

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038021.D
 Acq On : 11 Nov 2021 10:09
 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 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 06:04:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1246879	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.15	114	3849514	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3566820m	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2640794	10.19	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	2094404	11.922	ppbv	94
3) Chlorodifluoromethane	2.98	51	2004993	8.638	ppbv	99
4) Chloromethane	3.13	50	688046	7.800	ppbv	99
5) Vinyl Chloride	3.25	62	700878	8.244	ppbv	97
6) Bromomethane	3.46	94	235241	5.122	ppbv	99
7) Chloroethane	3.55	64	251577	8.197	ppbv	97
8) Dichlorotetrafluoroethane	3.18	85	1652761	8.167	ppbv	99
9) Propene	3.01	41	693447	8.332	ppbv	95
10) Heptane	8.10	43	1706795	8.815	ppbv	99
11) Trichlorofluoromethane	3.94	101	1508367	8.623	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1168862	8.572	ppbv	100
13) Ethanol	3.59	45	73358m	8.737	ppbv	
14) Bromoethene	3.73	108	504184	8.452	ppbv	99
15) Acetone	3.84	43	770479	7.478	ppbv	97
16) 1,3-Butadiene	3.32	39	773058	9.522	ppbv	89
17) tert-Butyl alcohol	4.28	59	832385m	7.770	ppbv	
18) 1,1-Dichloroethene	4.28	96	522973	8.333	ppbv	97
19) Isopropyl Alcohol	3.95	45	482164	7.318	ppbv #	92
20) Methylene Chloride	4.33	84	427595	7.559	ppbv	91
21) Allyl Chloride	4.40	41	688489	7.242	ppbv	97
22) trans-1,2-Dichloroethene	4.87	96	517945	8.305	ppbv	95
23) Vinyl Acetate	5.06	43	1237466	7.976	ppbv	98
24) 1,1-Dichloroethane	5.00	63	1094437	8.539	ppbv	100
25) Ethyl Acetate	5.66	43	2491072	8.140	ppbv	99
26) Hexane	5.67	57	1256683	8.667	ppbv	94
27) Carbon Disulfide	4.54	76	1304364	9.113	ppbv	97
28) Methyl tert-Butyl Ether	5.02	73	1091486	8.954	ppbv	99
29) Chloroform	5.74	83	1735033	8.024	ppbv	97
30) Cyclohexane	7.11	84	1075493	8.677	ppbv	99
31) cis-1,2-Dichloroethene	5.53	61	1170610	8.849	ppbv	100
32) 1,1,1-Trichloroethane	6.49	97	1651570	7.771	ppbv	99
34) 2-Butanone	5.23	43	1104266	7.741	ppbv	99
35) Carbon Tetrachloride	7.00	117	1650583	7.092	ppbv	99
36) Benzene	6.87	78	2602315	8.301	ppbv	98
37) 1,2-Dichloroethane	6.29	62	1248566	8.377	ppbv	97
38) Trichloroethene	7.81	130	1026208	7.887	ppbv	98
39) 1,2-Dichloropropane	7.59	63	1022216	8.666	ppbv	100
40) 1,4-Dioxane	7.81	88	245478	7.902	ppbv	93
41) Tetrahydrofuran	6.03	42	569040	8.153	ppbv	98
42) Bromodichloromethane	7.77	83	1909233	8.473	ppbv	99
43) Methyl Methacrylate	7.99	69	984269	9.565	ppbv	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038021.D
 Acq On : 11 Nov 2021 10:09
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

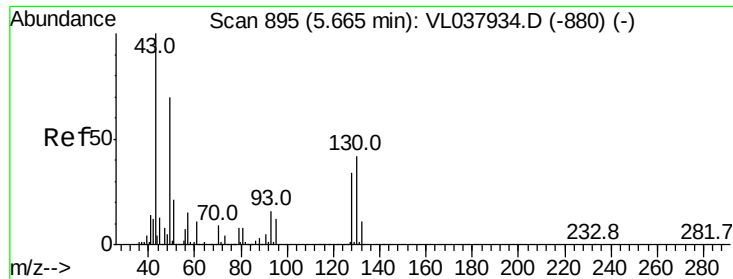
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 06:04:43 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	4445916	8.338	ppbv	98
45) t-1,3-Dichloropropene	9.25	75	303081	4.009	ppbv	97
46) cis-1,3-Dichloropropene	8.68	75	545628	5.249	ppbv	98
47) 1,1,2-Trichloroethane	9.45	97	1065245	8.038	ppbv	98
48) Dibromochloromethane	10.28	129	1704703	9.085	ppbv	97
49) Bromoform	13.01	173	1433692	9.666	ppbv	98
50) 4-Methyl-2-Pentanone	8.72	43	1754830	9.363	ppbv	98
51) 2-Hexanone	10.11	43	915574	11.591	ppbv #	95
52) Tetrachloroethene	11.19	164	1001933	8.425	ppbv	97
53) Toluene	9.78	91	3110985	9.257	ppbv	100
54) 1,2-Dibromoethane	10.58	107	1423651	8.329	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.10	131	1179798	8.193	ppbv	96
57) Chlorobenzene	12.12	112	2286364	8.031	ppbv	99
58) Ethyl Benzene	12.68	91	4080881	9.356	ppbv	100
59) m/p-Xylene	12.97	91	6660859m	17.181	ppbv	
60) o-Xylene	13.66	91	3167063	8.664	ppbv	97
61) Styrene	13.50	104	1705477	10.159	ppbv	100
62) Isopropylbenzene	14.64	105	4534888	8.762	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.64	83	2276043	7.234	ppbv	99
64) n-propylbenzene	15.53	120	1204717	9.084	ppbv	98
65) tert-Butylbenzene	16.72	119	3953860	8.644	ppbv	100
66) Benzyl Chloride	16.95	91	59205m	2.477	ppbv	
67) sec-Butylbenzene	17.26	105	5530134	8.775	ppbv	99
69) p-Isopropyltoluene	17.63	119	4588487	9.077	ppbv	100
70) n-Butylbenzene	18.52	91	4427280	9.531	ppbv	100
71) 2-Chlorotoluene	15.42	91	3368668	9.289	ppbv	99
72) 4-Ethyltoluene	15.81	105	3787389	9.044	ppbv	99
73) 1,3,5-Trimethylbenzene	15.97	105	3366372	8.584	ppbv	100
74) 1,2,4-Trimethylbenzene	16.73	105	3473258	8.454	ppbv #	91
75) 1,3-Dichlorobenzene	16.97	146	2137546	8.356	ppbv	100
76) 1,4-Dichlorobenzene	17.11	146	2049229	8.279	ppbv	100
77) 1,2-Dichlorobenzene	17.79	146	2116945m	8.814	ppbv	
78) Hexachloro-1,3-Butadiene	23.34	225	1561303	7.594	ppbv	98
79) Naphthalene	22.16	128	2313316	9.773	ppbv	97
80) Naphthalene,2-methyl-	24.95	142	361507	7.845	ppbv	98
81) 1,2,4-Trichlorobenzene	21.89	180	1408397	9.141	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 11 Nov 2021 10:09

Tot Ion:

Ion Ratio

49 100

128 55.

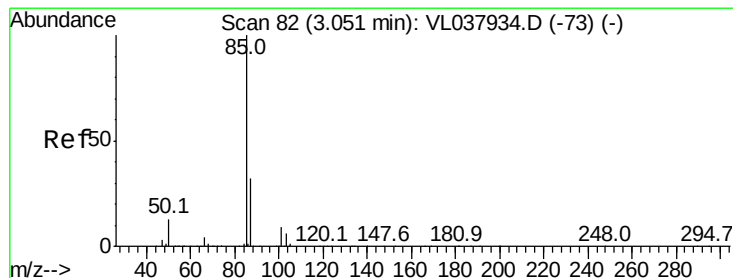
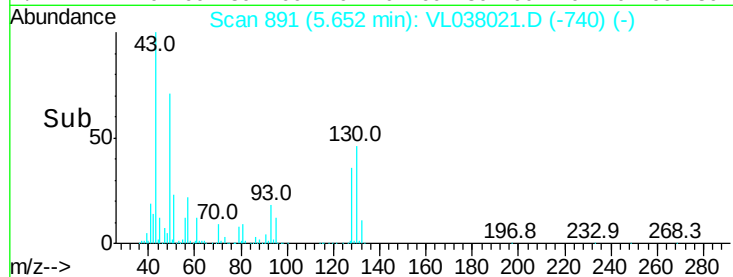
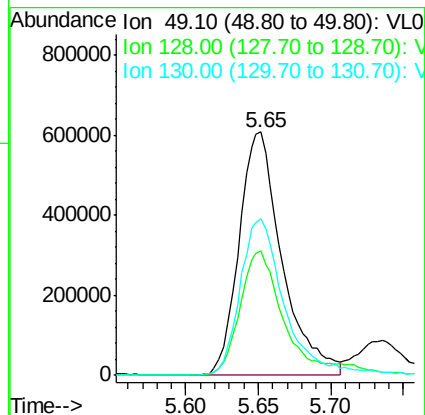
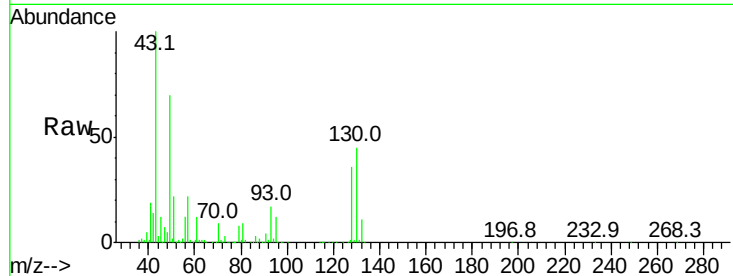
130 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#2

Dichlorodifluoromethane

Concen: 11.922 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL038021.D

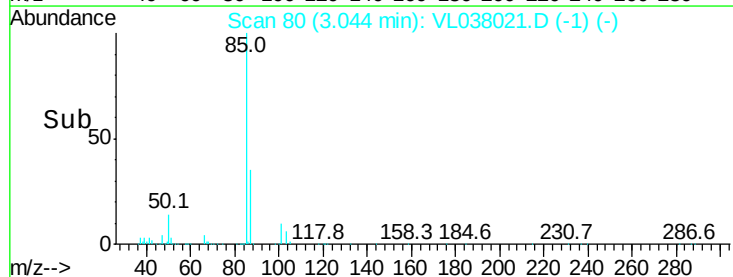
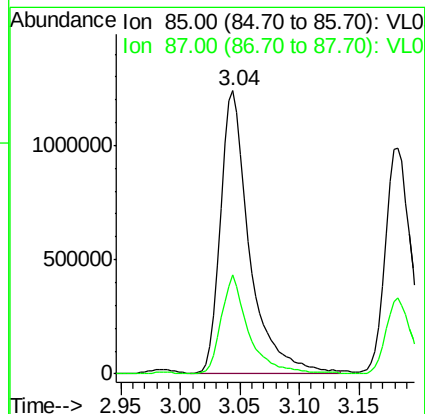
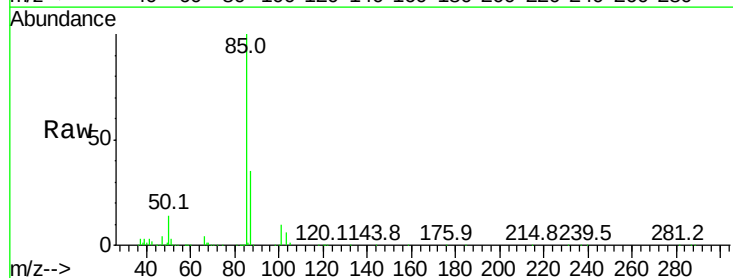
Acq: 11 Nov 2021 10:09

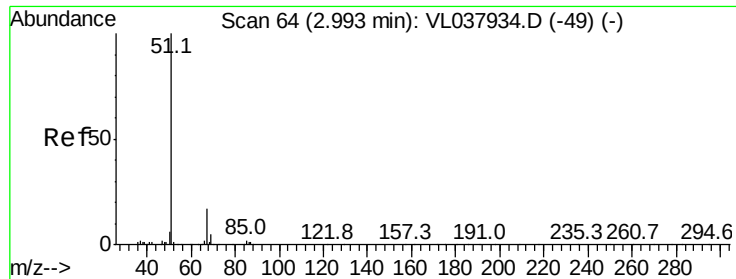
Tgt Ion: 85 Resp: 2094404

Ion Ratio Lower Upper

85 100

87 34.8 25.3 37.9





#3

Chlorodifluoromethane

Concen: 8.638 ppbv

RT: 2.98 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

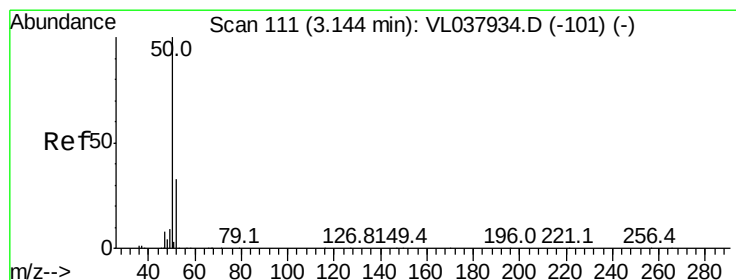
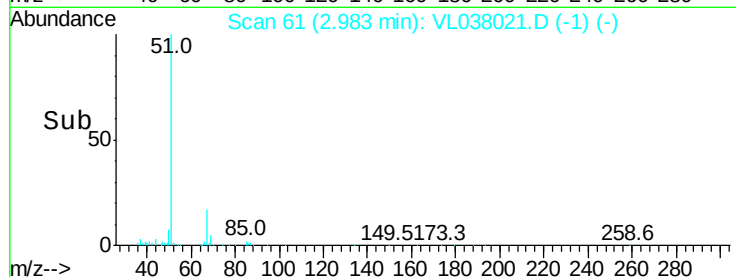
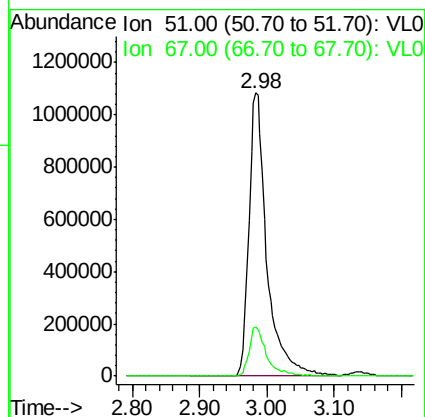
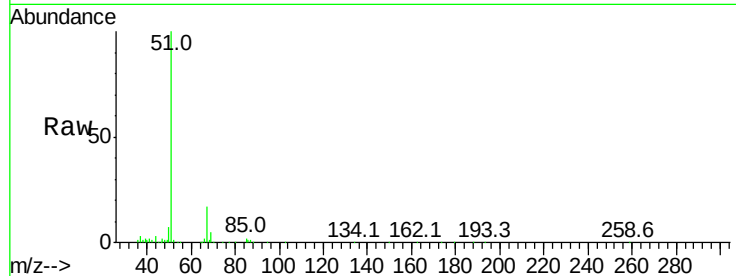
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#4

Chloromethane

Concen: 7.800 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL038021.D

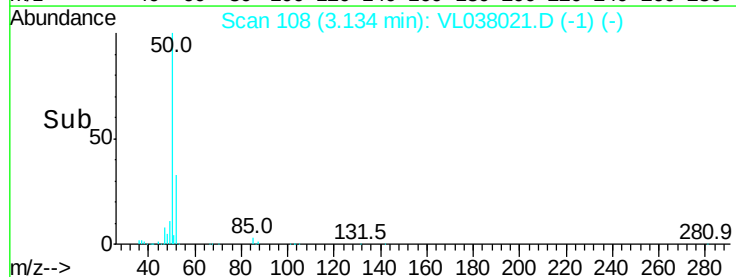
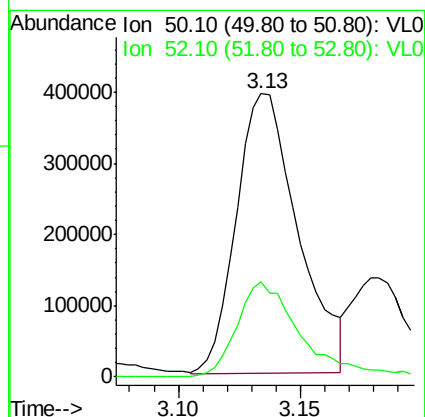
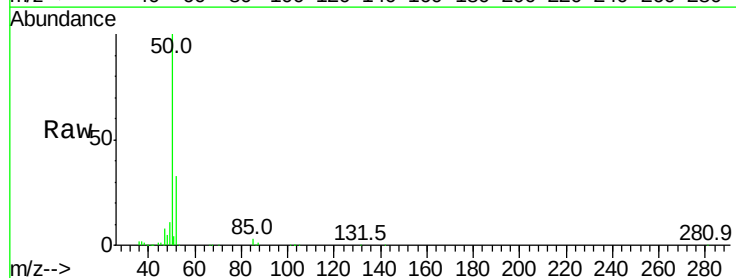
Acq: 11 Nov 2021 10:09

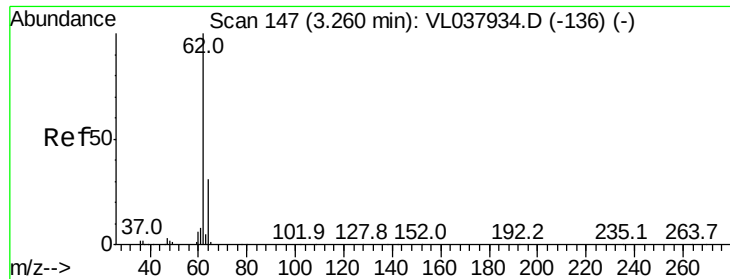
Tgt Ion: 50 Resp: 688046

Ion Ratio Lower Upper

50 100

52 33.6 26.3 39.5





#5

Vinyl Chloride

Concen: 8.244 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 11 Nov 2021 10:09

Tot Ion:

Ion Ratio

62 100

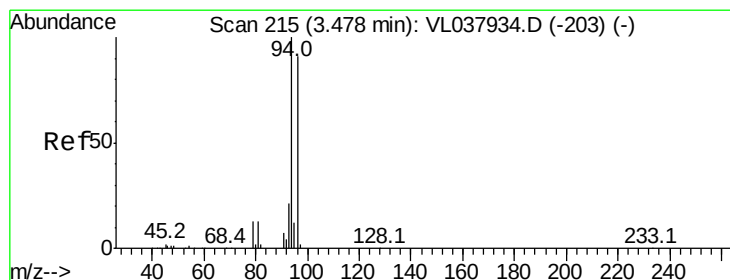
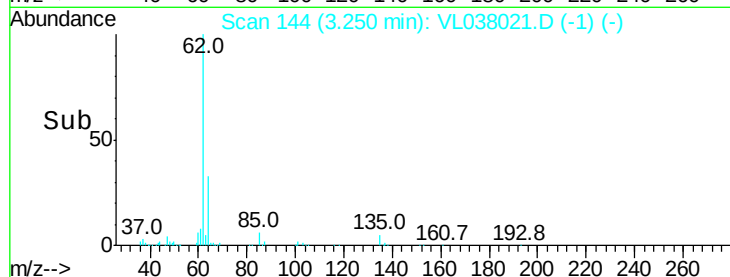
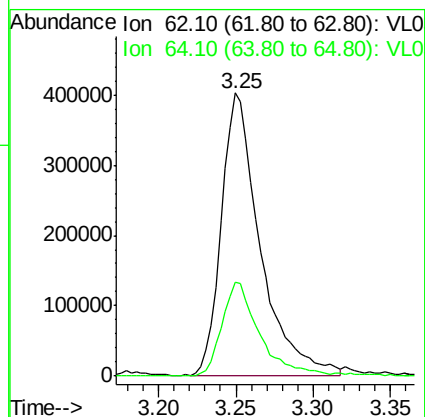
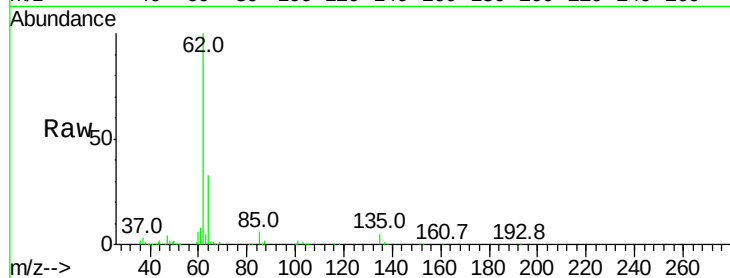
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#6

Bromomethane

Concen: 5.122 ppbv

RT: 3.46 min Scan# 210

Delta R.T. -0.02 min

Lab File: VL038021.D

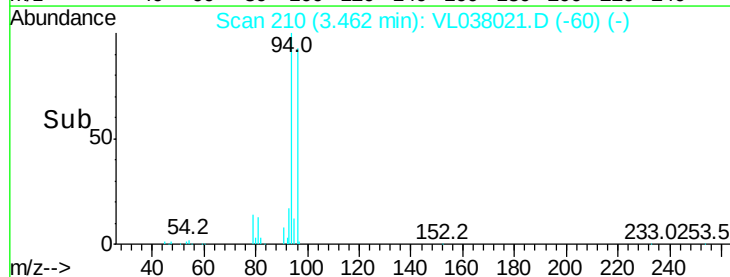
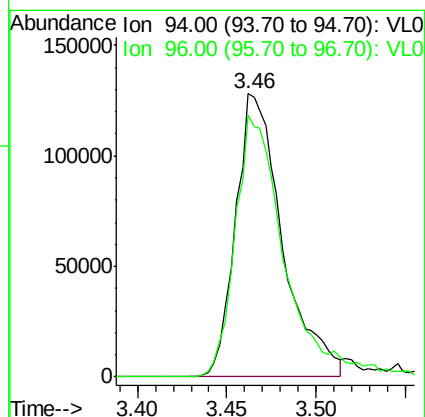
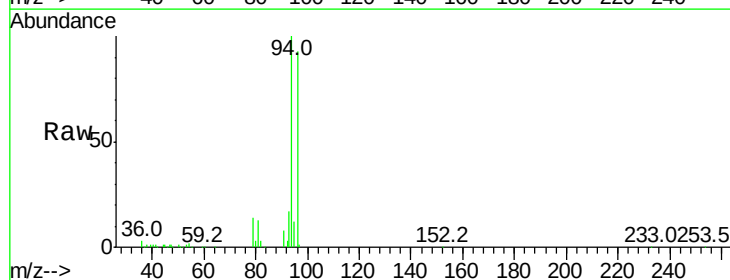
Acq: 11 Nov 2021 10:09

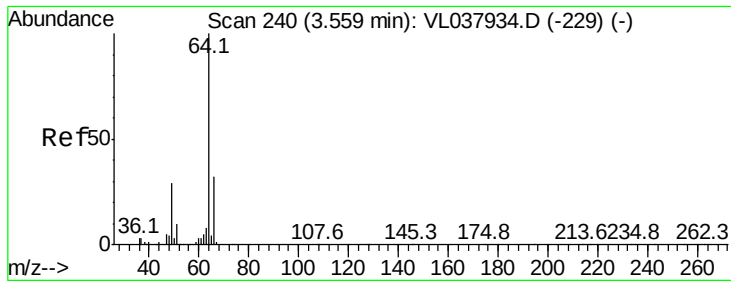
Tgt Ion: 94 Resp: 235241

Ion Ratio Lower Upper

94 100

96 92.5 73.0 109.4





#7

Chloroethane

Concen: 8.197 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T. -0.01 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 11 Nov 2021 10:09

Tot Ion:

Ion Ratio

64 100

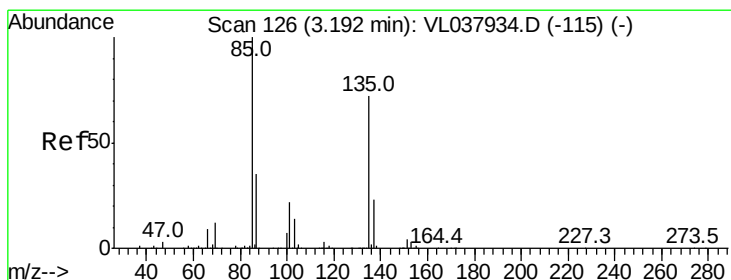
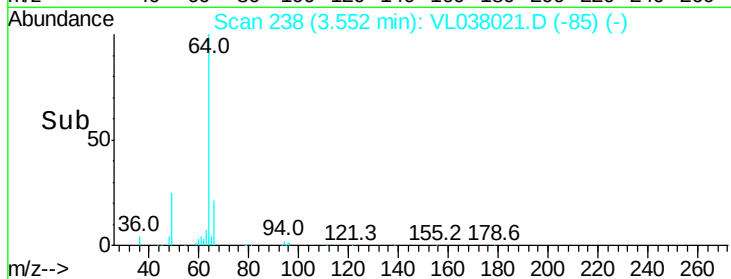
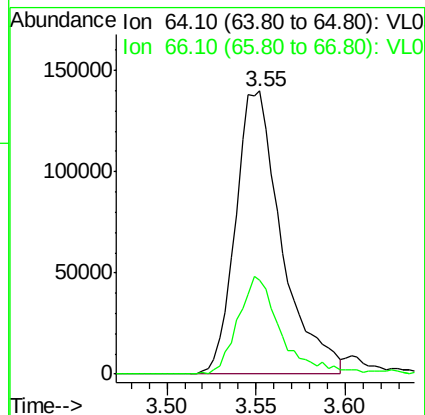
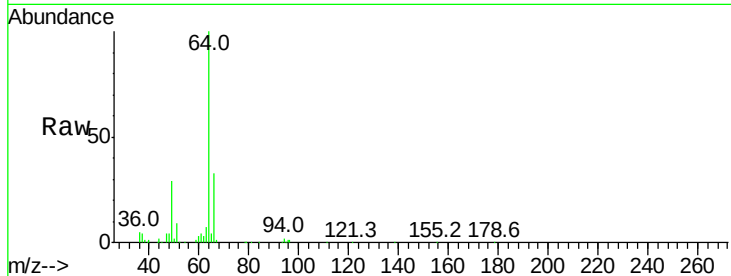
66 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#8

Dichlorotetrafluoroethane

Concen: 8.167 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.01 min

Lab File: VL038021.D

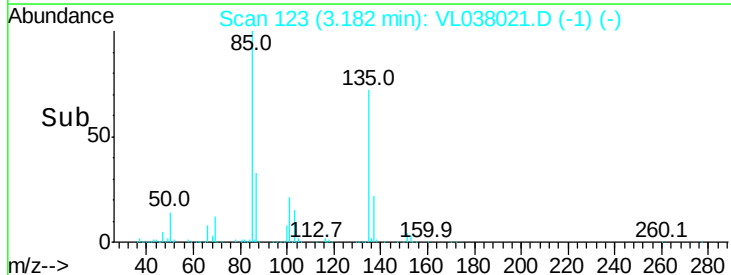
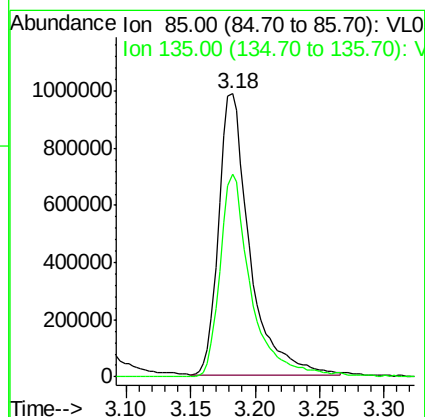
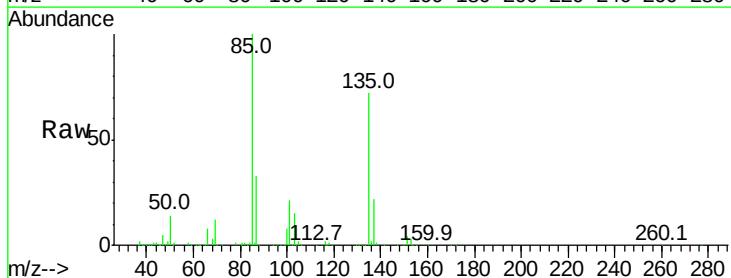
Acq: 11 Nov 2021 10:09

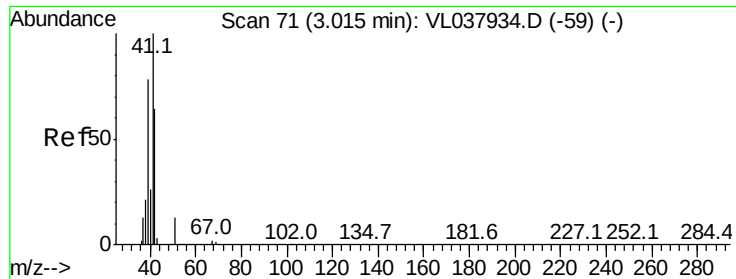
Tgt Ion: 85 Resp: 1652761

Ion Ratio Lower Upper

85 100

135 72.9 58.8 88.2





#9

Propene

Concen: 8.332 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:

Ion Ratio

41 100

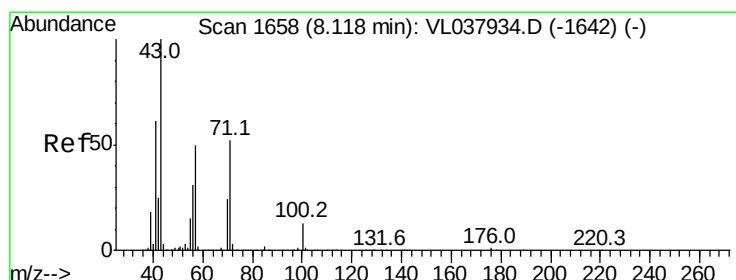
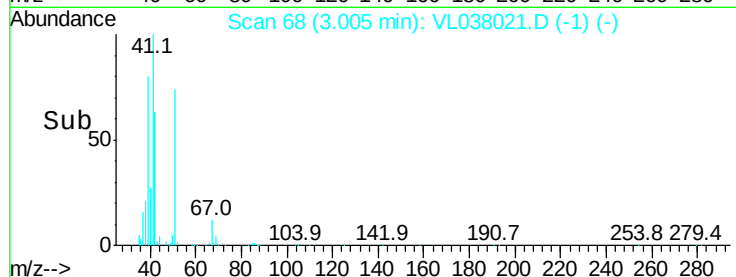
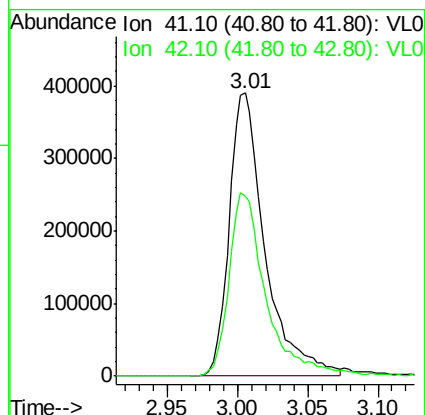
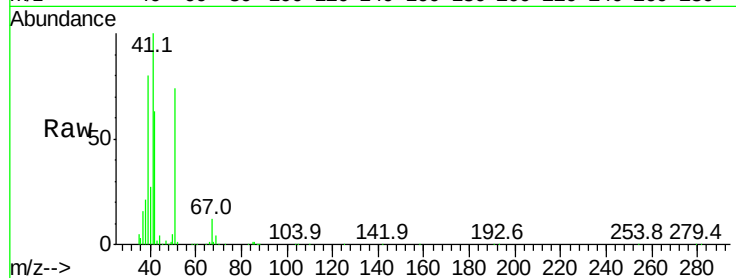
42 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#10

Heptane

Concen: 8.815 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.02 min

Lab File: VL038021.D

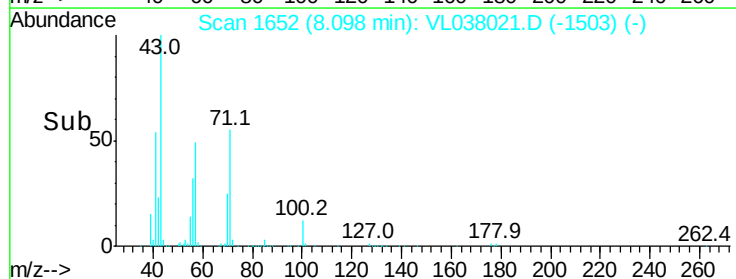
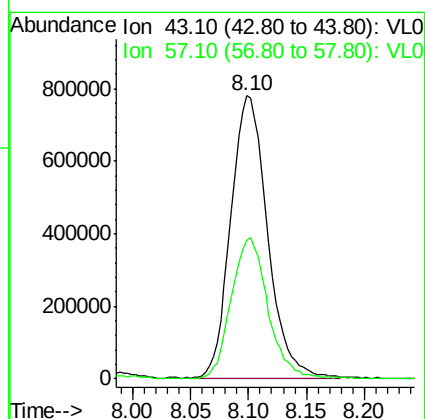
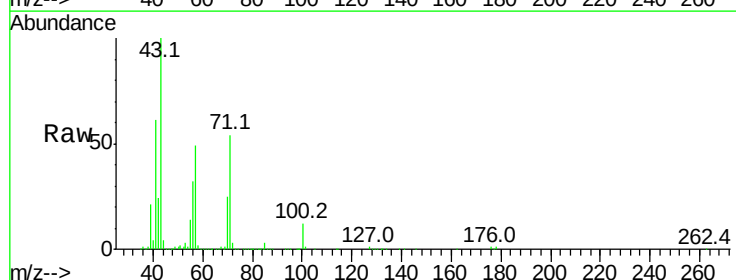
Acq: 11 Nov 2021 10:09

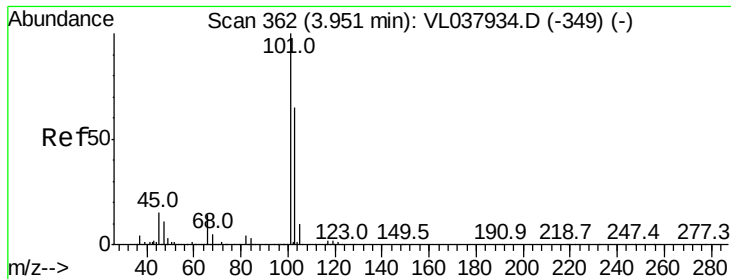
Tgt Ion: 43 Resp: 1706795

Ion Ratio Lower Upper

43 100

57 50.5 39.8 59.8



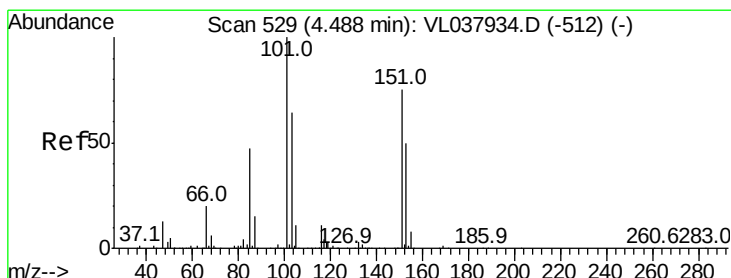
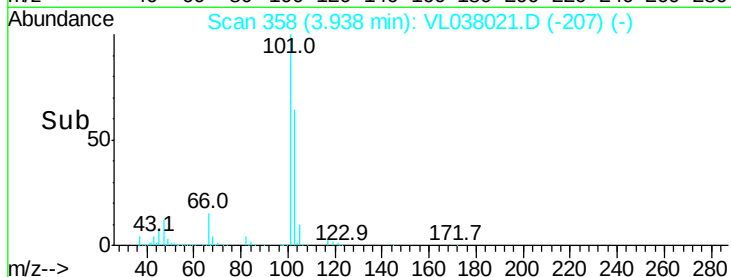
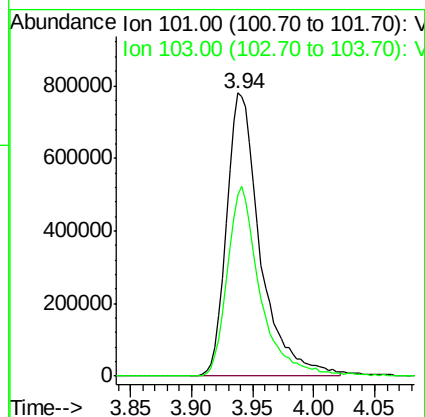
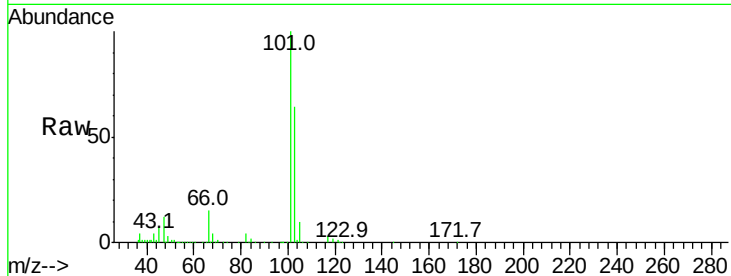


#11
 Trichlorofluoromethane
 Concen: 8.623 ppbv
 RT: 3.94
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 11 Nov 2021 10:09

Tot Ion:1
 Ion Rati
 101 100
 103 63.

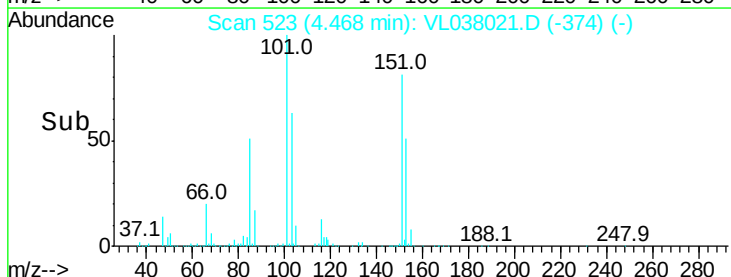
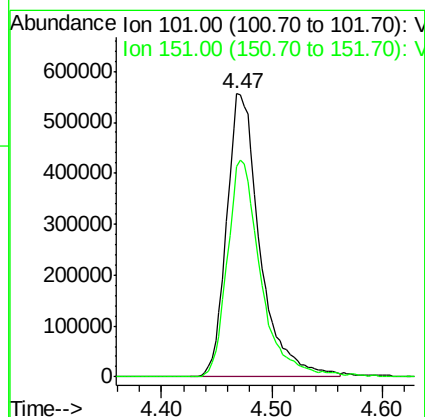
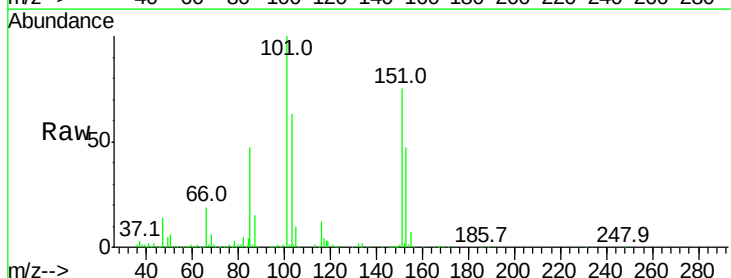
Manual Integrations
 APPROVED

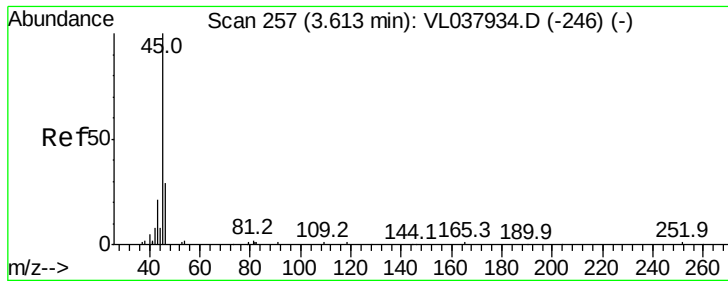
Reviewed By :Semsettin Yesilyurt 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.572 ppbv
 RT: 4.47 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: VL038021.D
 Acq: 11 Nov 2021 10:09

Tgt Ion:101 Resp: 1168862
 Ion Ratio Lower Upper
 101 100
 151 77.0 61.8 92.8



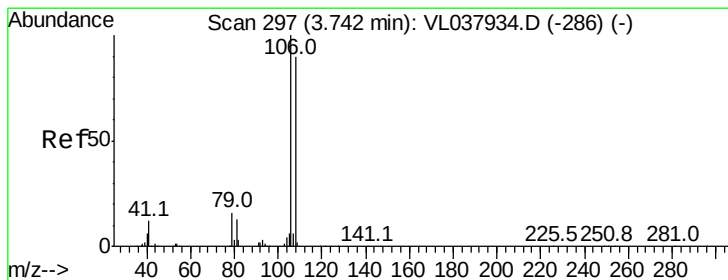
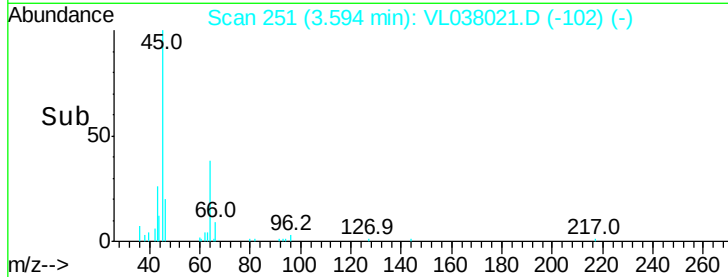
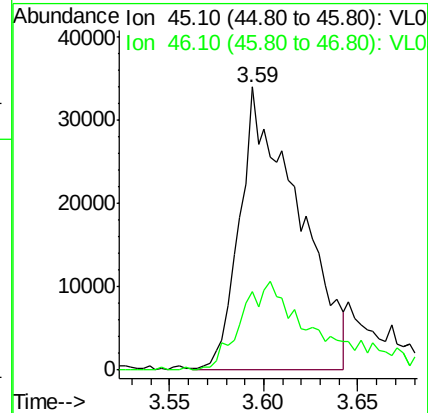
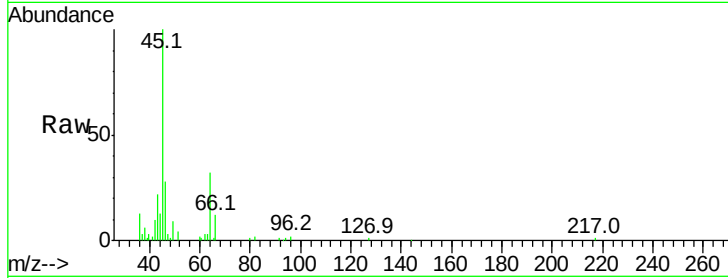


#13
Ethanol
Concen: 8.737 ppbv m
RT: 3.59
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 11 Nov 2021 10:09

Tot Ion:
Ion Ratio
45 100
46 45.

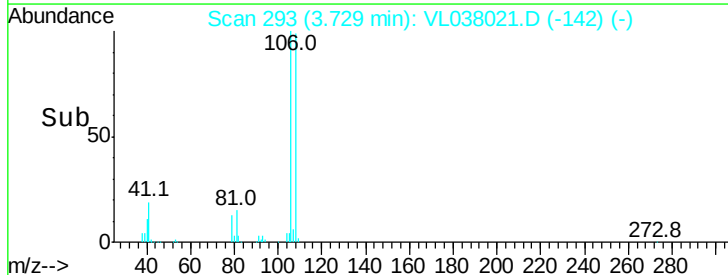
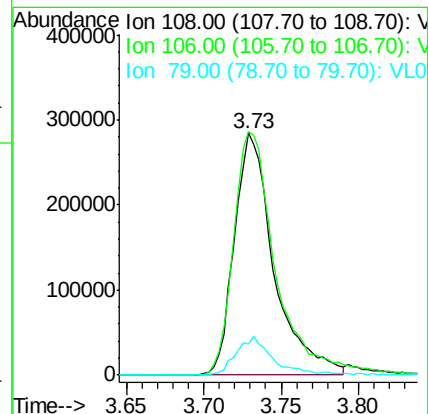
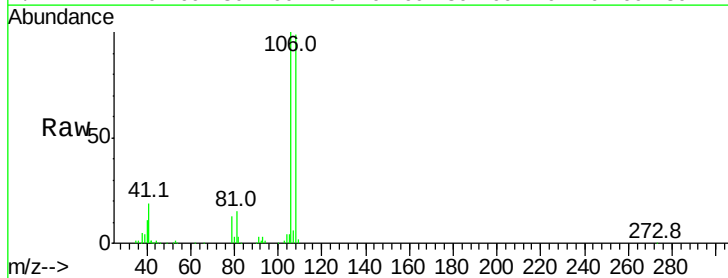
Manual Integrations
APPROVED

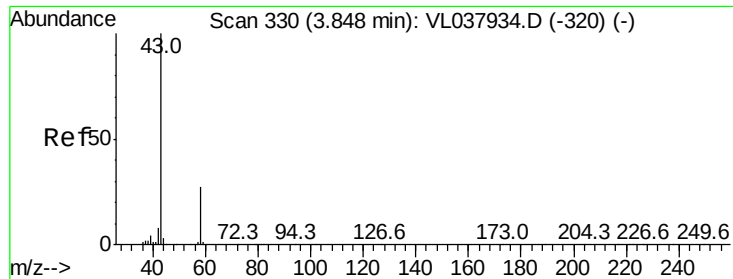
Reviewed By :Semsettin Yesilyurt 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Bromoethene
Concen: 8.452 ppbv
RT: 3.73 min Scan# 293
Delta R.T. -0.01 min
Lab File: VL038021.D
Acq: 11 Nov 2021 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	504184		
106	109.3		88.4	132.6
79	15.4		12.4	18.6





#15

Acetone

Concen: 7.478 ppbv

RT: 3.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 11 Nov 2021 10:09

Tot Ion:

Ion Ratio

43 100

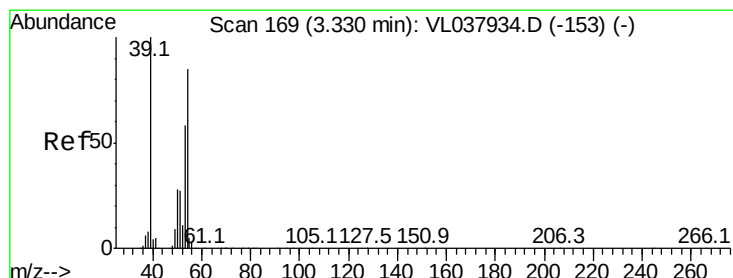
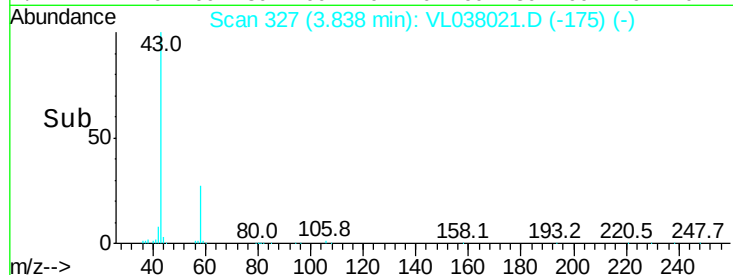
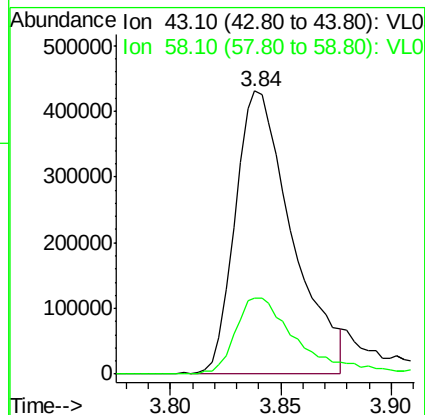
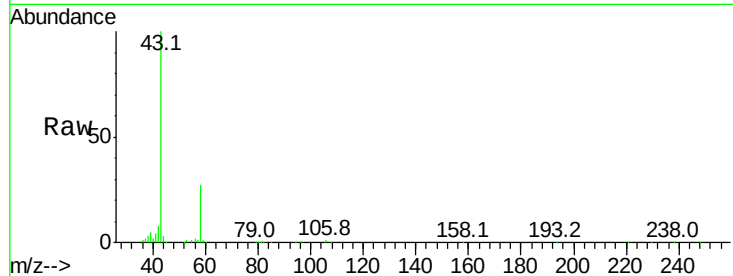
58 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#16

1,3-Butadiene

Concen: 9.522 ppbv

RT: 3.32 min Scan# 165

Delta R.T. -0.01 min

Lab File: VL038021.D

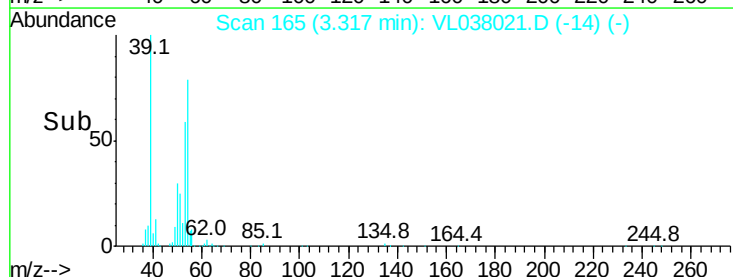
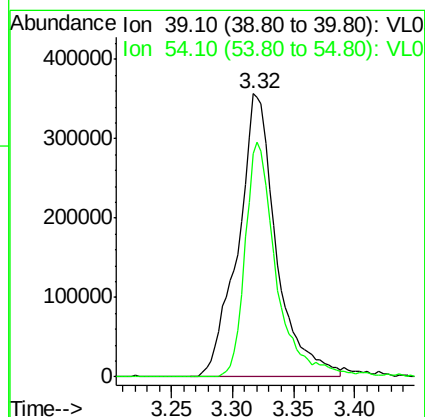
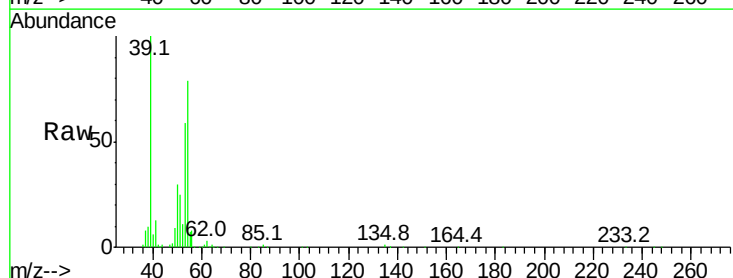
Acq: 11 Nov 2021 10:09

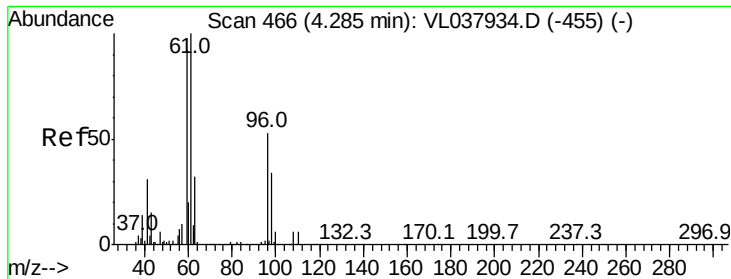
Tgt Ion: 39 Resp: 773058

Ion Ratio Lower Upper

39 100

54 68.2 62.6 93.8





#17

tert-Butyl alcohol

Concen: 7.770 ppbv m

RT: 4.28 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 11 Nov 2021 10:09

Tot Ion:

Ion Ratio

59 100

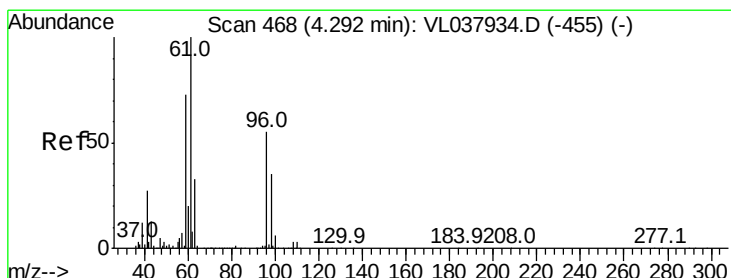
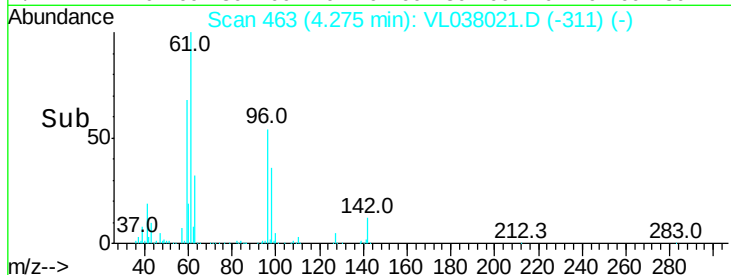
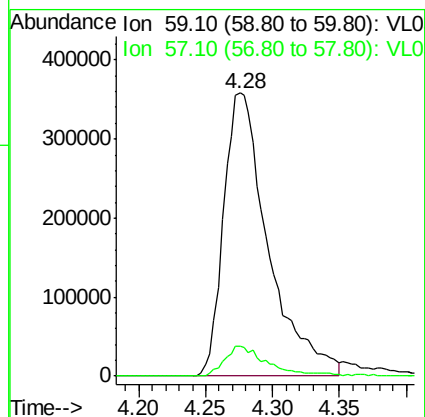
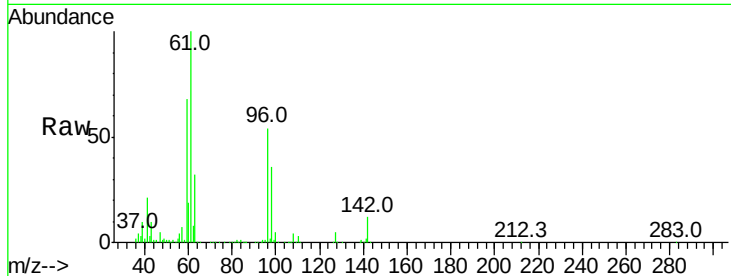
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#18

1,1-Dichloroethene

Concen: 8.333 ppbv

RT: 4.28 min Scan# 463

Delta R.T. -0.02 min

Lab File: VL038021.D

Acq: 11 Nov 2021 10:09

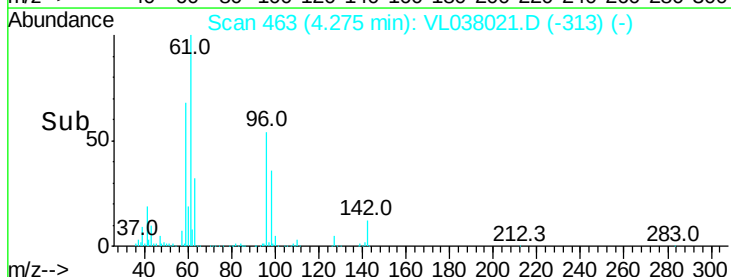
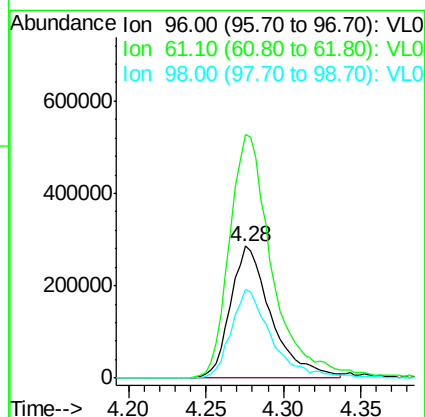
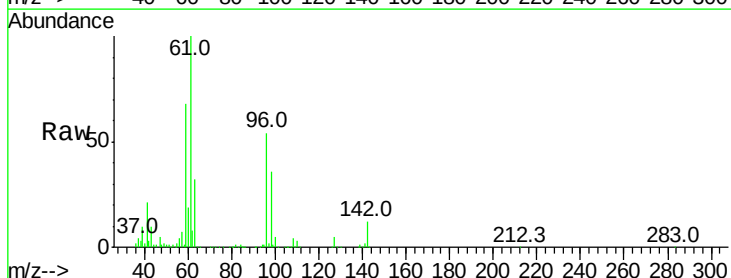
Tgt Ion: 96 Resp: 522973

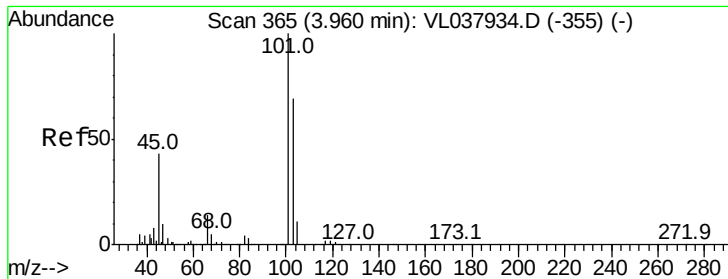
Ion Ratio Lower Upper

96 100

61 184.2 144.3 216.5

98 66.8 50.5 75.7





#19

Isopropyl Alcohol

Concen: 7.318 ppbv

RT: 3.95 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 11 Nov 2021 10:09

Tot Ion:

Ion Ratio

45 100

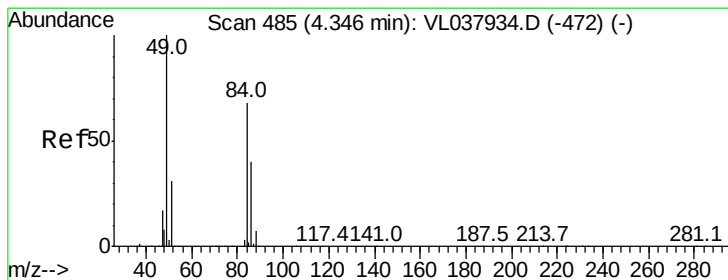
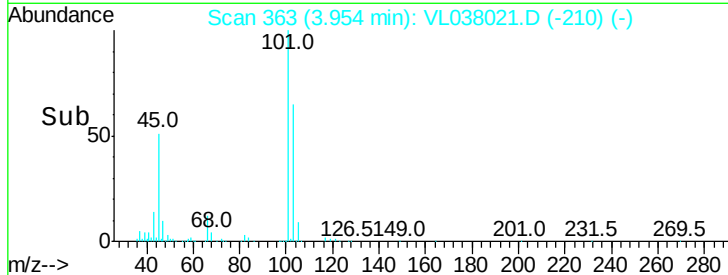
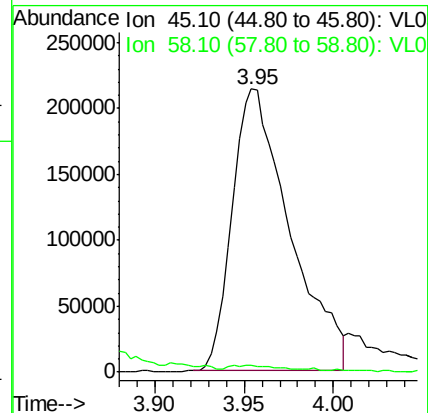
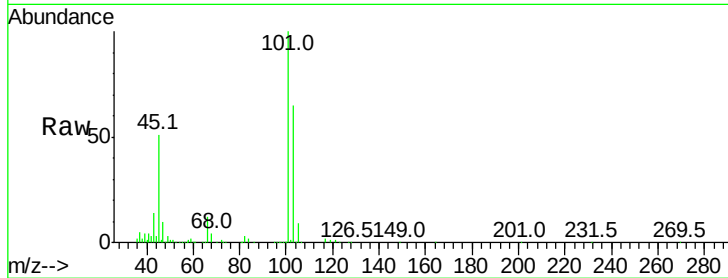
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 7.559 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.02 min

Lab File: VL038021.D

Acq: 11 Nov 2021 10:09

Tgt Ion: 84 Resp: 427595

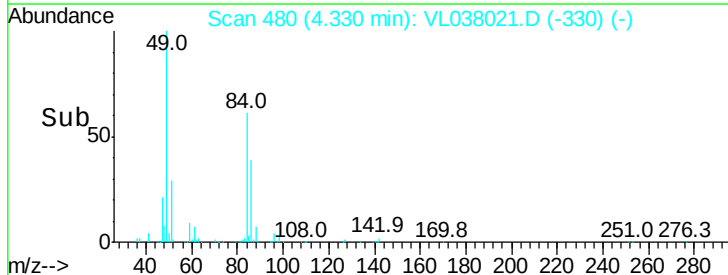
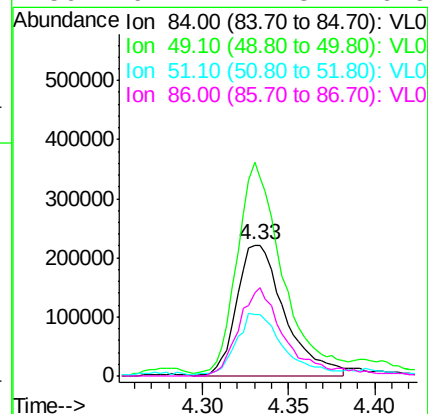
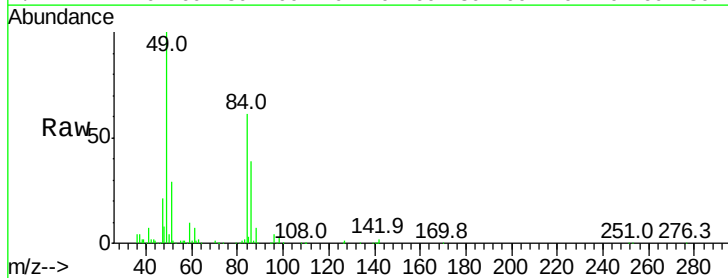
Ion Ratio Lower Upper

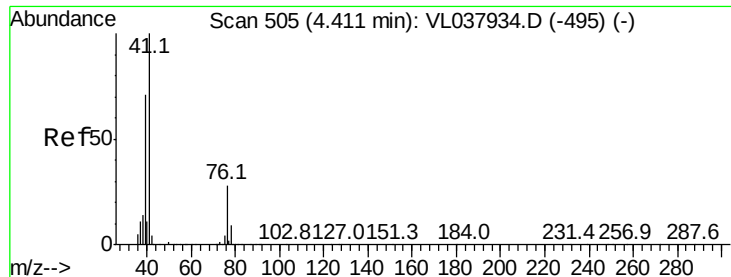
84 100

49 161.5 117.5 176.3

51 45.9 35.9 53.9

86 64.1 47.3 70.9



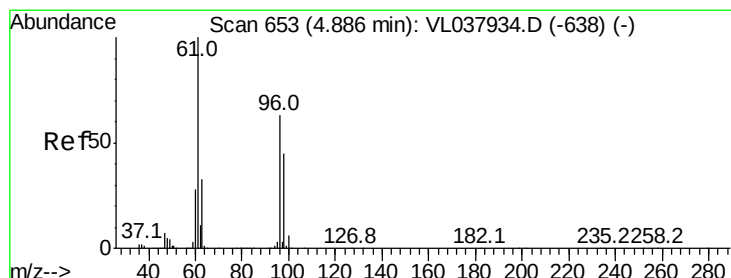
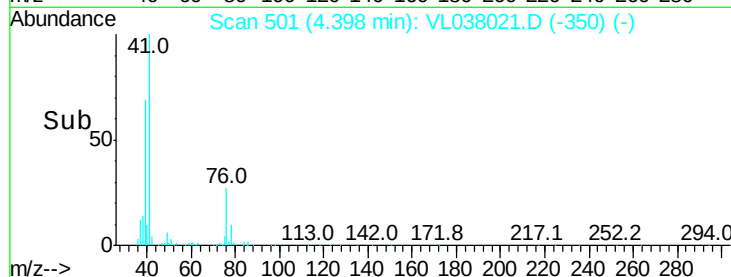
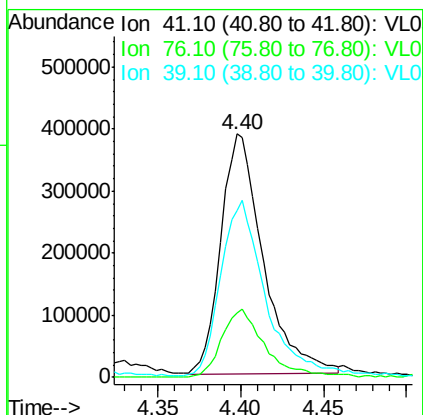
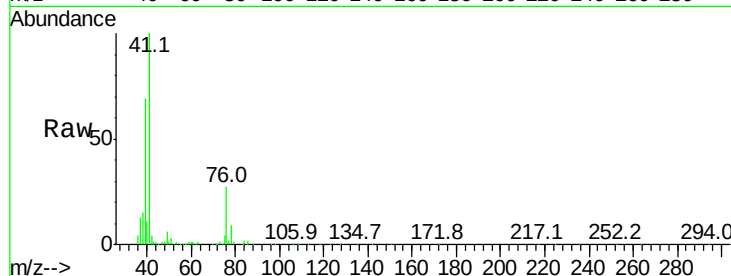


#21
Allvl Chloride
Concen: 7.242 ppbv
RT: 4.40
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 11 Nov 2021 10:09

Tot Ion:
Ion Ratio
41 100
76 29.
39 78.

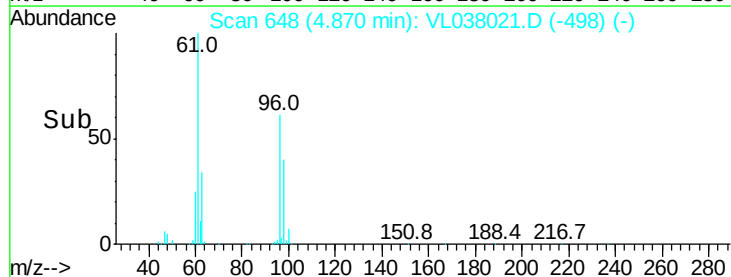
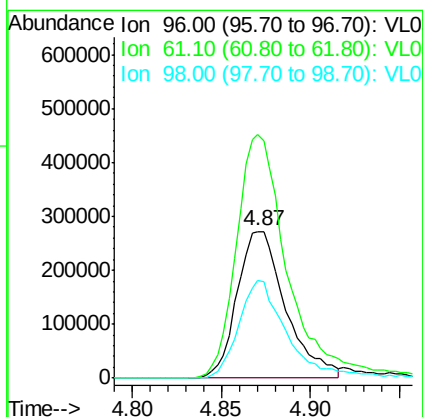
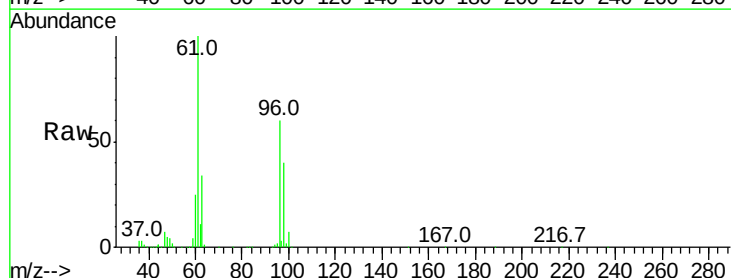
Manual Integrations
APPROVED

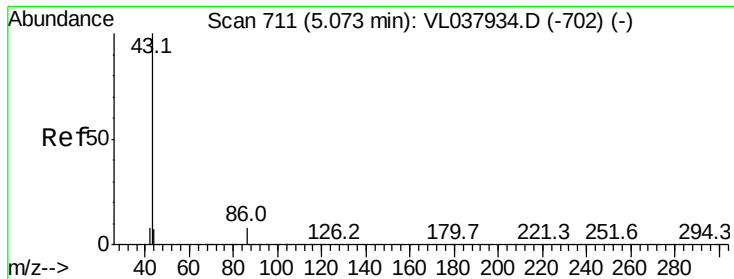
Reviewed By :Semsettin Yesilyurt 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
trans-1,2-Dichloroethene
Concen: 8.305 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.02 min
Lab File: VL038021.D
Acq: 11 Nov 2021 10:09

Tgt Ion: 96 Resp: 517945
Ion Ratio Lower Upper
96 100
61 166.1 127.8 191.6
98 66.6 56.9 85.3





#23

Vinyl Acetate

Concen: 7.976 ppbv

RT: 5.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:

Ion Ratio

43 100

86 6.

42 10.

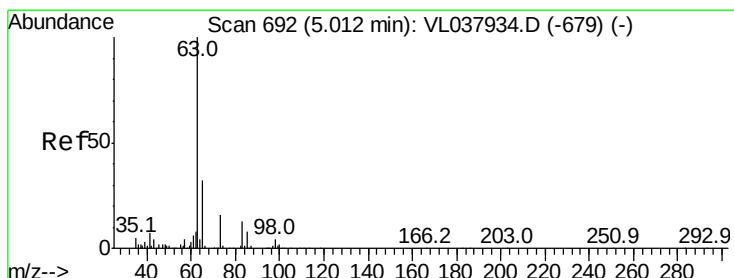
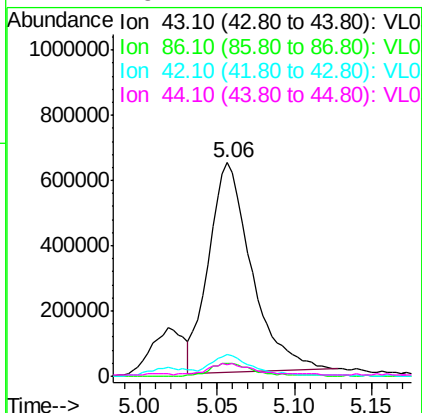
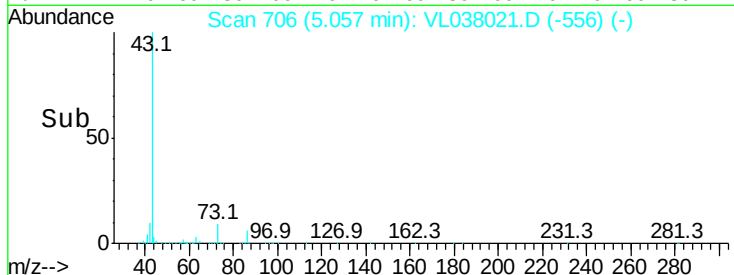
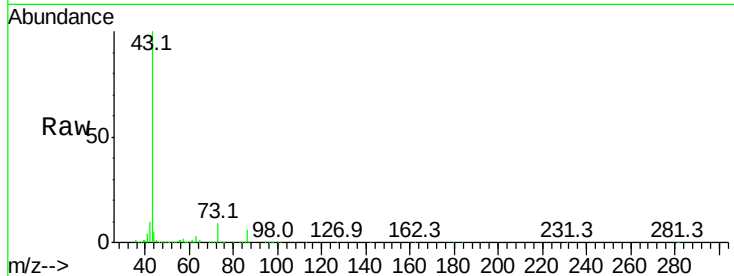
44 5.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#24

1,1-Dichloroethane

Concen: 8.539 ppbv

RT: 5.00 min Scan# 687

Delta R.T. -0.02 min

Lab File: VL038021.D

Acq: 11 Nov 2021 10:09

Tgt Ion: 63 Resp: 1094437

Ion Ratio Lower Upper

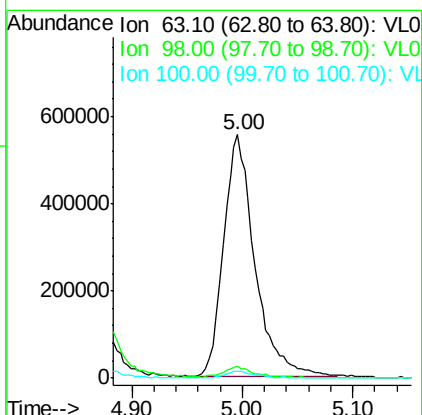
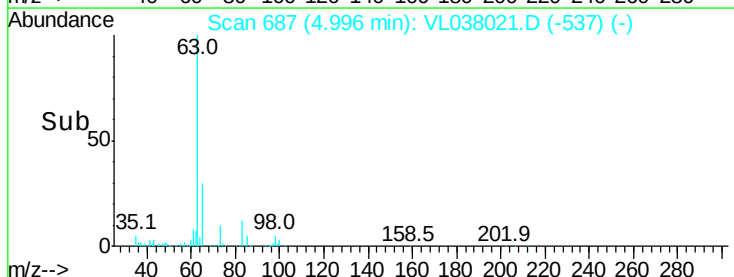
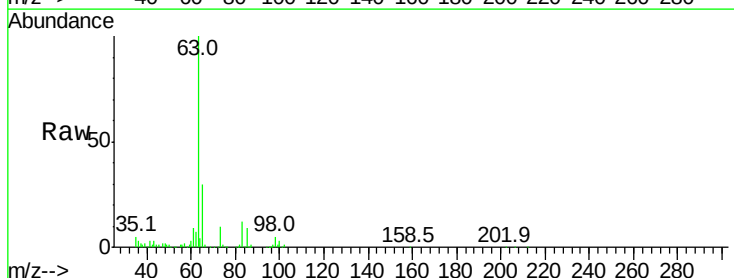
63 100

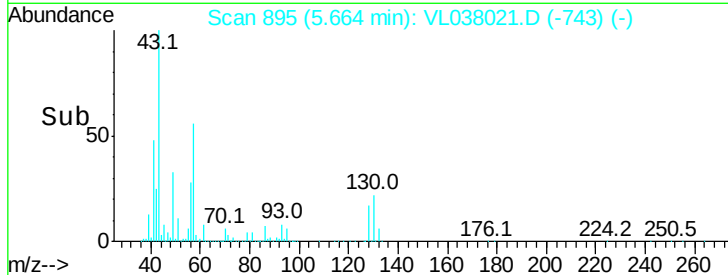
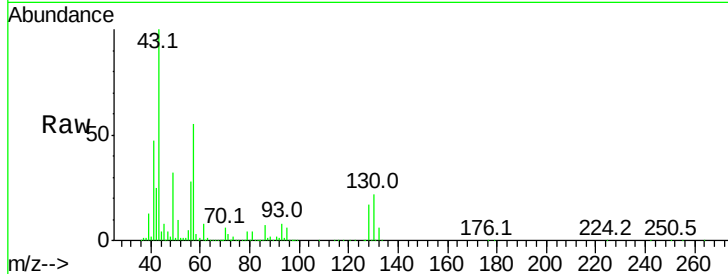
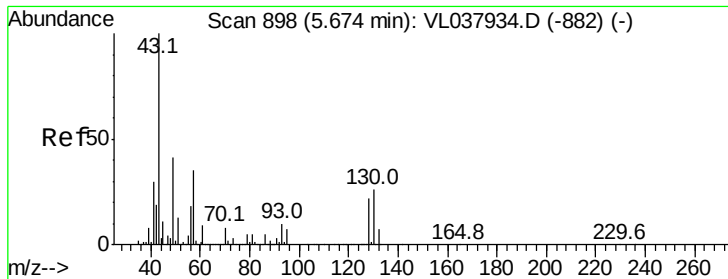
98 4.4

100 2.5

2.3 6.9

1.2 3.6



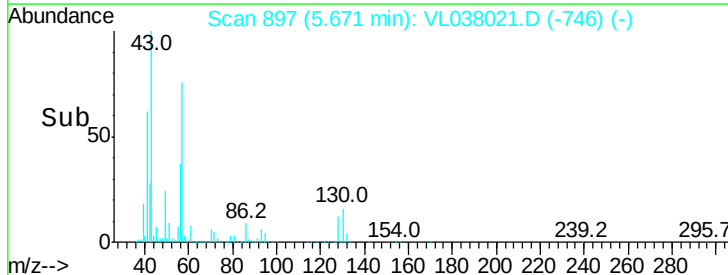
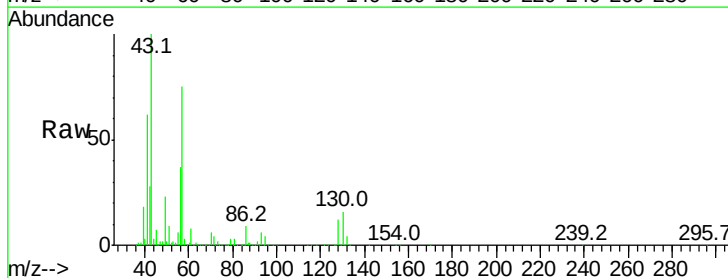
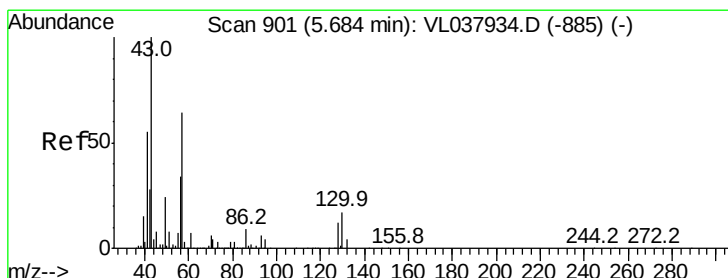
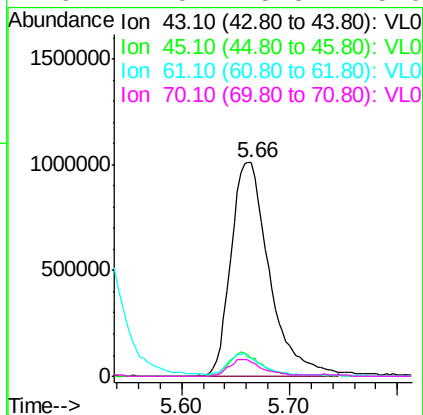


#25
Ethyl Acetate
Concen: 8.140 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 11 Nov 2021 10:09

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 7.0 5.8 8.6

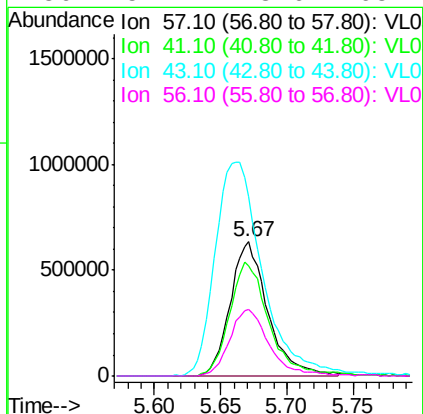
Manual Integrations
APPROVED

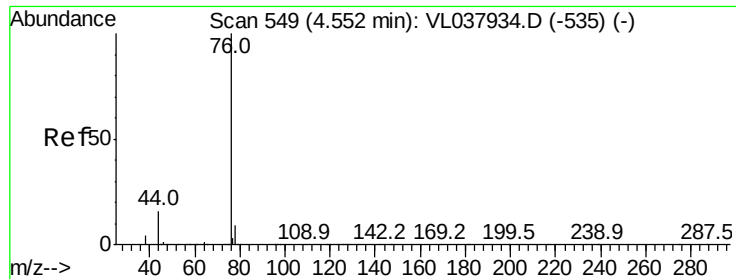
Reviewed By :Semsettin Yesilyurt 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
Hexane
Concen: 8.667 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL038021.D
Acq: 11 Nov 2021 10:09

Tgt Ion: 57 Resp: 1256683
Ion Ratio Lower Upper
57 100
41 89.4 71.0 106.6
43 202.0 173.0 259.6
56 52.2 43.6 65.4





#27

Carbon Disulfide

Concen: 9.113 ppbv

RT: 4.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Nov 2021 10:09

Tot Ion:

Ion Ratio

76 100

44 18.

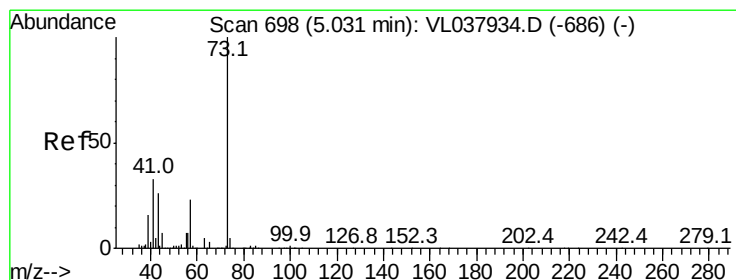
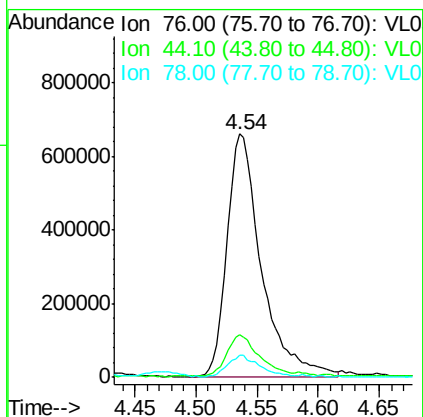
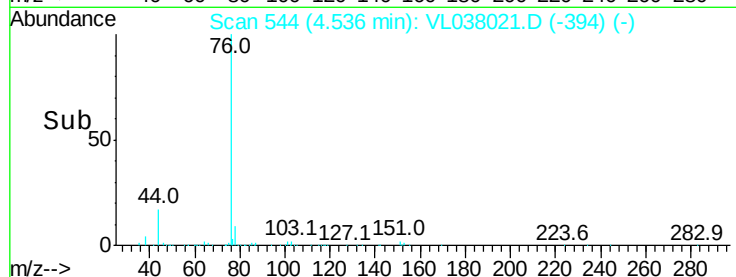
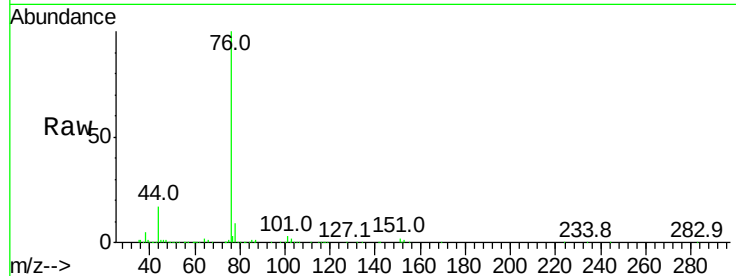
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#28

Methyl tert-Butyl Ether

Concen: 8.954 ppbv

RT: 5.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: VL038021.D

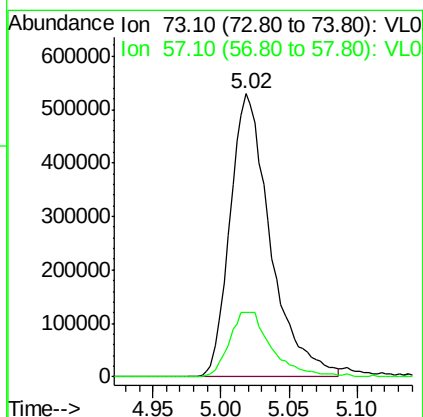
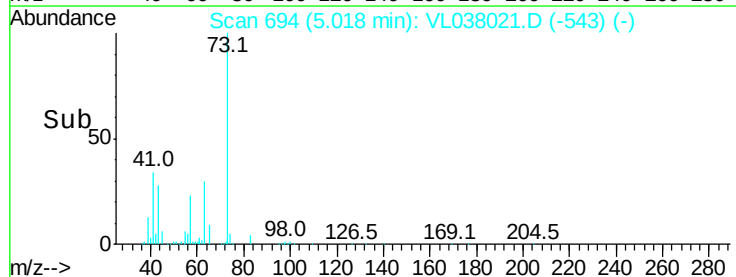
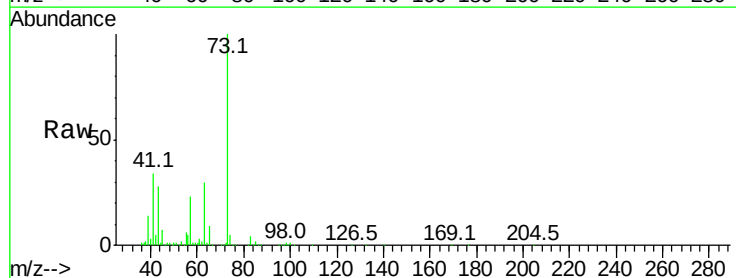
Acq: 11 Nov 2021 10:09

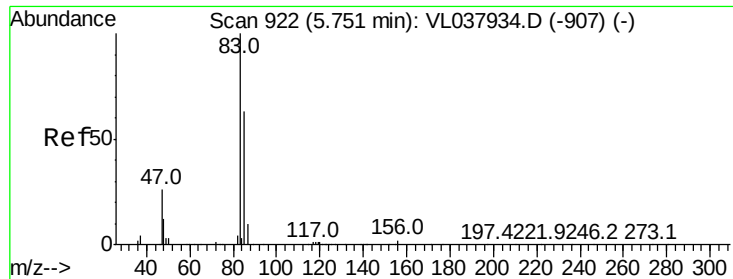
Tgt Ion: 73 Resp: 1091486

Ion Ratio Lower Upper

73 100

57 24.6 20.1 30.1



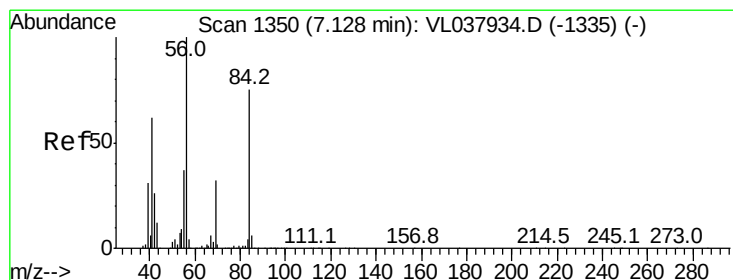
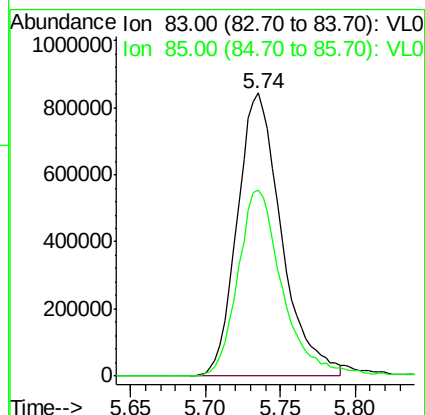
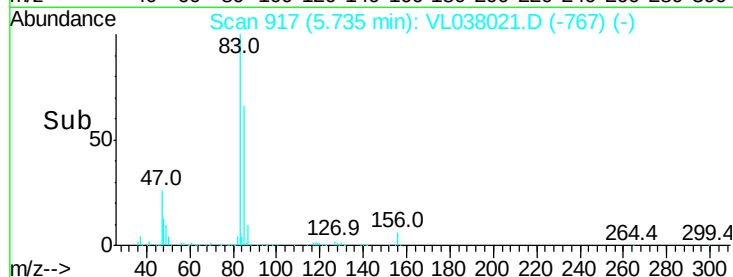
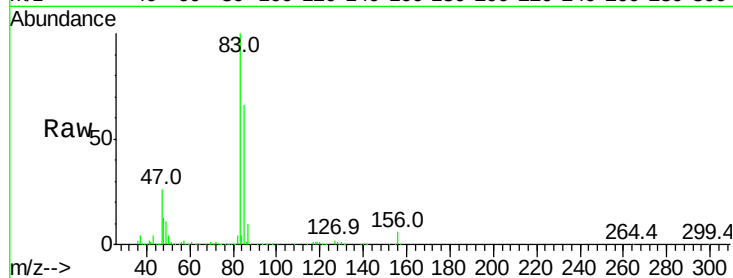


#29
Chloroform
Concen: 8.024 ppbv
RT: 5.74
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 11 Nov 2021 10:09

Tot Ion:
Ion Ratio
83 100
85 65.

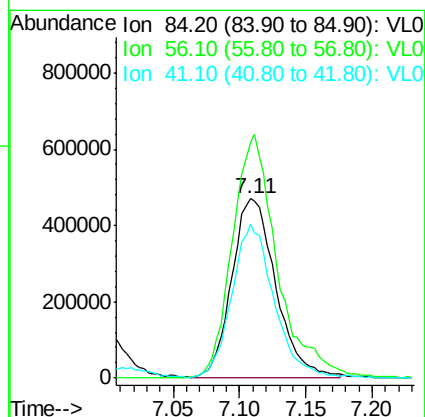
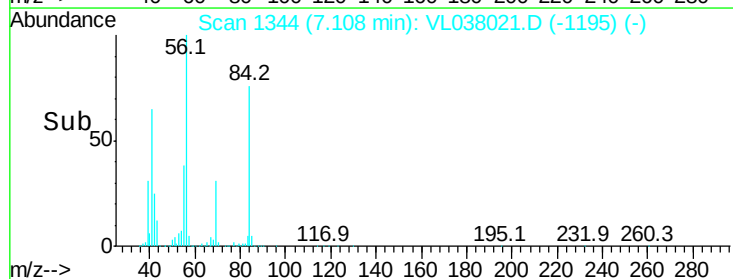
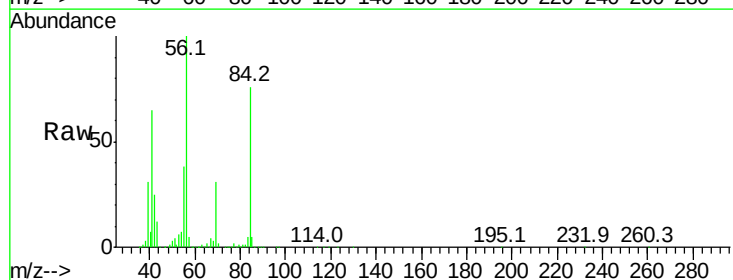
Manual Integrations
APPROVED

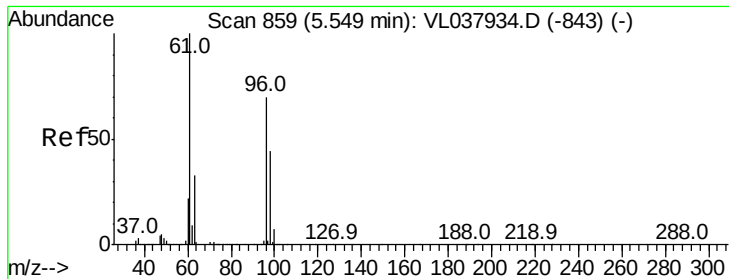
Reviewed By :Semsettin Yesilyurt 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Cyclohexane
Concen: 8.677 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.02 min
Lab File: VL038021.D
Acq: 11 Nov 2021 10:09

Tgt Ion: 84 Resp: 1075493
Ion Ratio Lower Upper
84 100
56 141.1 114.0 171.0
41 83.7 68.3 102.5





#31

cis-1,2-Dichloroethene

Concen: 8.849 ppbv

RT: 5.53 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:

Ion Ratio

61 100

96 69.

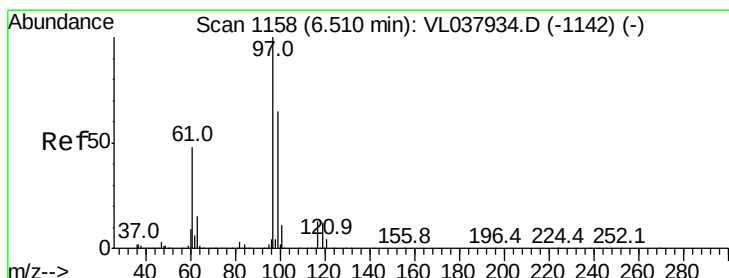
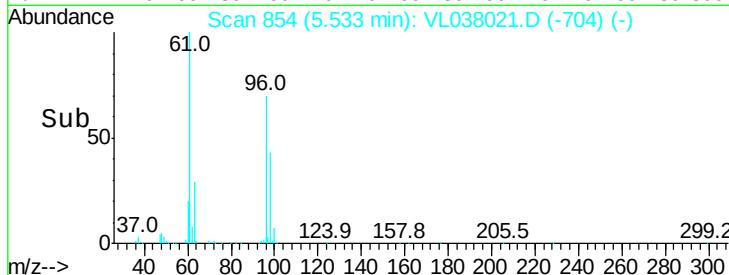
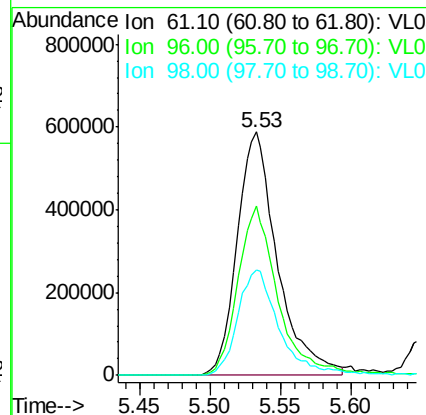
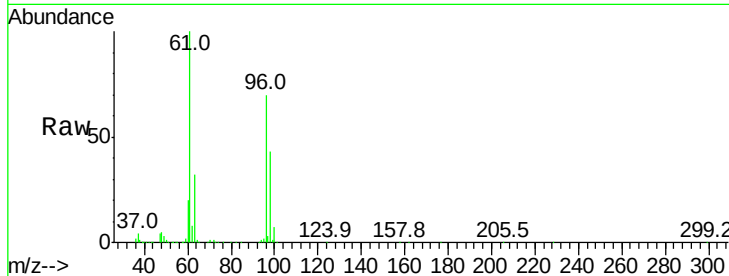
98 43.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 7.771 ppbv

RT: 6.49 min Scan# 1152

Delta R.T. -0.02 min

Lab File: VL038021.D

Acq: 11 Nov 2021 10:09

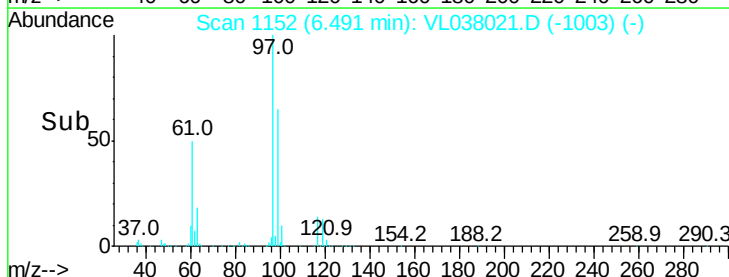
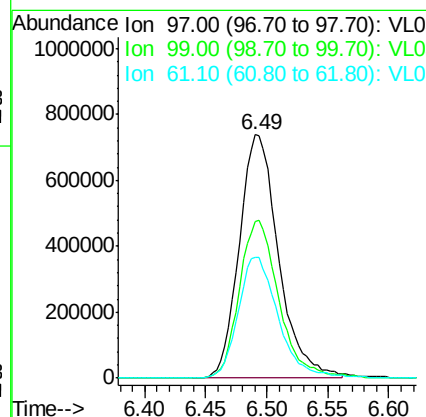
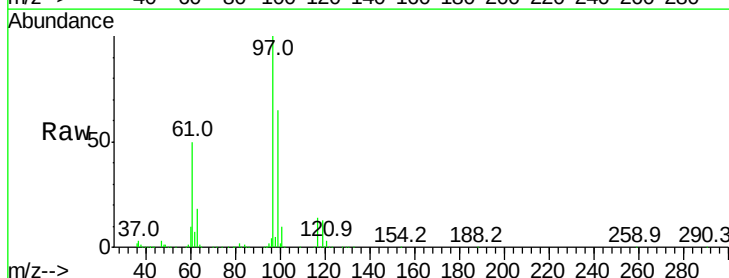
Tgt Ion: 97 Resp: 1651570

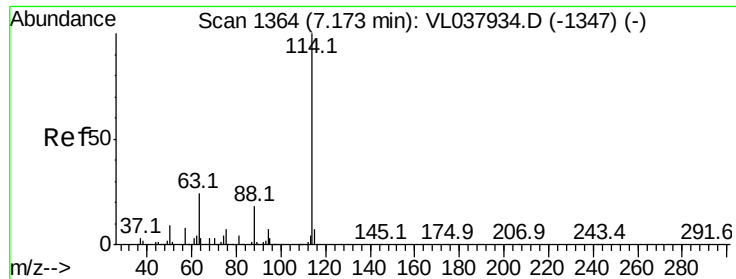
Ion Ratio Lower Upper

97 100

99 65.0 52.2 78.4

61 51.0 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id:

Lab File: VSTDCCC010EC

Acq: 11 Nov 2021 10:09

Tot Ion: 1

Ion Ratio

114 100

63 23.

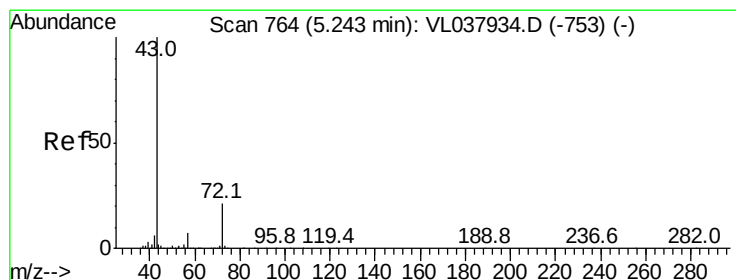
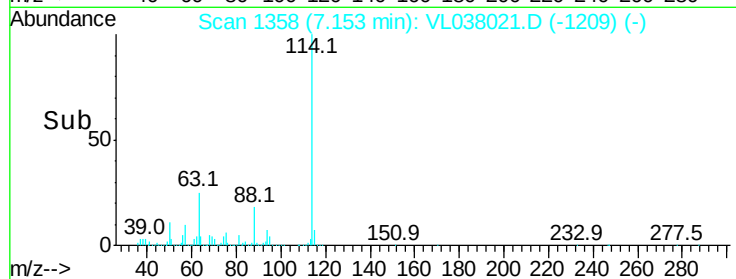
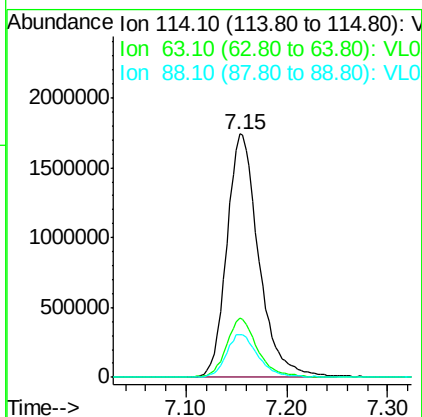
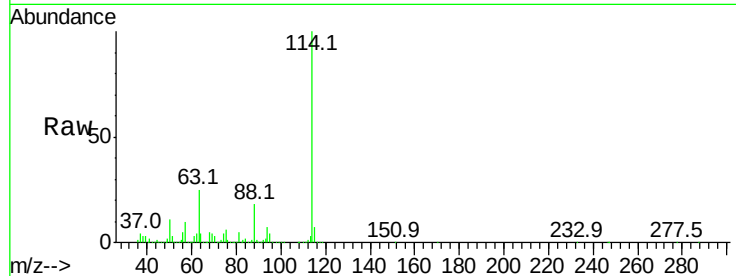
88 17.

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 11/12/2021

Supervised By : Mahesh Dadoda 11/17/2021



#34

2-Butanone

Concen: 7.741 ppbv

RT: 5.23 min Scan# 759

Delta R.T. -0.02 min

Lab File: VL038021.D

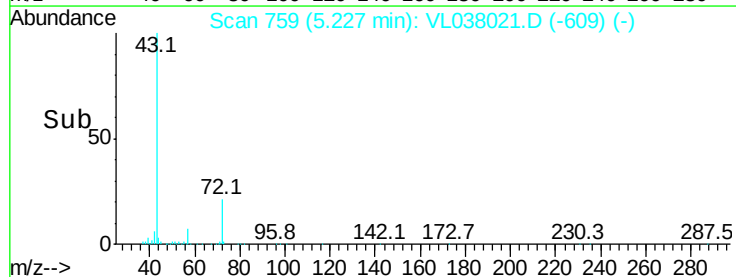
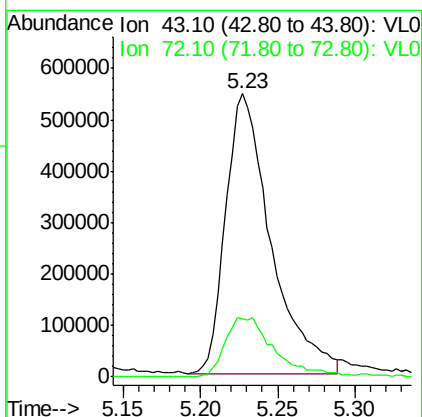
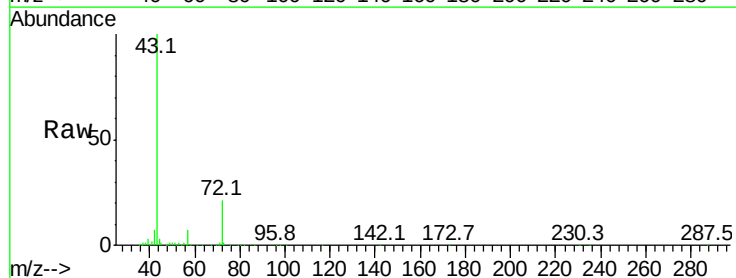
Acq: 11 Nov 2021 10:09

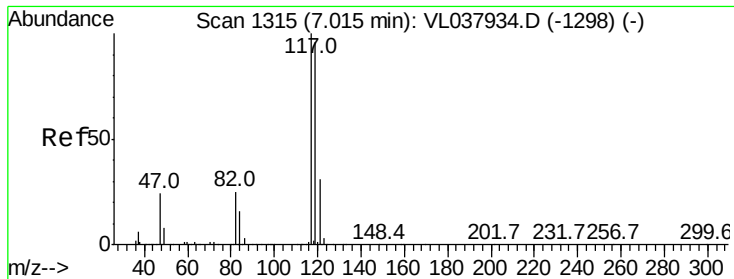
Tgt Ion: 43 Resp: 1104266

Ion Ratio Lower Upper

43 100

72 23.4 18.3 27.5



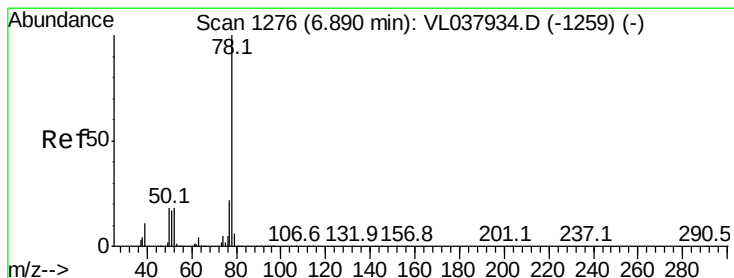
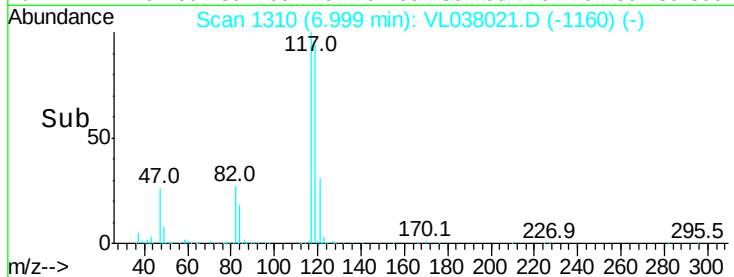
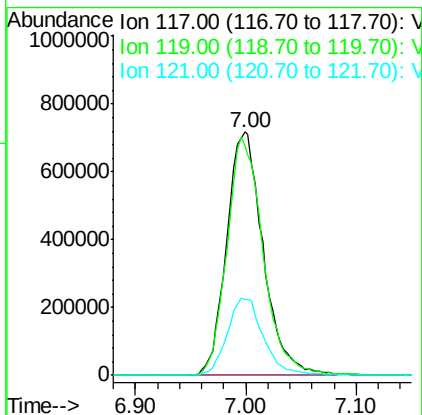
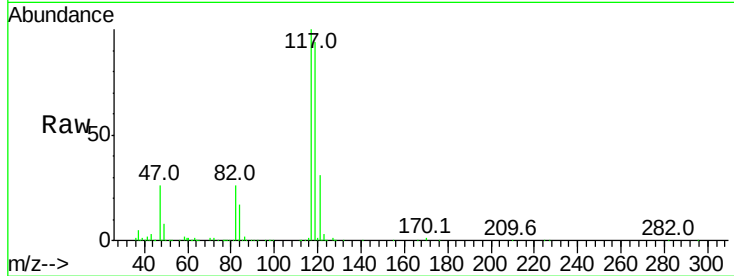


#35
Carbon Tetrachloride
Concen: 7.092 ppbv
RT: 7.00
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 11 Nov 2021 10:09

Tot Ion: 1
Ion Ratio
117 100
119 94.
121 30.

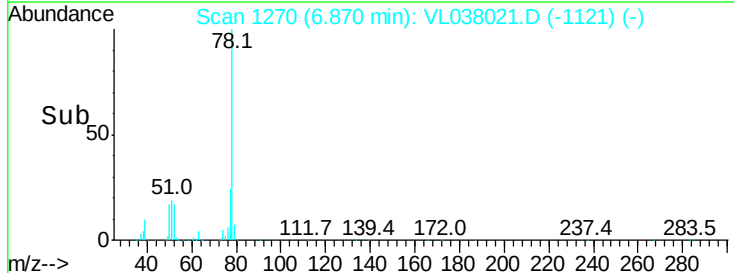
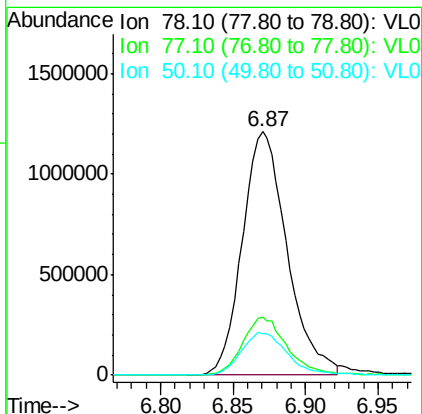
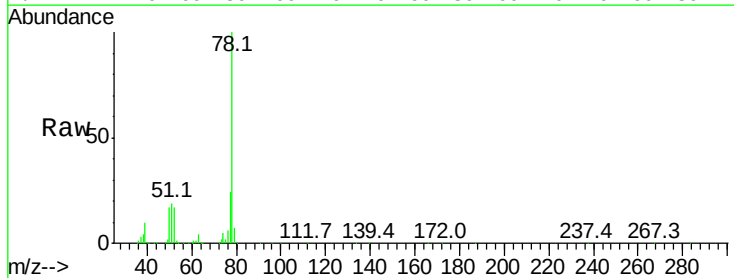
Manual Integrations
APPROVED

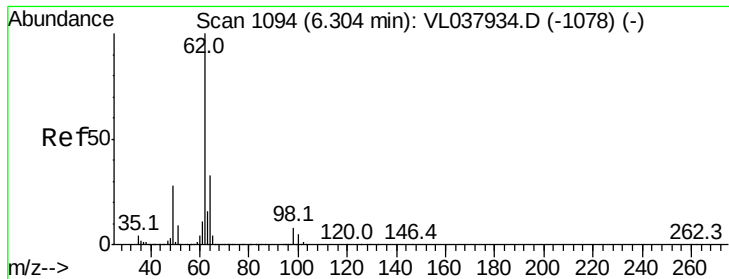
Reviewed By :Semsettin Yesilyurt 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36
Benzene
Concen: 8.301 ppbv
RT: 6.87 min Scan# 1270
Delta R.T. -0.02 min
Lab File: VL038021.D
Acq: 11 Nov 2021 10:09

Tgt Ion: 78 Resp: 2602315
Ion Ratio Lower Upper
78 100
77 23.7 17.9 26.9
50 17.2 14.4 21.6





#37

1,2-Dichloroethane

Concen: 8.377 ppbv

RT: 6.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 11 Nov 2021 10:09

Tot Ion:

Ion Ratio

62 100

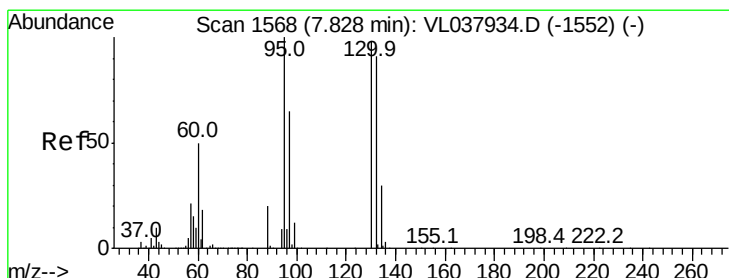
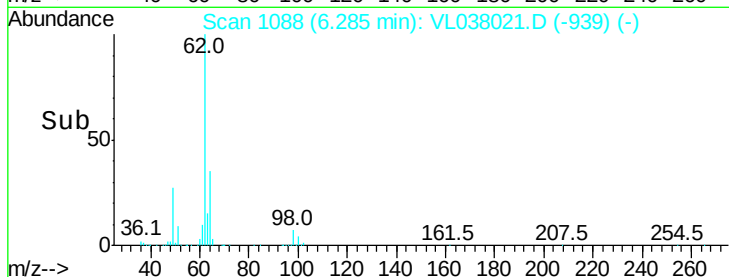
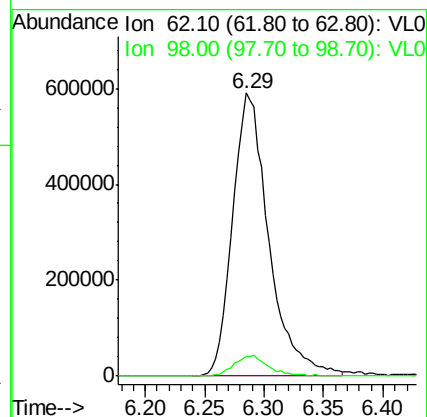
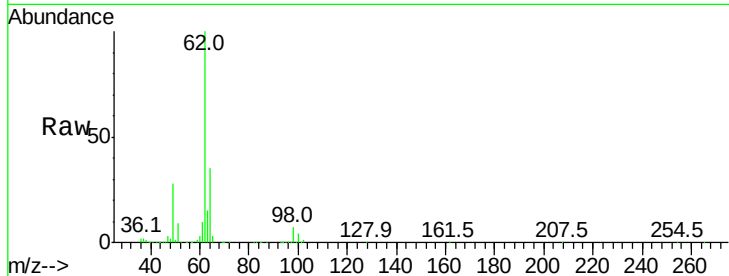
98 7.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#38

Trichloroethene

Concen: 7.887 ppbv

RT: 7.81 min Scan# 1563

Delta R.T. -0.02 min

Lab File: VL038021.D

Acq: 11 Nov 2021 10:09

Tgt Ion:130 Resp: 1026208

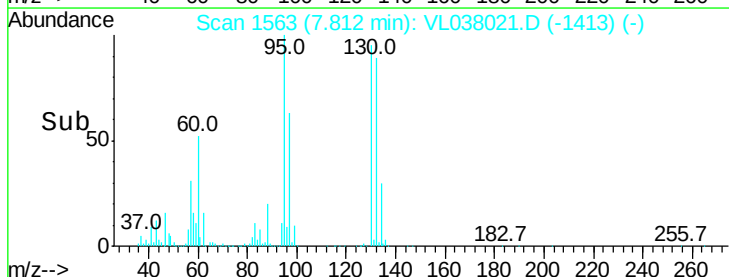
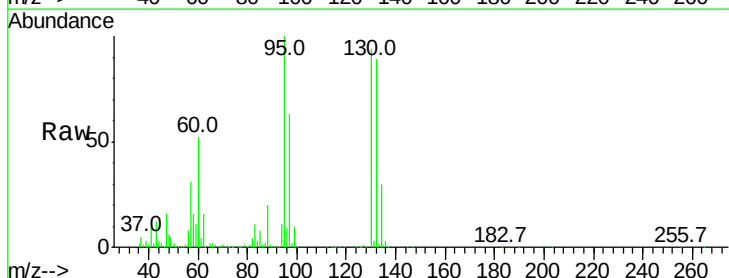
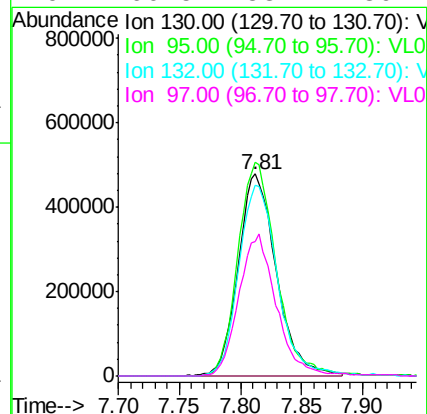
Ion Ratio Lower Upper

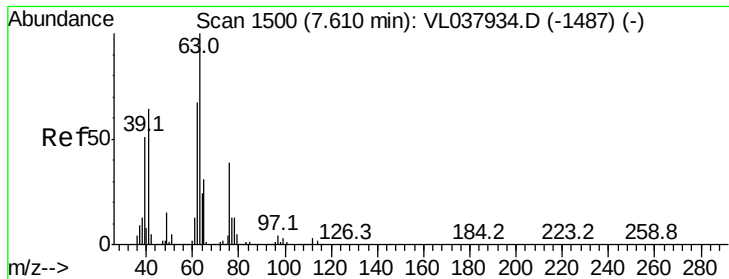
130 100

95 106.1 81.8 122.8

132 94.6 74.2 111.2

97 66.5 53.4 80.2



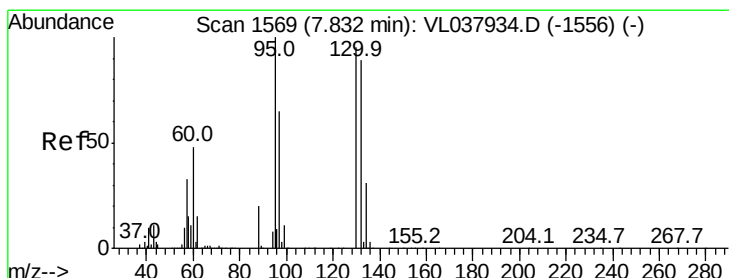
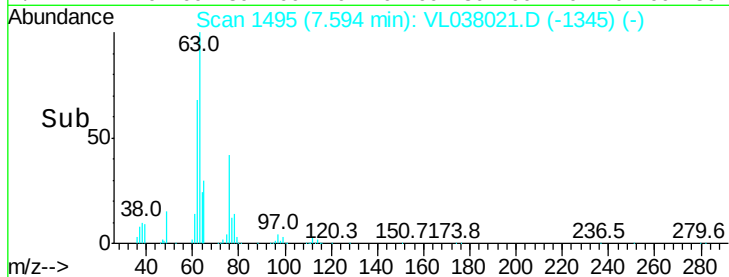
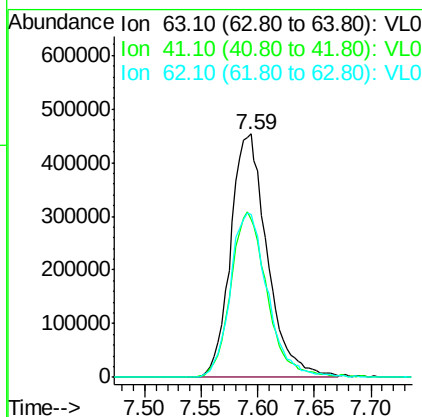
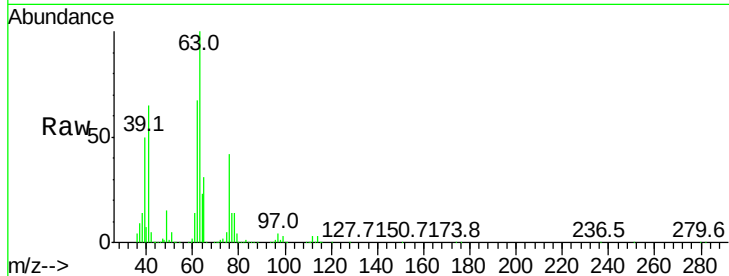


#39
 1,2-Dichloropropane
 Concen: 8.666 ppbv
 RT: 7.59
 Instrument: MSVOA_L
 Delta R.T.:
 ClientSampleId:
 Lab File: VSTDCCC010EC
 Acq: 11 Nov 2021 10:09

Tot Ion:
 Ion Ratio
 63 100
 41 64.
 62 67.

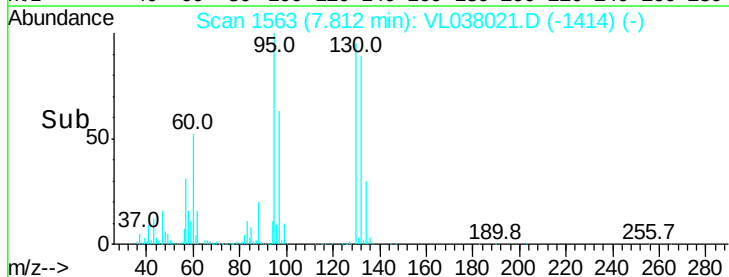
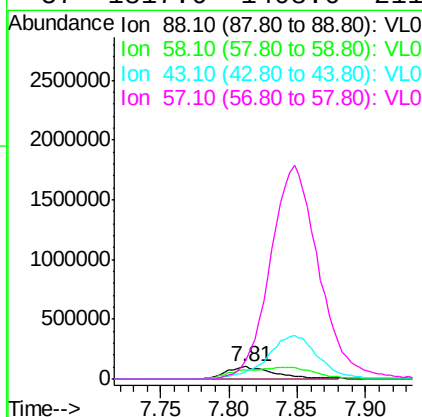
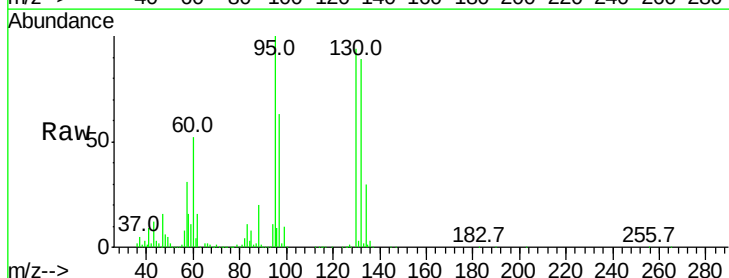
Manual Integrations
 APPROVED

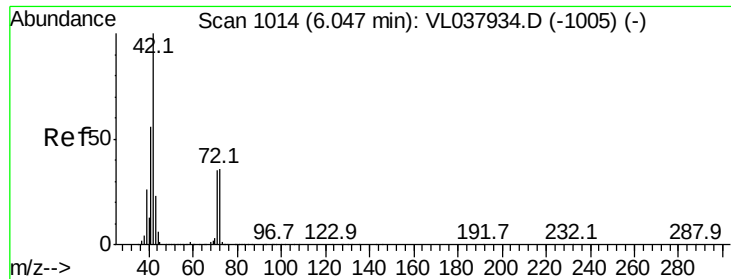
Reviewed By :Semsettin Yesilyurt 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#40
 1,4-Dioxane
 Concen: 7.902 ppbv
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: VL038021.D
 Acq: 11 Nov 2021 10:09

Tgt Ion: 88 Resp: 245478
 Ion Ratio Lower Upper
 88 100
 58 159.2 129.1 193.7
 43 396.4 313.2 469.8
 57 1817.6 1408.6 2112.8



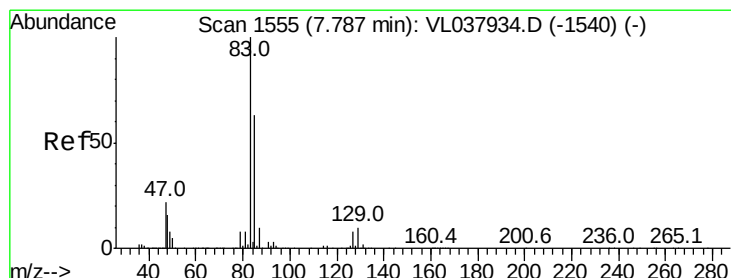
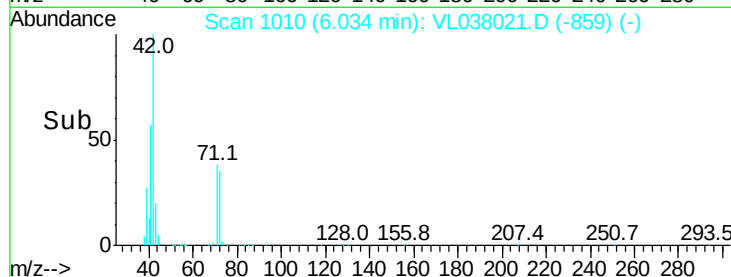
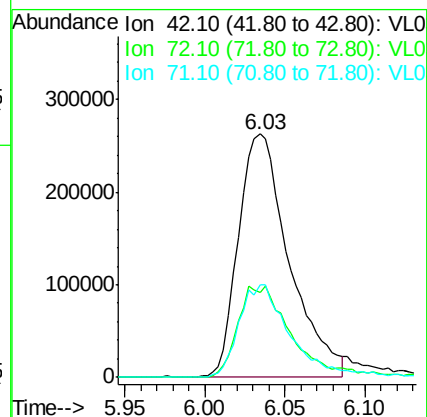
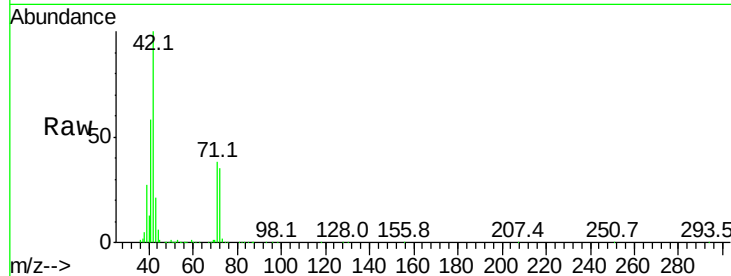


#41
Tetrahydrofuran
Concen: 8.153 ppbv
RT: 6.03
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 11 Nov 2021 10:09

Tot Ion:
Ion Ratio
42 100
72 40.
71 39.

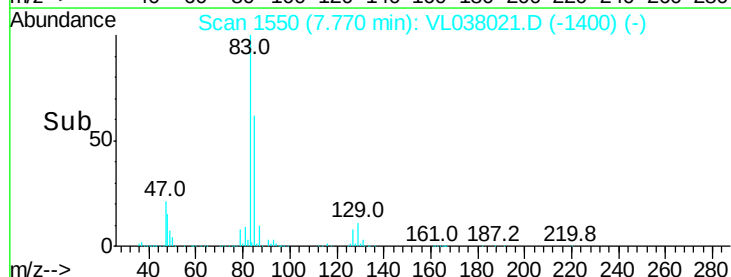
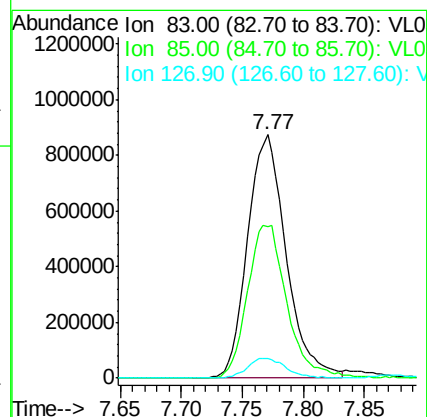
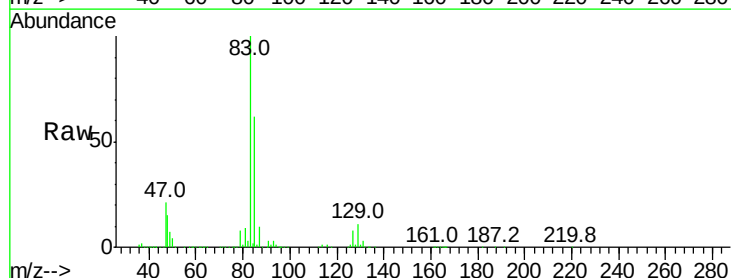
Manual Integrations
APPROVED

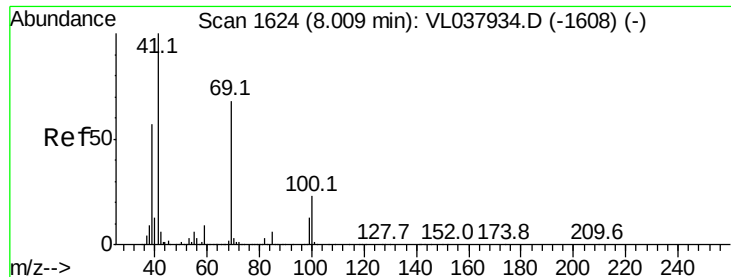
Reviewed By :Semsettin Yesilyurt 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
Bromodichloromethane
Concen: 8.473 ppbv
RT: 7.77 min Scan# 1550
Delta R.T. -0.02 min
Lab File: VL038021.D
Acq: 11 Nov 2021 10:09

Tgt Ion: 83 Resp: 1909233
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1
127 8.2 6.1 9.1





#43

Methyl Methacrylate

Concen: 9.565 ppbv

RT: 7.99

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 11 Nov 2021 10:09

Tot Ion:

Ion Ratio

69 100

41 147.

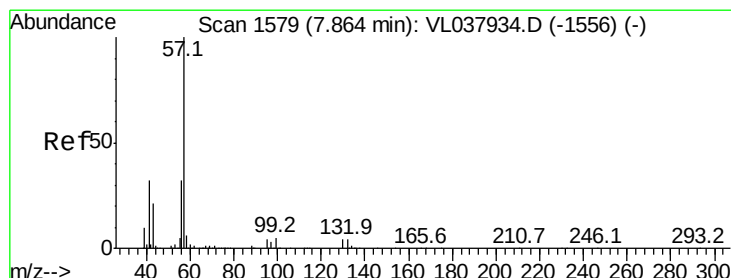
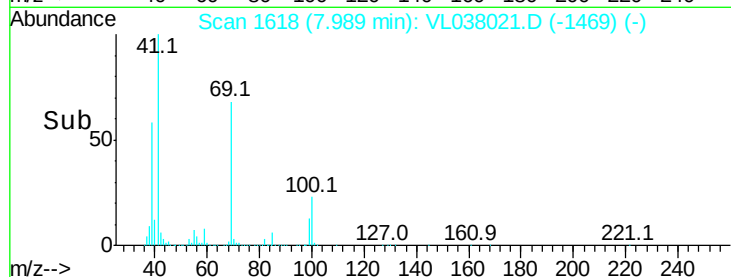
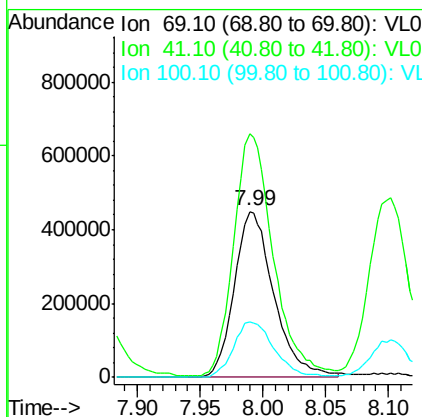
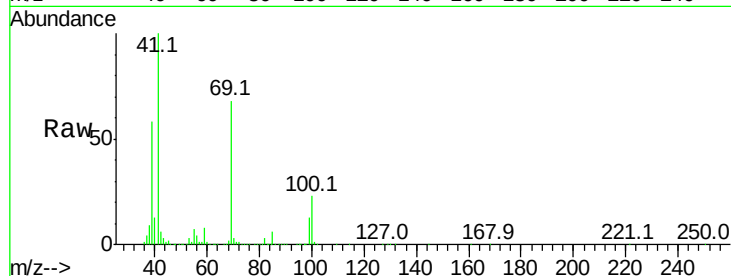
100 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#44

2,2,4-Trimethylpentane

Concen: 8.338 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. -0.02 min

Lab File: VL038021.D

Acq: 11 Nov 2021 10:09

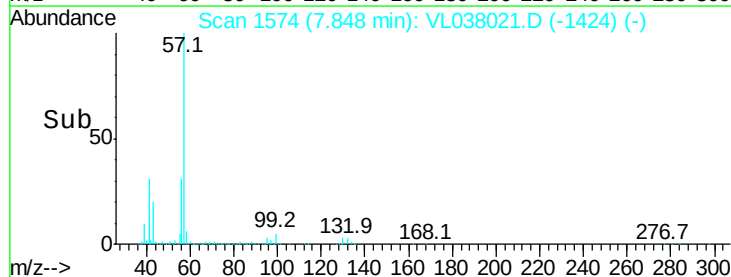
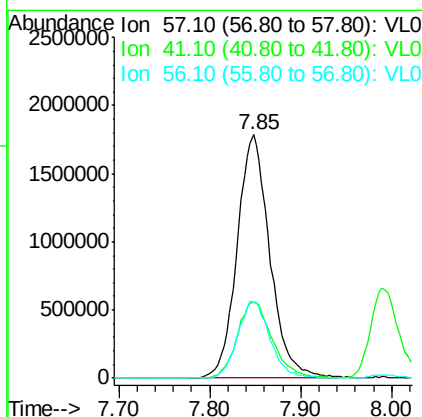
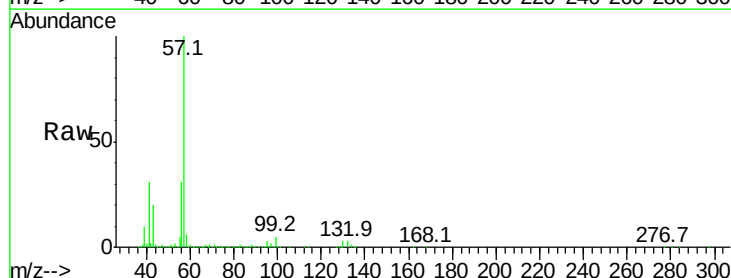
Tgt Ion: 57 Resp: 4445916

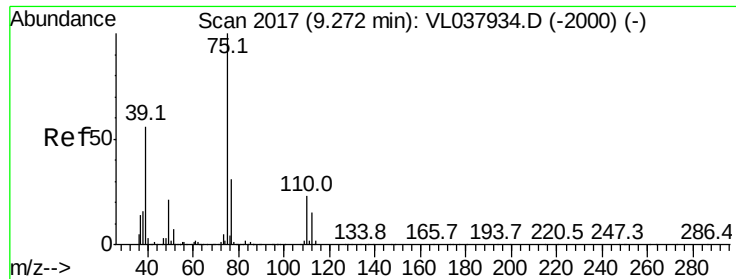
Ion Ratio Lower Upper

57 100

41 33.7 25.8 38.8

56 31.7 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 4.009 ppbv

RT: 9.25 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:

Ion Ratio

75 100

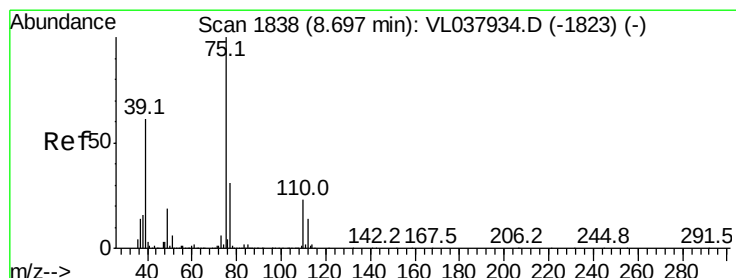
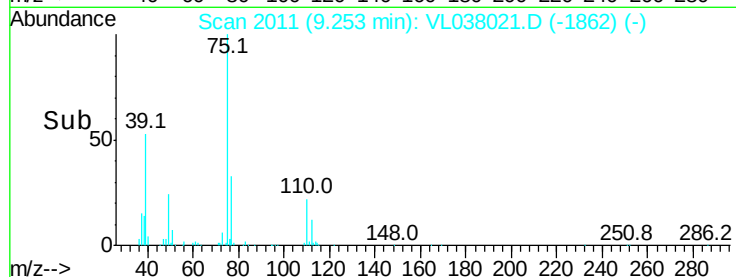
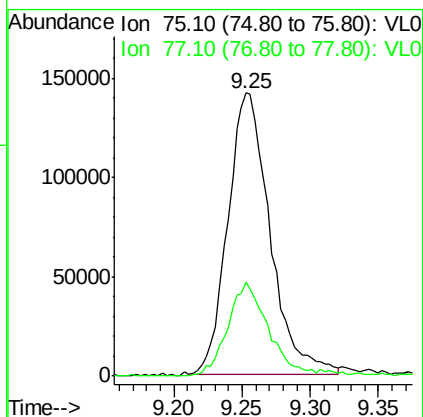
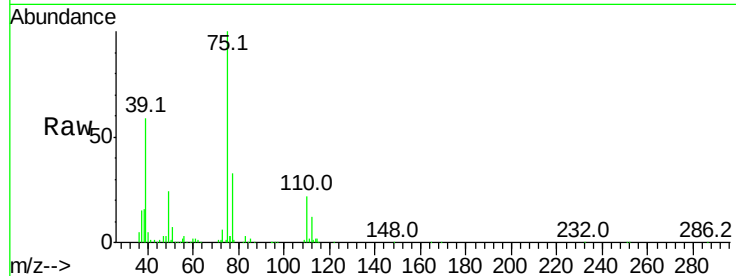
77 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

cis-1,3-Dichloropropene

Concen: 5.249 ppbv

RT: 8.68 min Scan# 1832

Delta R.T. -0.02 min

Lab File: VL038021.D

Acq: 11 Nov 2021 10:09

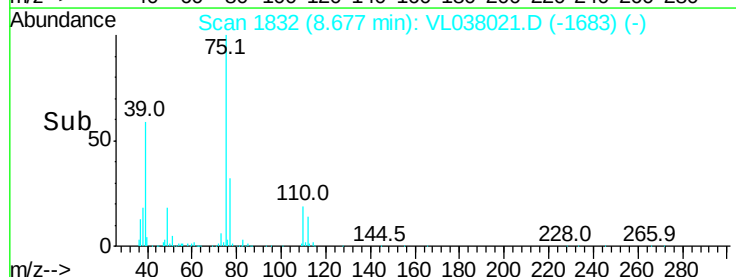
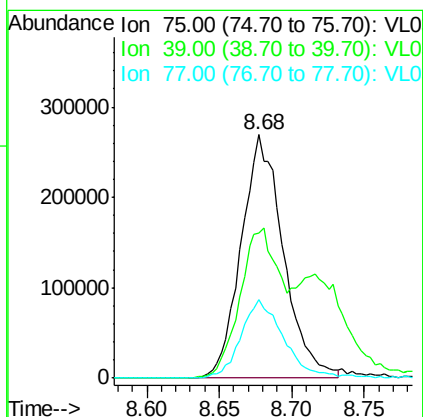
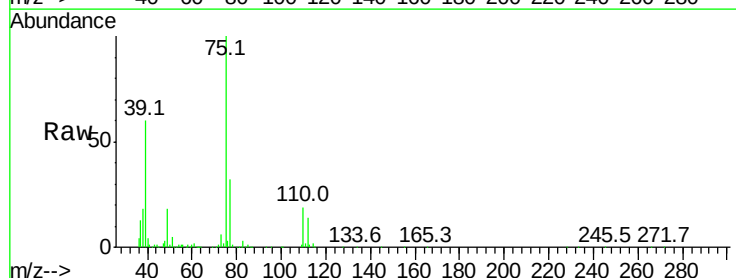
Tgt Ion: 75 Resp: 545628

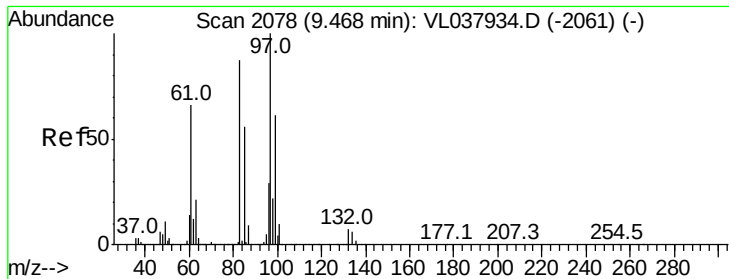
Ion Ratio Lower Upper

75 100

39 59.4 48.8 73.2

77 32.4 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 8.038 ppbv

RT: 9.45 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:

Ion Ratio

97 100

83 87.

85 60.

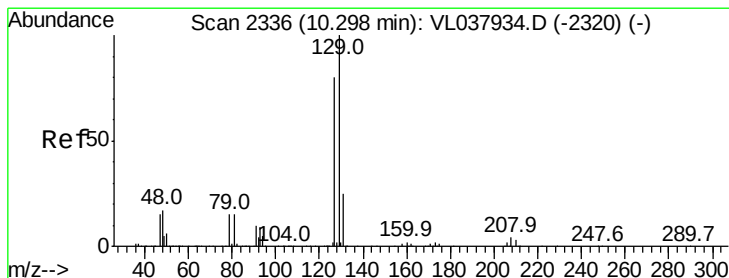
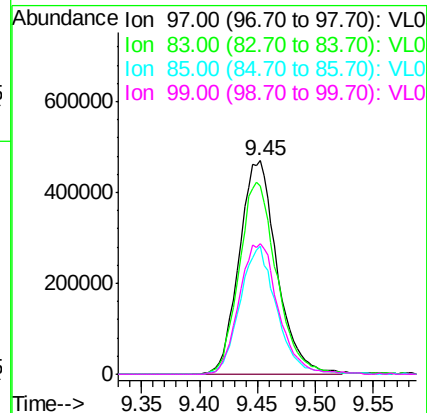
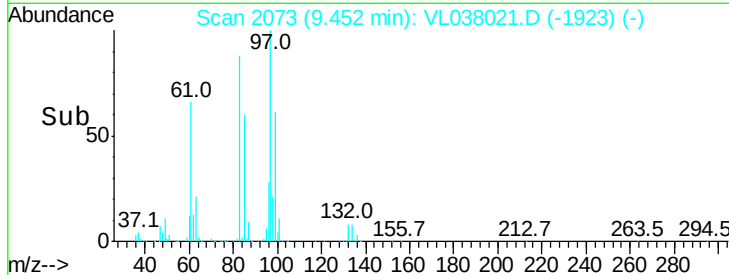
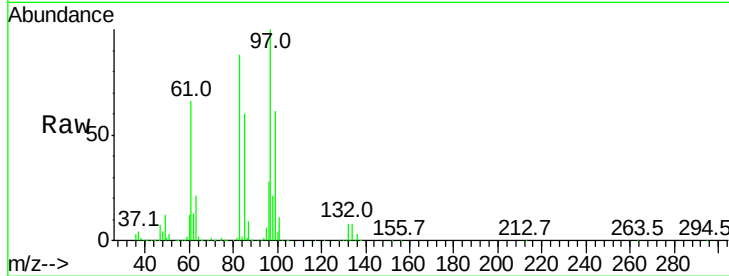
99 61.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#48

Dibromochloromethane

Concen: 9.085 ppbv

RT: 10.28 min Scan# 2330

Delta R.T. -0.02 min

Lab File: VL038021.D

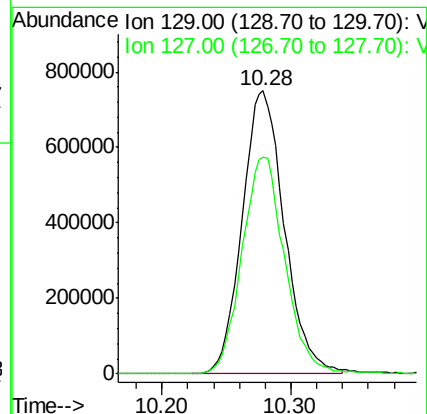
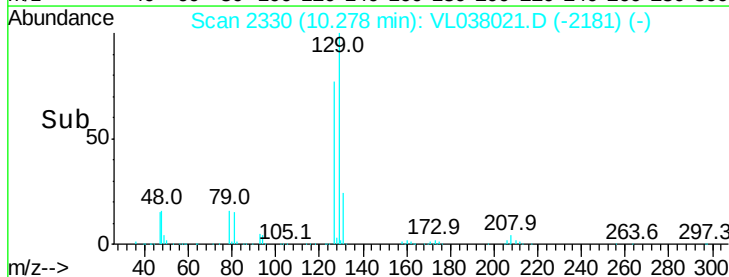
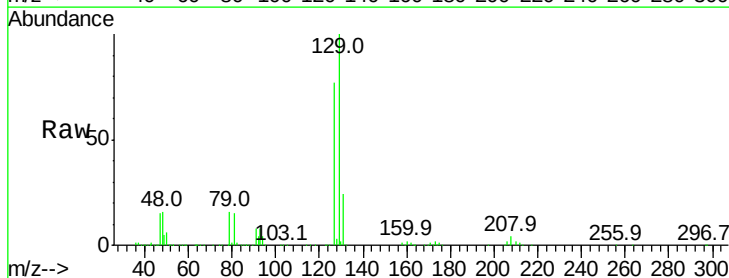
Acq: 11 Nov 2021 10:09

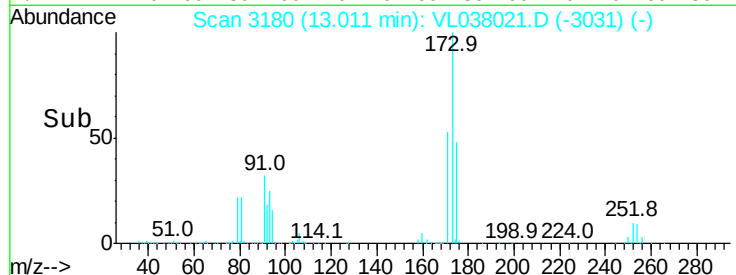
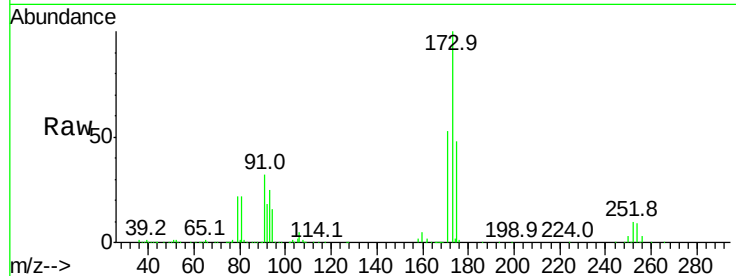
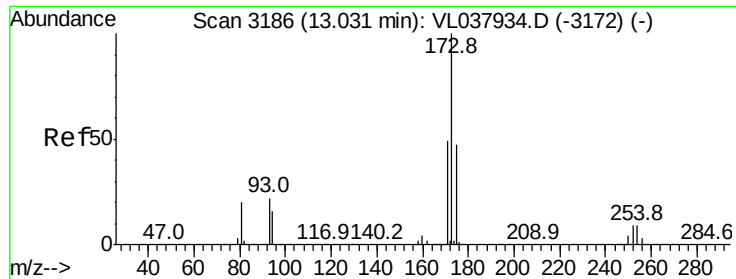
Tgt Ion:129 Resp: 1704703

Ion Ratio Lower Upper

129 100

127 78.2 40.3 120.9





#49

Bromoform

Concen: 9.666 ppbv

RT: 13.01

Delta R.T.

Lab File:

Acq: 11 Nov 2021 10:09

Instrument:

MSVOA_L

ClientSampleId:

VSTDCCC010EC

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021

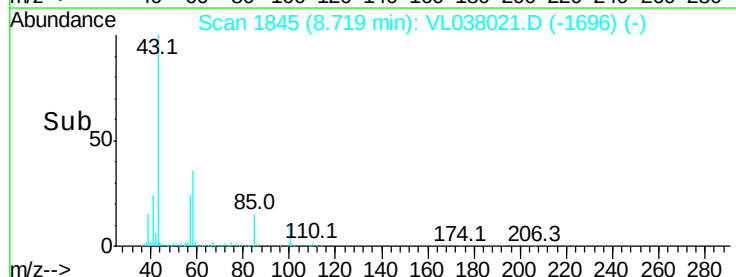
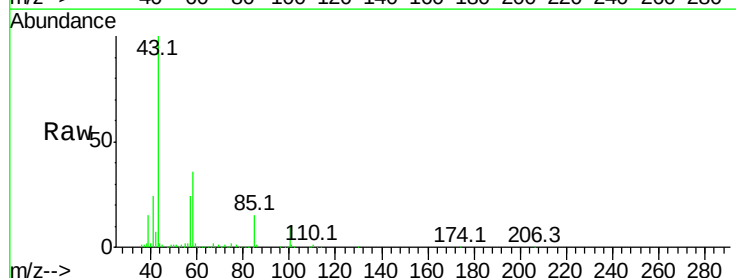
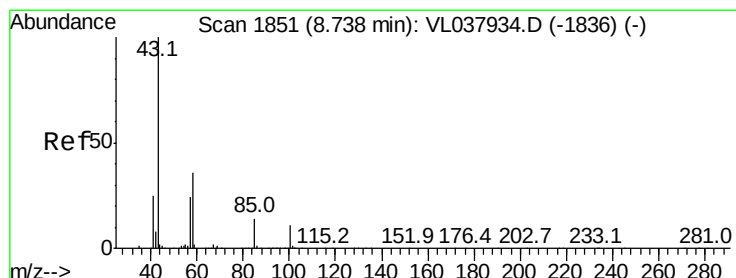
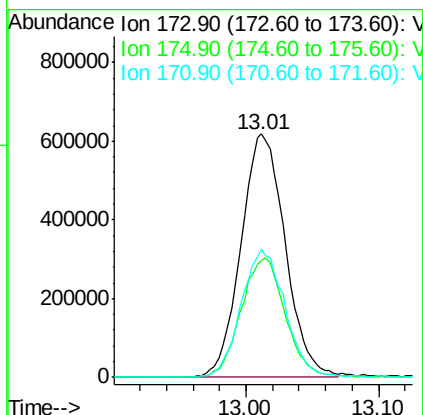
Tot Ion:1

Ion Rati

173 100

175 49.

171 52.



#50

4-Methyl-2-Pentanone

Concen: 9.363 ppbv

RT: 8.72 min Scan# 1845

Delta R.T. -0.02 min

Lab File: VL038021.D

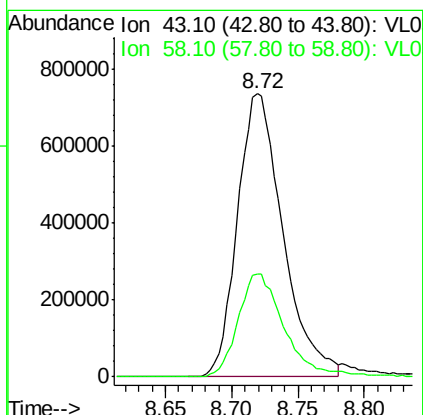
Acq: 11 Nov 2021 10:09

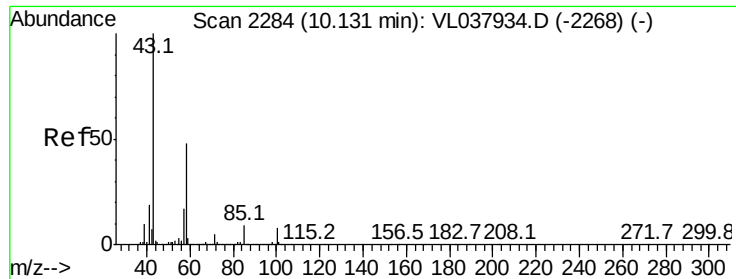
Tgt Ion: 43 Resp: 1754830

Ion Ratio Lower Upper

43 100

58 37.4 28.8 43.2



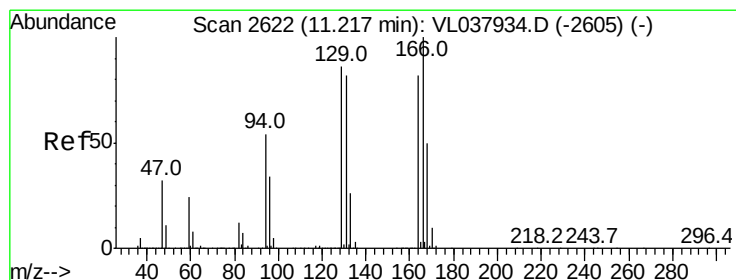
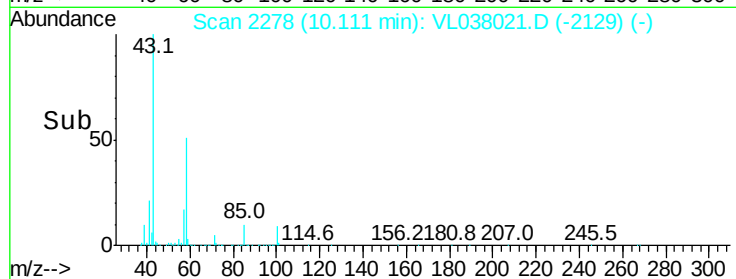
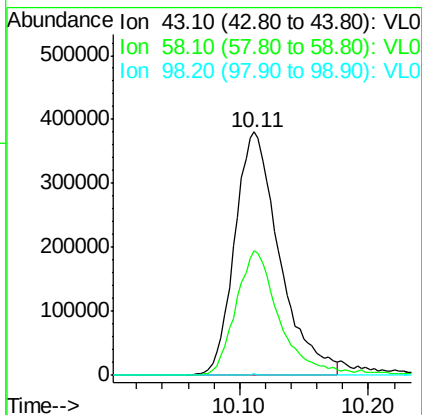
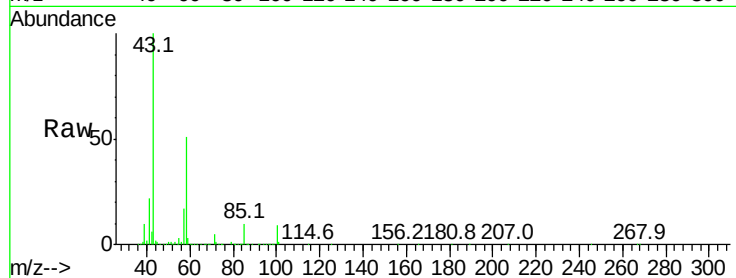


#51
2-Hexanone
Concen: 11.591 ppbv
RT: 10.11 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 11 Nov 2021 10:09

Tot Ion:
Ion Ratio
43 100
58 51.
98 0.

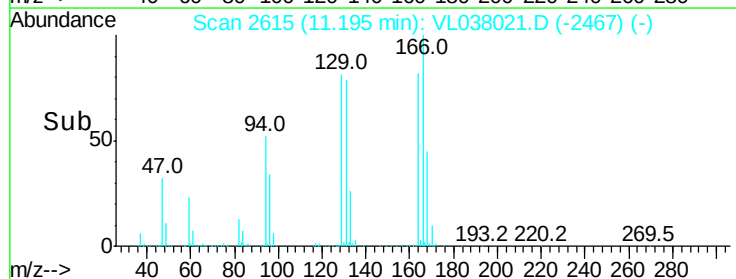
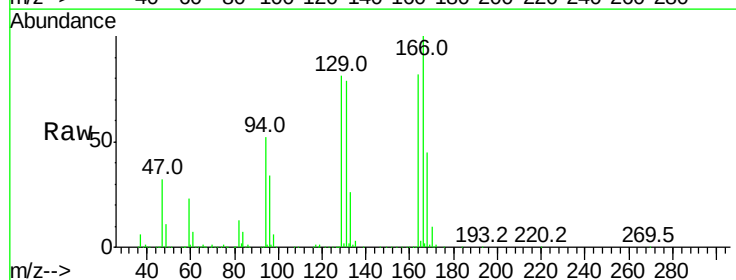
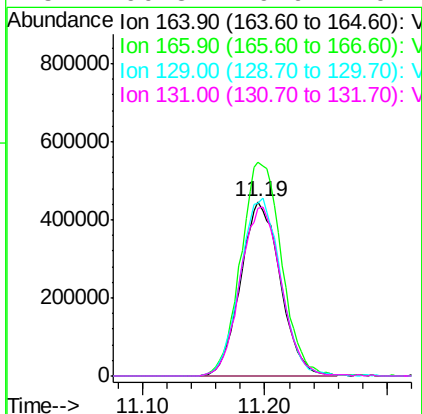
Manual Integrations
APPROVED

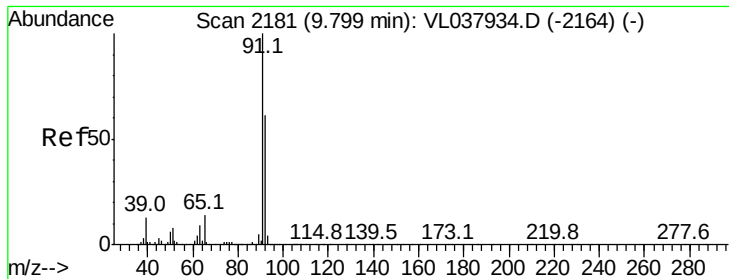
Reviewed By :Semsettin Yesilyurt 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Tetrachloroethene
Concen: 8.425 ppbv
RT: 11.19 min Scan# 2615
Delta R.T.: -0.02 min
Lab File: VL038021.D
Acq: 11 Nov 2021 10:09

Tgt Ion:164 Resp: 1001933
Ion Ratio Lower Upper
164 100
166 122.2 97.6 146.4
129 99.1 84.2 126.2
131 96.3 79.6 119.4





#53

Toluene

Concen: 9.257 ppbv

RT: 9.78

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:

Ion Ratio

91 100

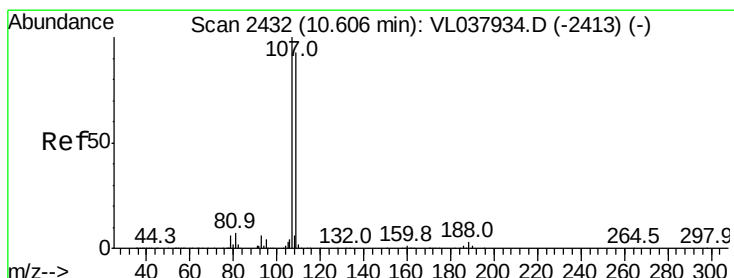
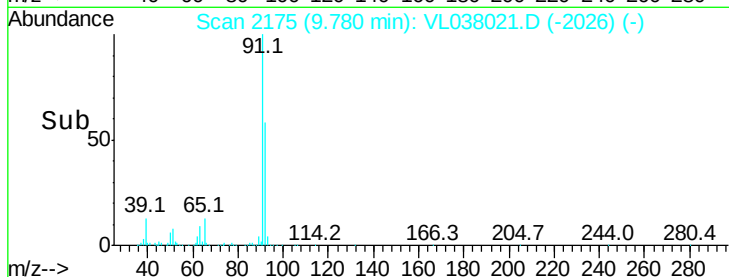
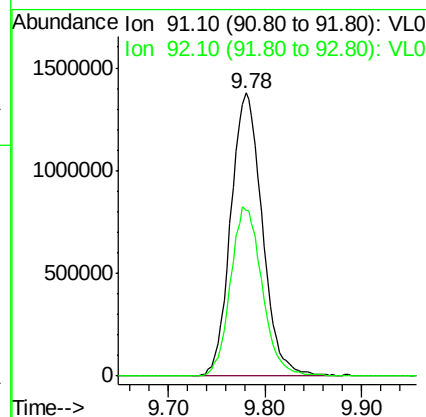
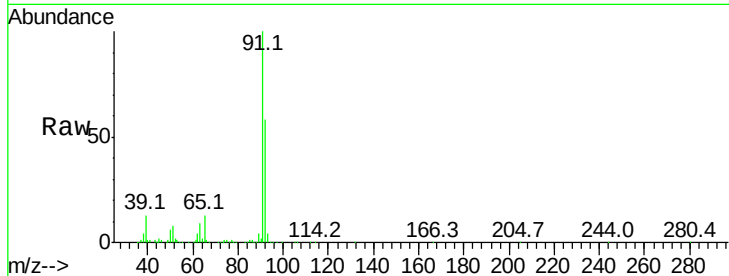
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

1,2-Dibromoethane

Concen: 8.329 ppbv

RT: 10.58 min Scan# 2425

Delta R.T. -0.02 min

Lab File: VL038021.D

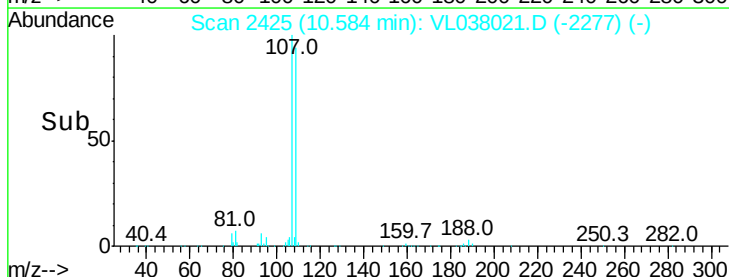
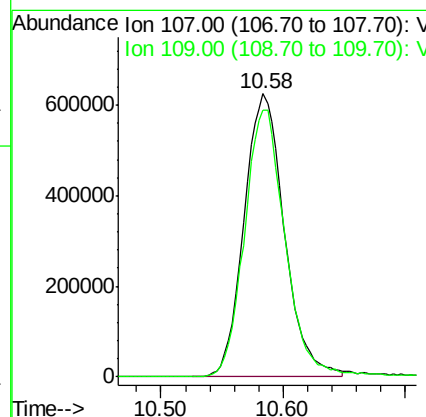
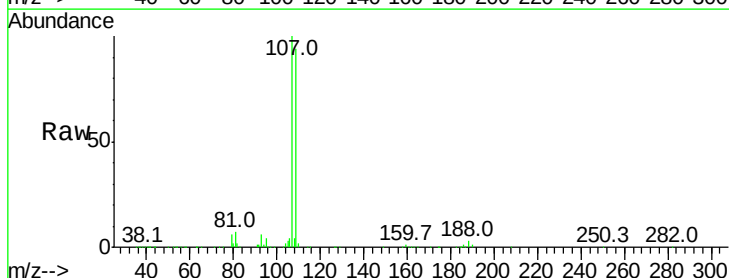
Acq: 11 Nov 2021 10:09

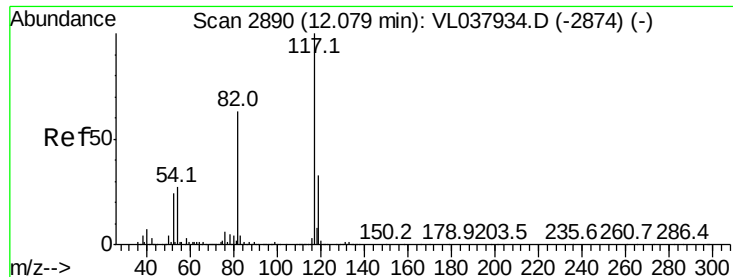
Tgt Ion:107 Resp: 1423651

Ion Ratio Lower Upper

107 100

109 94.2 74.5 111.7



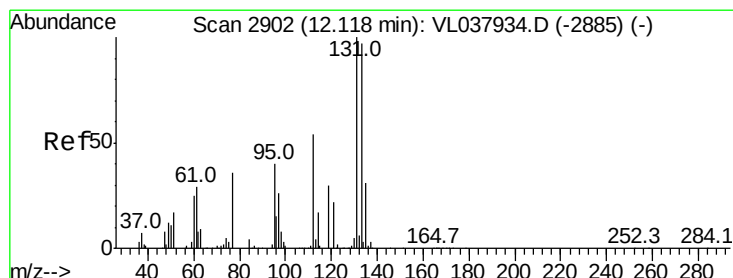
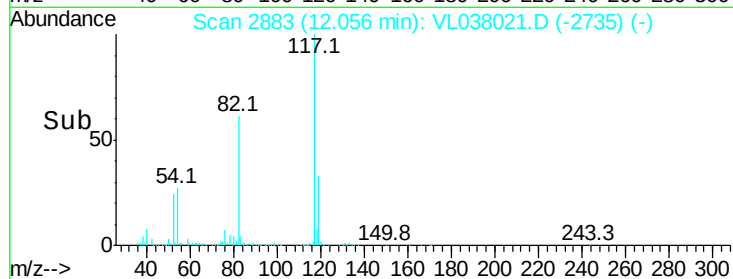
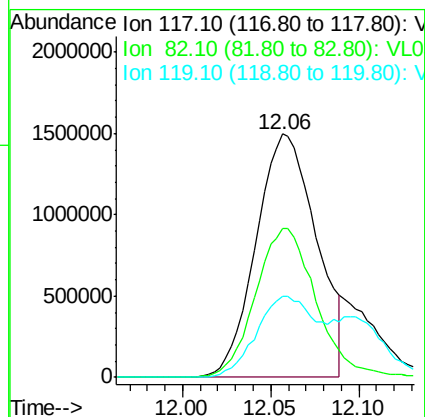
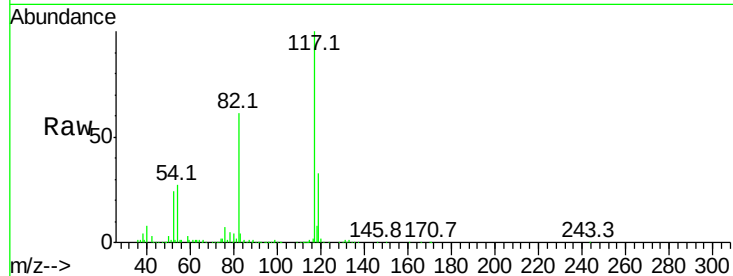


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.06
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id:
Lab File: VSTDCCC010EC
Acq: 11 Nov 2021 10:09

Tot Ion:1
Ion Rati
117 100
82 62.
119 54.

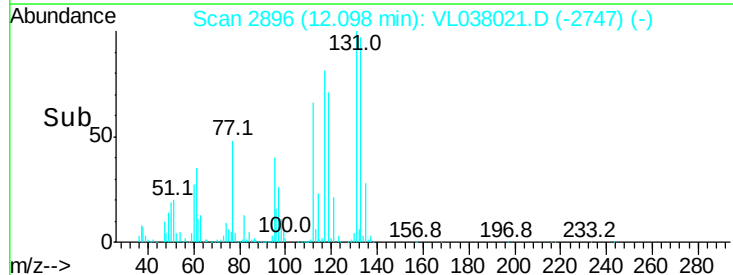
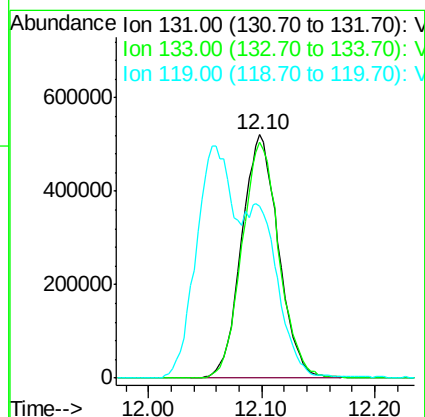
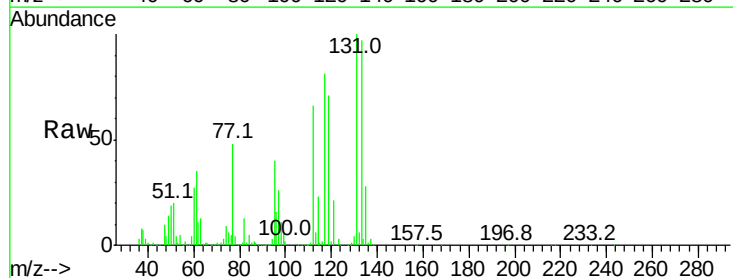
Manual Integrations
APPROVED

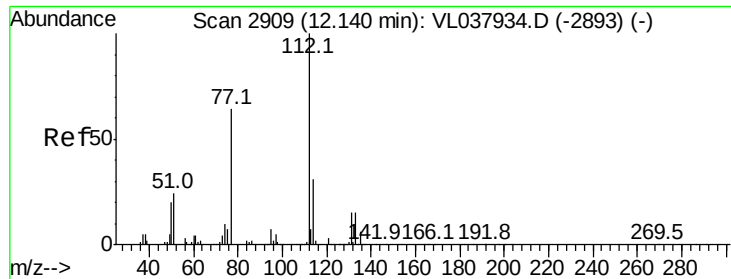
Reviewed By :Semsettin Yesilyurt 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 8.193 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: VL038021.D
Acq: 11 Nov 2021 10:09

Tgt Ion:131 Resp: 1179798
Ion Ratio Lower Upper
131 100
133 97.8 79.6 119.4
119 164.2 125.4 188.2





#57

Chlorobenzene

Concen: 8.031 ppbv

RT: 12.12

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:1

Ion Rati

112 100

77 63.

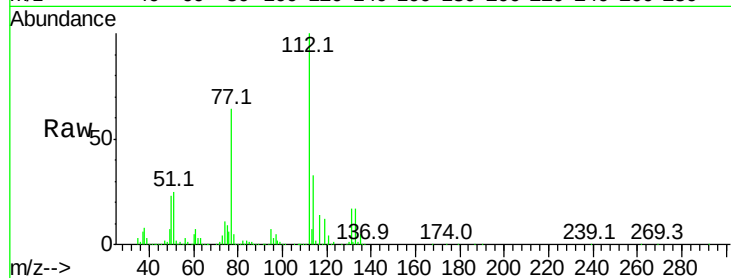
114 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

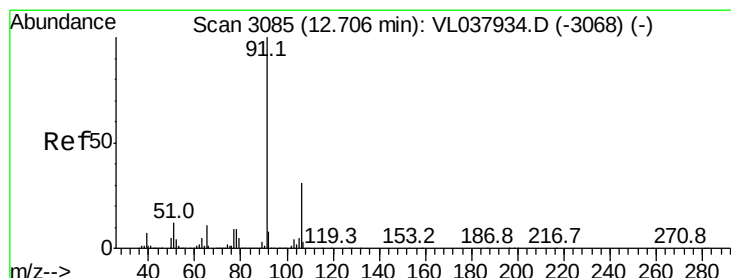
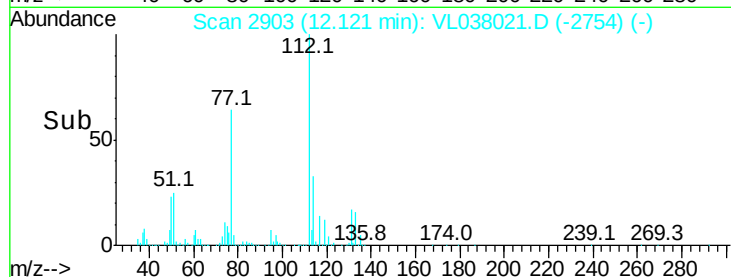
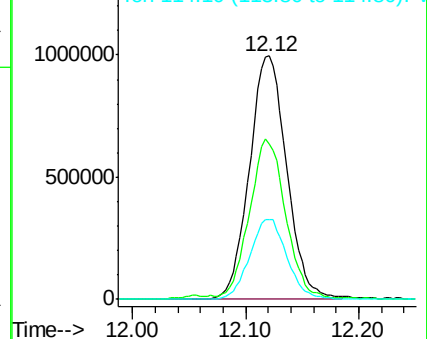
Supervised By :Mahesh Dadoda 11/17/2021



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 9.356 ppbv

RT: 12.68 min Scan# 3078

Delta R.T. -0.02 min

Lab File: VL038021.D

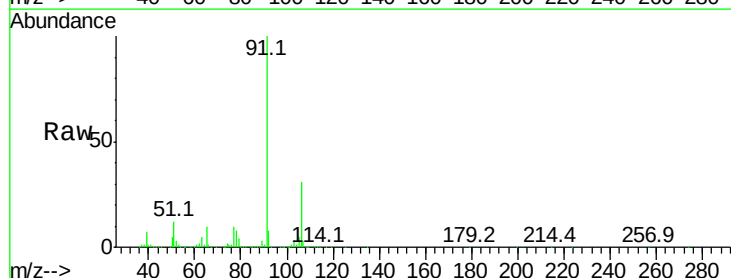
Acq: 11 Nov 2021 10:09

Tgt Ion: 91 Resp: 4080881

Ion Ratio Lower Upper

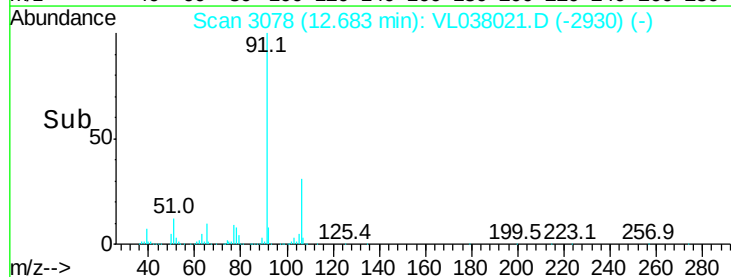
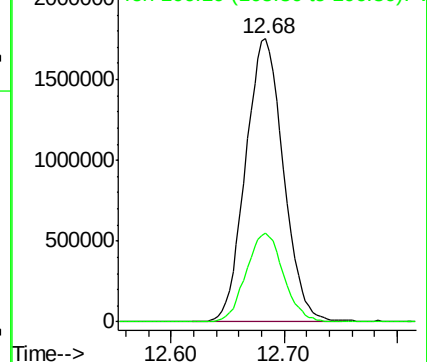
91 100

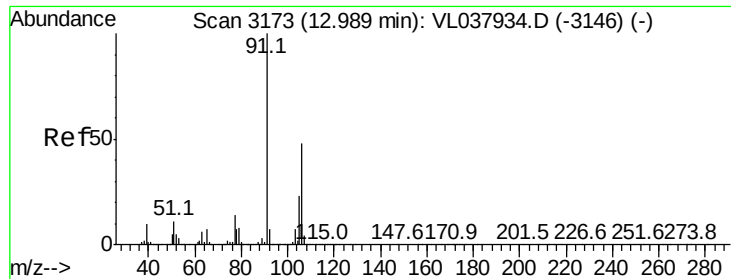
106 31.2 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



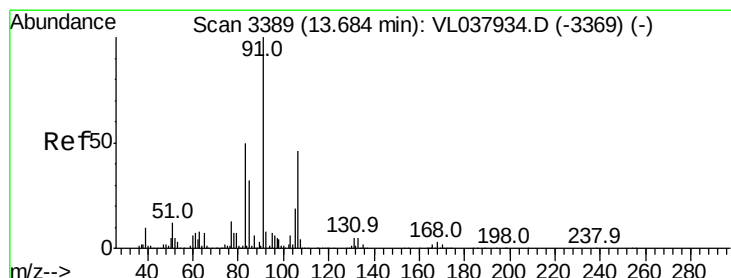
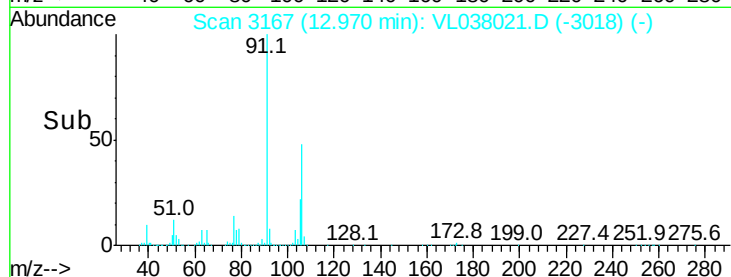
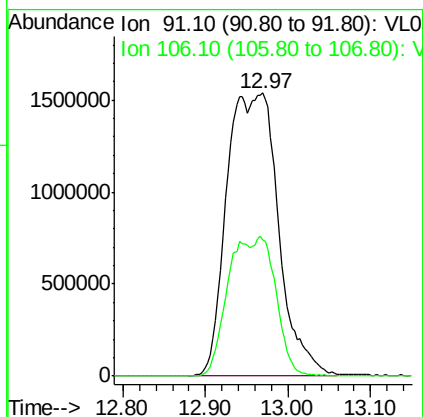
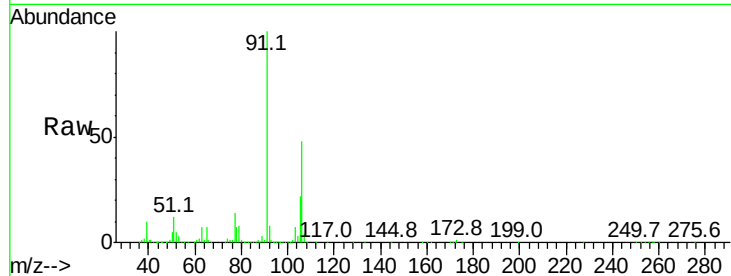


#59
m/p-Xylene
Concen: 17.181 ppbv m
RT: 12.97
Instrument : MSVOA_1
Delta R.T. :
ClientSampleId :
Lab File: VSTDCCC010EC
Acq: 11 Nov 2021 10:09

Tot Ion:
Ion Ratio
91 100
106 45.

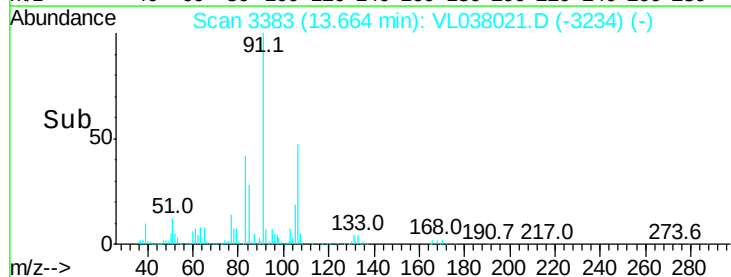
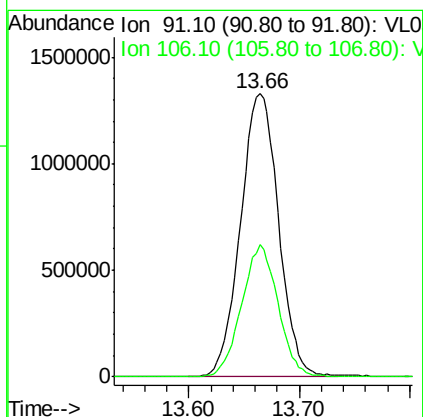
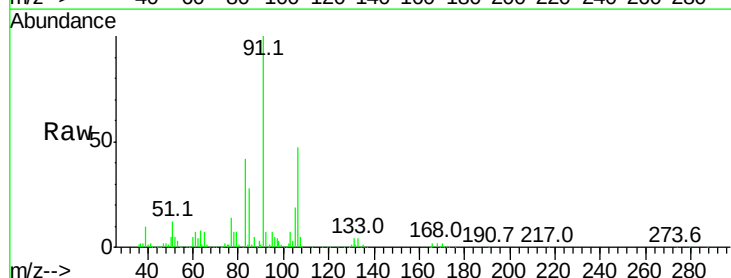
Manual Integrations
APPROVED

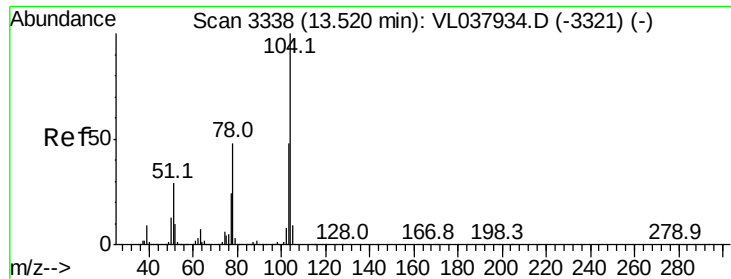
Reviewed By :Semsettin Yesilyurt 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
o-Xylene
Concen: 8.664 ppbv
RT: 13.66 min Scan# 3383
Delta R.T. -0.02 min
Lab File: VL038021.D
Acq: 11 Nov 2021 10:09

Tgt Ion: 91 Resp: 3167063
Ion Ratio Lower Upper
91 100
106 44.9 23.5 70.6





#61

Stvrene

Concen: 10.159 ppbv

RT: 13.50

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:1

Ion Ratio

104 100

78 49.

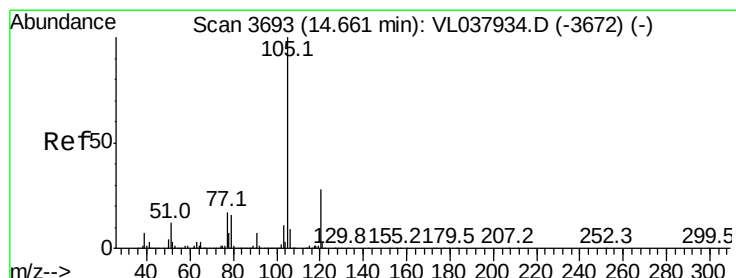
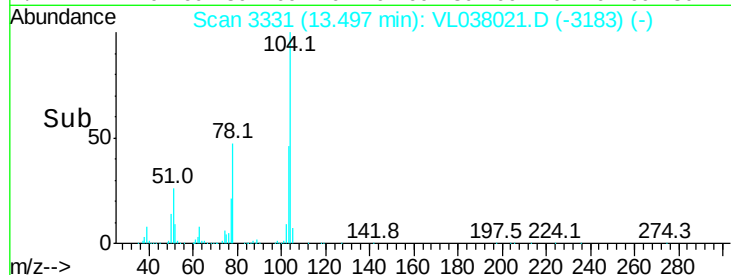
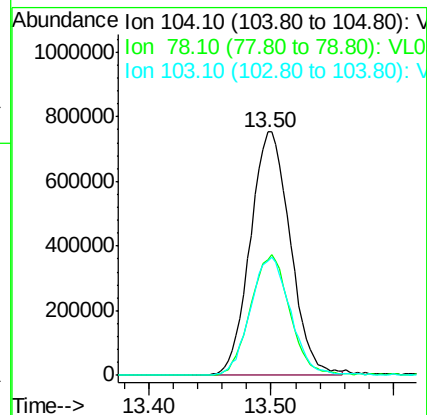
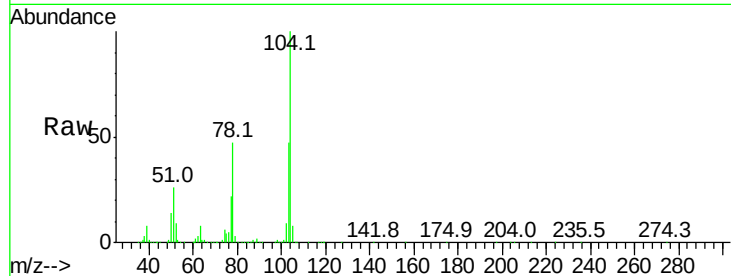
103 49.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#62

Isopropylbenzene

Concen: 8.762 ppbv

RT: 14.64 min Scan# 3686

Delta R.T. -0.02 min

Lab File: VL038021.D

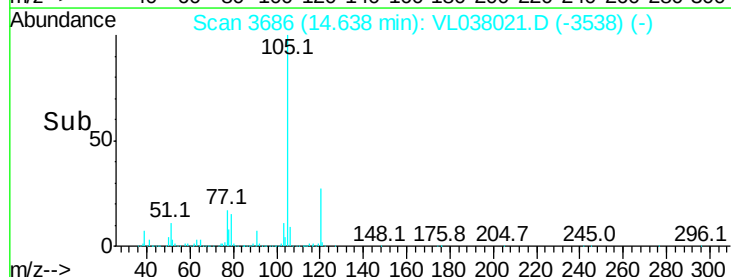
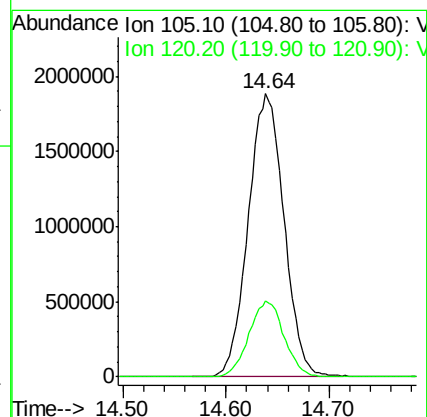
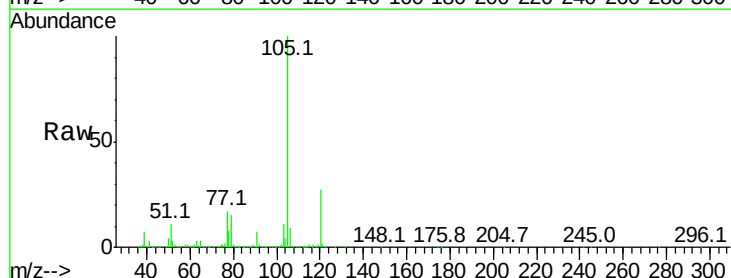
Acq: 11 Nov 2021 10:09

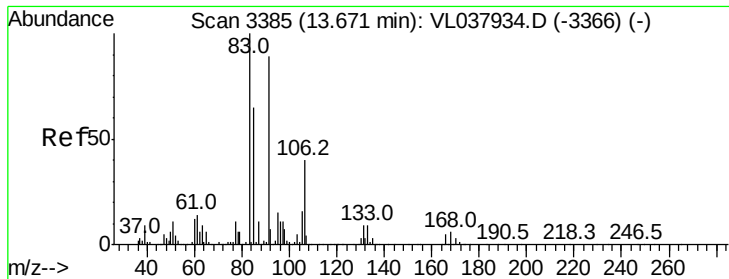
Tgt Ion:105 Resp: 4534888

Ion Ratio Lower Upper

105 100

120 26.4 21.8 32.6





#63

1,1,2,2-Tetrachloroethane

Concen: 7.234 ppbv

RT: 13.64

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:

Ion Ratio

83 100

131 10.

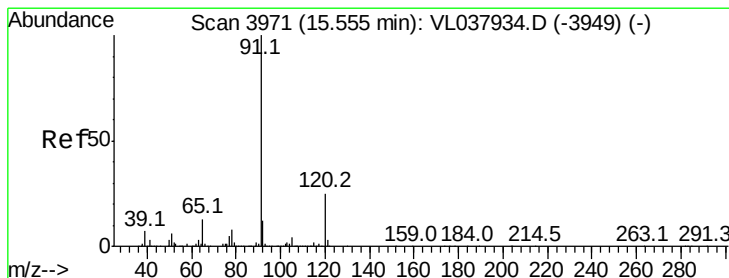
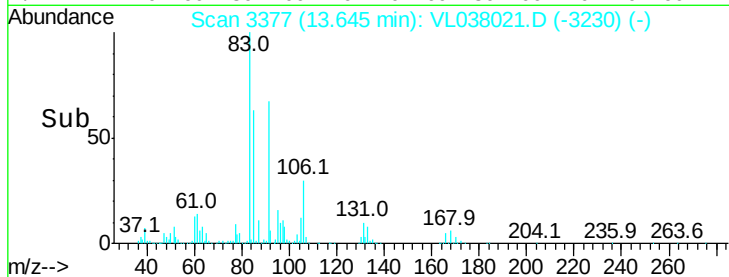
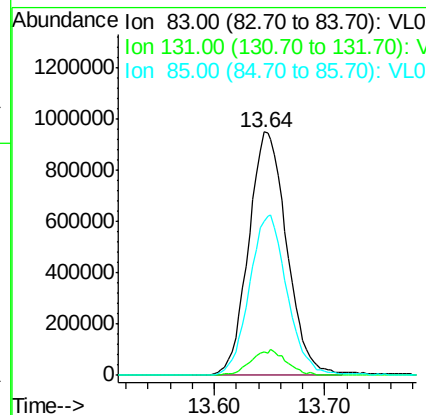
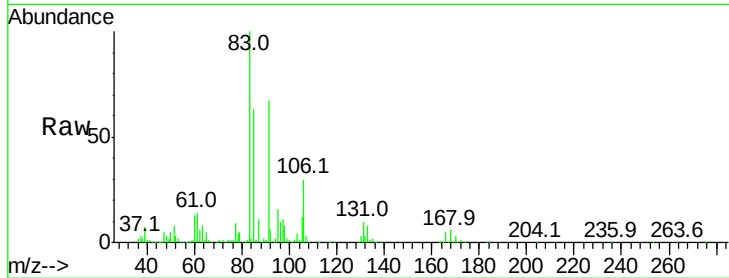
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#64

n-propylbenzene

Concen: 9.084 ppbv

RT: 15.53 min Scan# 3964

Delta R.T. -0.02 min

Lab File: VL038021.D

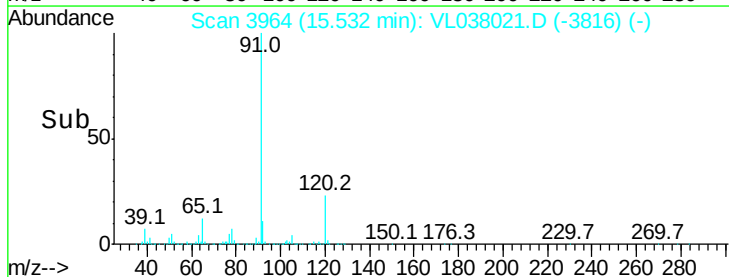
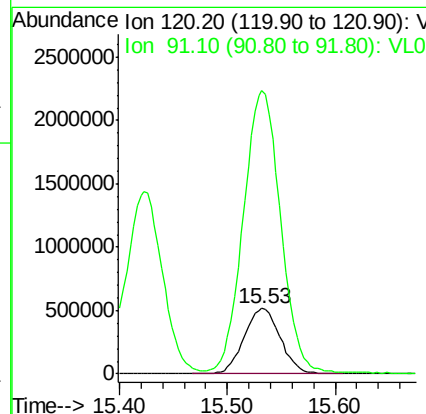
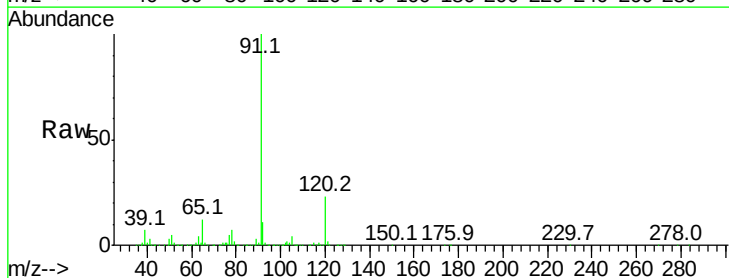
Acq: 11 Nov 2021 10:09

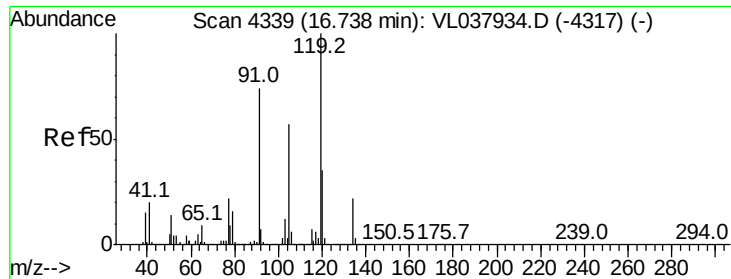
Tgt Ion:120 Resp: 1204717

Ion Ratio Lower Upper

120 100

91 448.5 363.3 544.9





#65

tert-Butylbenzene

Concen: 8.644 ppbv

RT: 16.72

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:1

Ion Rati

119 100

91 77.

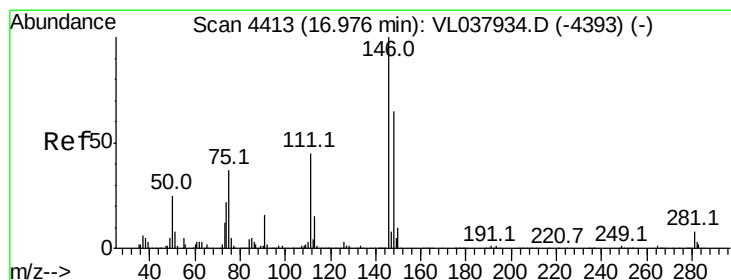
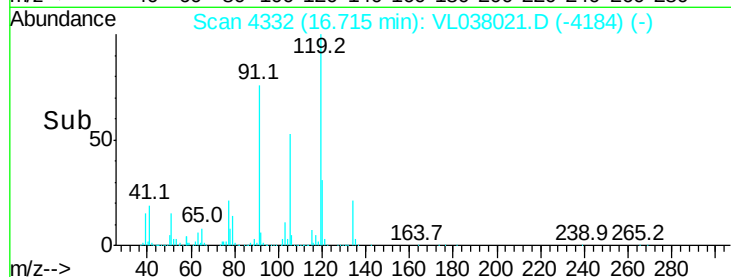
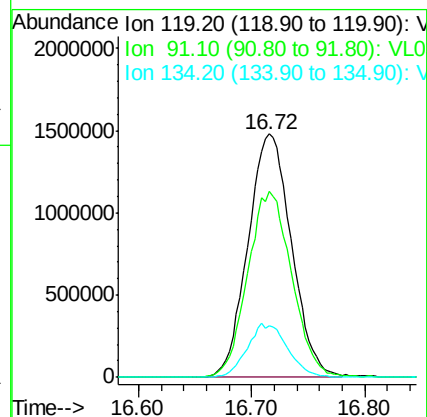
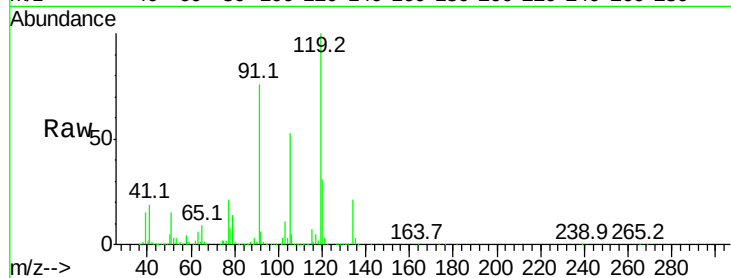
134 20.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#66

Benzyl Chloride

Concen: 2.477 ppbv m

RT: 16.95 min Scan# 4406

Delta R.T. -0.02 min

Lab File: VL038021.D

Acq: 11 Nov 2021 10:09

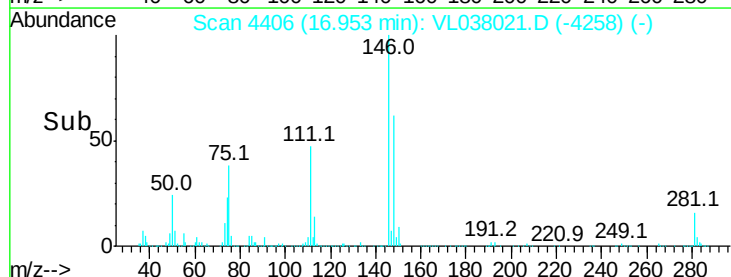
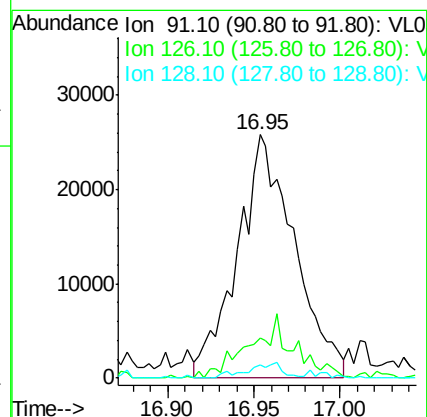
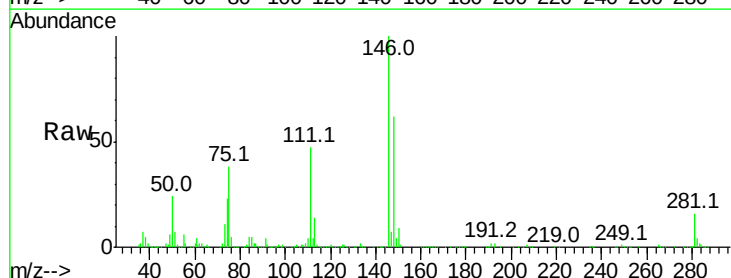
Tgt Ion: 91 Resp: 59205

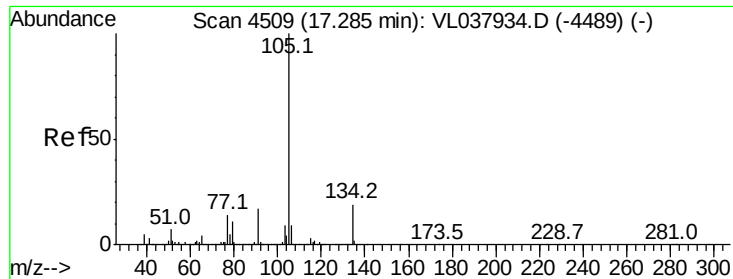
Ion Ratio Lower Upper

91 100

126 1.7 13.8 20.6#

128 12.6 5.1 7.7#





#67

sec-Butylbenzene

Concen: 8.775 ppbv

RT: 17.26

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:1

Ion Rati

105 100

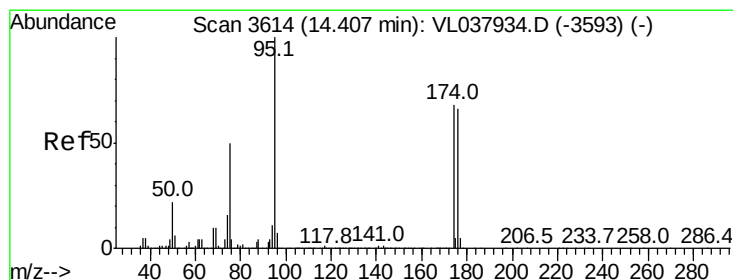
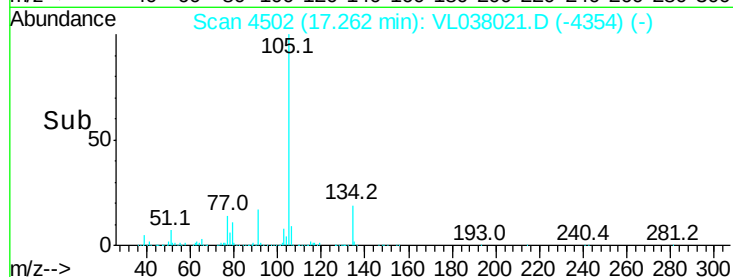
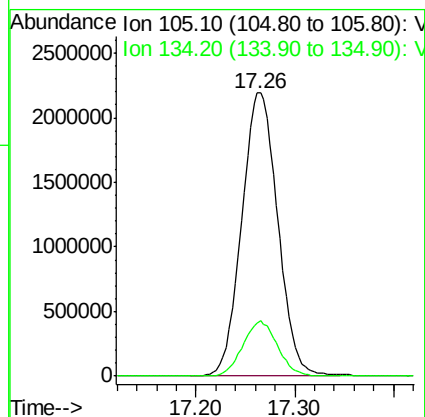
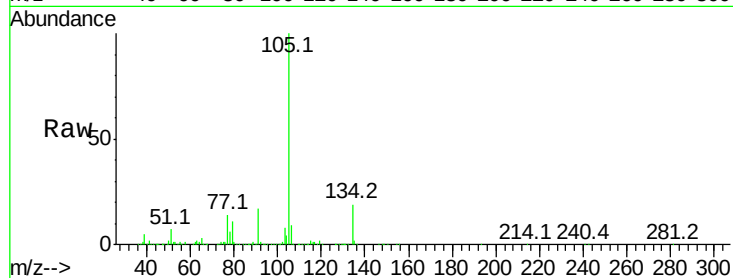
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.185 ppbv

RT: 14.38 min Scan# 3607

Delta R.T. -0.02 min

Lab File: VL038021.D

Acq: 11 Nov 2021 10:09

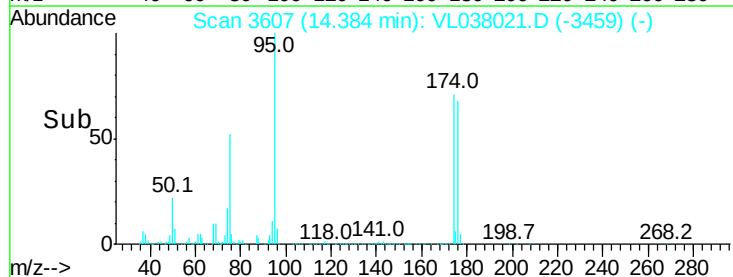
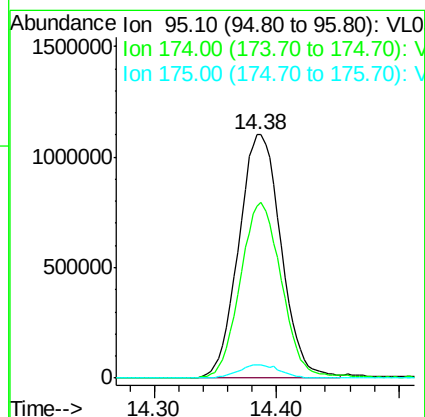
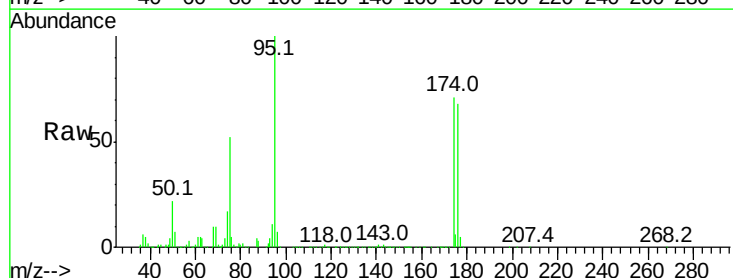
Tgt Ion: 95 Resp: 2640794

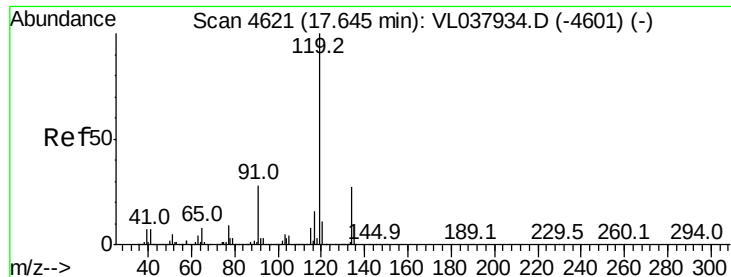
Ion Ratio Lower Upper

95 100

174 71.1 58.3 87.5

175 5.5 4.6 6.8



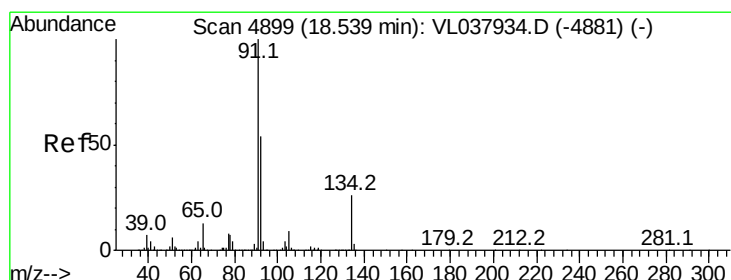
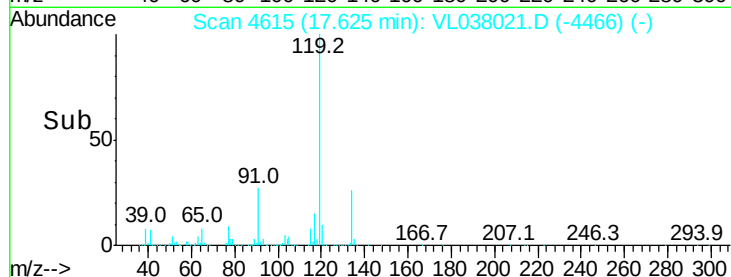
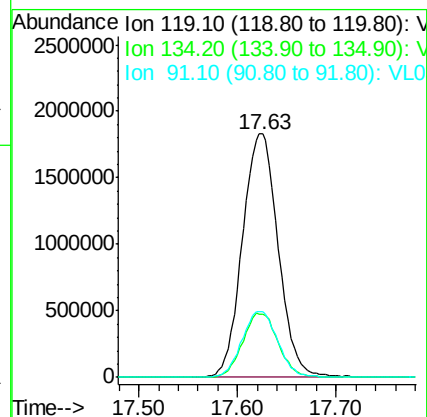
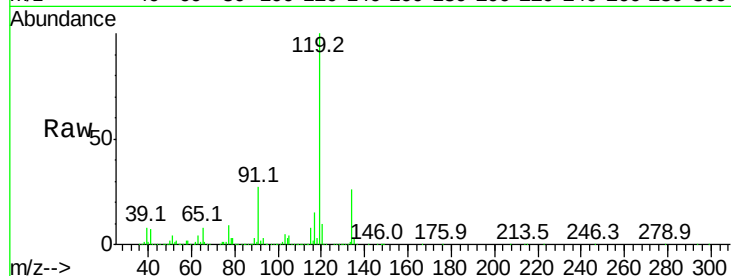


#69
 p-Isopropyltoluene
 Concen: 9.077 ppbv
 RT: 17.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 11 Nov 2021 10:09

Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 27.

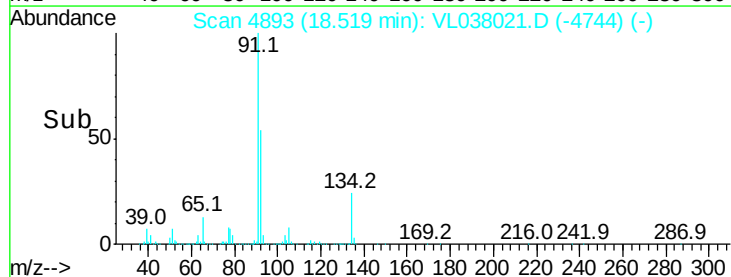
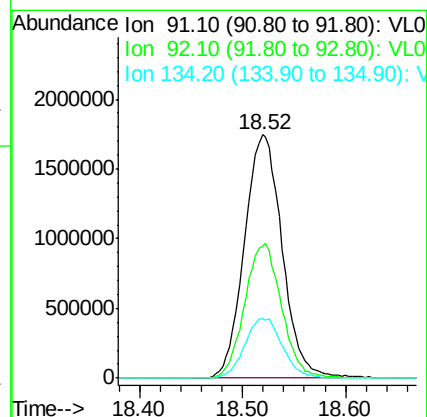
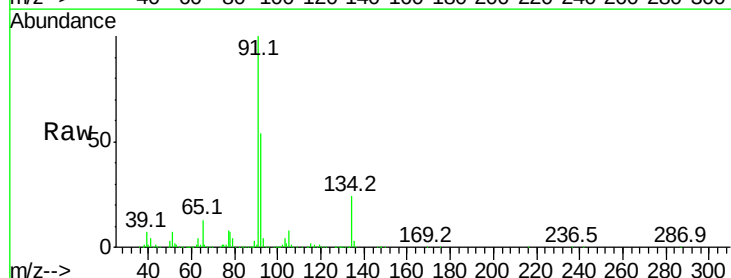
Manual Integrations
 APPROVED

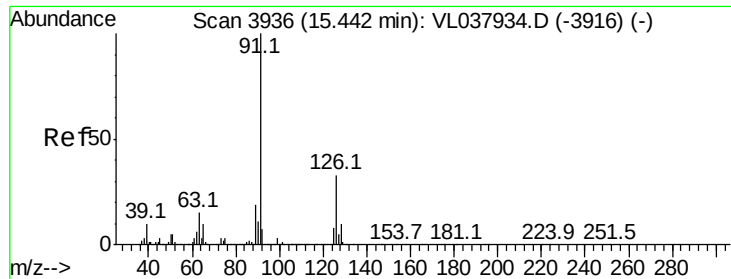
Reviewed By : Semsettin Yesilyurt 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021



#70
 n-Butylbenzene
 Concen: 9.531 ppbv
 RT: 18.52 min Scan# 4893
 Delta R.T. -0.02 min
 Lab File: VL038021.D
 Acq: 11 Nov 2021 10:09

Tgt Ion: 91 Resp: 4427280
 Ion Ratio Lower Upper
 91 100
 92 54.4 43.6 65.4
 134 24.6 19.8 29.6



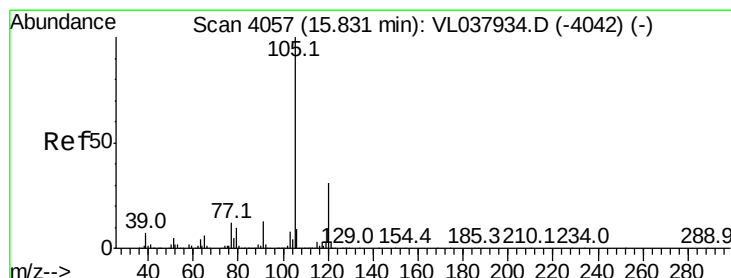
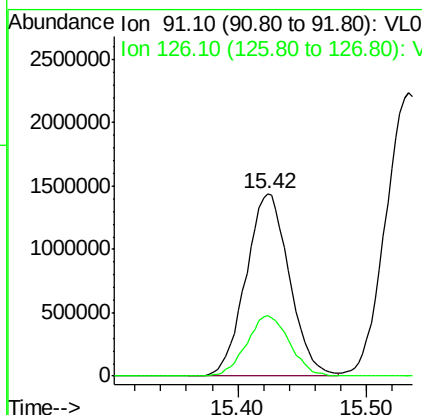
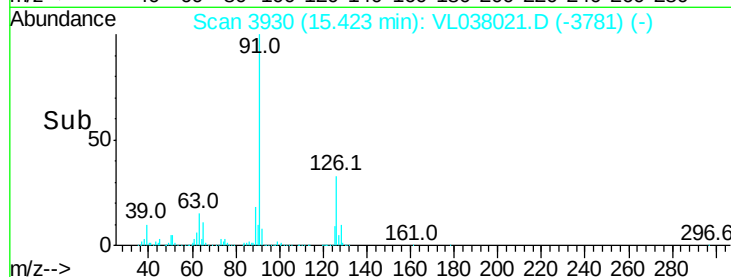
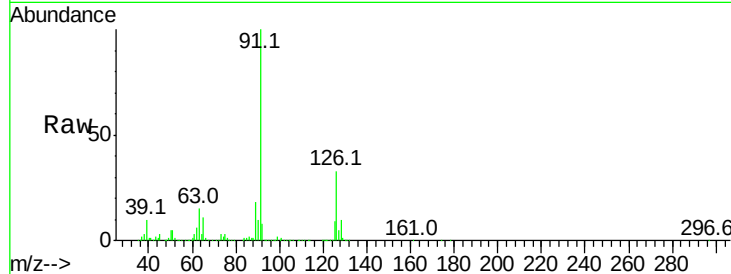


#71
 2-Chlorotoluene
 Concen: 9.289 ppbv
 RT: 15.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 11 Nov 2021 10:09

Tot Ion:
 Ion Ratio
 91 100
 126 33.

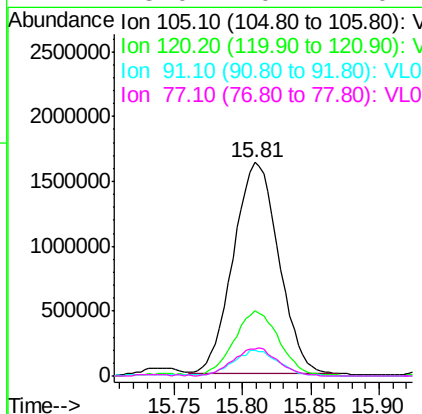
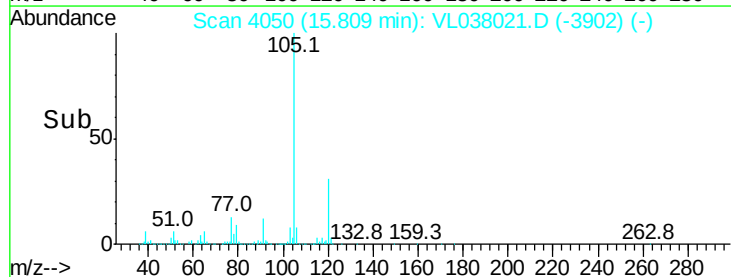
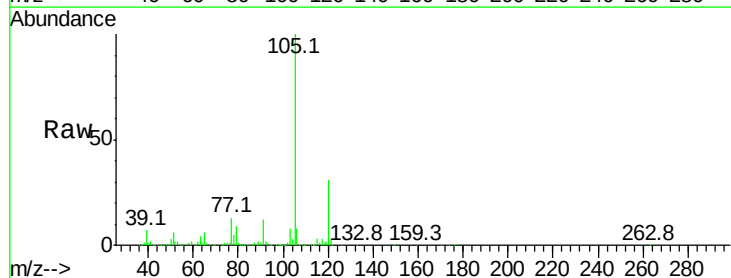
Manual Integrations
 APPROVED

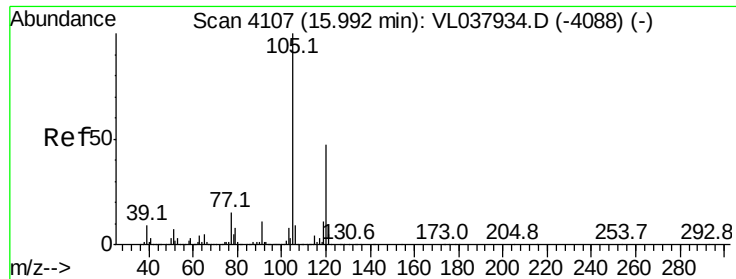
Reviewed By :Semsettin Yesilyurt 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#72
 4-Ethyltoluene
 Concen: 9.044 ppbv
 RT: 15.81 min Scan# 4050
 Delta R.T. -0.02 min
 Lab File: VL038021.D
 Acq: 11 Nov 2021 10:09

Tgt Ion:105 Resp: 3787389
 Ion Ratio Lower Upper
 105 100
 120 30.6 25.3 37.9
 91 12.1 9.9 14.9
 77 13.0 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 8.584 ppbv

RT: 15.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:1

Ion Rati

105 100

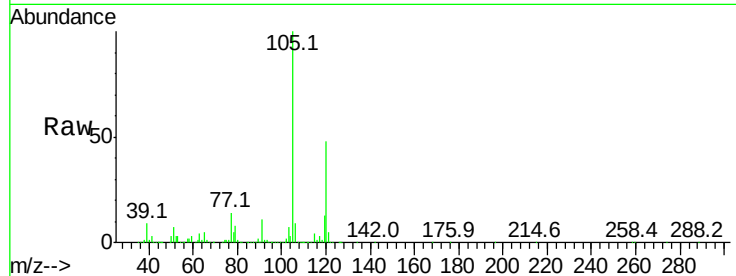
120 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.97

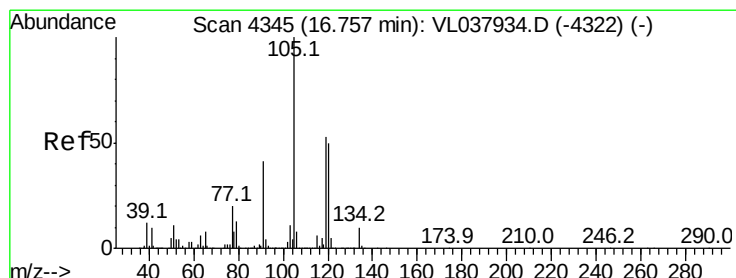
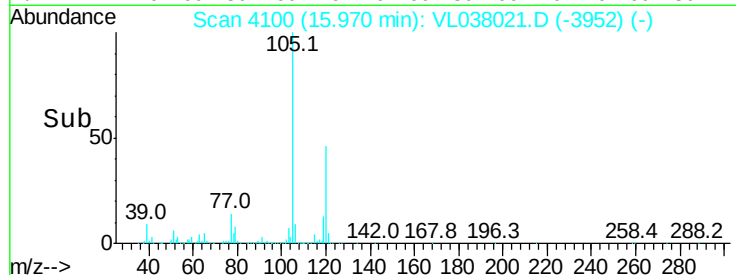
1500000

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 8.454 ppbv

RT: 16.73 min Scan# 4337

Delta R.T. -0.03 min

Lab File: VL038021.D

Acq: 11 Nov 2021 10:09

Tgt Ion:105 Resp: 3473258

Ion Ratio Lower Upper

105 100

120 50.3 40.0 60.0

91 53.3 32.6 49.0#

77 22.2 15.8 23.8

Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

2000000

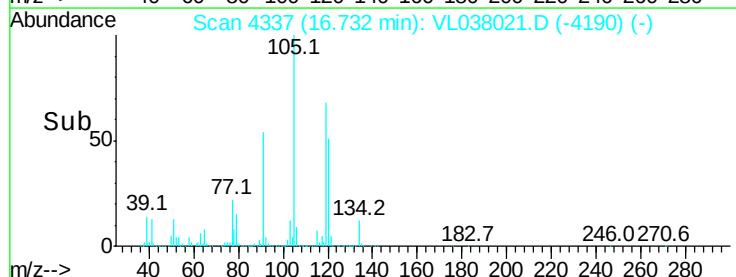
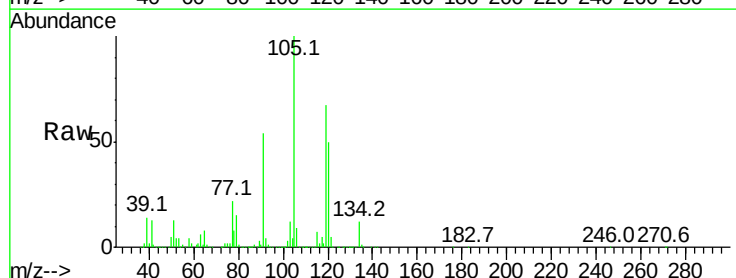
1500000

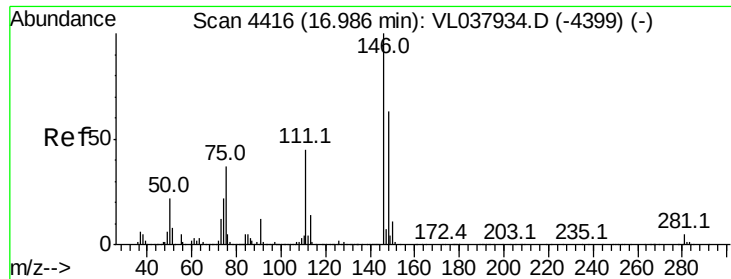
1000000

500000

0

Time-->





#75

1,3-Dichlorobenzene

Concen: 8.356 ppbv

RT: 16.97

Delta R.T. MSVOA_L

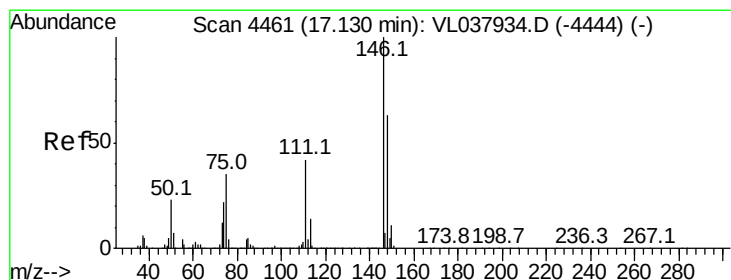
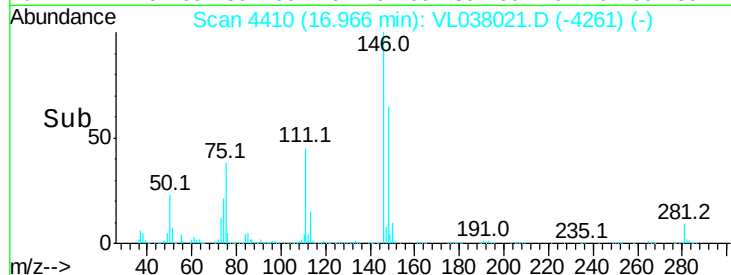
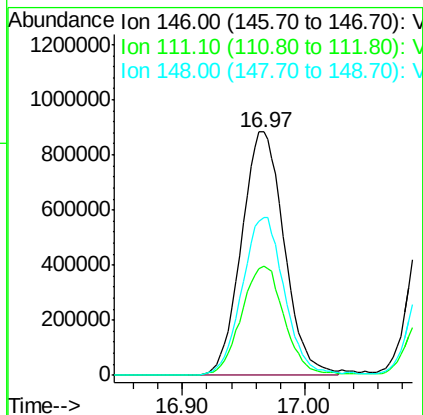
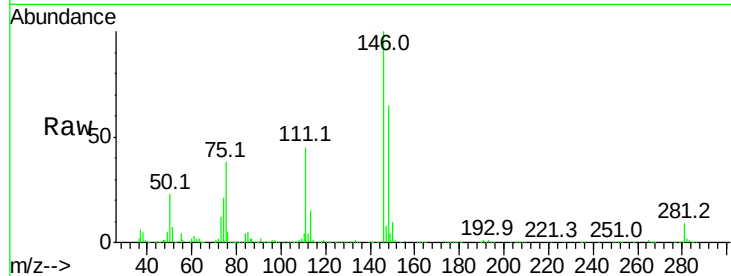
Lab File: ClientSampleId :

Acq: 11 Nov 2021 10:09 VSTDCCC010EC

Tot Ion:1
Ion Rati
146 100
111 45.
148 64.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76

1,4-Dichlorobenzene

Concen: 8.279 ppbv

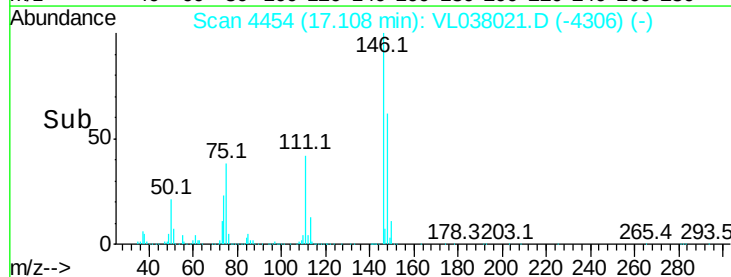
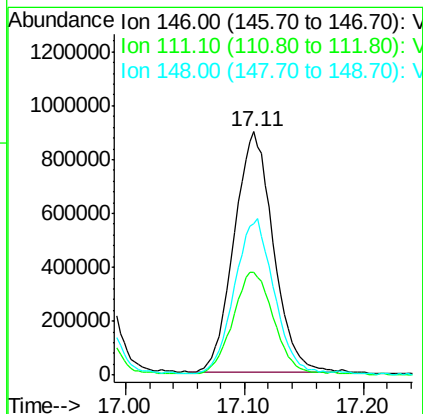
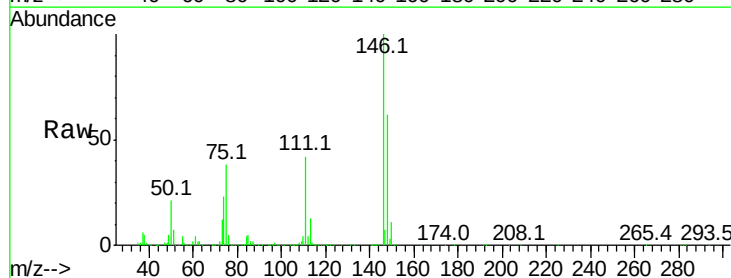
RT: 17.11 min Scan# 4454

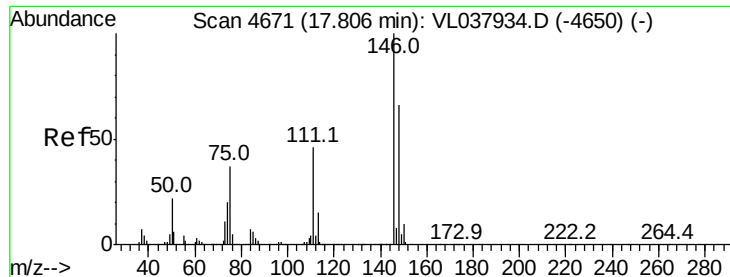
Delta R.T. -0.02 min

Lab File: VL038021.D

Acq: 11 Nov 2021 10:09

Tgt Ion:146 Resp: 2049229
Ion Ratio Lower Upper
146 100
111 45.0 22.7 68.1
148 67.0 33.5 100.4



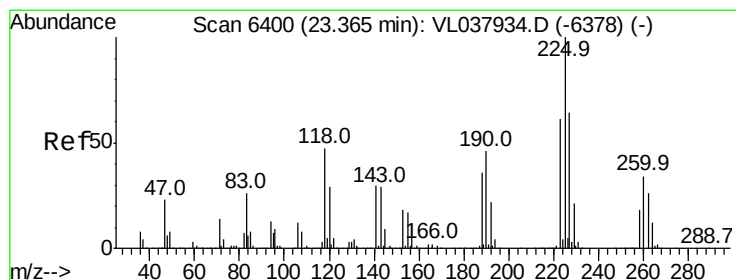
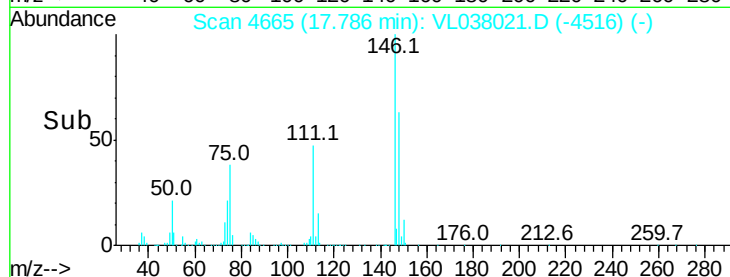
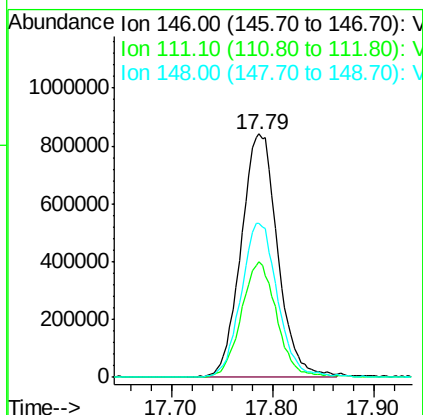
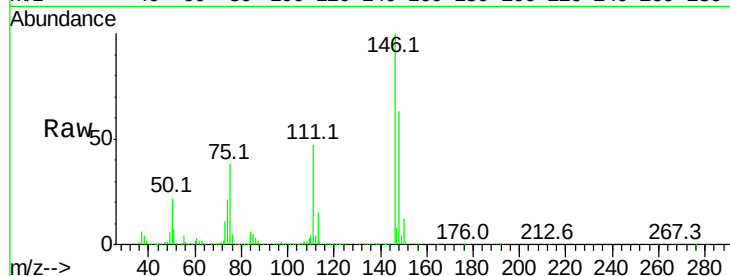


#77
 1,2-Dichlorobenzene
 Concen: 8.814 ppbv m
 RT: 17.79
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 11 Nov 2021 10:09

Tot Ion:1
 Ion Rati
 146 100
 111 46.
 148 63.

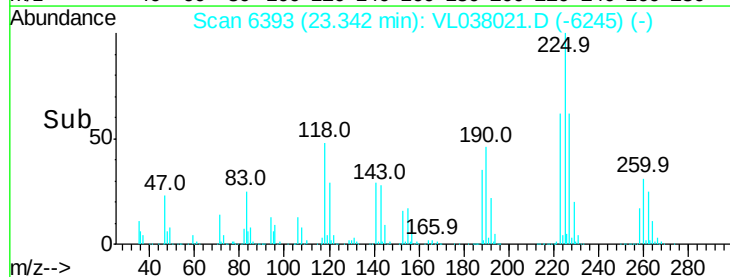
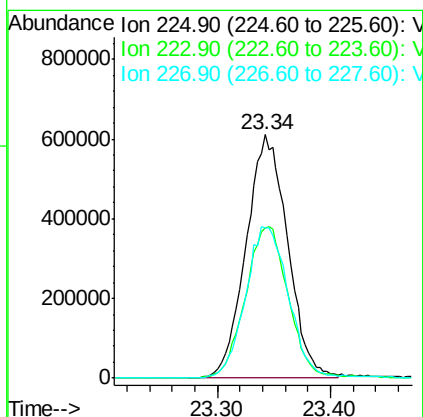
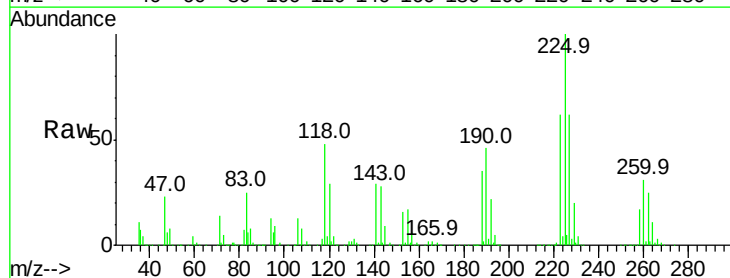
Manual Integrations
 APPROVED

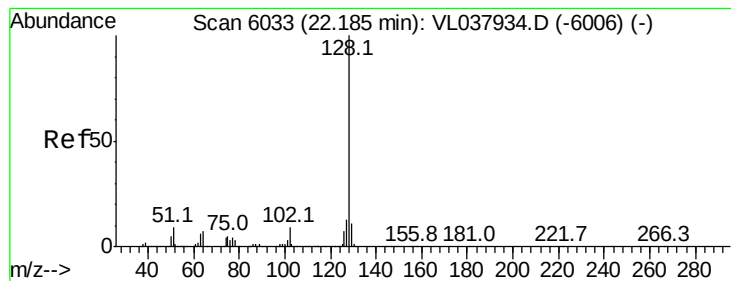
Reviewed By :Semsettin Yesilyurt 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.594 ppbv
 RT: 23.34 min Scan# 6393
 Delta R.T. -0.02 min
 Lab File: VL038021.D
 Acq: 11 Nov 2021 10:09

Tgt Ion:225 Resp: 1561303
 Ion Ratio Lower Upper
 225 100
 223 64.7 50.0 75.0
 227 64.7 51.5 77.3





#79

Naphthalene

Concen: 9.773 ppbv

RT: 22.16

Delta R.T. MSVOA_L

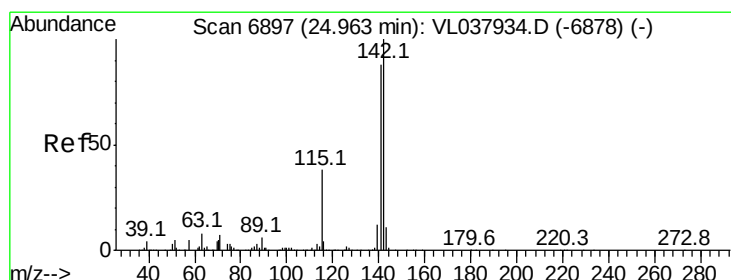
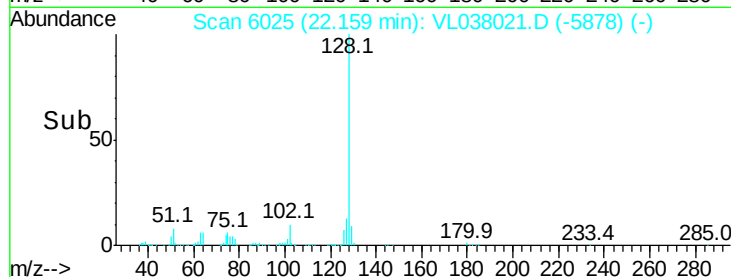
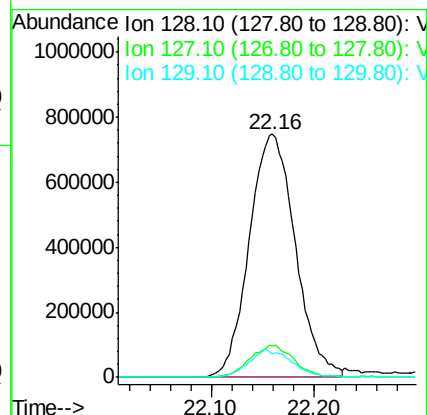
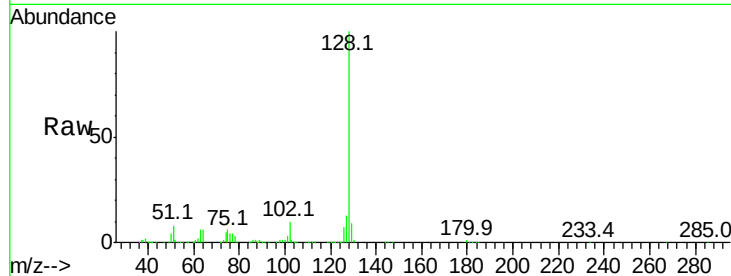
Lab File: ClientSampleId:

Acq: 11 Nov 2021 10:09

Tot Ion:1
Ion Rati
128 100
127 12.
129 9.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80

Naphthalene, 2-methyl-

Concen: 7.845 ppbv

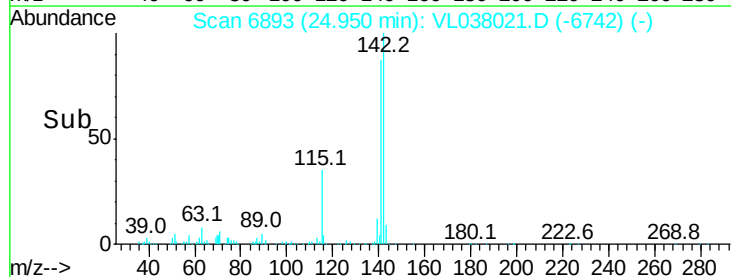
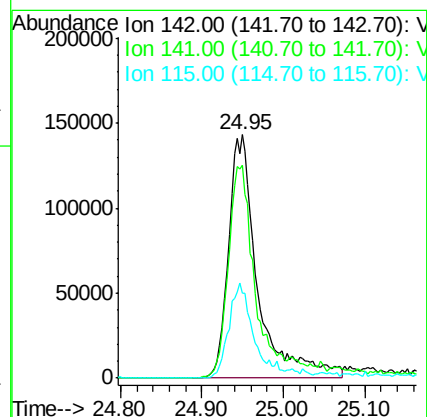
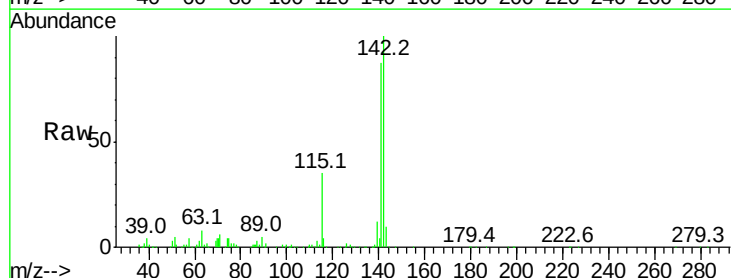
RT: 24.95 min Scan# 6893

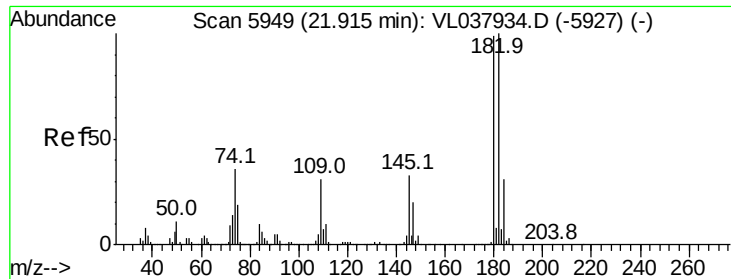
Delta R.T. -0.01 min

Lab File: VL038021.D

Acq: 11 Nov 2021 10:09

Tgt Ion:142 Resp: 361507
Ion Ratio Lower Upper
142 100
141 85.0 66.4 99.6
115 36.6 29.0 43.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.141 ppbv
 RT: 21.89
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 11 Nov 2021 10:09

Tot Ion:1
 Ion Rati
 180 100
 182 99.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

