

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
 Data File : VL038334.D
 Acq On : 3 Feb 2022 15:04
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: Feb 04 09:13:51 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A

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

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 02/04/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	847523	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2359568	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2240374m	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1748227	10.28	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	1615423	8.954	ppbv	98
3) Chlorodifluoromethane	2.99	51	1467179	8.696	ppbv	100
4) Chloromethane	3.14	50	473521	8.158	ppbv	96
5) Vinyl Chloride	3.26	62	458258	7.910	ppbv	96
6) Bromomethane	3.47	94	172833	5.518	ppbv	88
7) Chloroethane	3.56	64	164339	8.398	ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	1151442	8.248	ppbv	98
9) Propene	3.01	41	458429	8.347	ppbv	99
10) Heptane	8.11	43	1154812	8.172	ppbv	100
11) Trichlorofluoromethane	3.95	101	1134693	8.073	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	819566	7.714	ppbv	96
13) Ethanol	3.60	45	57698m	9.786	ppbv	
14) Bromoethene	3.74	108	351648	8.470	ppbv	99
15) Acetone	3.84	43	689136	9.224	ppbv	99
16) 1,3-Butadiene	3.32	39	495227	9.237	ppbv	90
17) tert-Butyl alcohol	4.28	59	597563	7.287	ppbv	100
18) 1,1-Dichloroethene	4.29	96	367797	7.961	ppbv	97
19) Isopropyl Alcohol	3.96	45	357119	7.641	ppbv #	97
20) Methylene Chloride	4.34	84	297543	6.847	ppbv	95
21) Allyl Chloride	4.41	41	452114	6.840	ppbv	96
22) trans-1,2-Dichloroethene	4.88	96	364414	7.634	ppbv	96
23) Vinyl Acetate	5.06	43	862057	7.936	ppbv	99
24) 1,1-Dichloroethane	5.00	63	757107	7.824	ppbv	99
25) Ethyl Acetate	5.67	43	1758283	8.406	ppbv	98
26) Hexane	5.68	57	842123	8.655	ppbv	96
27) Carbon Disulfide	4.54	76	862027	7.573	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	764729	7.577	ppbv	99
29) Chloroform	5.74	83	1366968	8.607	ppbv	98
30) Cyclohexane	7.12	84	722300	8.526	ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	848778	10.001	ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	1356604	8.552	ppbv	99
34) 2-Butanone	5.24	43	777319	10.074	ppbv	99
35) Carbon Tetrachloride	7.01	117	1371875	8.283	ppbv	98
36) Benzene	6.88	78	1785238	8.554	ppbv	99
37) 1,2-Dichloroethane	6.29	62	1002653	8.387	ppbv	99
38) Trichloroethene	7.82	130	624485	8.032	ppbv	96
39) 1,2-Dichloropropane	7.60	63	689102	8.144	ppbv	99
40) 1,4-Dioxane	7.82	88	168544	8.276	ppbv	84
41) Tetrahydrofuran	6.04	42	396143	7.637	ppbv	98
42) Bromodichloromethane	7.78	83	1486964	8.384	ppbv	100
43) Methyl Methacrylate	8.00	69	680762	9.221	ppbv	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
 Data File : VL038334.D
 Acq On : 3 Feb 2022 15:04
 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 02/04/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Feb 04 09:13:51 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A

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

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3011479	8.187	ppbv	98
45) t-1,3-Dichloropropene	9.26	75	235432	3.925	ppbv	96
46) cis-1,3-Dichloropropene	8.69	75	389754	4.870	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	702727	8.452	ppbv	97
48) Dibromochloromethane	10.29	129	1205662	8.613	ppbv	99
49) Bromoform	13.02	173	929977	9.216	ppbv	100
50) 4-Methyl-2-Pentanone	8.73	43	1280746	9.304	ppbv	99
51) 2-Hexanone	10.12	43	622115	10.262	ppbv	96
52) Tetrachloroethene	11.21	164	561255	7.802	ppbv	99
53) Toluene	9.79	91	1986017	8.597	ppbv	99
54) 1,2-Dibromoethane	10.59	107	971613	8.220	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.11	131	801792	8.177	ppbv #	56
57) Chlorobenzene	12.13	112	1392177	7.765	ppbv	99
58) Ethyl Benzene	12.69	91	2632649	7.996	ppbv	98
59) m/p-Xylene	12.98	91	4319535m	15.377	ppbv	
60) o-Xylene	13.67	91	2053385	7.859	ppbv	99
61) Styrene	13.51	104	1009403	8.278	ppbv	99
62) Isopropylbenzene	14.65	105	2813494	8.078	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1499859	7.758	ppbv	100
64) n-propylbenzene	15.55	120	697342	8.323	ppbv	100
65) tert-Butylbenzene	16.73	119	2394238	8.346	ppbv	99
66) Benzyl Chloride	16.97	91	38996m	2.992	ppbv	
67) sec-Butylbenzene	17.28	105	3340609	8.371	ppbv	99
69) p-Isopropyltoluene	17.63	119	2604366	8.528	ppbv	99
70) n-Butylbenzene	18.53	91	2605318	8.710	ppbv	100
71) 2-Chlorotoluene	15.44	91	2108195	8.172	ppbv	100
72) 4-Ethyltoluene	15.82	105	2254042	8.250	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	1985617	8.081	ppbv	99
74) 1,2,4-Trimethylbenzene	16.74	105	2022191	7.812	ppbv #	91
75) 1,3-Dichlorobenzene	16.98	146	1116135	8.035	ppbv	100
76) 1,4-Dichlorobenzene	17.12	146	1050267	7.809	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	1070231	8.295	ppbv	100
78) Hexachloro-1,3-Butadiene	23.36	225	615051	6.857	ppbv	99
79) Naphthalene	22.17	128	982238	8.116	ppbv	98
80) Naphthalene,2-methyl-	24.96	142	129564	9.844	ppbv	96
81) 1,2,4-Trichlorobenzene	21.90	180	562837	7.907	ppbv	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
Data File : VL038334.D
Acq On : 3 Feb 2022 15:04
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

Quant Time: Feb 04 09:13:51 2022

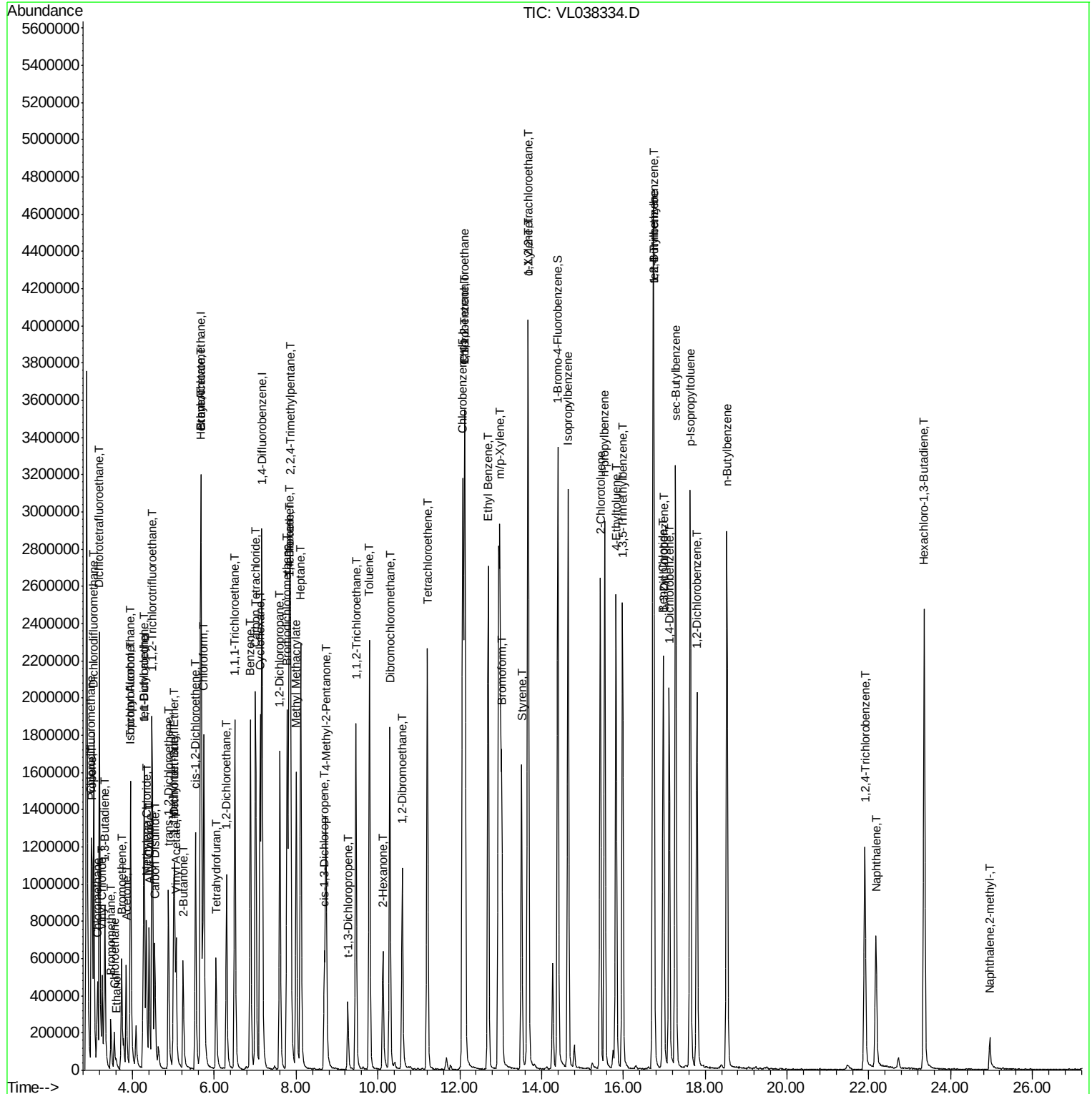
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422

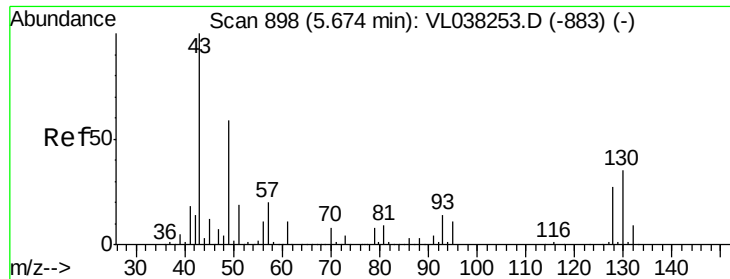
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Feb 2022 15:04 VSTDCCC010EC

Tgt Ion:

Ion Ratio

49 100

128 51.

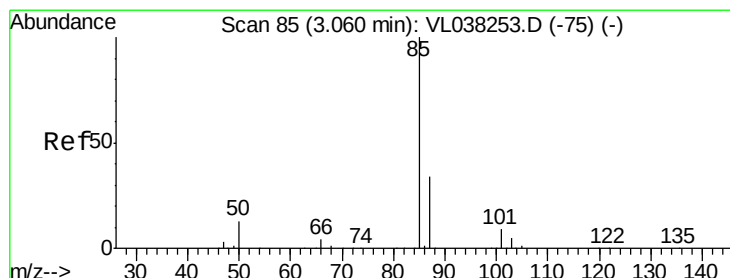
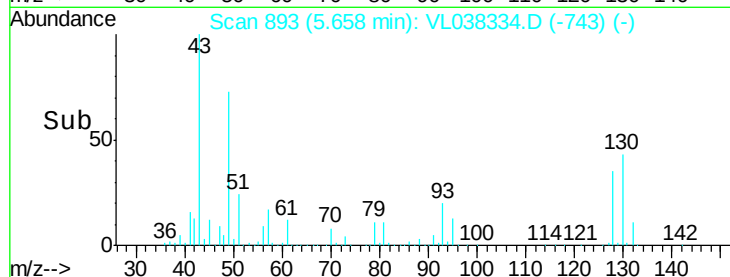
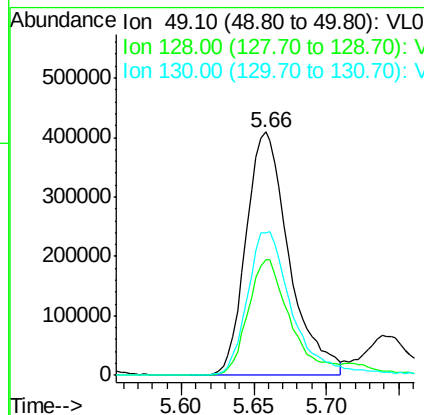
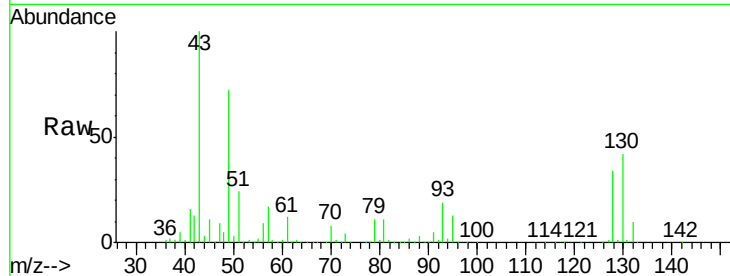
130 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#2

Dichlorodifluoromethane

Concen: 8.954 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.01 min

Lab File: VL038334.D

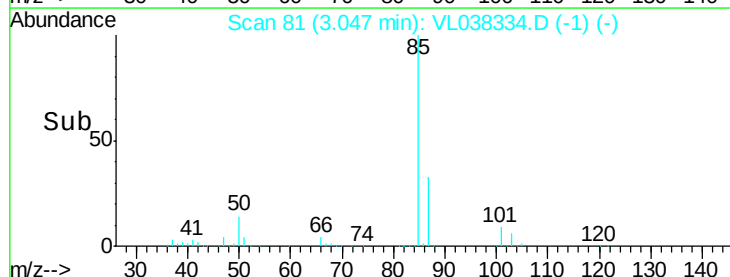
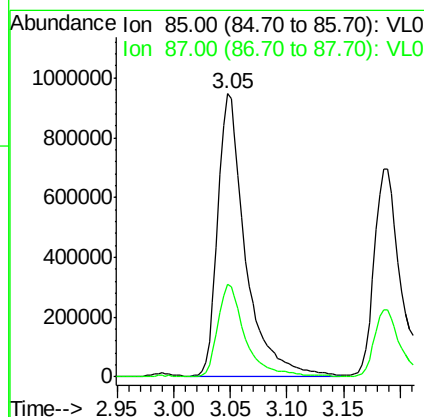
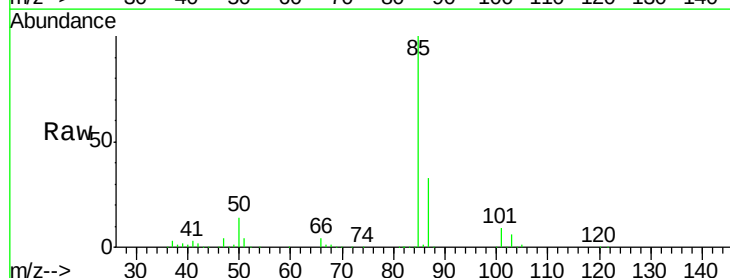
Acq: 3 Feb 2022 15:04

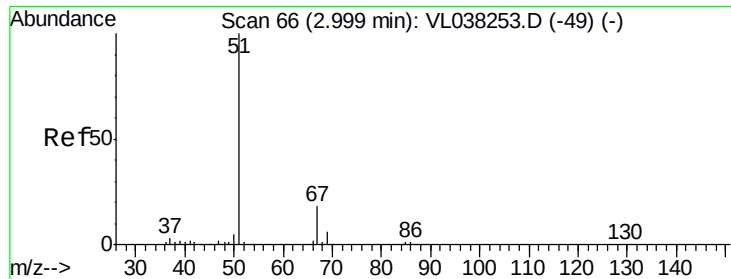
Tgt Ion: 85 Resp: 1615423

Ion Ratio Lower Upper

85 100

87 32.6 27.0 40.6





#3

Chlorodifluoromethane

Concen: 8.696 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Feb 2022 15:04 VSTDCCC010EC

Tgt Ion:

Ion Ratio

51 100

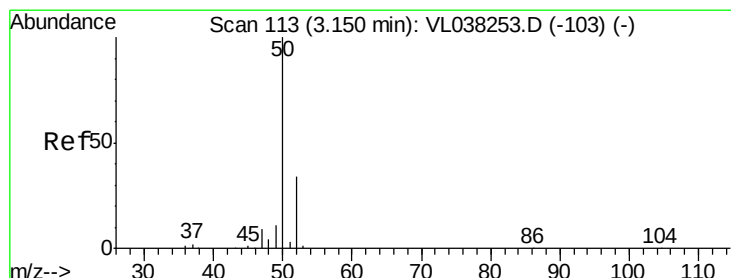
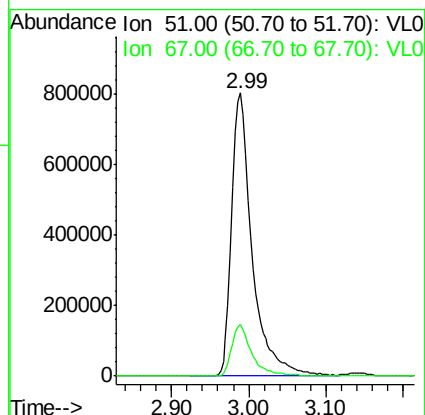
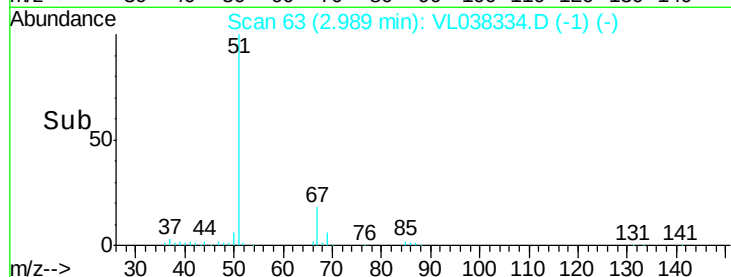
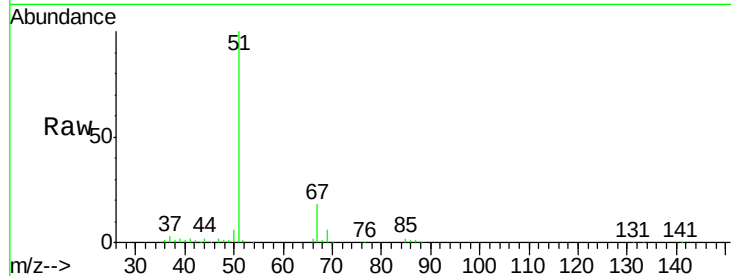
67 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#4

Chloromethane

Concen: 8.158 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.01 min

Lab File: VL038334.D

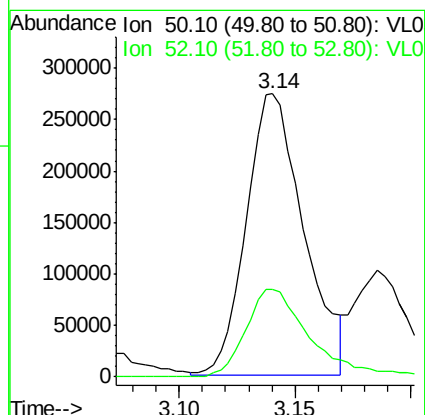
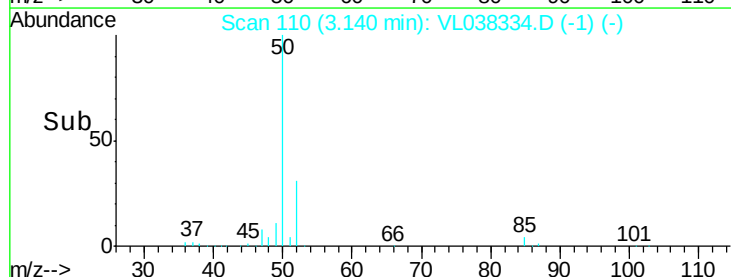
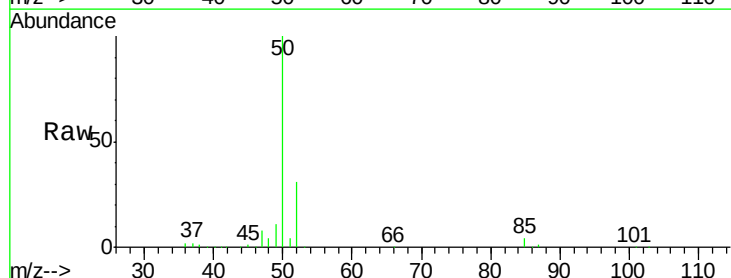
Acq: 3 Feb 2022 15:04

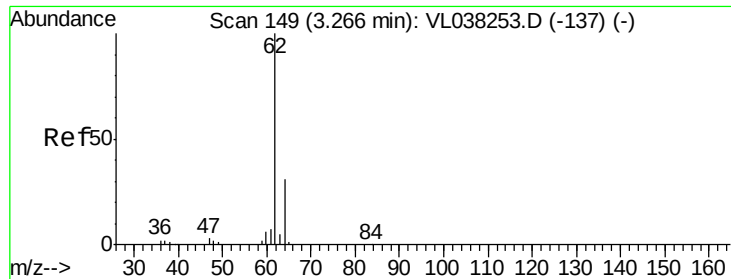
Tgt Ion: 50 Resp: 473521

Ion Ratio Lower Upper

50 100

52 31.6 27.1 40.7





#5

Vinyl Chloride

Concen: 7.910 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 3 Feb 2022 15:04

Tgt Ion:

Ion Ratio

62 100

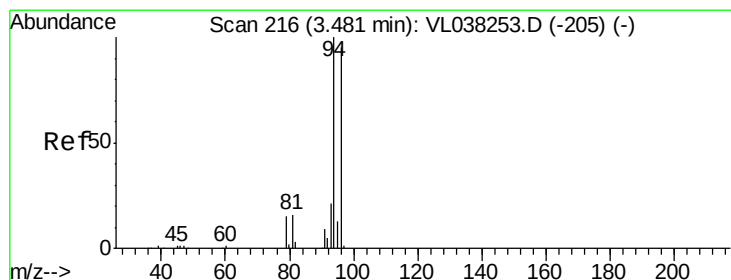
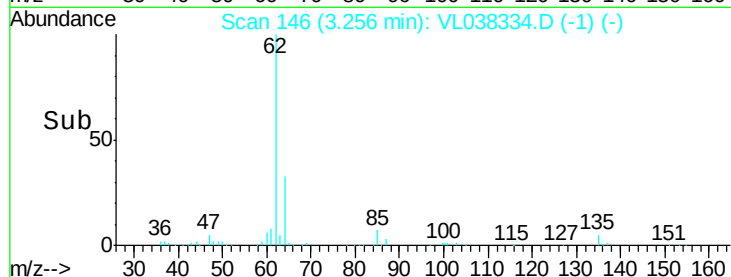
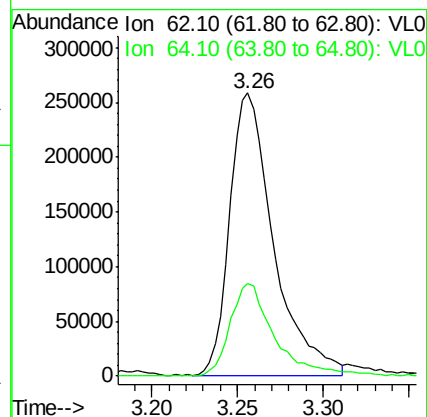
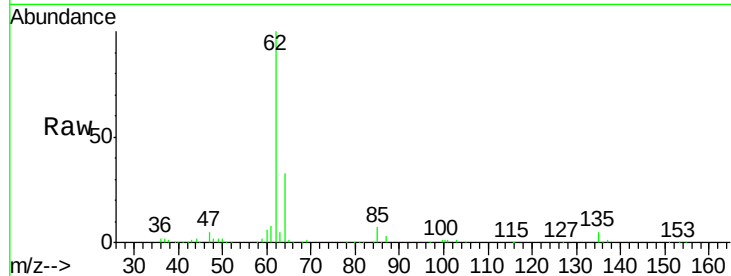
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#6

Bromomethane

Concen: 5.518 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL038334.D

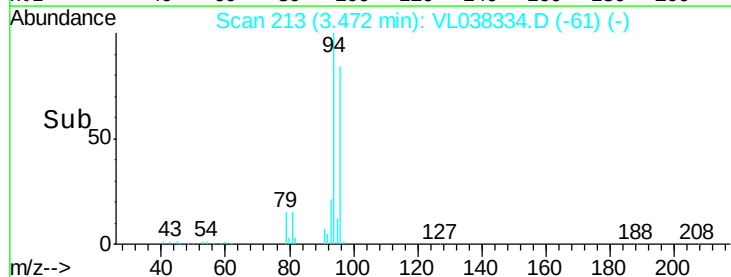
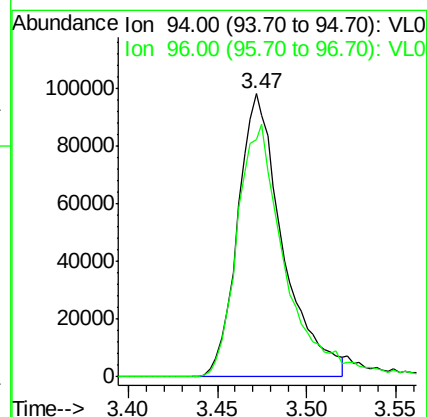
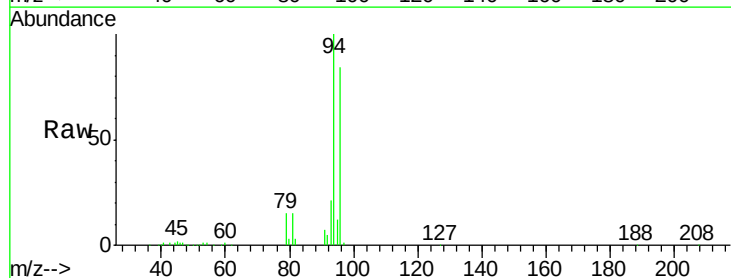
Acq: 3 Feb 2022 15:04

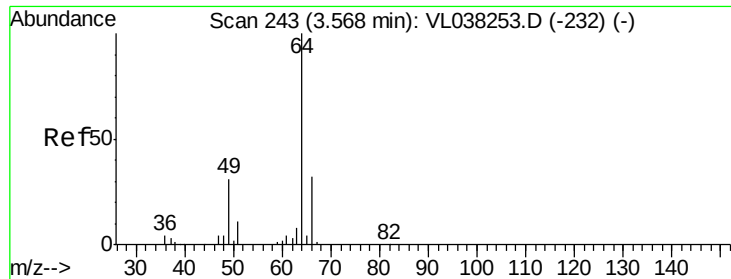
Tgt Ion: 94 Resp: 172833

Ion Ratio Lower Upper

94 100

96 83.8 76.0 114.0





#7

Chloroethane

Concen: 8.398 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Feb 2022 15:04 VSTDCCC010EC

Tgt Ion:

Ion Ratio

64 100

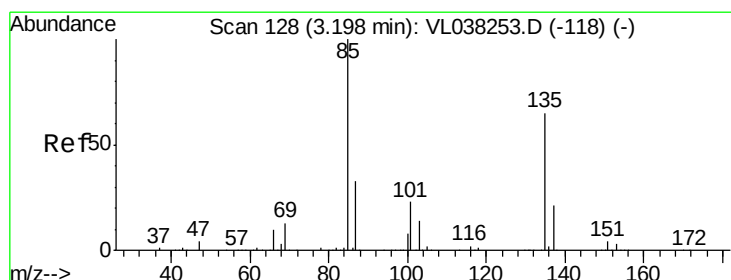
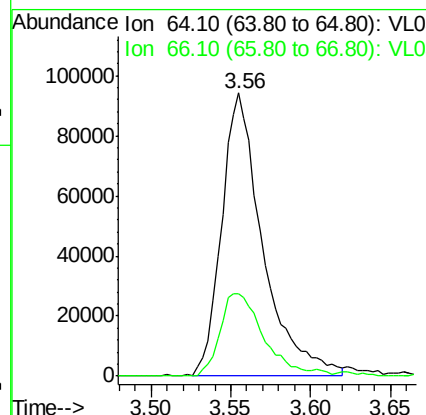
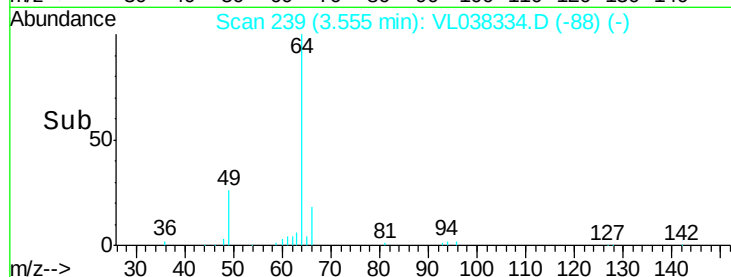
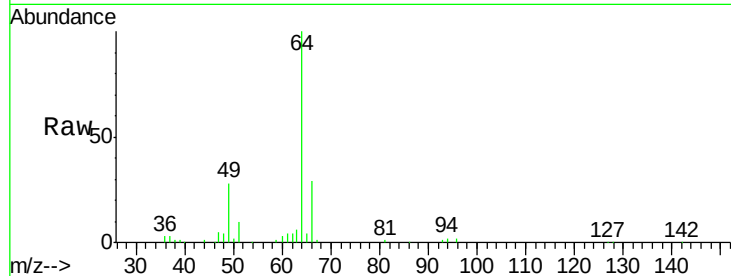
66 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#8

Dichlorotetrafluoroethane

Concen: 8.248 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.01 min

Lab File: VL038334.D

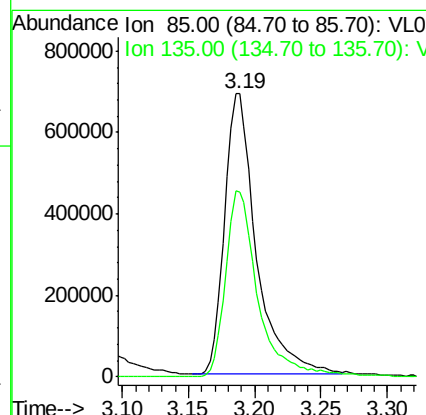
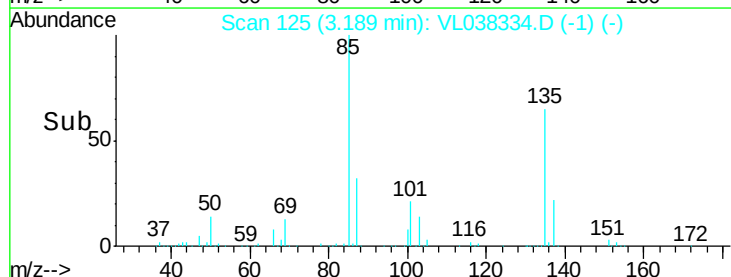
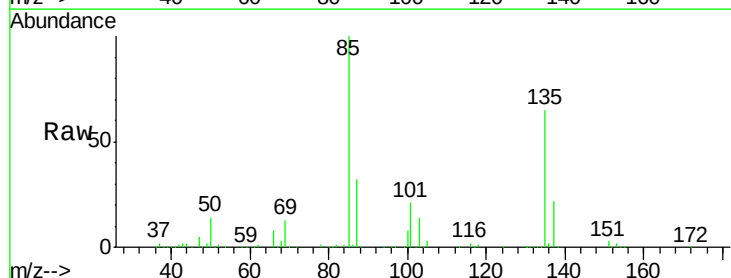
Acq: 3 Feb 2022 15:04

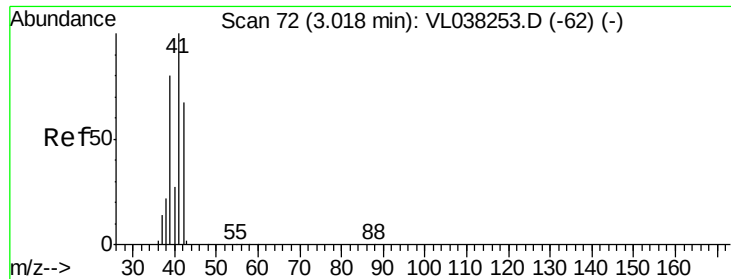
Tgt Ion: 85 Resp: 1151442

Ion Ratio Lower Upper

85 100

135 68.7 53.7 80.5



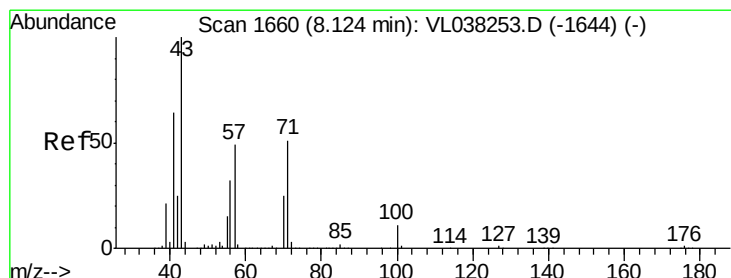
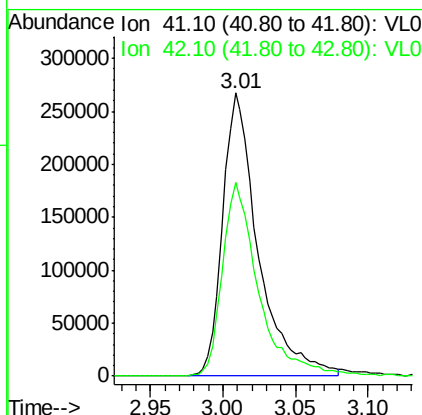
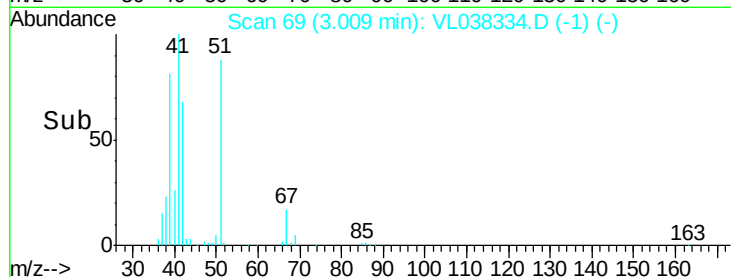
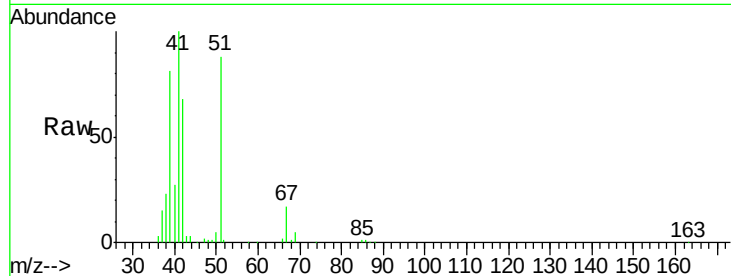


#9
 Propene
 Concen: 8.347 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

Tgt Ion:
 Ion Ratio
 41 100
 42 69.

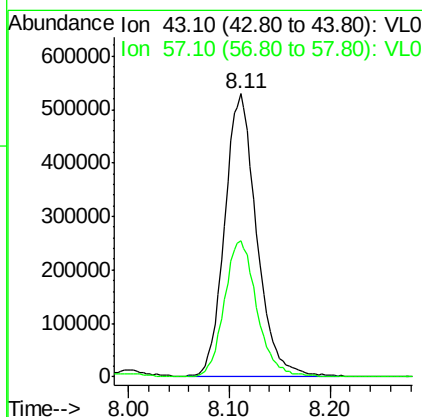
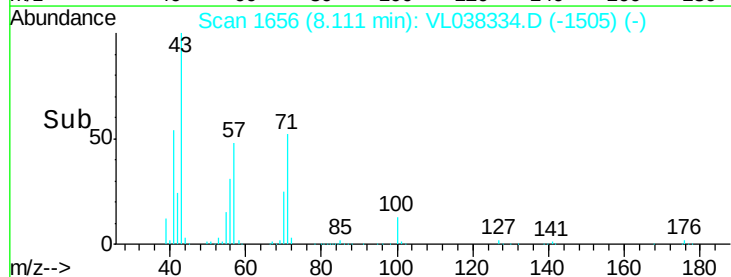
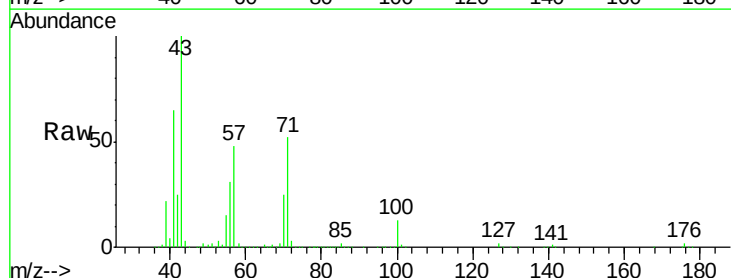
Manual Integrations
 APPROVED

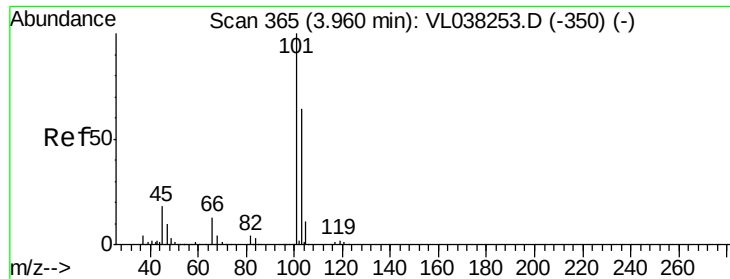
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#10
 Heptane
 Concen: 8.172 ppbv
 RT: 8.11 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion: 43 Resp: 1154812
 Ion Ratio Lower Upper
 43 100
 57 49.6 39.5 59.3



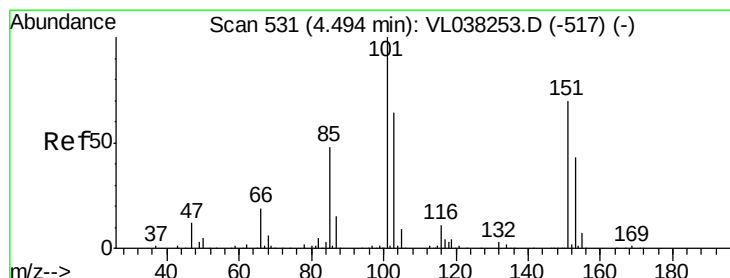
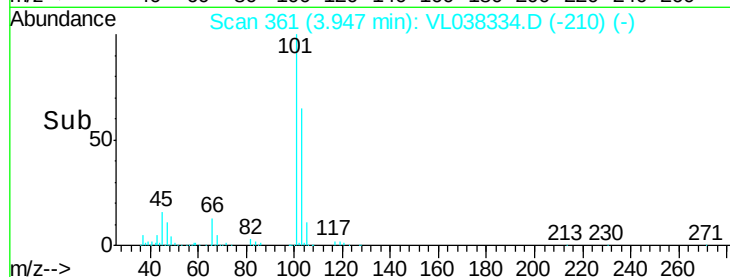
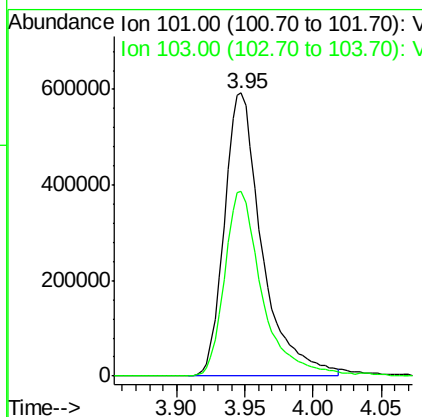
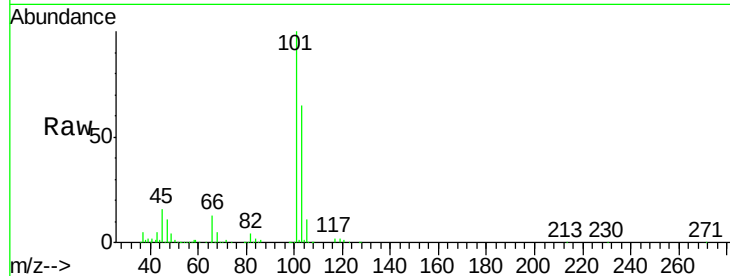


#11
 Trichlorofluoromethane
 Concen: 8.073 ppbv
 RT: 3.95
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

Tgt Ion:1
 Ion Rati
 101 100
 103 65.

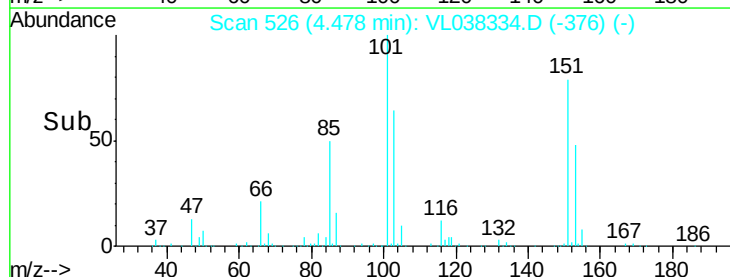
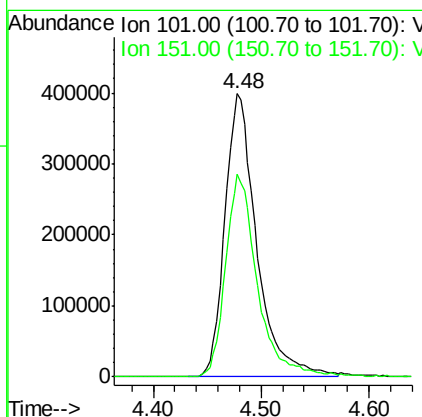
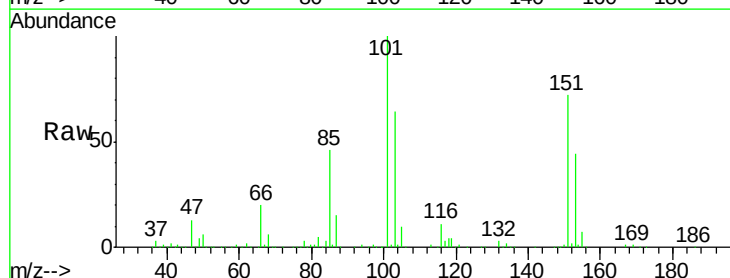
Manual Integrations
 APPROVED

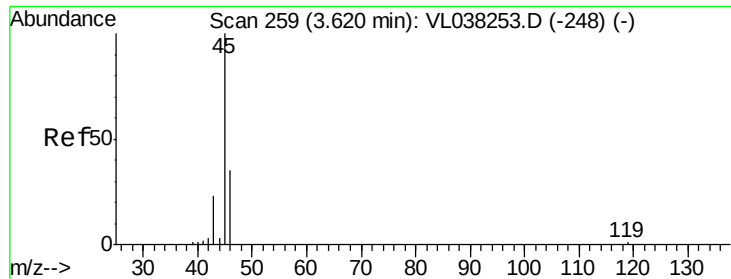
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.714 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion:101 Resp: 819566
 Ion Ratio Lower Upper
 101 100
 151 72.1 55.3 82.9



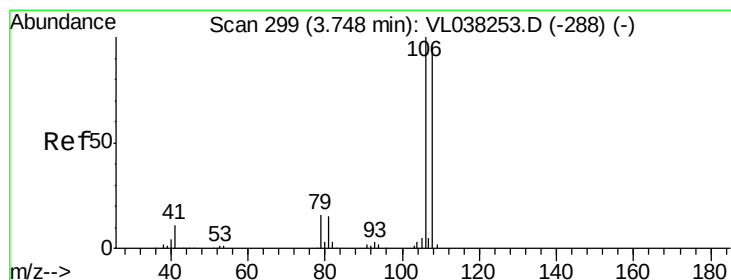
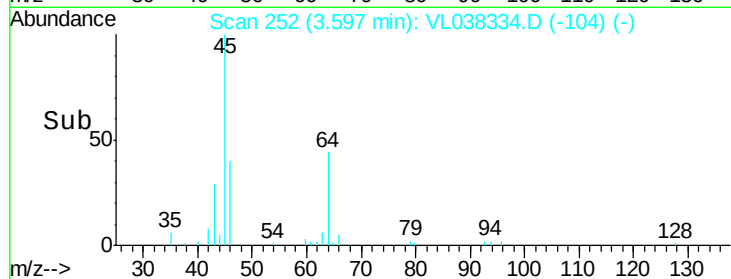
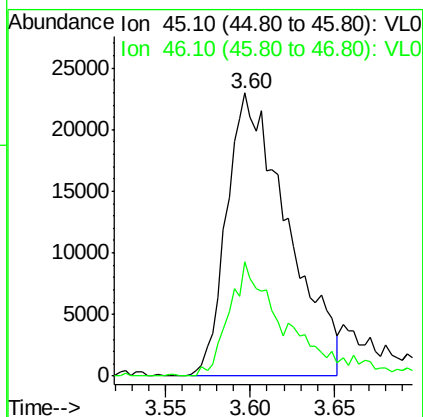
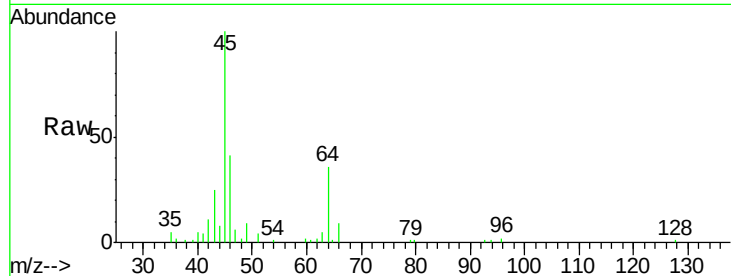


#13
Ethanol
Concen: 9.786 ppbv m
RT: 3.60
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 3 Feb 2022 15:04

Tgt Ion:
Ion Ratio
45 100
46 0.

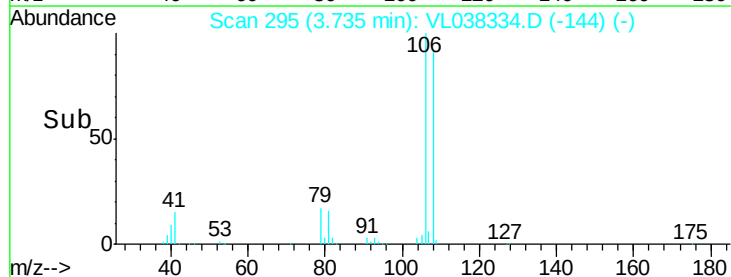
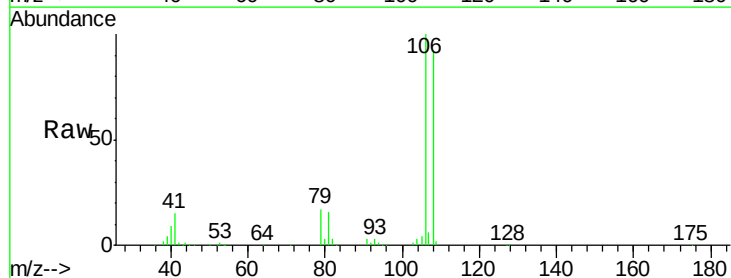
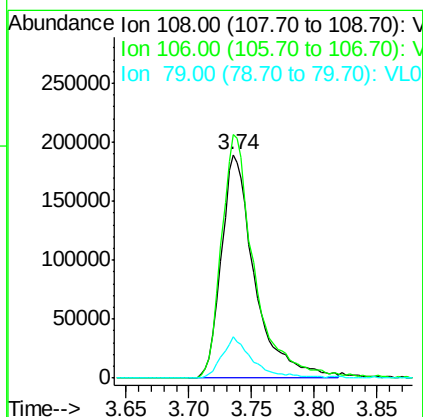
Manual Integrations
APPROVED

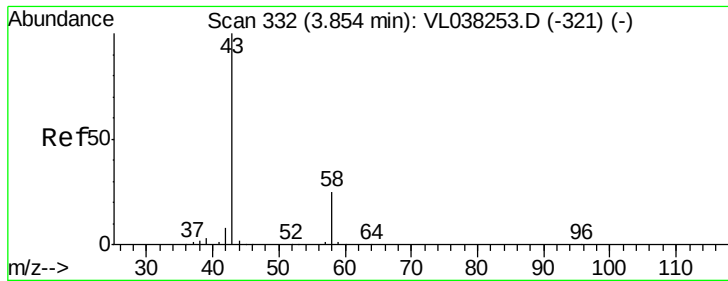
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#14
Bromoethene
Concen: 8.470 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:108 Resp: 351648
Ion Ratio Lower Upper
108 100
106 108.9 86.4 129.6
79 18.0 14.1 21.1





#15

Acetone

Concen: 9.224 ppbv

RT: 3.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 15:04 VSTDCCC010EC

Tgt Ion:

Ion Ratio

43 100

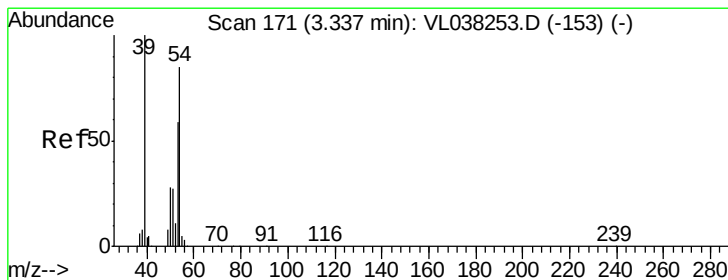
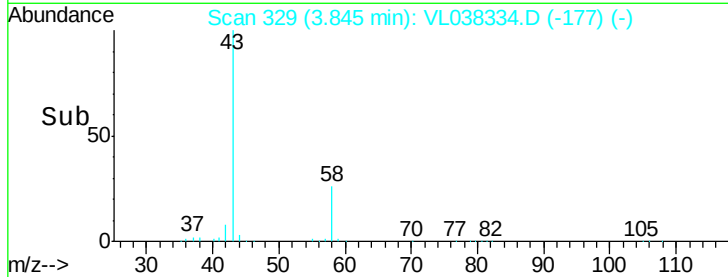
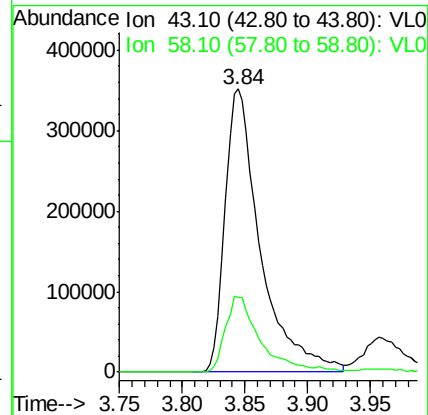
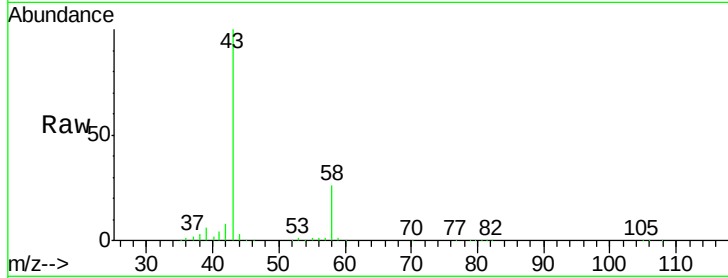
58 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#16

1,3-Butadiene

Concen: 9.237 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.01 min

Lab File: VL038334.D

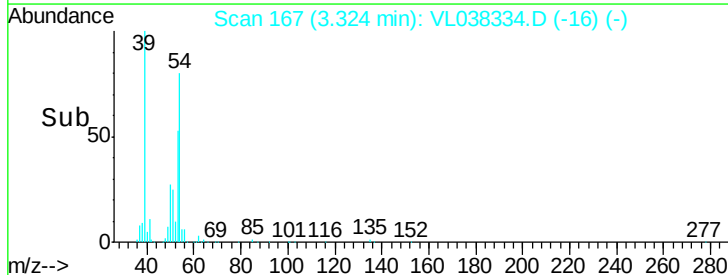
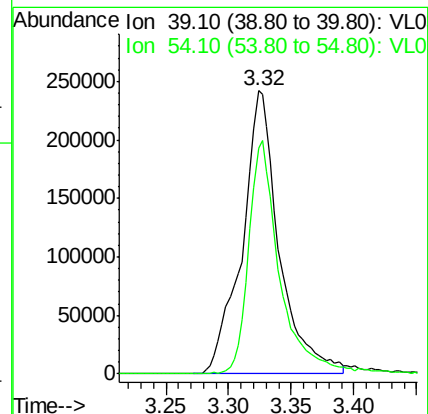
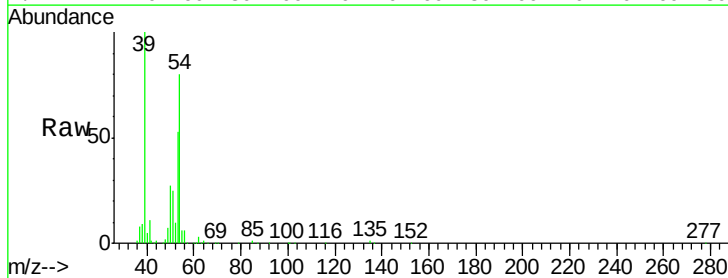
Acq: 3 Feb 2022 15:04

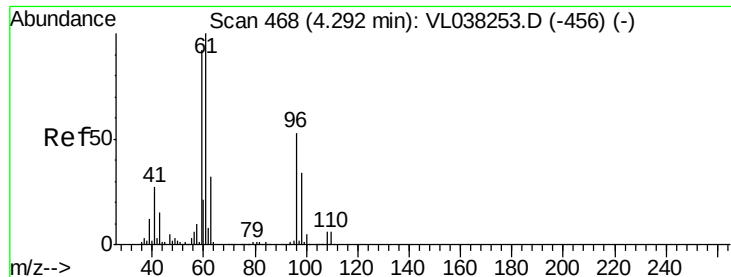
Tgt Ion: 39 Resp: 495227

Ion Ratio Lower Upper

39 100

54 69.9 62.6 94.0





#17

tert-Butyl alcohol

Concen: 7.287 ppbv

RT: 4.28 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 3 Feb 2022 15:04 VSTDCCC010EC

Tgt Ion:

Ion Ratio

59 100

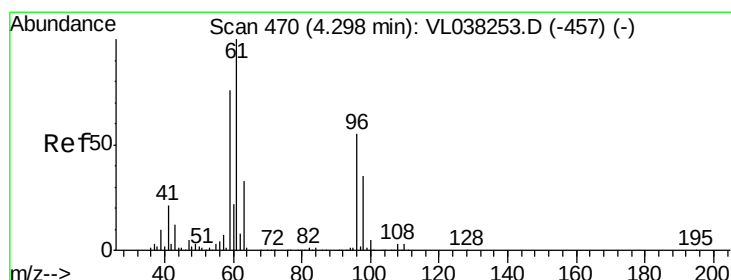
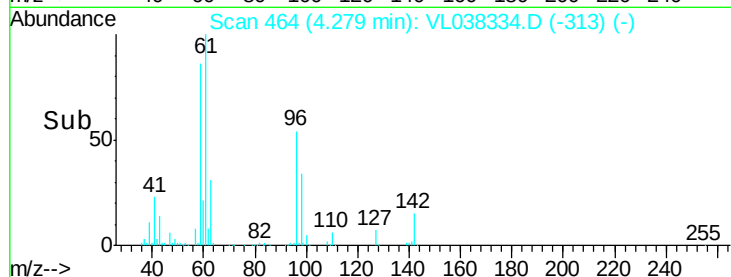
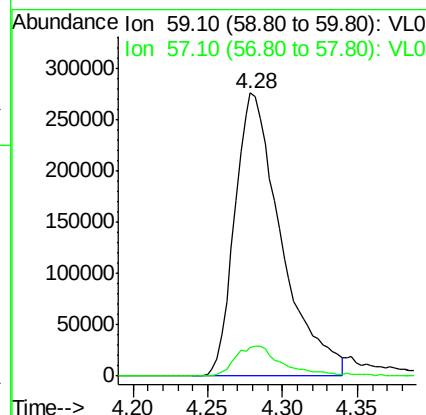
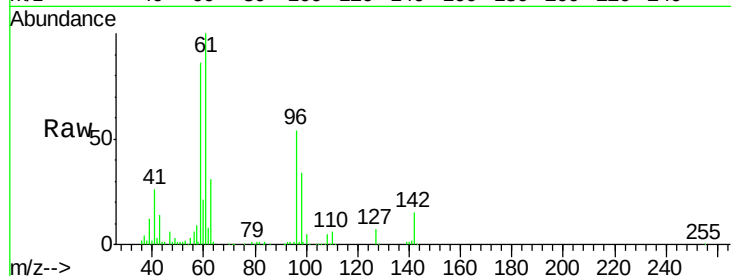
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#18

1,1-Dichloroethene

Concen: 7.961 ppbv

RT: 4.29 min Scan# 466

Delta R.T. -0.01 min

Lab File: VL038334.D

Acq: 3 Feb 2022 15:04

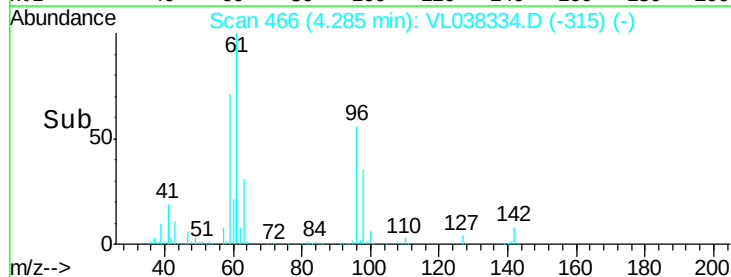
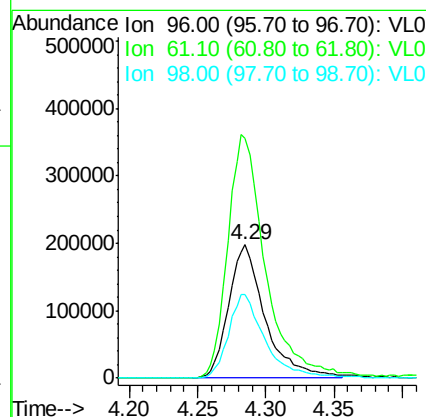
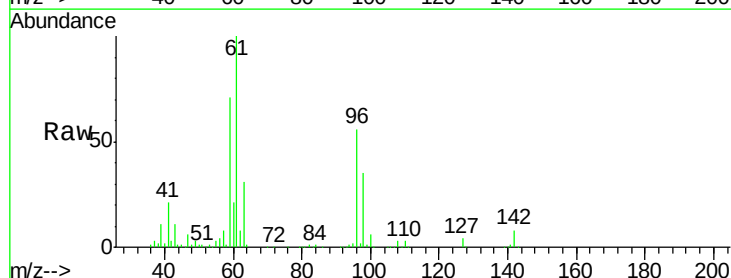
Tgt Ion: 96 Resp: 367797

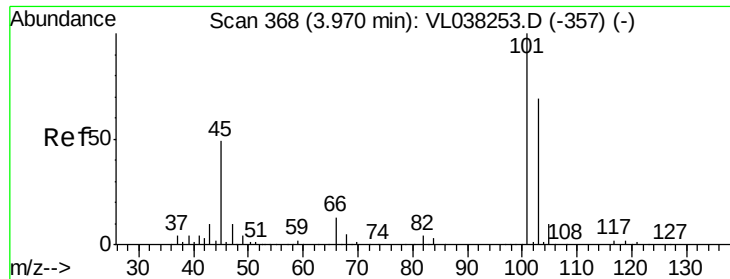
Ion Ratio Lower Upper

96 100

61 179.8 146.5 219.7

98 62.5 51.9 77.9



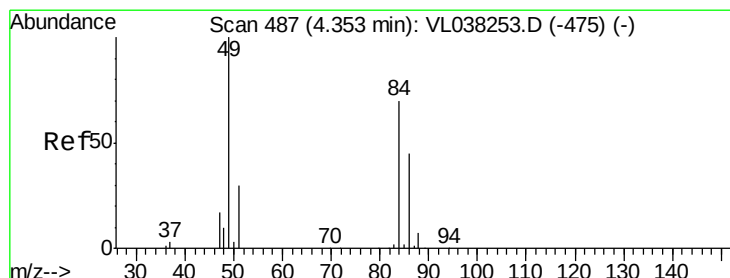
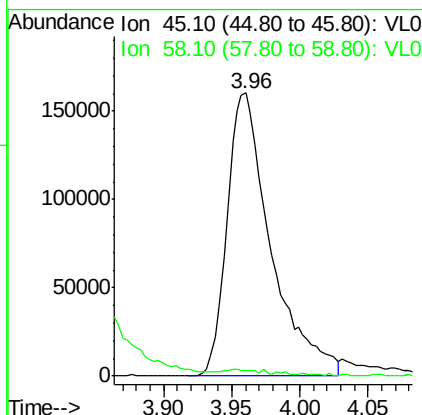
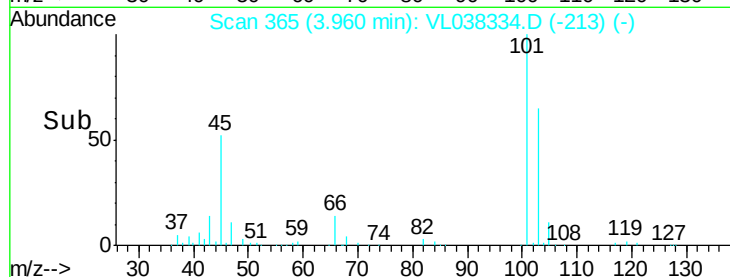
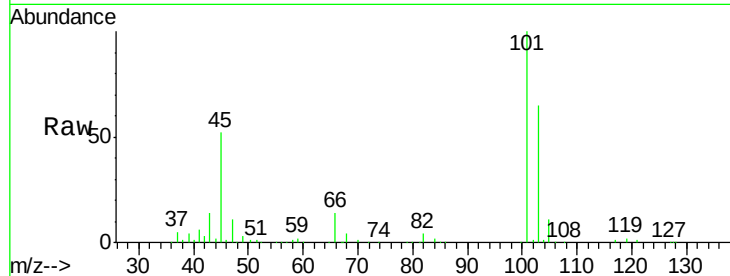


#19
Isopropyl Alcohol
Concen: 7.641 ppbv
RT: 3.96
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Feb 2022 15:04

Tgt Ion:
Ion Ratio
45 100
58 1.

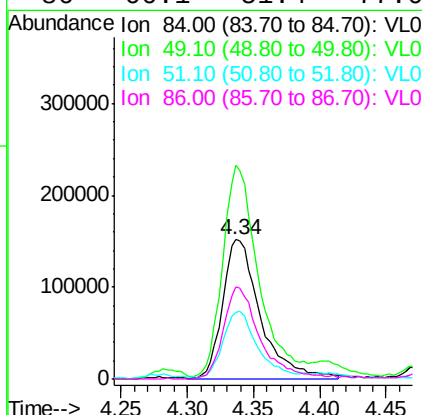
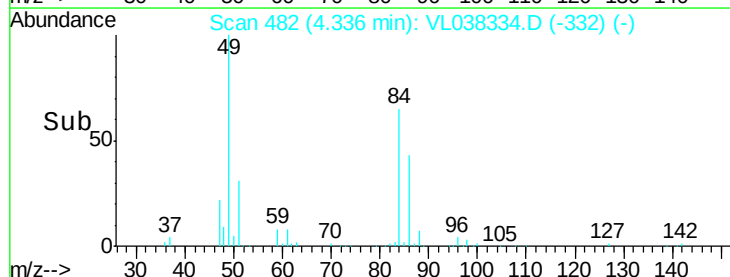
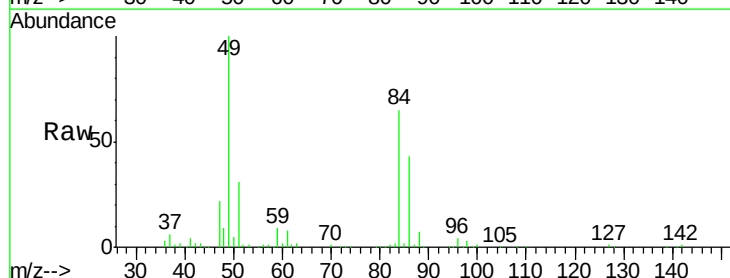
Manual Integrations
APPROVED

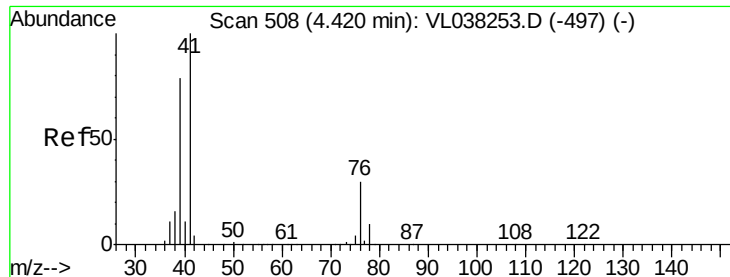
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#20
Methylene Chloride
Concen: 6.847 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 84 Resp: 297543
Ion Ratio Lower Upper
84 100
49 152.3 115.0 172.6
51 46.5 35.0 52.6
86 66.1 51.4 77.0





#21

Allyl Chloride

Concen: 6.840 ppbv

RT: 4.41 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Feb 2022 15:04 VSTDC010EC

Tgt Ion:

Ion Ratio

41 100

76 32.

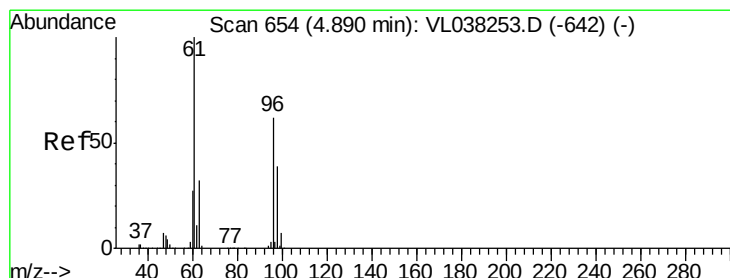
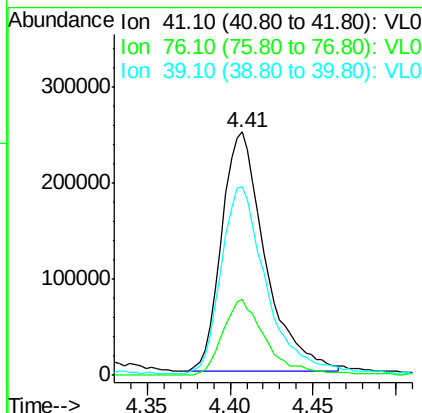
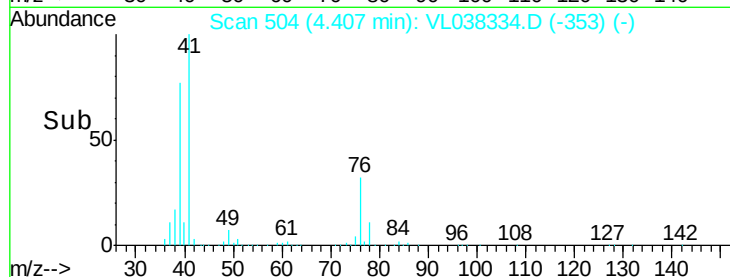
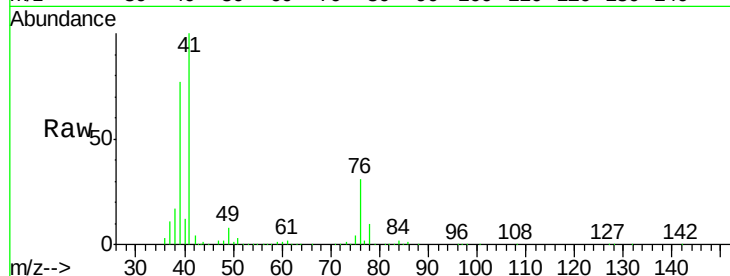
39 82.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#22

trans-1,2-Dichloroethene

Concen: 7.634 ppbv

RT: 4.88 min Scan# 651

Delta R.T. -0.01 min

Lab File: VL038334.D

Acq: 3 Feb 2022 15:04

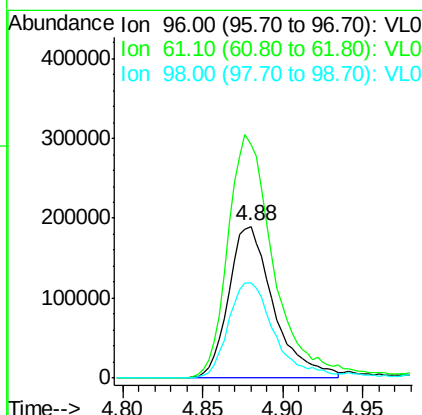
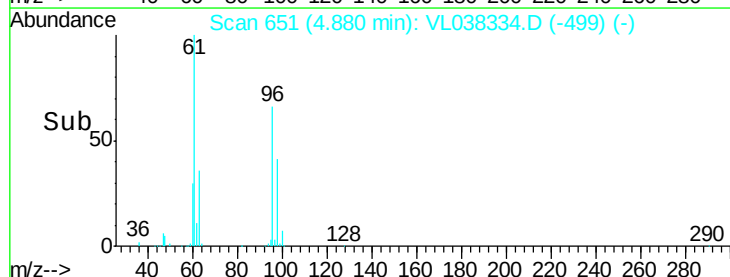
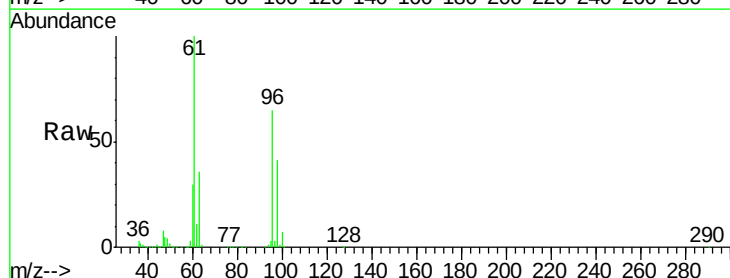
Tgt Ion: 96 Resp: 364414

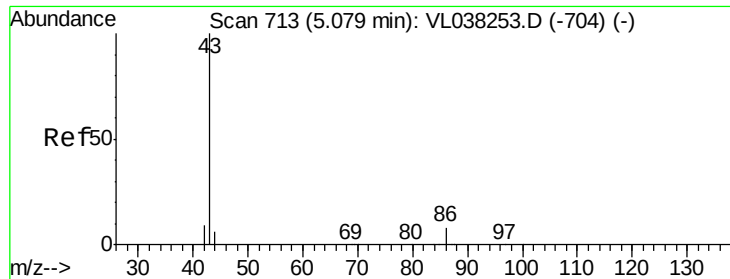
Ion Ratio Lower Upper

96 100

61 153.4 128.8 193.2

98 62.7 49.8 74.8



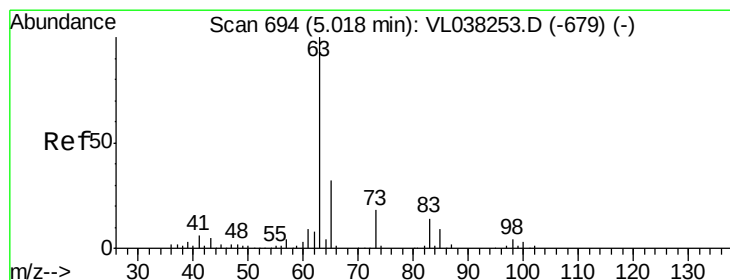
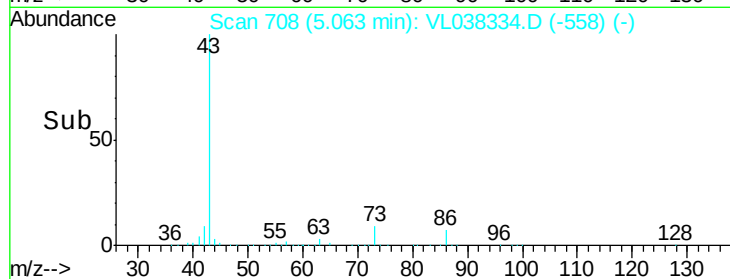
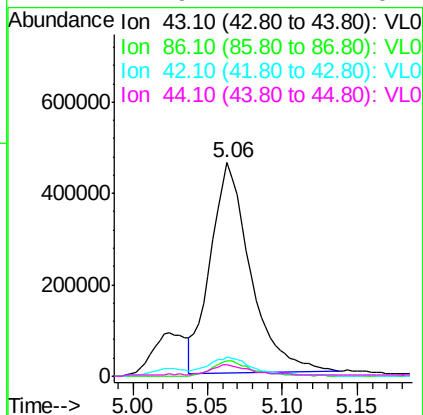
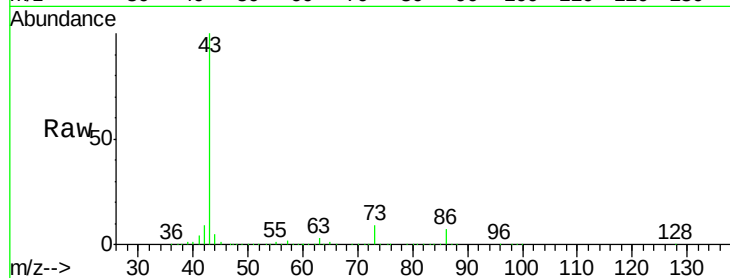


#23
 Vinyl Acetate
 Concen: 7.936 ppbv
 RT: 5.06
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

Tgt Ion:
 Ion Ratio
 43 100
 86 6.
 42 9.
 44 4.9 4.2 6.4

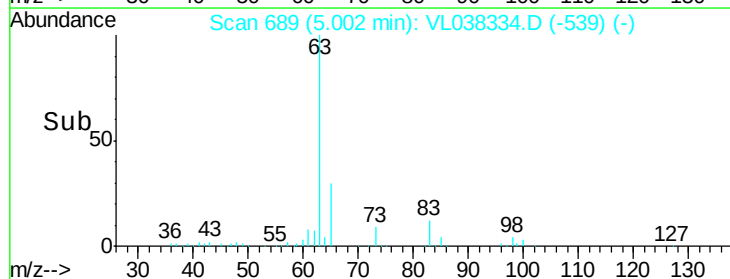
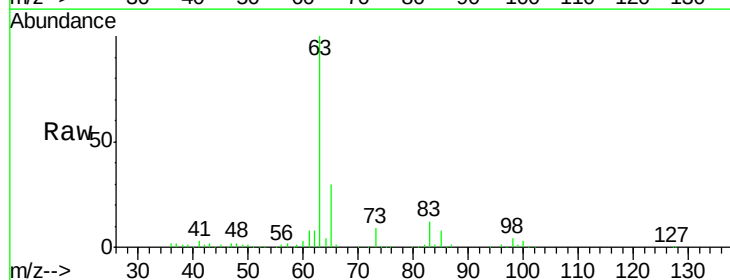
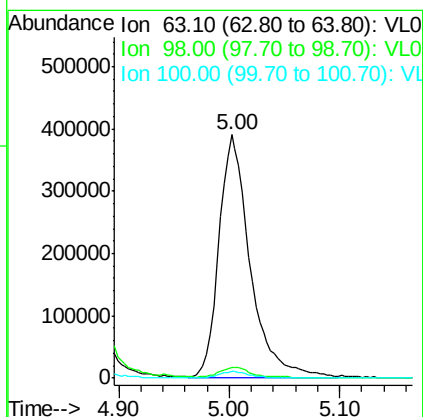
Manual Integrations
 APPROVED

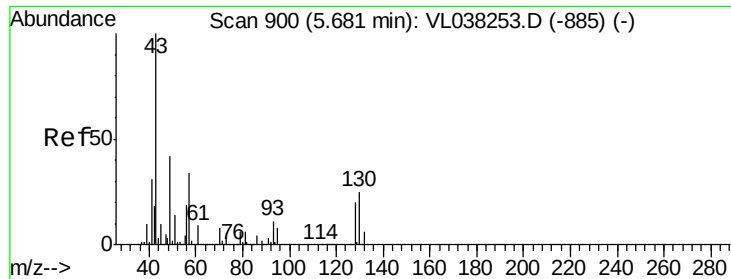
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#24
 1,1-Dichloroethane
 Concen: 7.824 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion: 63 Resp: 757107
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.3 6.8
 100 3.0 1.3 3.9



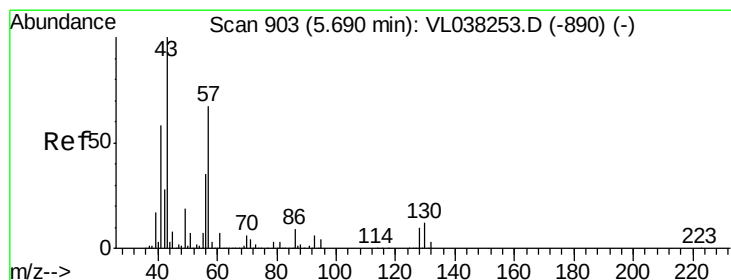
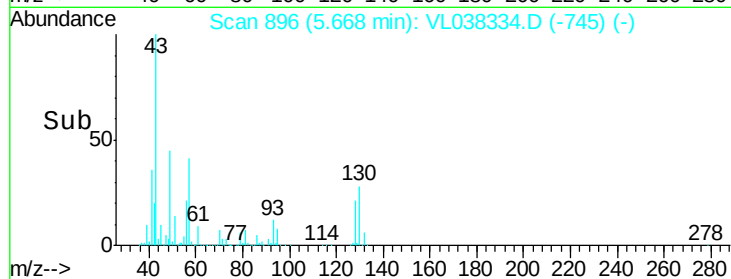
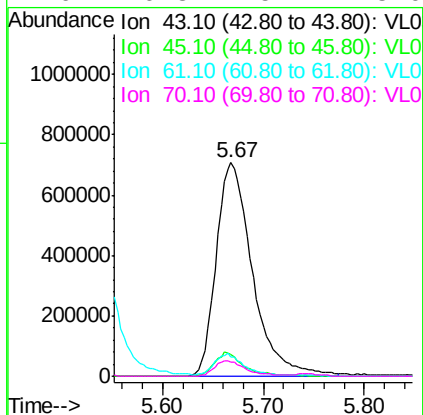
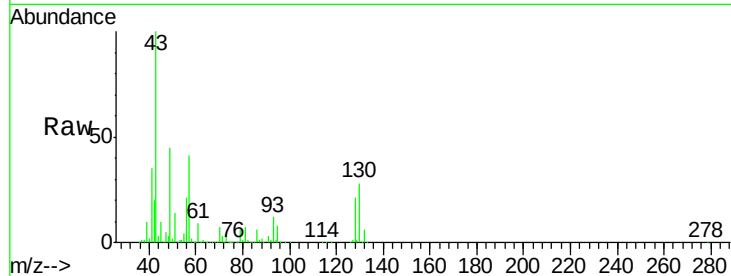


#25
Ethyl Acetate
Concen: 8.406 ppbv
RT: 5.67
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Feb 2022 15:04

Tgt Ion: 43
Ion Ratio: 100
45 9.
61 9.
70 6.3 5.4 8.0

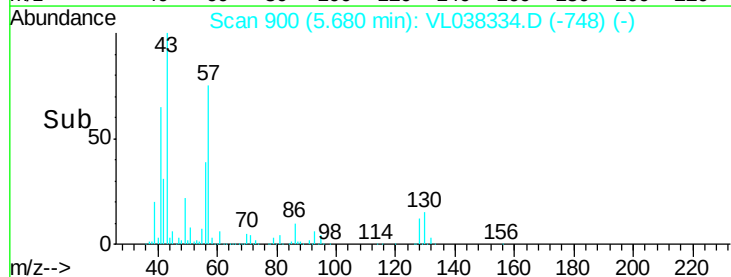
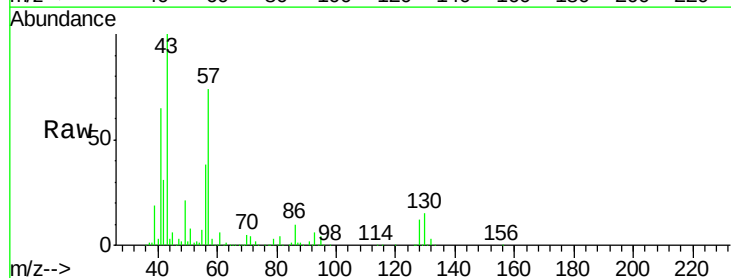
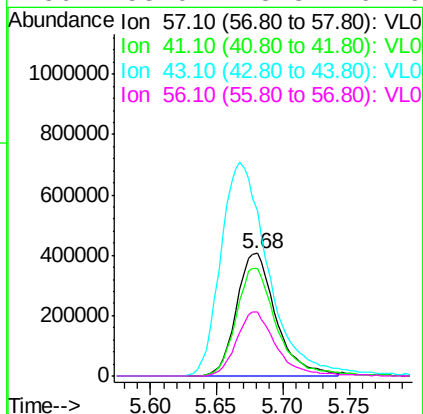
Manual Integrations
APPROVED

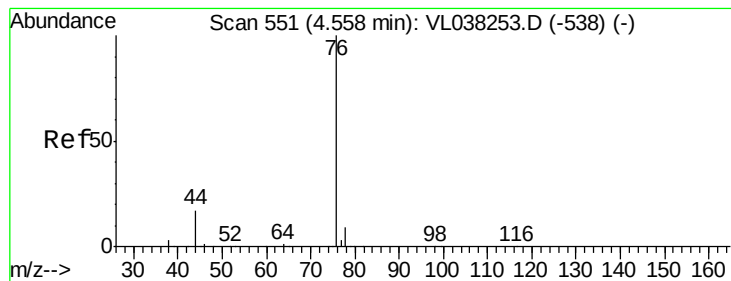
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#26
Hexane
Concen: 8.655 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 57
Ion Ratio: 100
41 91.0 72.8 109.2
43 211.7 177.0 265.6
56 53.0 43.3 64.9





#27

Carbon Disulfide

Concen: 7.573 ppbv

RT: 4.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 3 Feb 2022 15:04 VSTDCCC010EC

Tgt Ion:

Ion Ratio

76 100

44 18.

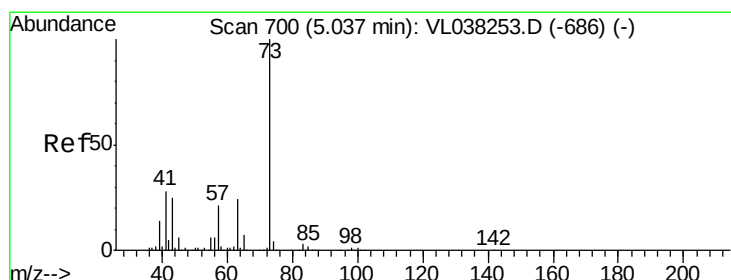
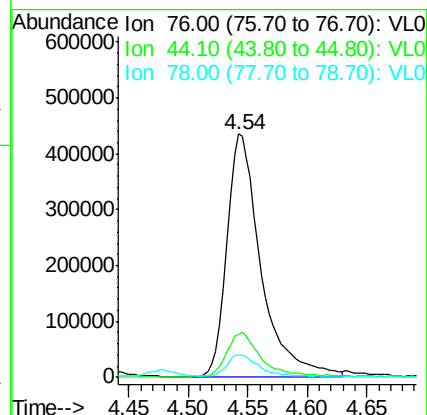
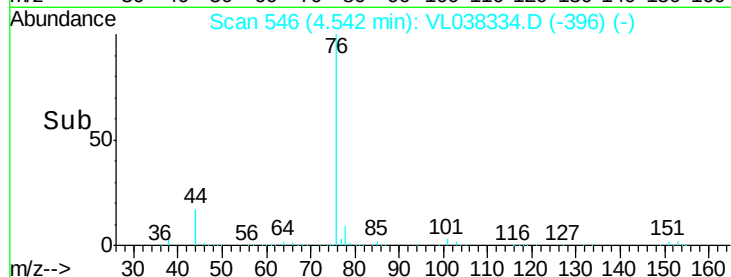
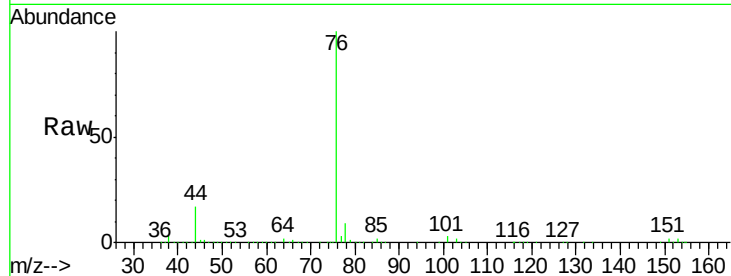
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#28

Methyl tert-Butyl Ether

Concen: 7.577 ppbv

RT: 5.02 min Scan# 696

Delta R.T. -0.01 min

Lab File: VL038334.D

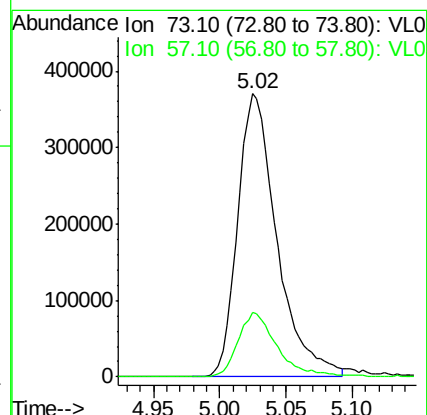
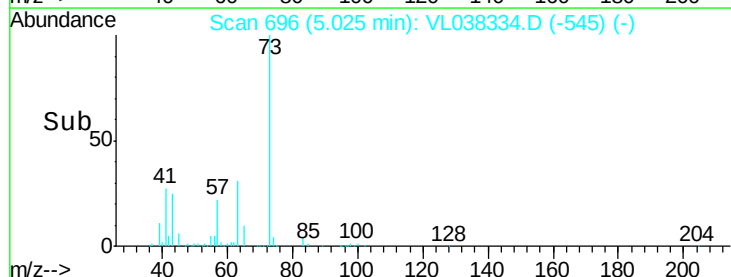
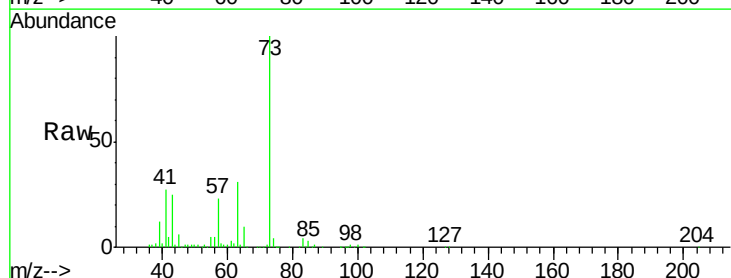
Acq: 3 Feb 2022 15:04

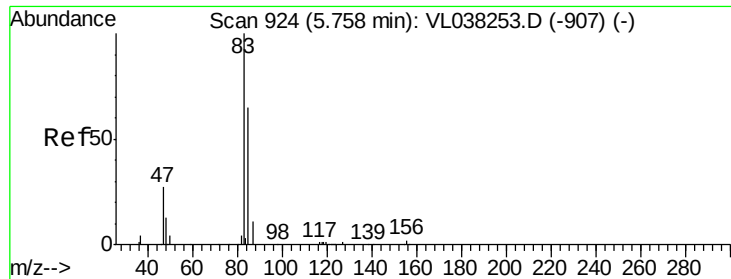
Tgt Ion: 73 Resp: 764729

Ion Ratio Lower Upper

73 100

57 23.1 18.2 27.4



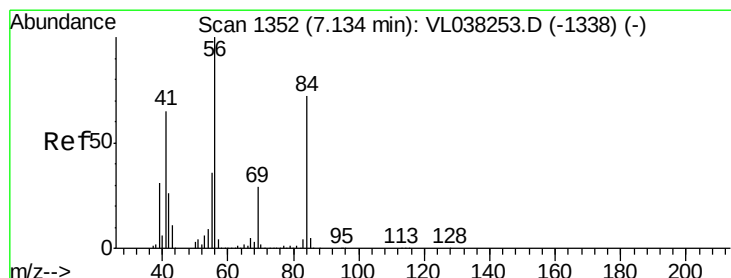
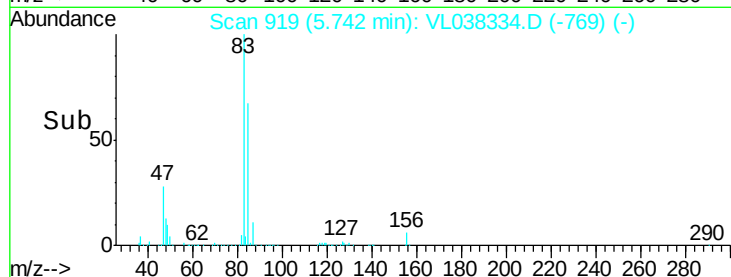
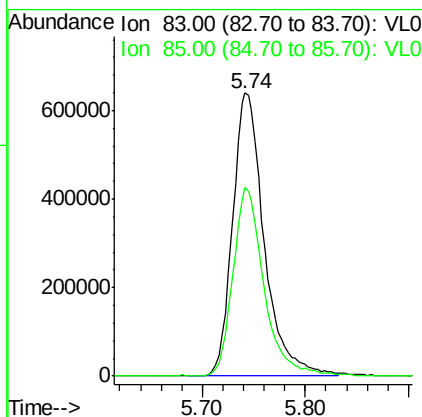
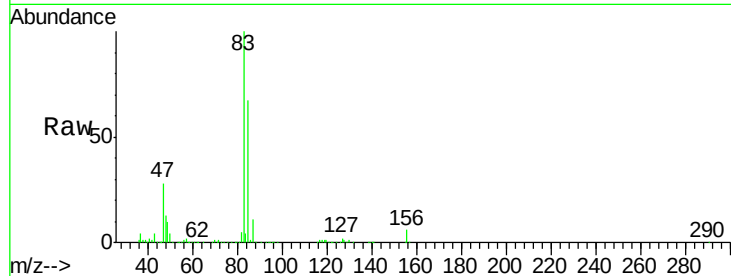


#29
Chloroform
Concen: 8.607 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Feb 2022 15:04 VSTDCCC010EC

Tgt Ion:
Ion Ratio
83 100
85 66.

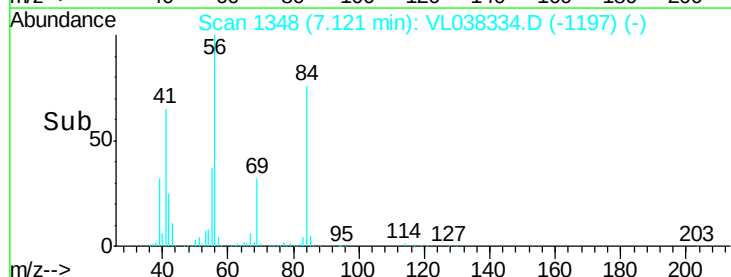
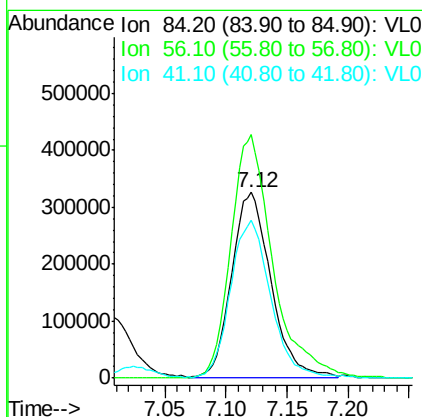
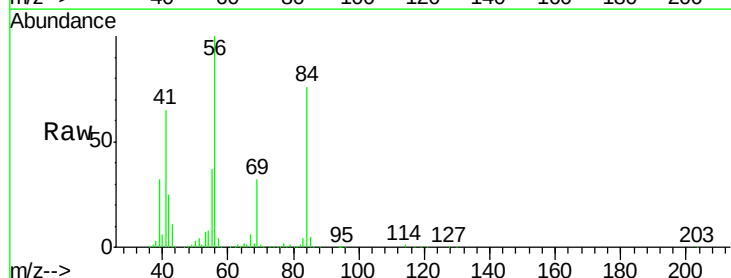
Manual Integrations
APPROVED

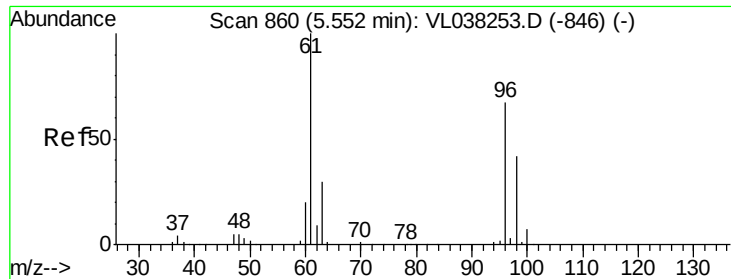
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#30
Cyclohexane
Concen: 8.526 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 84 Resp: 722300
Ion Ratio Lower Upper
84 100
56 142.3 112.7 169.1
41 88.5 71.1 106.7





#31

cis-1,2-Dichloroethene

Concen: 10.001 ppbv

RT: 5.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Feb 2022 15:04 VSTDCCC010EC

Tgt Ion:

Ion Ratio

61 100

96 65.

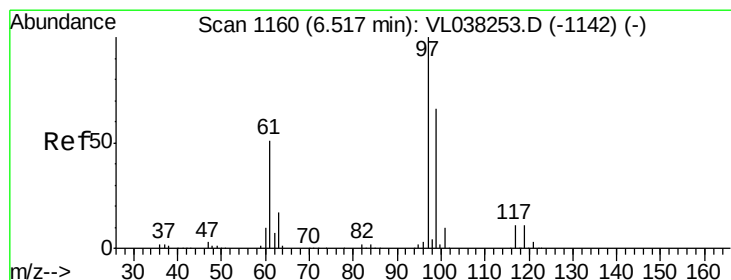
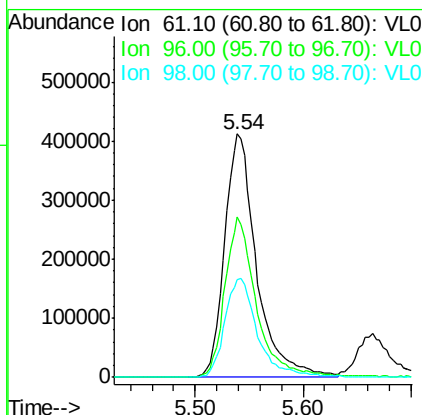
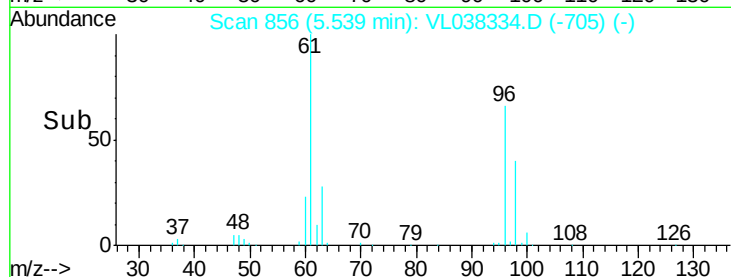
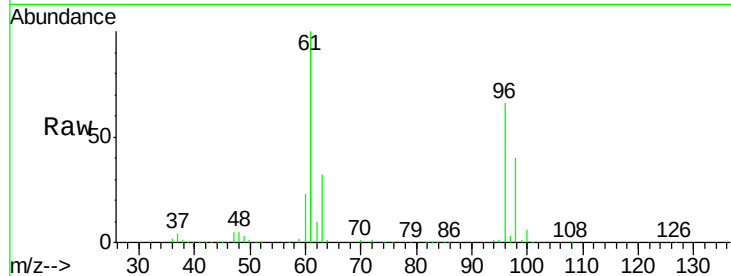
98 39.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#32

1,1,1-Trichloroethane

Concen: 8.552 ppbv

RT: 6.50 min Scan# 1155

Delta R.T. -0.02 min

Lab File: VL038334.D

Acq: 3 Feb 2022 15:04

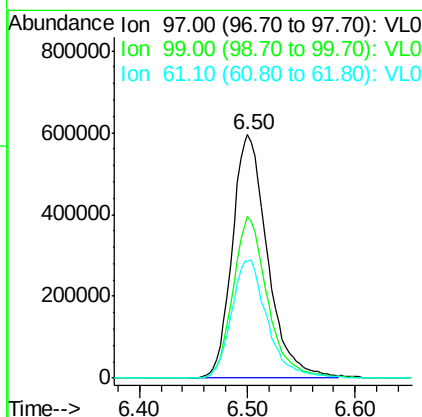
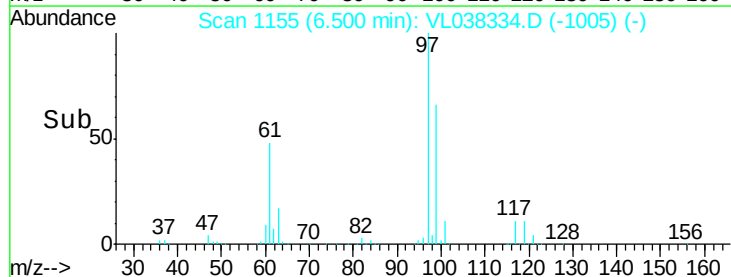
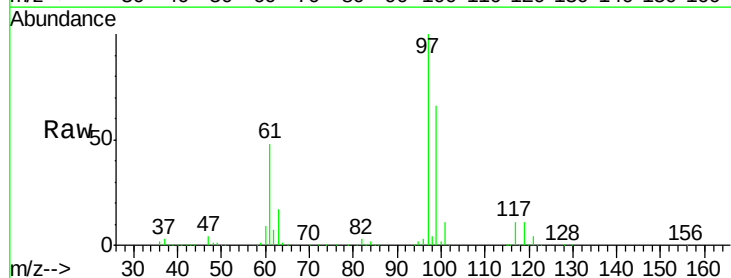
Tgt Ion: 97 Resp: 1356604

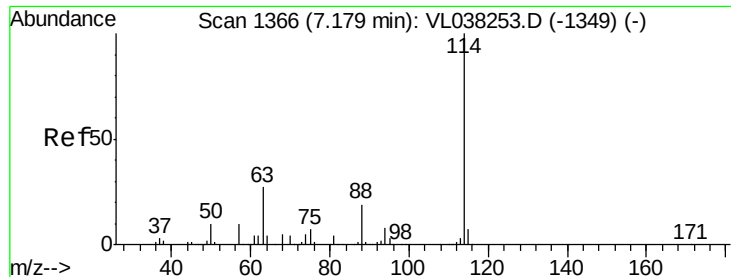
Ion Ratio Lower Upper

97 100

99 65.2 51.5 77.3

61 49.2 40.5 60.7



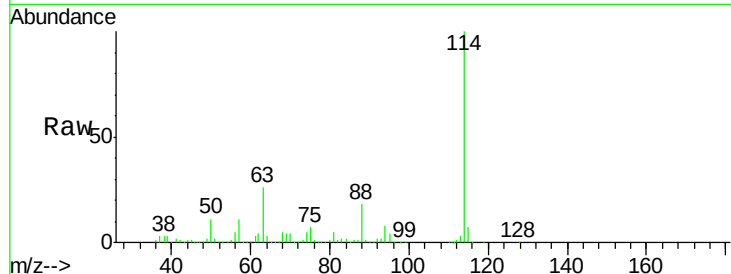


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

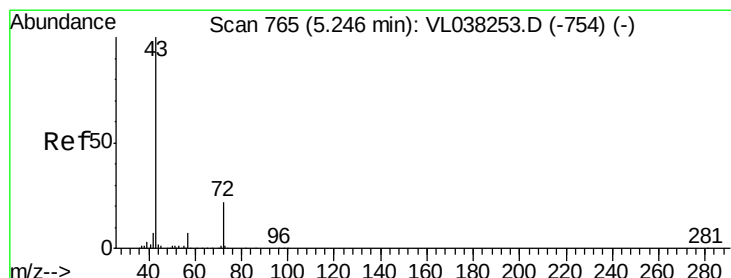
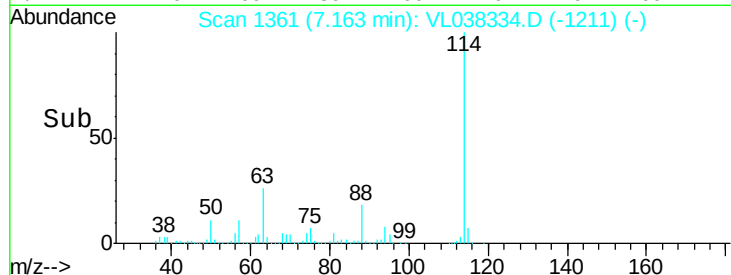
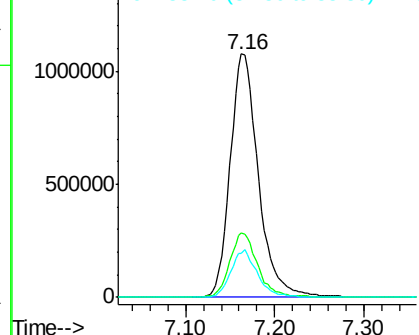
Tgt Ion: 1
 Ion Ratio
 114 100
 63 26.
 88 18.

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/04/2022
 Supervised By : Mahesh Dadoda 02/04/2022

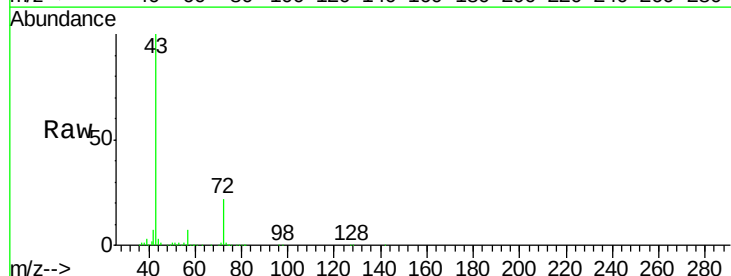


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

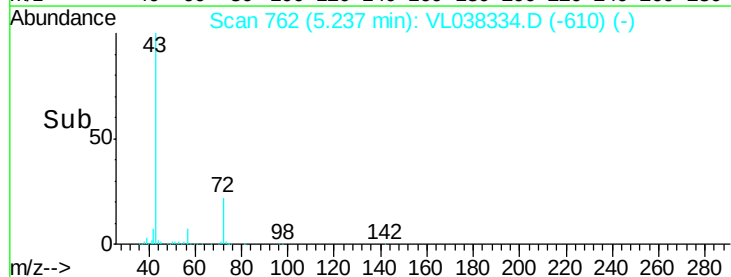
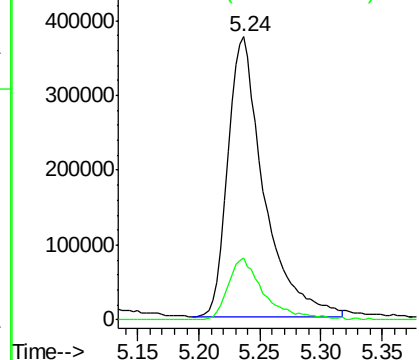


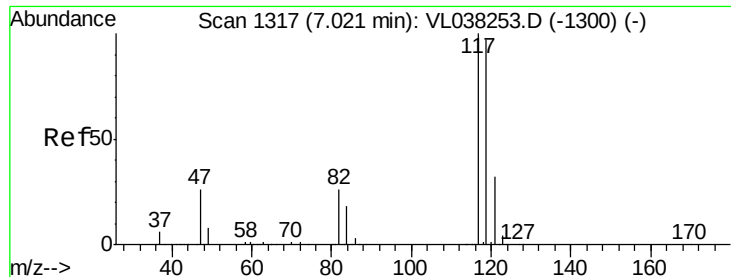
#34
 2-Butanone
 Concen: 10.074 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion: 43 Resp: 777319
 Ion Ratio Lower Upper
 43 100
 72 22.0 18.1 27.1



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



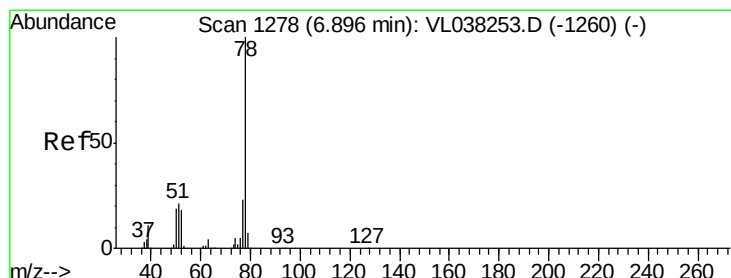
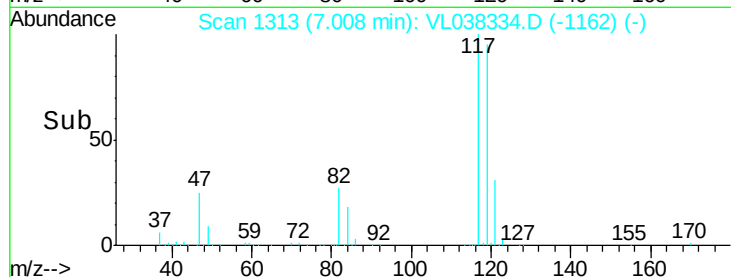
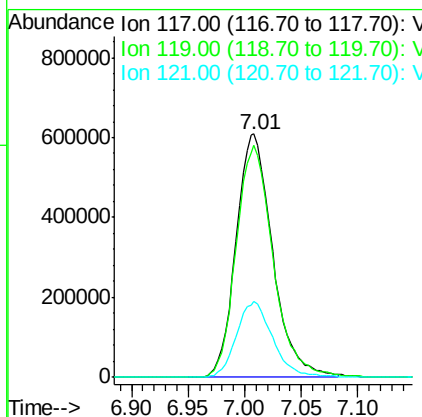
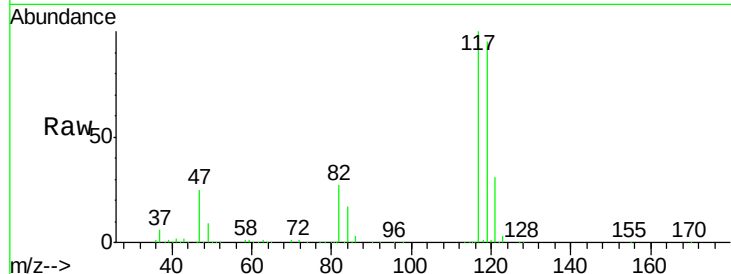


#35
Carbon Tetrachloride
Concen: 8.283 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 3 Feb 2022 15:04

Tgt Ion: 117
Ion Ratio: 100
117 100
119 95.
121 31.

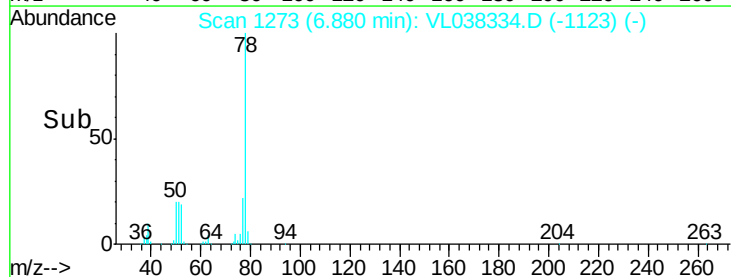
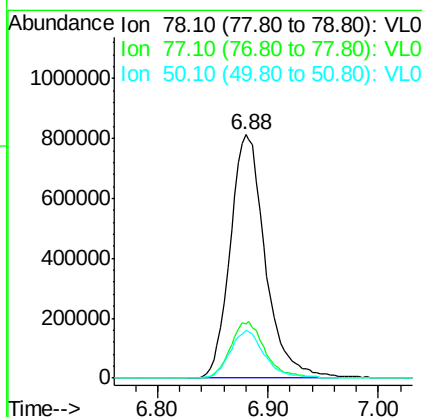
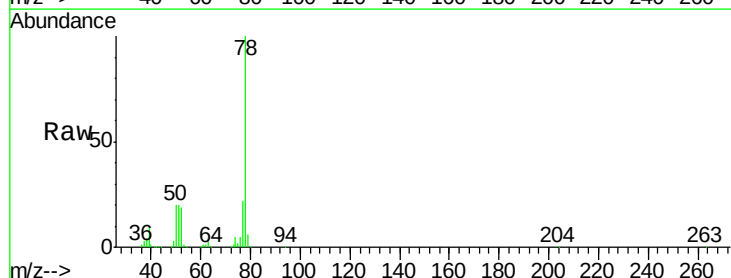
Manual Integrations
APPROVED

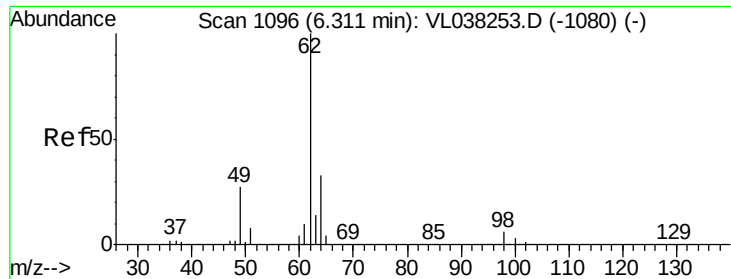
Reviewed By : Semsettin Yesilyurt 02/04/2022
Supervised By : Mahesh Dadoda 02/04/2022



#36
Benzene
Concen: 8.554 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 78 Resp: 1785238
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.2
50 19.8 15.1 22.7



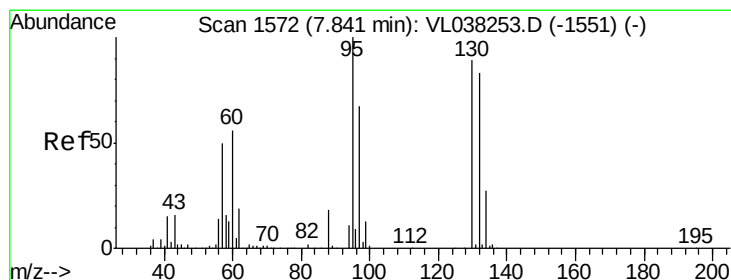
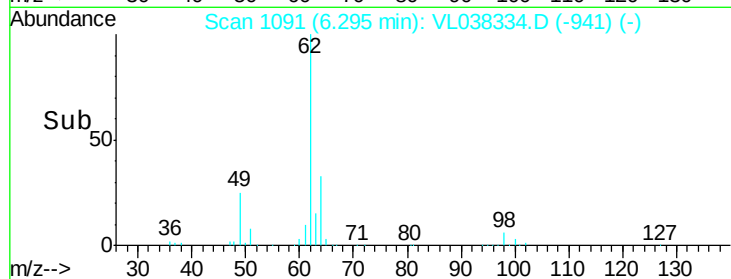
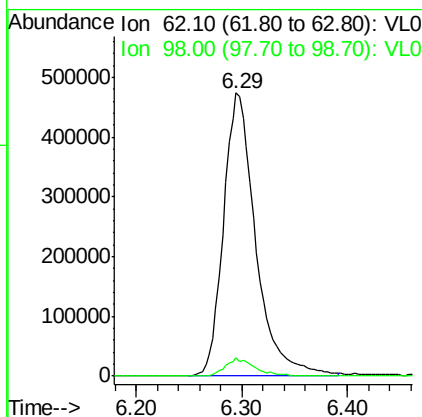
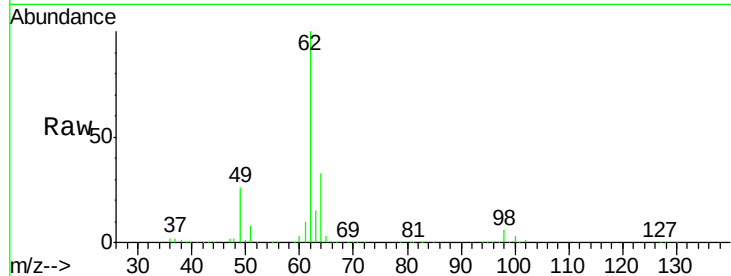


#37
 1,2-Dichloroethane
 Concen: 8.387 ppbv
 RT: 6.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

Tgt Ion:
 Ion Ratio
 62 100
 98 6.

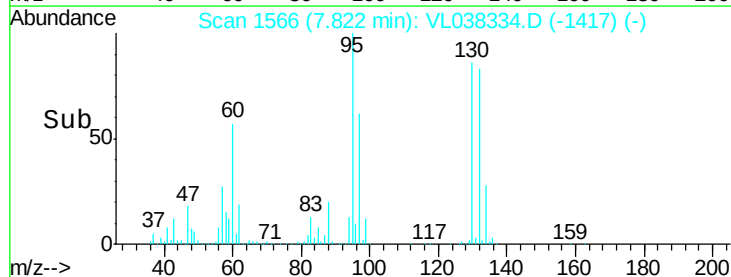
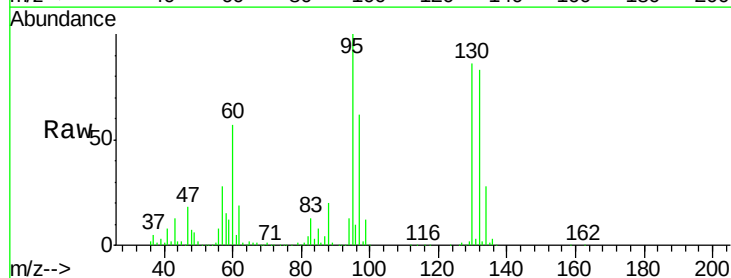
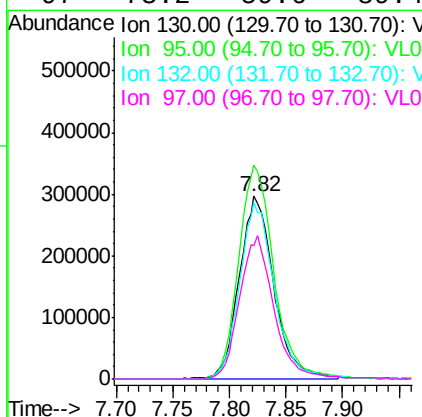
Manual Integrations
 APPROVED

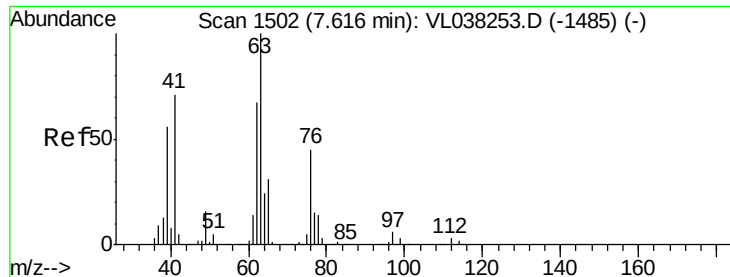
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#38
 Trichloroethene
 Concen: 8.032 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion:130 Resp: 624485
 Ion Ratio Lower Upper
 130 100
 95 117.2 89.4 134.2
 132 97.0 74.6 111.8
 97 73.2 59.6 89.4



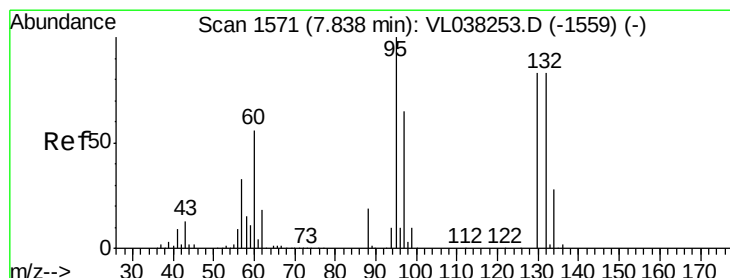
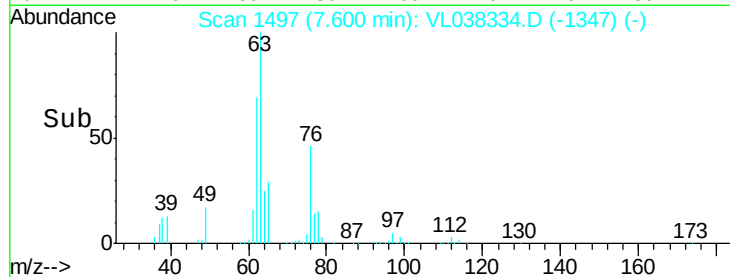
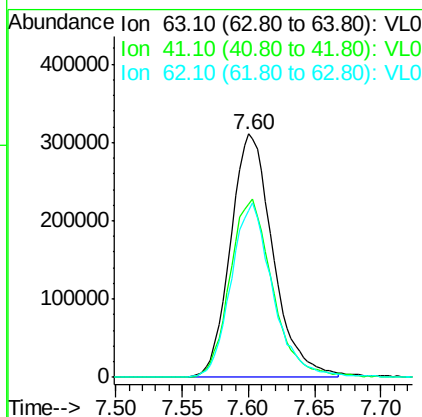
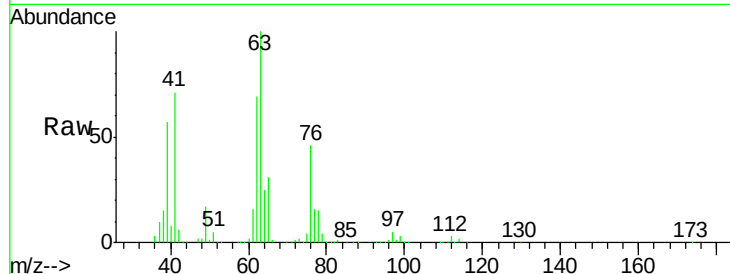


#39
 1,2-Dichloropropane
 Concen: 8.144 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Feb 2022 15:04

Tgt Ion:
 Ion Ratio
 63 100
 41 71.
 62 68.

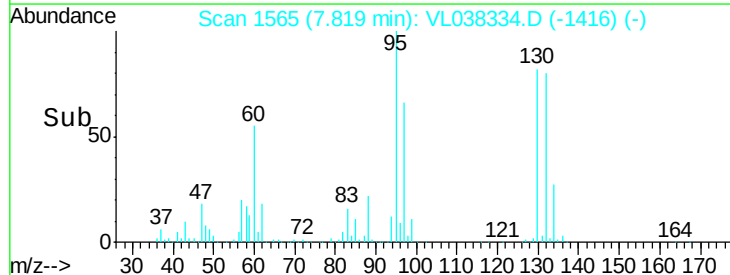
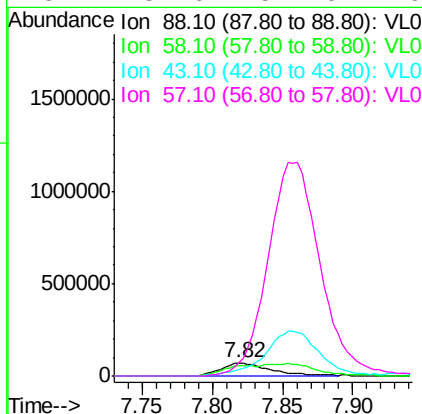
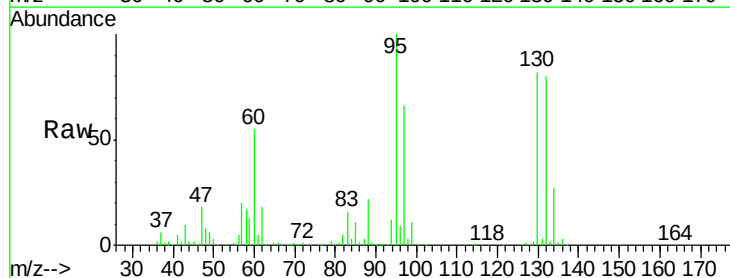
Manual Integrations
 APPROVED

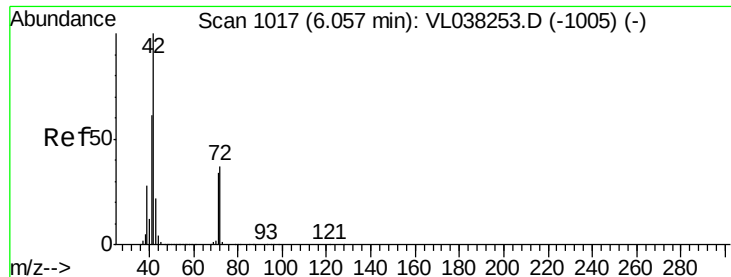
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#40
 1,4-Dioxane
 Concen: 8.276 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion: 88 Resp: 168544
 Ion Ratio Lower Upper
 88 100
 58 161.7 138.6 208.0
 43 401.1 346.9 520.3
 57 1787.6 1527.9 2291.9



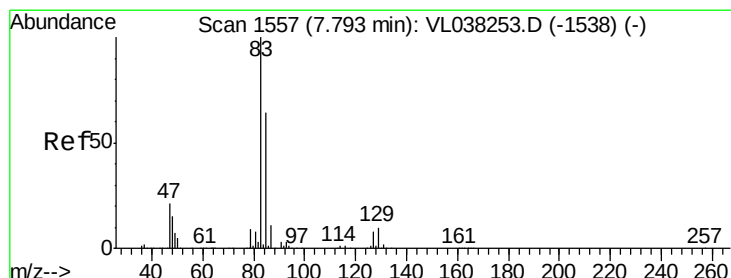
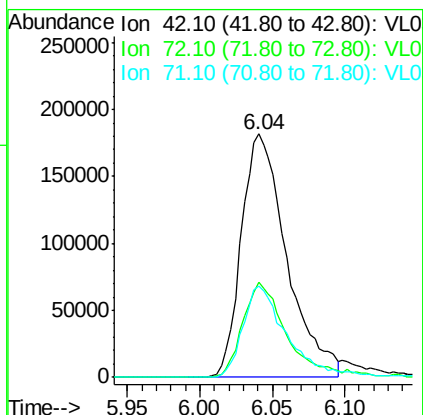
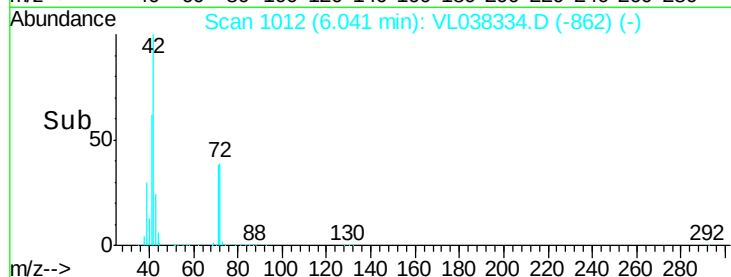
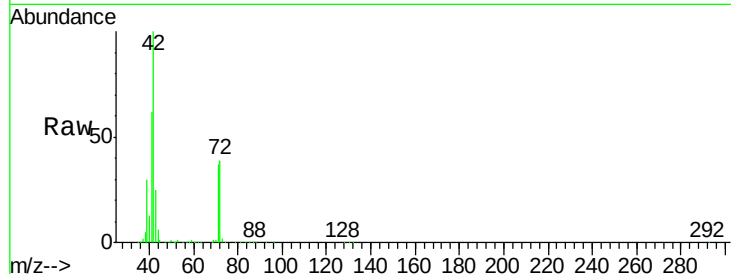


#41
Tetrahydrofuran
Concen: 7.637 ppbv
RT: 6.04
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 3 Feb 2022 15:04

Tgt Ion:
Ion Ratio
42 100
72 38.
71 37.

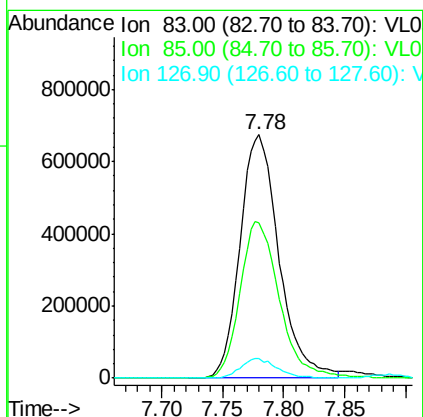
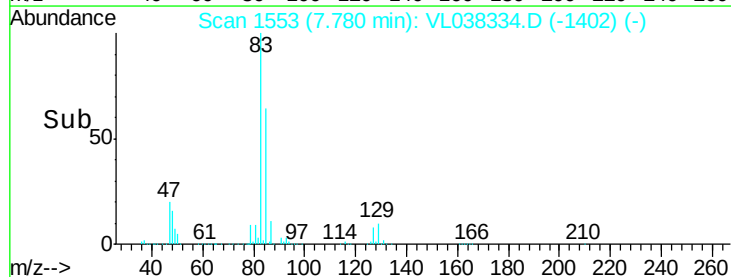
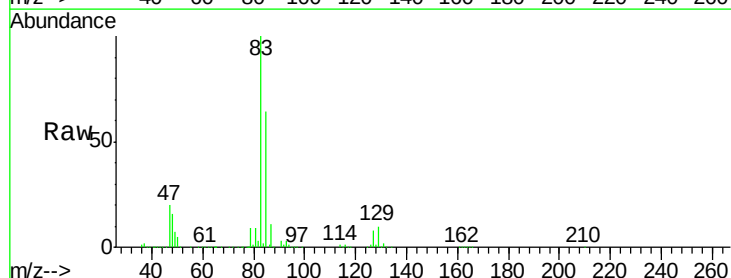
Manual Integrations
APPROVED

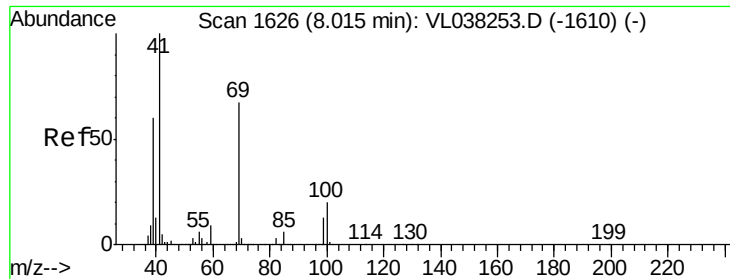
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#42
Bromodichloromethane
Concen: 8.384 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 83 Resp: 1486964
Ion Ratio Lower Upper
83 100
85 64.0 51.5 77.3
127 7.9 6.2 9.4



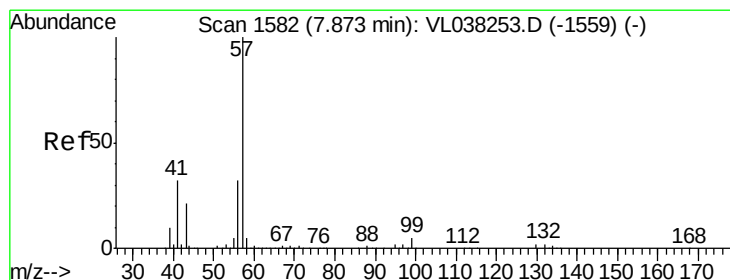
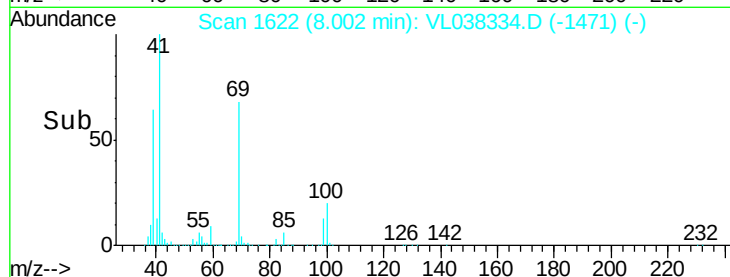
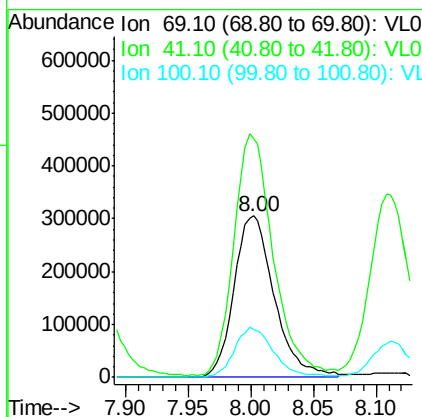
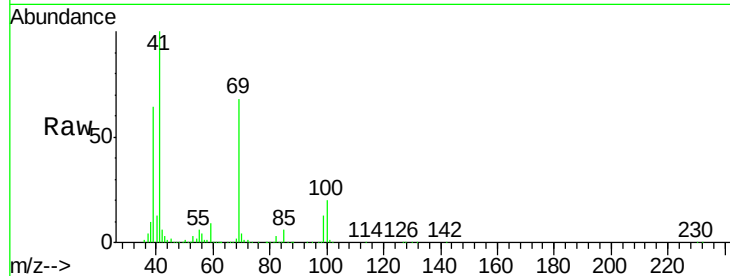


#43
Methyl Methacrylate
Concen: 9.221 ppbv
RT: 8.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Feb 2022 15:04
VSTDCCC010EC

Tgt Ion:
Ion Ratio
69 100
41 149.
100 30.

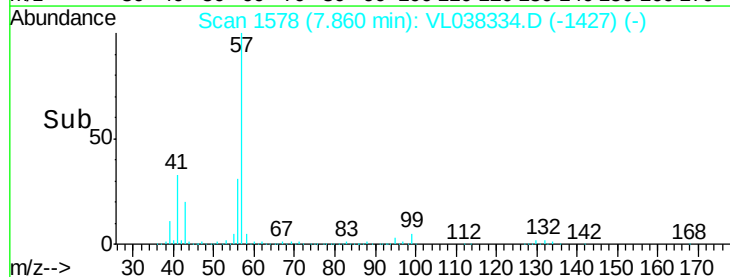
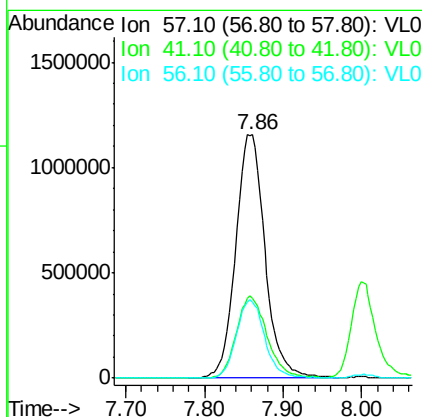
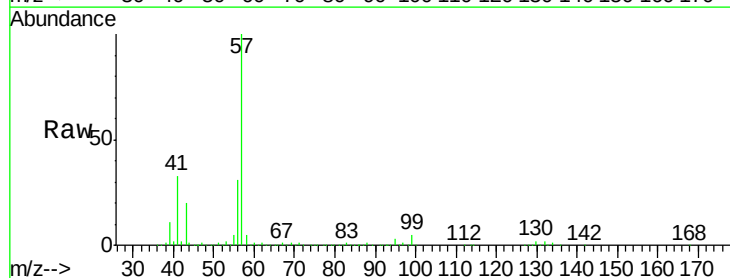
Manual Integrations
APPROVED

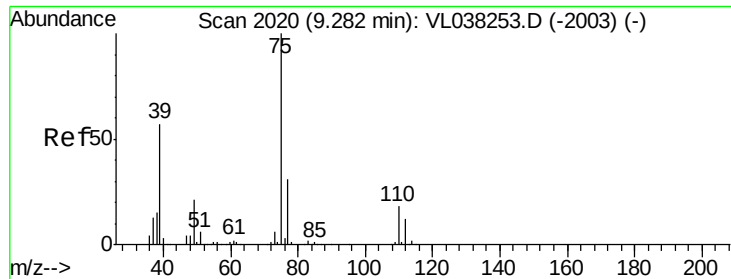
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#44
2,2,4-Trimethylpentane
Concen: 8.187 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 57 Resp: 3011479
Ion Ratio Lower Upper
57 100
41 35.2 26.3 39.5
56 31.3 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 3.925 ppbv

RT: 9.26 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 15:04 VSTDCCC010EC

Tgt Ion:

Ion Ratio

75 100

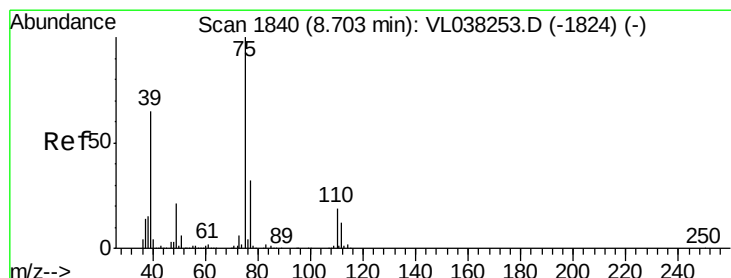
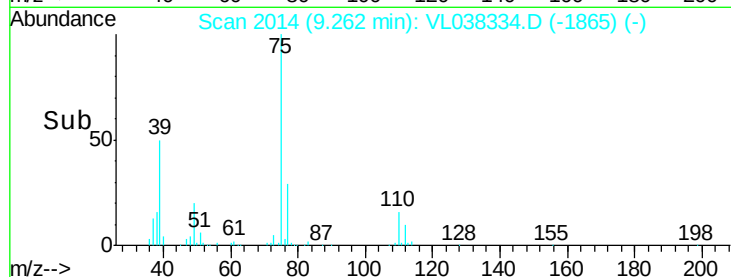
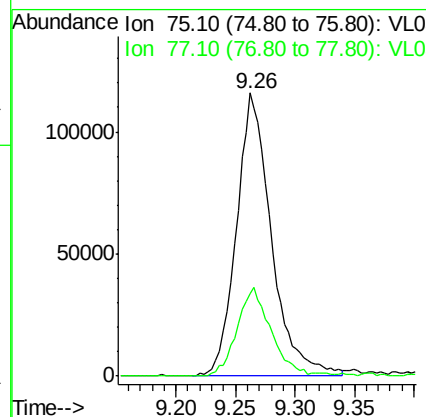
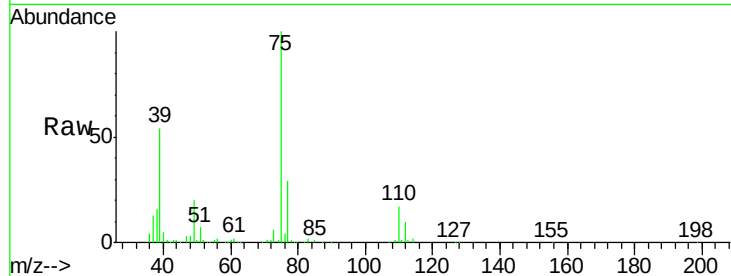
77 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#46

cis-1,3-Dichloropropene

Concen: 4.870 ppbv

RT: 8.69 min Scan# 1836

Delta R.T. -0.01 min

Lab File: VL038334.D

Acq: 3 Feb 2022 15:04

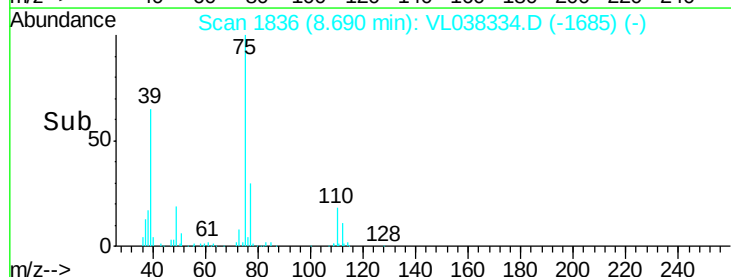
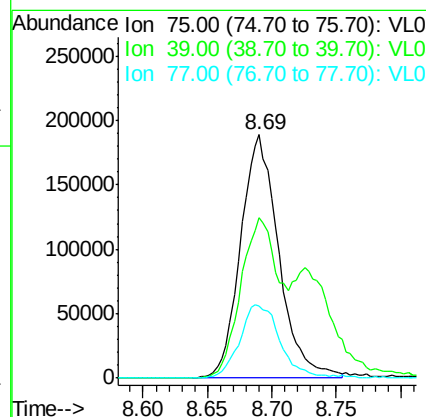
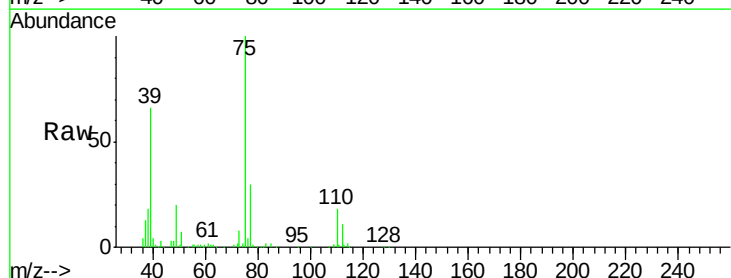
Tgt Ion: 75 Resp: 389754

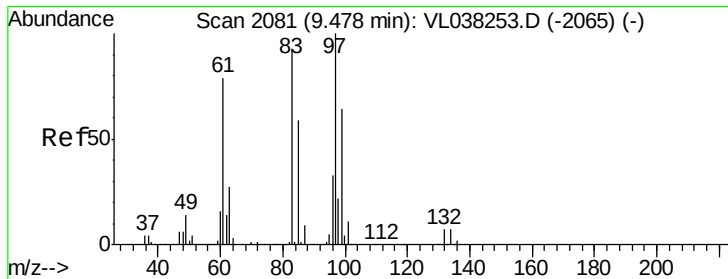
Ion Ratio Lower Upper

75 100

39 65.9 52.3 78.5

77 29.9 25.4 38.0



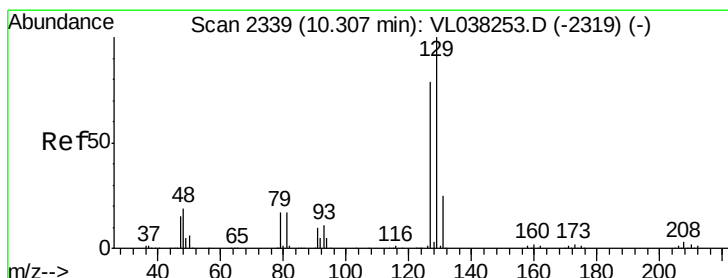
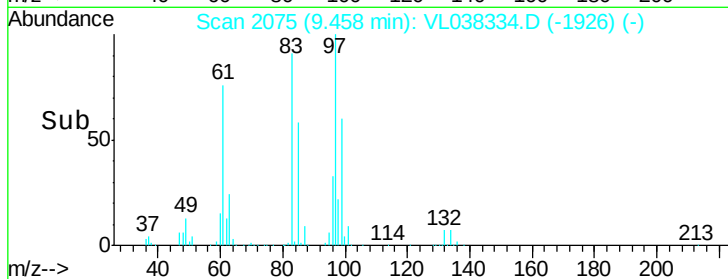
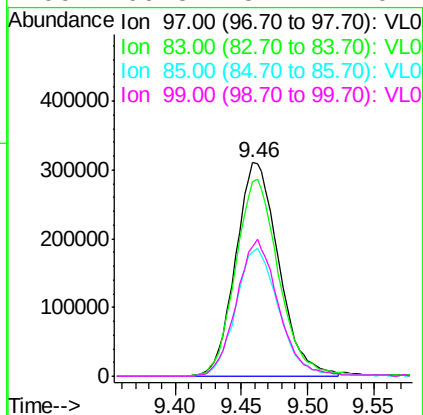
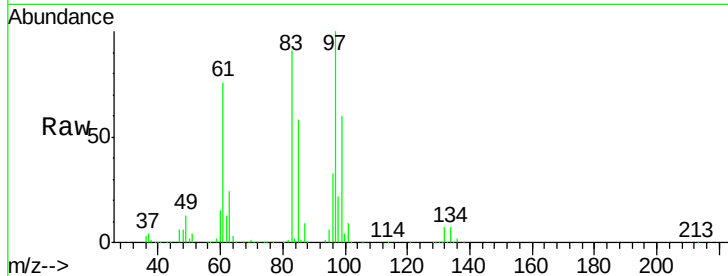


#47
 1,1,2-Trichloroethane
 Concen: 8.452 ppbv
 RT: 9.46
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

Tgt Ion:
 Ion Ratio
 97 100
 83 91.
 85 58.
 99 60.3 51.1 76.7

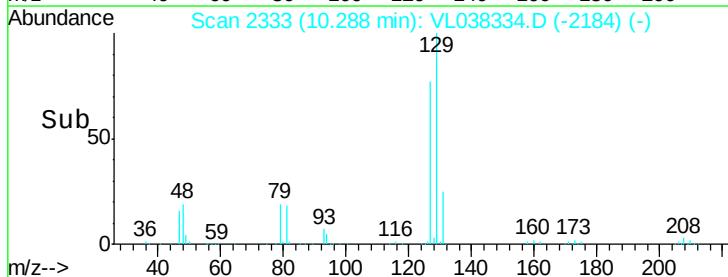
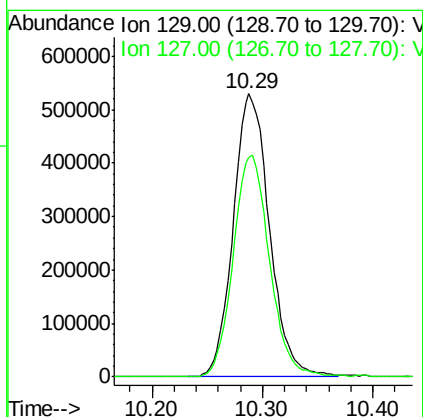
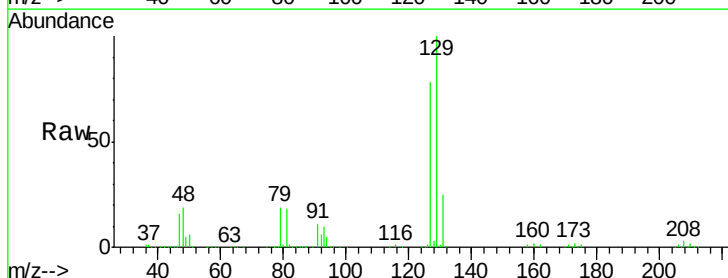
Manual Integrations
 APPROVED

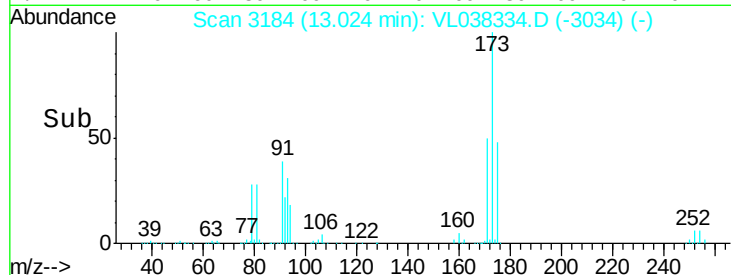
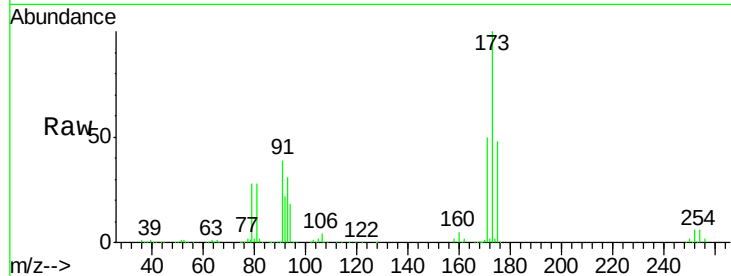
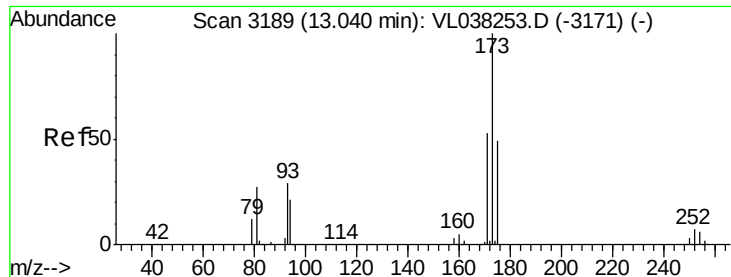
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#48
 Dibromochloromethane
 Concen: 8.613 ppbv
 RT: 10.29 min Scan# 2333
 Delta R.T. -0.02 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion:129 Resp: 1205662
 Ion Ratio Lower Upper
 129 100
 127 79.0 39.1 117.3





#49

Bromoform

Concen: 9.216 ppbv

RT: 13.02

Delta R.T.

Lab File:

Acq: 3 Feb 2022 15:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022

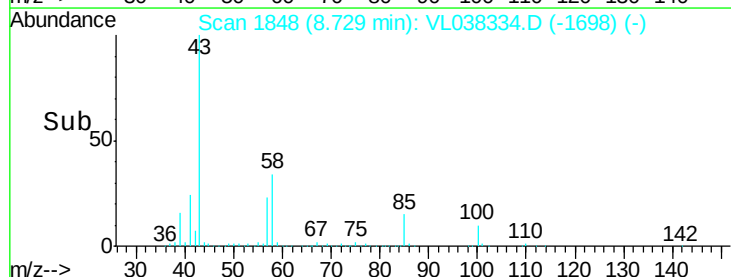
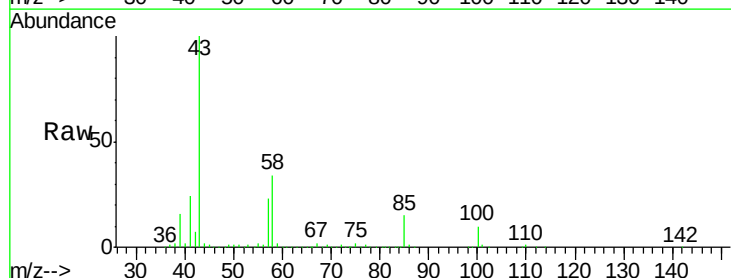
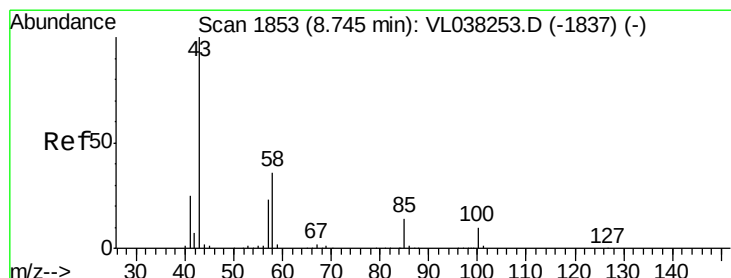
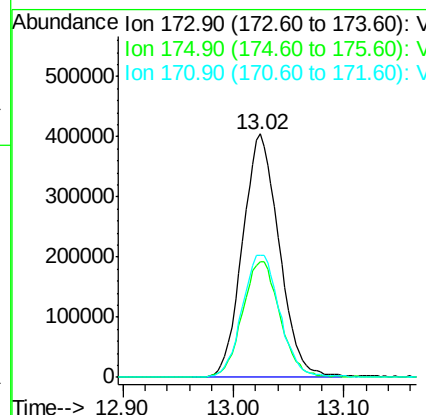
Tgt Ion:1

Ion Ratio

173 100

175 49.

171 52.



#50

4-Methyl-2-Pentanone

Concen: 9.304 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. -0.02 min

Lab File: VL038334.D

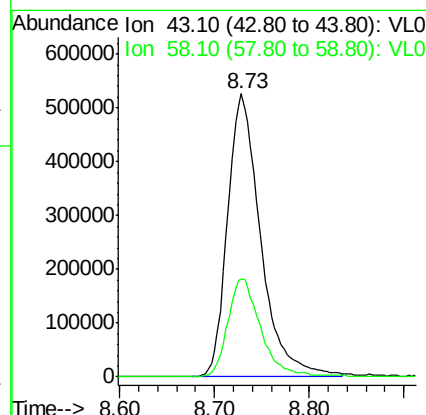
Acq: 3 Feb 2022 15:04

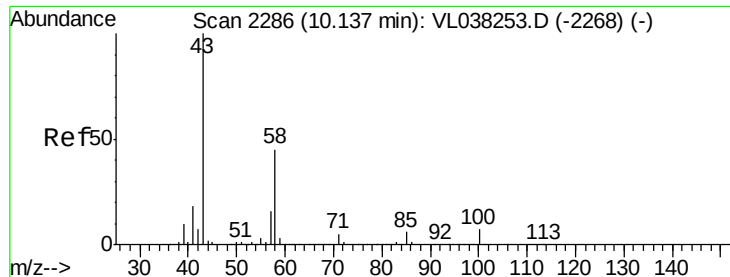
Tgt Ion: 43 Resp: 1280746

Ion Ratio Lower Upper

43 100

58 34.8 28.2 42.4





#51

2-Hexanone

Concen: 10.262 ppbv

RT: 10.12

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Feb 2022 15:04

Tgt Ion:

Ion Ratio

43 100

58 48.

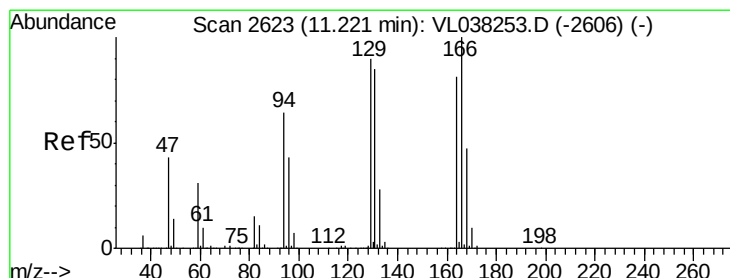
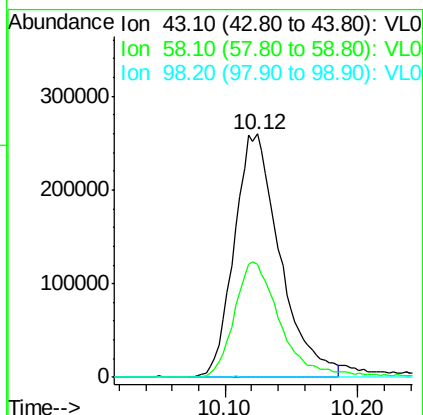
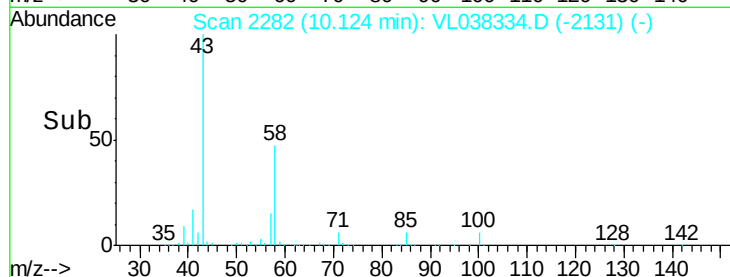
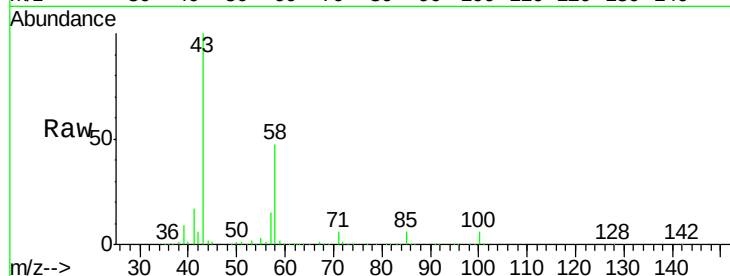
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#52

Tetrachloroethene

Concen: 7.802 ppbv

RT: 11.21 min Scan# 2619

Delta R.T. -0.01 min

Lab File: VL038334.D

Acq: 3 Feb 2022 15:04

Tgt Ion:164 Resp: 561255

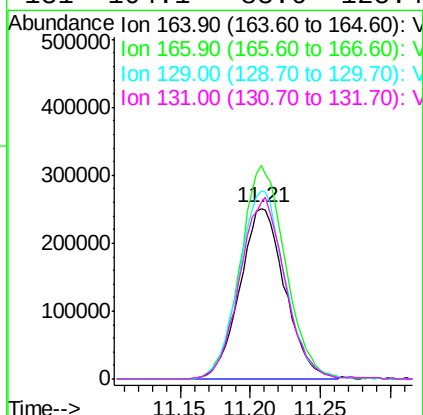
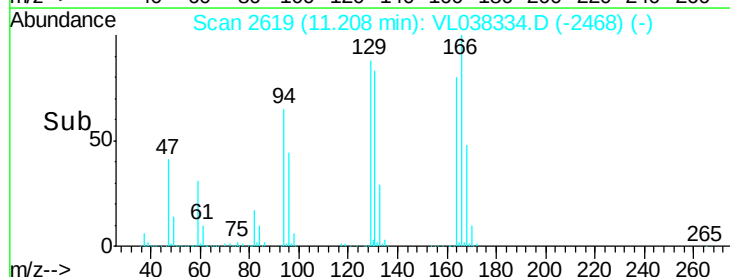
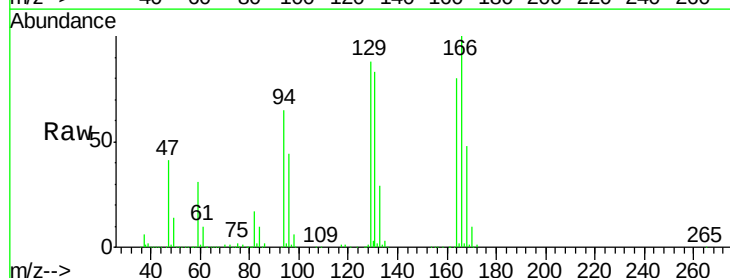
Ion Ratio Lower Upper

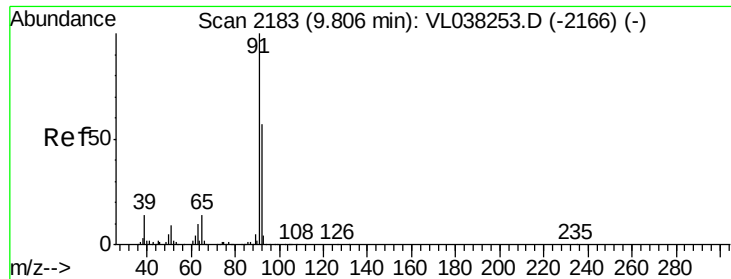
164 100

166 125.3 98.8 148.2

129 110.4 89.2 133.8

131 104.1 83.6 125.4





#53

Toluene

Concen: 8.597 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 15:04 VSTDCCC010EC

Tgt Ion:

Ion Ratio

91 100

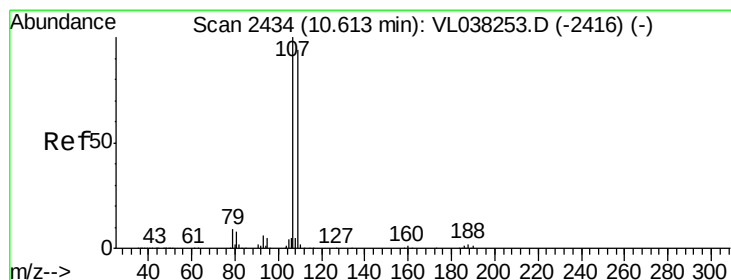
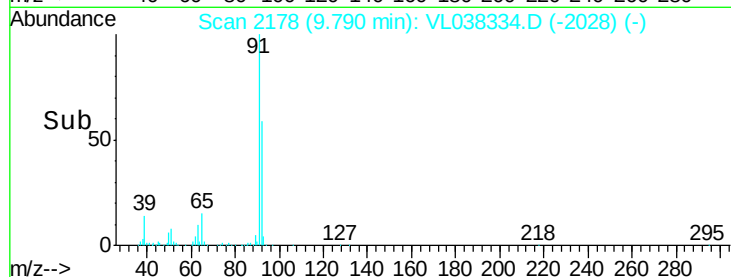
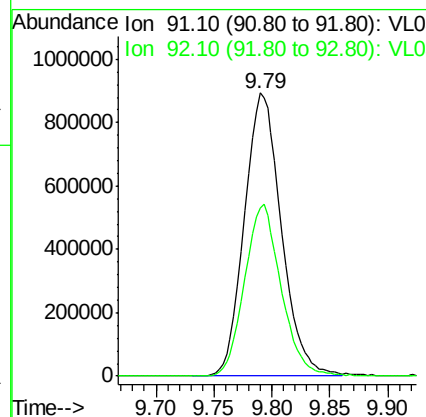
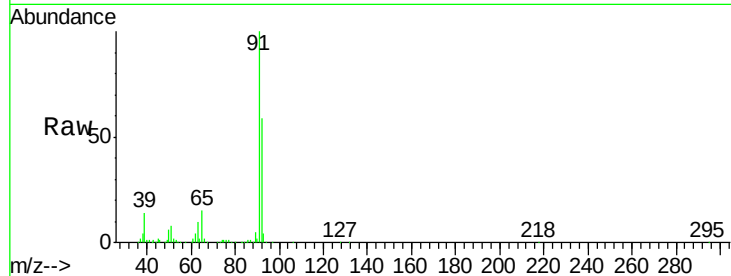
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#54

1,2-Dibromoethane

Concen: 8.220 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.02 min

Lab File: VL038334.D

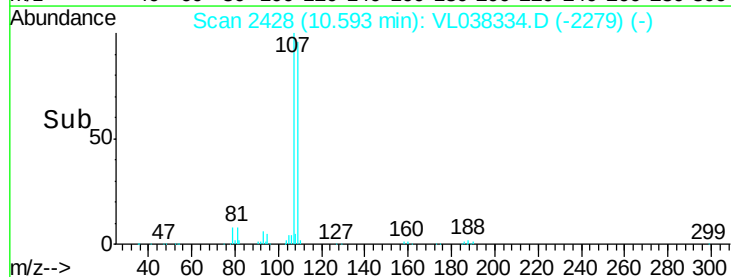
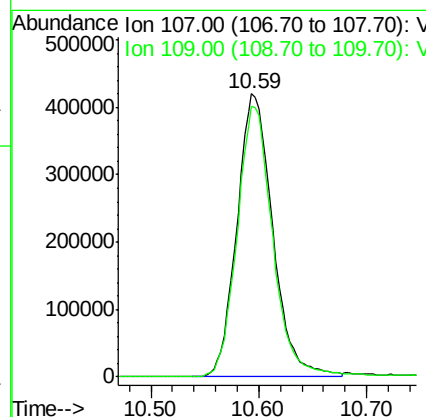
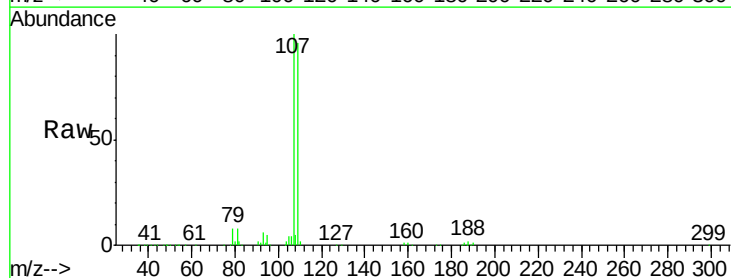
Acq: 3 Feb 2022 15:04

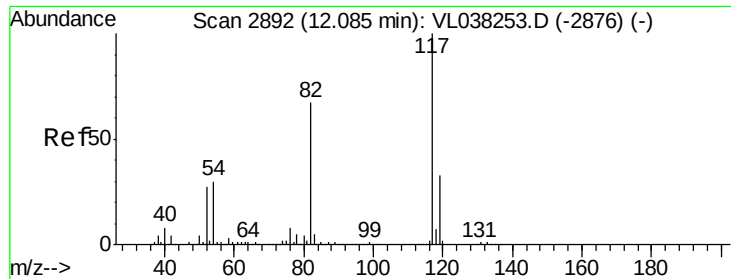
Tgt Ion:107 Resp: 971613

Ion Ratio Lower Upper

107 100

109 95.7 75.4 113.0



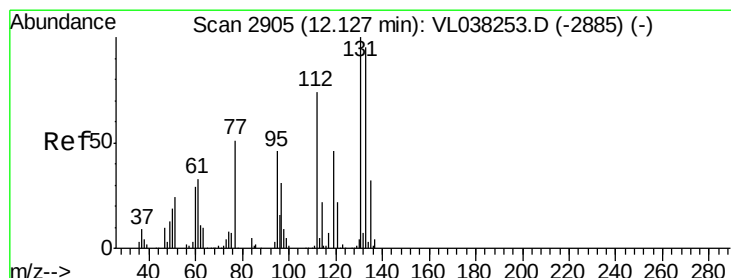
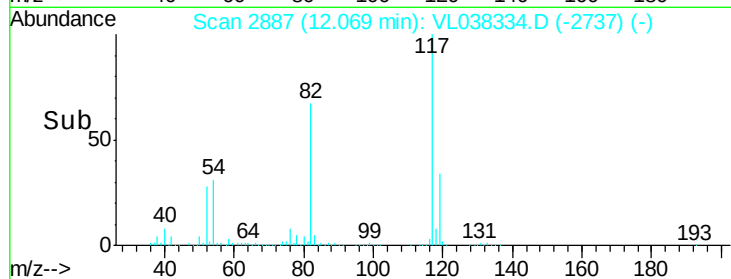
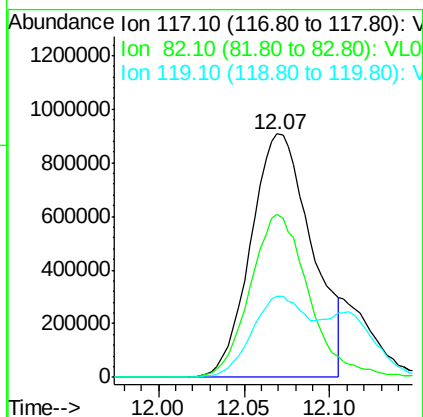
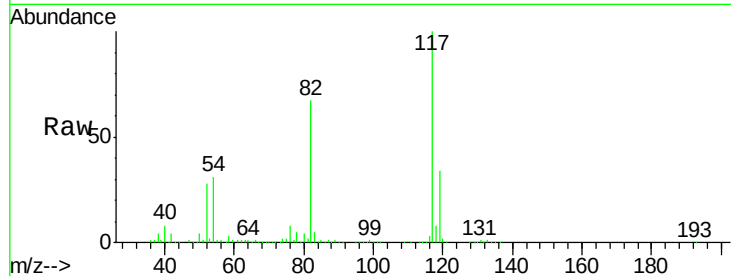


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.07
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 3 Feb 2022 15:04

Tgt Ion:1
Ion Rati
117 100
82 65.
119 53.

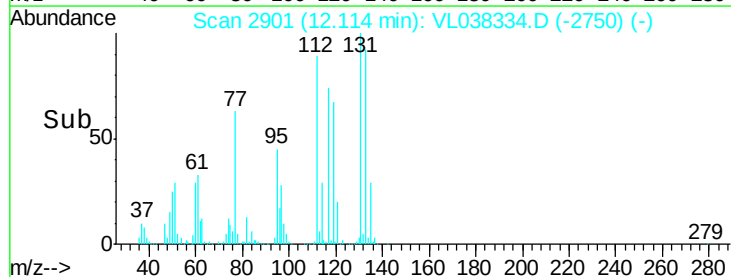
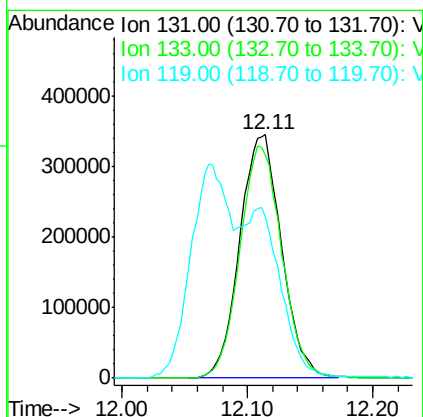
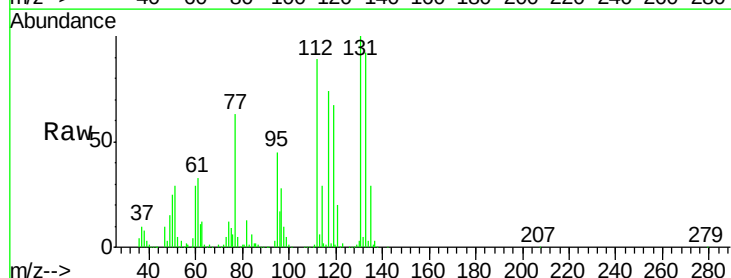
Manual Integrations
APPROVED

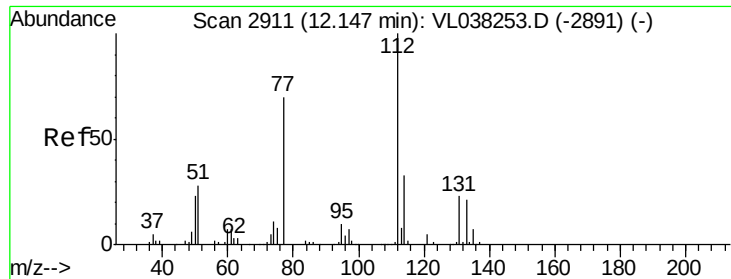
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 8.177 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:131 Resp: 801792
Ion Ratio Lower Upper
131 100
133 95.8 76.0 114.0
119 150.4 53.0 79.4#





#57

Chlorobenzene

Concen: 7.765 ppbv

RT: 12.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 15:04

Tgt Ion:1

Ion Rati

112 100

77 68.

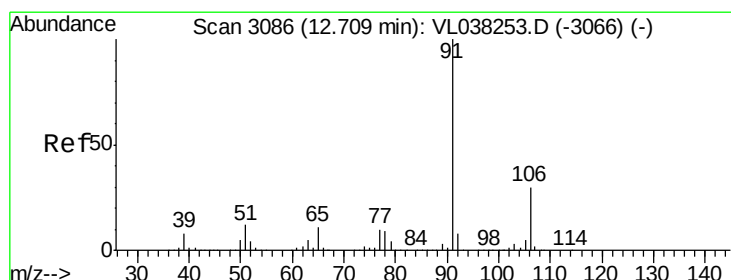
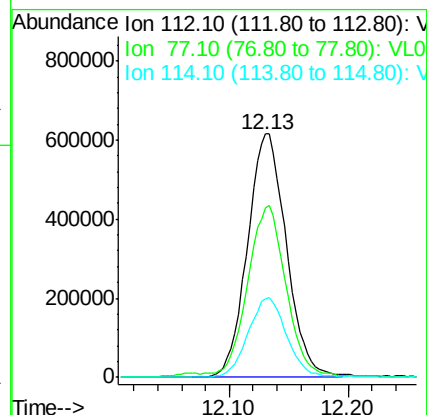
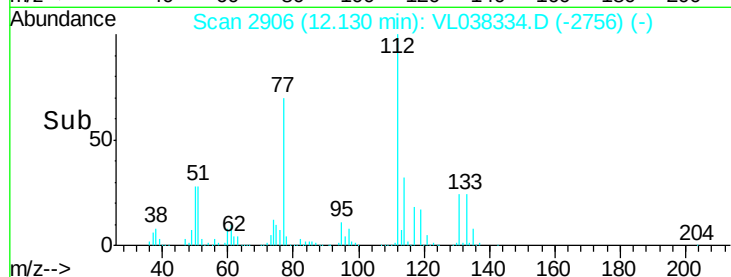
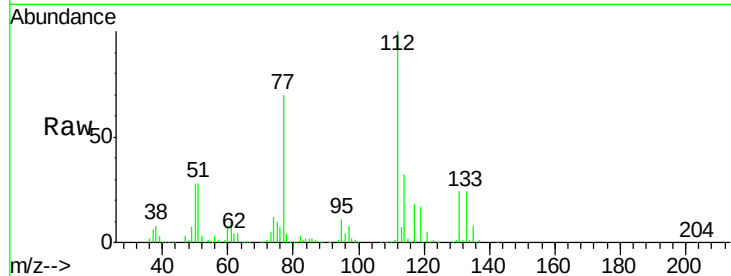
114 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#58

Ethyl Benzene

Concen: 7.996 ppbv

RT: 12.69 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VL038334.D

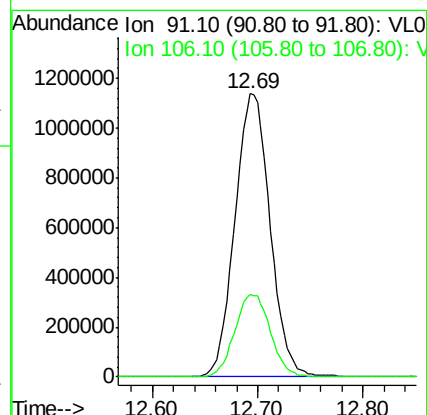
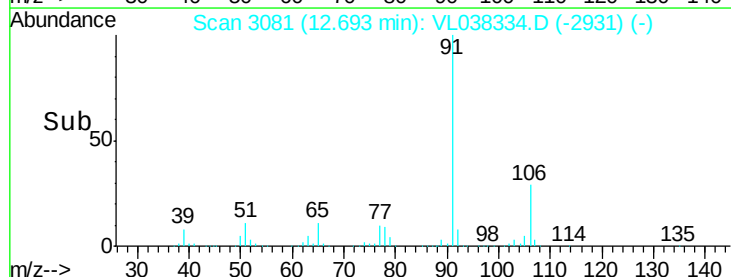
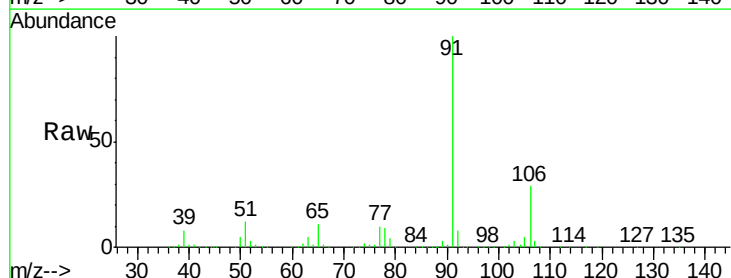
Acq: 3 Feb 2022 15:04

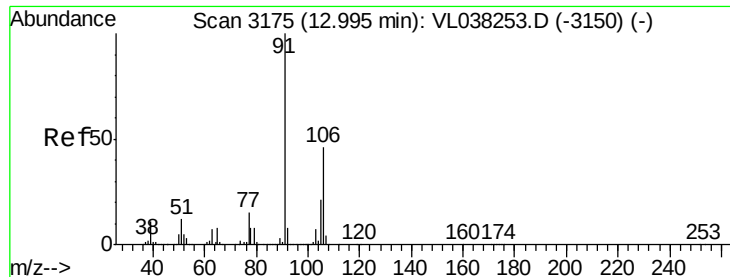
Tgt Ion: 91 Resp: 2632649

Ion Ratio Lower Upper

91 100

106 29.2 24.1 36.1



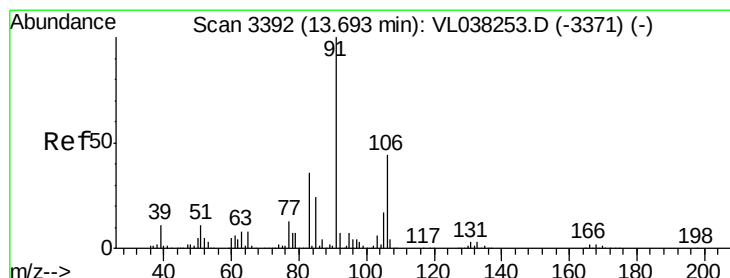
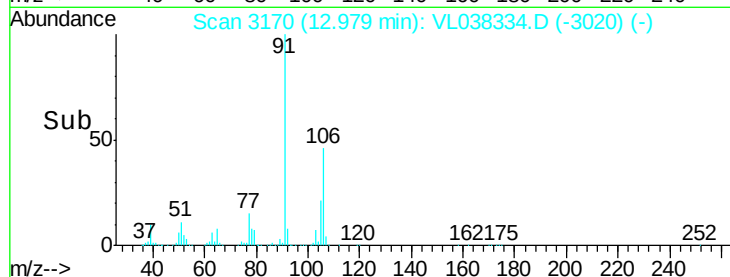
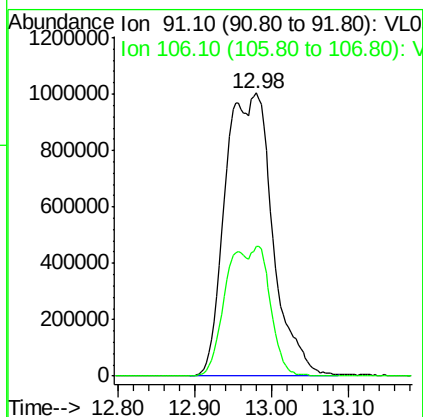
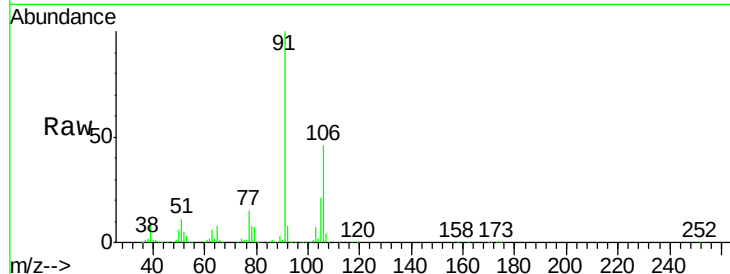


#59
m/p-Xylene
Concen: 15.377 ppbv m
RT: 12.98
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Feb 2022 15:04

Tgt Ion:
Ion Ratio
91 100
106 42.

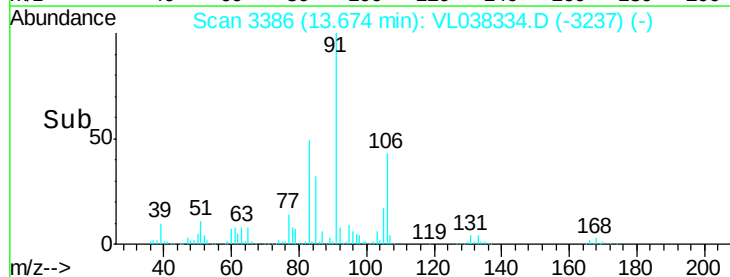
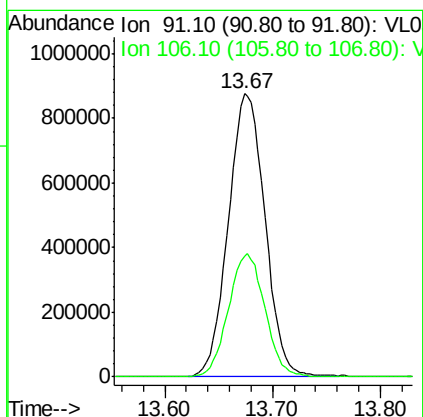
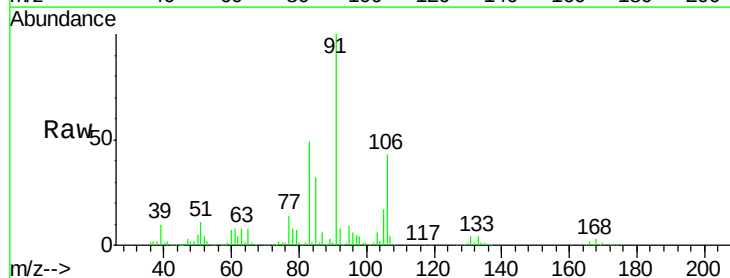
Manual Integrations
APPROVED

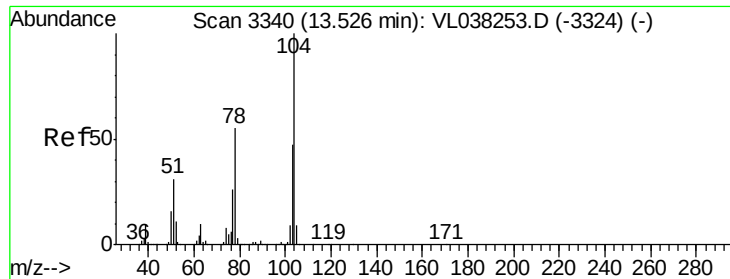
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#60
o-Xylene
Concen: 7.859 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion: 91 Resp: 2053385
Ion Ratio Lower Upper
91 100
106 43.6 22.2 66.6



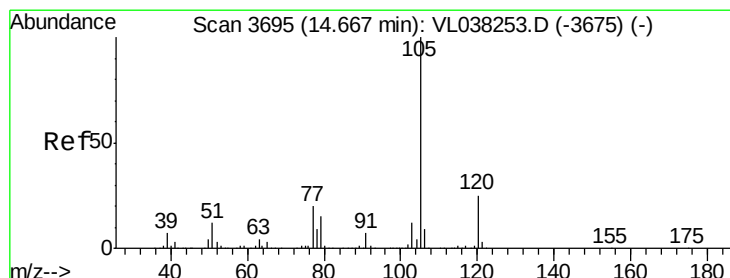
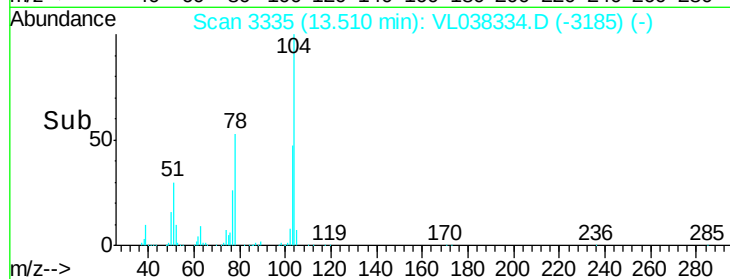
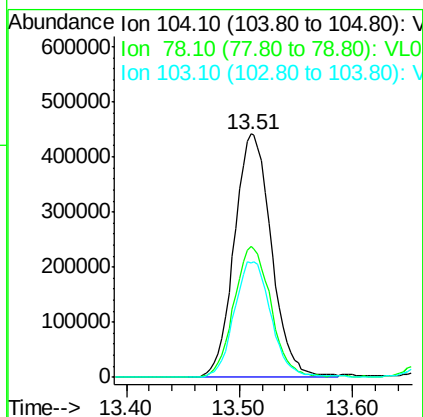
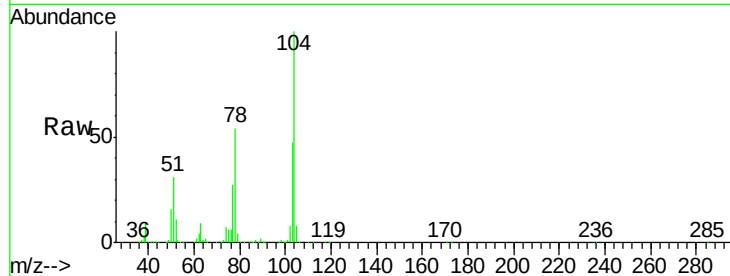


#61
Styrene
Concen: 8.278 ppbv
RT: 13.51
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 3 Feb 2022 15:04

Tgt Ion:1
Ion Rati
104 100
78 54.
103 47.

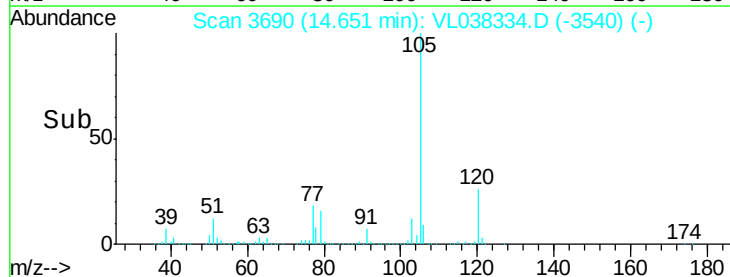
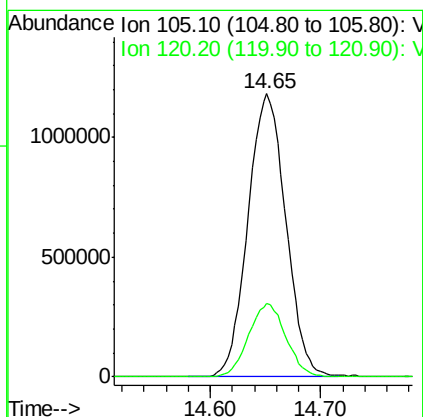
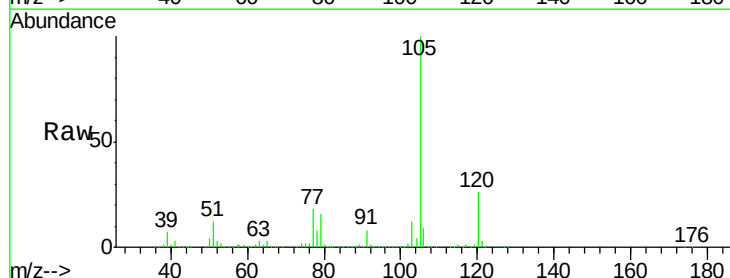
Manual Integrations
APPROVED

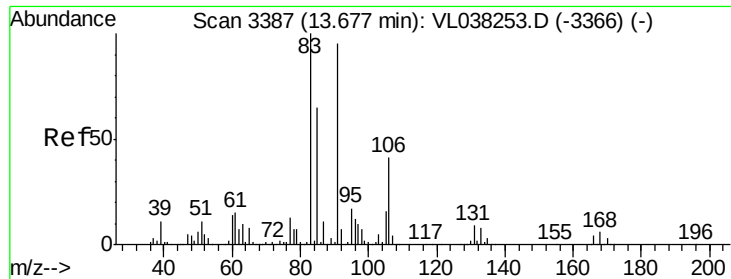
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#62
Isopropylbenzene
Concen: 8.078 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.02 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:105 Resp: 2813494
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7



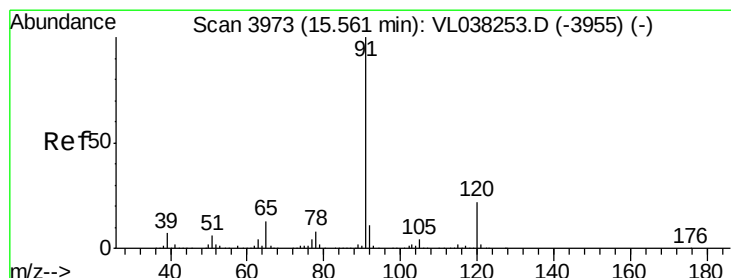
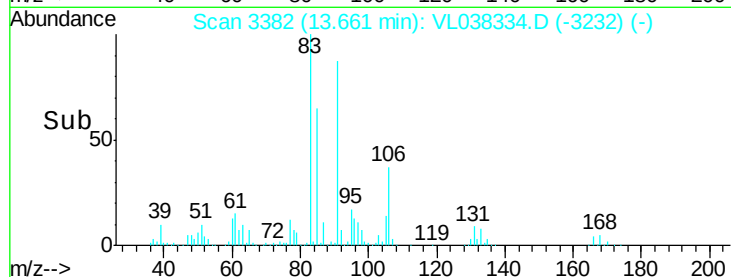
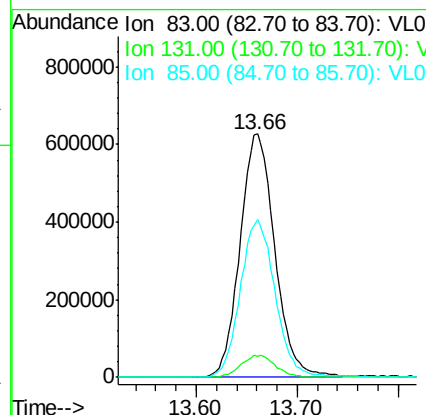
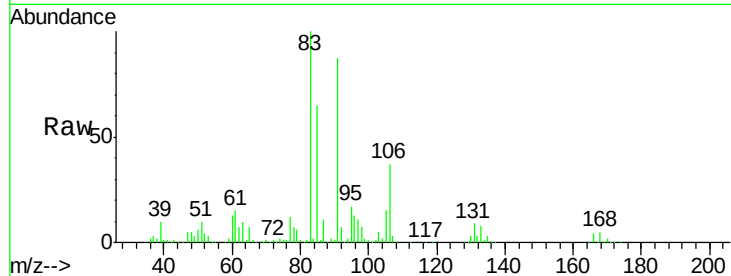


#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.758 ppbv
 RT: 13.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

Tgt Ion:
 Ion Ratio
 83 100
 131 9.
 85 65.

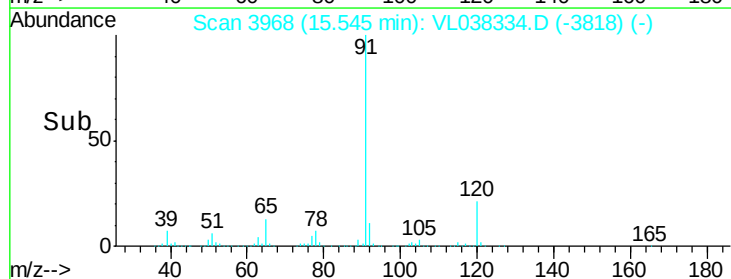
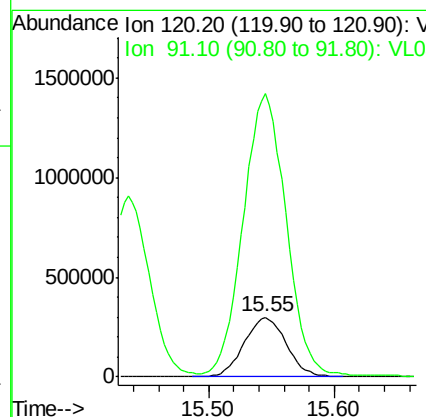
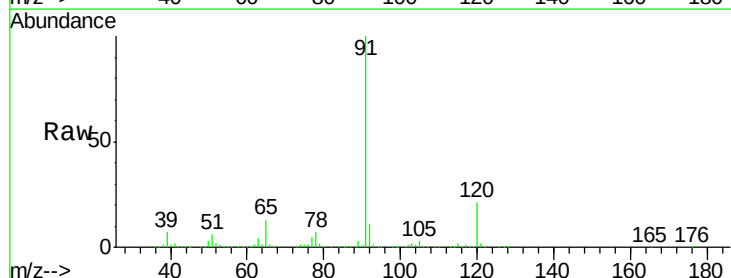
Manual Integrations
 APPROVED

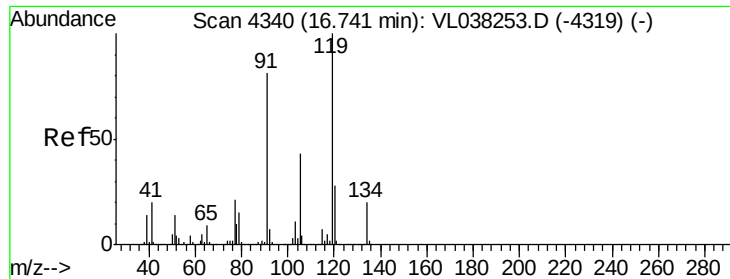
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#64
 n-propylbenzene
 Concen: 8.323 ppbv
 RT: 15.55 min Scan# 3968
 Delta R.T. -0.02 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion:120 Resp: 697342
 Ion Ratio Lower Upper
 120 100
 91 488.6 390.8 586.2



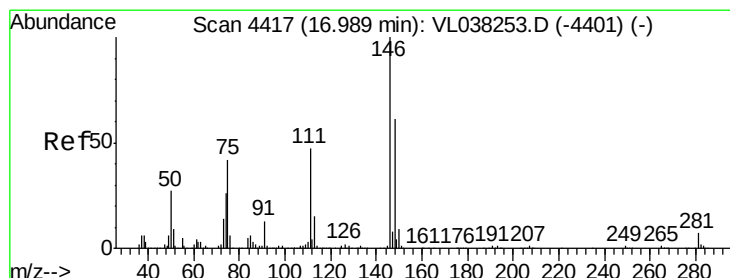
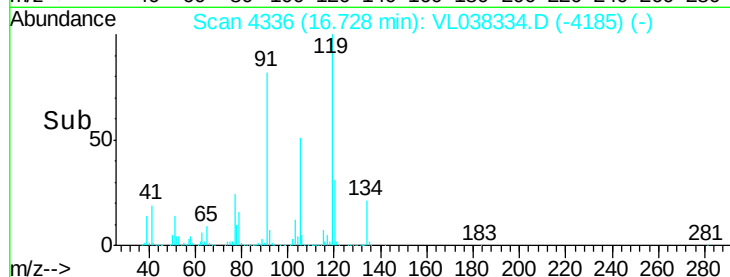
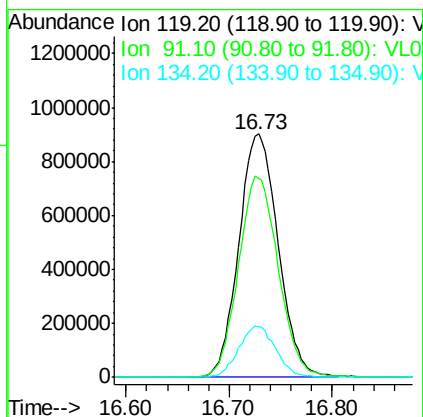
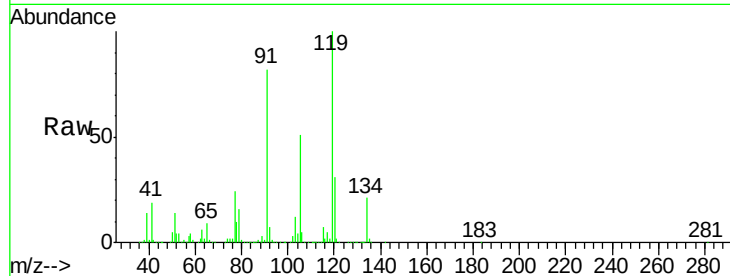


#65
 tert-Butylbenzene
 Concen: 8.346 ppbv
 RT: 16.73 min
 Delta R.T.: -0.02 min
 Lab File: VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

Tgt Ion: 119
 Ion Ratio: 100
 91: 83.1
 134: 19.1

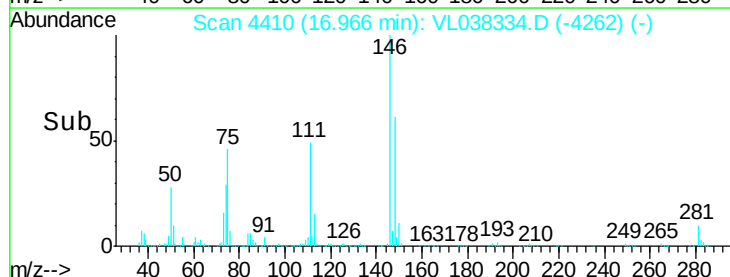
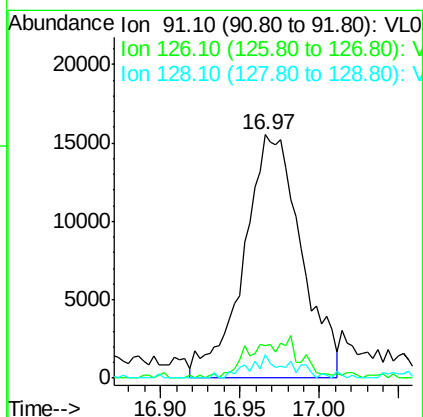
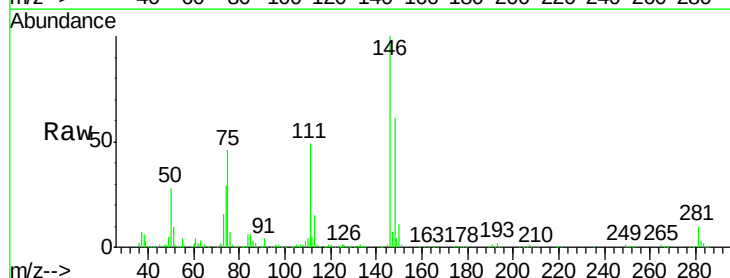
Manual Integrations
 APPROVED

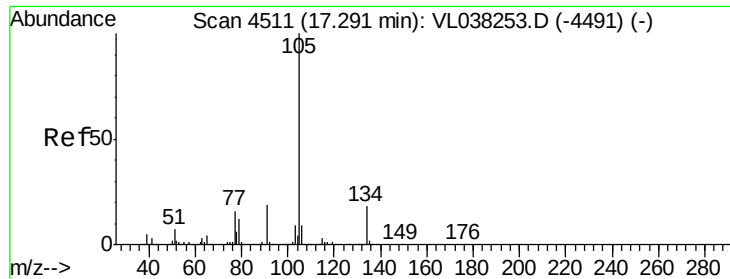
Reviewed By: Semsettin Yesilyurt 02/04/2022
 Supervised By: Mahesh Dadoda 02/04/2022



#66
 Benzyl Chloride
 Concen: 2.992 ppbv m
 RT: 16.97 min Scan# 4410
 Delta R.T.: -0.02 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion: 91 Resp: 38996
 Ion Ratio Lower Upper
 91 100
 126 1.1 12.6 18.8#
 128 14.2 4.3 6.5#





#67

sec-Butylbenzene

Concen: 8.371 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Feb 2022 15:04 VSTDCCC010EC

Tgt Ion:1

Ion Rati

105 100

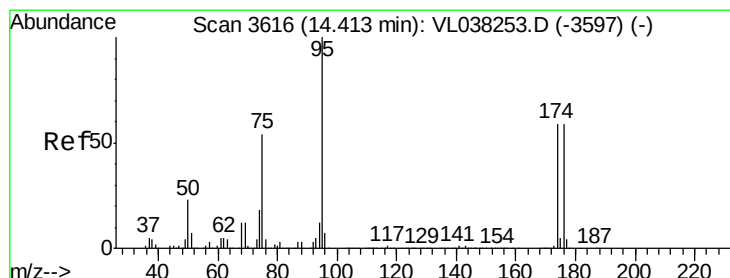
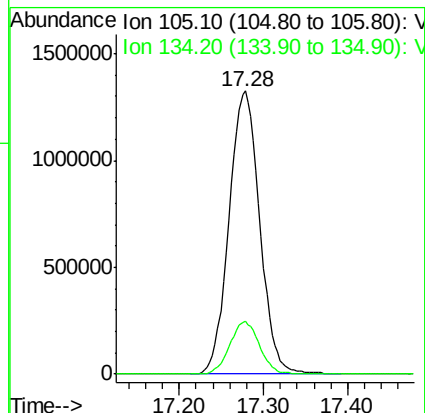
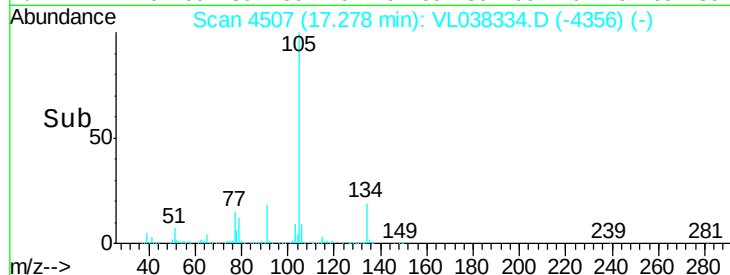
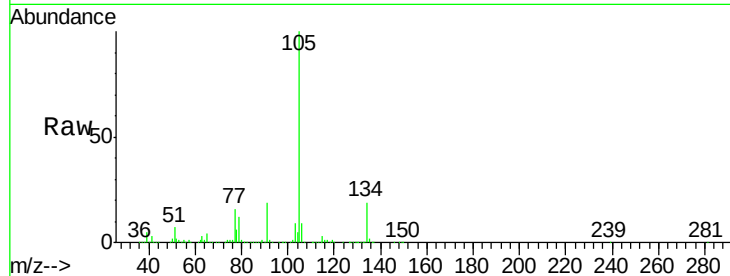
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.281 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.01 min

Lab File: VL038334.D

Acq: 3 Feb 2022 15:04

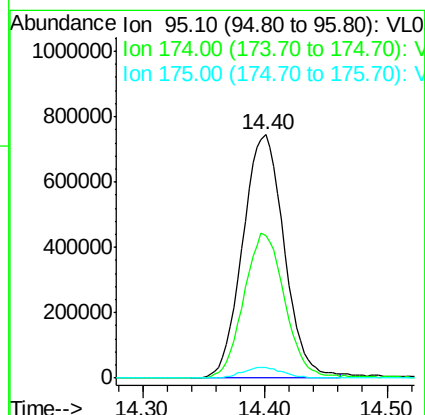
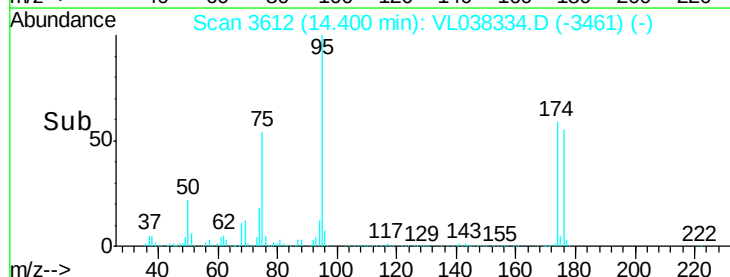
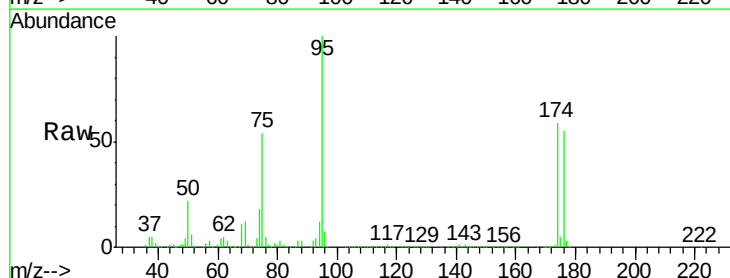
Tgt Ion: 95 Resp: 1748227

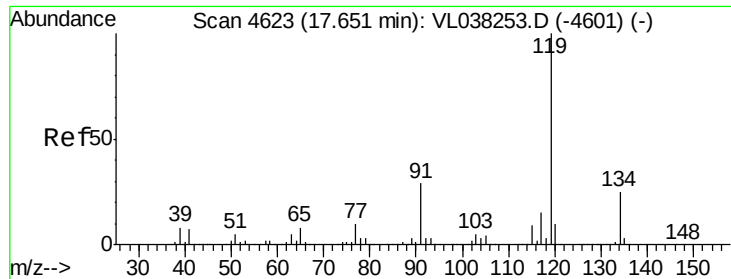
Ion Ratio Lower Upper

95 100

174 60.0 48.3 72.5

175 4.5 3.5 5.3



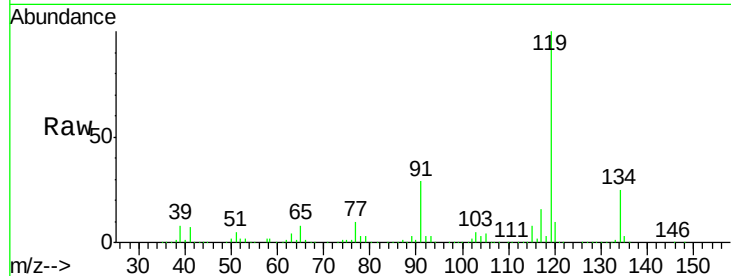


#69
 p-Isopropyltoluene
 Concen: 8.528 ppbv
 RT: 17.63 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

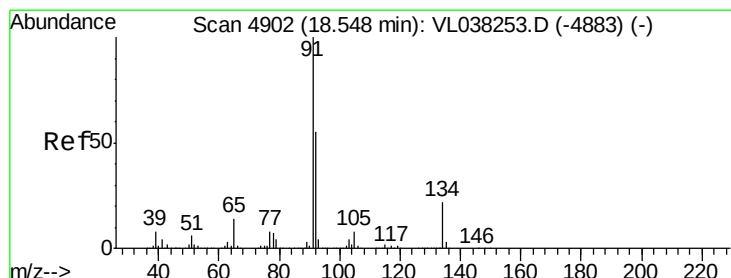
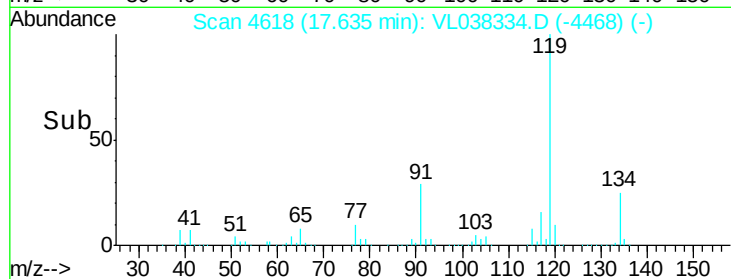
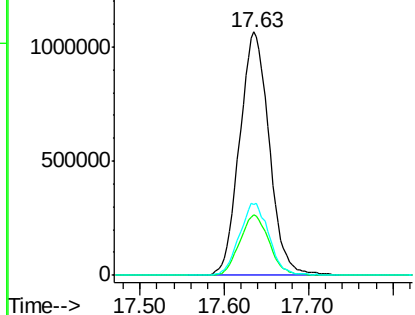
Tgt Ion: 119
 Ion Ratio: 100
 119 100
 134 24.
 91 29.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022

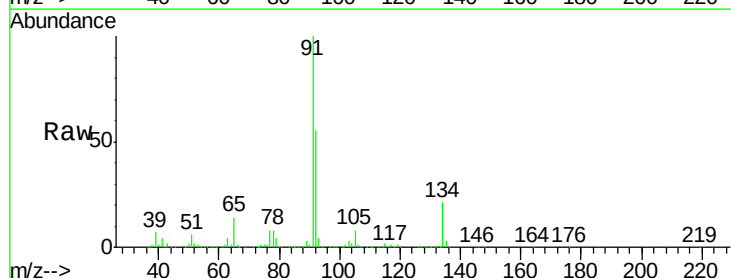


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

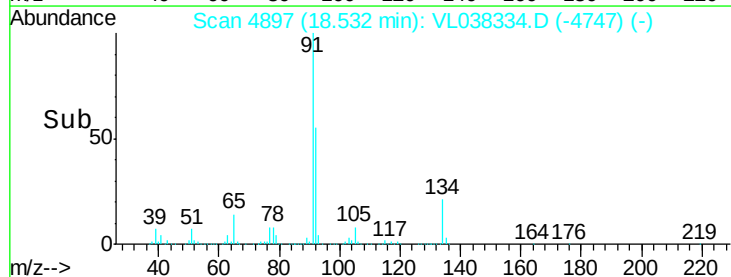
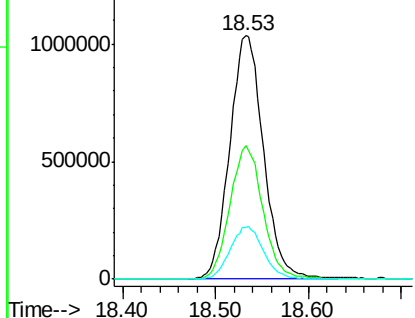


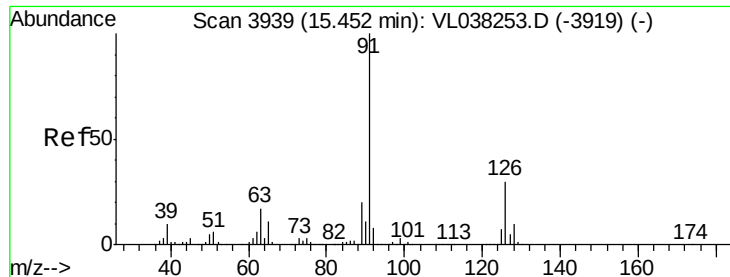
#70
 n-Butylbenzene
 Concen: 8.710 ppbv
 RT: 18.53 min Scan# 4897
 Delta R.T.: -0.02 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion: 91 Resp: 2605318
 Ion Ratio Lower Upper
 91 100
 92 54.0 43.4 65.0
 134 21.5 17.3 25.9



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V



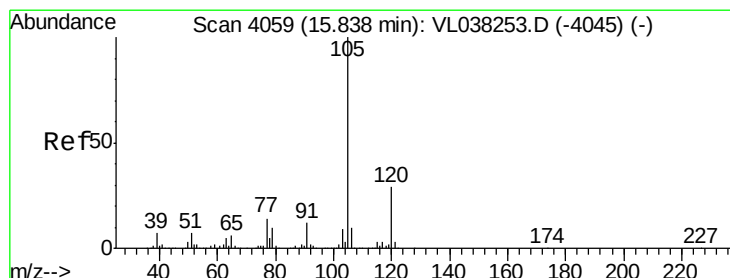
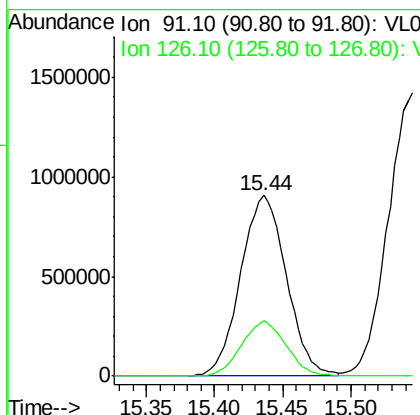
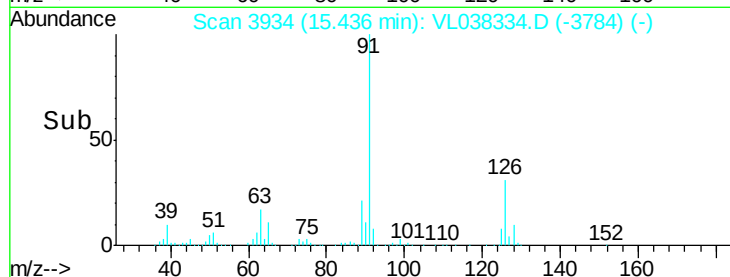
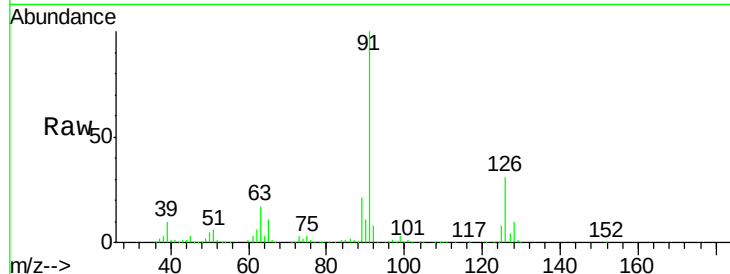


#71
 2-Chlorotoluene
 Concen: 8.172 ppbv
 RT: 15.44
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Feb 2022 15:04

Tgt Ion:
 Ion Ratio
 91 100
 126 30.

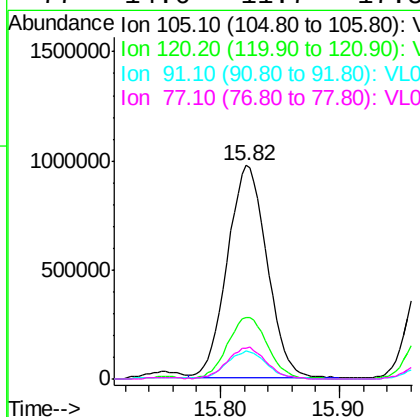
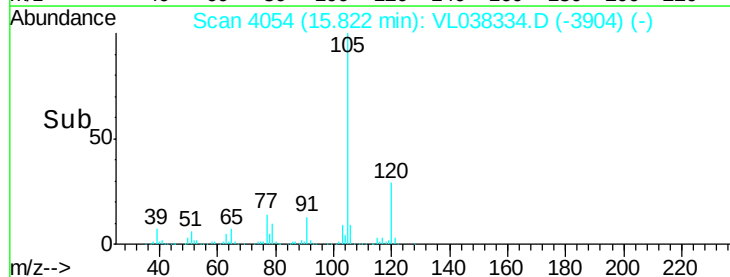
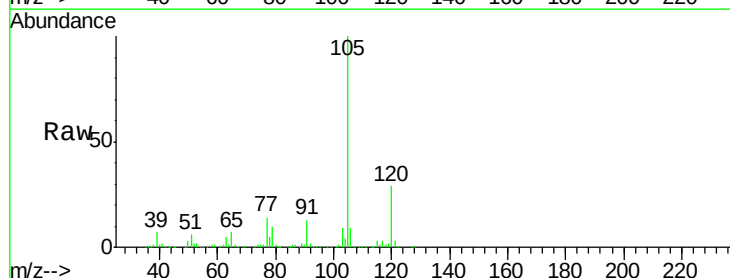
Manual Integrations
 APPROVED

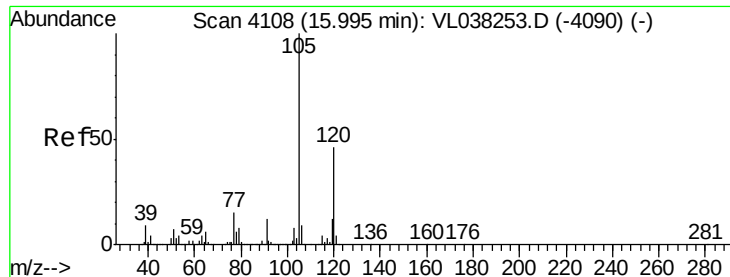
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#72
 4-Ethyltoluene
 Concen: 8.250 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.02 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion:105 Resp: 2254042
 Ion Ratio Lower Upper
 105 100
 120 29.1 23.8 35.8
 91 13.0 10.2 15.4
 77 14.6 11.7 17.5



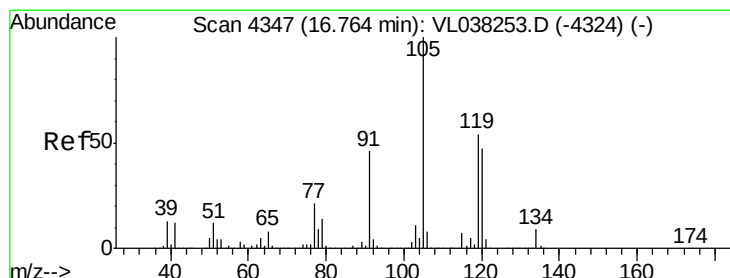
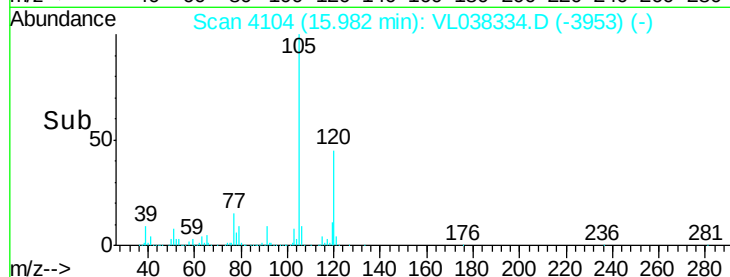
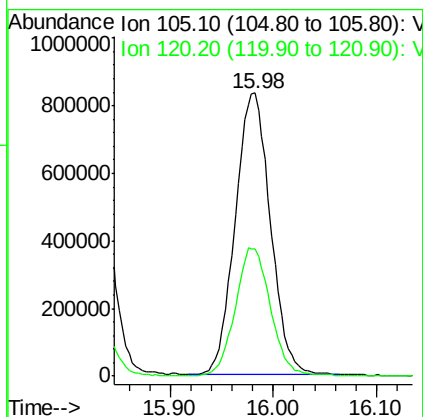
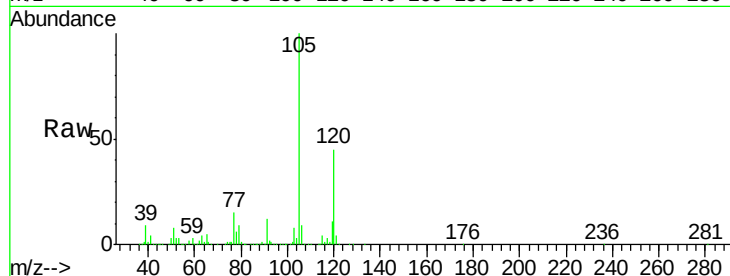


#73
 1,3,5-Trimethylbenzene
 Concen: 8.081 ppbv
 RT: 15.98 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

Tgt Ion:1
 Ion Ratio
 105 100
 120 45.

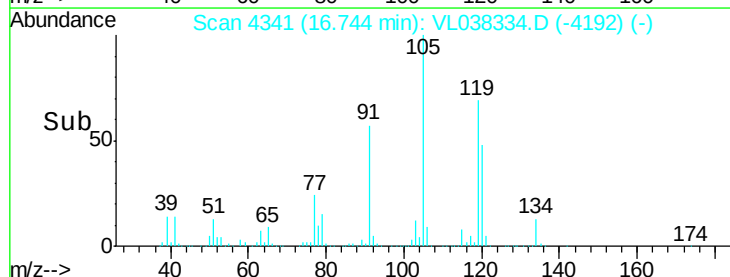
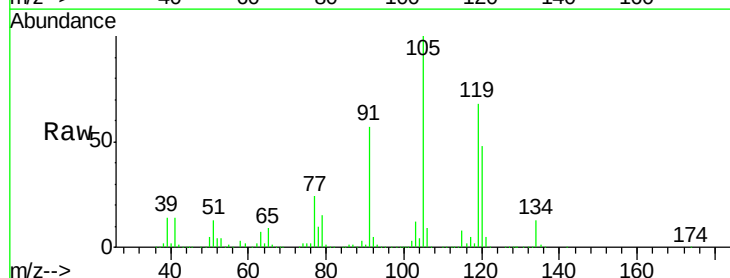
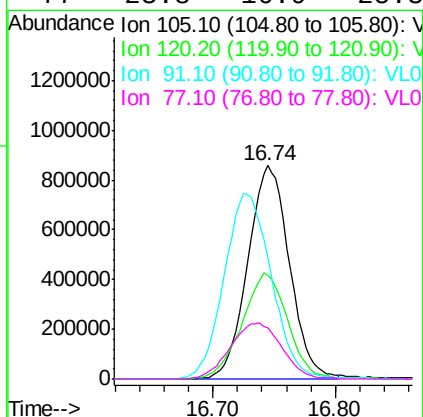
Manual Integrations
 APPROVED

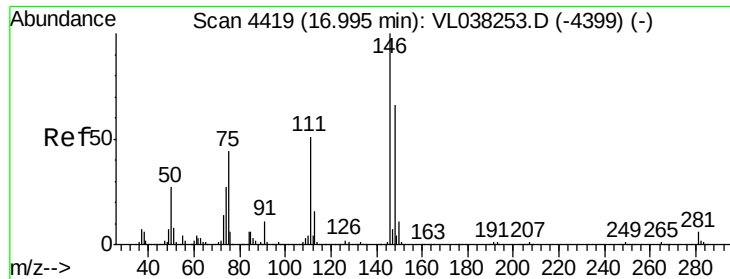
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 7.812 ppbv
 RT: 16.74 min Scan# 4341
 Delta R.T.: -0.02 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion:105 Resp: 2022191
 Ion Ratio Lower Upper
 105 100
 120 48.3 37.2 55.8
 91 56.2 36.6 55.0#
 77 23.8 16.9 25.3



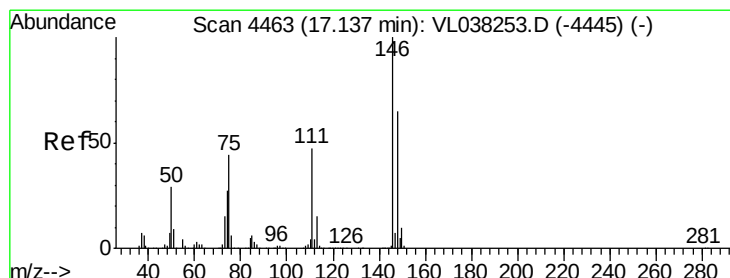
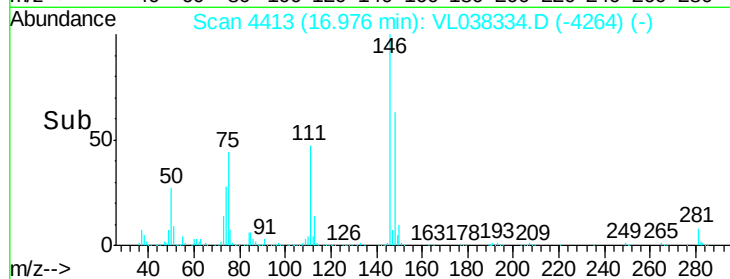
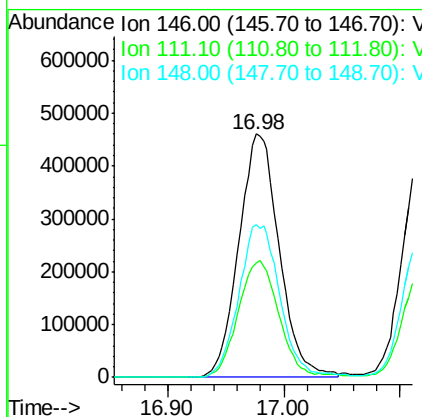
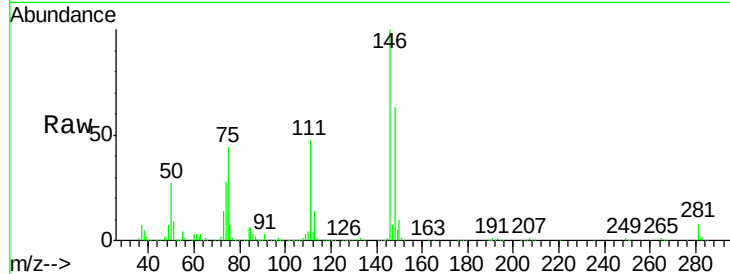


#75
 1,3-Dichlorobenzene
 Concen: 8.035 ppbv
 RT: 16.98
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

Tgt Ion:1
 Ion Rati
 146 100
 111 48.
 148 64.

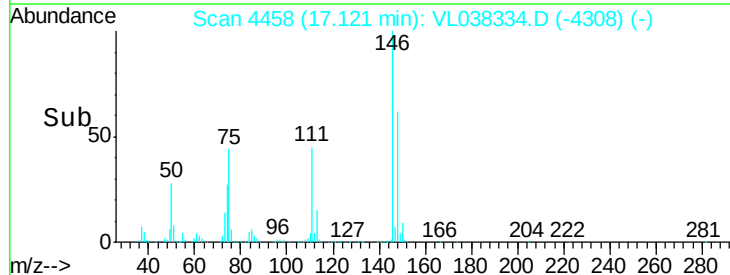
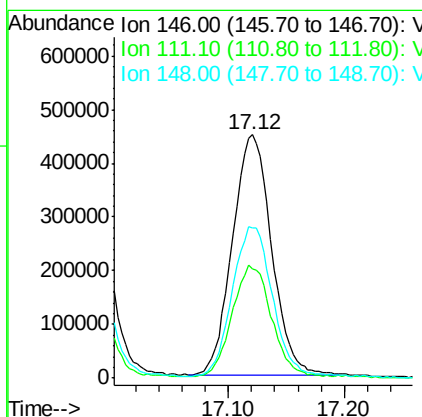
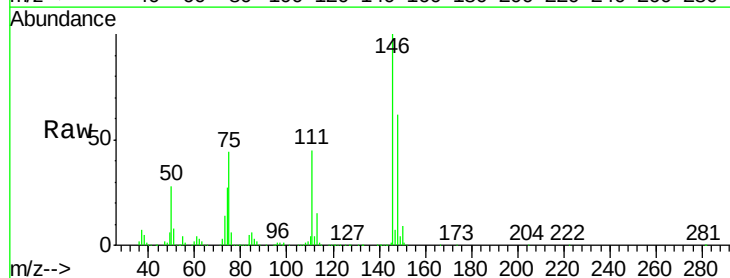
Manual Integrations
 APPROVED

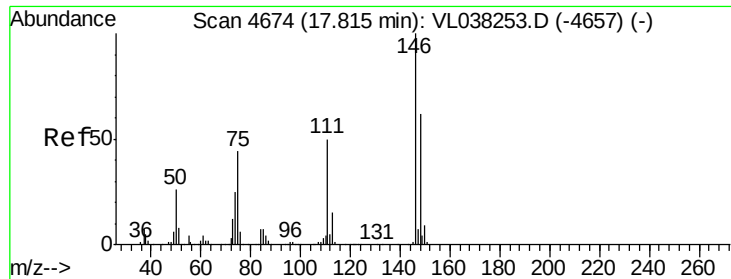
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#76
 1,4-Dichlorobenzene
 Concen: 7.809 ppbv
 RT: 17.12 min Scan# 4458
 Delta R.T. -0.02 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion:146 Resp: 1050267
 Ion Ratio Lower Upper
 146 100
 111 48.4 23.2 69.6
 148 65.4 32.4 97.0



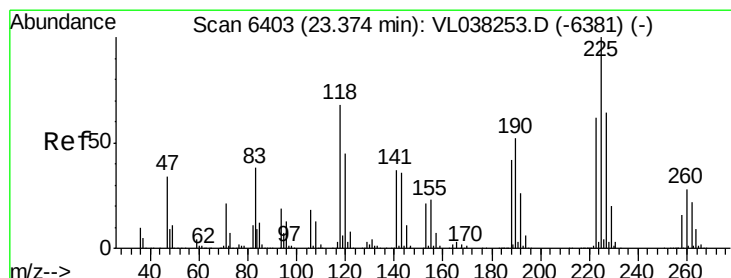
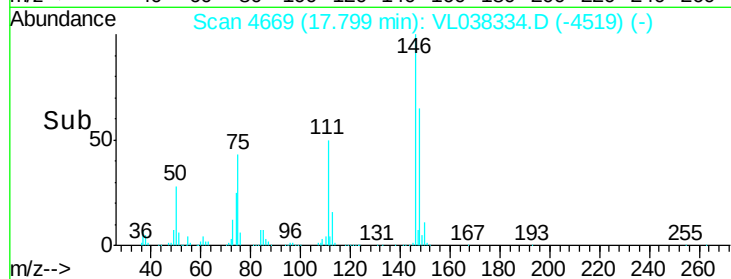
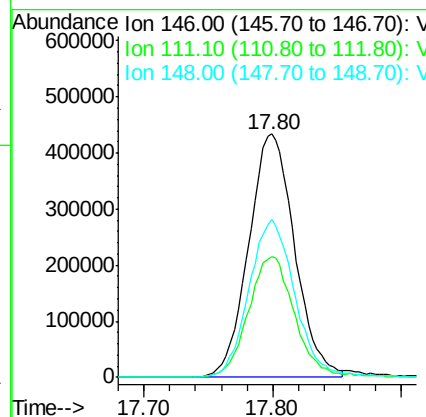
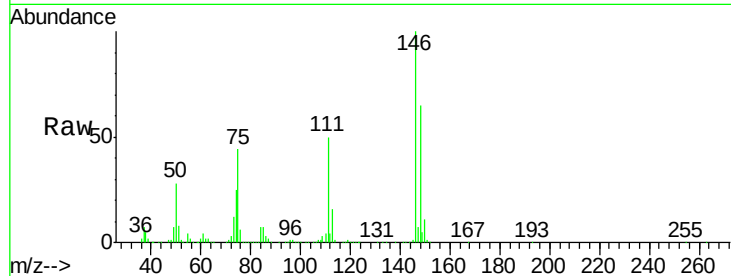


#77
 1,2-Dichlorobenzene
 Concen: 8.295 ppbv
 RT: 17.80 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

Tgt Ion: 146
 Ion Ratio: 100
 146 100
 111 50.0
 148 65.0

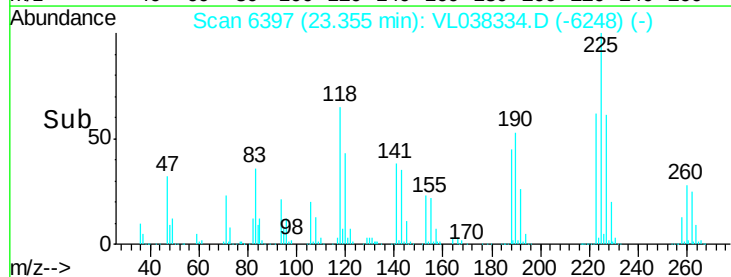
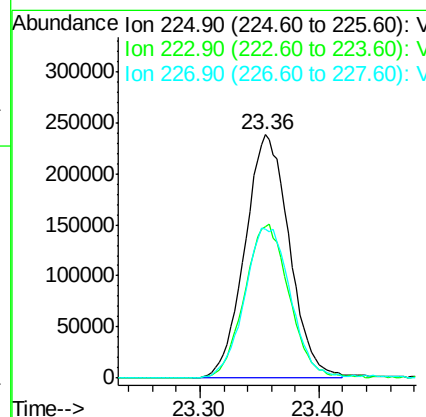
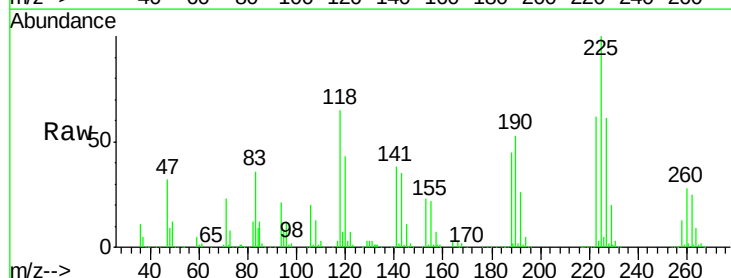
Manual Integrations
 APPROVED

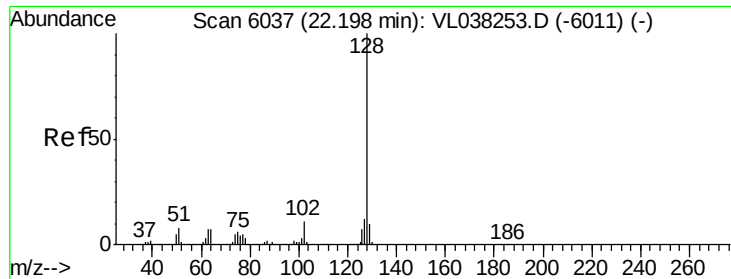
Reviewed By : Semsettin Yesilyurt 02/04/2022
 Supervised By : Mahesh Dadoda 02/04/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.857 ppbv
 RT: 23.36 min Scan# 6397
 Delta R.T.: -0.02 min
 Lab File: VL038334.D
 Acq: 3 Feb 2022 15:04

Tgt Ion: 225 Resp: 615051
 Ion Ratio Lower Upper
 225 100
 223 63.6 51.7 77.5
 227 64.8 51.4 77.0



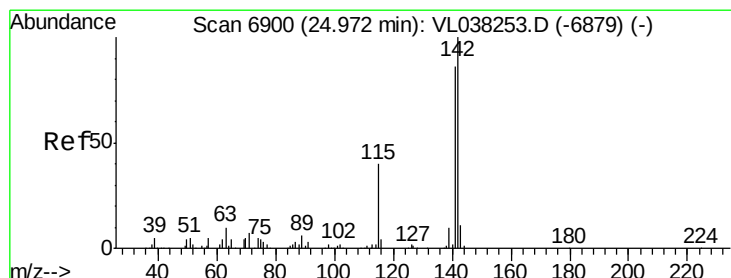
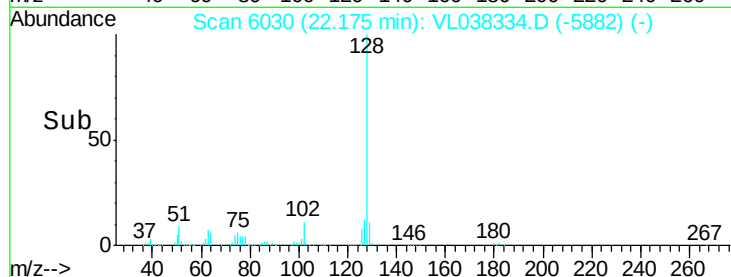
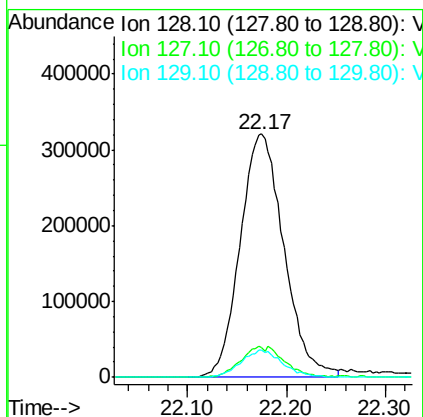
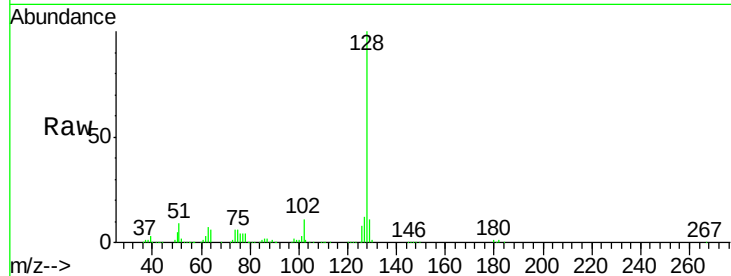


#79
Naphthalene
Concen: 8.116 ppbv
RT: 22.17 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 3 Feb 2022 15:04

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

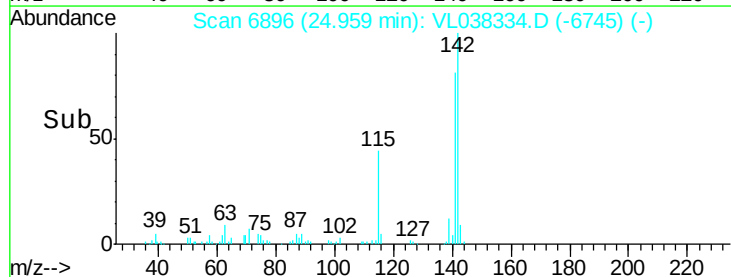
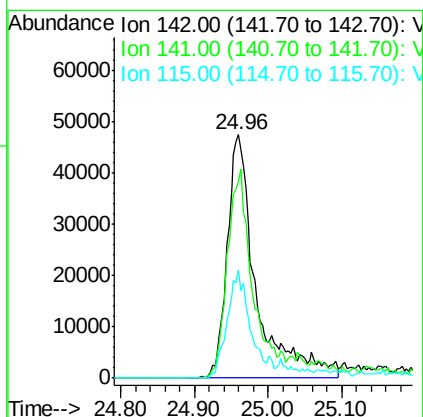
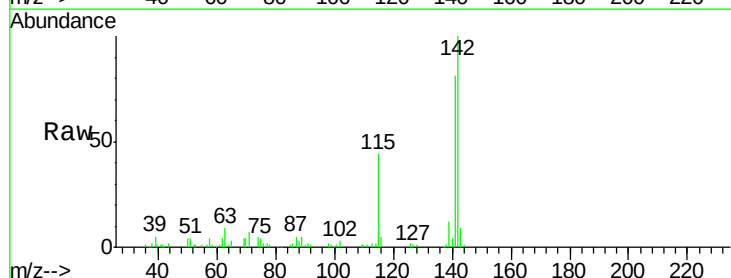
Manual Integrations
APPROVED

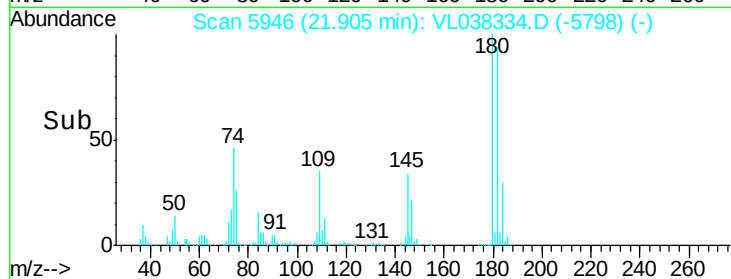
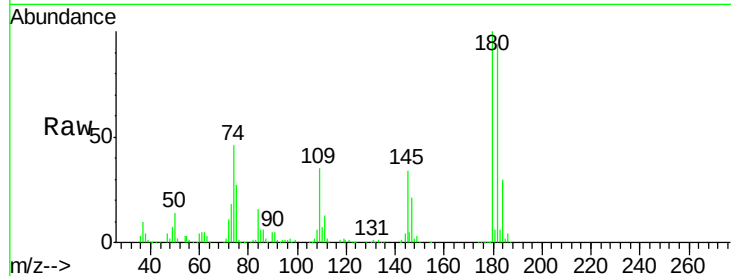
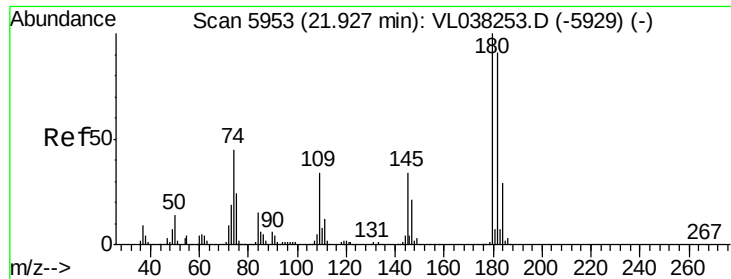
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#80
Naphthalene, 2-methyl-
Concen: 9.844 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. -0.01 min
Lab File: VL038334.D
Acq: 3 Feb 2022 15:04

Tgt Ion:142 Resp: 129564
Ion Ratio Lower Upper
142 100
141 85.2 70.2 105.4
115 35.6 31.8 47.6





#81
 1,2,4-Trichlorobenzene
 Concen: 7.907 ppbv
 RT: 21.90
 Delta R.T
 Lab File: VSTDCCC010EC
 Acq: 3 Feb 2022 15:04

Tgt Ion:1
 Ion Rati
 180 100
 182 97.
 184 30.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022

