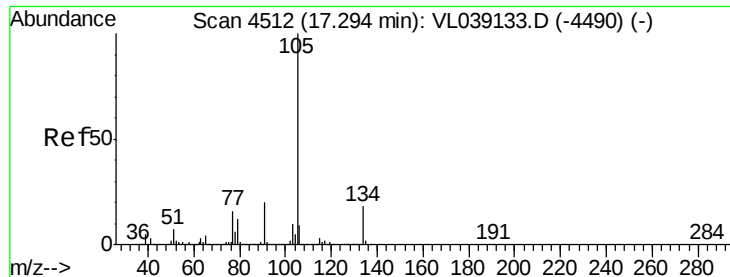
Reviewed By : Semsettin Yesilyurt 06/10/2022
Supervised By : Mahesh Dadoda 06/10/2022



#66
Benzyl Chloride
Concen: 0.123 ppbv m
RT: 16.99 min Scan# 4417
Delta R.T.: 0.00 min
Lab File: VL039221.D
Acq: 7 Jun 2022 22:55

Tgt Ion: 91 Resp: 3369
Ion Ratio Lower Upper
91 100
126 0.0 13.4 20.0#
128 0.0 4.1 6.1#



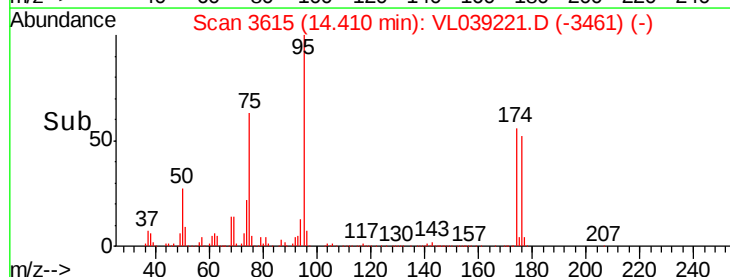
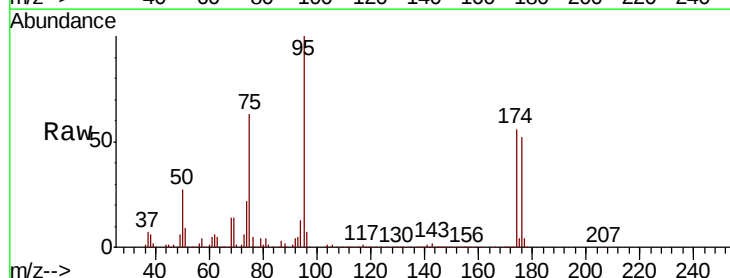
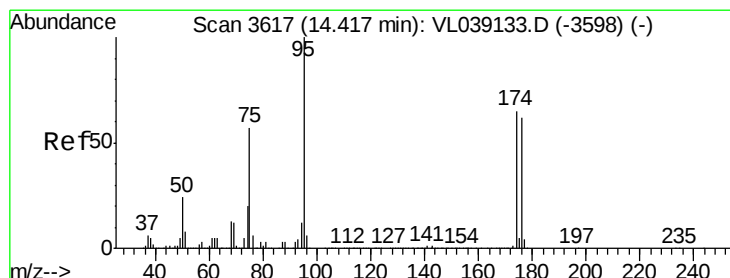
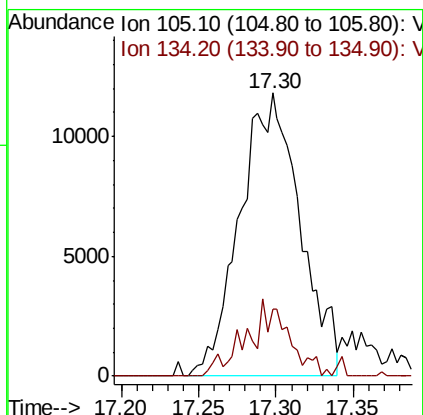


#67
 sec-Butylbenzene
 Concen: 0.111 ppbv m
 RT: 17.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 22:55

Tot Ion:1
 Ion Rati
 105 100
 134 19.

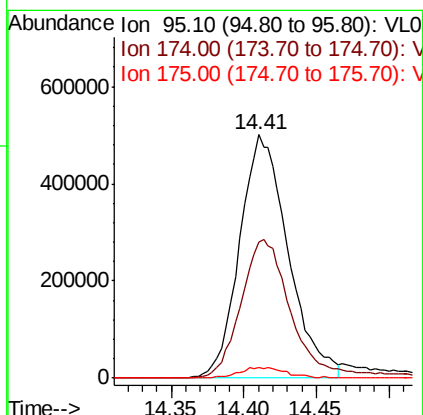
Manual Integrations
 APPROVED

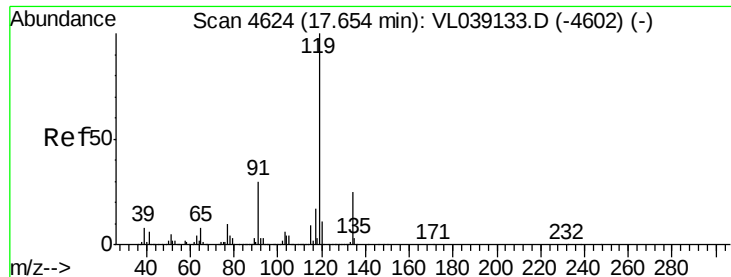
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.303 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. -0.01 min
 Lab File: VL039221.D
 Acq: 7 Jun 2022 22:55

Tgt Ion: 95 Resp: 1159592
 Ion Ratio Lower Upper
 95 100
 174 62.6 53.8 80.8
 175 4.5 4.1 6.1



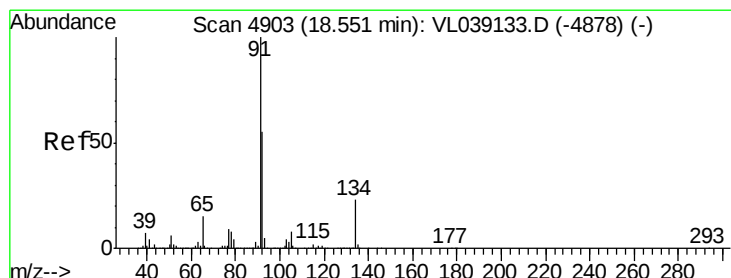
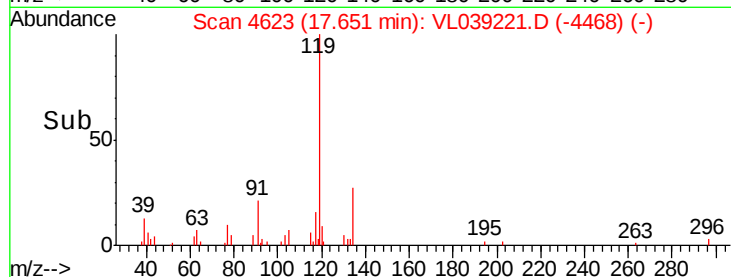
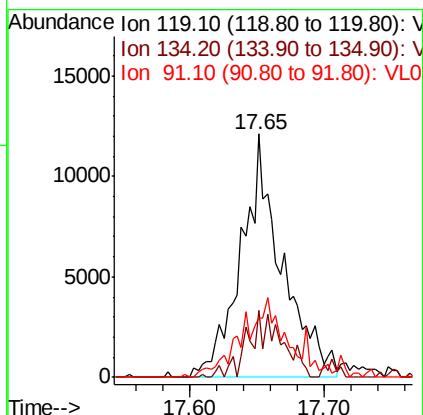
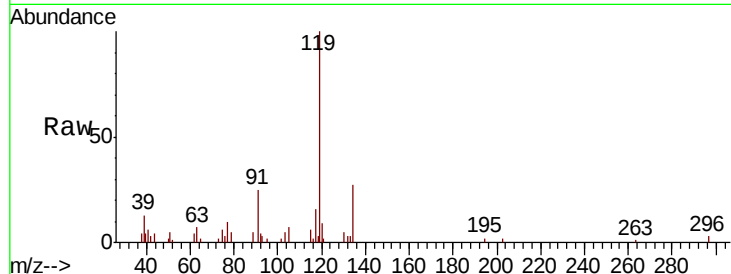


#69
 p-Isopropyltoluene
 Concen: 0.105 ppbv m
 RT: 17.65
 Instrument: MSVOA.L
 Delta R.T.
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 22:55

Tot Ion: 1
 Ion Ratio
 119 100
 134 22.
 91 36.

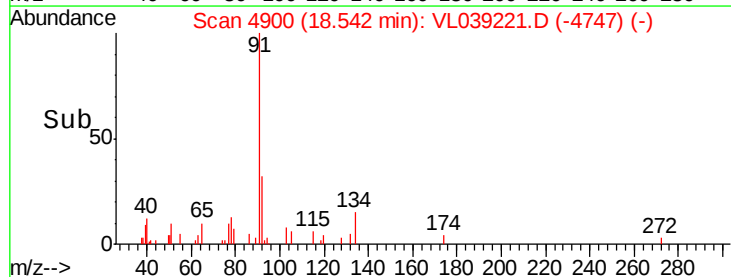
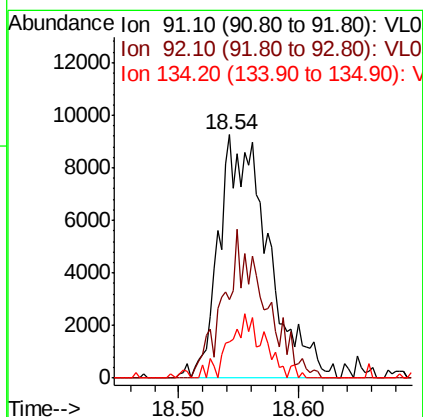
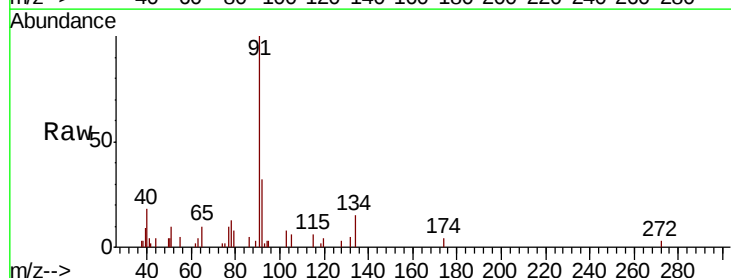
Manual Integrations
 APPROVED

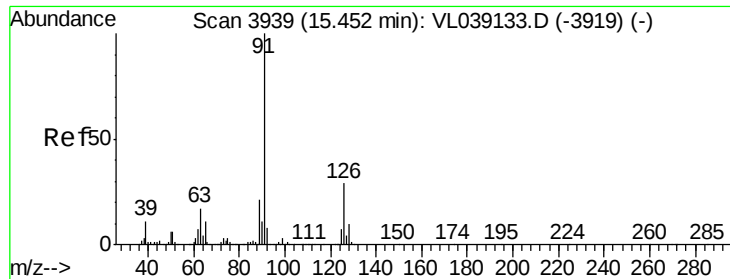
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#70
 n-Butylbenzene
 Concen: 0.106 ppbv m
 RT: 18.54 min Scan# 4900
 Delta R.T. -0.01 min
 Lab File: VL039221.D
 Acq: 7 Jun 2022 22:55

Tgt Ion: 91 Resp: 26349
 Ion Ratio Lower Upper
 91 100
 92 0.0 43.6 65.4#
 134 0.0 17.7 26.5#



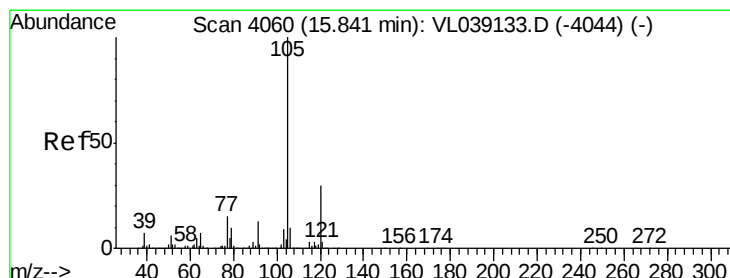
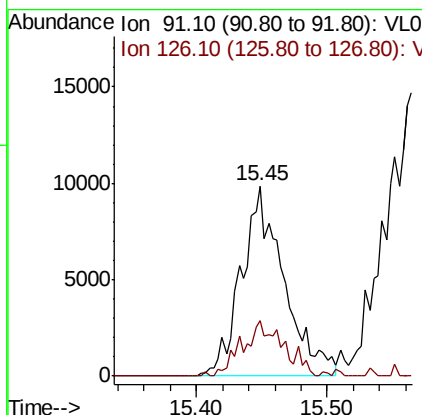
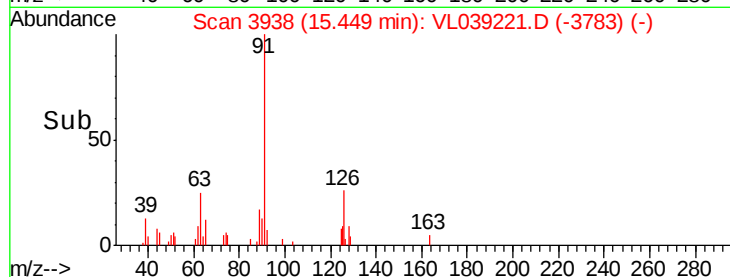
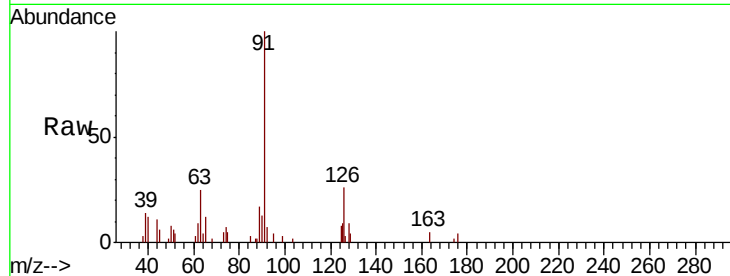


#71
 2-Chlorotoluene
 Concen: 0.126 ppbv m
 RT: 15.45
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 22:55

Tot Ion:
 Ion Ratio
 91 100
 126 28.

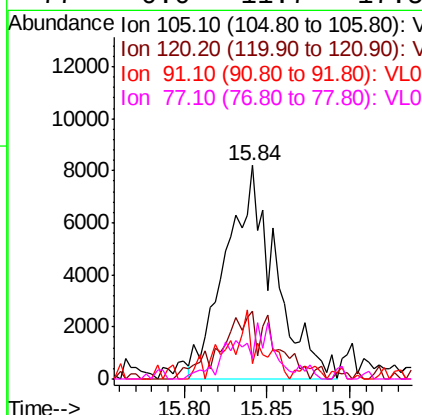
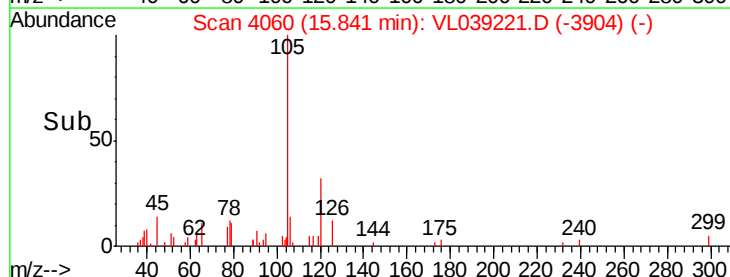
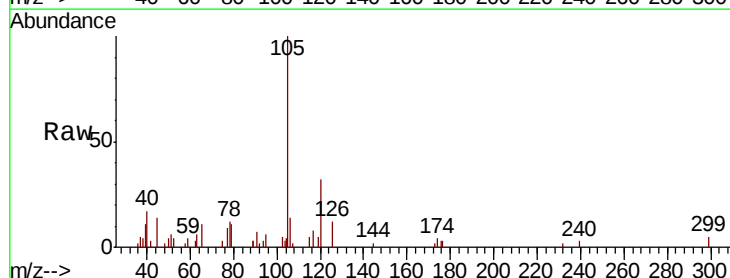
Manual Integrations
 APPROVED

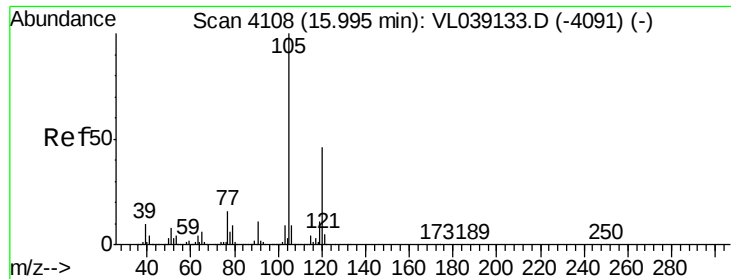
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#72
 4-Ethyltoluene
 Concen: 0.094 ppbv m
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.00 min
 Lab File: VL039221.D
 Acq: 7 Jun 2022 22:55

Tgt Ion:105 Resp: 17073
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.9 35.9#
 91 0.0 10.6 16.0#
 77 0.0 11.7 17.5#



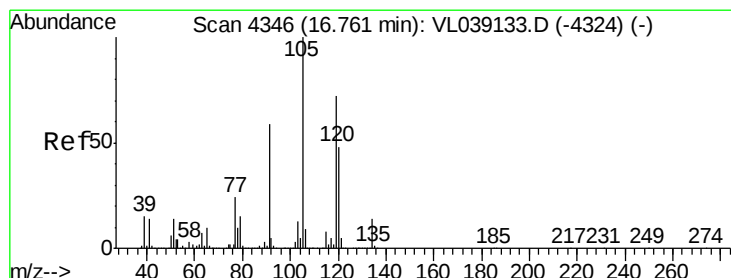
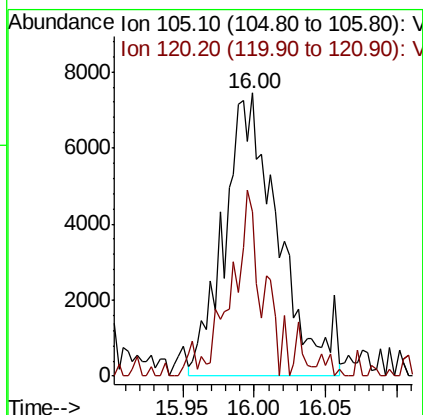
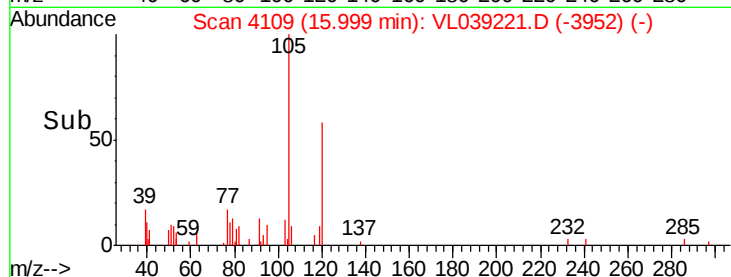
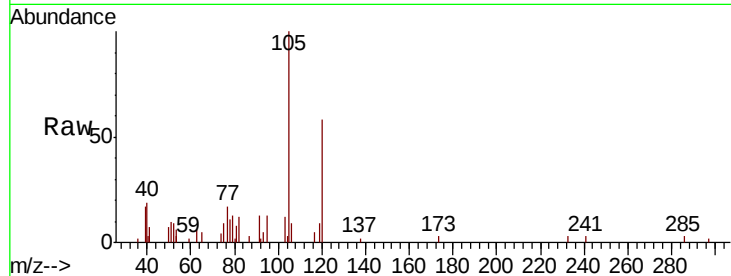


#73
 1,3,5-Trimethylbenzene
 Concen: 0.118 ppbv m
 RT: 16.00
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 22:55

Tot Ion:1
 Ion Rati
 105 100
 120 58.

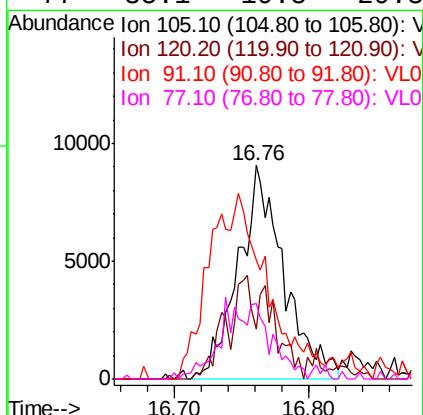
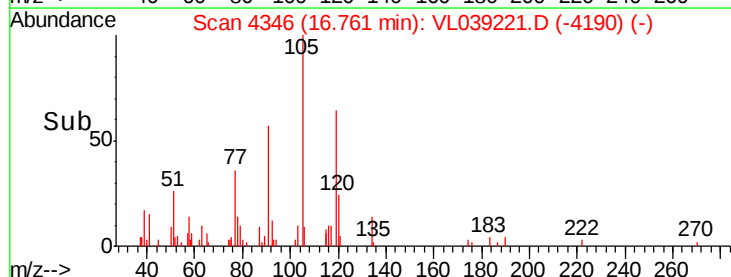
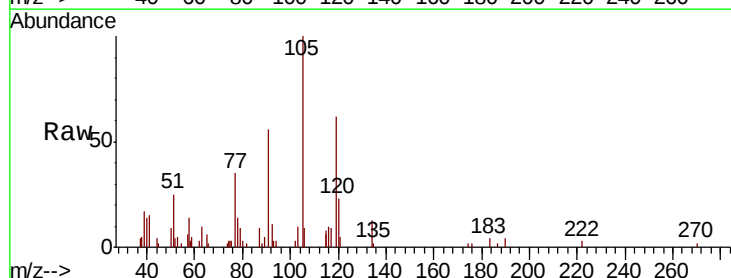
Manual Integrations
 APPROVED

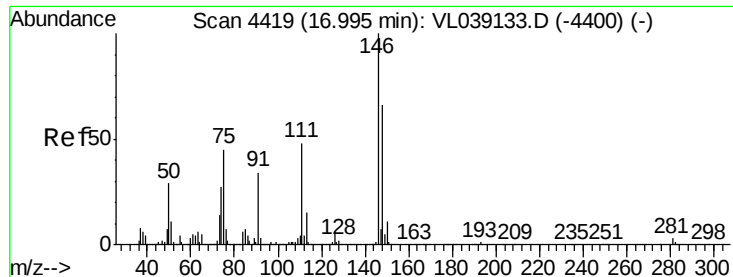
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 0.116 ppbv m
 RT: 16.76 min Scan# 4346
 Delta R.T. 0.00 min
 Lab File: VL039221.D
 Acq: 7 Jun 2022 22:55

Tgt Ion:105 Resp: 21277
 Ion Ratio Lower Upper
 105 100
 120 23.4 38.1 57.1#
 91 55.5 47.4 71.0
 77 35.1 19.5 29.3#





#75

1,3-Dichlorobenzene

Concen: 0.133 ppbv m

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:55

Tot Ion:1

Ion Ratio

146 100

111 0.

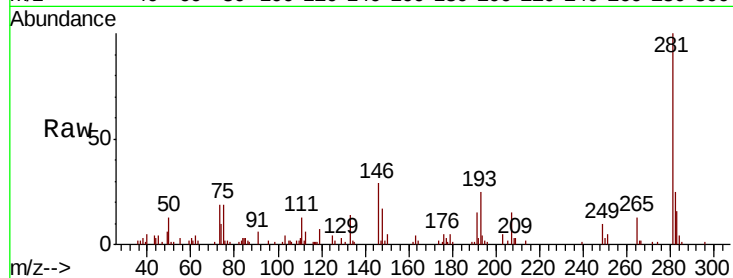
148 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

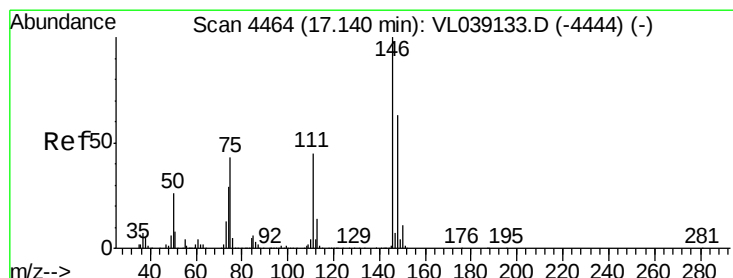
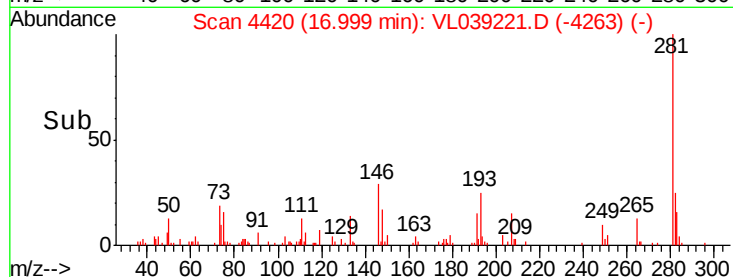
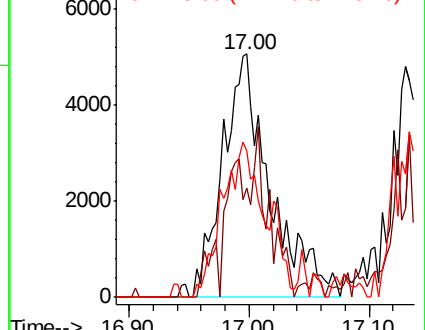
Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 0.119 ppbv m

RT: 17.13 min Scan# 4461

Delta R.T. -0.01 min

Lab File: VL039221.D

Acq: 7 Jun 2022 22:55

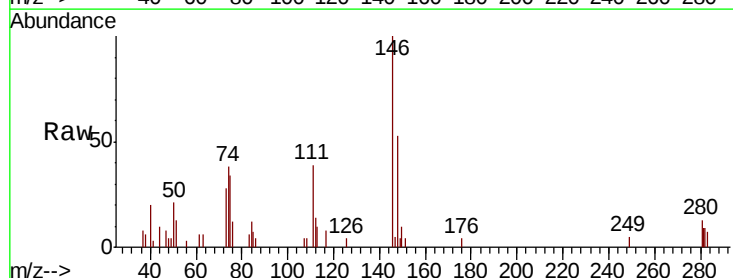
Tgt Ion:146 Resp: 12250

Ion Ratio Lower Upper

146 100

111 57.7 23.6 71.0

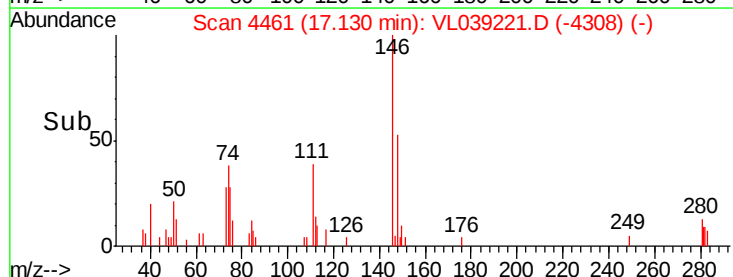
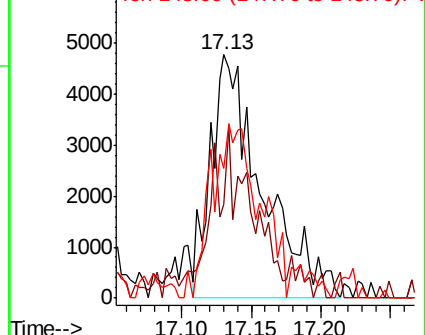
148 77.8 33.7 101.0

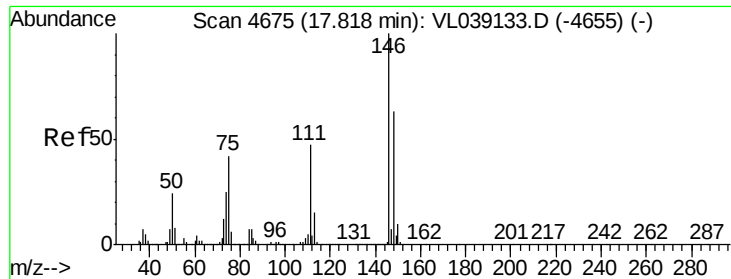


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



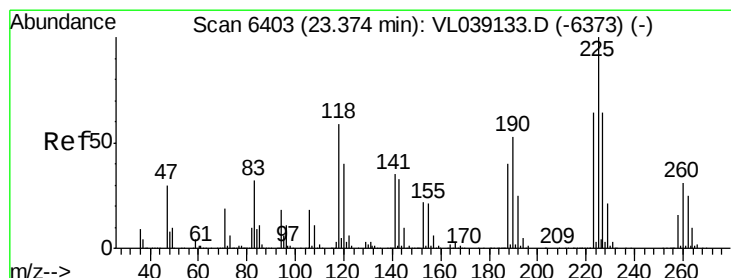
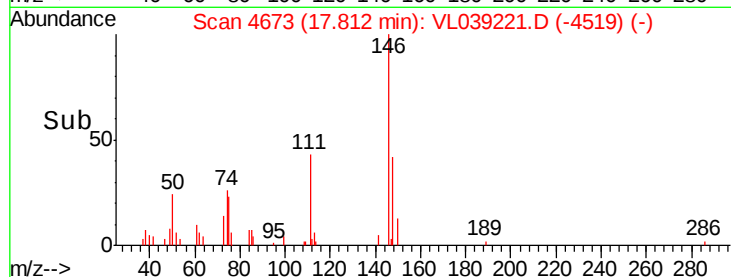
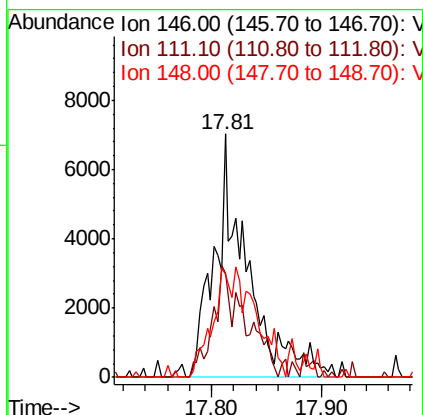
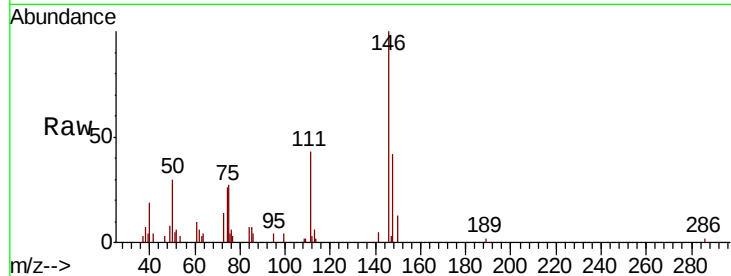


#77
 1,2-Dichlorobenzene
 Concen: 0.138 ppbv m
 RT: 17.81 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 22:55

Tot Ion:1
 Ion Ratio
 146 100
 111 46.
 148 0.

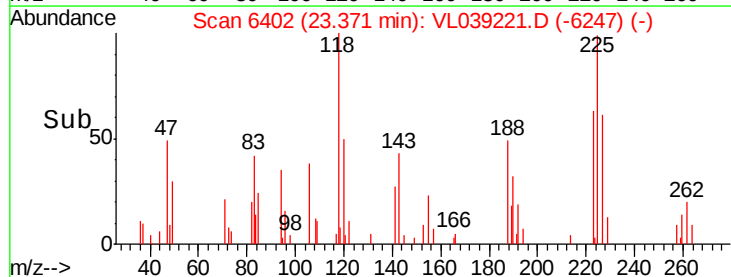
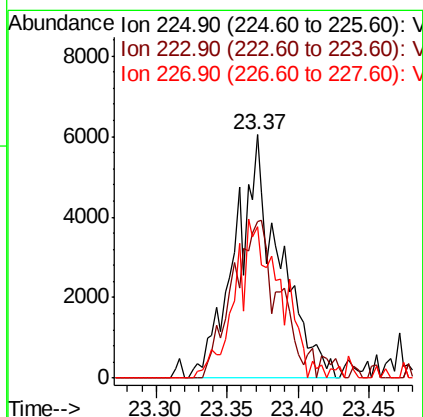
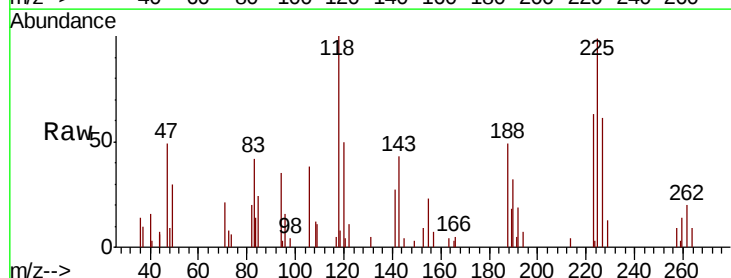
Manual Integrations
 APPROVED

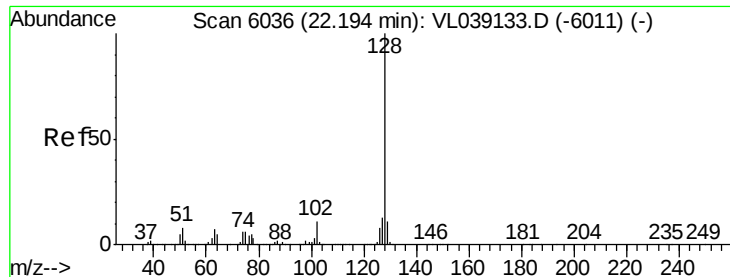
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.137 ppbv m
 RT: 23.37 min Scan# 6402
 Delta R.T.: -0.00 min
 Lab File: VL039221.D
 Acq: 7 Jun 2022 22:55

Tgt Ion:225 Resp: 13093
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.4 77.0#
 227 0.0 50.6 75.8#





#79

Naphthalene

Concen: 0.075 ppbv m

RT: 22.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 22:55

Tot Ion:1

Ion Ratio

128 100

127 6.

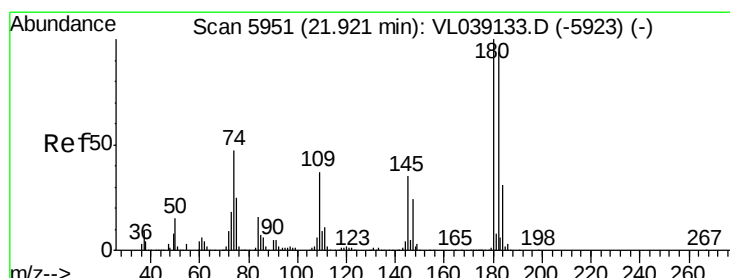
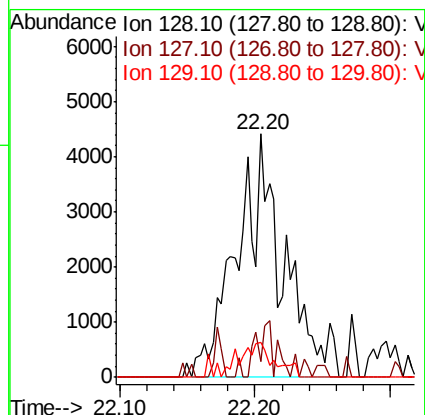
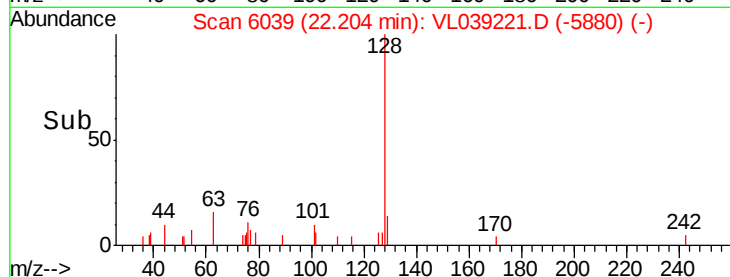
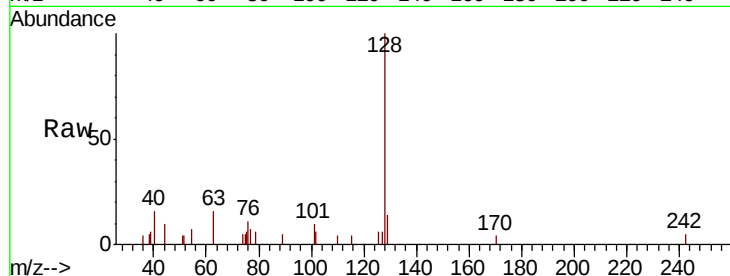
129 14.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#81

1,2,4-Trichlorobenzene

Concen: 0.092 ppbv m

RT: 21.93 min Scan# 5954

Delta R.T. 0.01 min

Lab File: VL039221.D

Acq: 7 Jun 2022 22:55

Tgt Ion:180 Resp: 8249

Ion Ratio Lower Upper

180 100

182 32.2 0.0 0.0#

184 0.0 0.0 0.0

