

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037931.D
 Acq On : 28 Oct 2021 00:43
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/28/2021
 Supervised By : Mahesh Dadoda 10/29/2021

Quant Time: Oct 28 08:03:57 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	5.68	49	1444193	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4214278	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3665007m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2683619	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1420529	6.158 ppbv	100
3) Chlorodifluoromethane	3.00	51	2589408	9.331 ppbv	100
4) Chloromethane	3.15	50	999701	9.836 ppbv	95
5) Vinyl Chloride	3.27	62	974452	10.459 ppbv	96
6) Bromomethane	3.48	94	502011	9.961 ppbv	99
7) Chloroethane	3.57	64	358954	10.478 ppbv	92
8) Dichlorotetrafluoroethane	3.20	85	2158558	9.467 ppbv	97
9) Propene	3.02	41	938224	9.189 ppbv	98
10) Heptane	8.13	43	2386834	10.293 ppbv	99
11) Trichlorofluoromethane	3.96	101	2011662	9.774 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1559521	10.001 ppbv	99
13) Ethanol	3.62	45	90343m	10.820 ppbv	
14) Bromoethene	3.75	108	674791	9.842 ppbv	98
15) Acetone	3.86	43	1143364	8.819 ppbv	100
16) 1,3-Butadiene	3.34	39	934067	9.902 ppbv	98
17) tert-Butyl alcohol	4.29	59	1243893	9.316 ppbv	100
18) 1,1-Dichloroethene	4.30	96	701715	9.902 ppbv	99
19) Isopropyl Alcohol	3.98	45	759942	9.422 ppbv	# 98
20) Methylene Chloride	4.35	84	582053	8.886 ppbv	95
21) Allyl Chloride	4.42	41	1116126	9.718 ppbv	99
22) trans-1,2-Dichloroethene	4.90	96	743329	10.433 ppbv	98
23) Vinyl Acetate	5.09	43	1874058	9.646 ppbv	# 98
24) 1,1-Dichloroethane	5.02	63	1459161	10.317 ppbv	99
25) Ethyl Acetate	5.69	43	3678362	10.111 ppbv	99
26) Hexane	5.70	57	1730136	9.658 ppbv	98
27) Carbon Disulfide	4.56	76	1770364	11.151 ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1373527	9.209 ppbv	99
29) Chloroform	5.76	83	2451723	9.575 ppbv	96
30) Cyclohexane	7.14	84	1471843	9.689 ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1594487	9.805 ppbv	96
32) 1,1,1-Trichloroethane	6.52	97	2314207	9.533 ppbv	100
34) 2-Butanone	5.25	43	1639912	9.639 ppbv	100
35) Carbon Tetrachloride	7.03	117	2395214	10.008 ppbv	99
36) Benzene	6.90	78	3590158	9.974 ppbv	99
37) 1,2-Dichloroethane	6.32	62	1689828	9.970 ppbv	100
38) Trichloroethene	7.85	130	1419443	9.982 ppbv	97
39) 1,2-Dichloropropane	7.63	63	1375846	10.162 ppbv	99
40) 1,4-Dioxane	7.84	88	345339	10.193 ppbv	# 100
41) Tetrahydrofuran	6.06	42	845633	10.150 ppbv	97
42) Bromodichloromethane	7.80	83	2548431	10.236 ppbv	96
43) Methyl Methacrylate	8.02	69	1254994	10.674 ppbv	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037931.D
 Acq On : 28 Oct 2021 00:43
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

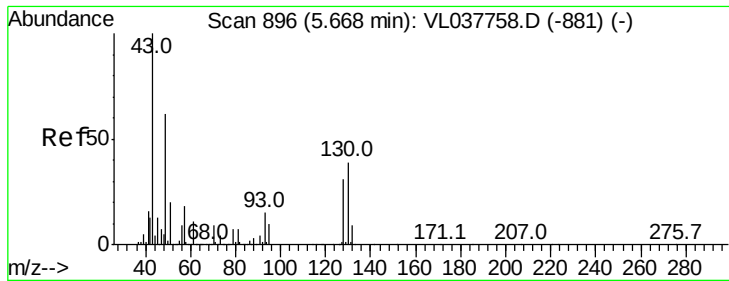
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/28/2021
 Supervised By : Mahesh Dadoda 10/29/2021

Quant Time: Oct 28 08:03:57 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)
44) 2,2,4-Trimethylpentane	7.88	57	6056084	10.014	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	951614	11.763	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1309536	11.679	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1436126	9.757	ppbv	98
48) Dibromochloromethane	10.31	129	2223605	10.597	ppbv	98
49) Bromoform	13.05	173	1843095	11.480	ppbv	97
50) 4-Methyl-2-Pentanone	8.75	43	2394977	10.814	ppbv	100
51) 2-Hexanone	10.14	43	1088317	11.007	ppbv #	99
52) Tetrachloroethene	11.23	164	1291700m	9.224	ppbv	
53) Toluene	9.82	91	4124127	10.338	ppbv	100
54) 1,2-Dibromoethane	10.62	107	1981492	9.966	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	1583279	10.436	ppbv	97
57) Chlorobenzene	12.16	112	3024787	10.061	ppbv	98
58) Ethyl Benzene	12.72	91	5270104	10.709	ppbv	99
59) m/p-Xylene	13.00	91	8888520m	21.041	ppbv	
60) o-Xylene	13.70	91	4090596	10.104	ppbv	99
61) Styrene	13.54	104	2277295	11.629	ppbv	99
62) Isopropylbenzene	14.67	105	5817586	10.302	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	3070396	9.828	ppbv	100
64) n-propylbenzene	15.57	120	1543257	10.959	ppbv	97
65) tert-Butylbenzene	16.75	119	5067159	10.197	ppbv	99
66) Benzyl Chloride	16.99	91	265019	10.806	ppbv #	99
67) sec-Butylbenzene	17.30	105	7082052	10.421	ppbv	100
69) p-Isopropyltoluene	17.66	119	5832078	10.614	ppbv	100
70) n-Butylbenzene	18.55	91	5629799	10.786	ppbv	100
71) 2-Chlorotoluene	15.46	91	4174726	10.469	ppbv	100
72) 4-Ethyltoluene	15.84	105	5029140	10.940	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4446439	10.649	ppbv	93
74) 1,2,4-Trimethylbenzene	16.77	105	4634036	10.568	ppbv	99
75) 1,3-Dichlorobenzene	17.00	146	2844941	10.472	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2716631	10.483	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	2736146	10.485	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1876597	8.807	ppbv	100
79) Naphthalene	22.20	128	2928314	10.904	ppbv	100
80) Naphthalene, 2-methyl-	24.97	142	606878	8.416	ppbv	97
81) 1,2,4-Trichlorobenzene	21.93	180	1773300	10.325	ppbv	97

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 28 Oct 2021 00:43

Tot Ion:

Ion Ratio

49 100

128 54.

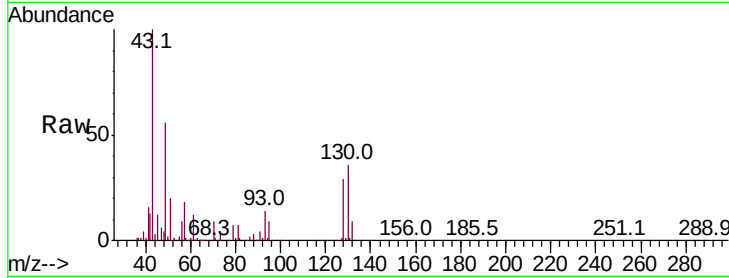
130 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

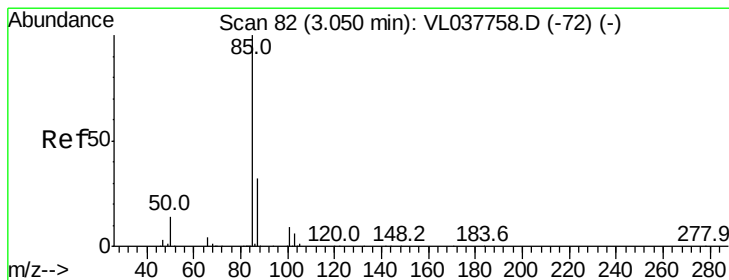
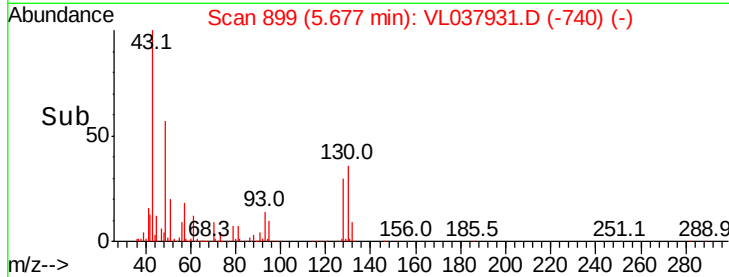
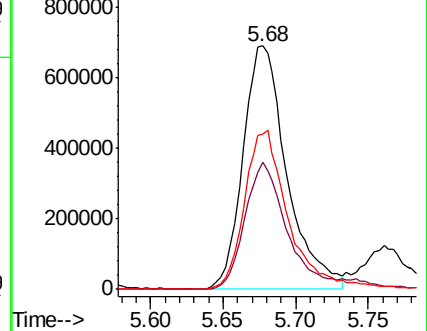
Supervised By :Mahesh Dadoda 10/29/2021



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 6.158 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL037931.D

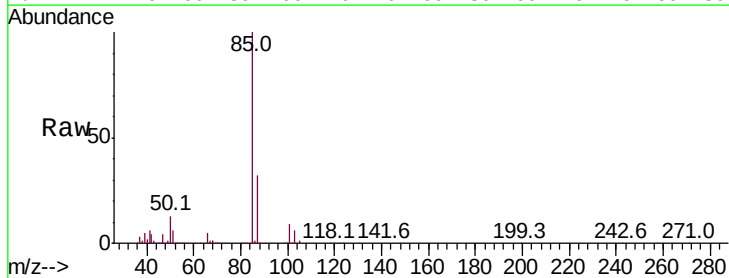
Acq: 28 Oct 2021 00:43

Tgt Ion: 85 Resp: 1420529

Ion Ratio Lower Upper

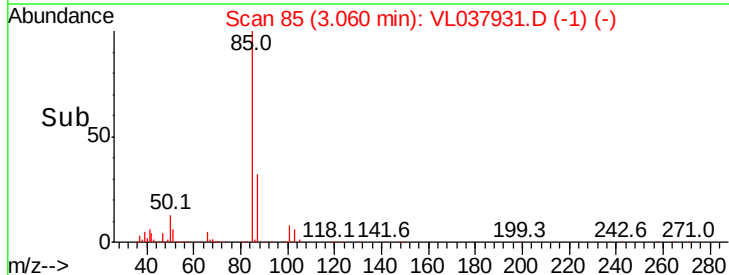
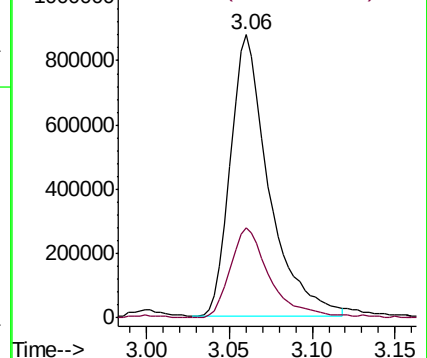
85 100

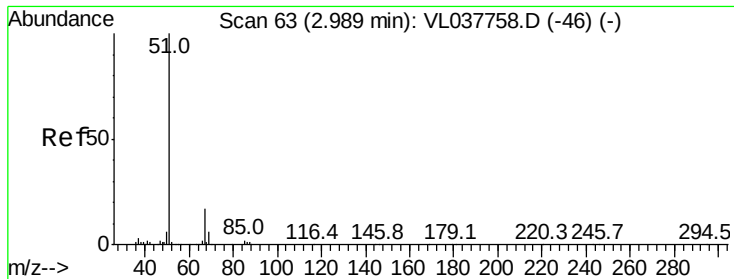
87 32.0 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.331 ppbv

RT: 3.00 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

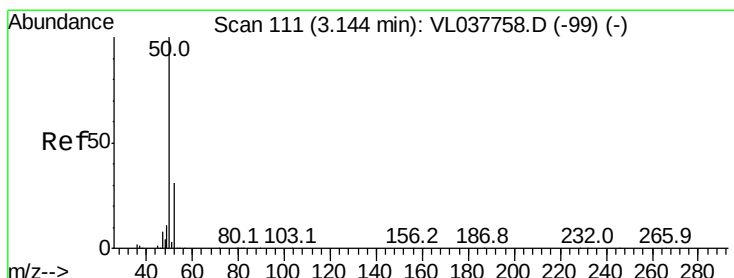
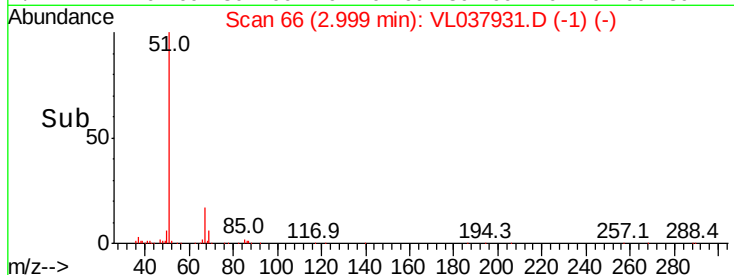
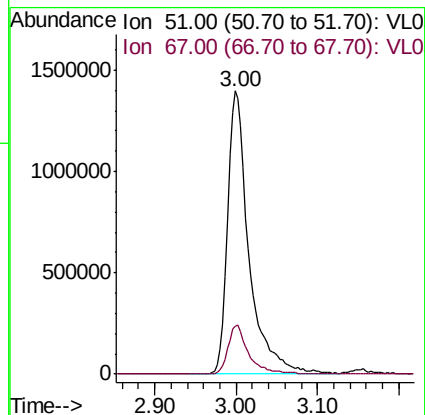
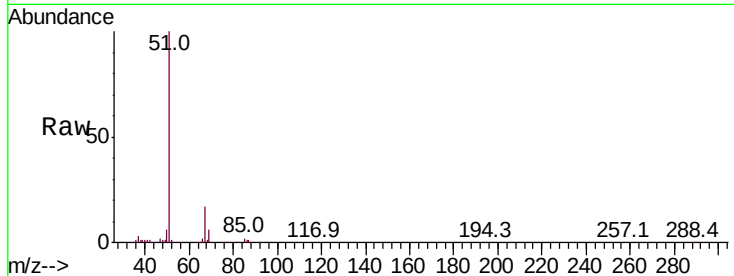
67 16.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#4

Chloromethane

Concen: 9.836 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL037931.D

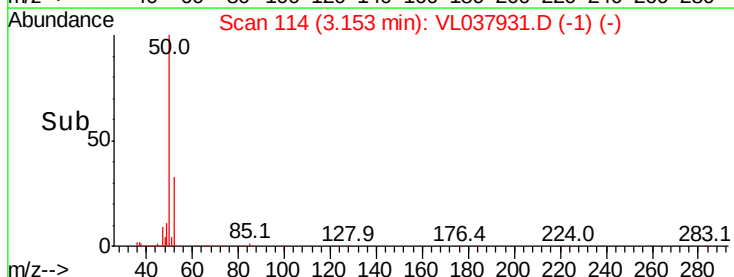
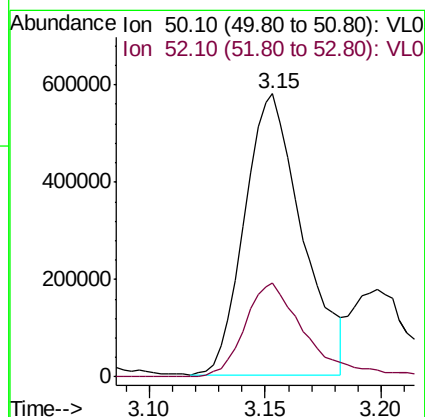
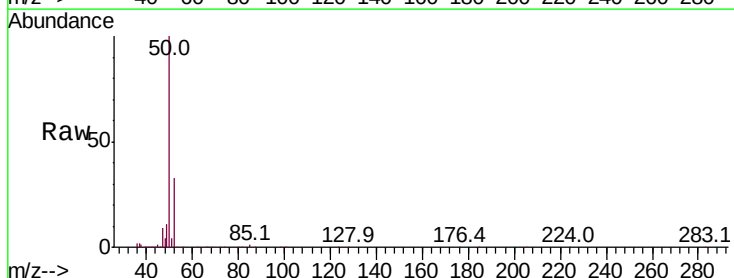
Acq: 28 Oct 2021 00:43

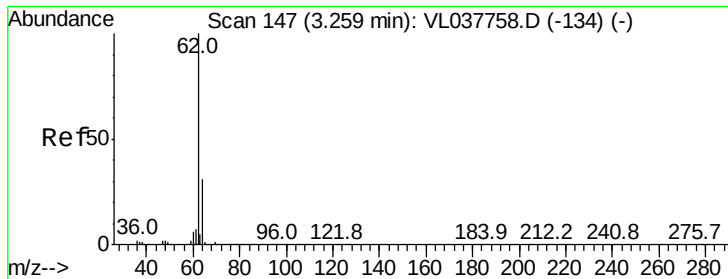
Tgt Ion: 50 Resp: 999701

Ion Ratio Lower Upper

50 100

52 33.5 24.4 36.6





#5

Vinyl Chloride

Concen: 10.459 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:

Ion Ratio

62 100

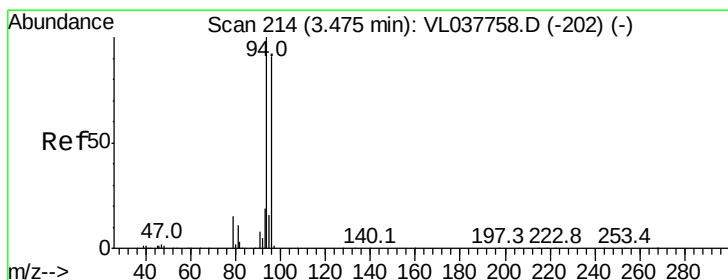
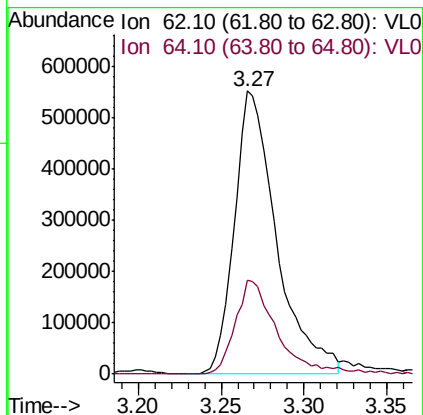
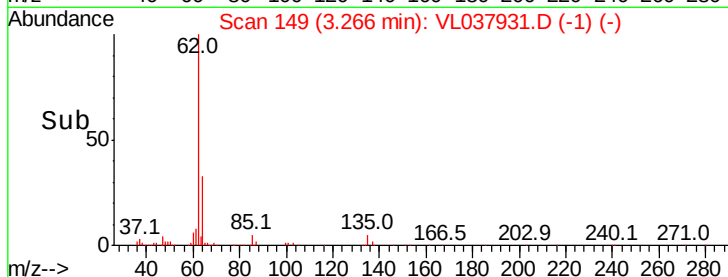
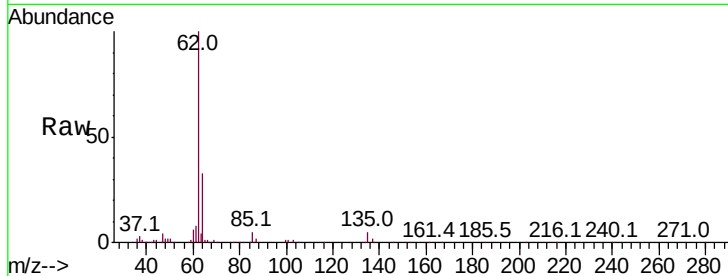
64 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#6

Bromomethane

Concen: 9.961 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL037931.D

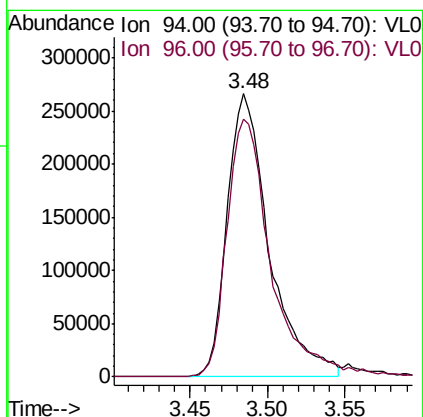
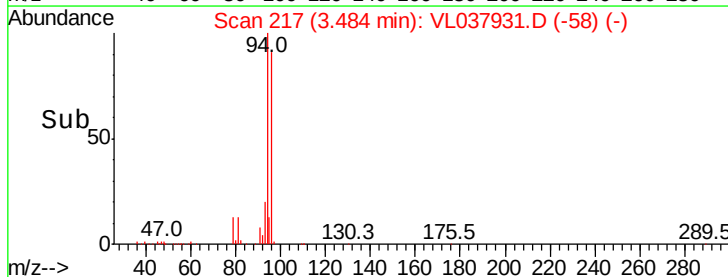
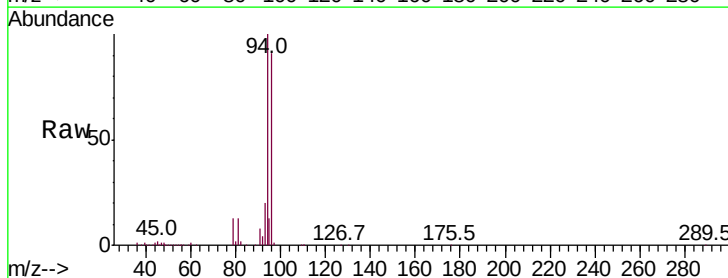
Acq: 28 Oct 2021 00:43

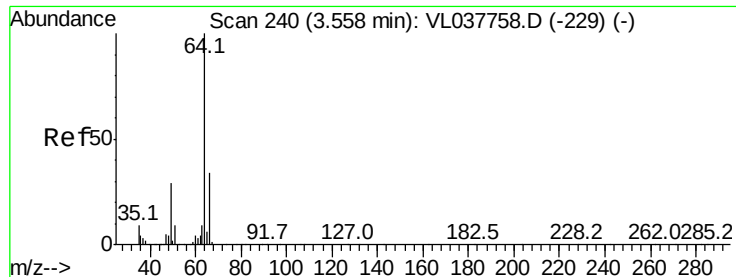
Tgt Ion: 94 Resp: 502011

Ion Ratio Lower Upper

94 100

96 91.2 72.5 108.7





#7

Chloroethane

Concen: 10.478 ppbv

RT: 3.57

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

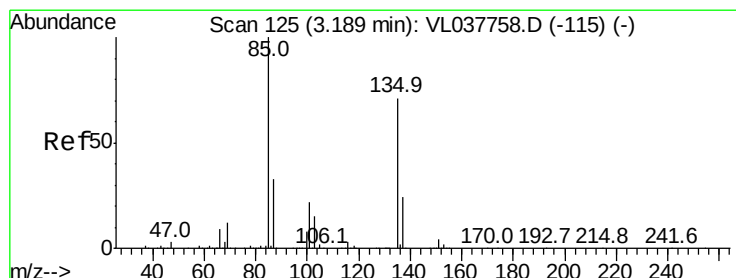
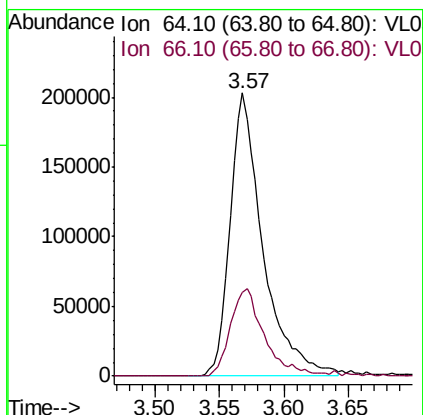
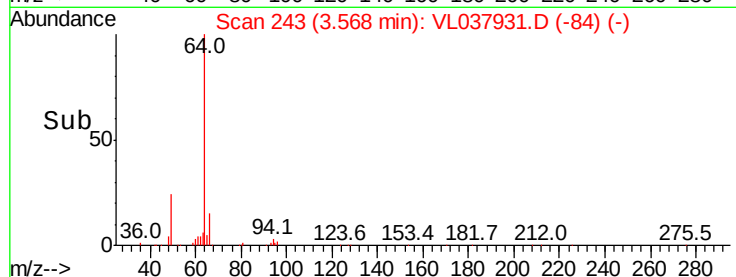
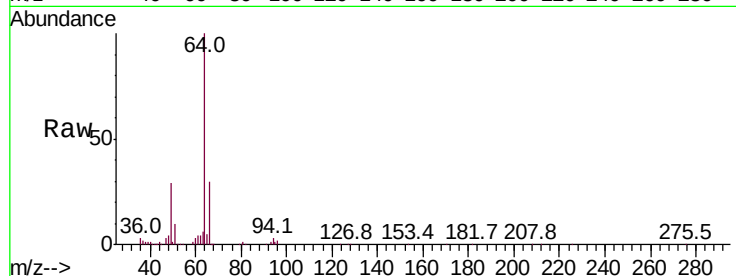
66 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#8

Dichlorotetrafluoroethane

Concen: 9.467 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.01 min

Lab File: VL037931.D

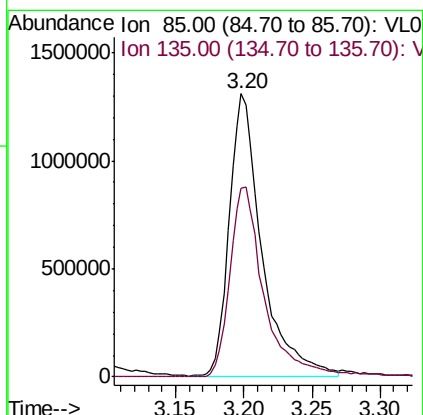
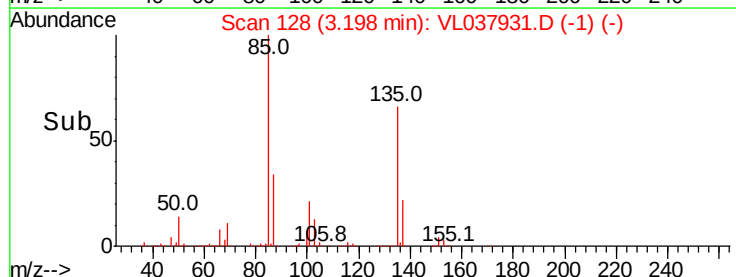
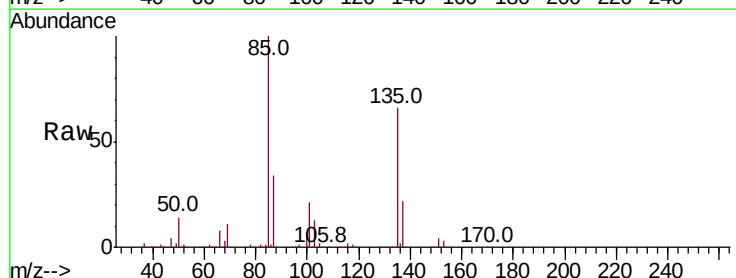
Acq: 28 Oct 2021 00:43

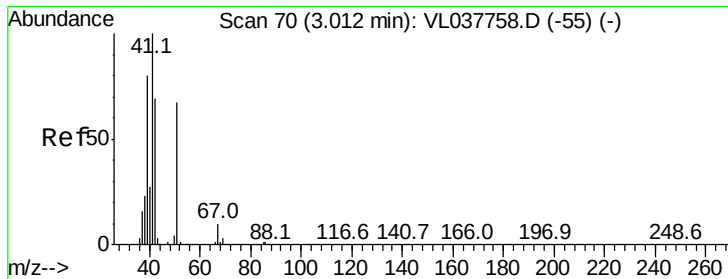
Tgt Ion: 85 Resp: 2158558

Ion Ratio Lower Upper

85 100

135 72.3 59.5 89.3





#9

Propene

Concen: 9.189 ppbv

RT: 3.02

Delta R.T.

Lab File:

Acq: 28 Oct 2021 00:43

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

Tot Ion:

Ion Ratio

41 100

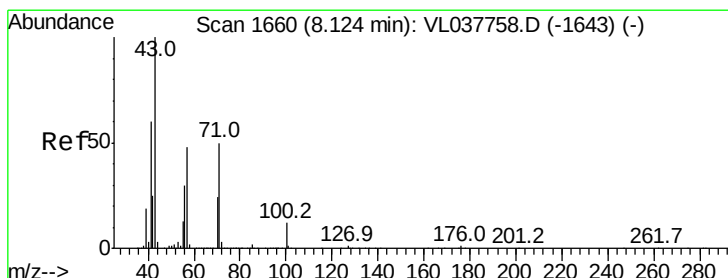
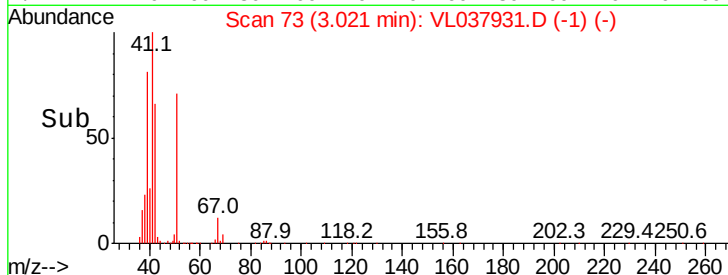
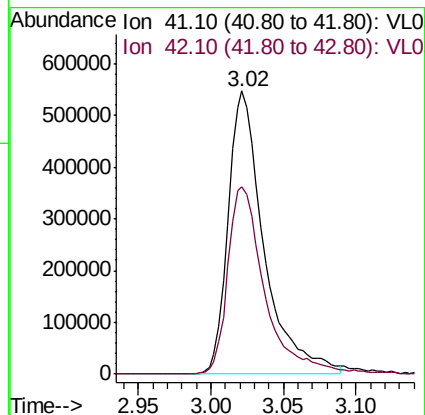
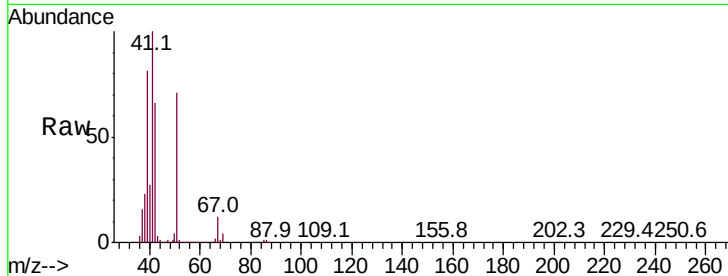
42 69.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#10

Heptane

Concen: 10.293 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VL037931.D

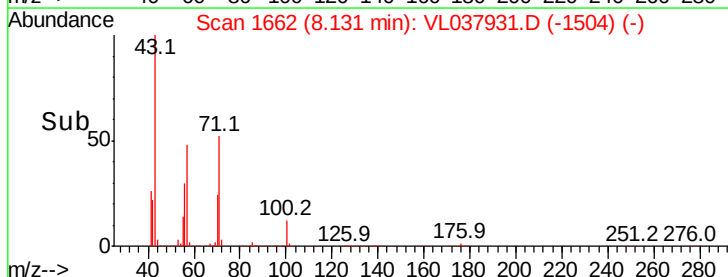
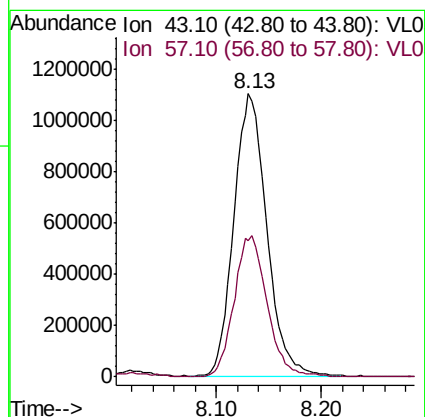
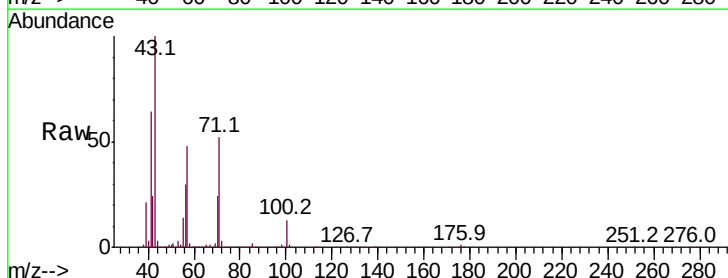
Acq: 28 Oct 2021 00:43

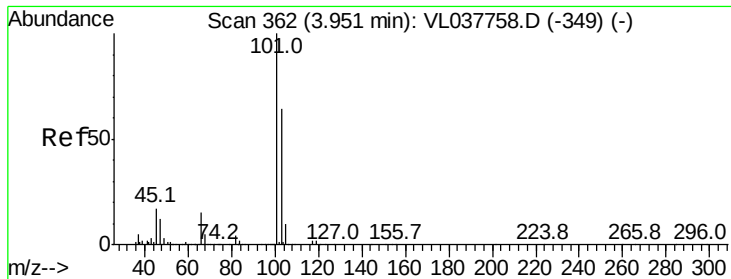
Tgt Ion: 43 Resp: 2386834

Ion Ratio Lower Upper

43 100

57 50.5 40.0 60.0





#11

Trichlorofluoromethane

Concen: 9.774 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:1

Ion Ratio

101 100

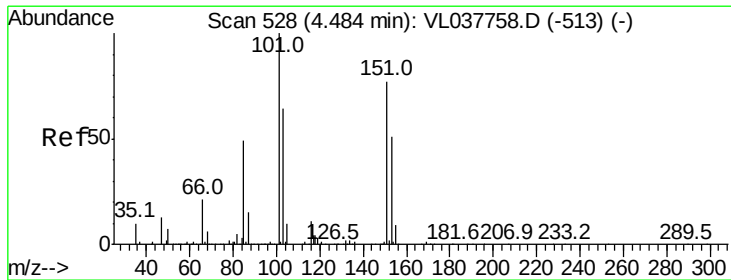
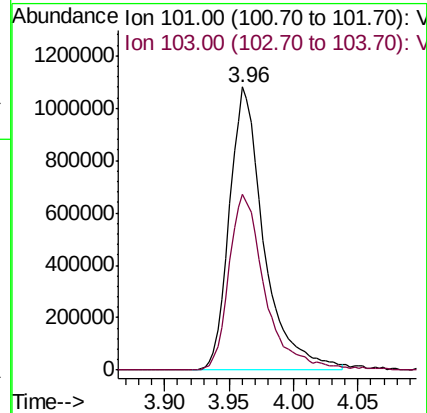
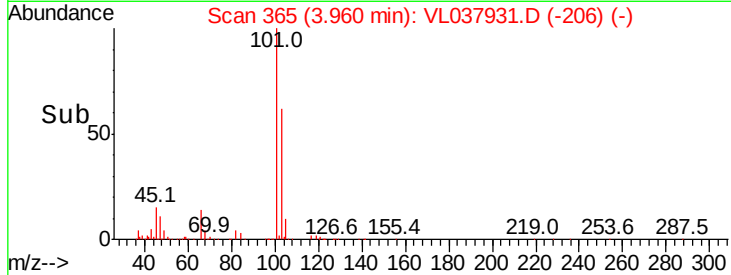
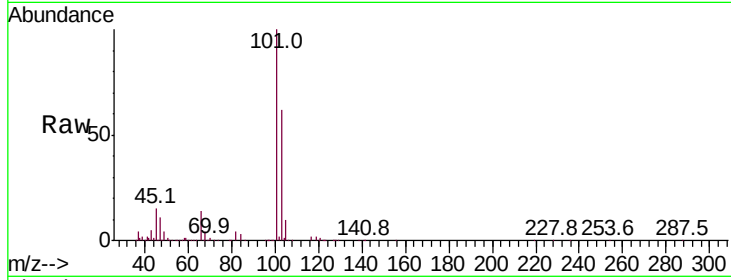
103 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.001 ppbv

RT: 4.49 min Scan# 531

Delta R.T. 0.01 min

Lab File: VL037931.D

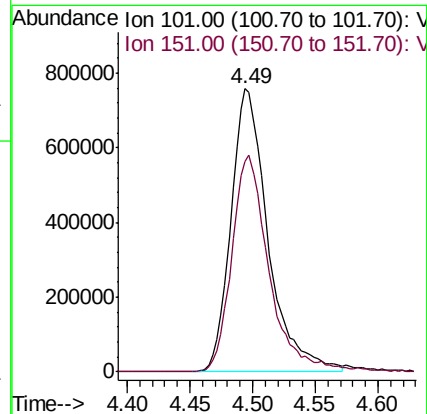
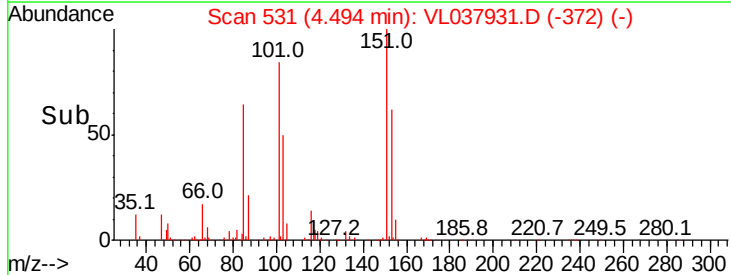
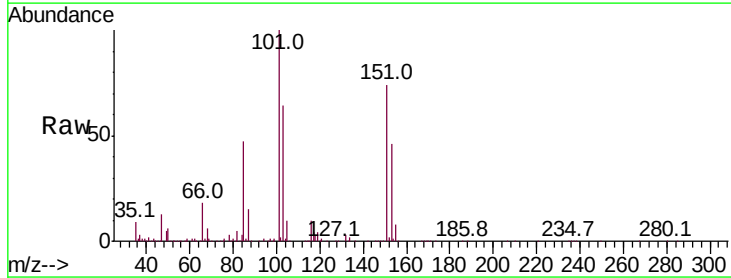
Acq: 28 Oct 2021 00:43

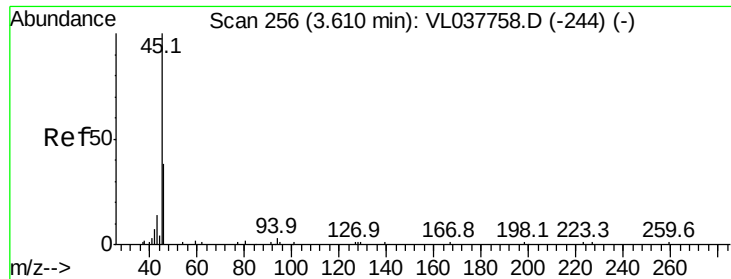
Tgt Ion:101 Resp: 1559521

Ion Ratio Lower Upper

101 100

151 77.3 62.9 94.3



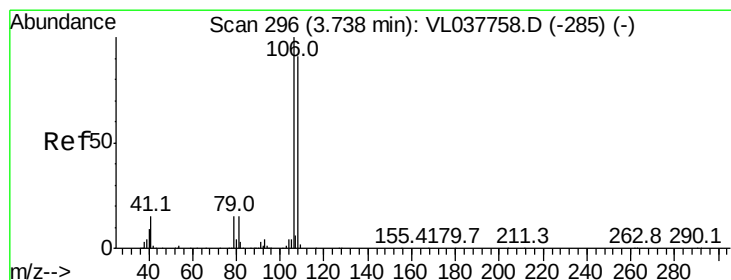
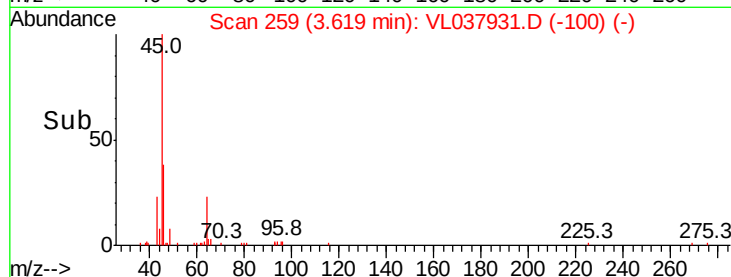
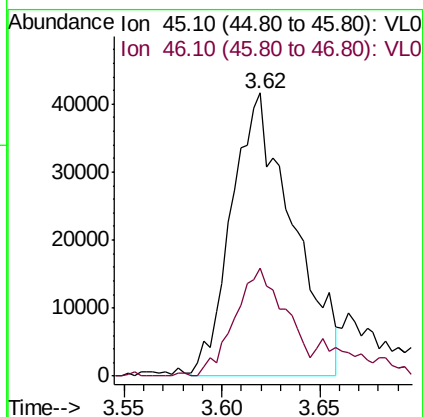
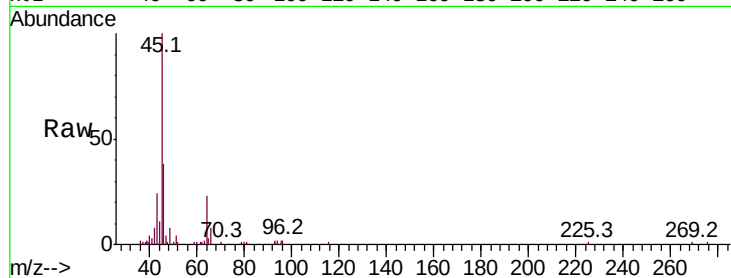


#13
Ethanol
Concen: 10.820 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:
Ion Ratio
45 100
46 45.

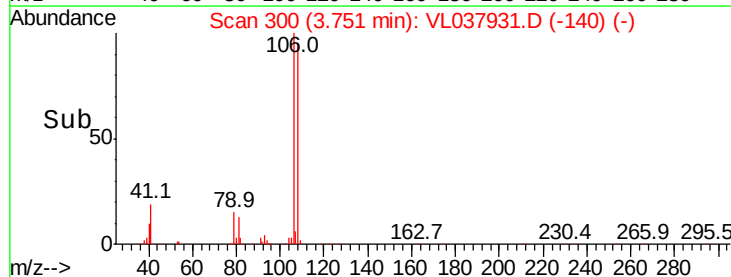
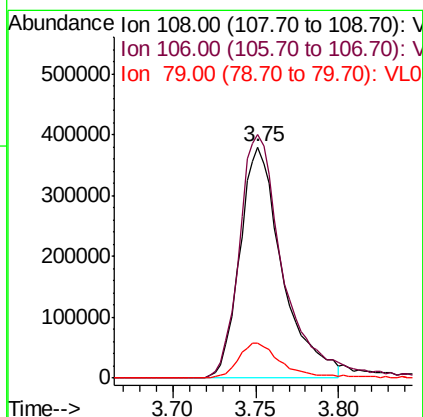
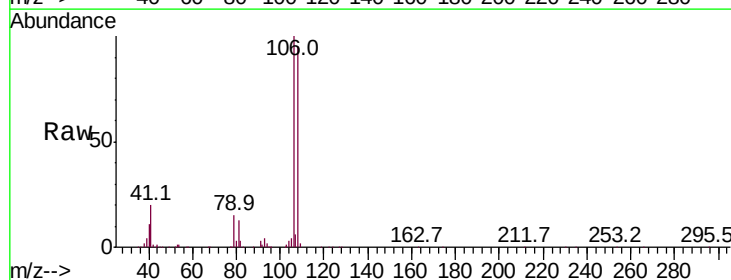
Manual Integrations
APPROVED

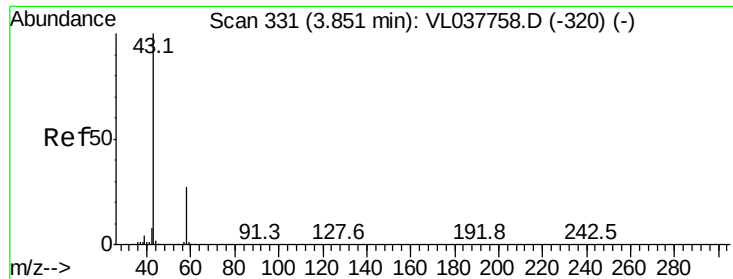
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#14
Bromoethene
Concen: 9.842 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.01 min
Lab File: VL037931.D
Acq: 28 Oct 2021 00:43

Tgt Ion:108 Resp: 674791
Ion Ratio Lower Upper
108 100
106 112.5 91.9 137.9
79 16.5 13.9 20.9



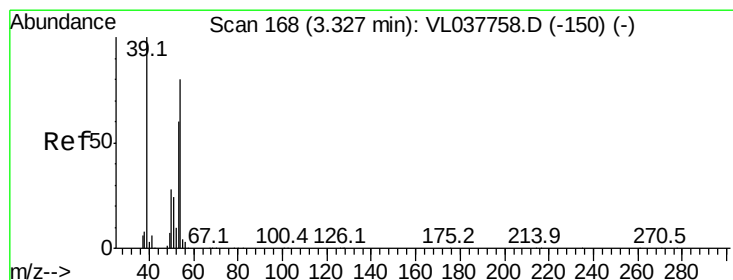
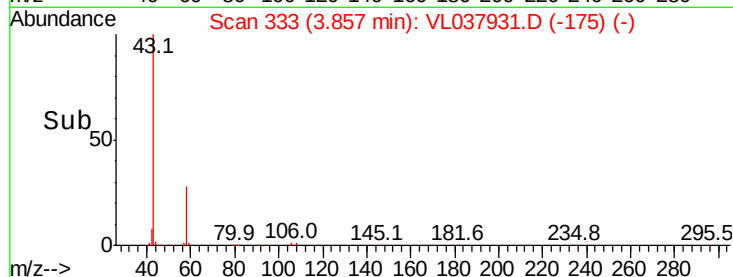
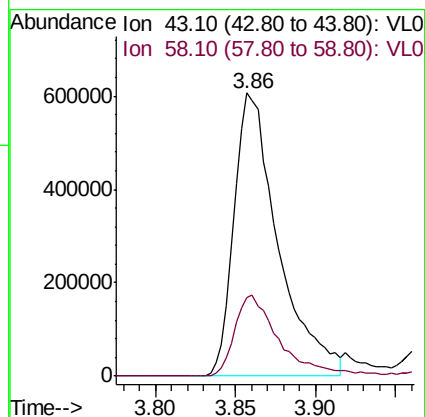
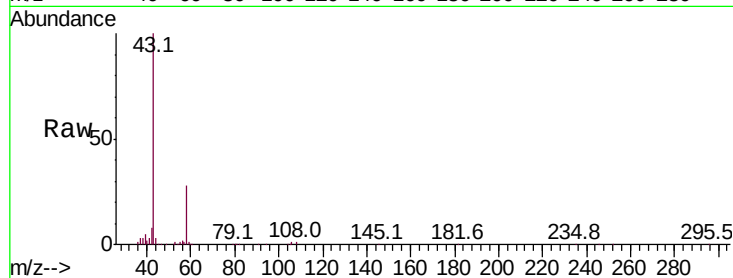


#15
Acetone
Concen: 8.819 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 28 Oct 2021 00:43

Tot Ion:
Ion Ratio
43 100
58 28.

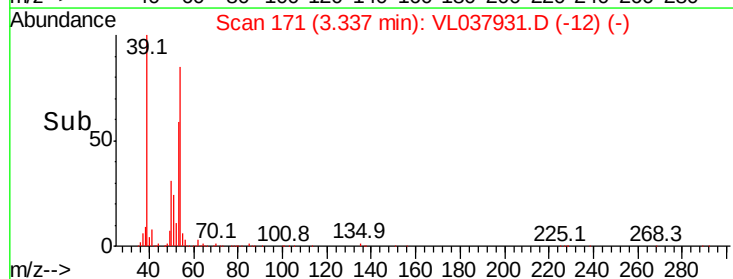
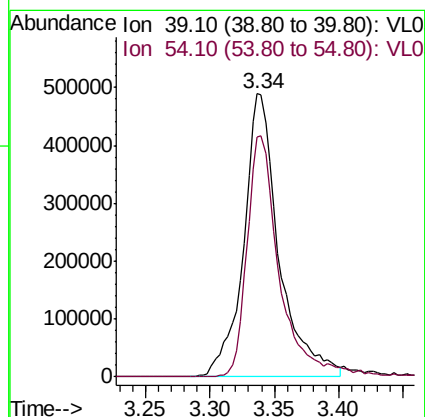
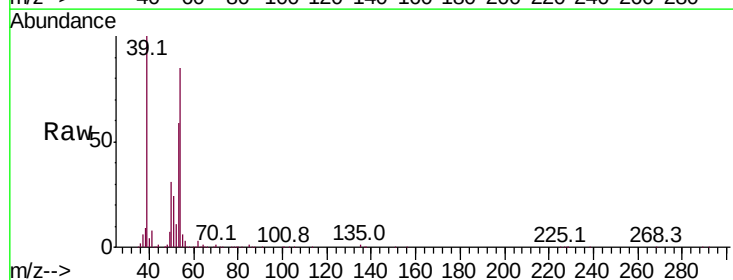
Manual Integrations
APPROVED

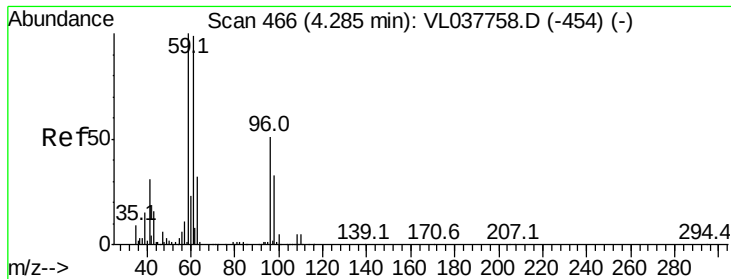
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#16
1,3-Butadiene
Concen: 9.902 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.01 min
Lab File: VL037931.D
Acq: 28 Oct 2021 00:43

Tgt Ion: 39 Resp: 934067
Ion Ratio Lower Upper
39 100
54 79.2 61.7 92.5





#17

tert-Butyl alcohol

Concen: 9.316 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:

Ion Ratio

59 100

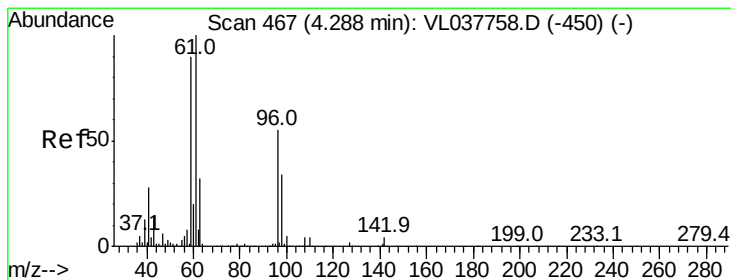
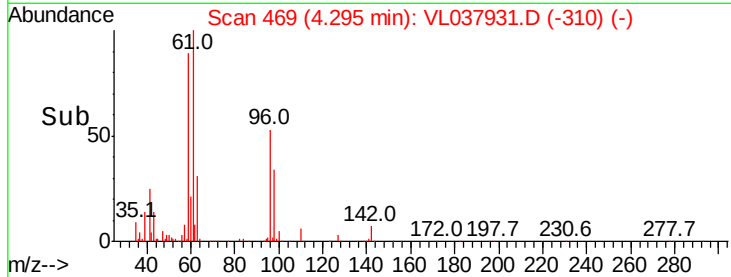
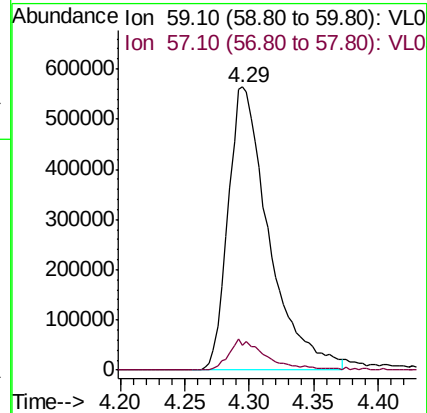
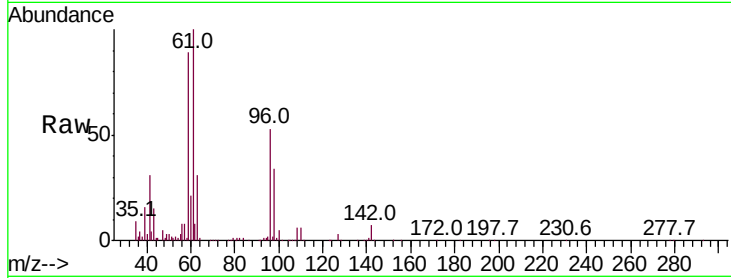
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#18

1,1-Dichloroethene

Concen: 9.902 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.01 min

Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

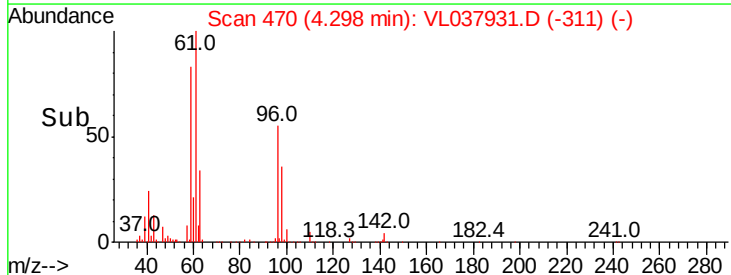
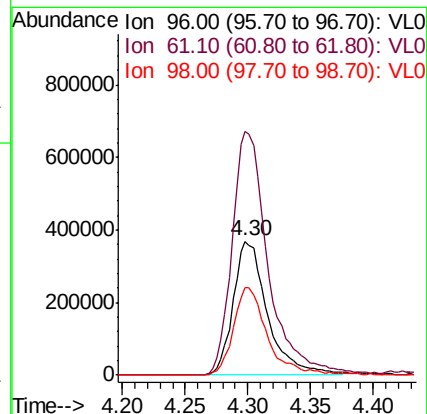
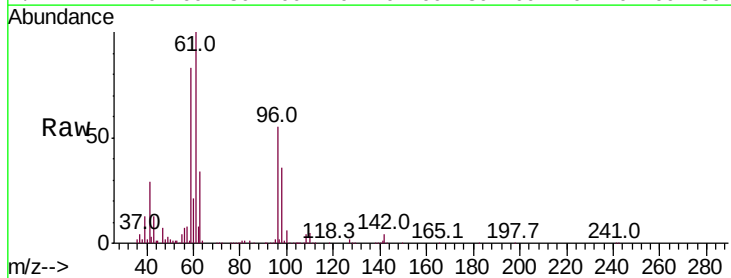
Tgt Ion: 96 Resp: 701715

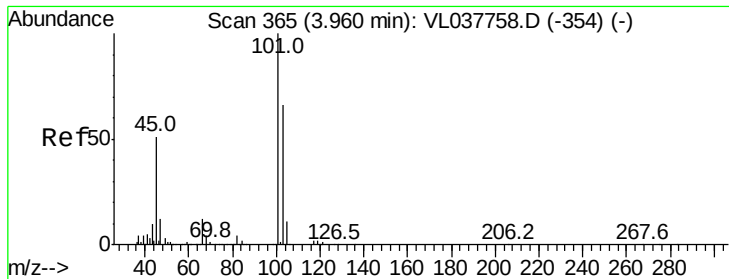
Ion Ratio Lower Upper

96 100

61 181.8 146.2 219.4

98 65.3 50.0 75.0





#19

Isopropyl Alcohol

Concen: 9.422 ppbv

RT: 3.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Oct 2021 00:43

Tot Ion:

Ion Ratio

45 100

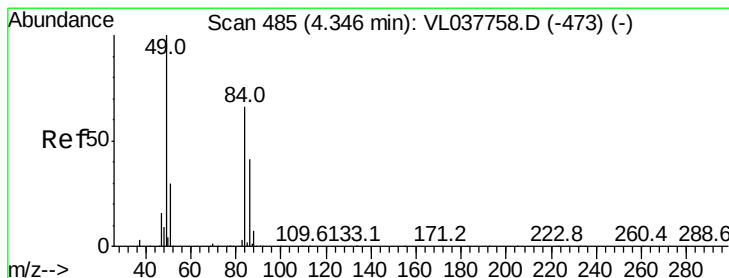
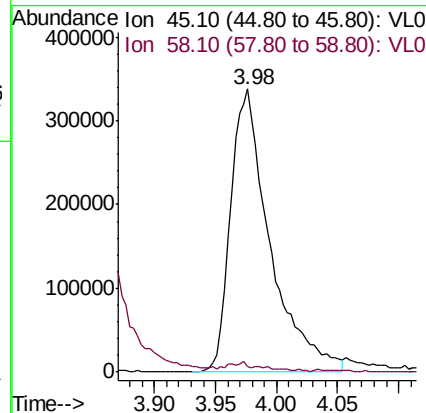
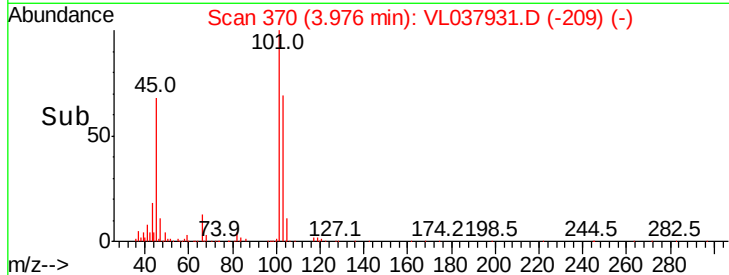
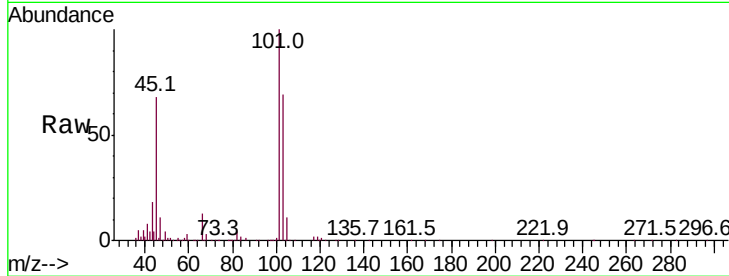
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#20

Methylene Chloride

Concen: 8.886 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

Tgt Ion: 84 Resp: 582053

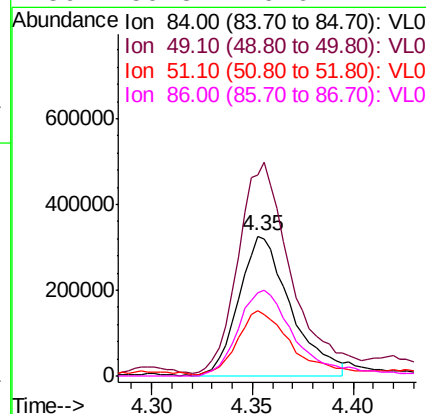
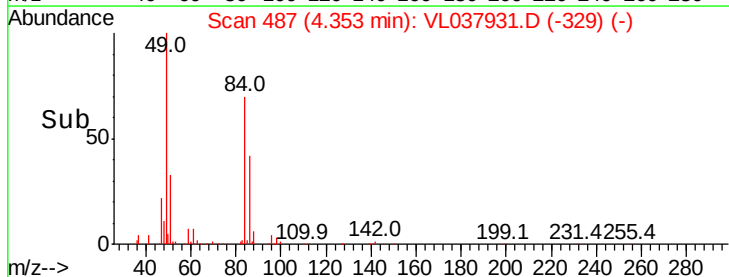
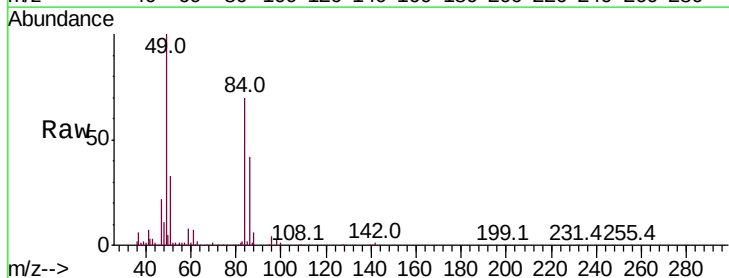
Ion Ratio Lower Upper

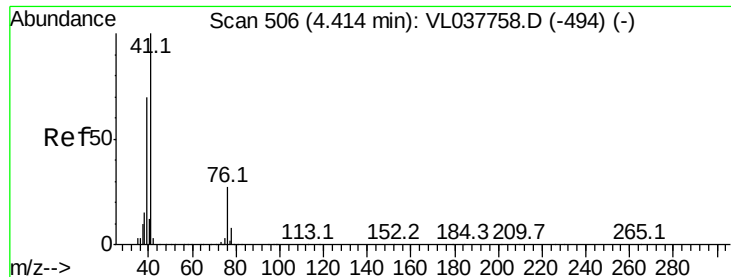
84 100

49 142.4 120.7 181.1

51 45.8 36.2 54.4

86 59.8 49.6 74.4



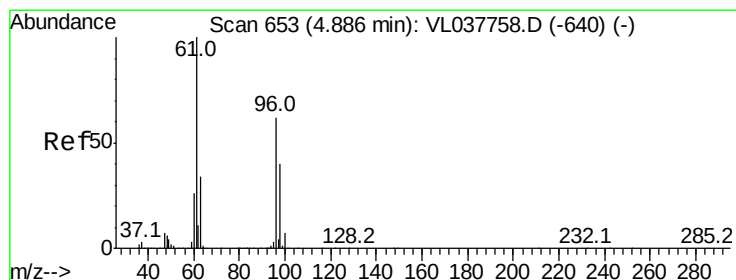
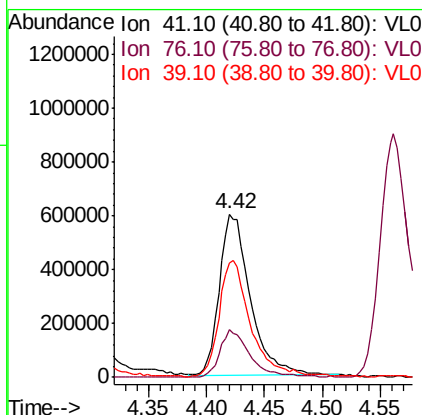
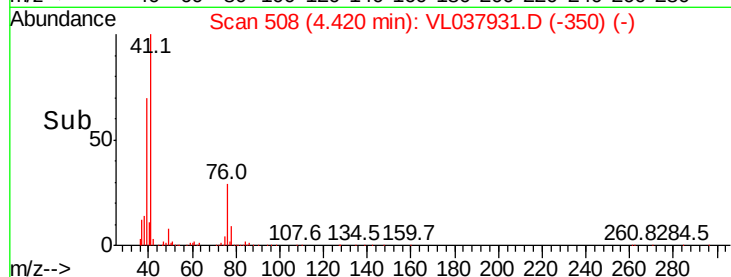
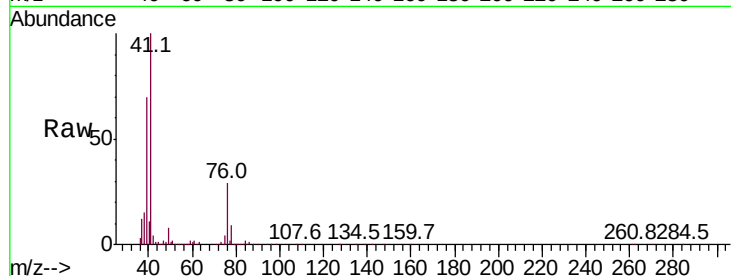


#21
 Allvl Chloride
 Concen: 9.718 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Oct 2021 00:43

Tot Ion:
 Ion Rati
 41 100
 76 28.
 39 72.

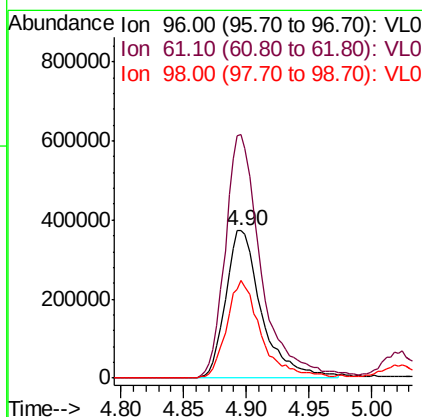
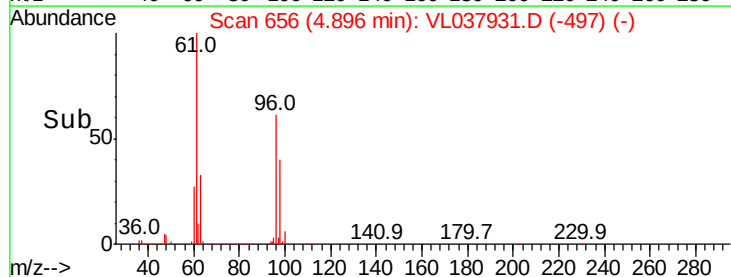
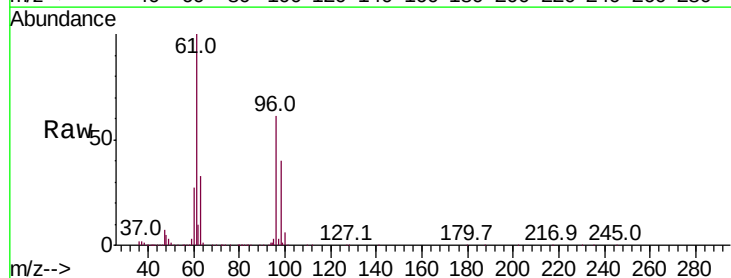
Manual Integrations
 APPROVED

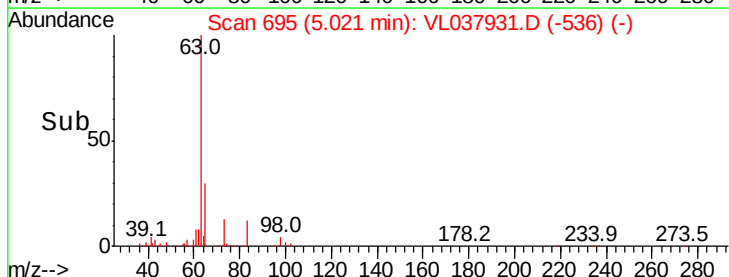
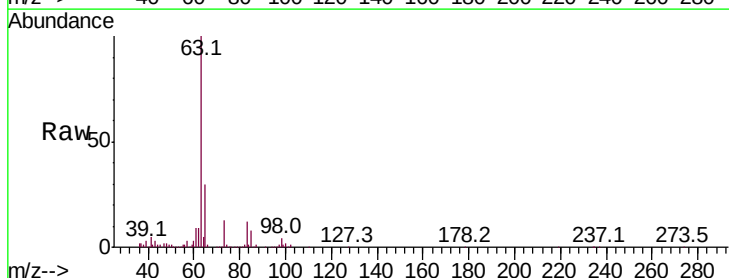
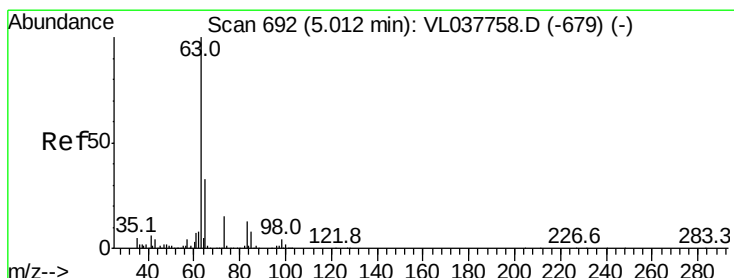
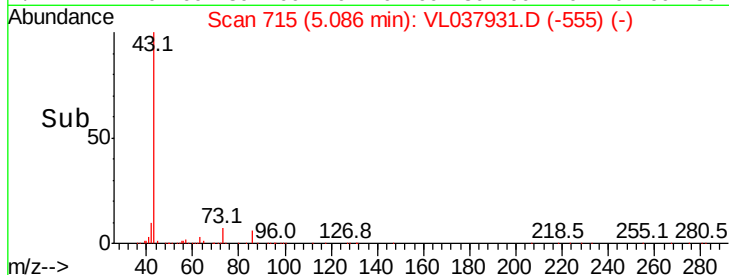
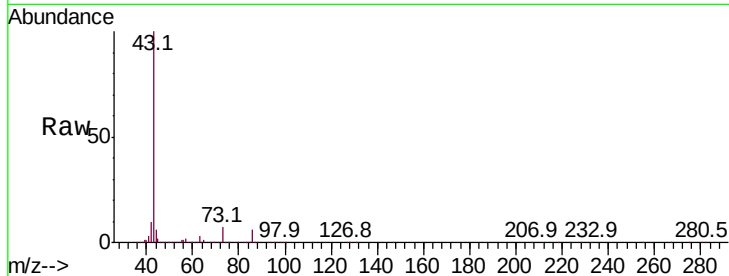
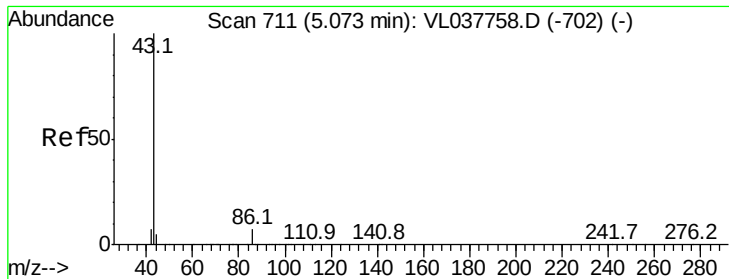
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#22
 trans-1,2-Dichloroethene
 Concen: 10.433 ppbv
 RT: 4.90 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VL037931.D
 Acq: 28 Oct 2021 00:43

Tgt Ion: 96 Resp: 743329
 Ion Ratio Lower Upper
 96 100
 61 164.7 129.0 193.6
 98 65.8 51.7 77.5





#23

Vinyl Acetate

Concen: 9.646 ppbv

RT: 5.09 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:

Ion Ratio

43 100

86 5.

42 9.

44 5.7

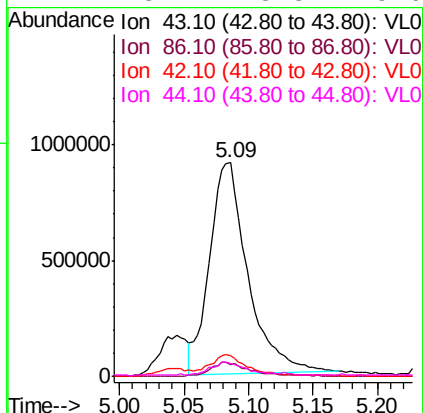
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021

3.8 5.6#



#24

1,1-Dichloroethane

Concen: 10.317 ppbv

RT: 5.02 min Scan# 695

Delta R.T. 0.01 min

Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

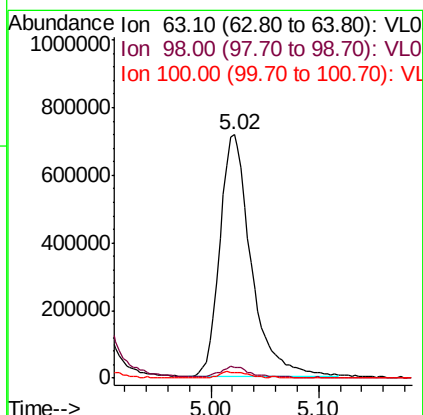
Tgt Ion: 63 Resp: 1459161

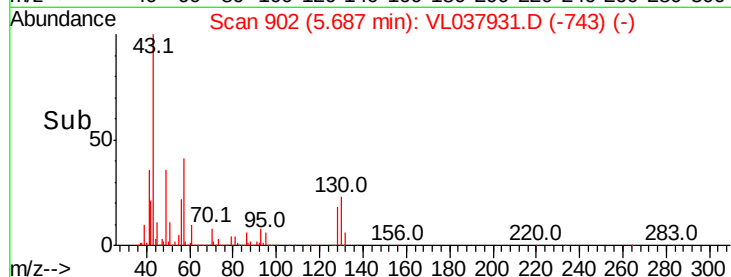
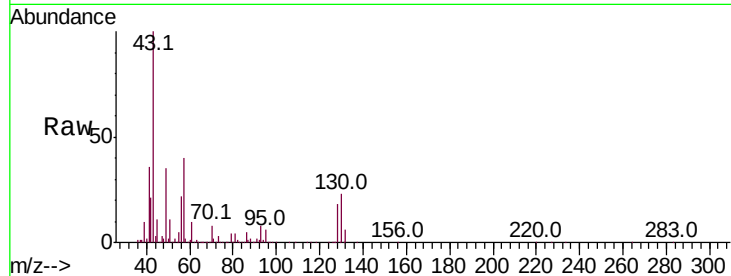
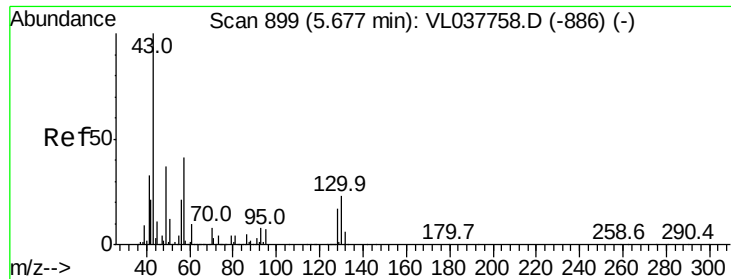
Ion Ratio Lower Upper

63 100

98 4.1 2.3 6.9

100 2.4 1.1 3.1



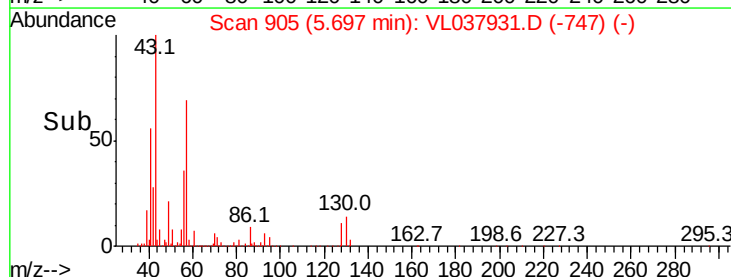
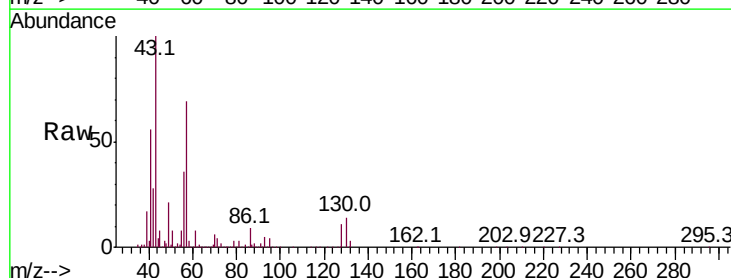
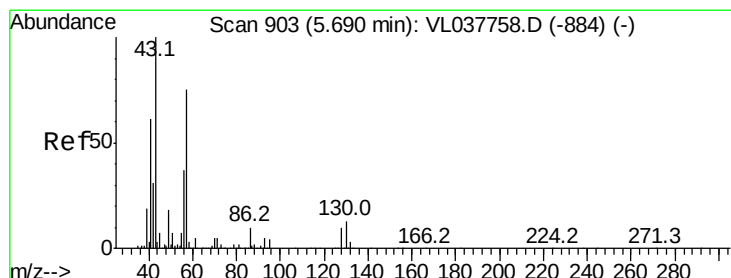
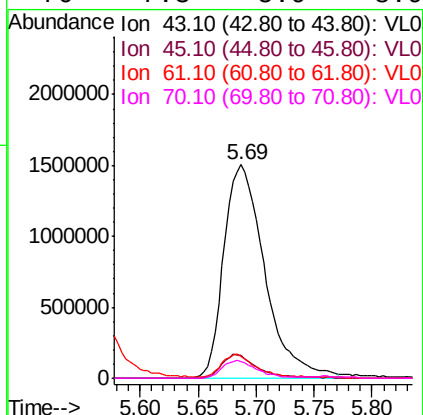


#25
Ethyl Acetate
Concen: 10.111 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 28 Oct 2021 00:43

Tot Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio 43 100
45 9.
61 9.
70 7.3 5.9 8.9

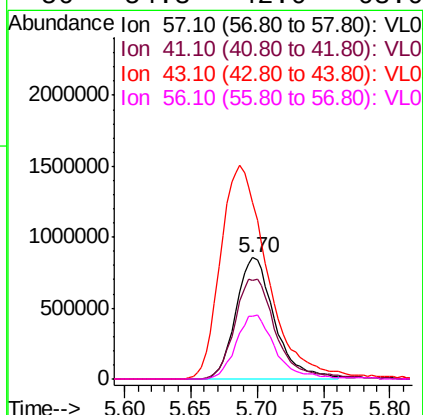
Manual Integrations
APPROVED

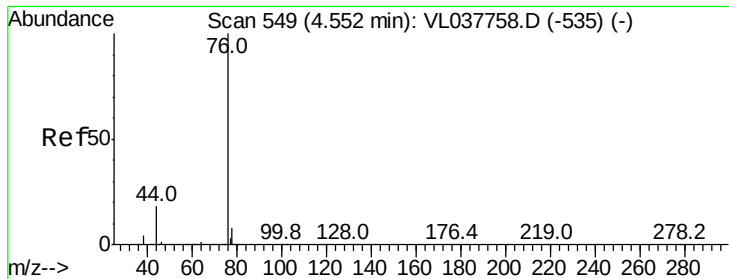
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#26
Hexane
Concen: 9.658 ppbv
RT: 5.70 min Scan# 905
Delta R.T.: 0.01 min
Lab File: VL037931.D
Acq: 28 Oct 2021 00:43

Tgt Ion: 57 Resp: 1730136
Ion Ratio Lower Upper
57 100
41 88.8 69.6 104.4
43 217.0 171.4 257.0
56 54.3 42.0 63.0





#27

Carbon Disulfide

Concen: 11.151 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 28 Oct 2021 00:43

Tot Ion:

Ion Ratio

76 100

44 16.

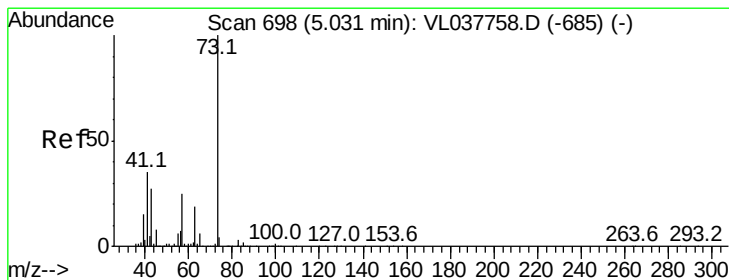
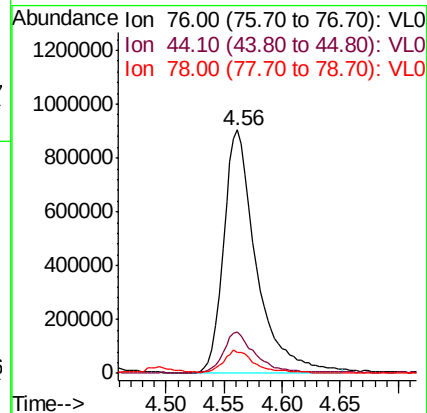
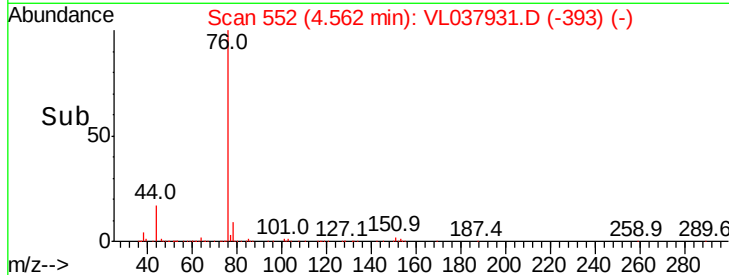
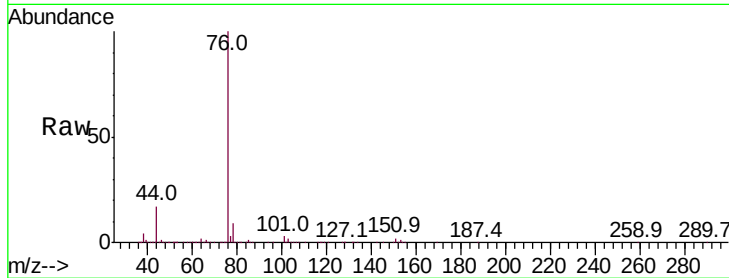
78 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#28

Methyl tert-Butyl Ether

Concen: 9.209 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.01 min

Lab File: VL037931.D

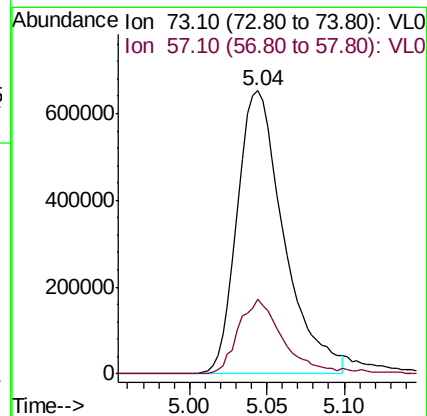
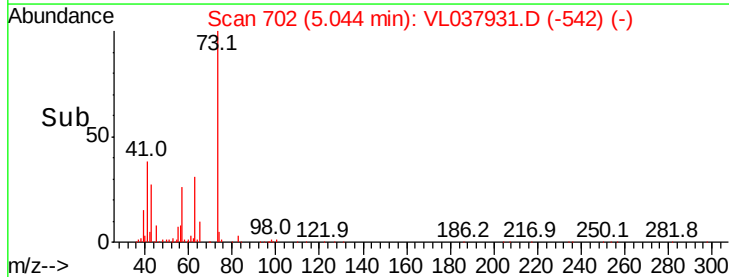
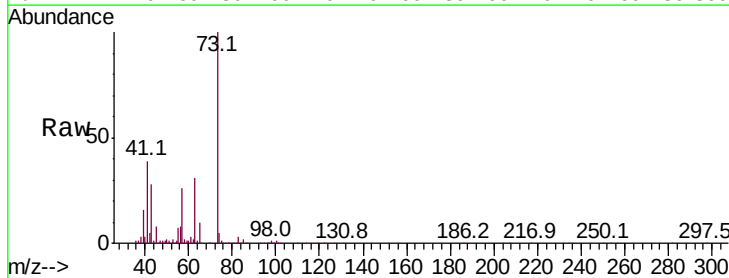
Acq: 28 Oct 2021 00:43

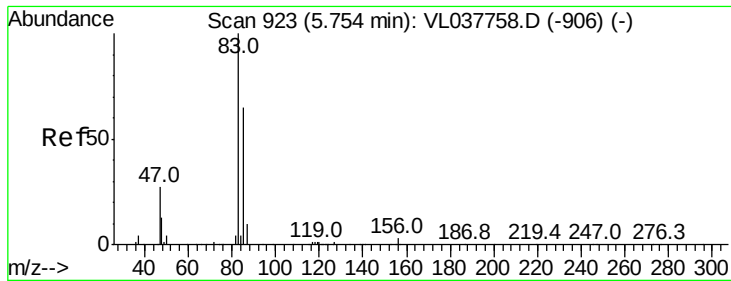
Tgt Ion: 73 Resp: 1373527

Ion Ratio Lower Upper

73 100

57 26.1 20.4 30.6



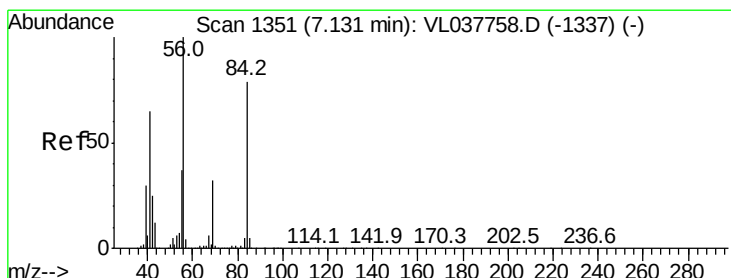
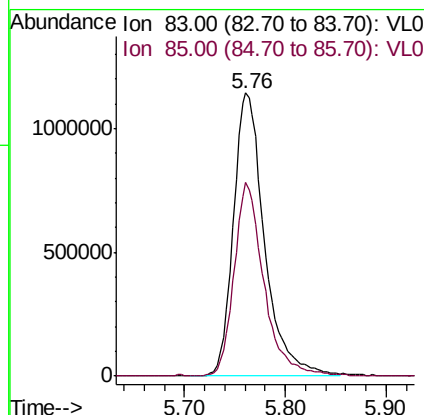
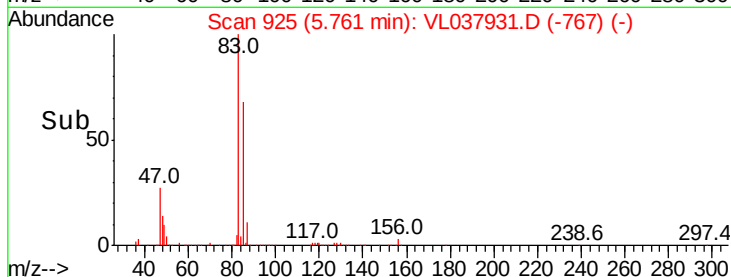
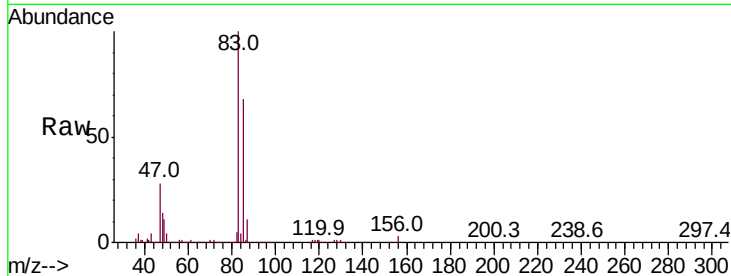


#29
Chloroform
Concen: 9.575 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:
Ion Ratio
83 100
85 68.

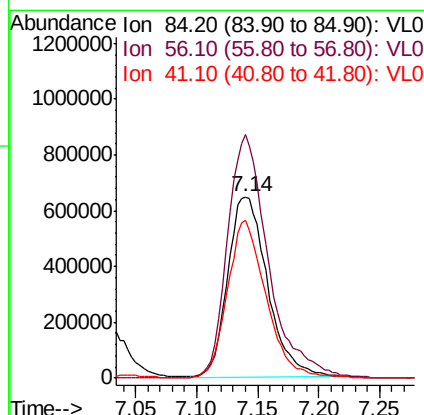
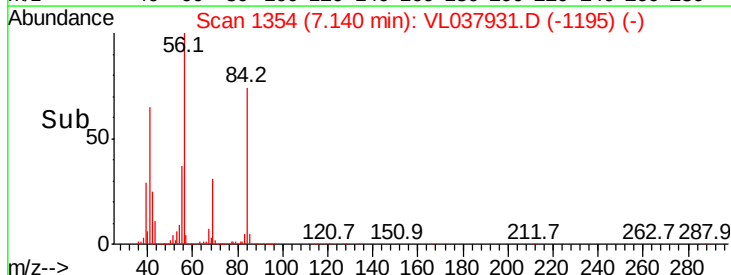
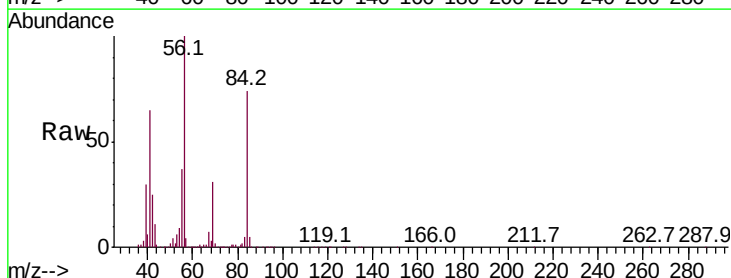
Manual Integrations
APPROVED

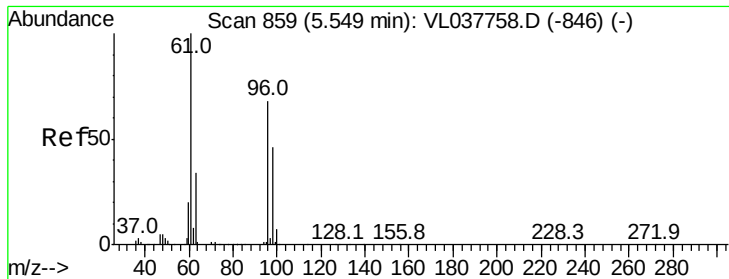
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#30
Cyclohexane
Concen: 9.689 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VL037931.D
Acq: 28 Oct 2021 00:43

Tgt Ion: 84 Resp: 1471843
Ion Ratio Lower Upper
84 100
56 139.1 113.0 169.4
41 85.4 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 9.805 ppbv

RT: 5.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 28 Oct 2021 00:43

Tot Ion:

Ion Ratio

61 100

96 71.

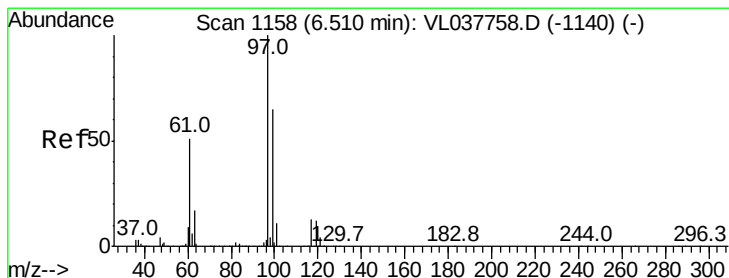
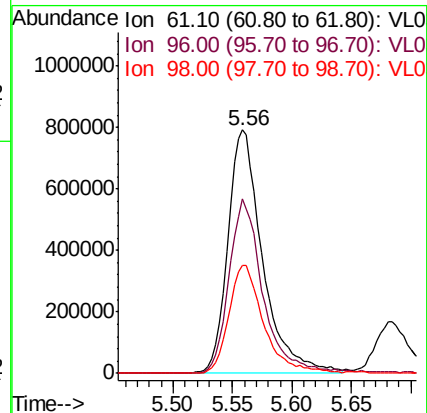
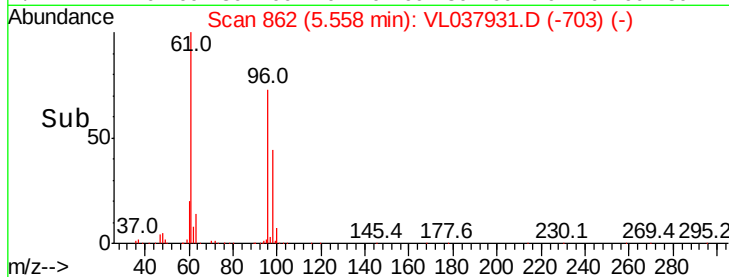
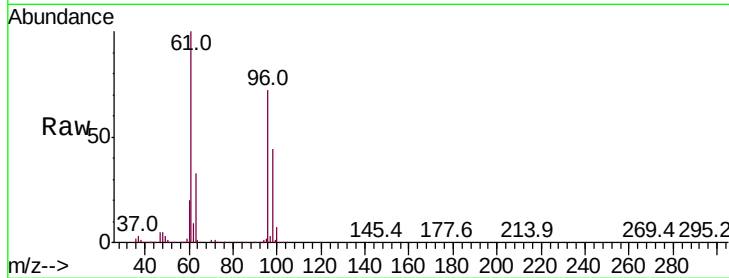
98 44.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#32

1,1,1-Trichloroethane

Concen: 9.533 ppbv

RT: 6.52 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

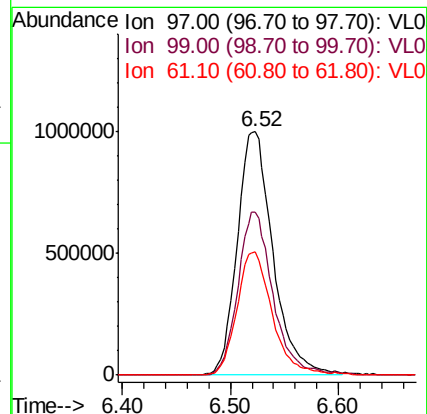
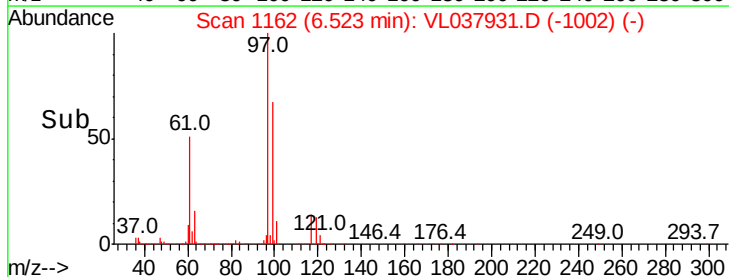
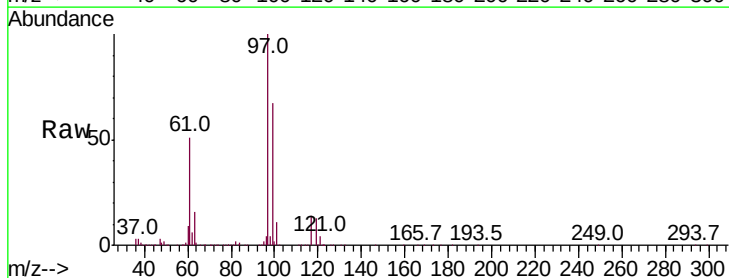
Tgt Ion: 97 Resp: 2314207

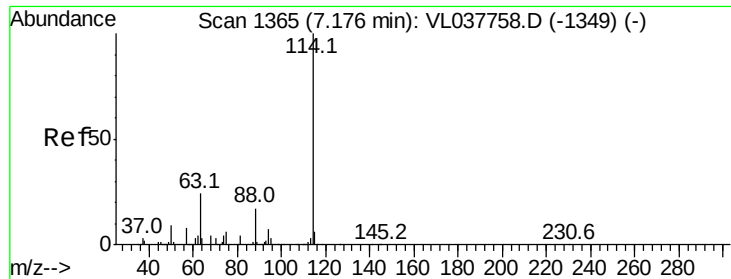
Ion Ratio Lower Upper

97 100

99 65.8 52.6 78.8

61 50.0 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19

Instrument: MSVOA_L

Delta R.T.:

ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 28 Oct 2021 00:43

Tot Ion:1

Ion Rati

114 100

63 24.

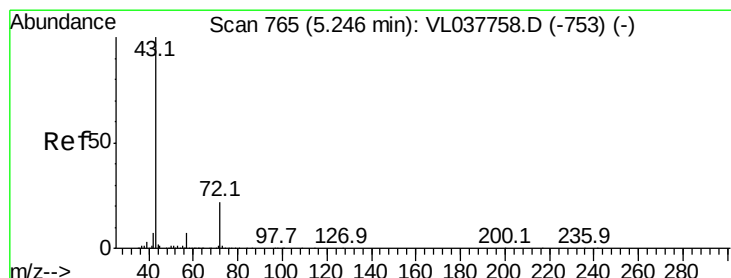
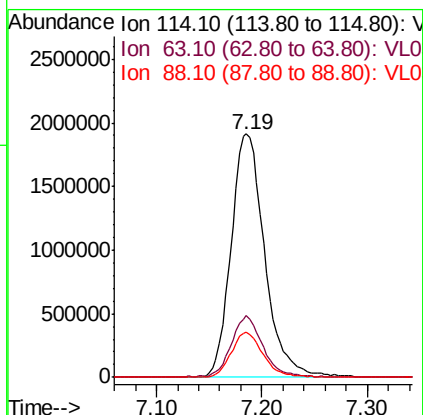
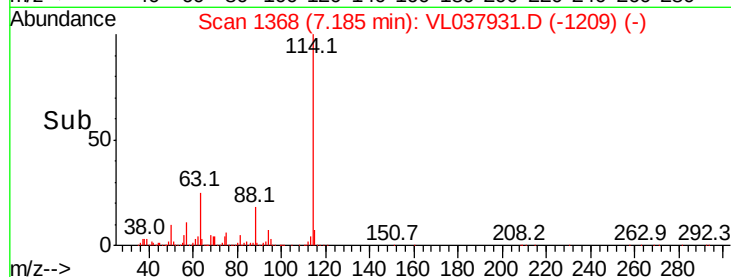
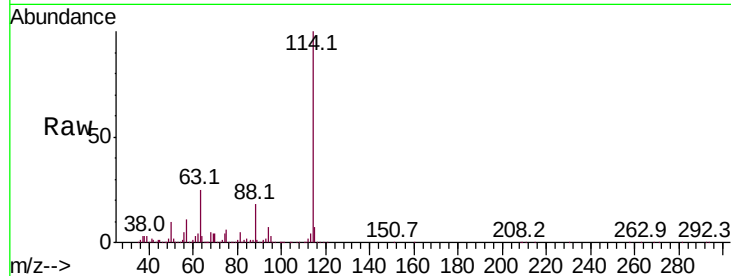
88 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#34

2-Butanone

Concen: 9.639 ppbv

RT: 5.25 min Scan# 767

Delta R.T. 0.01 min

Lab File: VL037931.D

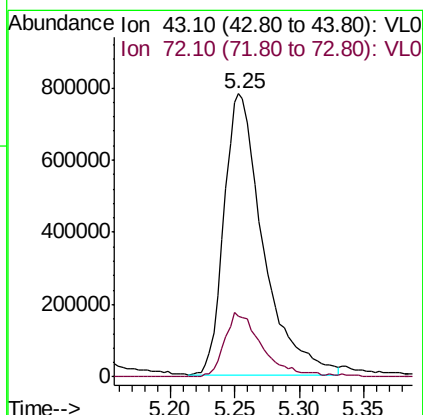
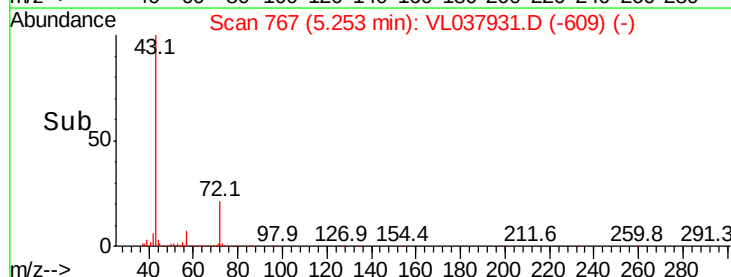
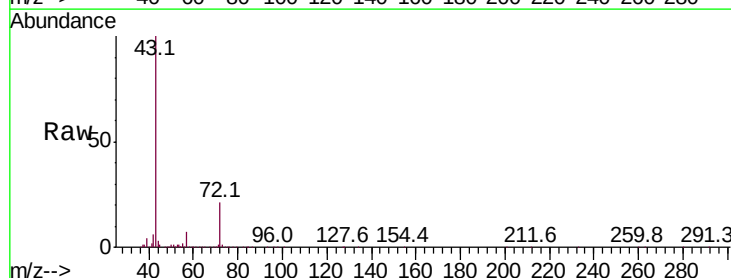
Acq: 28 Oct 2021 00:43

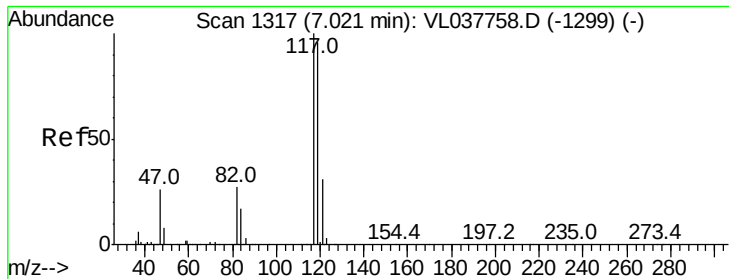
Tgt Ion: 43 Resp: 1639912

Ion Ratio Lower Upper

43 100

72 22.7 18.2 27.2





#35

Carbon Tetrachloride

Concen: 10.008 ppbv

RT: 7.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:1

Ion Rati

117 100

119 96.

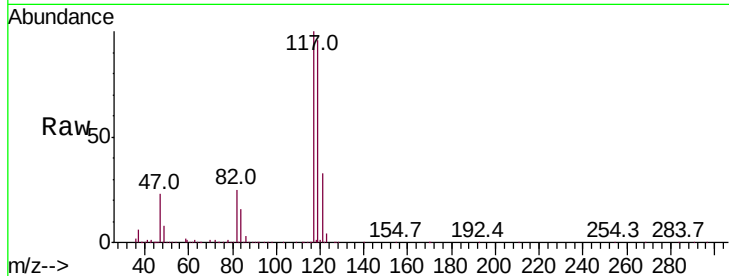
121 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

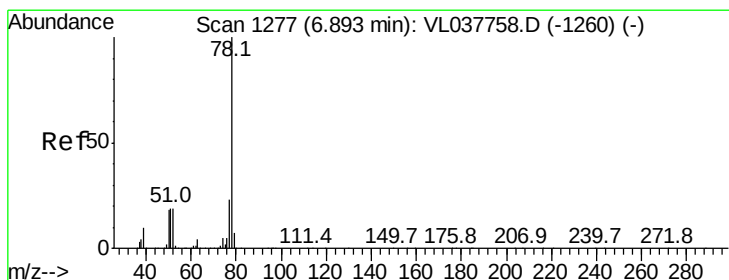
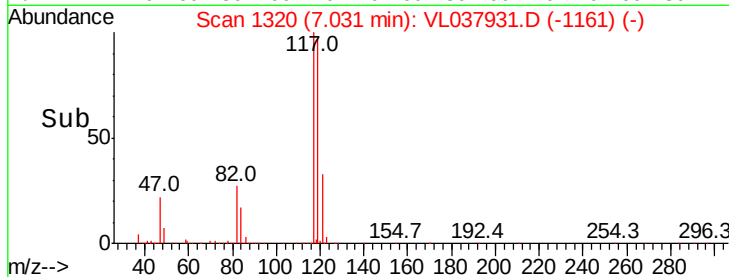
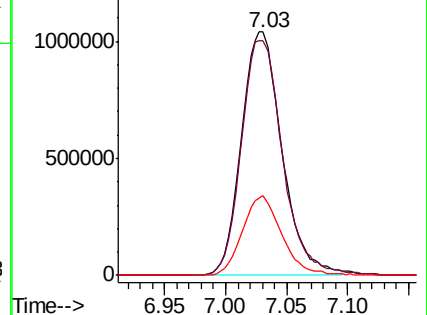
Supervised By :Mahesh Dadoda 10/29/2021



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.974 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. 0.01 min

Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

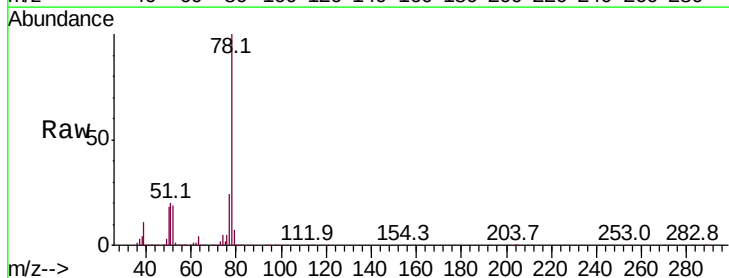
Tgt Ion: 78 Resp: 3590158

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

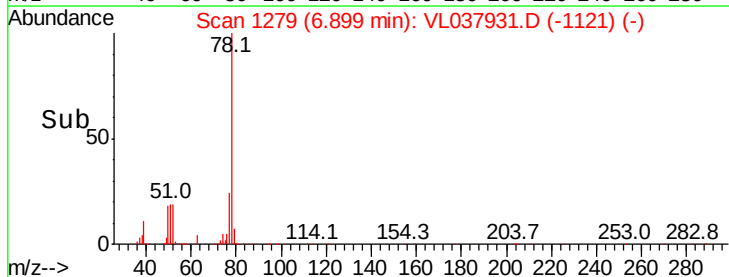
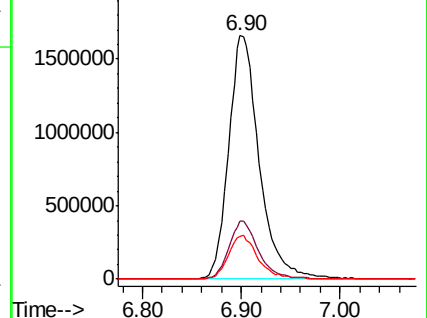
50 17.7 14.7 22.1

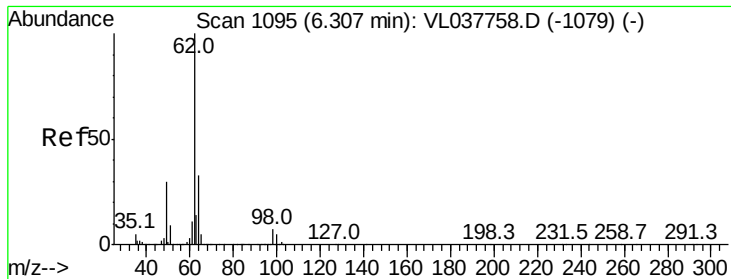


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 9.970 ppbv

RT: 6.32

Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 28 Oct 2021 00:43

Tot Ion:

Ion Ratio

62 100

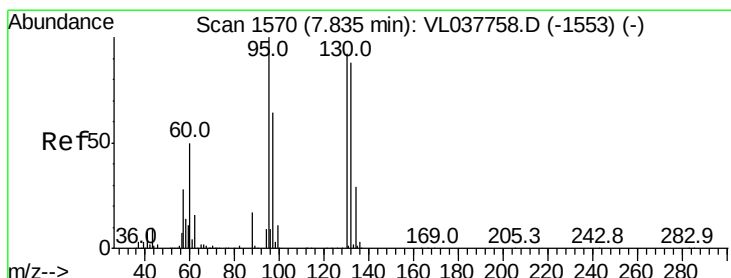
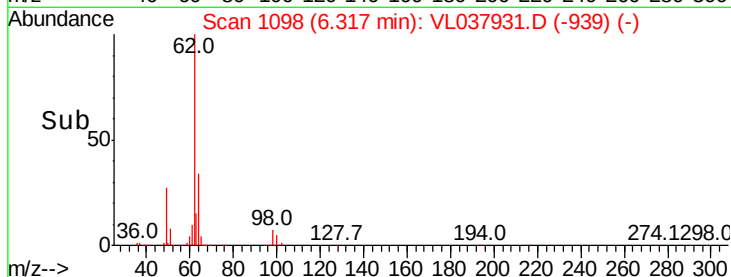
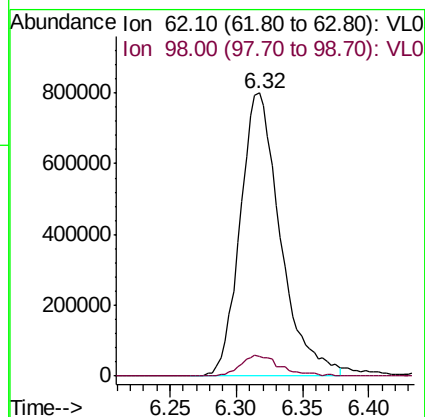
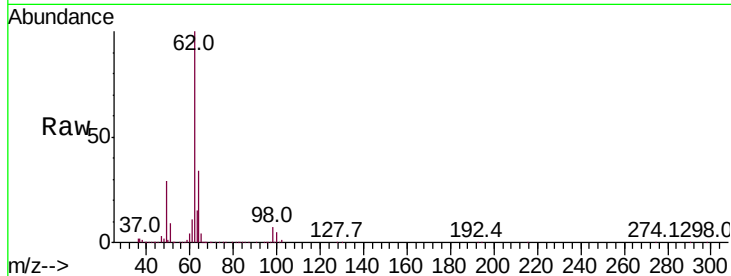
98 7.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#38

Trichloroethene

Concen: 9.982 ppbv

RT: 7.85 min Scan# 1574

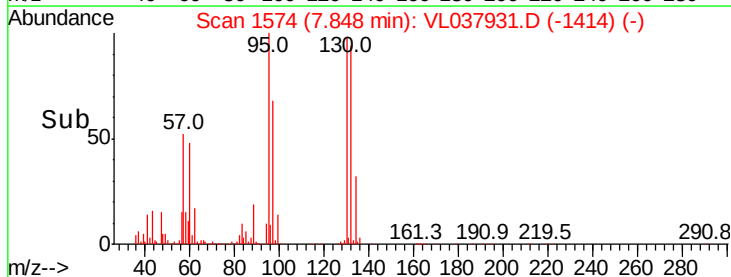
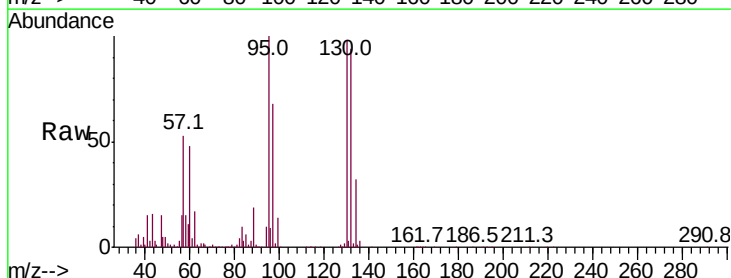
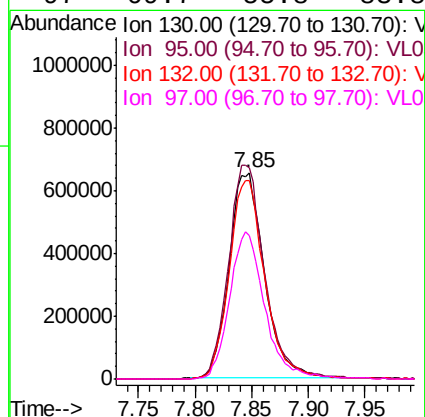
Delta R.T. 0.01 min

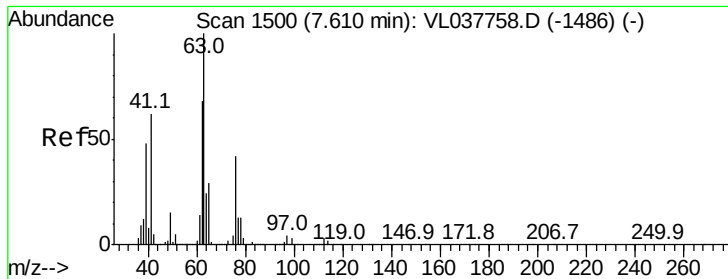
Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

Tgt Ion:130 Resp: 1419443

Ion	Ratio	Lower	Upper
130	100		
95	102.7	87.4	131.0
132	96.1	76.8	115.2
97	69.7	55.8	83.8



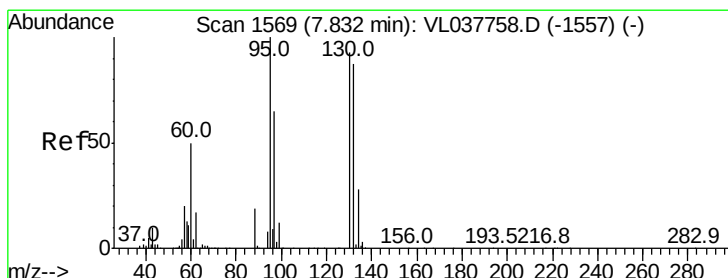
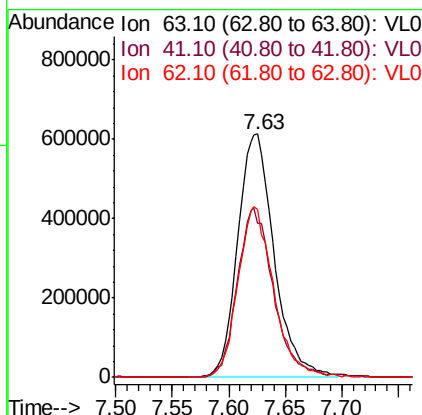
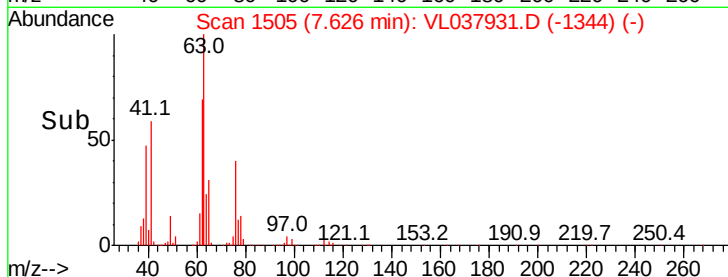
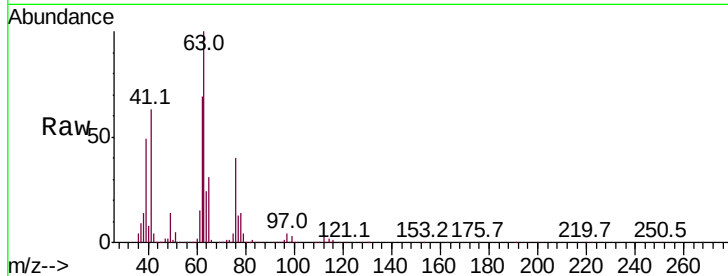


#39
 1,2-Dichloropropane
 Concen: 10.162 ppbv
 RT: 7.63
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Oct 2021 00:43

Tot Ion:
 Ion Ratio
 63 100
 41 63.
 62 68.

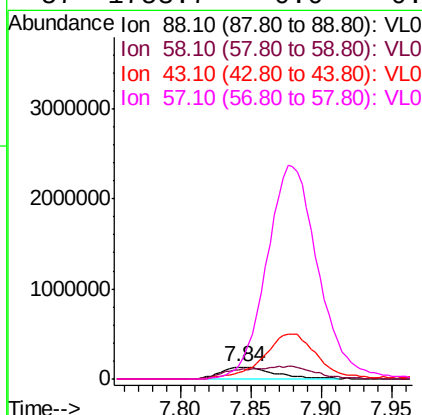
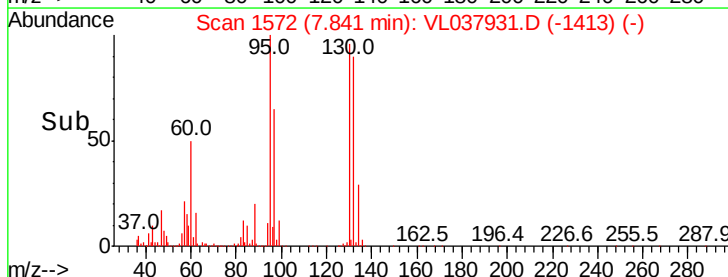
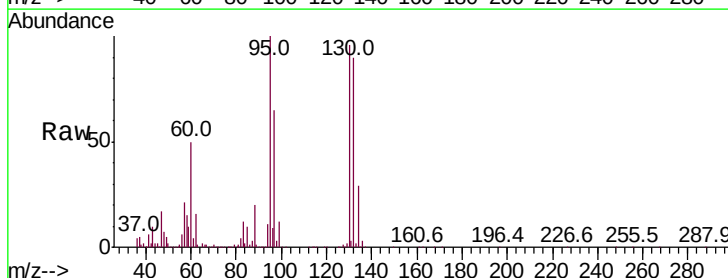
Manual Integrations
 APPROVED

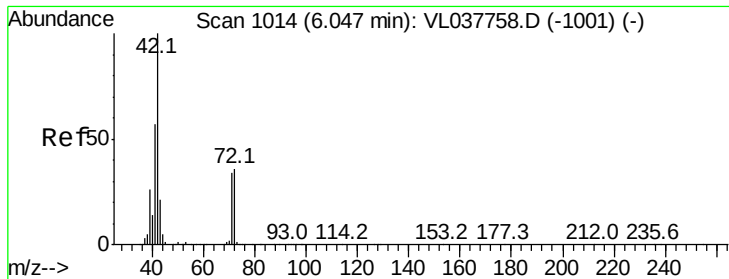
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#40
 1,4-Dioxane
 Concen: 10.193 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL037931.D
 Acq: 28 Oct 2021 00:43

Tgt Ion: 88 Resp: 345339
 Ion Ratio Lower Upper
 88 100
 58 159.7 0.0 0.0#
 43 392.6 0.0 0.0#
 57 1753.7 0.0 0.0#



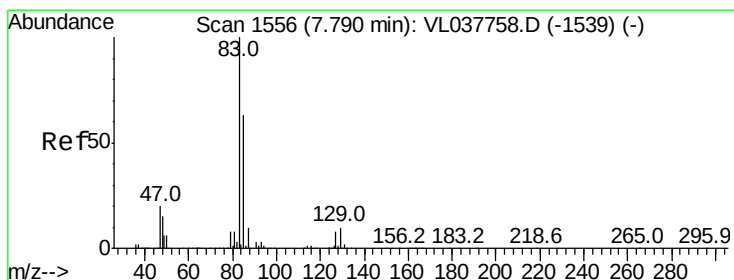
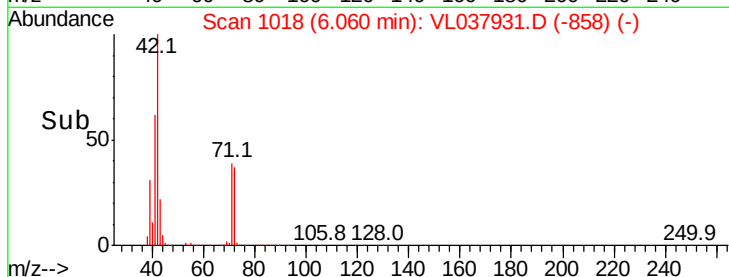
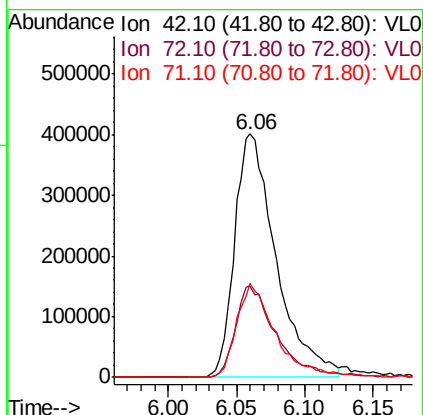
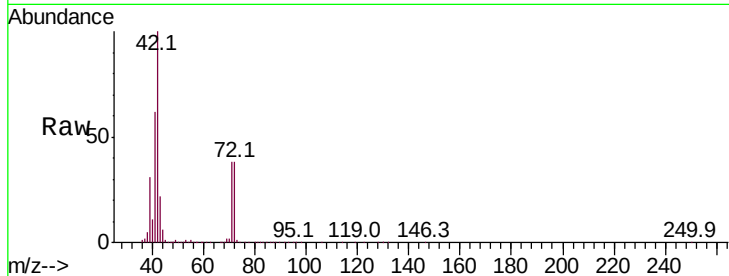


#41
Tetrahydrofuran
Concen: 10.150 ppbv
RT: 6.06
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 28 Oct 2021 00:43
VSTDCCC010EC

Tot Ion:
Ion Ratio
42 100
72 37.
71 37.

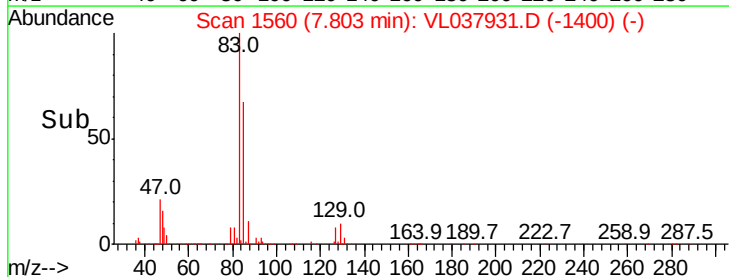
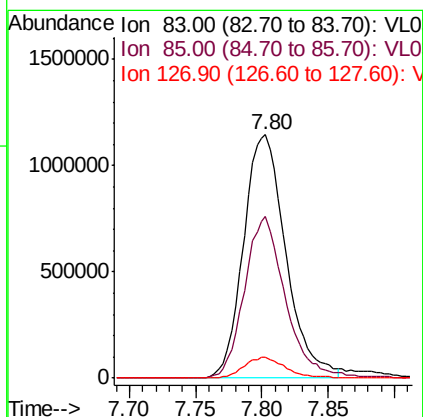
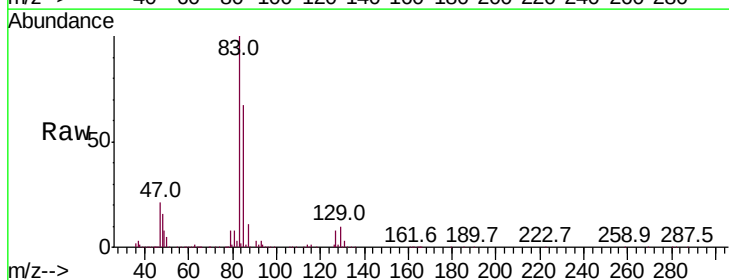
Manual Integrations
APPROVED

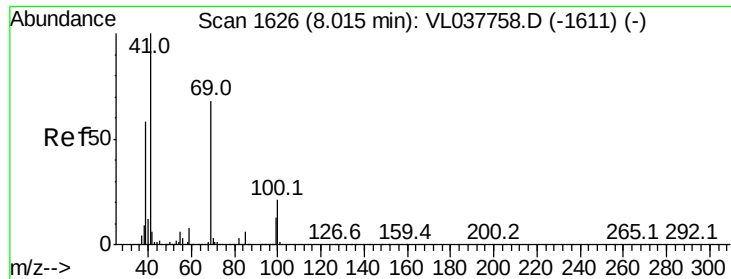
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#42
Bromodichloromethane
Concen: 10.236 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VL037931.D
Acq: 28 Oct 2021 00:43

Tgt Ion: 83 Resp: 2548431
Ion Ratio Lower Upper
83 100
85 66.6 50.6 75.8
127 8.4 6.2 9.4





#43

Methyl Methacrylate

Concen: 10.674 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId : VSTDCCC010EC

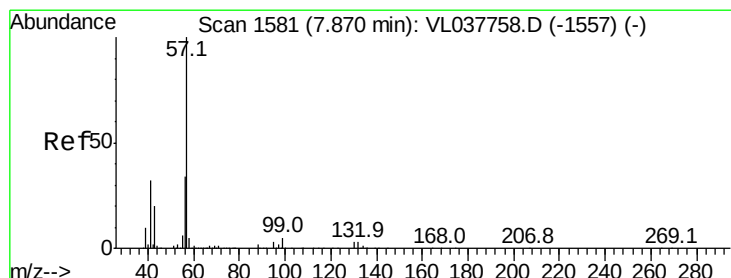
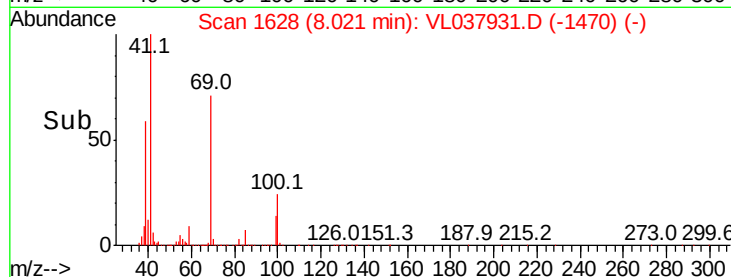
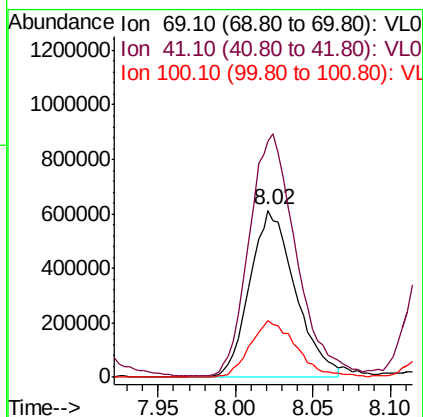
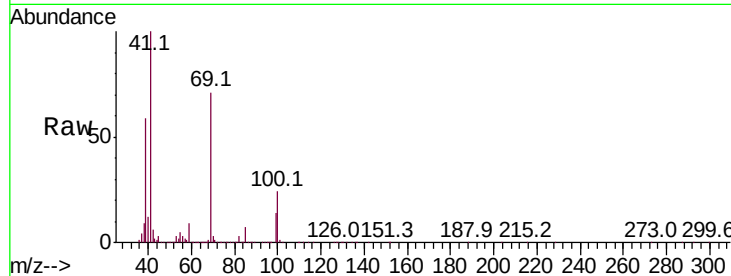
Acq: 28 Oct 2021 00:43

Tot Ion:

Ion	Ratio
69	100
41	151.
100	34.

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 10/28/2021
Supervised By : Mahesh Dadoda 10/29/2021



#44

2,2,4-Trimethylpentane

Concen: 10.014 ppbv

RT: 7.88 min Scan# 1583

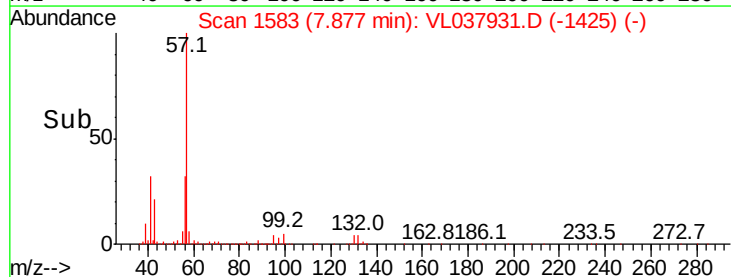
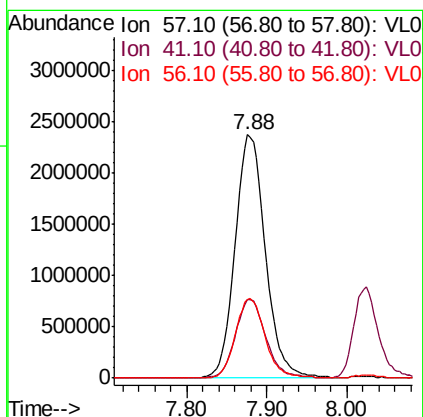
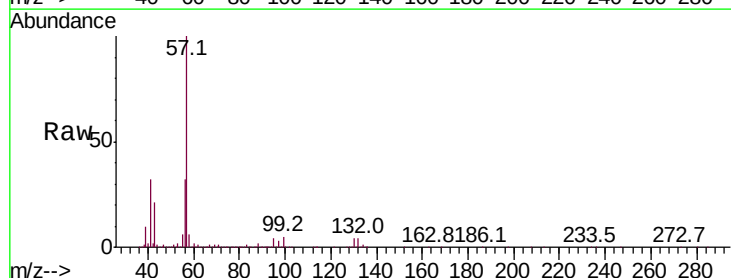
Delta R.T. 0.01 min

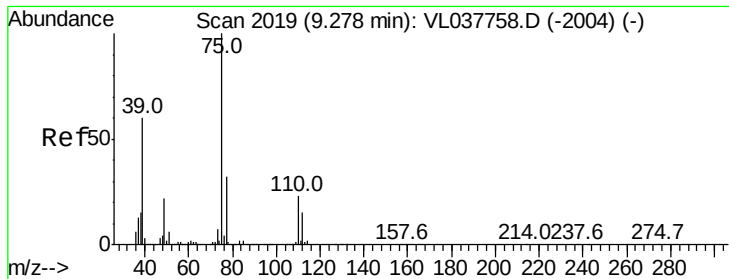
Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

Tgt Ion: 57 Resp: 6056084

Ion	Ratio	Lower	Upper
57	100		
41	32.4	25.6	38.4
56	32.0	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 11.763 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:

Ion Ratio

75 100

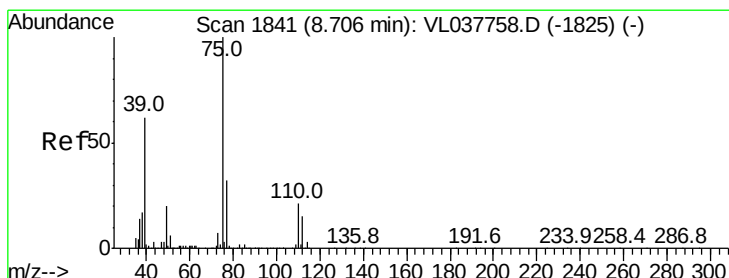
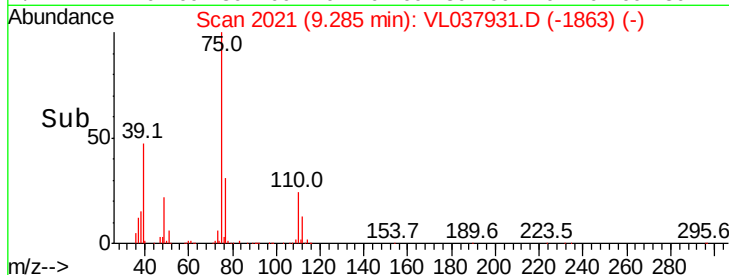
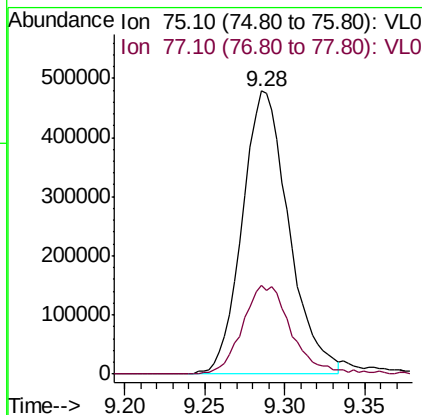
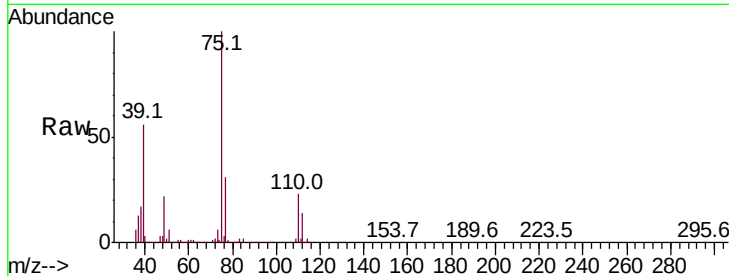
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#46

cis-1,3-Dichloropropene

Concen: 11.679 ppbv

RT: 8.71 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

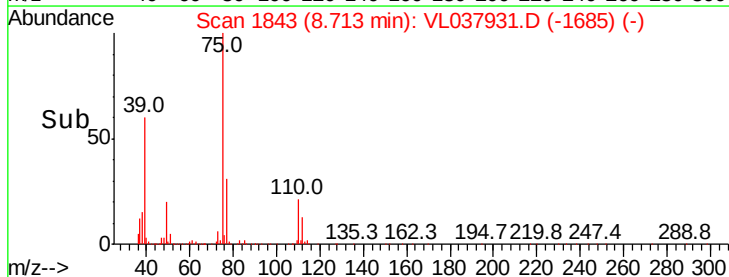
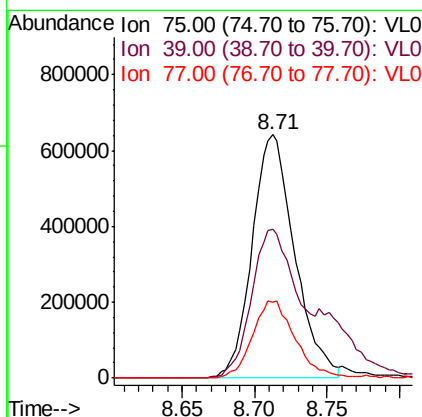
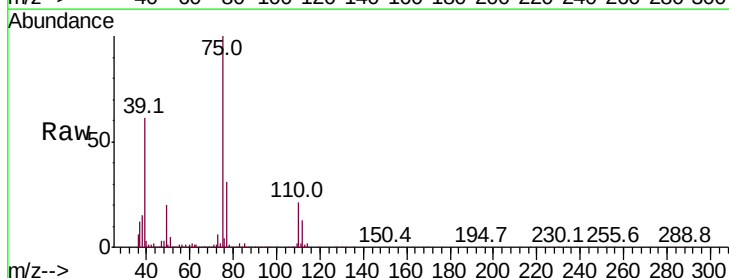
Tgt Ion: 75 Resp: 1309536

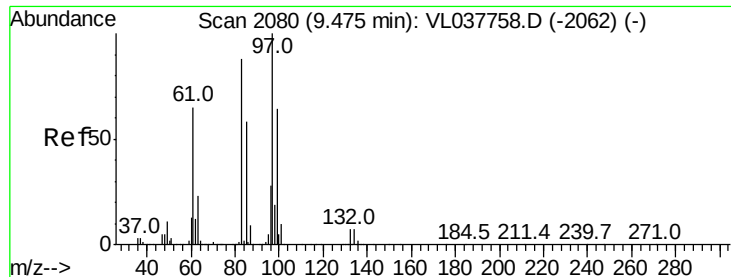
Ion Ratio Lower Upper

75 100

39 60.8 49.9 74.9

77 31.0 25.9 38.9



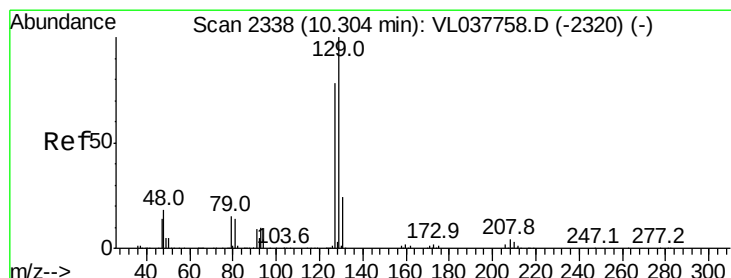
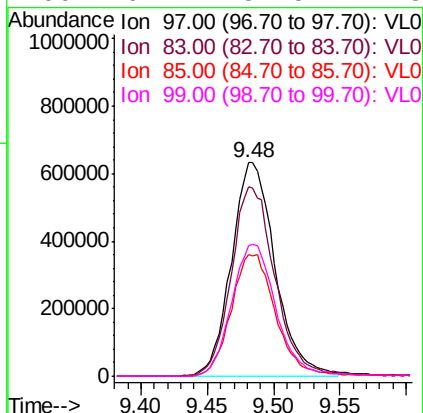
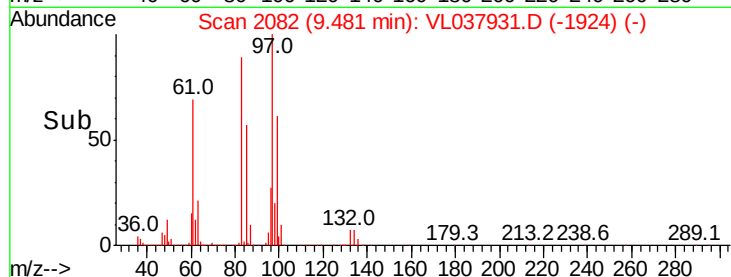
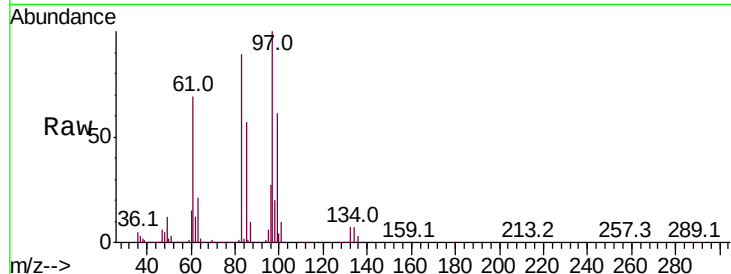


#47
 1,1,2-Trichloroethane
 Concen: 9.757 ppbv
 RT: 9.48
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VSTDCCC010EC
 Acq: 28 Oct 2021 00:43

Tot Ion:
 Ion Ratio
 97 100
 83 88.
 85 56.
 99 61.4 51.5 77.3

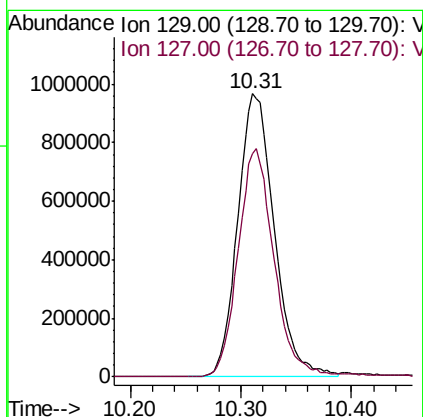
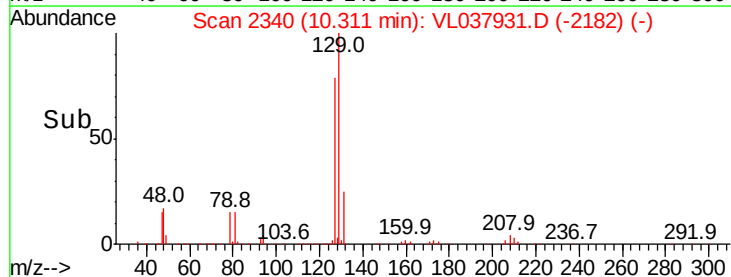
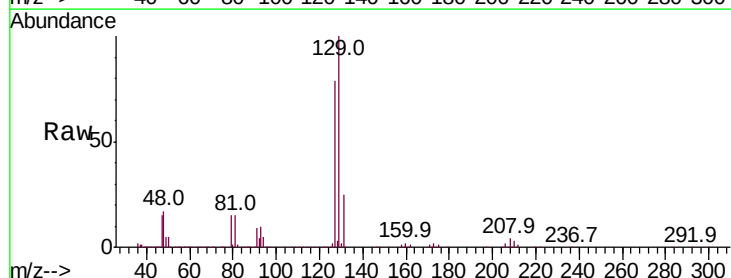
Manual Integrations
 APPROVED

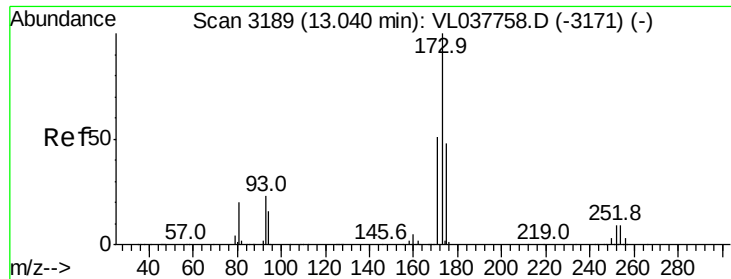
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#48
 Dibromochloromethane
 Concen: 10.597 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T. 0.01 min
 Lab File: VL037931.D
 Acq: 28 Oct 2021 00:43

Tgt Ion:129 Resp: 2223605
 Ion Ratio Lower Upper
 129 100
 127 80.6 39.5 118.5





#49

Bromoform

Concen: 11.480 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

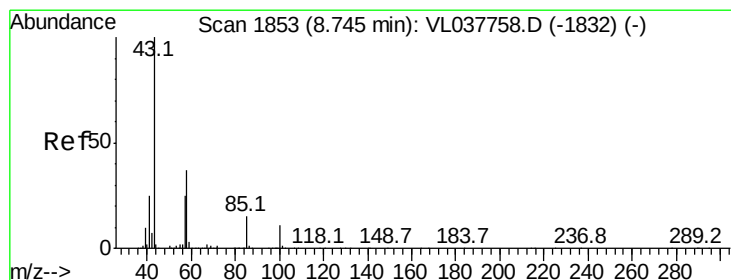
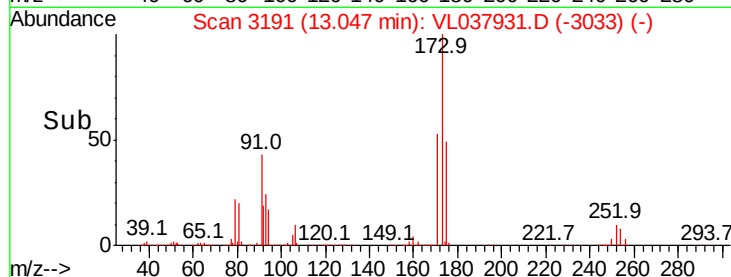
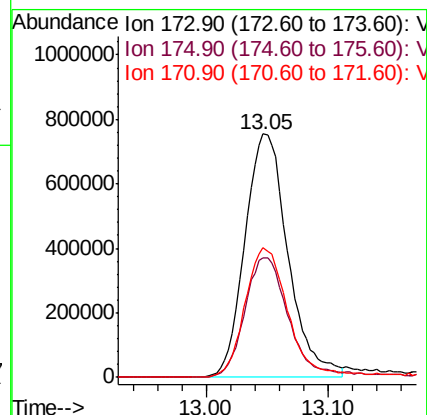
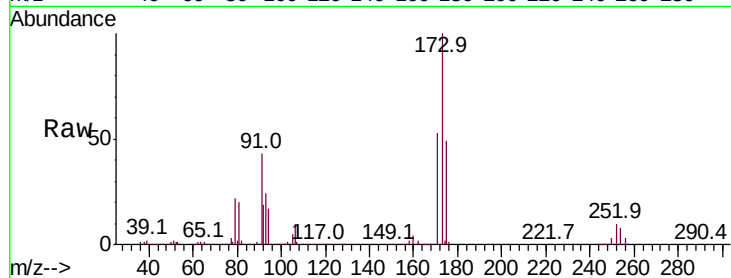
Acq: 28 Oct 2021 00:43

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021

Tot Ion:1
Ion Rati
173 100
175 52.
171 55.



#50

4-Methyl-2-Pentanone

Concen: 10.814 ppbv

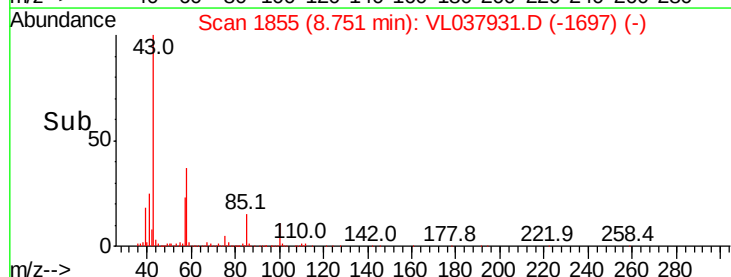
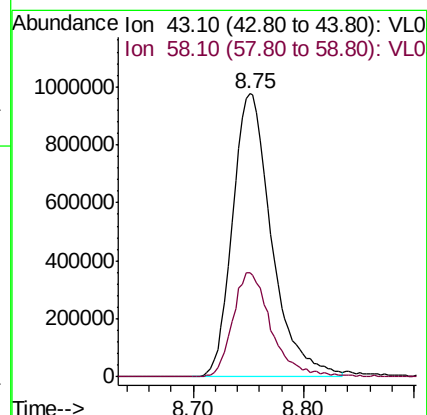
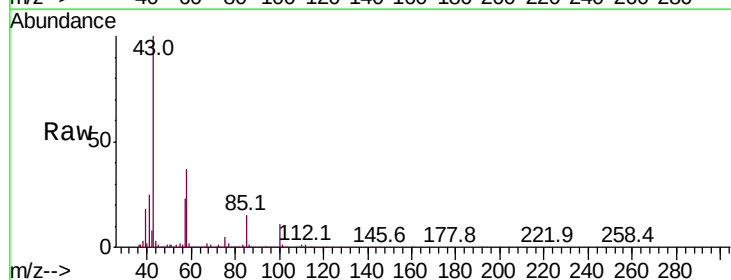
RT: 8.75 min Scan# 1855

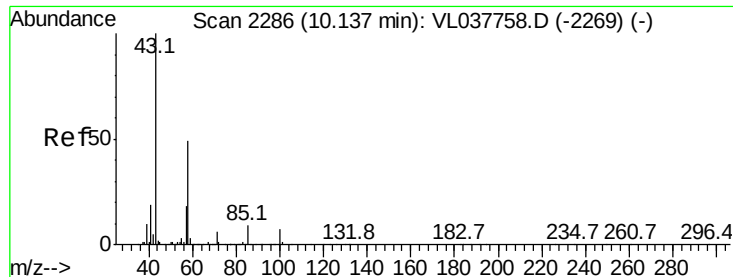
Delta R.T. 0.01 min

Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

Tgt Ion: 43 Resp: 2394977
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.0





#51

2-Hexanone

Concen: 11.007 ppbv

RT: 10.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:

Ion Ratio

43 100

58 48.

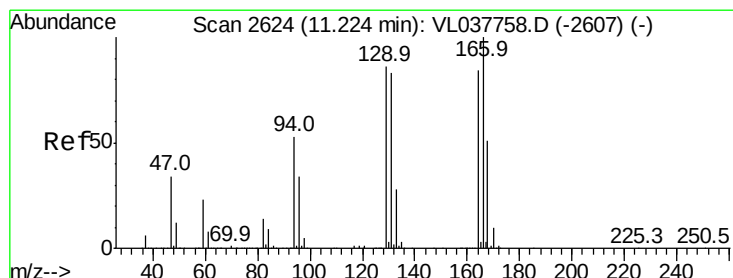
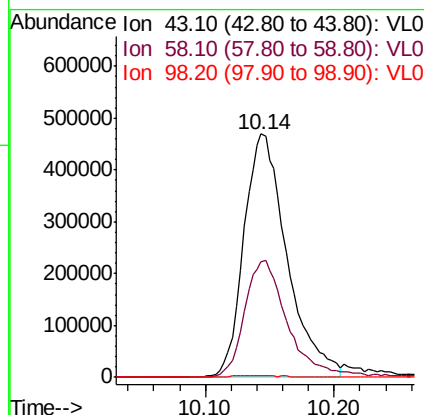
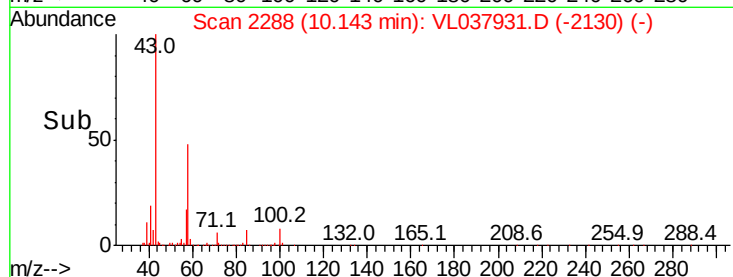
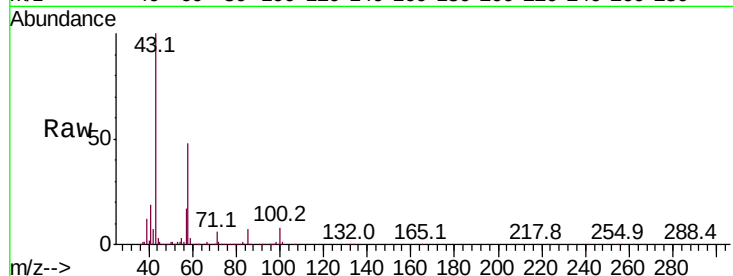
98 1.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#52

Tetrachloroethene

Concen: 9.224 ppbv m

RT: 11.23 min Scan# 2627

Delta R.T. 0.01 min

Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

Tgt Ion:164 Resp: 1291700

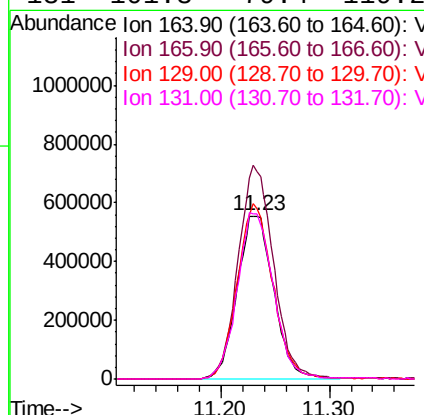
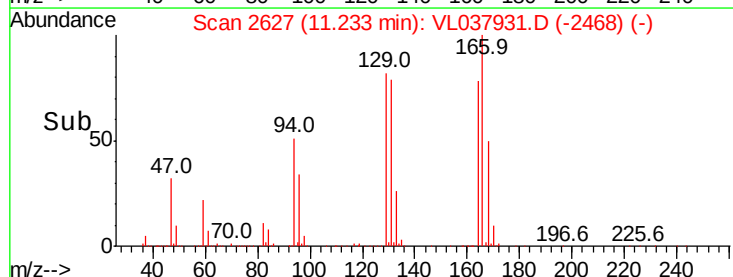
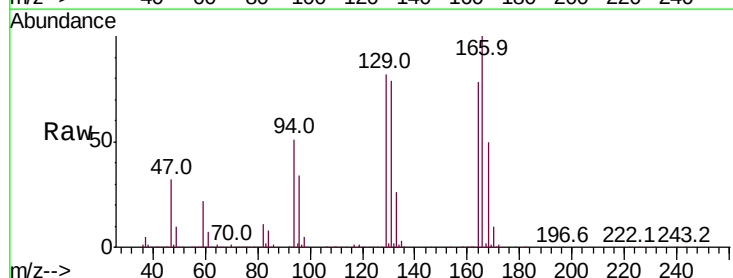
Ion Ratio Lower Upper

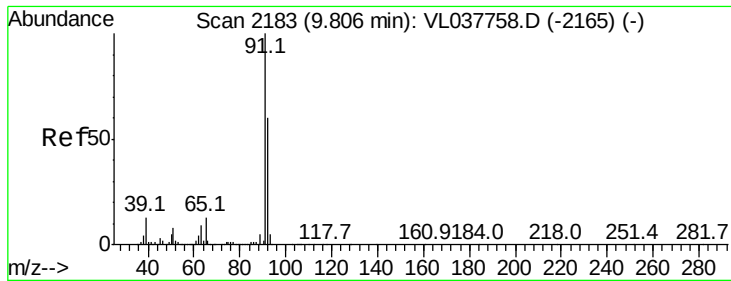
164 100

166 127.8 95.4 143.2

129 105.0 82.2 123.4

131 101.3 79.4 119.2





#53

Toluene

Concen: 10.338 ppbv

RT: 9.82

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:

Ion Ratio

91 100

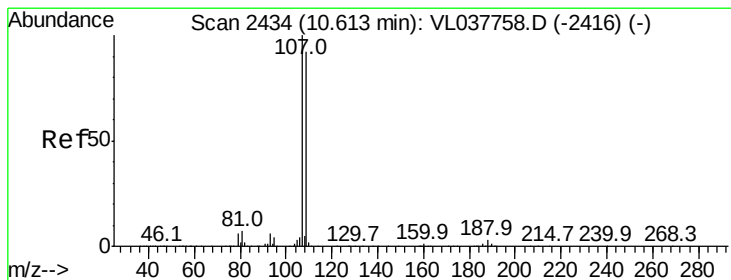
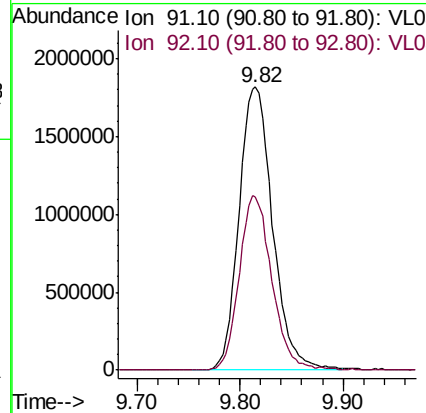
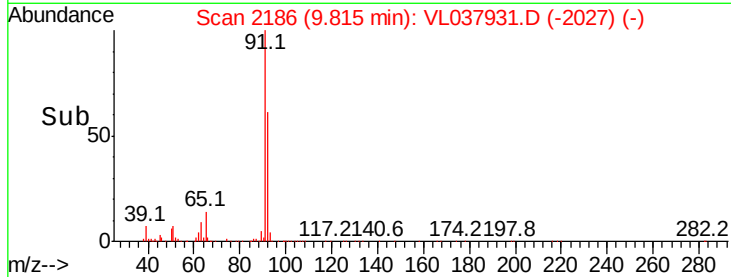
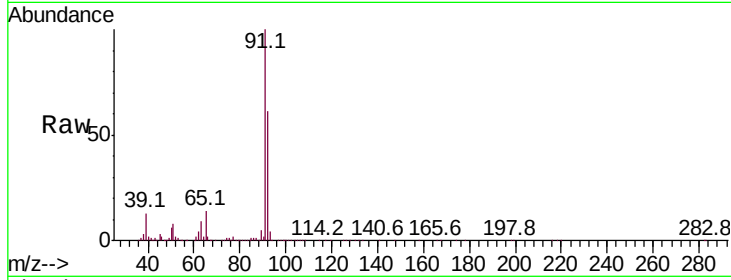
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#54

1,2-Dibromoethane

Concen: 9.966 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. 0.01 min

Lab File: VL037931.D

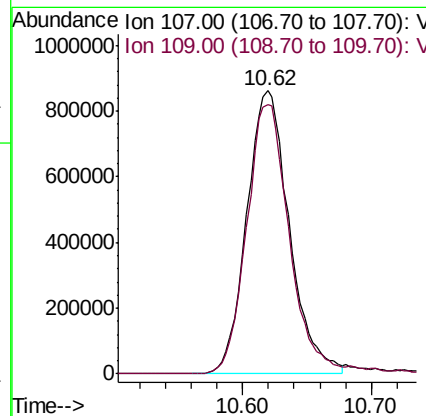
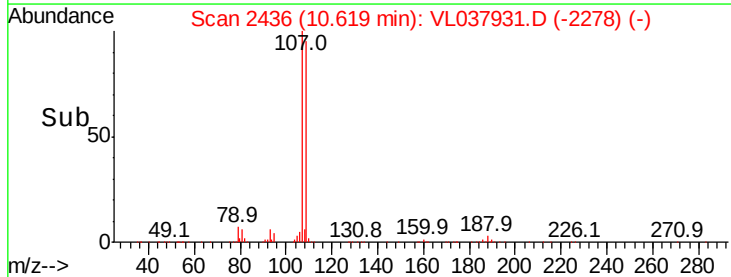
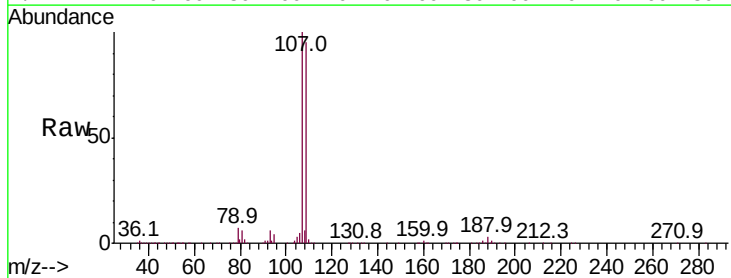
Acq: 28 Oct 2021 00:43

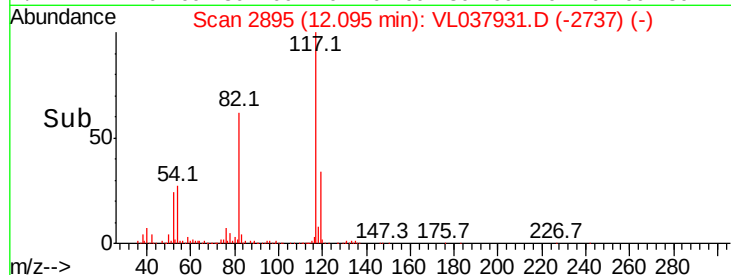
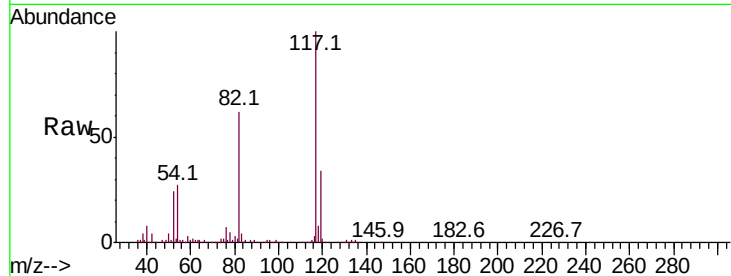
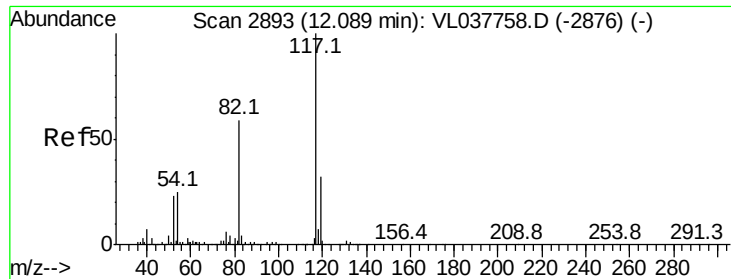
Tgt Ion:107 Resp: 1981492

Ion Ratio Lower Upper

107 100

109 95.3 73.8 110.6



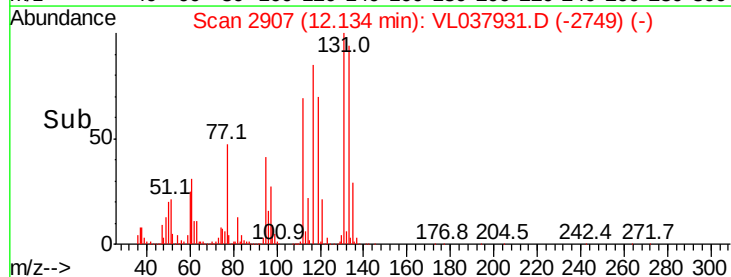
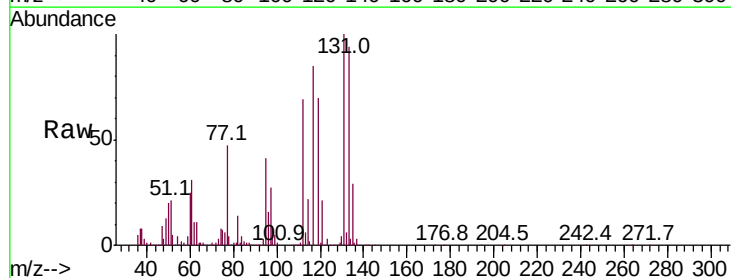
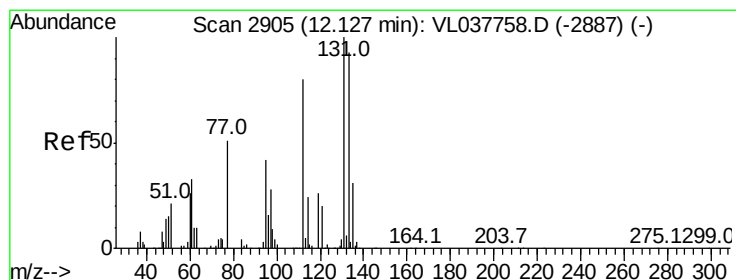
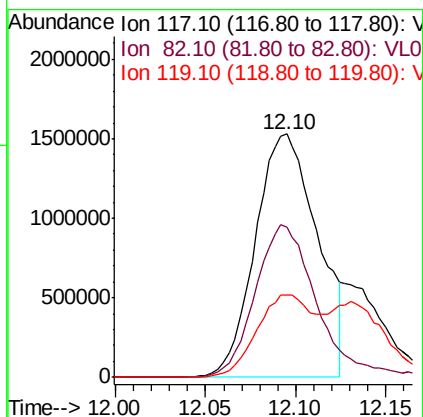


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 28 Oct 2021 00:43

Tot Ion:1
Ion Rati
117 100
82 64.
119 31.

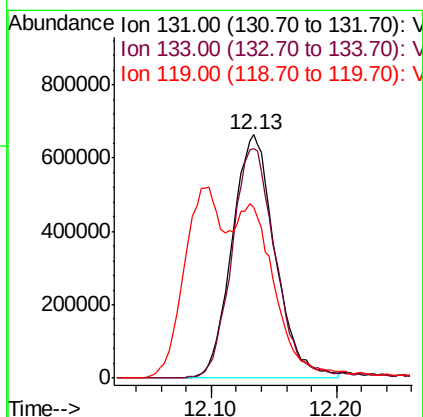
Manual Integrations
APPROVED

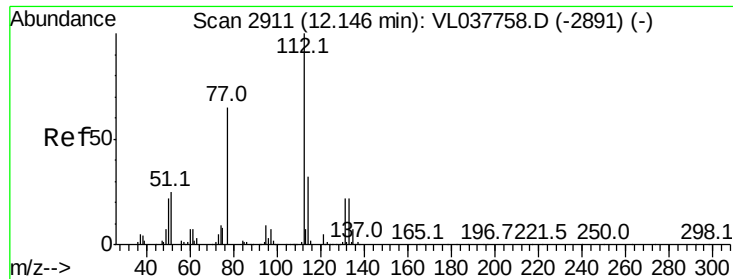
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 10.436 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.01 min
Lab File: VL037931.D
Acq: 28 Oct 2021 00:43

Tgt Ion:131 Resp: 1583279
Ion Ratio Lower Upper
131 100
133 98.0 78.5 117.7
119 70.8 51.7 77.5



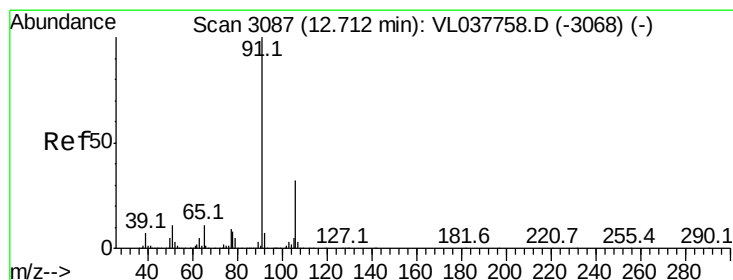
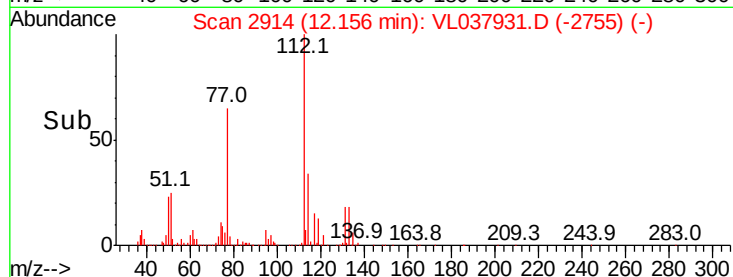
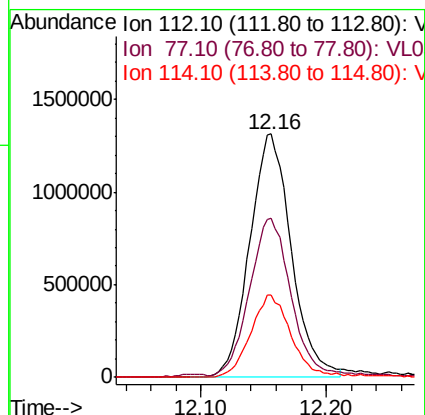
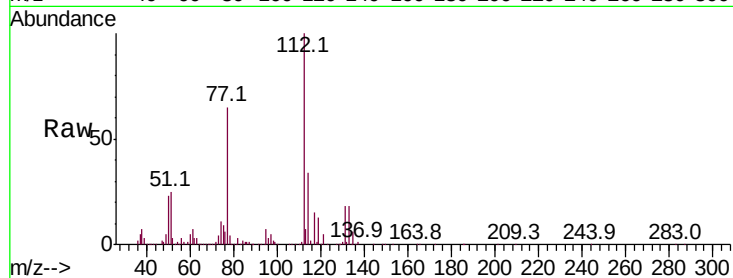


#57
Chlorobenzene
Concen: 10.061 ppbv
RT: 12.16 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 28 Oct 2021 00:43

Tot Ion: 1
Ion Ratio
112 100
77 64.
114 33.

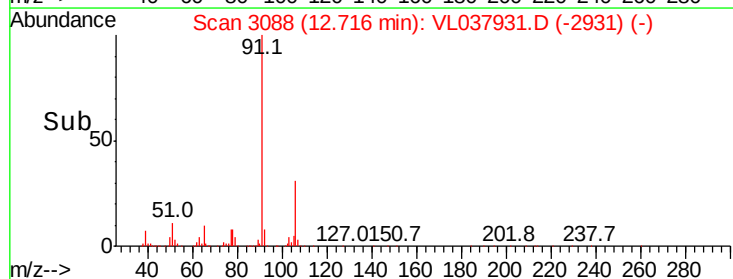
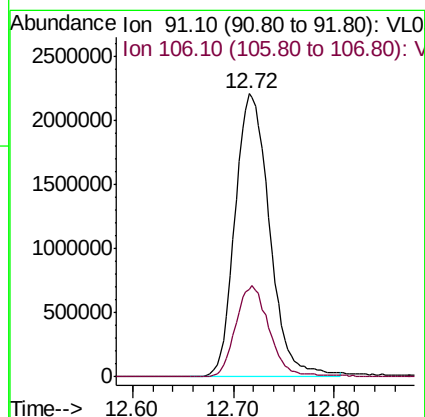
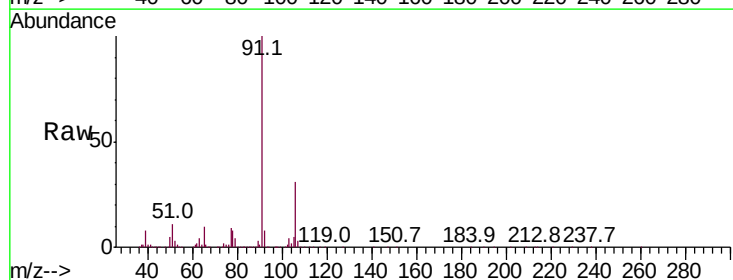
Manual Integrations
APPROVED

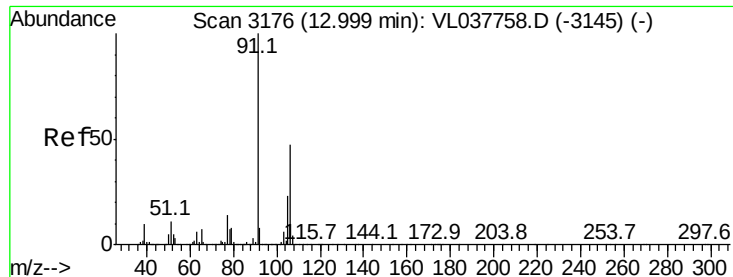
Reviewed By : Semsettin Yesilyurt 10/28/2021
Supervised By : Mahesh Dadoda 10/29/2021



#58
Ethyl Benzene
Concen: 10.709 ppbv
RT: 12.72 min Scan# 3088
Delta R.T.: 0.00 min
Lab File: VL037931.D
Acq: 28 Oct 2021 00:43

Tgt Ion: 91 Resp: 5270104
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



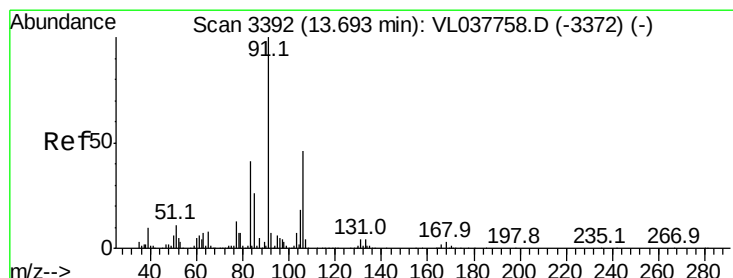
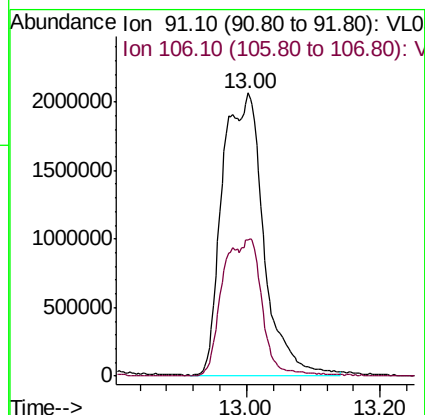
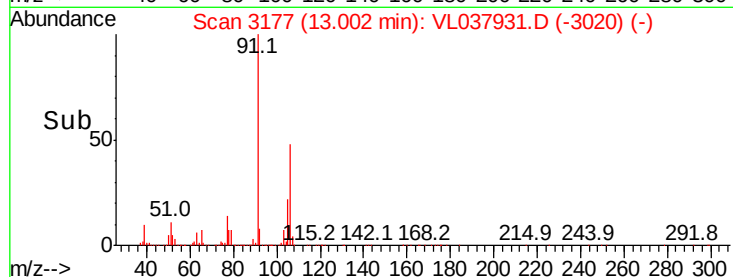
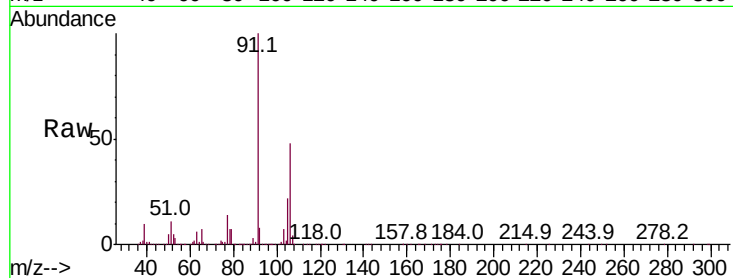


#59
m/p-Xylene
Concen: 21.041 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:
Ion Ratio
91 100
106 46.

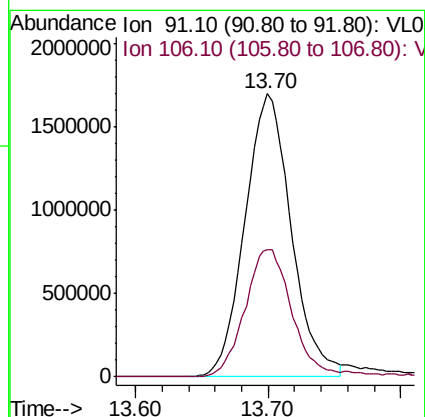
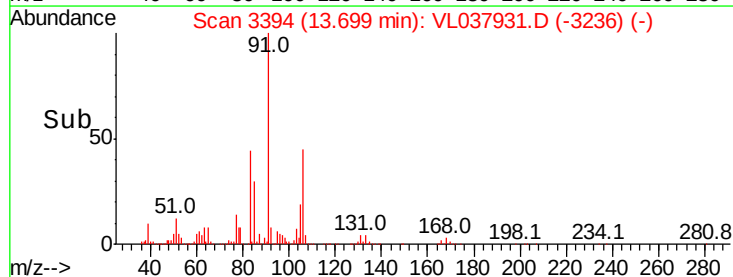
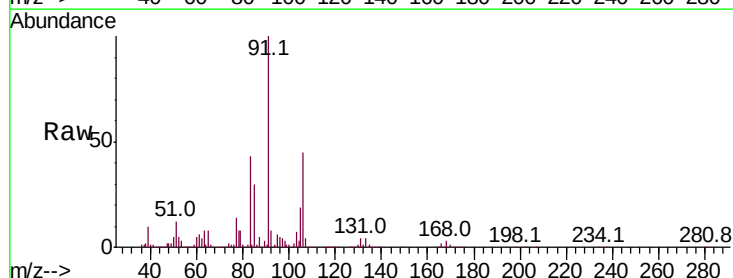
Manual Integrations
APPROVED

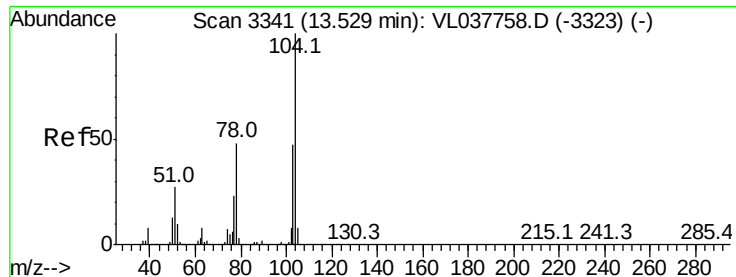
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#60
o-Xylene
Concen: 10.104 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL037931.D
Acq: 28 Oct 2021 00:43

Tgt Ion: 91 Resp: 4090596
Ion Ratio Lower Upper
91 100
106 47.8 23.5 70.5





#61

Stvrene

Concen: 11.629 ppbv

RT: 13.54

Delta R.T.

Lab File:

Acq: 28 Oct 2021 00:43

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021

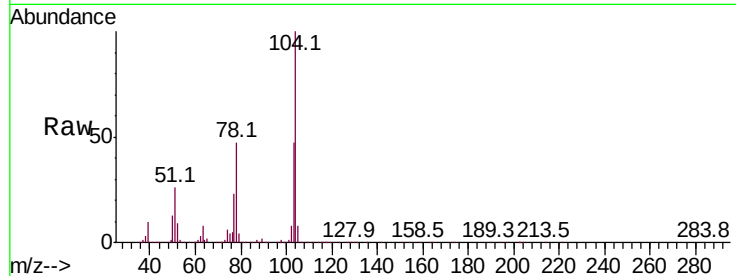
Tot Ion:1

Ion Rati

104 100

78 49.

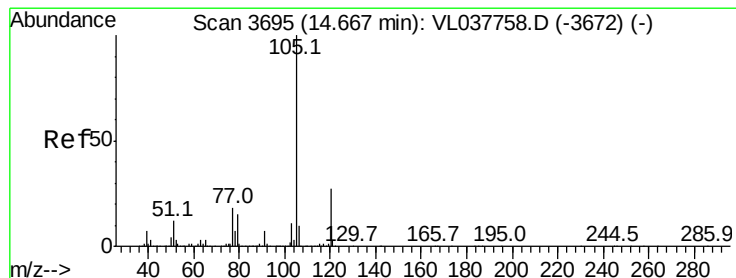
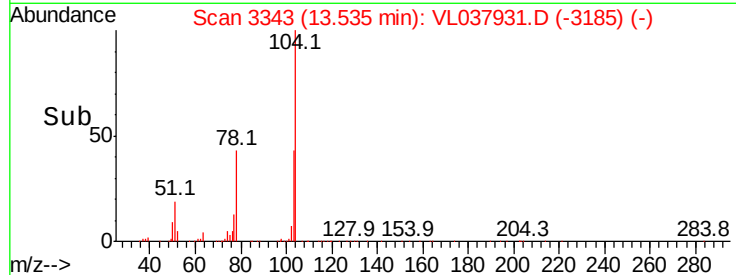
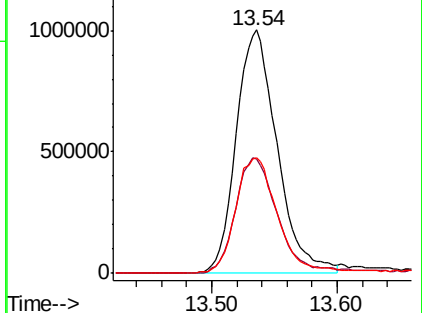
103 49.



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 10.302 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VL037931.D

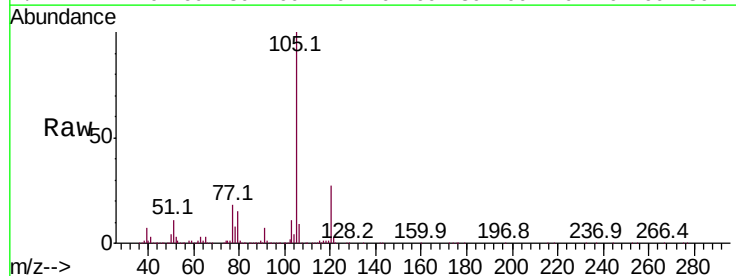
Acq: 28 Oct 2021 00:43

Tgt Ion:105 Resp: 5817586

Ion Ratio Lower Upper

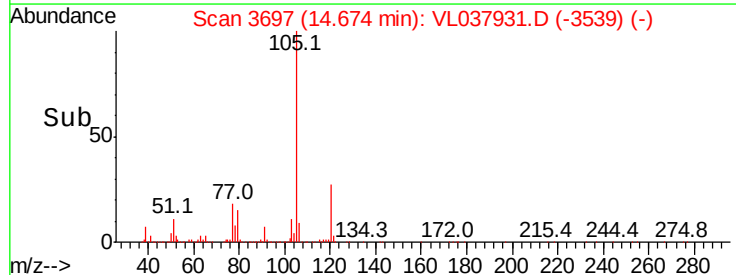
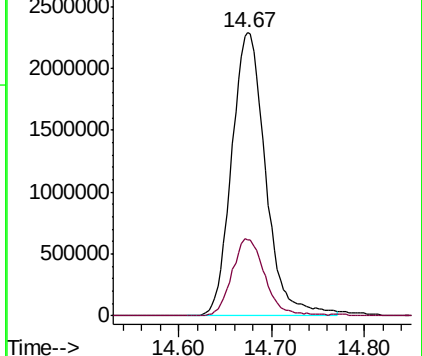
105 100

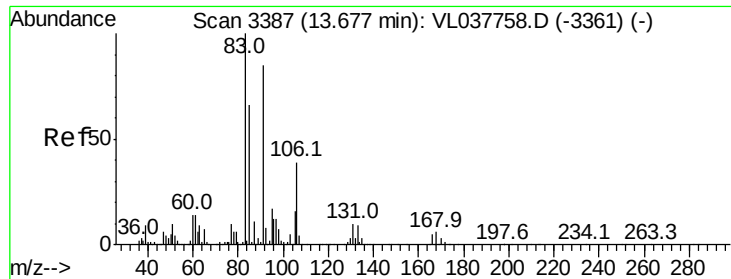
120 27.0 21.3 31.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 9.828 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:

Ion Ratio

83 100

131 9.

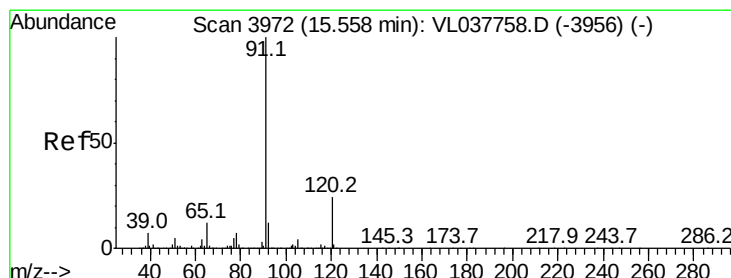
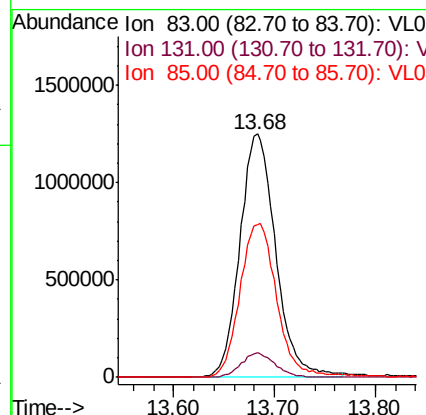
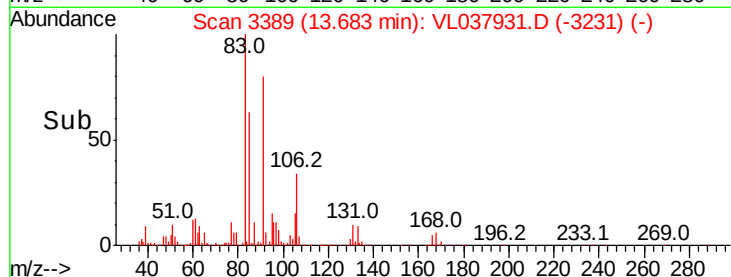
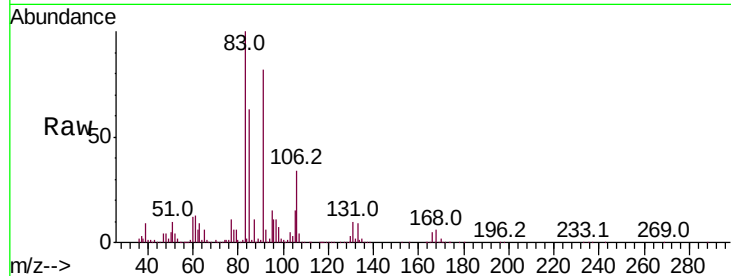
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#64

n-propylbenzene

Concen: 10.959 ppbv

RT: 15.57 min Scan# 3975

Delta R.T. 0.01 min

Lab File: VL037931.D

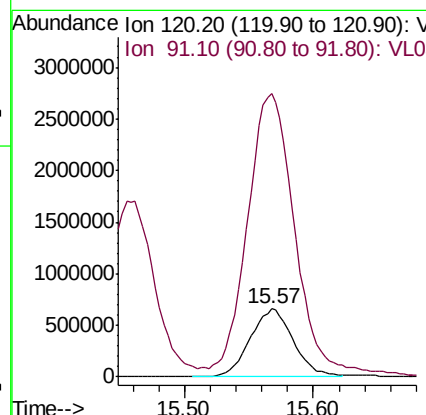
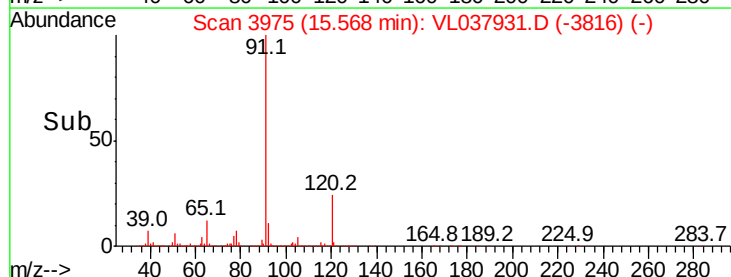
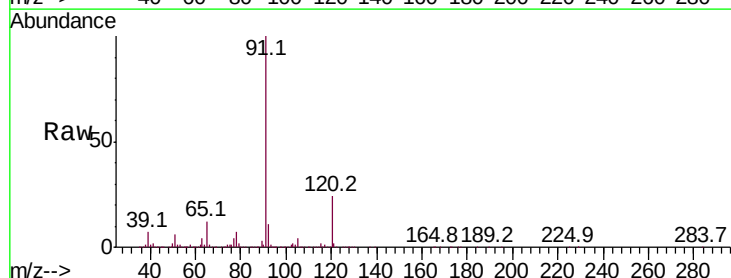
Acq: 28 Oct 2021 00:43

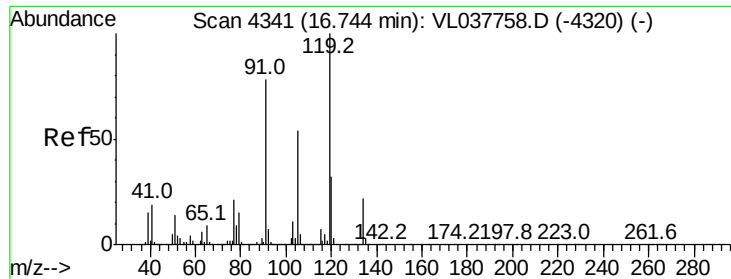
Tgt Ion:120 Resp: 1543257

Ion Ratio Lower Upper

120 100

91 460.4 375.0 562.6



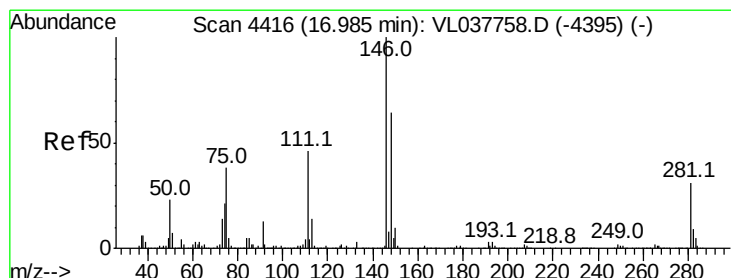
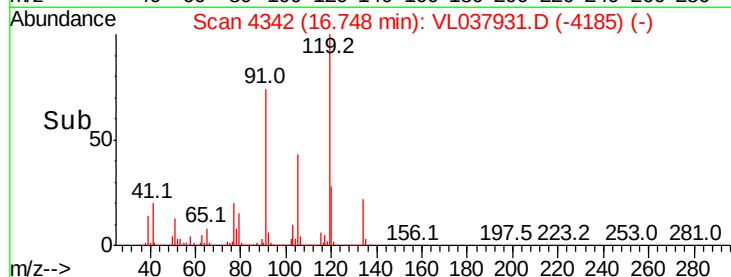
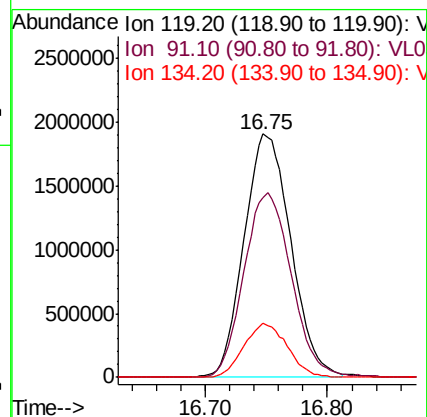
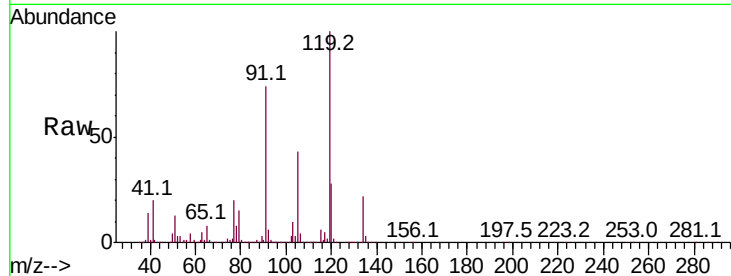


#65
tert-Butylbenzene
Concen: 10.197 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 28 Oct 2021 00:43

Tot Ion: 1
Ion Ratio
119 100
91 77.
134 20.

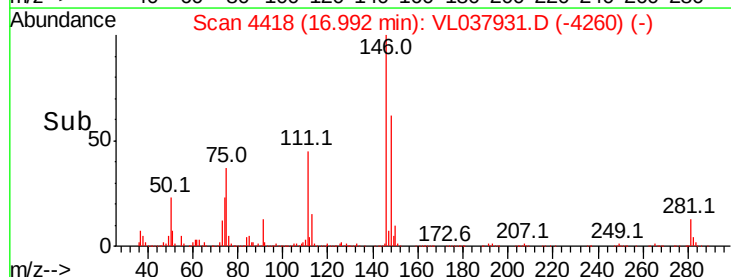
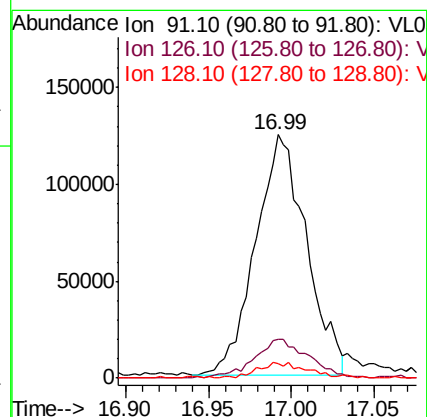
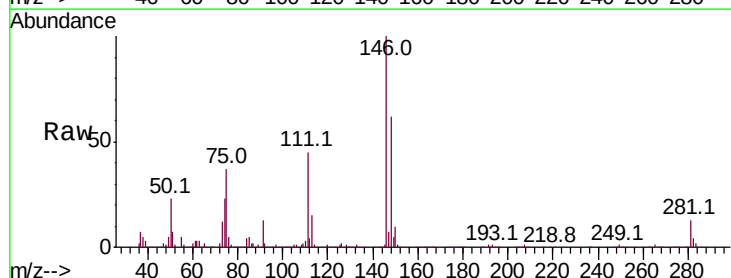
Manual Integrations
APPROVED

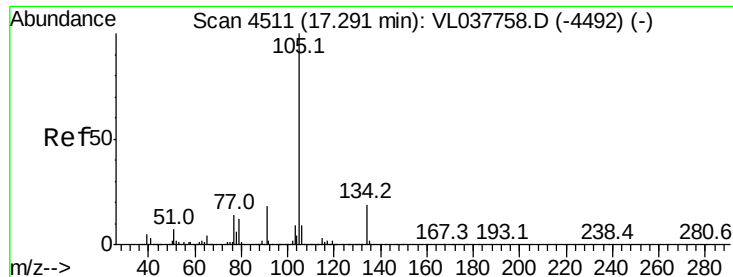
Reviewed By : Semsettin Yesilyurt 10/28/2021
Supervised By : Mahesh Dadoda 10/29/2021



#66
Benzyl Chloride
Concen: 10.806 ppbv
RT: 16.99 min Scan# 4418
Delta R.T.: 0.01 min
Lab File: VL037931.D
Acq: 28 Oct 2021 00:43

Tgt Ion: 91 Resp: 265019
Ion Ratio Lower Upper
91 100
126 18.0 0.0 0.0#
128 7.0 5.3 7.9





#67

sec-Butylbenzene

Concen: 10.421 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Oct 2021 00:43 VSTDCCC010EC

Tot Ion:1

Ion Ratio

105 100

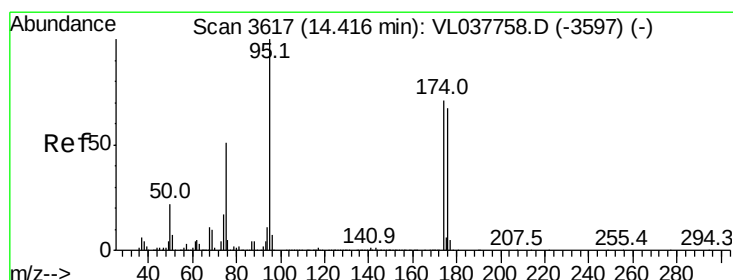
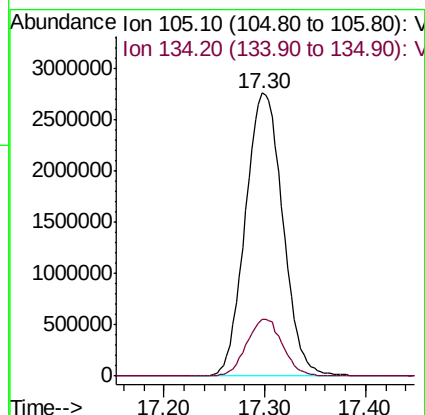
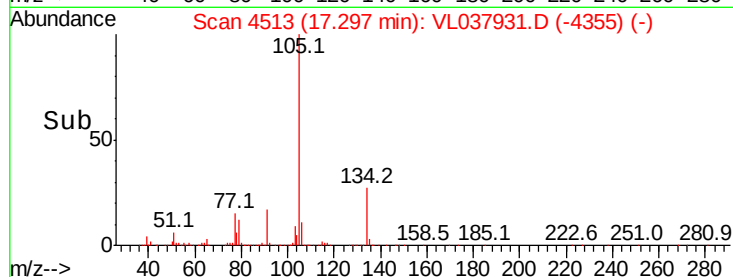
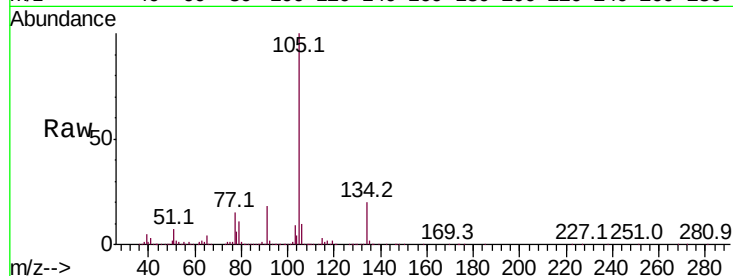
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.471 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.01 min

Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

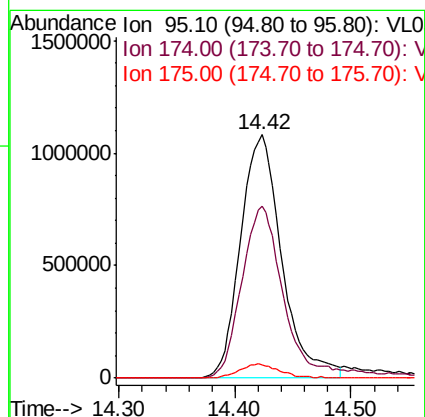
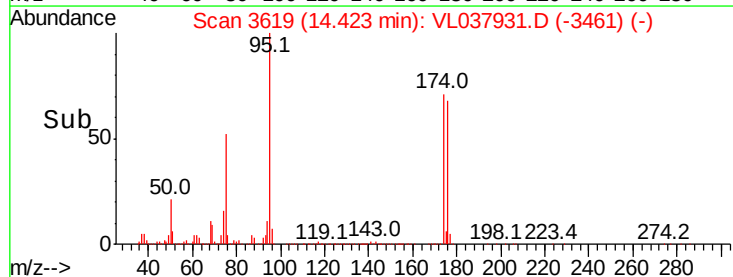
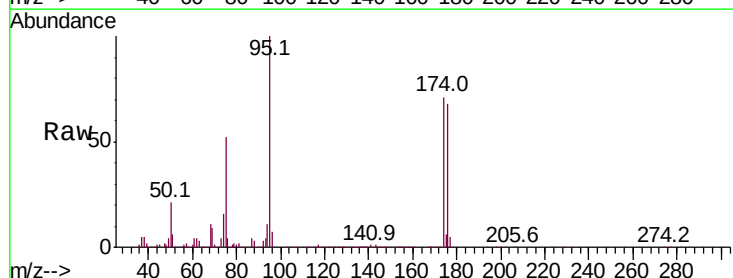
Tgt Ion: 95 Resp: 2683619

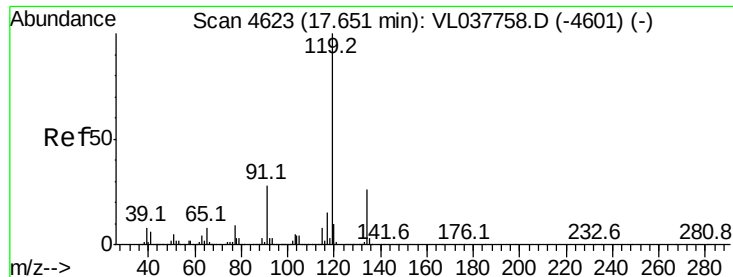
Ion Ratio Lower Upper

95 100

174 74.6 57.8 86.6

175 6.0 4.7 7.1





#69

p-Isopropyltoluene

Concen: 10.614 ppbv

RT: 17.66

Delta R.T.

Lab File:

Acq: 28 Oct 2021 00:43

Instrument : MSVOA_1

ClientSampleId :

VSTDCCC010EC

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021

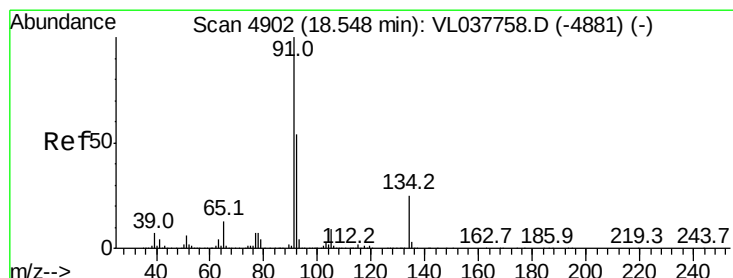
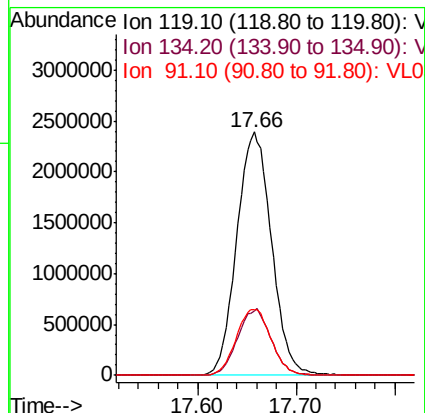
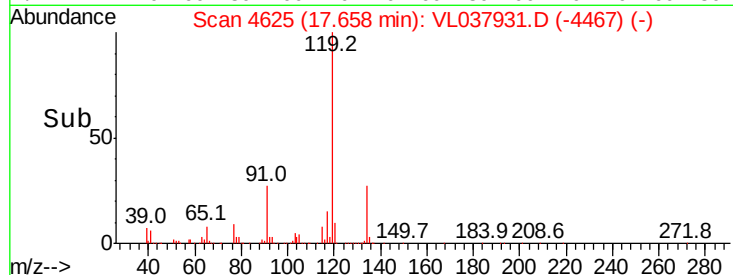
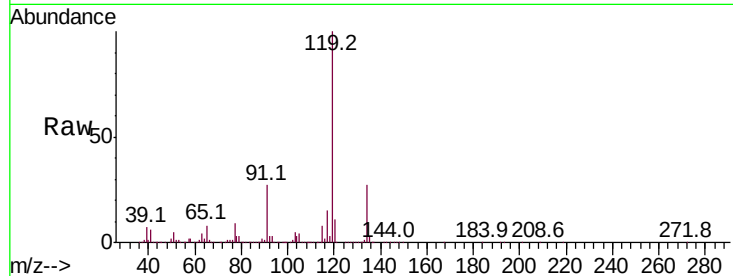
Tot Ion:1

Ion Ratio

119 100

134 26.

91 27.



#70

n-Butylbenzene

Concen: 10.786 ppbv

RT: 18.55 min Scan# 4904

Delta R.T. 0.01 min

Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

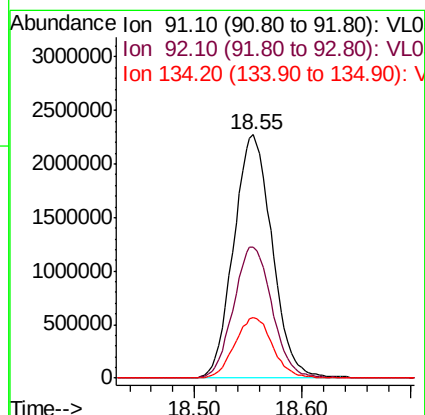
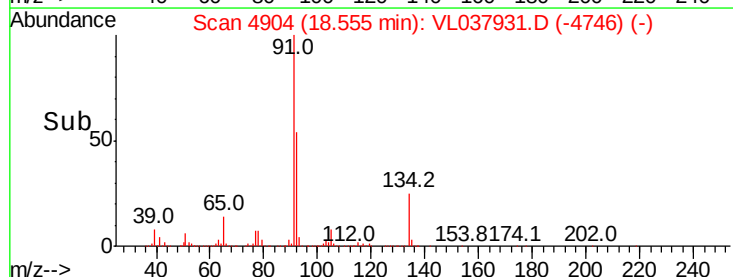
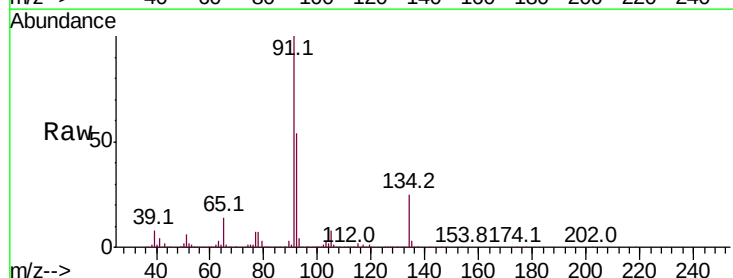
Tgt Ion: 91 Resp: 5629799

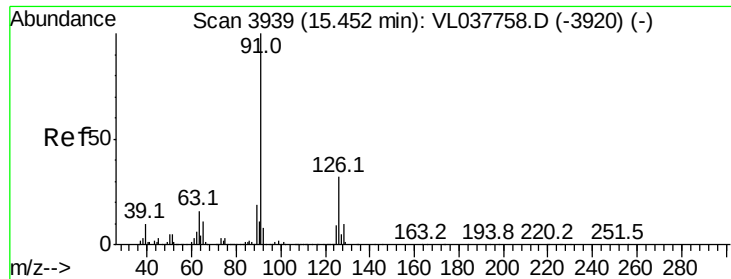
Ion Ratio Lower Upper

91 100

92 54.4 43.4 65.0

134 24.6 19.8 29.6





#71

2-Chlorotoluene

Concen: 10.469 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Oct 2021 00:43

Tot Ion:

Ion Ratio

91 100

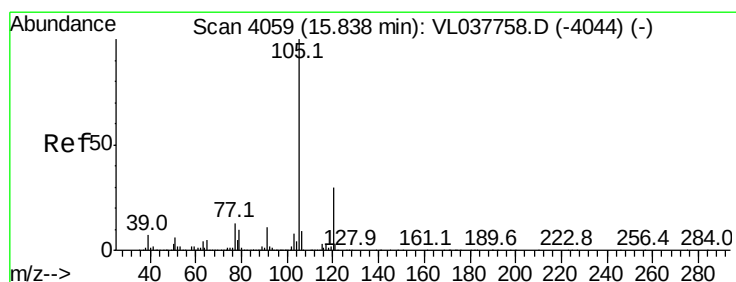
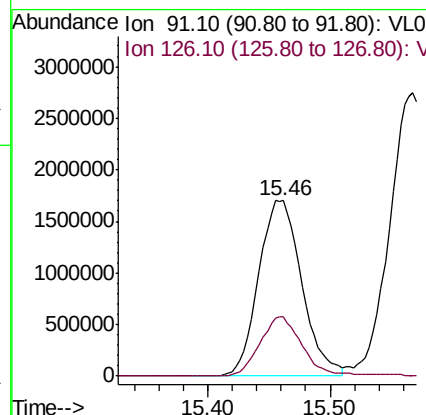
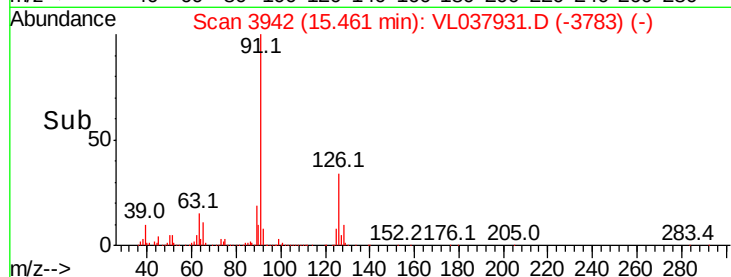
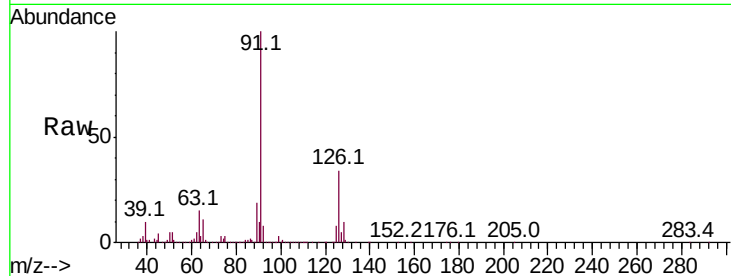
126 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#72

4-Ethyltoluene

Concen: 10.940 ppbv

RT: 15.84 min Scan# 4061

Delta R.T. 0.01 min

Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

Tgt Ion:105 Resp: 5029140

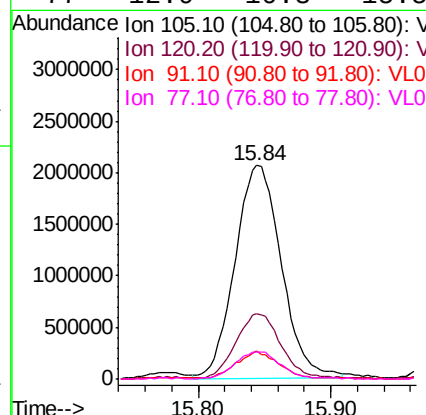
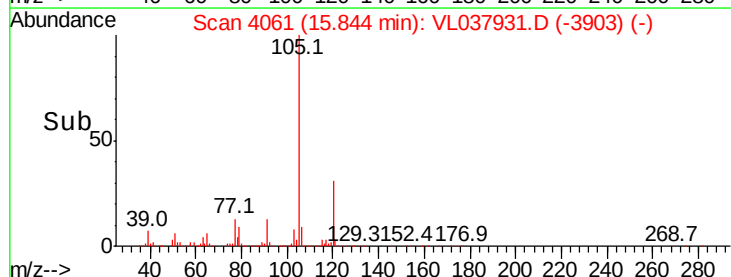
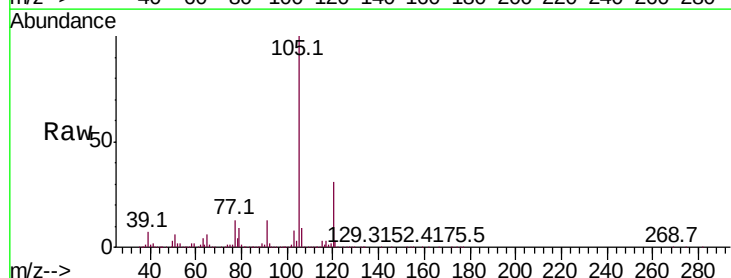
Ion Ratio Lower Upper

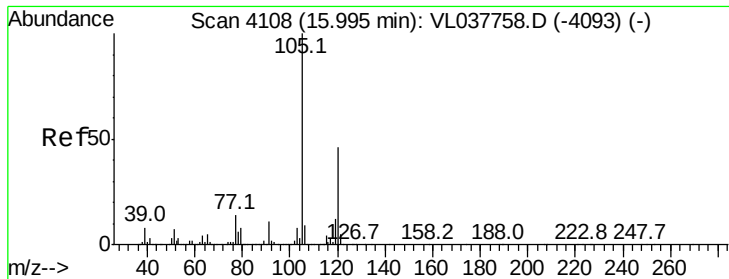
105 100

120 30.5 24.2 36.2

91 12.6 10.4 15.6

77 12.9 10.3 15.5



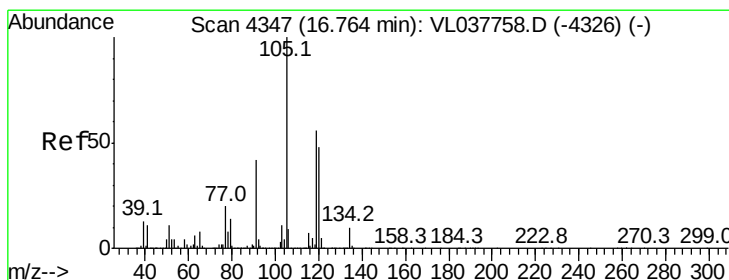
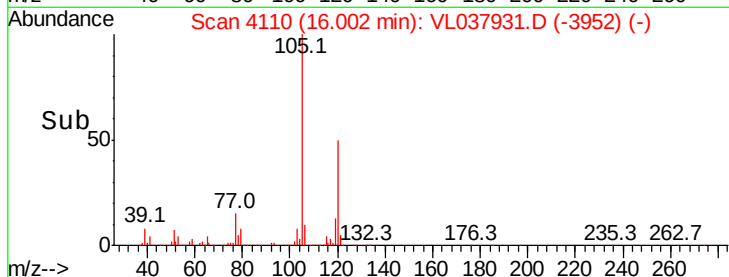
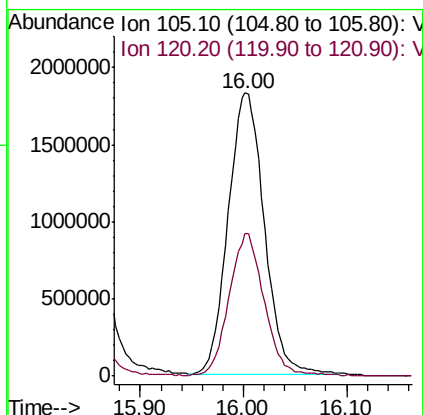
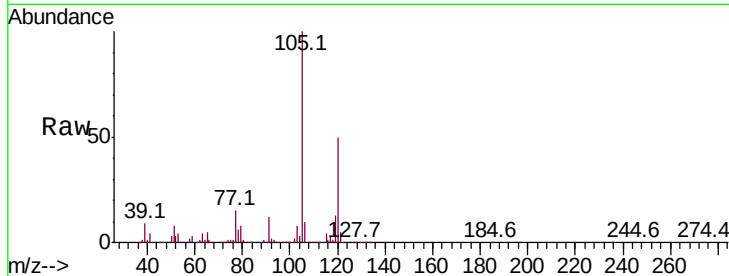


#73
 1,3,5-Trimethylbenzene
 Concen: 10.649 ppbv
 RT: 16.00 min
 Delta R.T. 0.01 min
 Lab File: VL037758.D
 Acq: 28 Oct 2021 00:43

Manual Integrations
 APPROVED

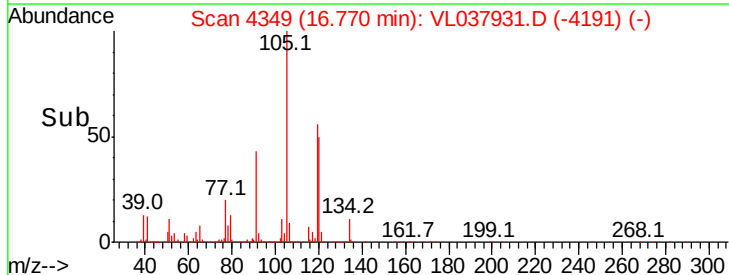
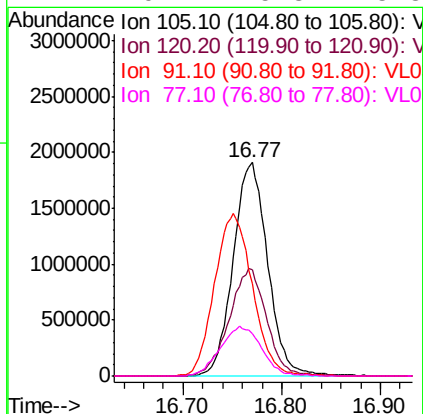
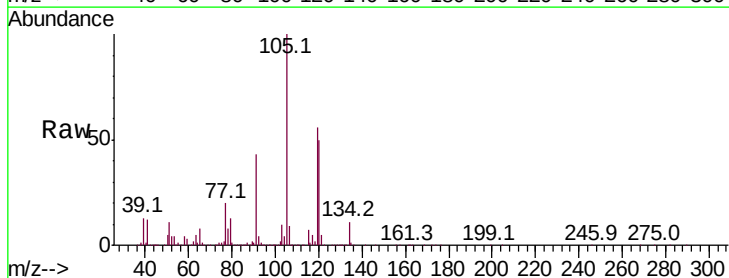
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021

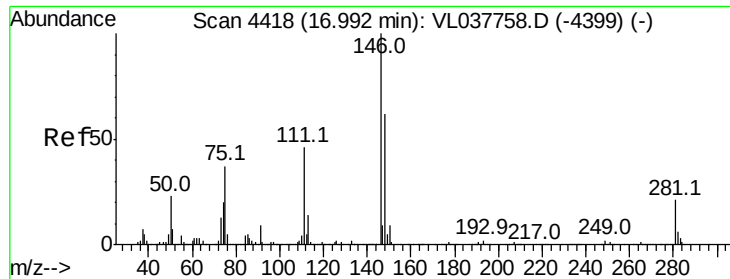
Tot Ion:1
 Ion Rati
 105 100
 120 50.



#74
 1,2,4-Trimethylbenzene
 Concen: 10.568 ppbv
 RT: 16.77 min Scan# 4349
 Delta R.T. 0.01 min
 Lab File: VL037931.D
 Acq: 28 Oct 2021 00:43

Tgt Ion:105 Resp: 4634036
 Ion Ratio Lower Upper
 105 100
 120 49.3 38.4 57.6
 91 42.7 34.2 51.2
 77 19.7 15.8 23.8



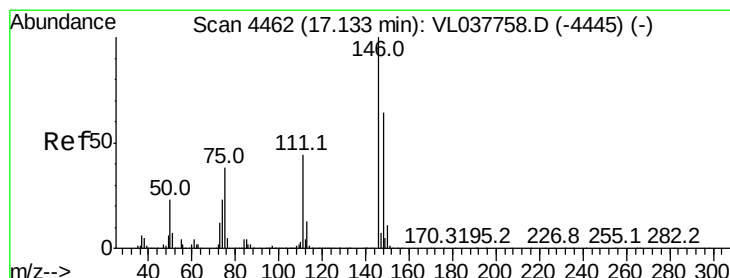
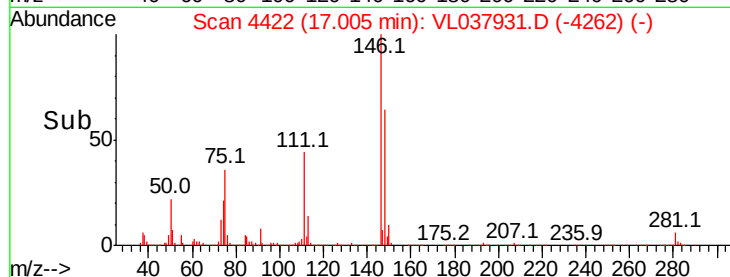
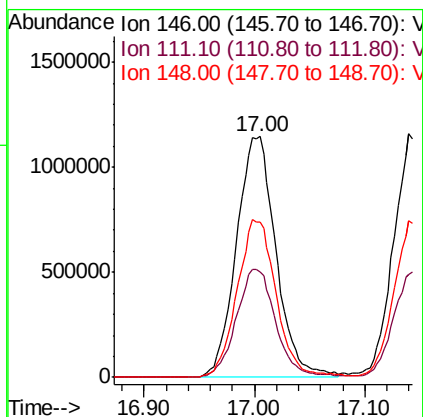
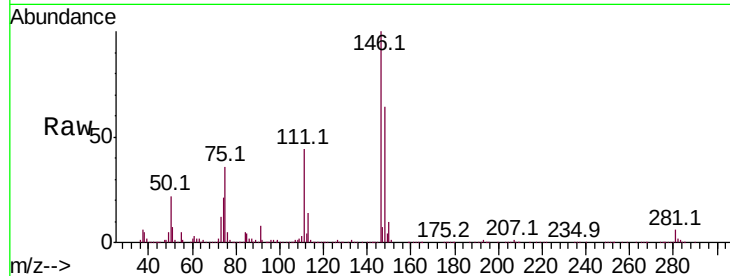


#75
 1,3-Dichlorobenzene
 Concen: 10.472 ppbv
 RT: 17.00 min
 Instrument: MSVOA_1
 Delta R.T.: 0.01 min
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 28 Oct 2021 00:43

Tot Ion:1
 Ion Rati
 146 100
 111 44.
 148 64.

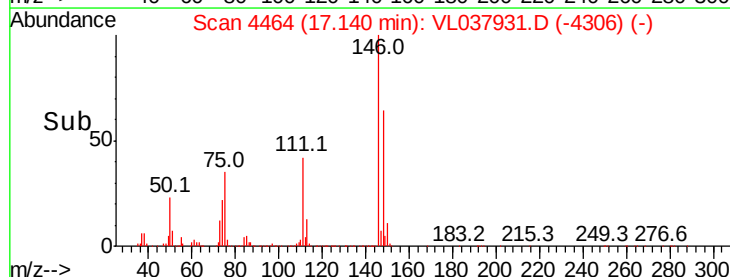
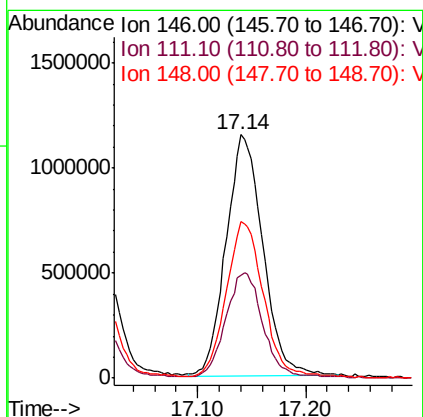
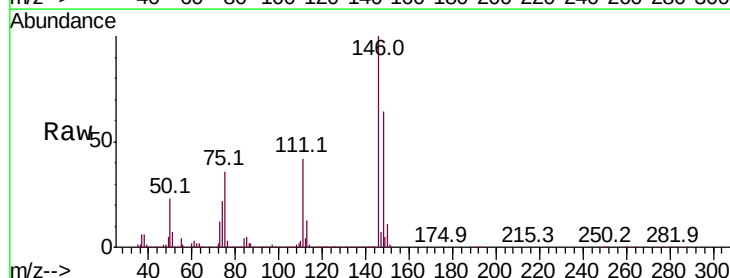
Manual Integrations
 APPROVED

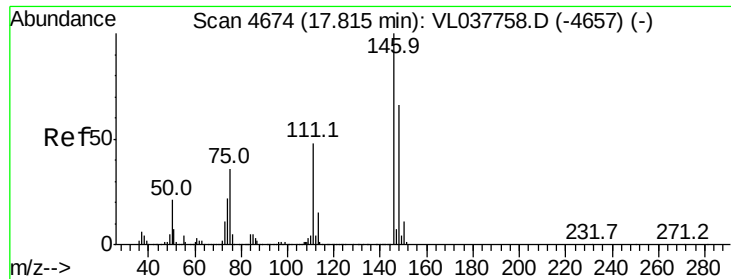
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#76
 1,4-Dichlorobenzene
 Concen: 10.483 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T.: 0.01 min
 Lab File: VL037931.D
 Acq: 28 Oct 2021 00:43

Tgt Ion:146 Resp: 2716631
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.4 67.3
 148 66.4 33.3 99.9





#77

1,2-Dichlorobenzene

Concen: 10.485 ppbv

RT: 17.82

Delta R.T. MSVOA_L

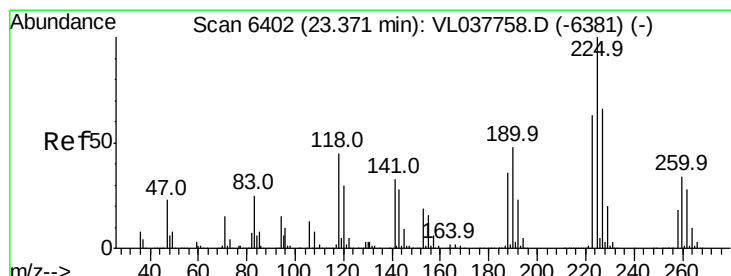
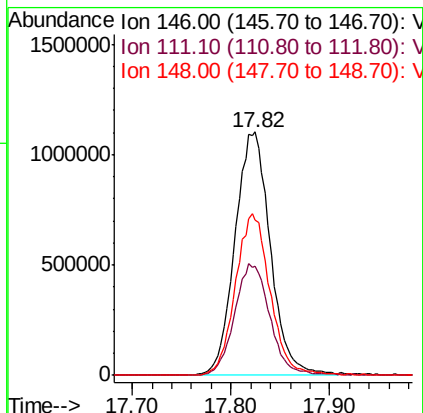
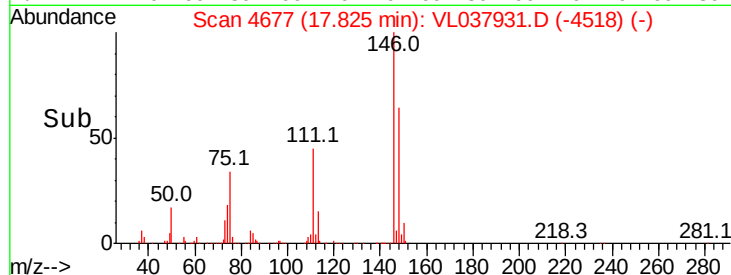
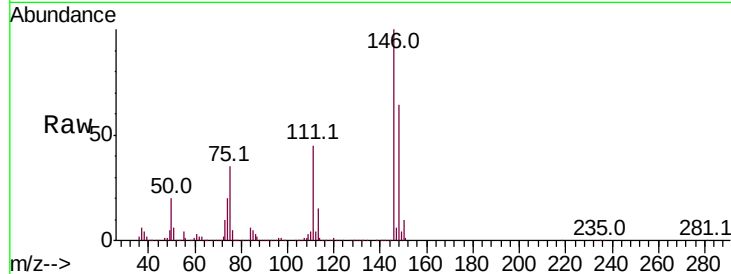
Lab File: ClientSampleId :

Acq: 28 Oct 2021 00:43

Tot Ion:1
Ion Rati
146 100
111 46.
148 64.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#78

Hexachloro-1,3-Butadiene

Concen: 8.807 ppbv

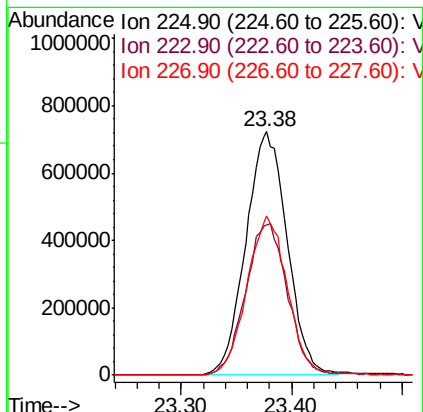
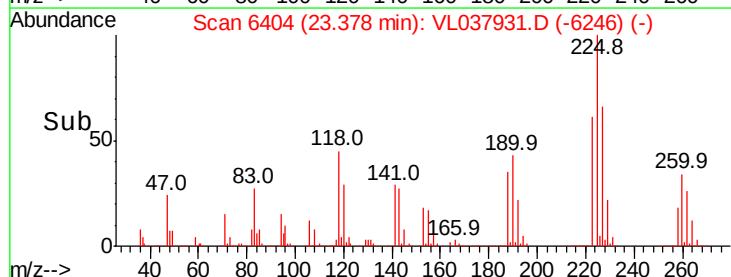
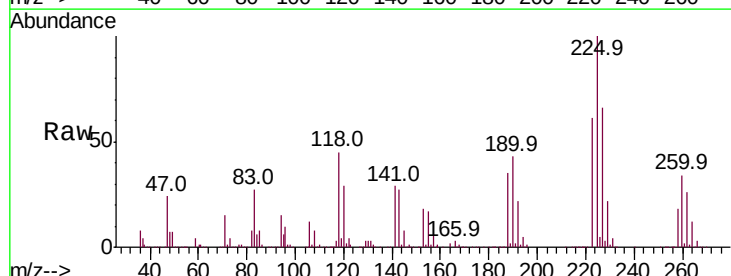
RT: 23.38 min Scan# 6404

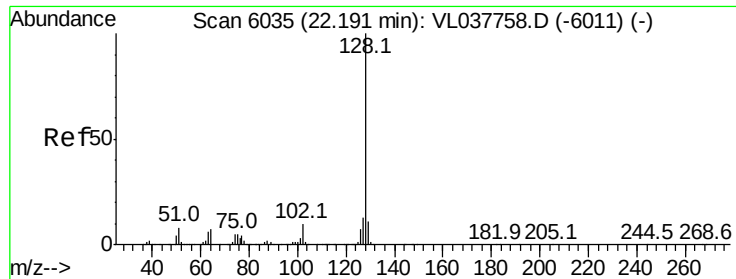
Delta R.T. 0.01 min

Lab File: VL037931.D

Acq: 28 Oct 2021 00:43

Tgt Ion:225 Resp: 1876597
Ion Ratio Lower Upper
225 100
223 63.6 51.2 76.8
227 64.3 51.1 76.7



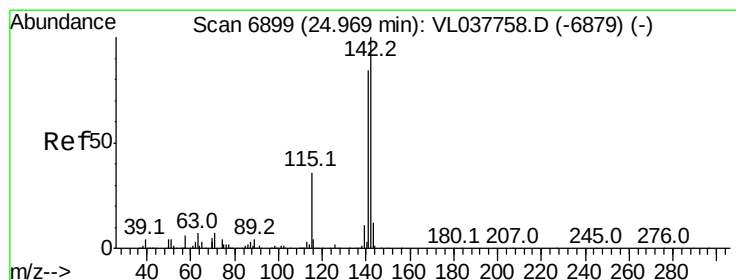
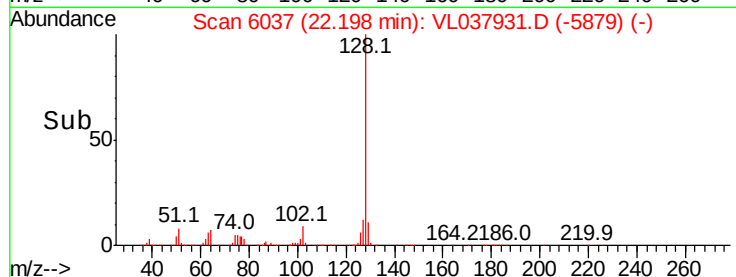
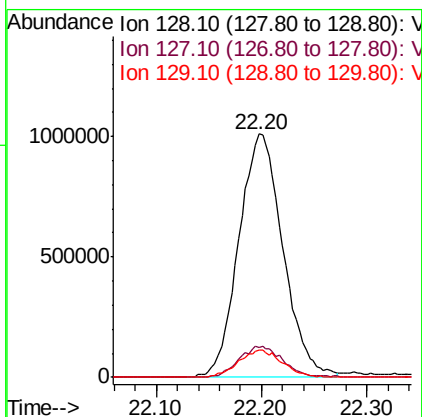
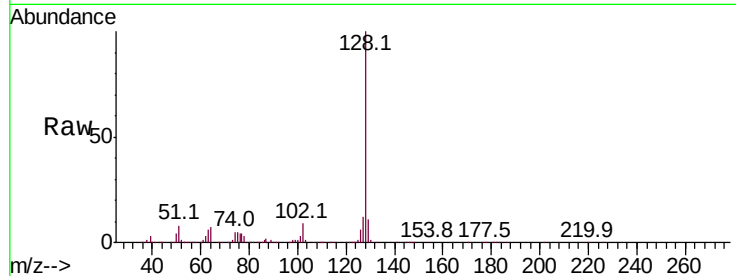


#79
Naphthalene
Concen: 10.904 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 28 Oct 2021 00:43

Tot Ion: 1
Ion Ratio
128 100
127 12.
129 11.

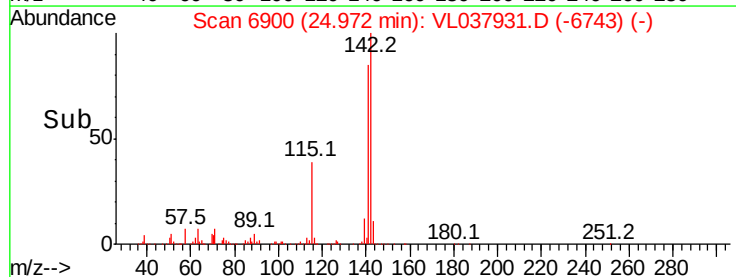
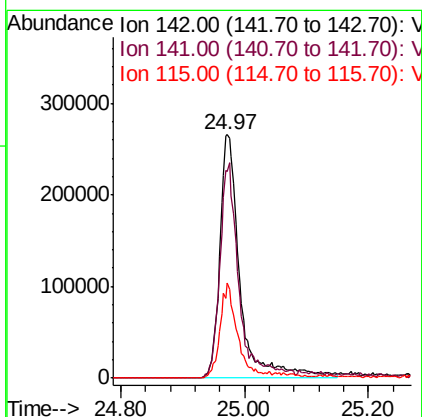
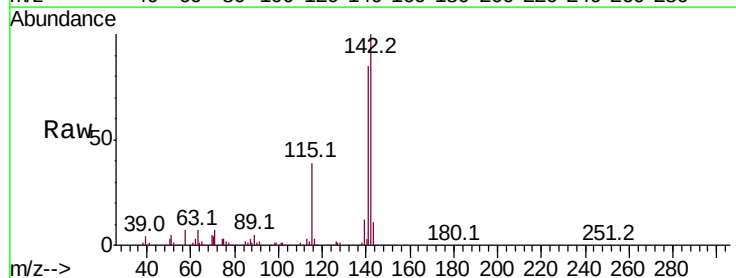
Manual Integrations
APPROVED

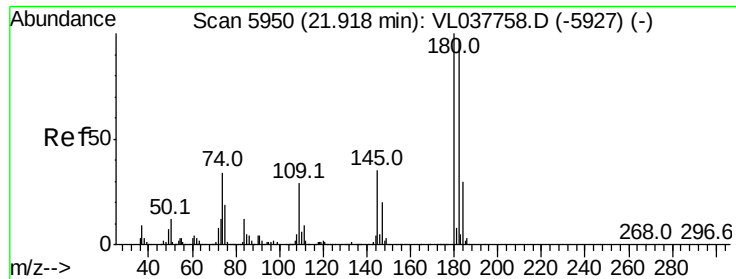
Reviewed By : Semsettin Yesilyurt 10/28/2021
Supervised By : Mahesh Dadoda 10/29/2021



#80
Naphthalene, 2-methyl-
Concen: 8.416 ppbv
RT: 24.97 min Scan# 6900
Delta R.T.: 0.00 min
Lab File: VL037931.D
Acq: 28 Oct 2021 00:43

Tgt Ion: 142 Resp: 606878
Ion Ratio Lower Upper
142 100
141 83.0 68.6 102.8
115 34.0 29.0 43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.325 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Oct 2021 08:43

Tot Ion:1
 Ion Rati
 180 100
 182 100.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021

