

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037936.D
 Acq On : 1 Nov 2021 10:40
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/05/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 01 10:46:02 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121A

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

QLast Update : Mon Nov 01 11:08:47 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1596755	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4667842	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4189130	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2982618	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	240280	0.942	ppbv	100
3) Chlorodifluoromethane	2.99	51	314397	1.025	ppbv	99
4) Chloromethane	3.14	50	121940	1.085	ppbv #	88
5) Vinyl Chloride	3.26	62	102934	0.999	ppbv	94
6) Bromomethane	3.47	94	60092	1.078	ppbv	96
7) Chloroethane	3.56	64	39629	1.046	ppbv #	86
8) Dichlorotetrafluoroethane	3.19	85	274550	1.089	ppbv	97
9) Propene	3.02	41	106271	0.941	ppbv	100
10) Heptane	8.12	43	249260	0.972	ppbv	97
11) Trichlorofluoromethane	3.95	101	237660	1.044	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	179129	1.039	ppbv	92
13) Ethanol	3.63	45	11876	1.286	ppbv	79
14) Bromoethene	3.74	108	78969m	1.042	ppbv	
15) Acetone	3.86	43	152484m	1.064	ppbv	
16) 1,3-Butadiene	3.33	39	103334	0.991	ppbv	94
17) tert-Butyl alcohol	4.31	59	139021m	0.942	ppbv	
18) 1,1-Dichloroethene	4.29	96	84909m	1.084	ppbv	
19) Isopropyl Alcohol	3.99	45	93101m	1.044	ppbv	
20) Methylene Chloride	4.34	84	74616	1.030	ppbv	93
21) Allyl Chloride	4.41	41	117694	0.927	ppbv	91
22) trans-1,2-Dichloroethene	4.89	96	84304m	1.070	ppbv	
23) Vinyl Acetate	5.08	43	174815	0.814	ppbv #	94
24) 1,1-Dichloroethane	5.01	63	172462	1.103	ppbv	97
25) Ethyl Acetate	5.68	43	410309	1.020	ppbv	99
26) Hexane	5.68	57	197002	0.995	ppbv	97
27) Carbon Disulfide	4.55	76	176080	1.003	ppbv #	93
28) Methyl tert-Butyl Ether	5.05	73	166225m	1.008	ppbv	
29) Chloroform	5.75	83	297429m	1.051	ppbv	
30) Cyclohexane	7.13	84	166671m	0.992	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	174410m	0.970	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	269261m	1.003	ppbv	
34) 2-Butanone	5.25	43	191725m	1.017	ppbv	
35) Carbon Tetrachloride	7.01	117	264202	0.997	ppbv	93
36) Benzene	6.88	78	401480	1.007	ppbv #	95
37) 1,2-Dichloroethane	6.30	62	184590	0.983	ppbv	100
38) Trichloroethene	7.83	130	149405	0.949	ppbv	97
39) 1,2-Dichloropropane	7.61	63	138880	0.926	ppbv	98
40) 1,4-Dioxane	7.86	88	43484m	1.159	ppbv	
41) Tetrahydrofuran	6.07	42	84495m	0.916	ppbv	
42) Bromodichloromethane	7.78	83	278311	1.009	ppbv #	99
43) Methyl Methacrylate	8.02	69	123749m	0.950	ppbv	

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Instrument :
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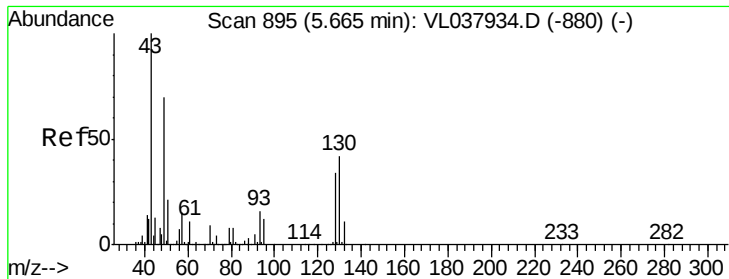
Manual Integrations
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 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 01 10:46:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Nov 01 11:08:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	703521	1.050	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	79704m	0.890	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	117213m	0.944	ppbv	
47) 1,1,2-Trichloroethane	9.47	97	172995m	1.061	ppbv	
48) Dibromochloromethane	10.29	129	231293m	0.995	ppbv	
49) Bromoform	13.03	173	173066m	0.973	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	223979m	0.913	ppbv	
51) 2-Hexanone	10.15	43	82931m	0.757	ppbv	
52) Tetrachloroethene	11.22	164	142705	0.920	ppbv	97
53) Toluene	9.80	91	400632	0.907	ppbv	99
54) 1,2-Dibromoethane	10.60	107	201753	0.916	ppbv	87
56) 1,1,1,2-Tetrachloroethane	12.11	131	180186	1.039	ppbv #	1
57) Chlorobenzene	12.13	112	372064m	1.083	ppbv	
58) Ethyl Benzene	12.70	91	522590	0.929	ppbv	96
59) m/p-Xylene	12.99	91	986832m	2.044	ppbv	
60) o-Xylene	13.68	91	463946	1.003	ppbv	98
61) Styrene	13.52	104	178358m	0.797	ppbv	
62) Isopropylbenzene	14.66	105	652087	1.010	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.66	83	368112	1.031	ppbv	97
64) n-propylbenzene	15.55	120	159568	0.991	ppbv	78
65) tert-Butylbenzene	16.73	119	598756	1.054	ppbv	99
66) Benzyl Chloride	16.98	91	20852m	0.744	ppbv	
67) sec-Butylbenzene	17.28	105	805233	1.037	ppbv	97
69) p-Isopropyltoluene	17.64	119	635509	1.012	ppbv	98
70) n-Butylbenzene	18.54	91	567662	0.951	ppbv	97
71) 2-Chlorotoluene	15.44	91	454644m	0.997	ppbv	
72) 4-Ethyltoluene	15.83	105	538957m	1.026	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	502895m	1.054	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	524234	1.046	ppbv	97
75) 1,3-Dichlorobenzene	16.99	146	319191	1.028	ppbv	97
76) 1,4-Dichlorobenzene	17.12	146	298355	1.007	ppbv	97
77) 1,2-Dichlorobenzene	17.81	146	296491	0.994	ppbv	96
78) Hexachloro-1,3-Butadiene	23.36	225	280266m	1.151	ppbv	
79) Naphthalene	22.18	128	234664m	0.765	ppbv	
80) Naphthalene,2-methyl-	24.96	142	20164m	0.245	ppbv	
81) 1,2,4-Trichlorobenzene	21.92	180	172374m	0.878	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC001

Acq: 1 Nov 2021 10:40

Tgt Ion:

Ion Ratio

49 100

128 54.

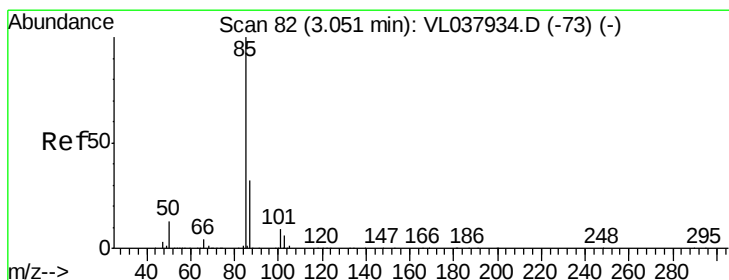
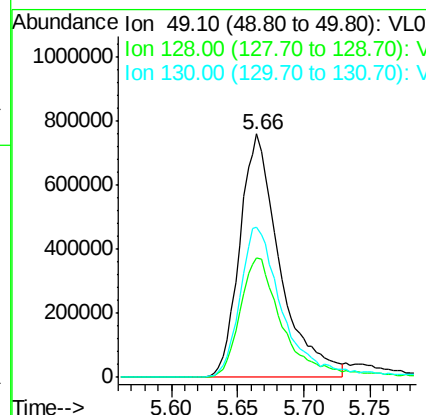
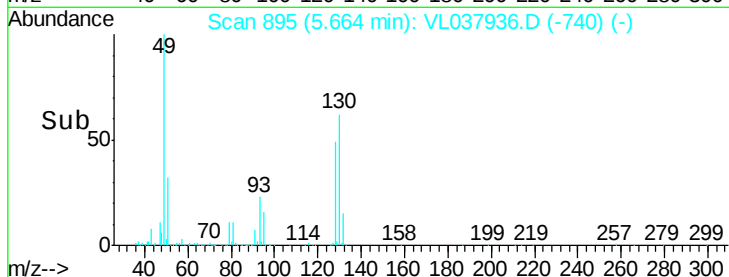
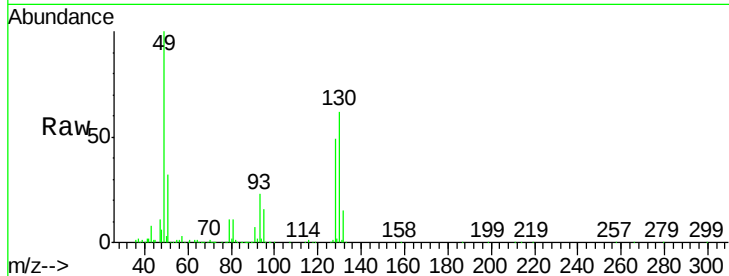
130 66.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#2

Dichlorodifluoromethane

Concen: 0.942 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL037936.D

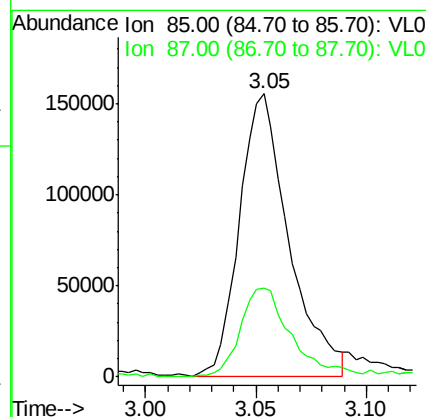
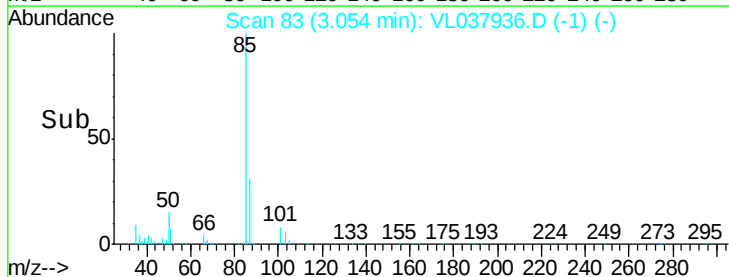
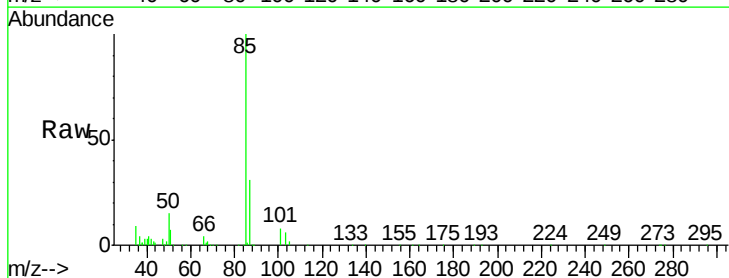
Acq: 1 Nov 2021 10:40

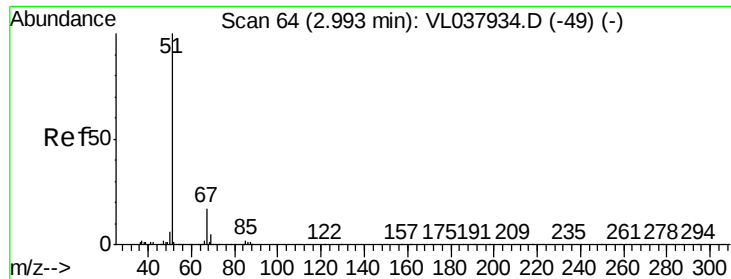
Tgt Ion: 85 Resp: 240280

Ion Ratio Lower Upper

85 100

87 31.4 25.3 37.9





#3

Chlorodifluoromethane

Concen: 1.025 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:

Ion Ratio

51 100

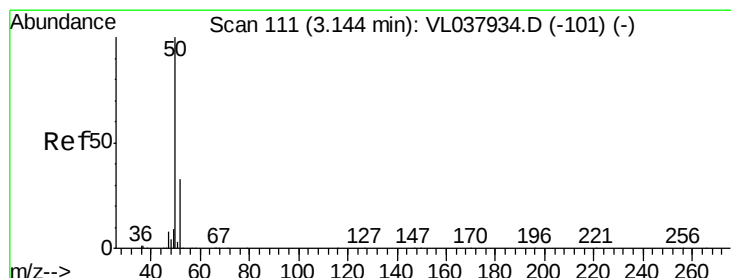
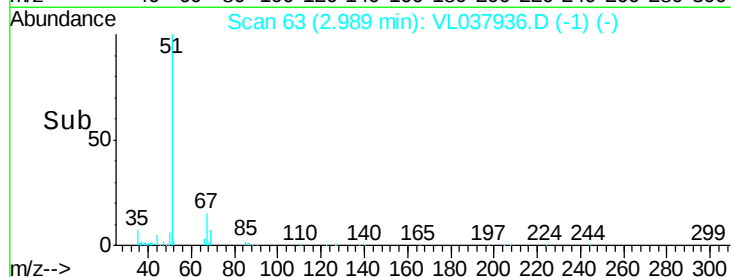
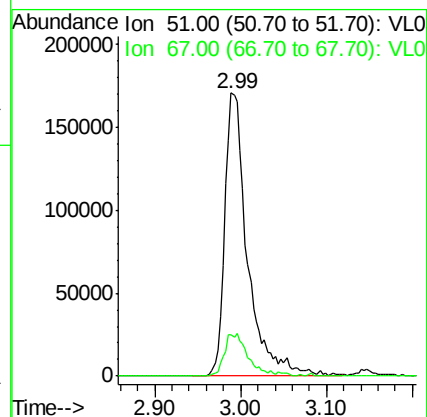
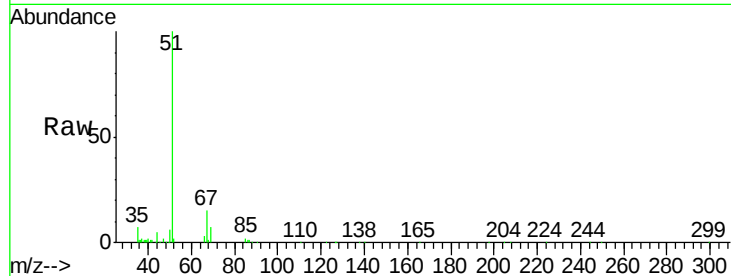
67 16.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#4

Chloromethane

Concen: 1.085 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL037936.D

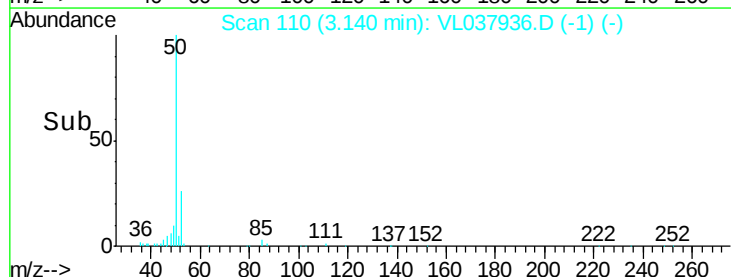
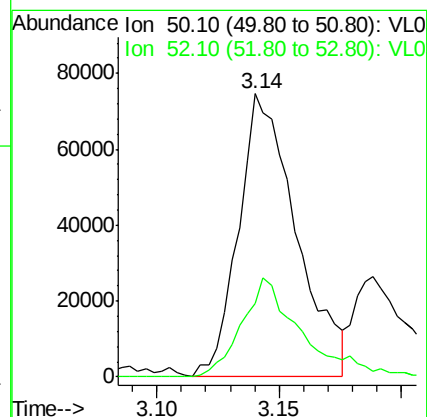
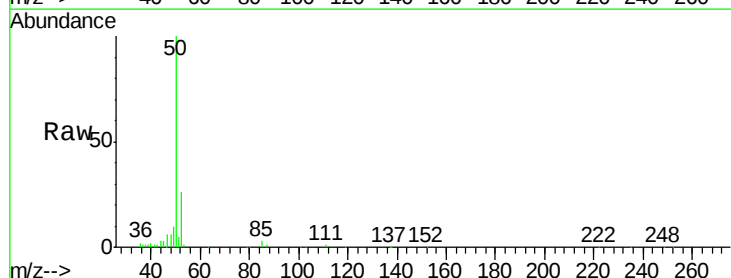
Acq: 1 Nov 2021 10:40

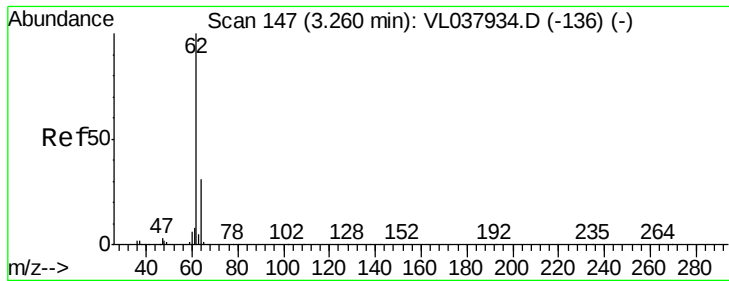
Tgt Ion: 50 Resp: 121940

Ion Ratio Lower Upper

50 100

52 26.0 26.3 39.5#





#5

Vinyl Chloride

Concen: 0.999 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:

Ion Ratio

62 100

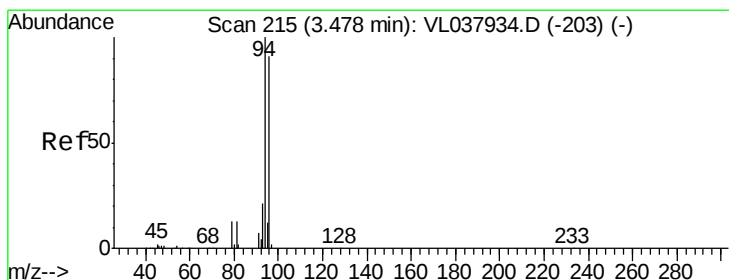
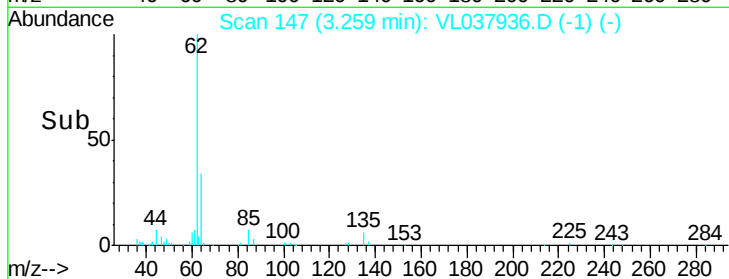
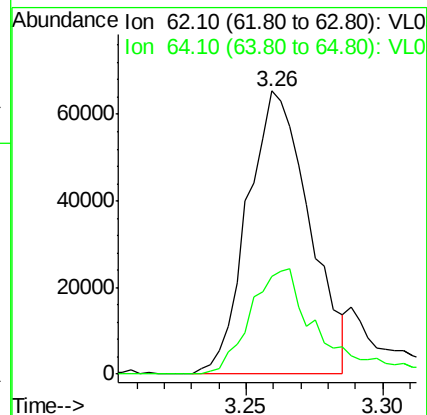
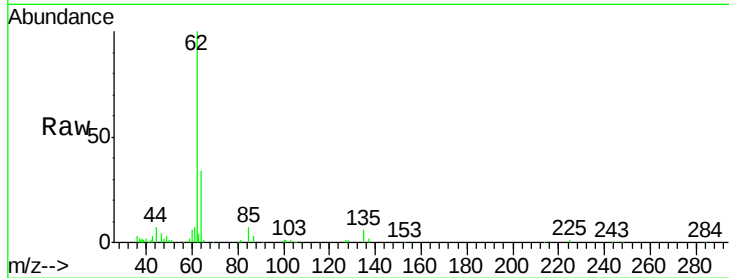
64 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#6

Bromomethane

Concen: 1.078 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL037936.D

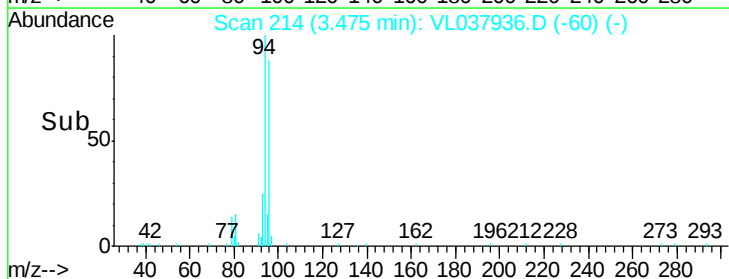
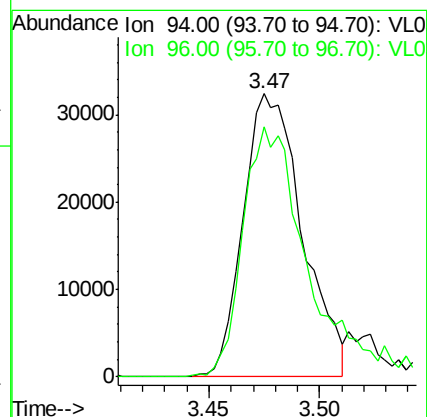
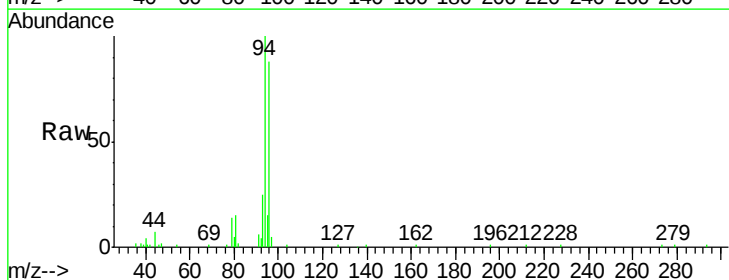
Acq: 1 Nov 2021 10:40

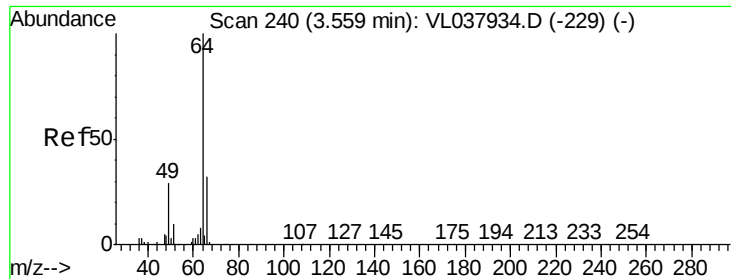
Tgt Ion: 94 Resp: 60092

Ion Ratio Lower Upper

94 100

96 87.9 73.0 109.4





#7

Chloroethane

Concen: 1.046 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:

Ion Ratio

64 100

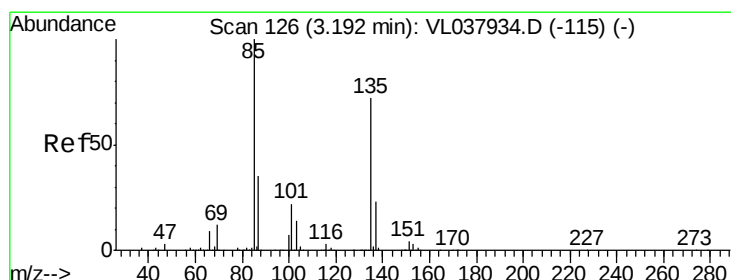
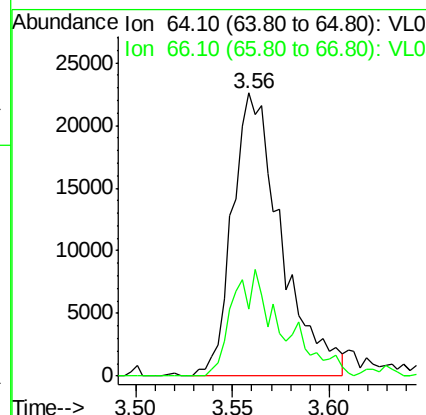
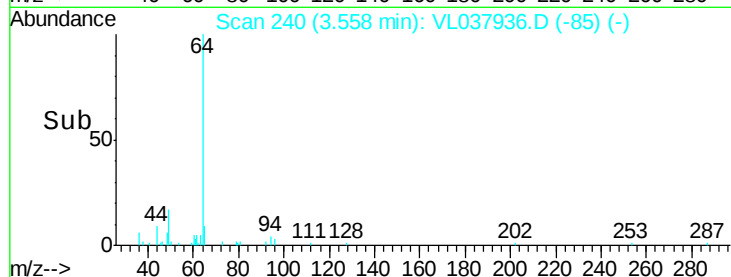
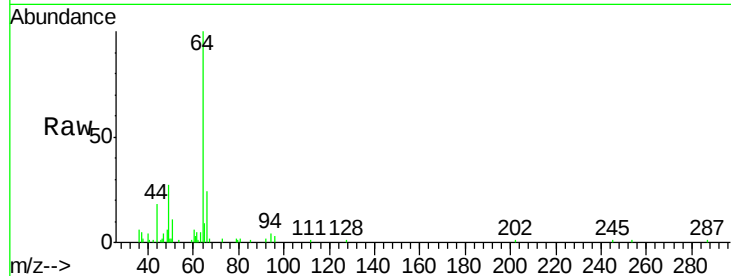
66 23.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#8

Dichlorotetrafluoroethane

Concen: 1.089 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.00 min

Lab File: VL037936.D

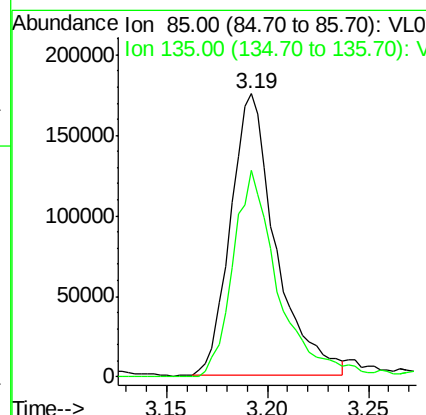
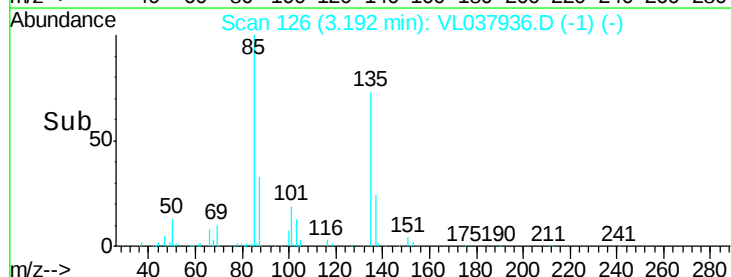
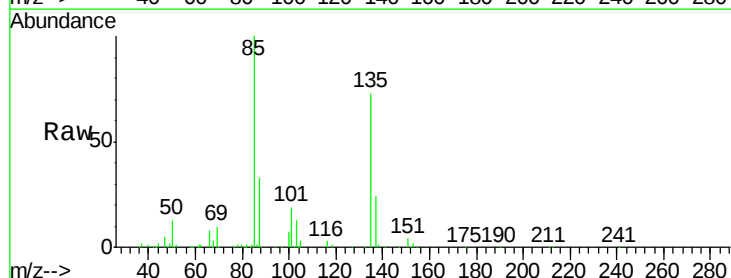
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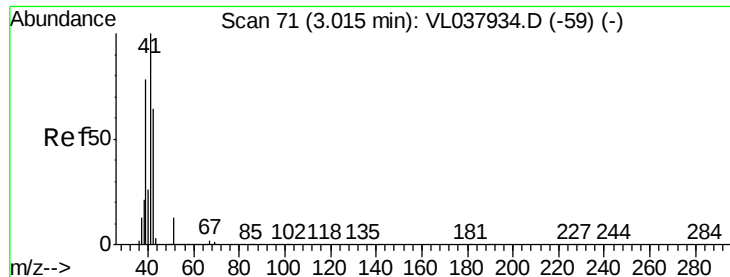
Tgt Ion: 85 Resp: 274550

Ion Ratio Lower Upper

85 100

135 75.8 58.8 88.2



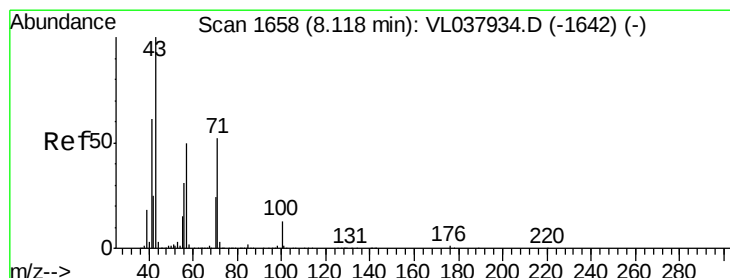
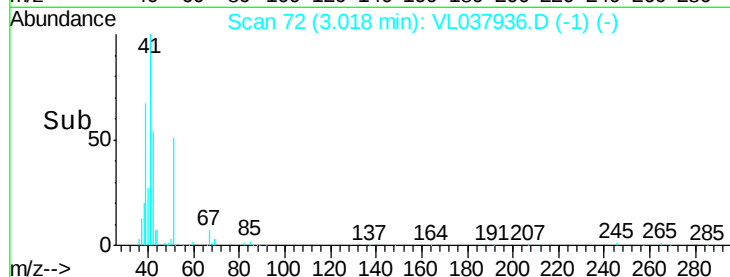
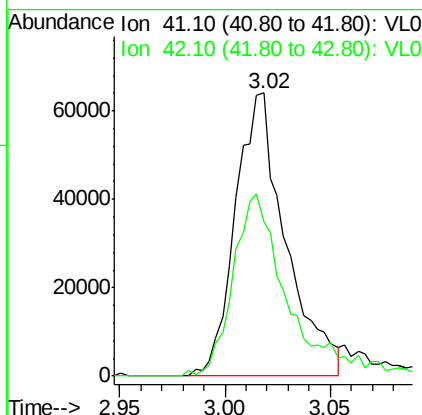
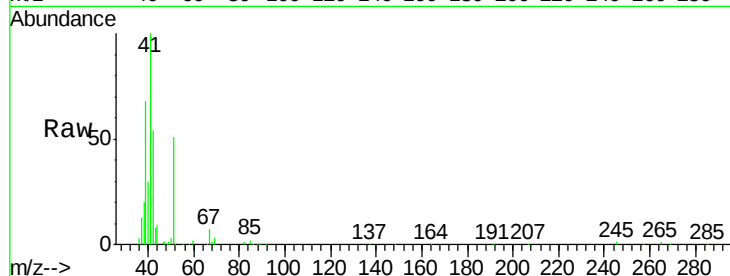


#9
 Propene
 Concen: 0.941 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Nov 2021 10:40

Tgt Ion:
 Ion Ratio
 41 100
 42 71.

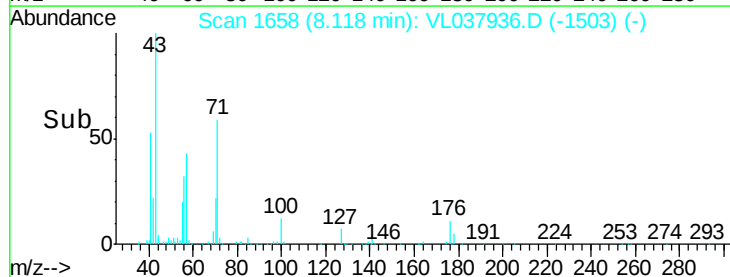
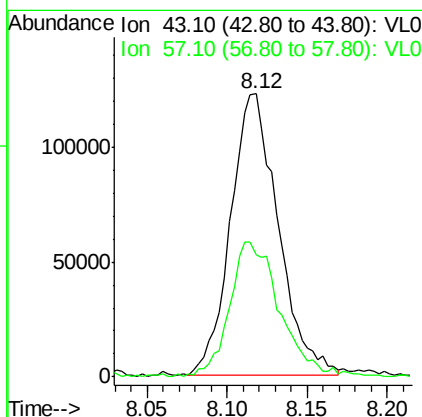
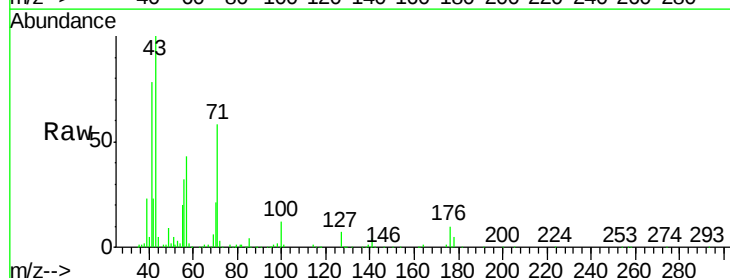
Manual Integrations
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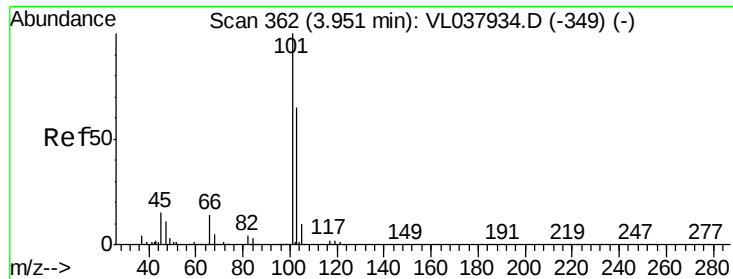
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#10
 Heptane
 Concen: 0.972 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion: 43 Resp: 249260
 Ion Ratio Lower Upper
 43 100
 57 51.8 39.8 59.8





#11

Trichlorofluoromethane

Concen: 1.044 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC001

Acq: 1 Nov 2021 10:40

Tgt Ion:1

Ion Ratio

101 100

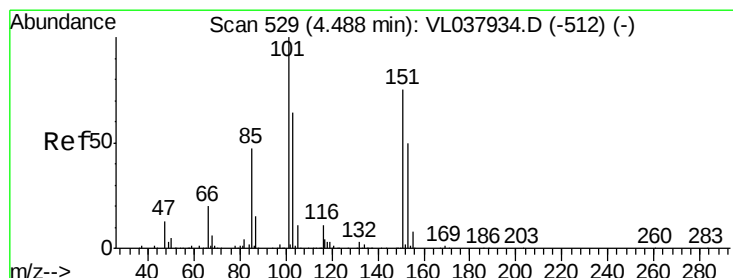
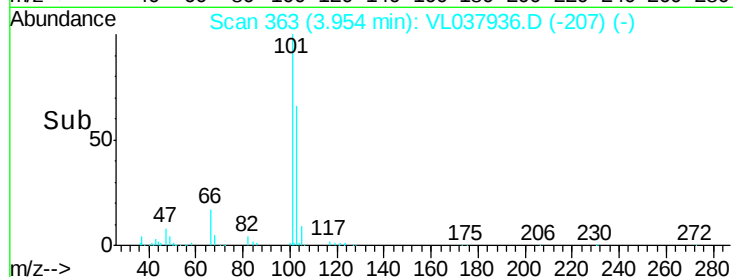
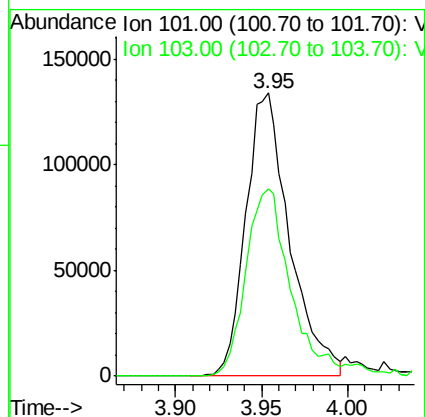
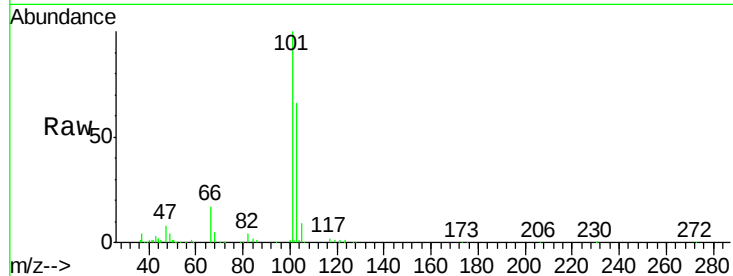
103 66.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#12

1,1,2-Trichlorotrifluoroethane

Concen: 1.039 ppbv

RT: 4.48 min Scan# 528

Delta R.T. -0.00 min

Lab File: VL037936.D

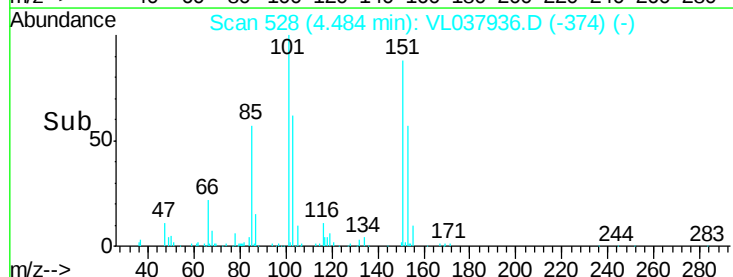
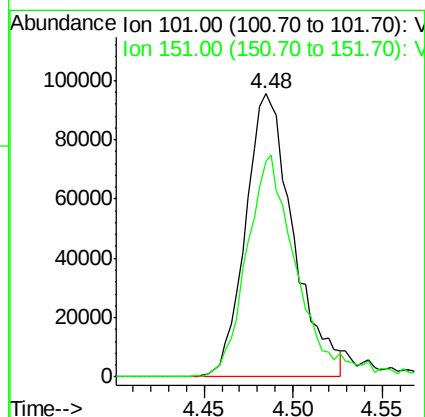
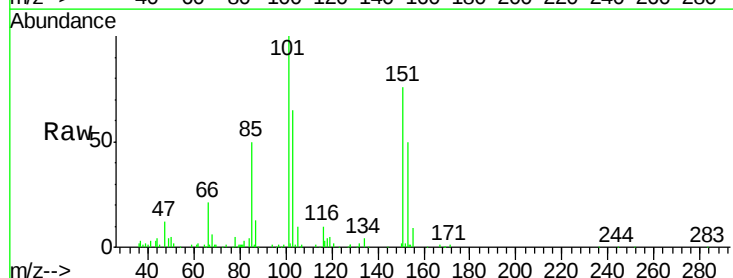
Acq: 1 Nov 2021 10:40

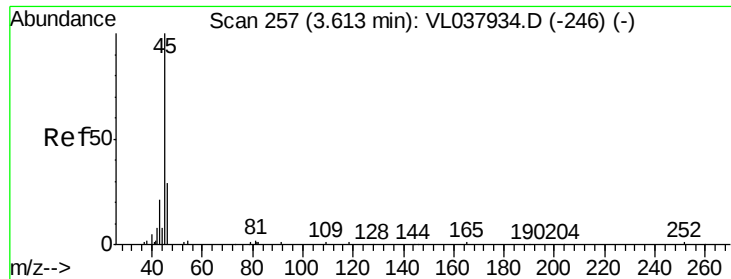
Tgt Ion:101 Resp: 179129

Ion Ratio Lower Upper

101 100

151 83.9 61.8 92.8



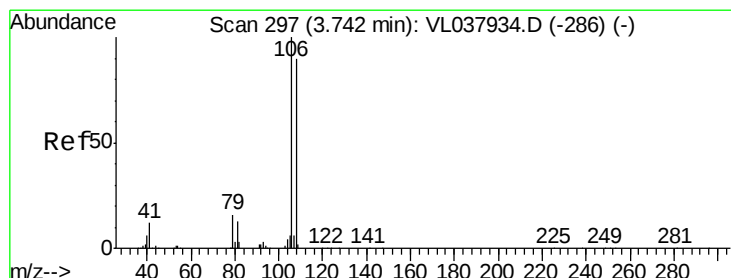
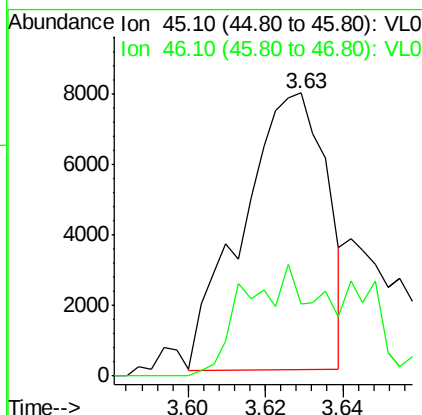
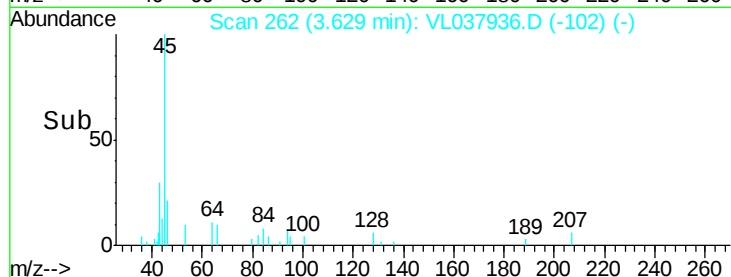
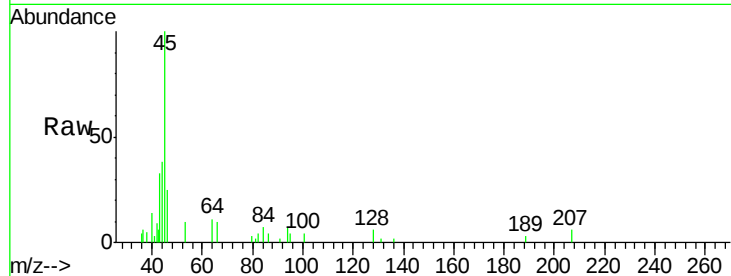


#13
Ethanol
Concen: 1.286 ppbv
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Nov 2021 10:40

Tgt Ion:
Ion Ratio
45 100
46 57.

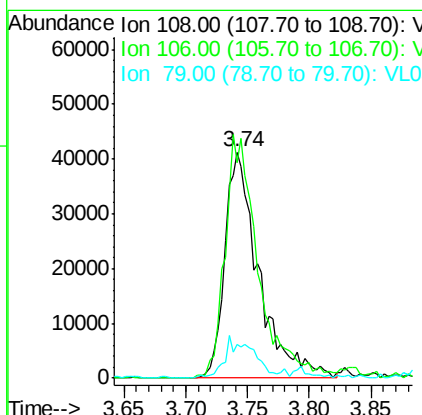
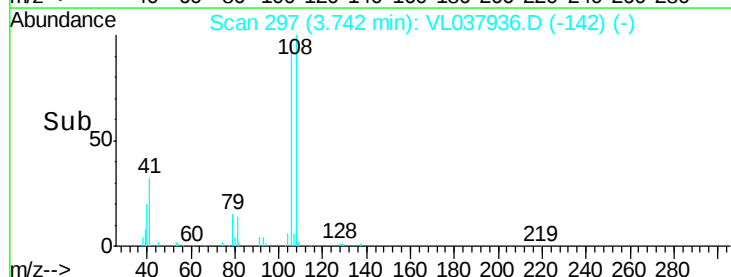
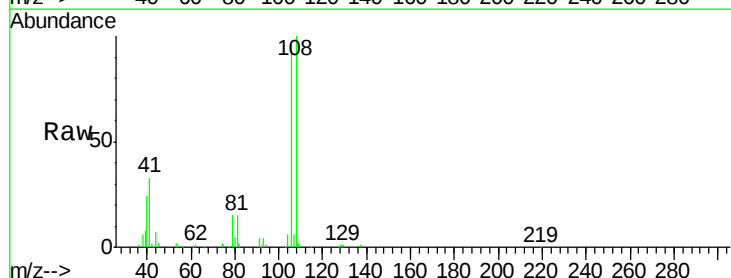
Manual Integrations
APPROVED

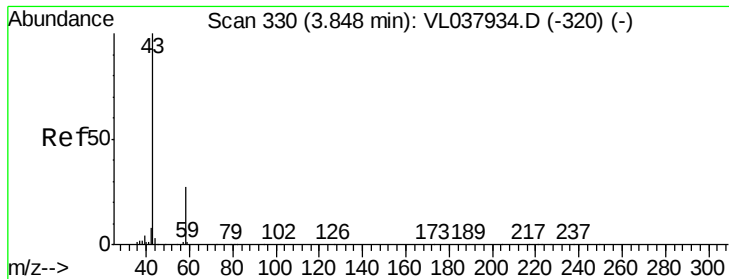
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Bromoethene
Concen: 1.042 ppbv m
RT: 3.74 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

Tgt Ion:108 Resp: 78969
Ion Ratio Lower Upper
108 100
106 105.7 88.4 132.6
79 16.3 12.4 18.6





#15

Acetone

Concen: 1.064 ppbv m

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:

Ion Ratio

43 100

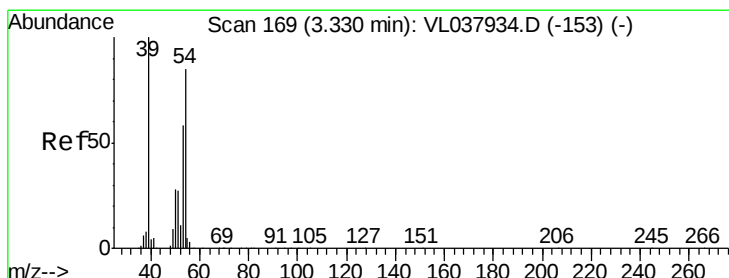
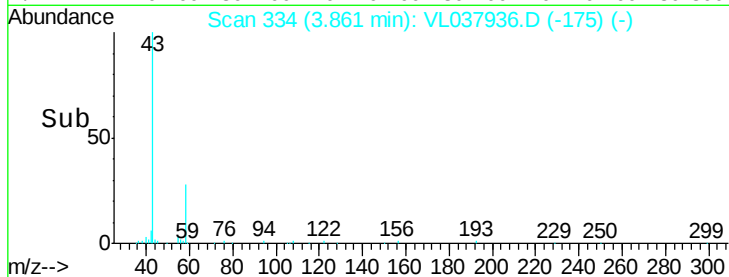
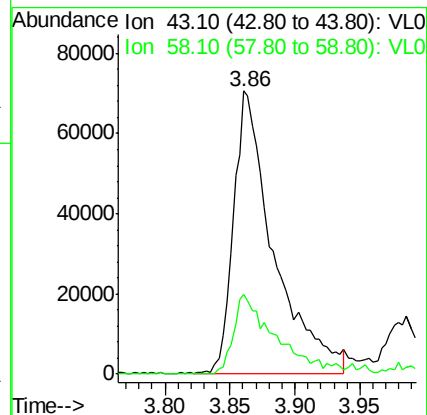
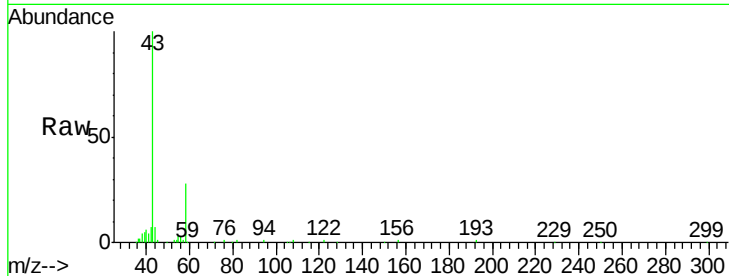
58 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#16

1,3-Butadiene

Concen: 0.991 ppbv

RT: 3.33 min Scan# 169

Delta R.T. -0.00 min

Lab File: VL037936.D

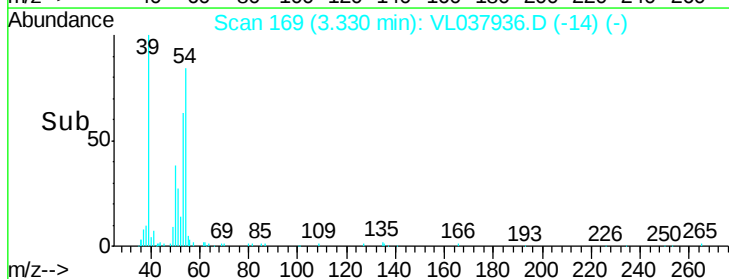
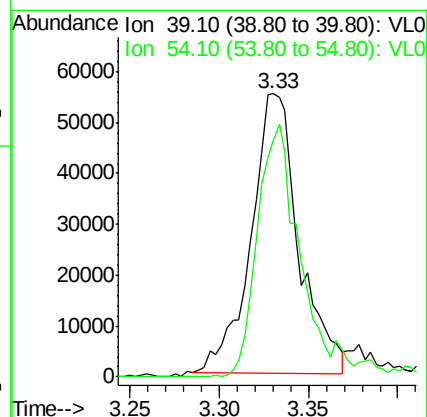
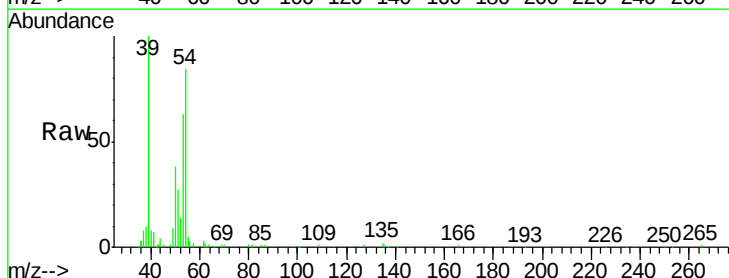
Acq: 1 Nov 2021 10:40

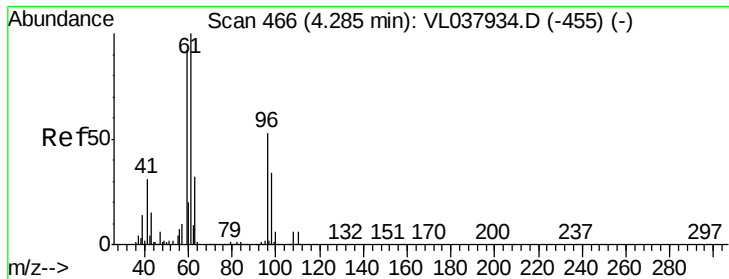
Tgt Ion: 39 Resp: 103334

Ion Ratio Lower Upper

39 100

54 83.6 62.6 93.8





#17

tert-Butyl alcohol

Concen: 0.942 ppbv m

RT: 4.31 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:

Ion Ratio

59 100

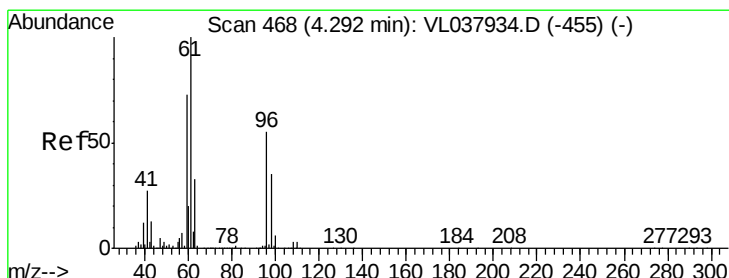
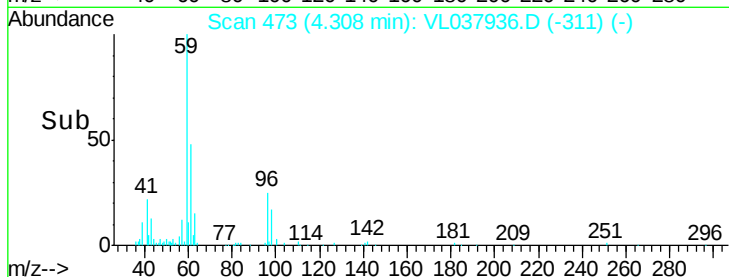
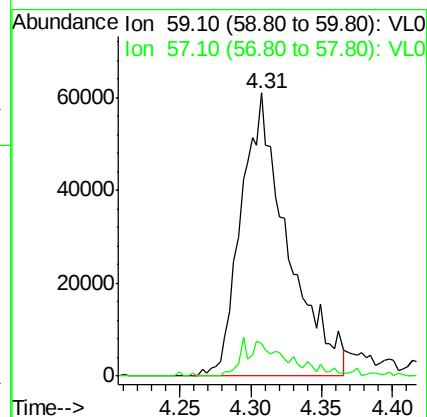
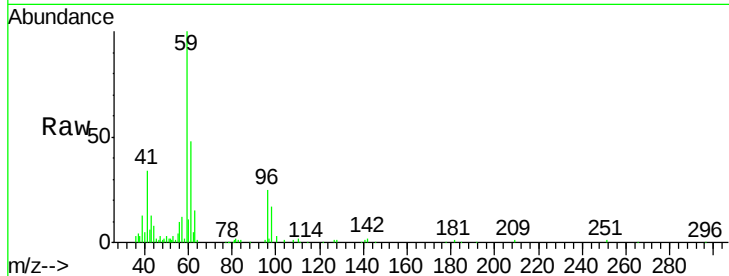
57 12.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#18

1,1-Dichloroethene

Concen: 1.084 ppbv m

RT: 4.29 min Scan# 468

Delta R.T. -0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

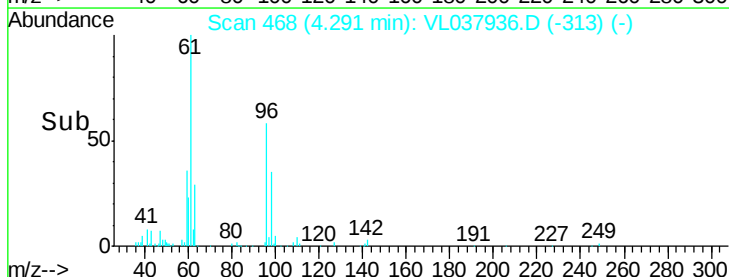
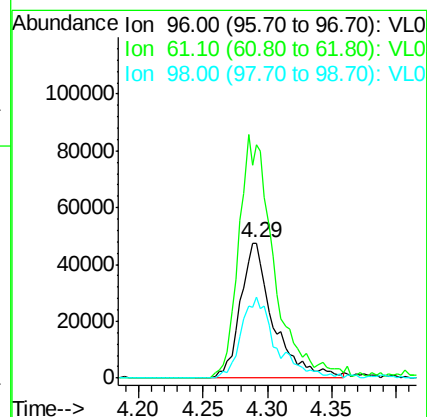
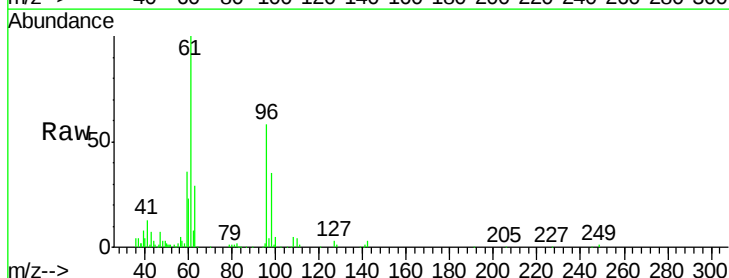
Tgt Ion: 96 Resp: 84909

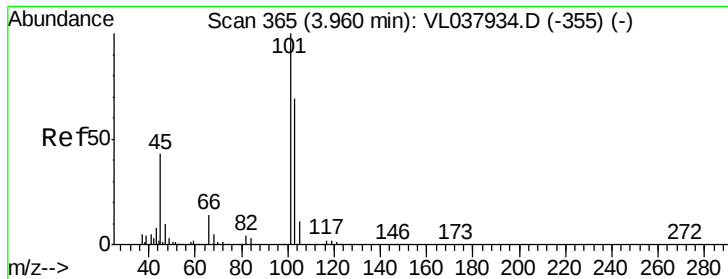
Ion Ratio Lower Upper

96 100

61 173.0 144.3 216.5

98 60.2 50.5 75.7





#19

Isopropyl Alcohol

Concen: 1.044 ppbv m

RT: 3.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:

Ion Ratio

45 100

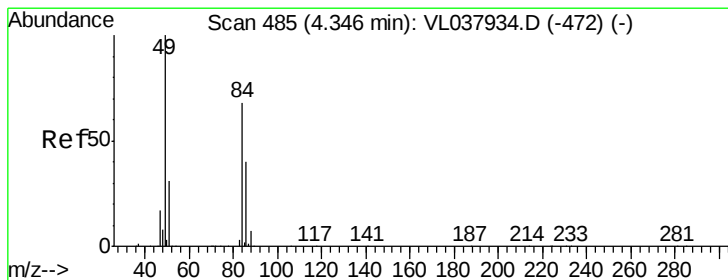
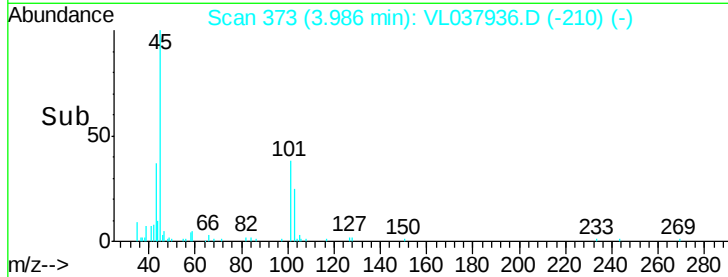
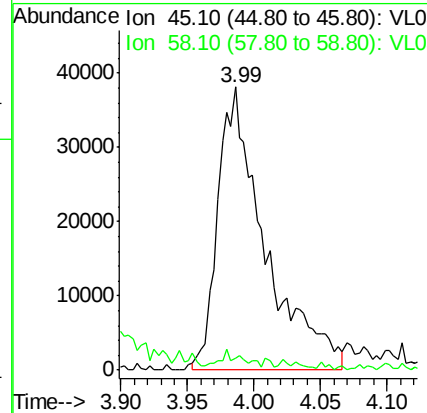
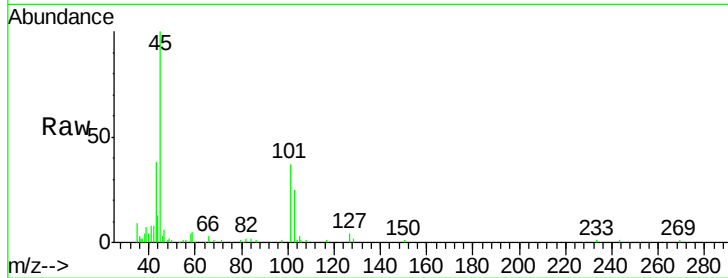
58 6.

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Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#20

Methylene Chloride

Concen: 1.030 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

Tgt Ion: 84 Resp: 74616

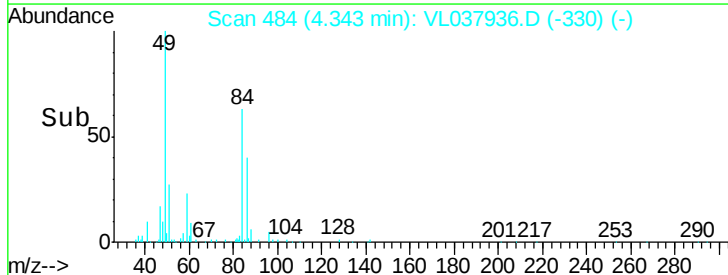
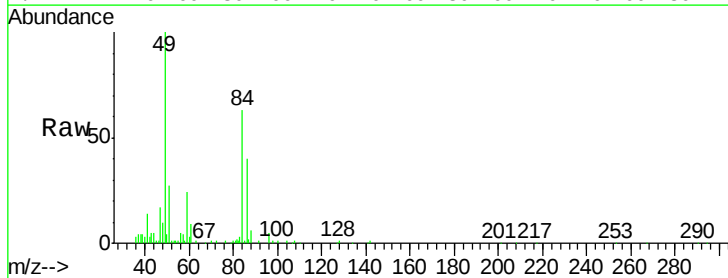
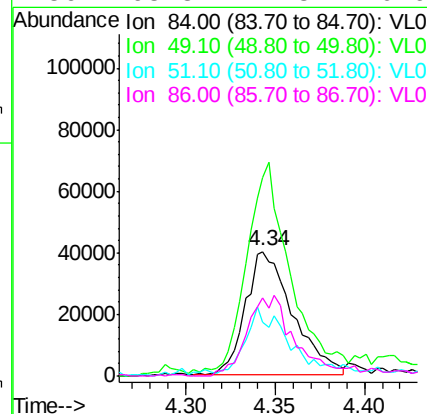
Ion Ratio Lower Upper

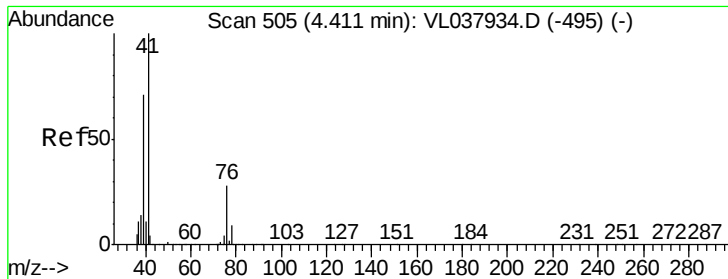
84 100

49 155.2 117.5 176.3

51 40.6 35.9 53.9

86 63.8 47.3 70.9



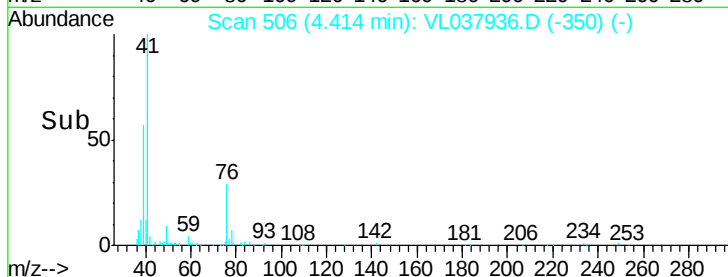
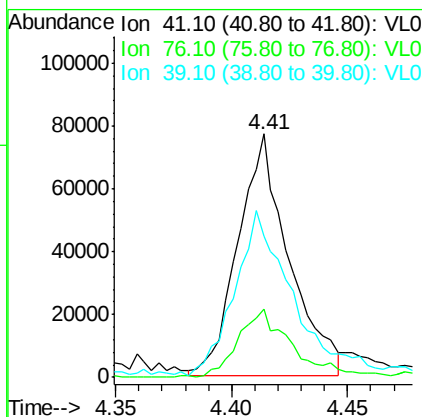
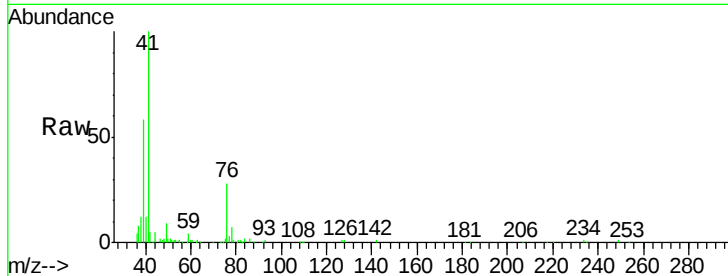


#21
 Allyl Chloride
 Concen: 0.927 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 1 Nov 2021 10:40

Tgt Ion:
 Ion Ratio
 41 100
 76 31.
 39 84.

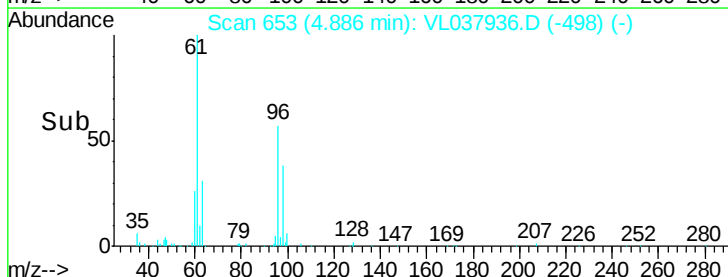
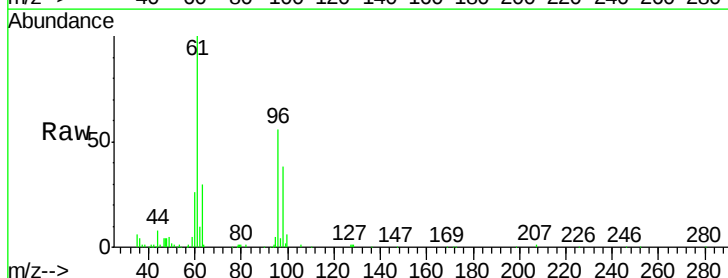
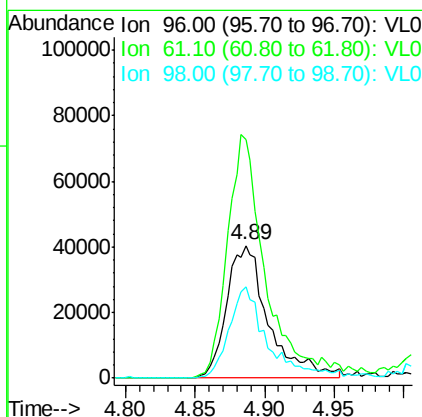
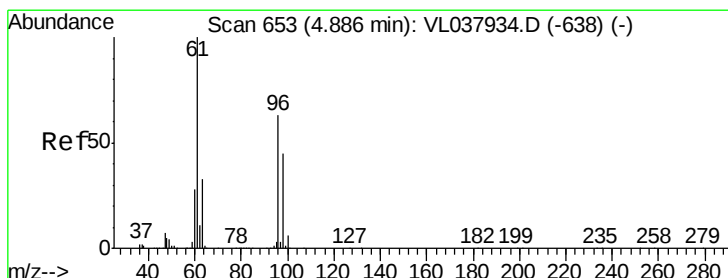
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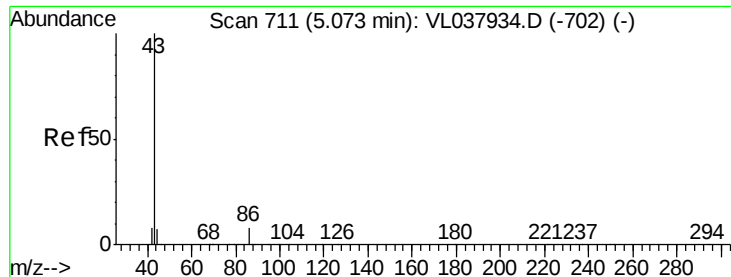
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#22
 trans-1,2-Dichloroethene
 Concen: 1.070 ppbv m
 RT: 4.89 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion: 96 Resp: 84304
 Ion Ratio Lower Upper
 96 100
 61 179.2 127.8 191.6
 98 68.7 56.9 85.3



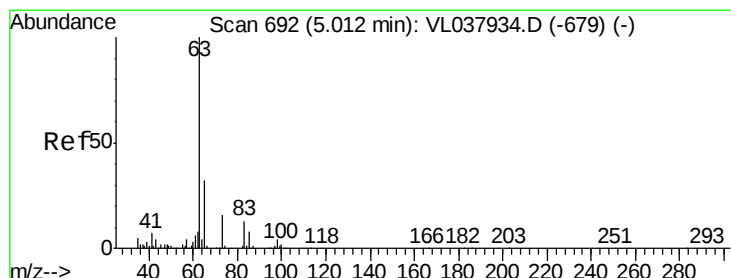
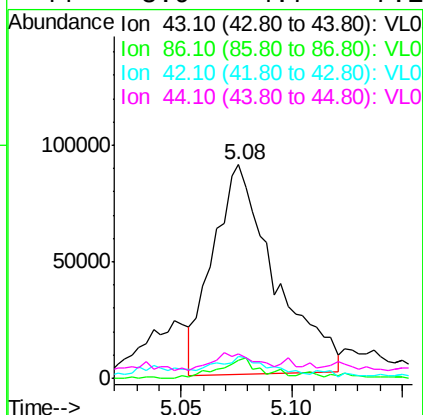
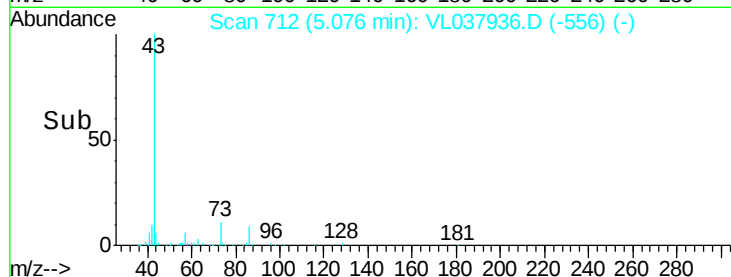
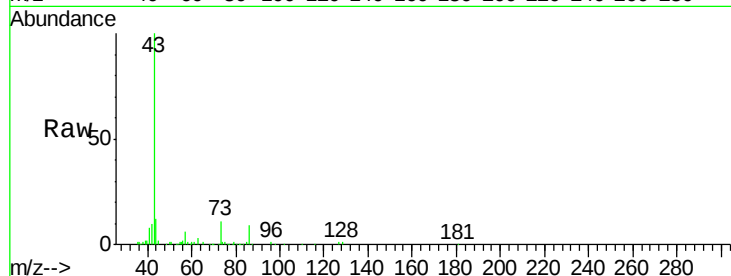


#23
 Vinyl Acetate
 Concen: 0.814 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VSTDIC001
 Acq: 1 Nov 2021 10:40

Tgt Ion: 43
 Ion Ratio: 100
 86 9.
 42 10.
 44 8.9 4.7 7.1#

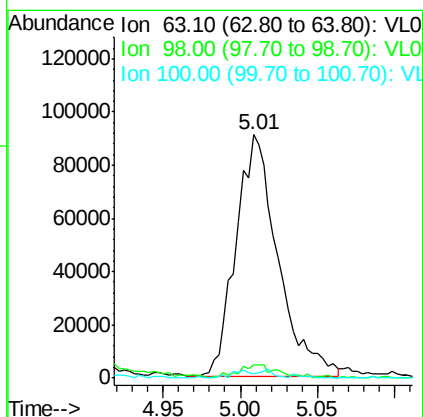
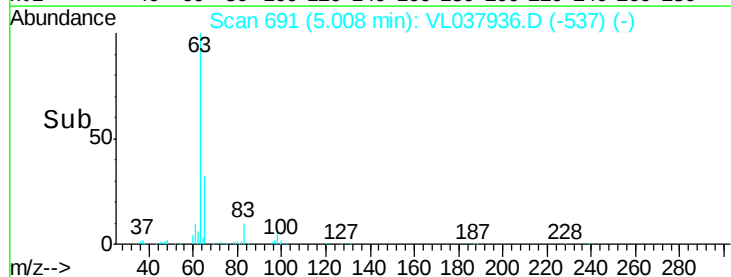
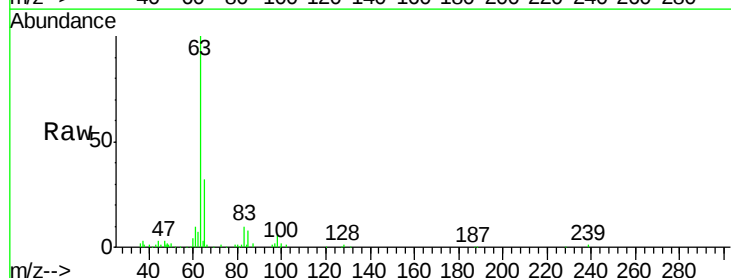
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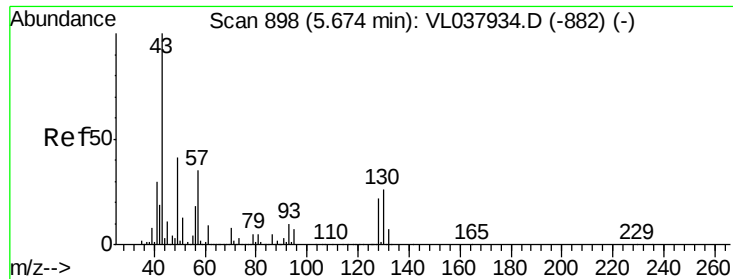
APPROVED
 Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#24
 1,1-Dichloroethane
 Concen: 1.103 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion: 63
 Ion Ratio: 100
 98 5.7 2.3 6.9
 100 1.6 1.2 3.6



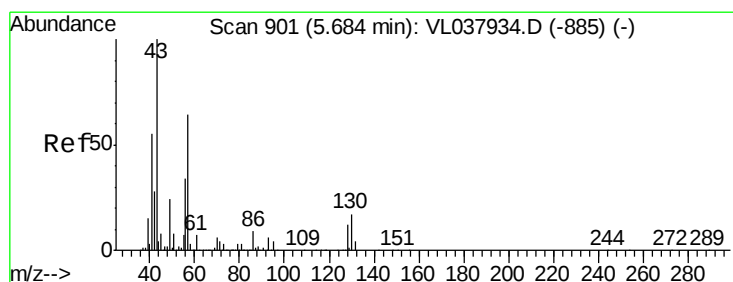
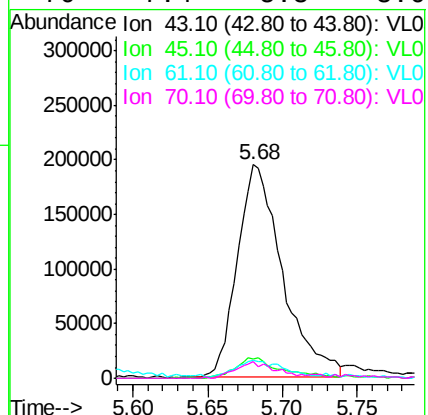
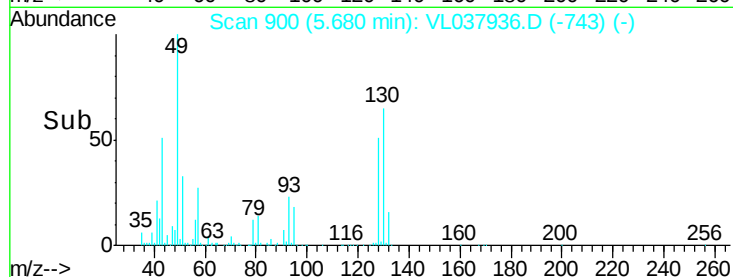
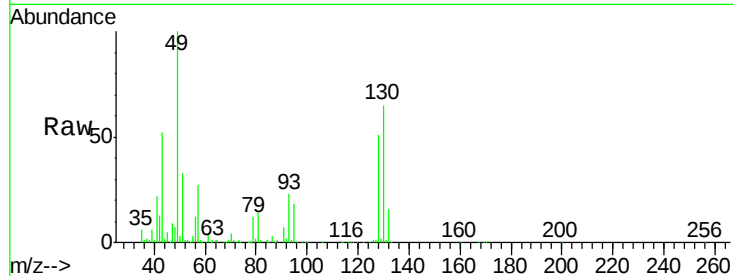


#25
Ethyl Acetate
Concen: 1.020 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC001
Acq: 1 Nov 2021 10:40

Tgt Ion:
Ion Ratio
43 100
45 10.
61 9.
70 7.4 5.8 8.6

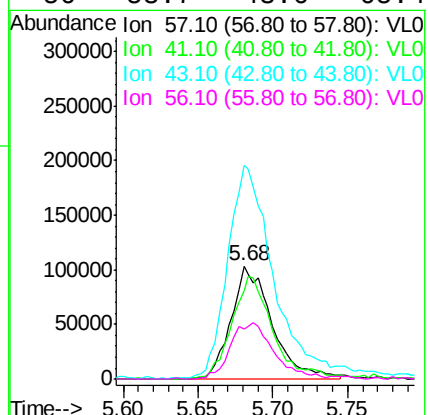
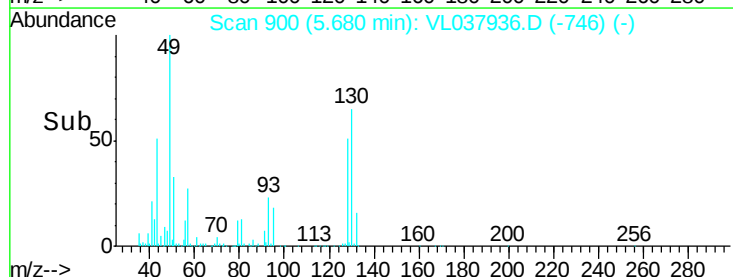
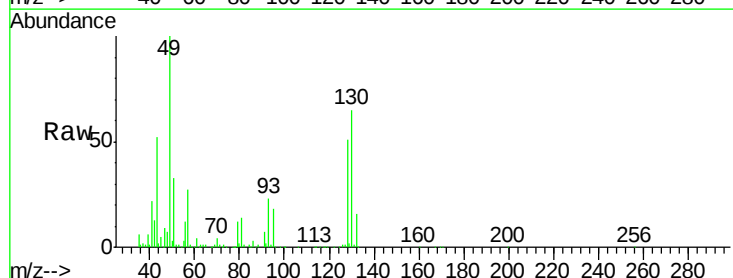
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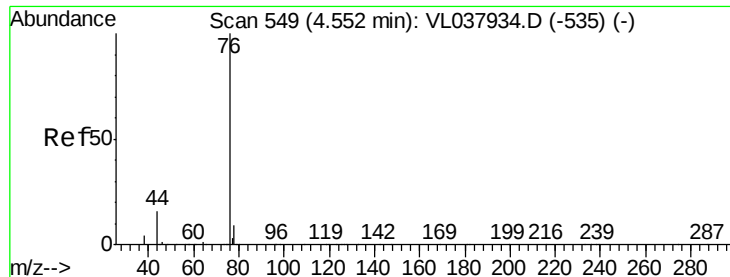
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#26
Hexane
Concen: 0.995 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

Tgt Ion: 57 Resp: 197002
Ion Ratio Lower Upper
57 100
41 93.4 71.0 106.6
43 220.7 173.0 259.6
56 53.7 43.6 65.4





#27

Carbon Disulfide

Concen: 1.003 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:

Ion Ratio

76 100

44 20.

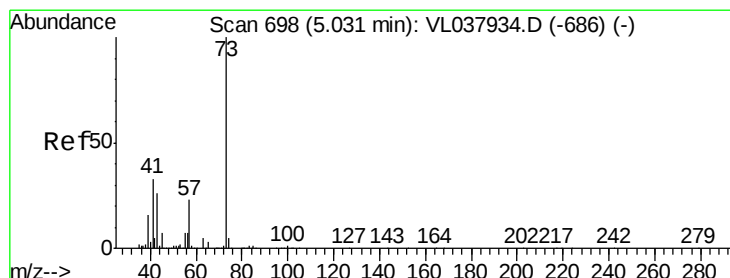
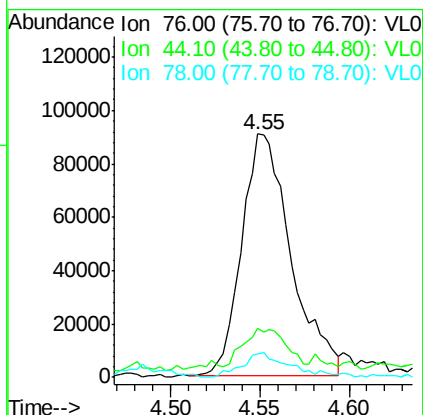
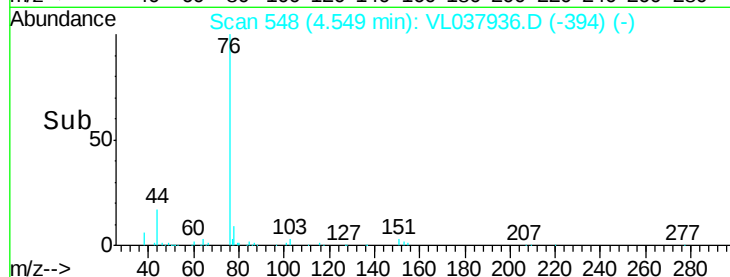
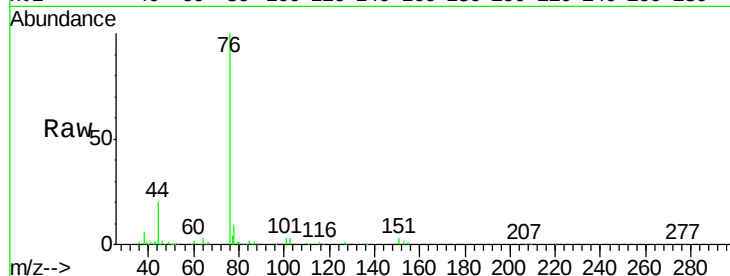
78 9.

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Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#28

Methyl tert-Butyl Ether

Concen: 1.008 ppbv m

RT: 5.05 min Scan# 703

Delta R.T. 0.02 min

Lab File: VL037936.D

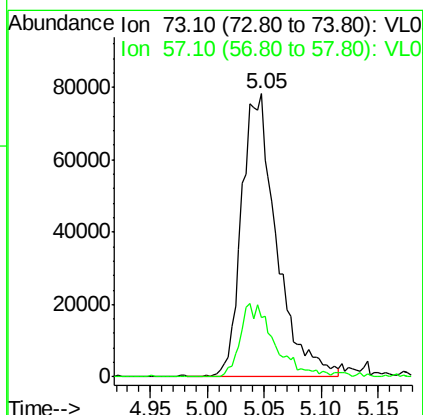
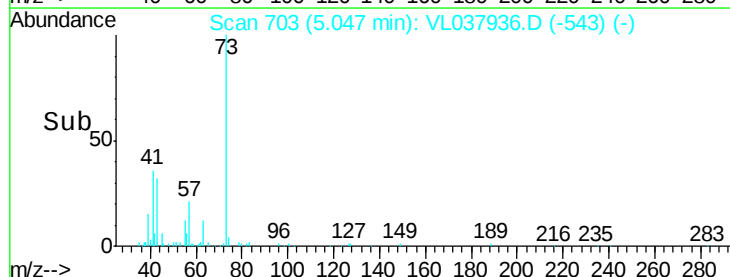
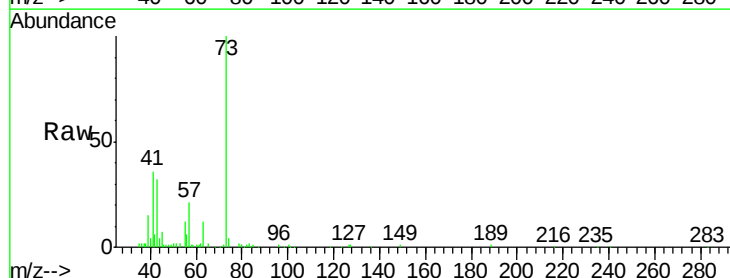
Acq: 1 Nov 2021 10:40

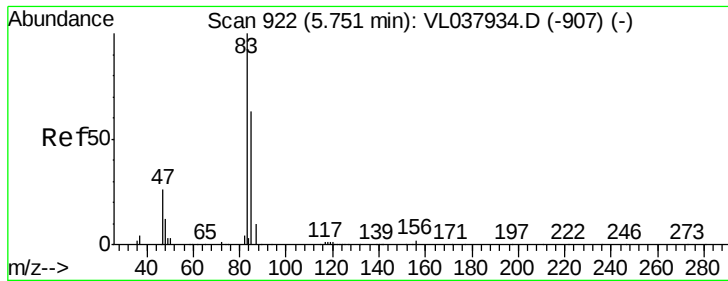
Tgt Ion: 73 Resp: 166225

Ion Ratio Lower Upper

73 100

57 26.5 20.1 30.1



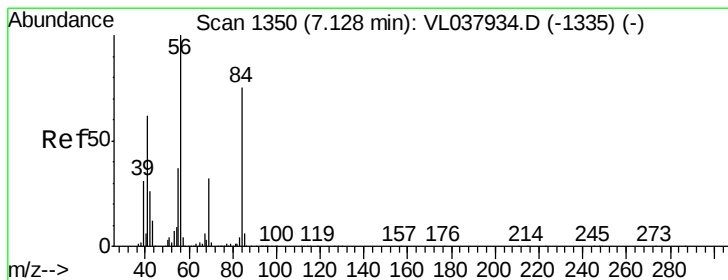
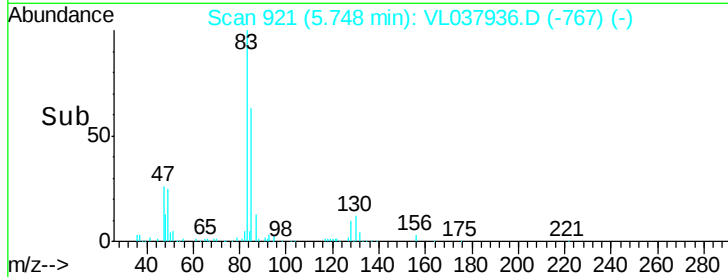
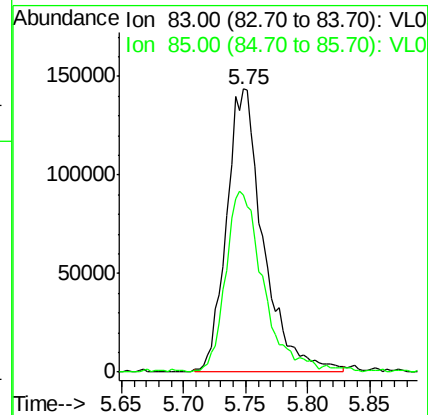
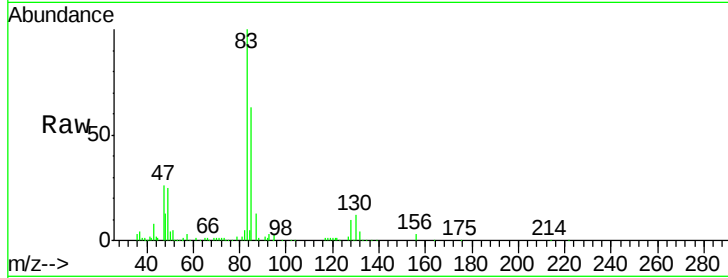


#29
Chloroform
Concen: 1.051 ppbv m
RT: 5.75
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 1 Nov 2021 10:40

Tgt Ion:
Ion Ratio
83 100
85 62.

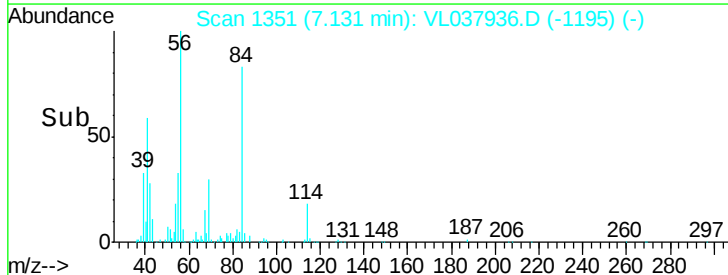
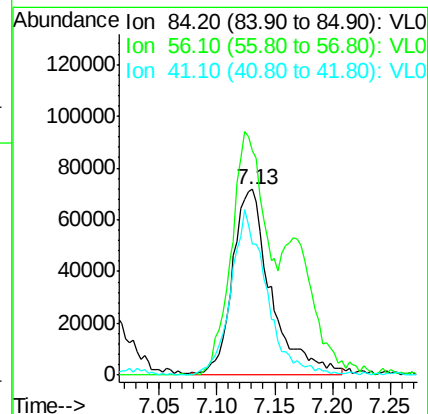
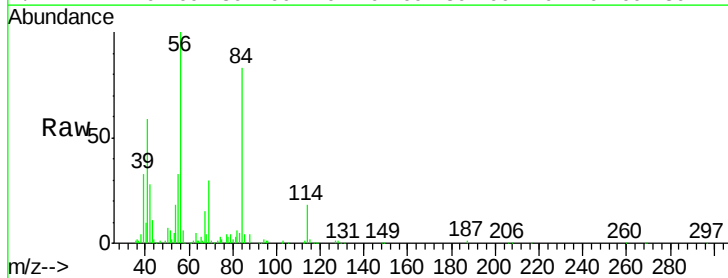
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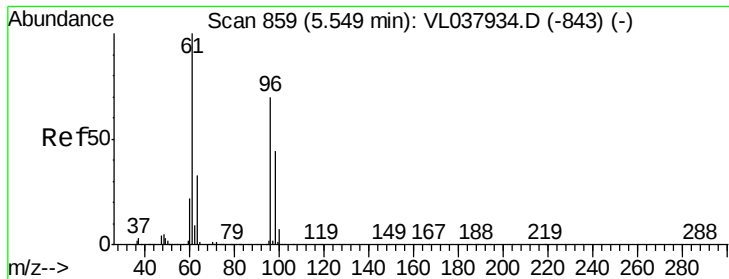
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#30
Cyclohexane
Concen: 0.992 ppbv m
RT: 7.13 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

Tgt Ion: 84 Resp: 166671
Ion Ratio Lower Upper
84 100
56 181.5 114.0 171.0#
41 82.0 68.3 102.5





#31

cis-1,2-Dichloroethene

Concen: 0.970 ppbv m

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:

Ion Ratio

61 100

96 64.

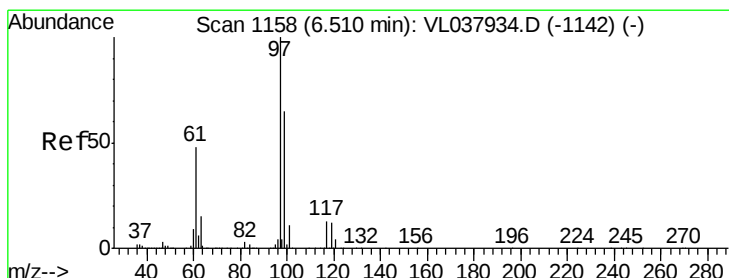
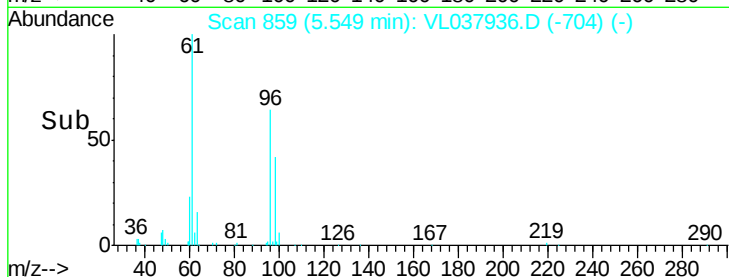
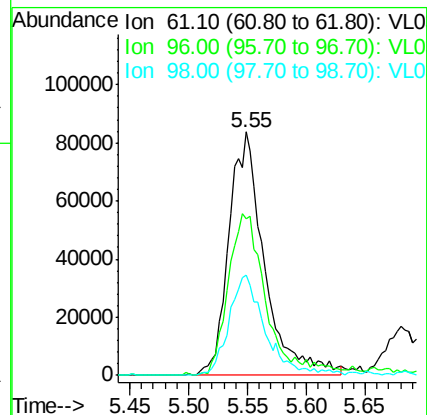
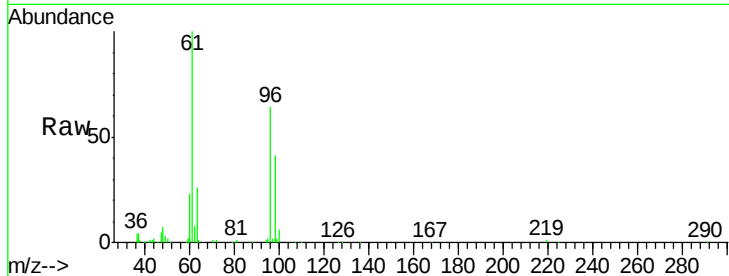
98 41.

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Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#32

1,1,1-Trichloroethane

Concen: 1.003 ppbv m

RT: 6.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

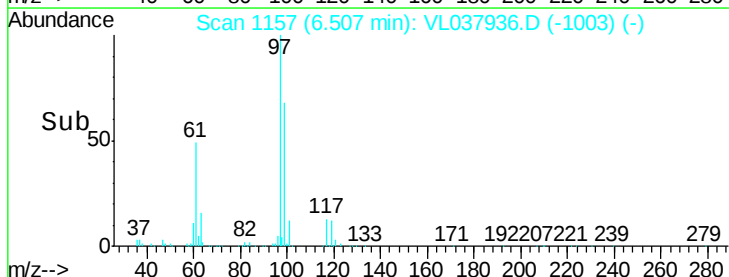
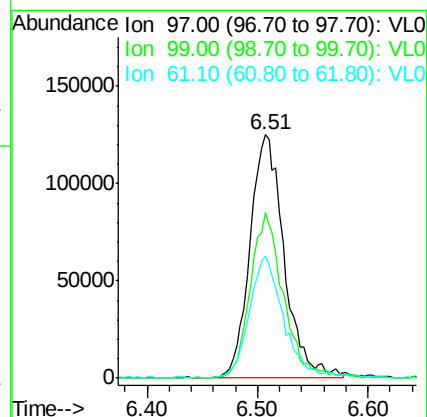
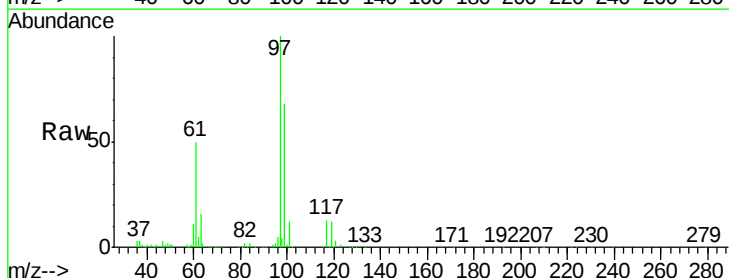
Tgt Ion: 97 Resp: 269261

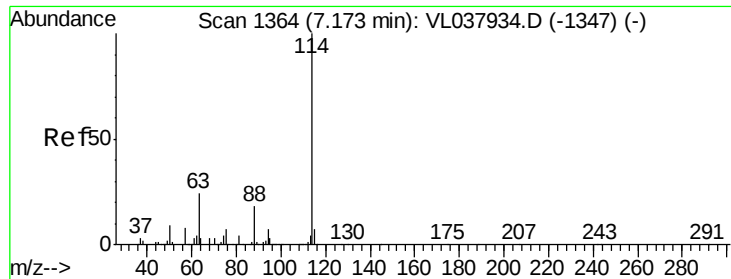
Ion Ratio Lower Upper

97 100

99 66.1 52.2 78.4

61 51.0 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Nov 2021 10:40

Tgt Ion: 114

Ion Ratio: 100

63 24

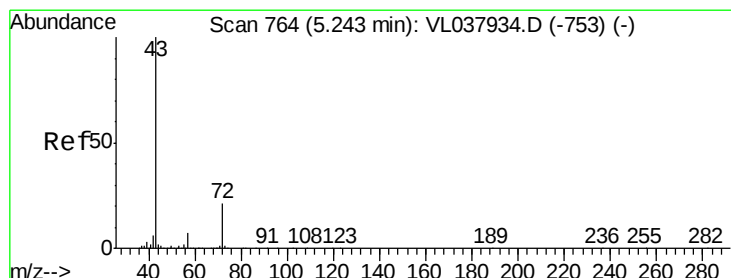
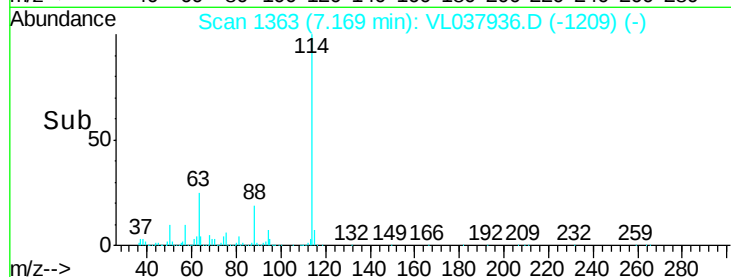
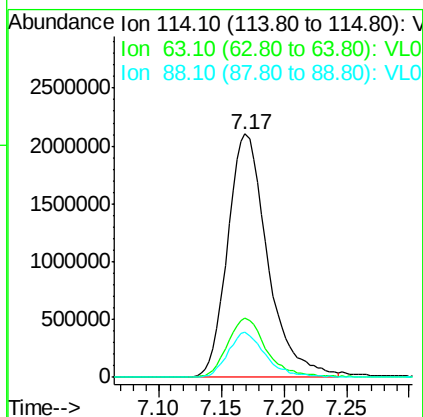
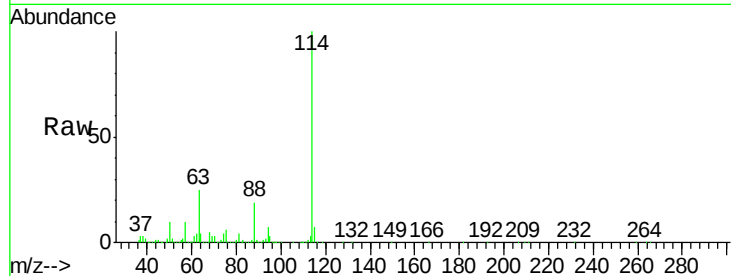
88 17

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Reviewed By : Semsettin Yesilyurt 11/05/2021

Supervised By : Mahesh Dadoda 11/10/2021



#34

2-Butanone

Concen: 1.017 ppbv m

RT: 5.25 min Scan# 766

Delta R.T. 0.01 min

Lab File: VL037936.D

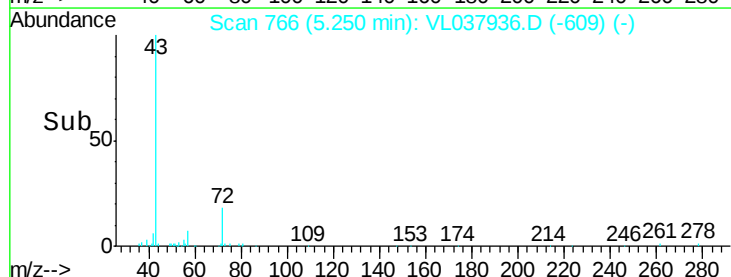
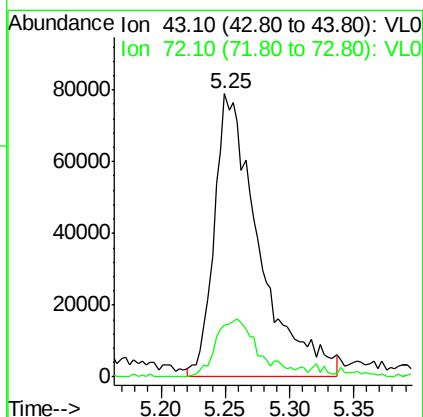
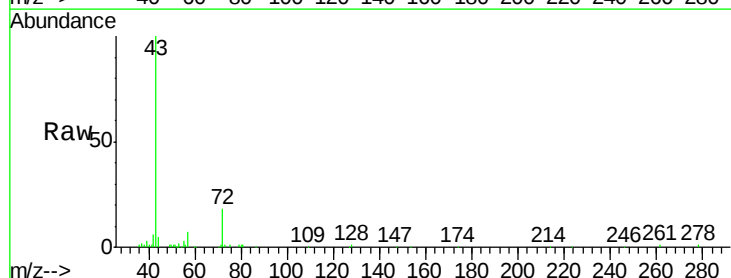
Acq: 1 Nov 2021 10:40

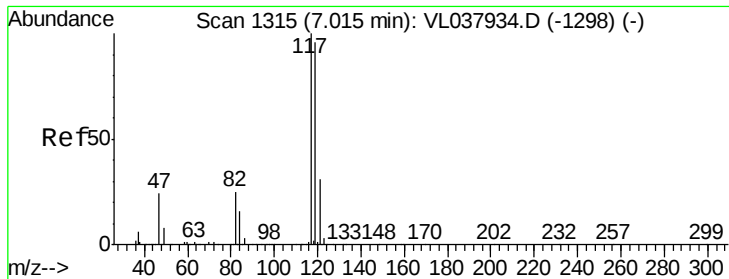
Tgt Ion: 43 Resp: 191725

Ion Ratio Lower Upper

43 100

72 22.5 18.3 27.5



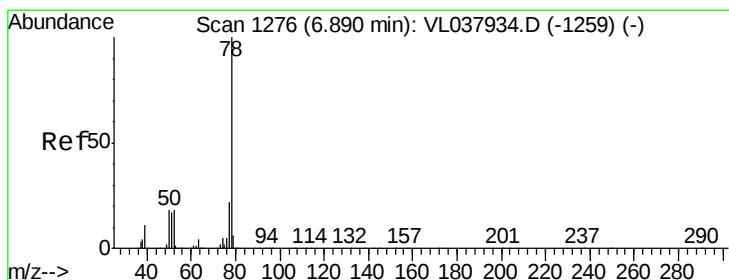
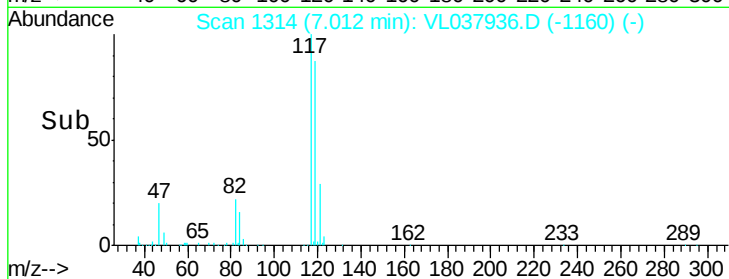
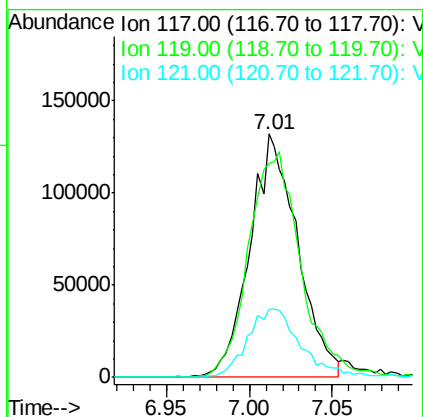
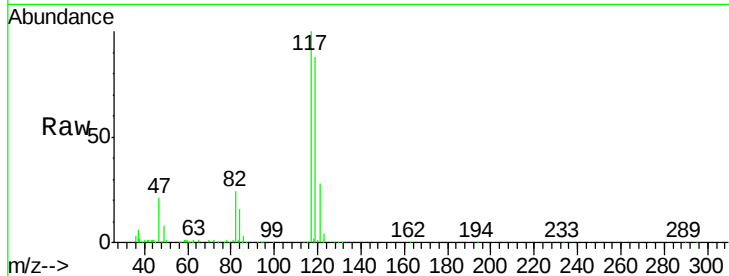


#35
Carbon Tetrachloride
Concen: 0.997 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC001
Acq: 1 Nov 2021 10:40

Tgt Ion: 117
Ion Ratio: 100
117 100
119 88.
121 28.

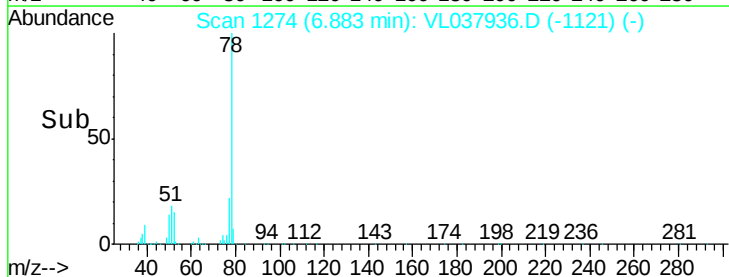
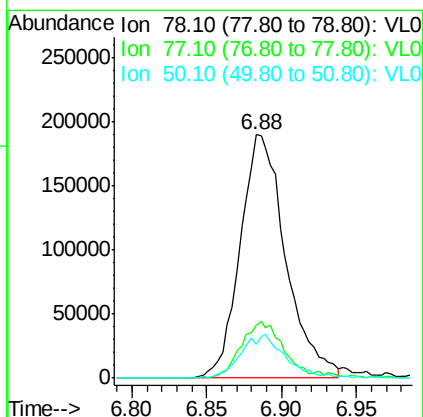
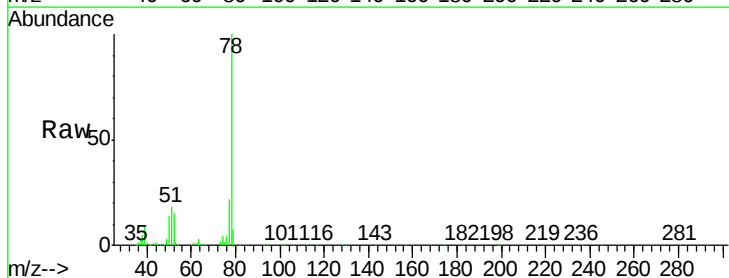
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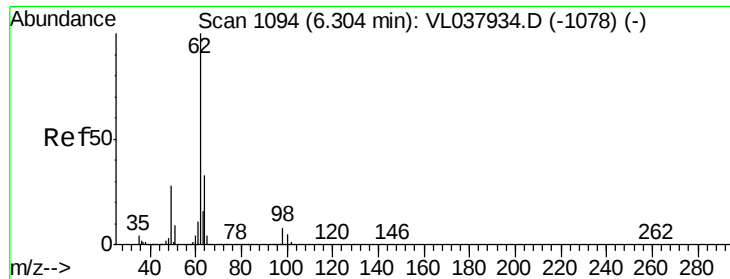
Reviewed By : Semsettin Yesilyurt 11/05/2021
Supervised By : Mahesh Dadoda 11/10/2021



#36
Benzene
Concen: 1.007 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

Tgt Ion: 78 Resp: 401480
Ion Ratio Lower Upper
78 100
77 21.7 17.9 26.9
50 13.5 14.4 21.6#



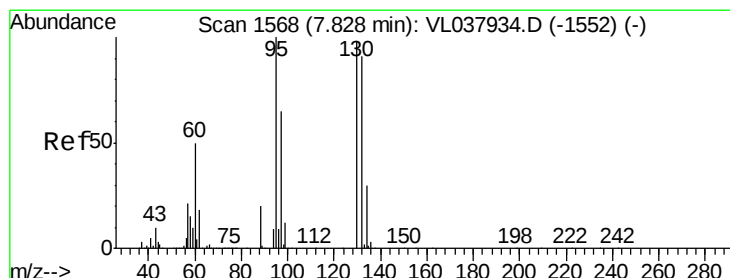
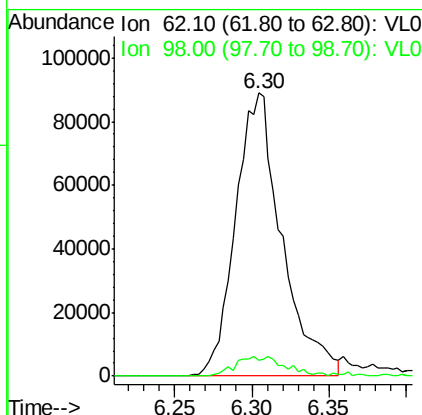
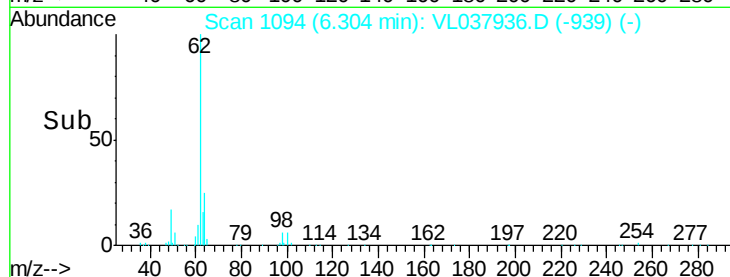
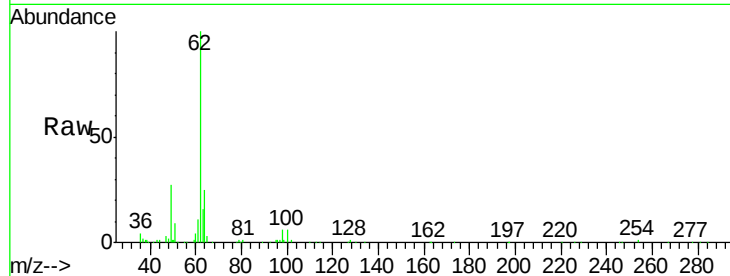


#37
 1,2-Dichloroethane
 Concen: 0.983 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 1 Nov 2021 10:40

Tgt Ion:
 Ion Ratio
 62 100
 98 8.

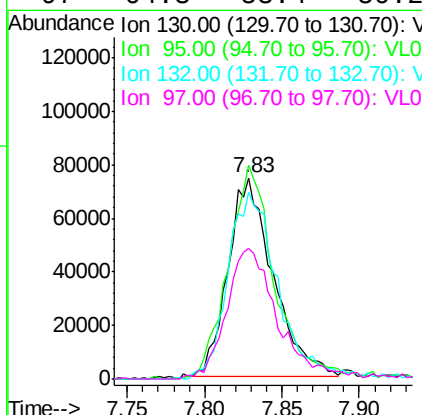
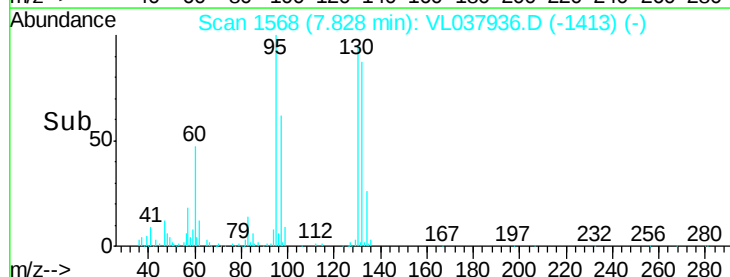
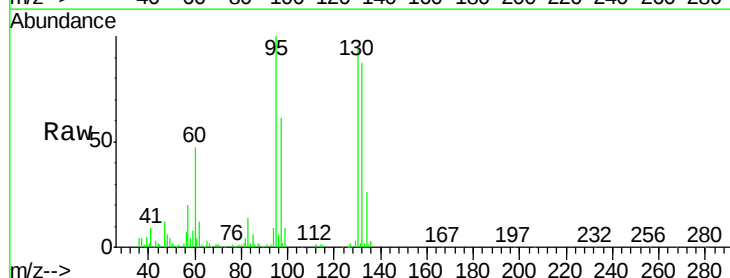
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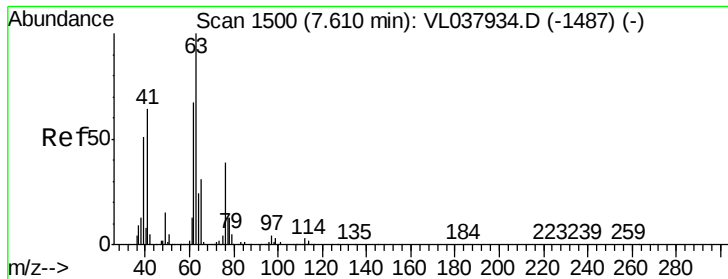
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#38
 Trichloroethene
 Concen: 0.949 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion:130 Resp: 149405
 Ion Ratio Lower Upper
 130 100
 95 106.4 81.8 122.8
 132 93.6 74.2 111.2
 97 64.3 53.4 80.2



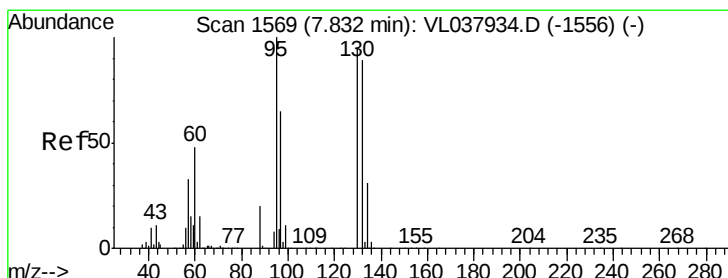
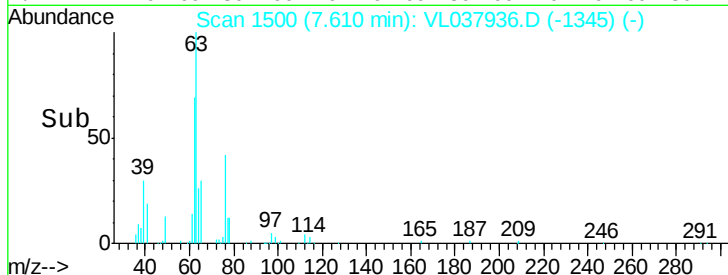
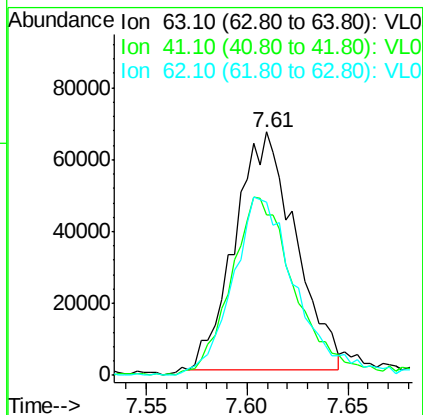
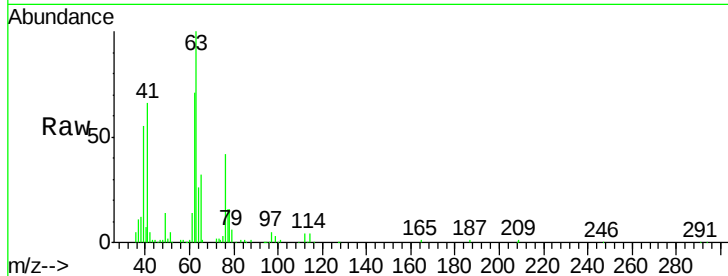


#39
 1,2-Dichloropropane
 Concen: 0.926 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Nov 2021 10:40

Tgt Ion:
 Ion Ratio
 63 100
 41 65.
 62 70.

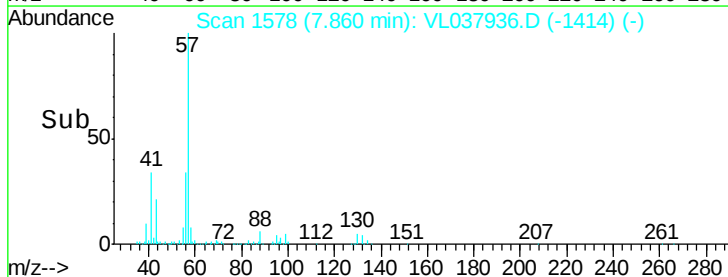
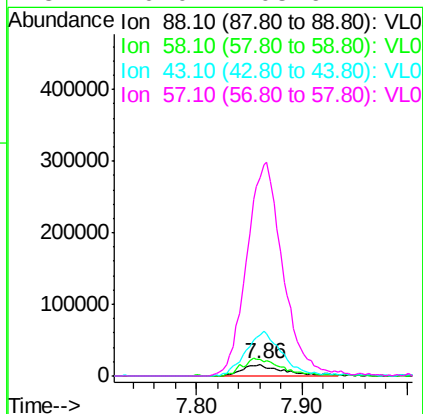
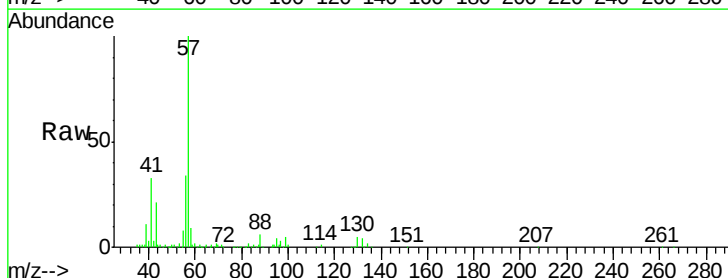
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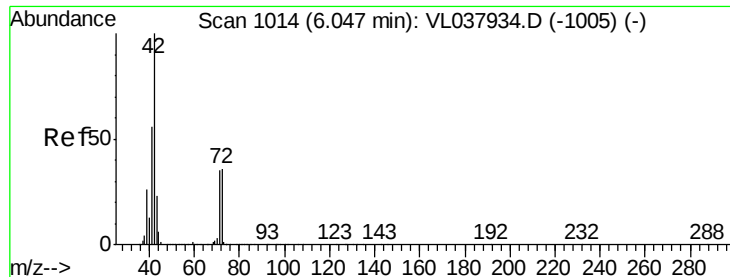
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#40
 1,4-Dioxane
 Concen: 1.159 ppbv m
 RT: 7.86 min Scan# 1578
 Delta R.T. 0.03 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion: 88 Resp: 43484
 Ion Ratio Lower Upper
 88 100
 58 0.0 129.1 193.7#
 43 0.0 313.2 469.8#
 57 0.0 1408.6 2112.8#





#41

Tetrahydrofuran

Concen: 0.916 ppbv m

RT: 6.07 Instrument: MSVOA_1

Delta R.T. -0.01

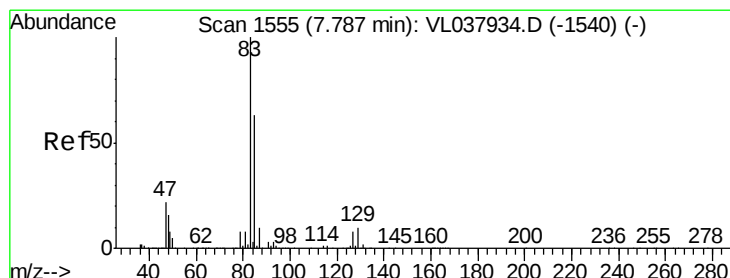
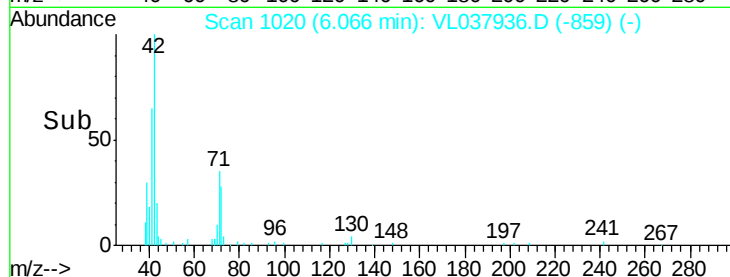
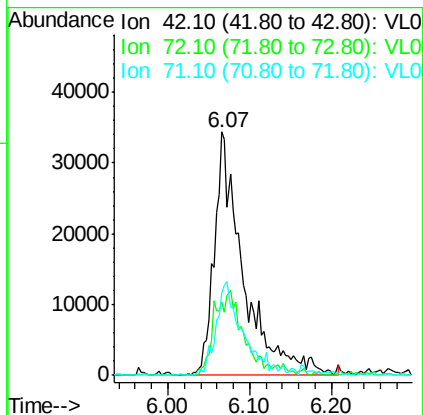
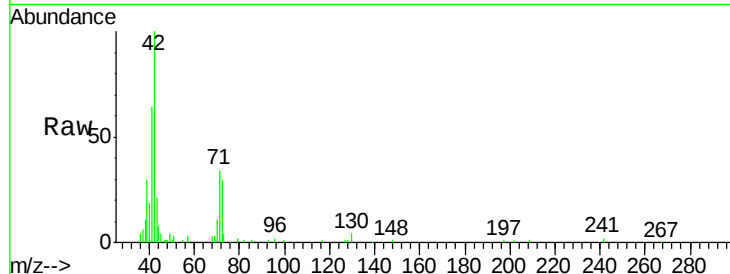
Lab File: ClientSampleId: VSTDIC001

Acq: 1 Nov 2021 10:40

Tgt Ion: 42
Ion Ratio: 100
72 0.
71 0.

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Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42

Bromodichloromethane

Concen: 1.009 ppbv

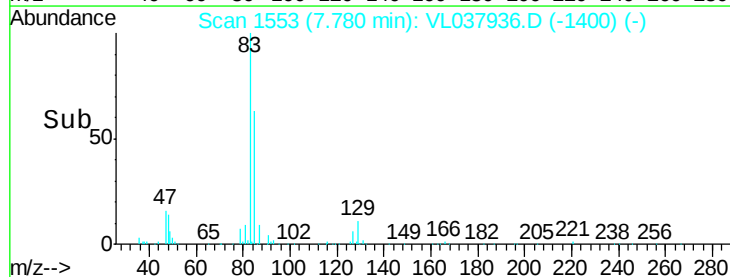
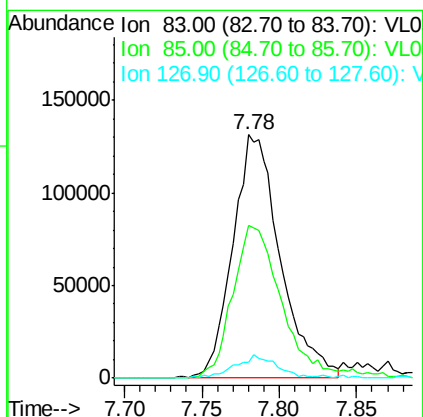
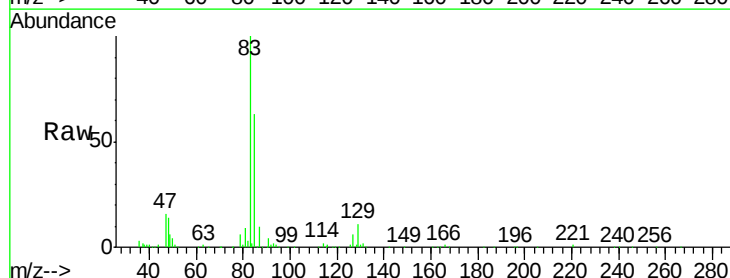
RT: 7.78 min Scan# 1553

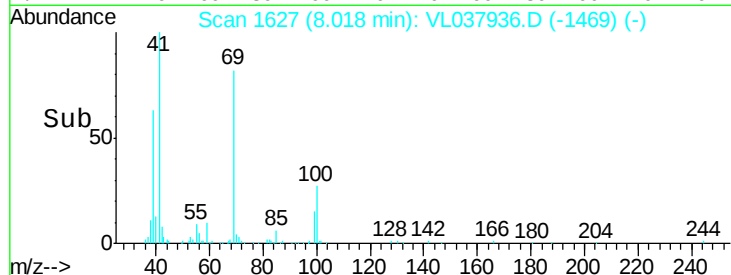
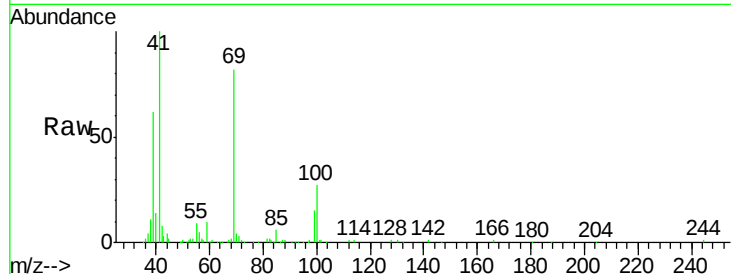
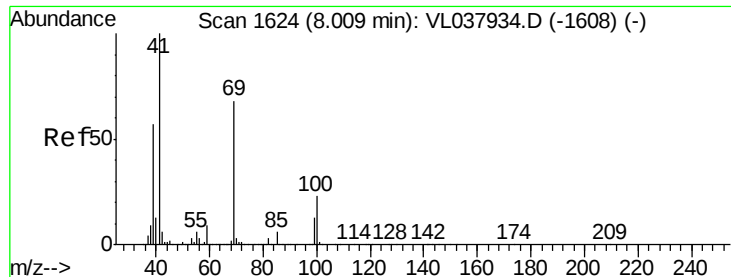
Delta R.T. -0.01 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

Tgt Ion: 83 Resp: 278311
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 5.9 6.1 9.1#





#43

Methyl Methacrylate

Concen: 0.950 ppbv m

RT: 8.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:

Ion Ratio

69 100

41 0.

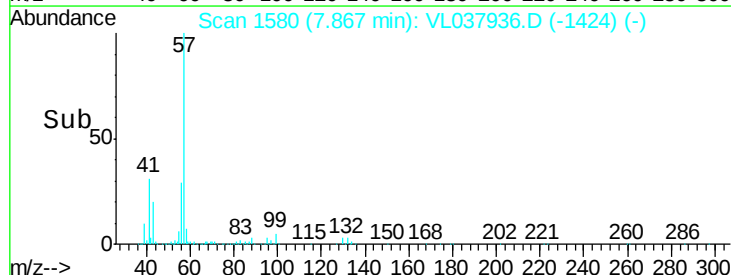
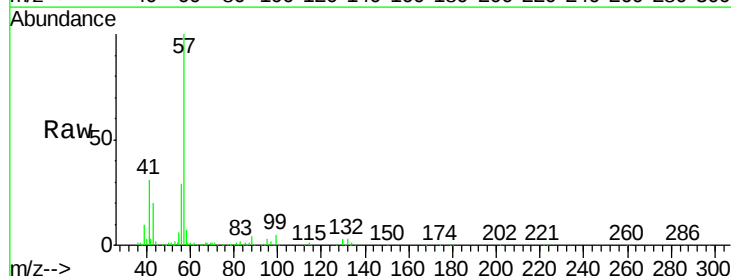
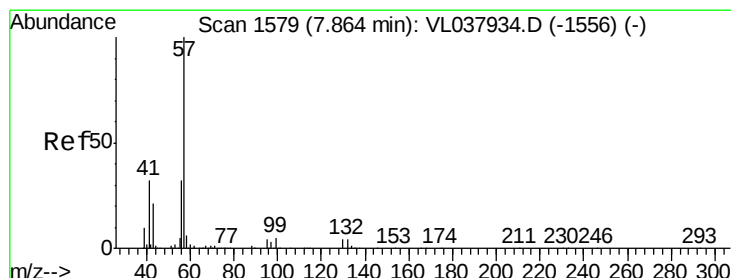
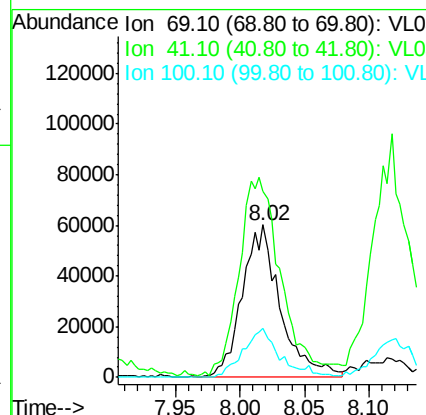
100 0.

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Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#44

2,2,4-Trimethylpentane

Concen: 1.050 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. 0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

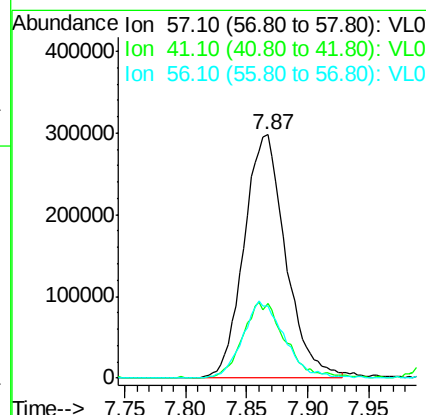
Tgt Ion: 57 Resp: 703521

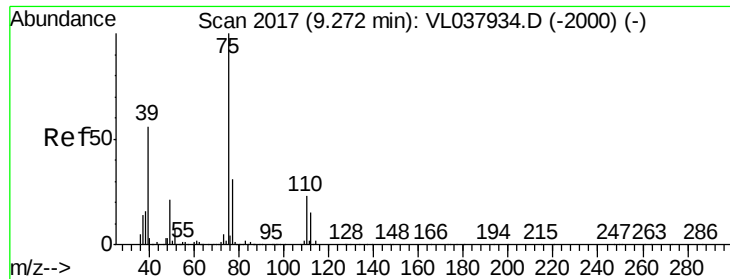
Ion Ratio Lower Upper

57 100

41 32.2 25.8 38.8

56 31.6 25.9 38.9



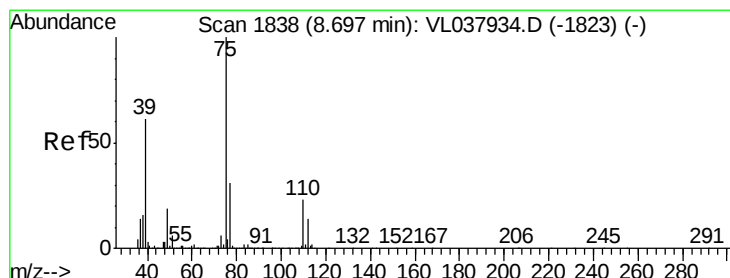
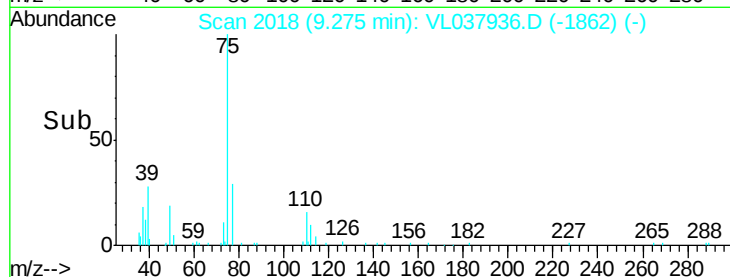
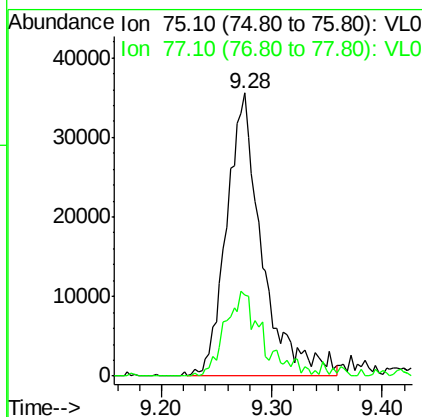
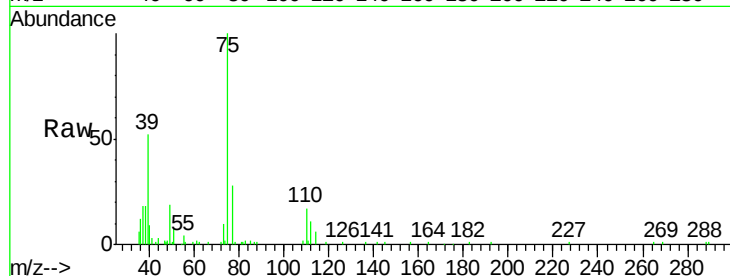


#45
 t-1,3-Dichloropropene
 Concen: 0.890 ppbv m
 RT: 9.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 1 Nov 2021 10:40

Tgt Ion:
 Ion Ratio
 75 100
 77 28.

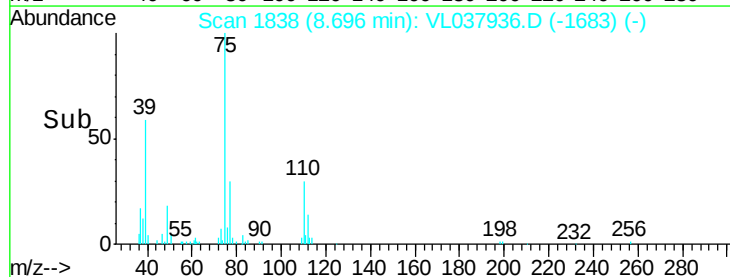
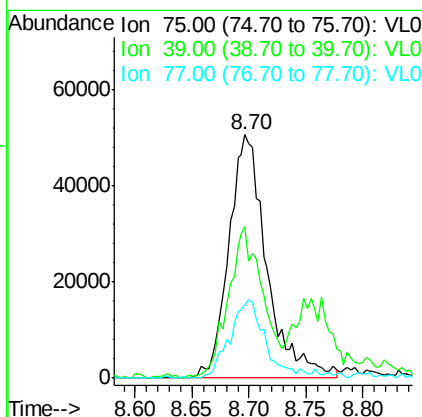
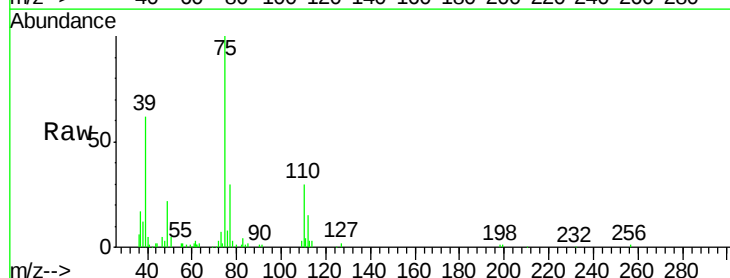
Manual Integrations
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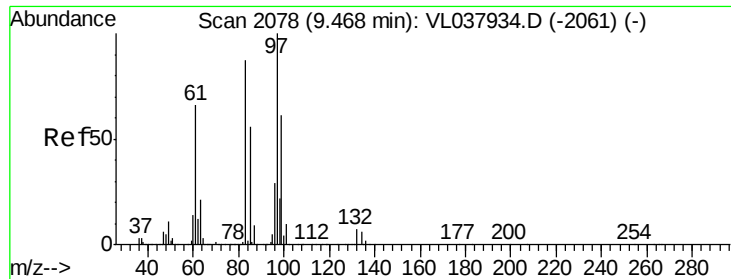
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#46
 cis-1,3-Dichloropropene
 Concen: 0.944 ppbv m
 RT: 8.70 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion: 75 Resp: 117213
 Ion Ratio Lower Upper
 75 100
 39 62.0 48.8 73.2
 77 30.3 24.6 36.8



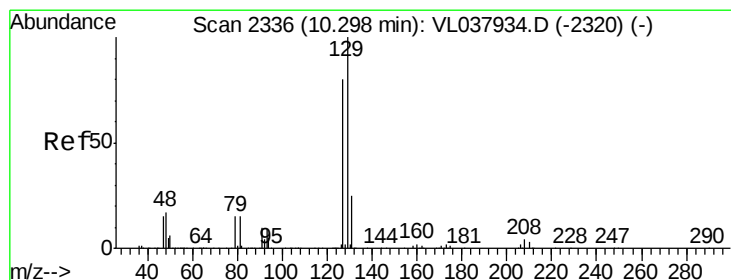
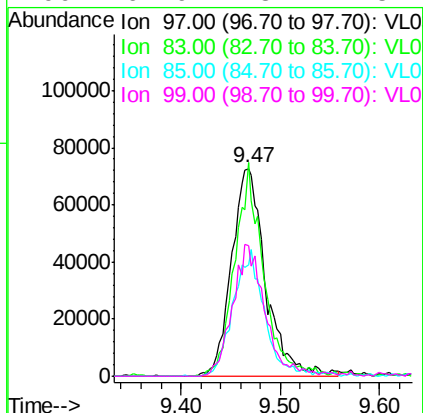
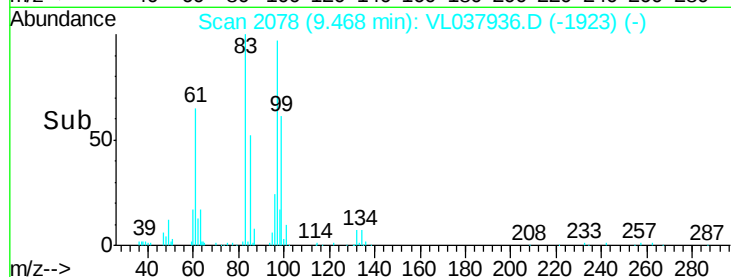
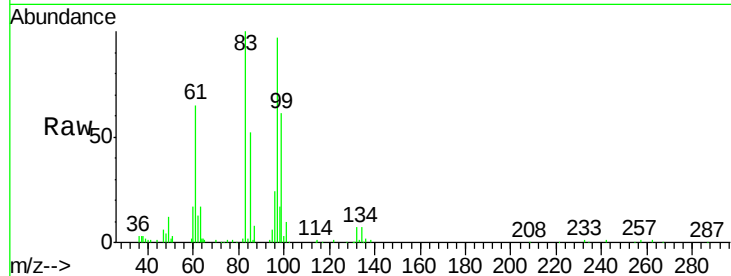


#47
 1,1,2-Trichloroethane
 Concen: 1.061 ppbv m
 RT: 9.47
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 1 Nov 2021 10:40

Tgt Ion:
 Ion Ratio
 97 100
 83 102.
 85 53.
 99 62.9 48.7 73.1

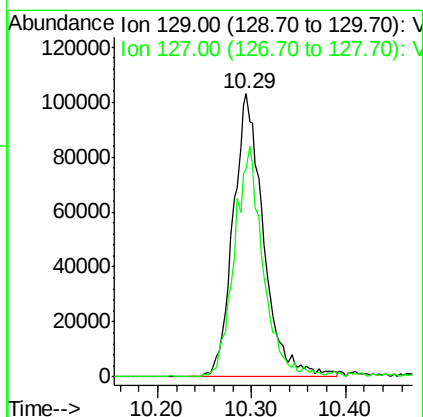
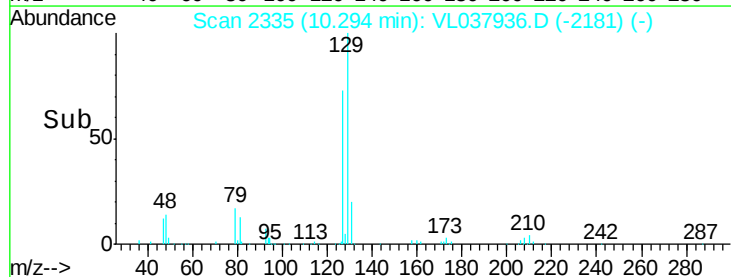
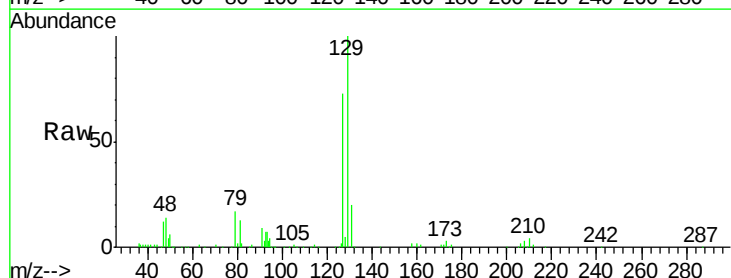
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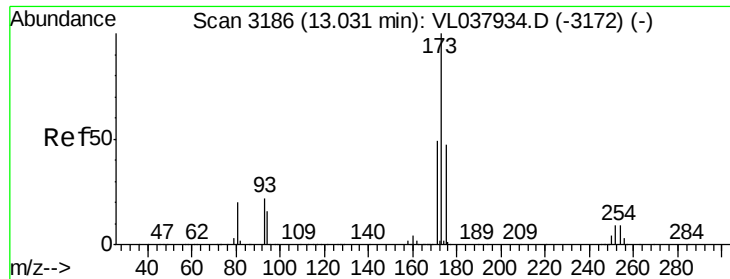
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#48
 Dibromochloromethane
 Concen: 0.995 ppbv m
 RT: 10.29 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion:129 Resp: 231293
 Ion Ratio Lower Upper
 129 100
 127 77.8 40.3 120.9





#49

Bromoform

Concen: 0.973 ppbv m

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Nov 2021 10:40

Tgt Ion:1

Ion Ratio

173 100

175 50.

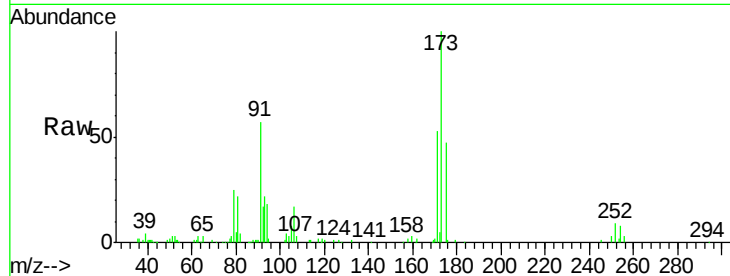
171 52.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/05/2021

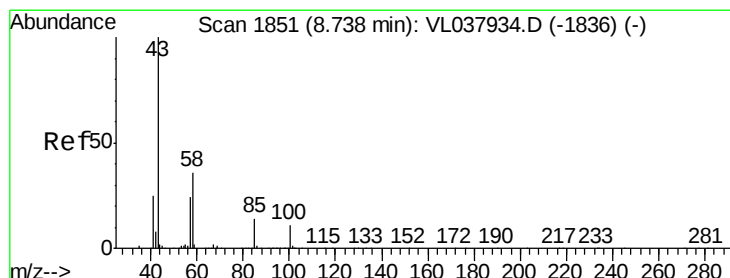
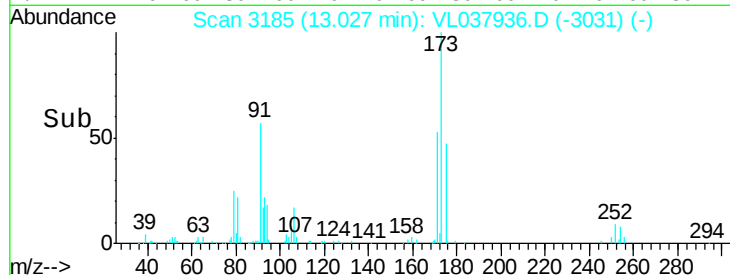
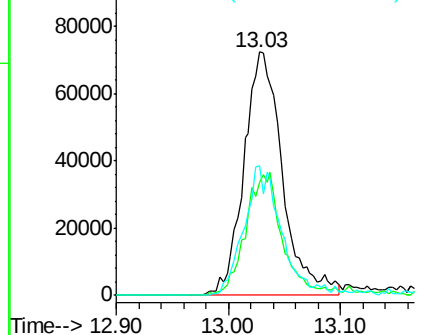
Supervised By :Mahesh Dadoda 11/10/2021



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 0.913 ppbv m

RT: 8.75 min Scan# 1856

Delta R.T. 0.02 min

Lab File: VL037936.D

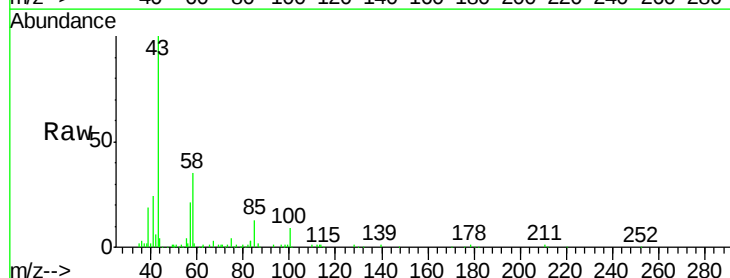
Acq: 1 Nov 2021 10:40

Tgt Ion: 43 Resp: 223979

Ion Ratio Lower Upper

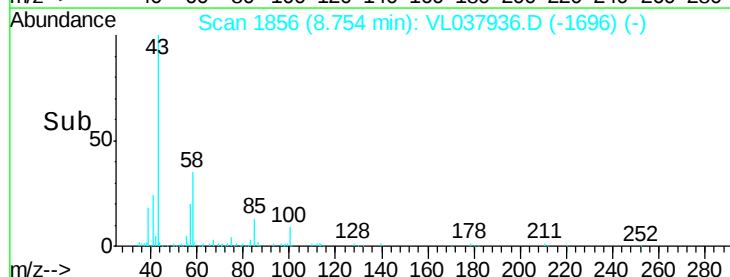
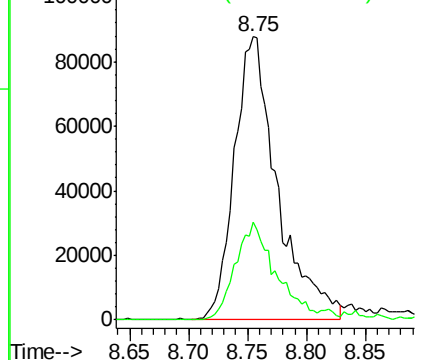
43 100

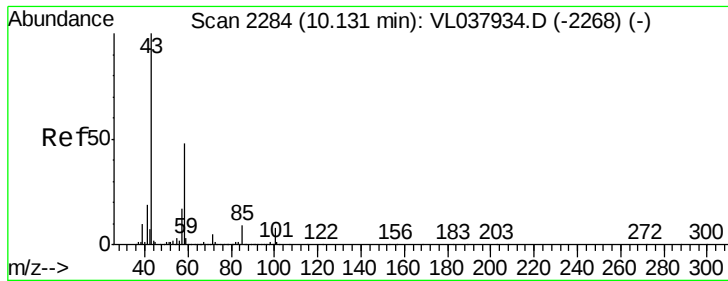
58 35.3 28.8 43.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



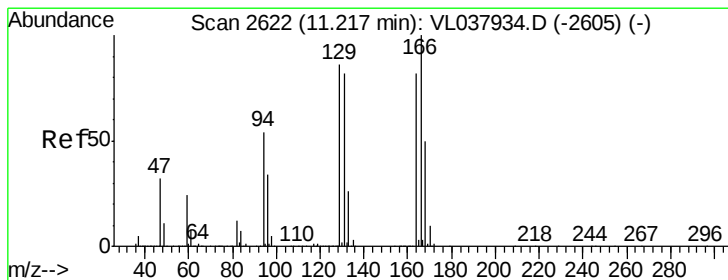
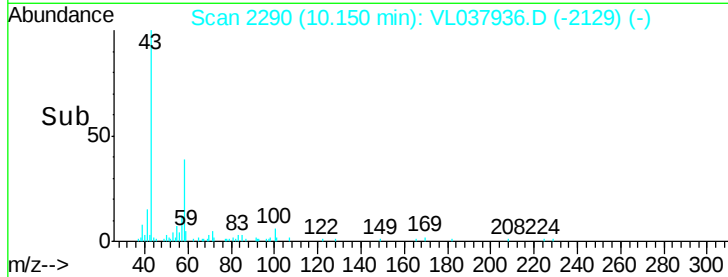
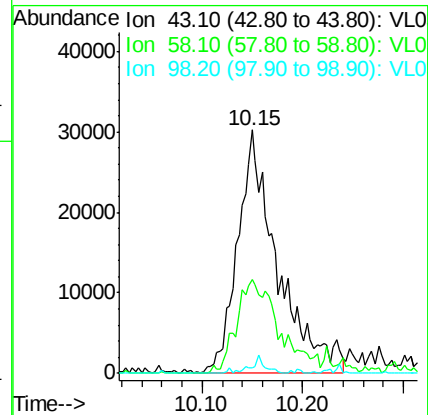
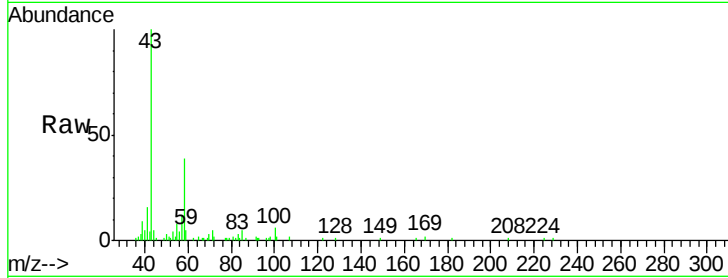


#51
2-Hexanone
Concen: 0.757 ppbv m
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 1 Nov 2021 10:40

Tgt Ion:
Ion Ratio
43 100
58 45.
98 0.

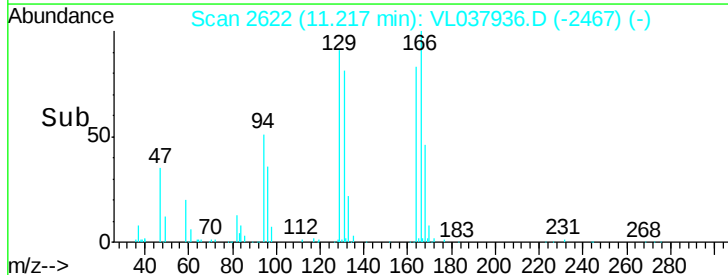
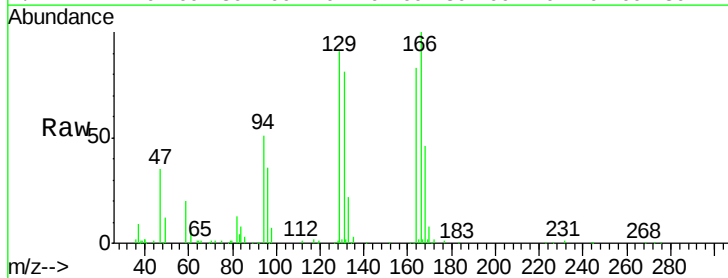
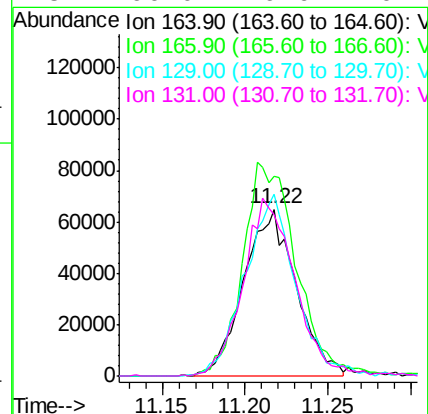
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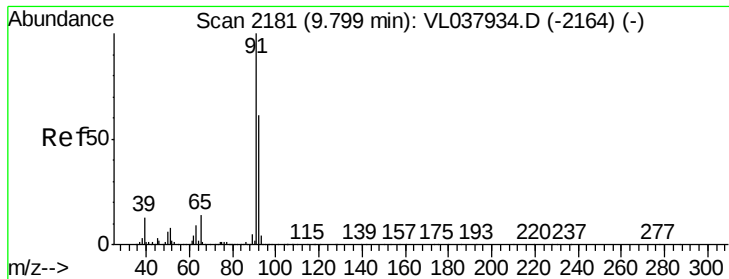
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#52
Tetrachloroethene
Concen: 0.920 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

Tgt Ion:164 Resp: 142705
Ion Ratio Lower Upper
164 100
166 119.1 97.6 146.4
129 108.3 84.2 126.2
131 96.0 79.6 119.4





#53

Toluene

Concen: 0.907 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:

Ion Ratio

91 100

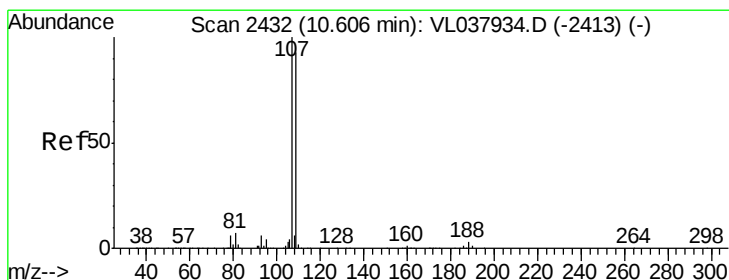
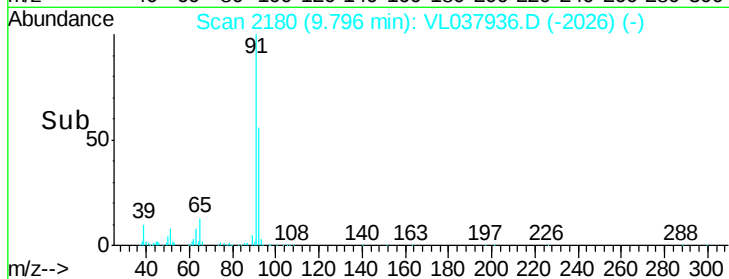
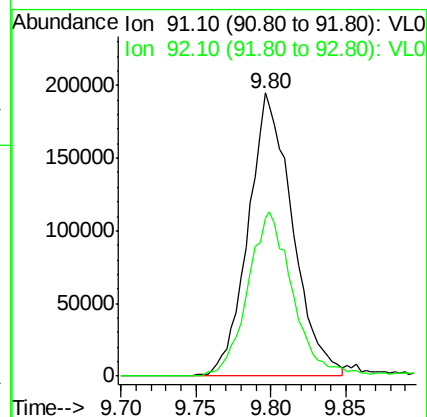
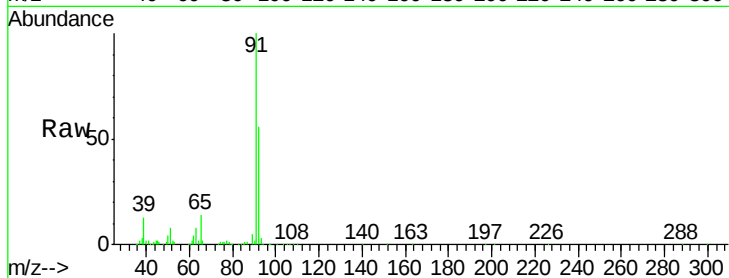
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#54

1,2-Dibromoethane

Concen: 0.916 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.00 min

Lab File: VL037936.D

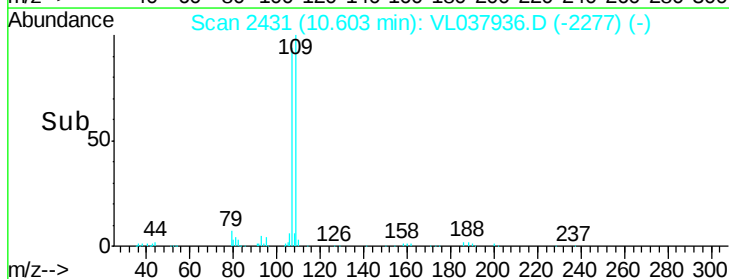
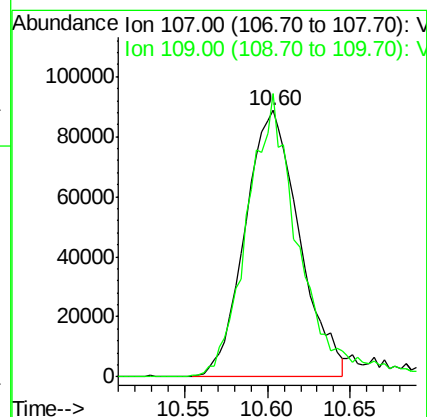
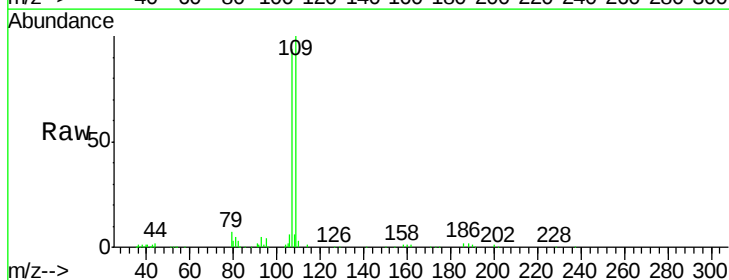
Acq: 1 Nov 2021 10:40

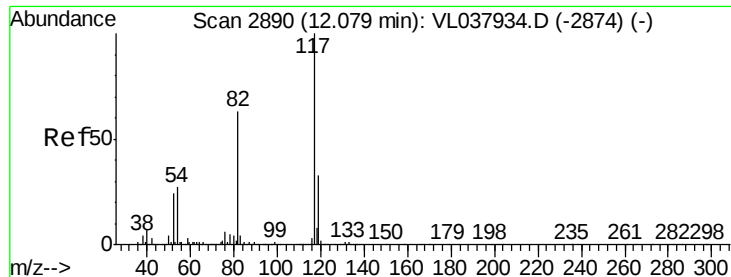
Tgt Ion:107 Resp: 201753

Ion Ratio Lower Upper

107 100

109 105.6 74.5 111.7



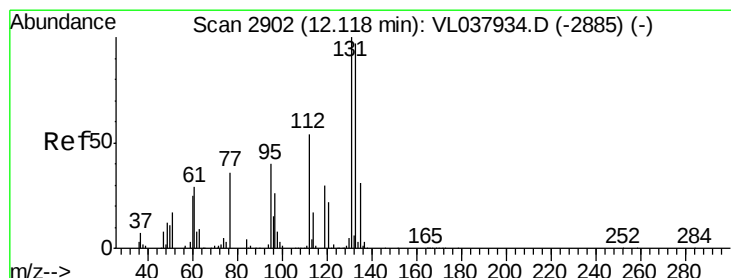
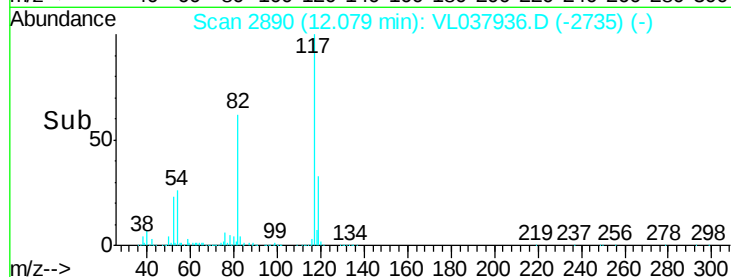
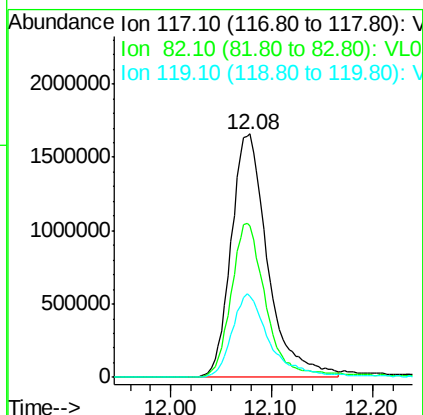
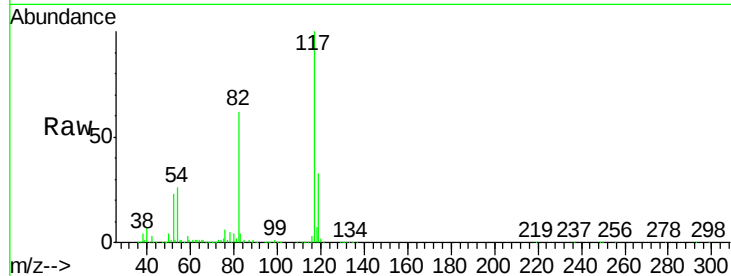


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VSTDIC001
 Acq: 1 Nov 2021 10:40

Tgt Ion: 117
 Ion Ratio: 100
 82 61.1
 119 36.1

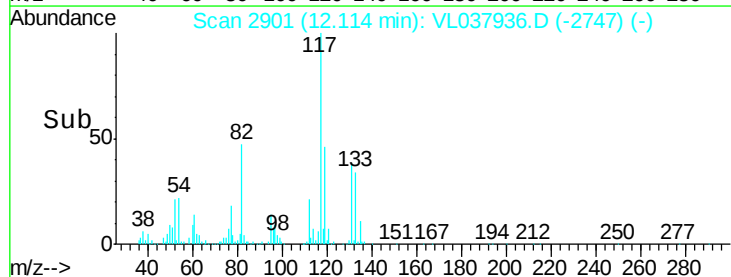
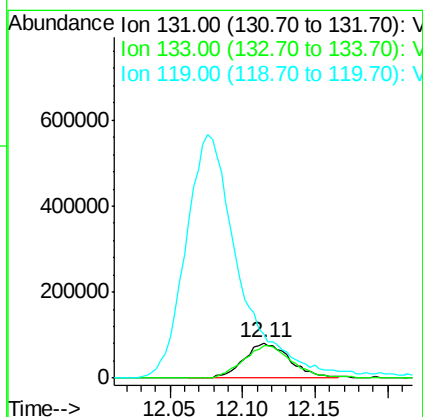
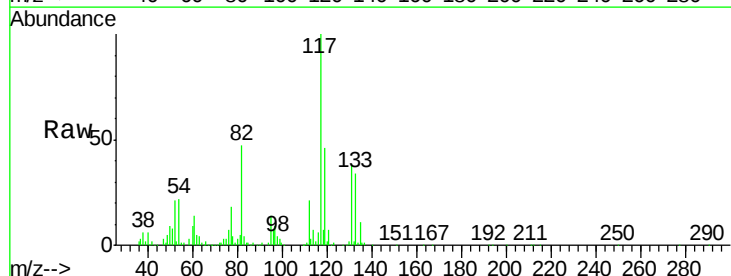
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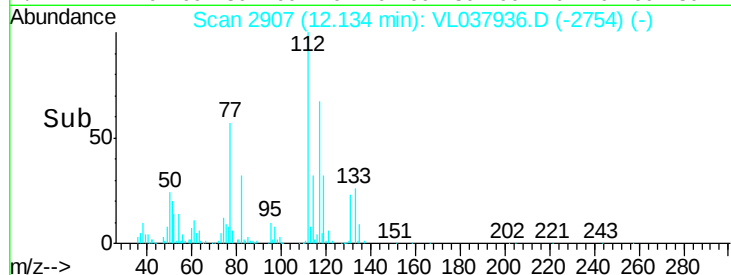
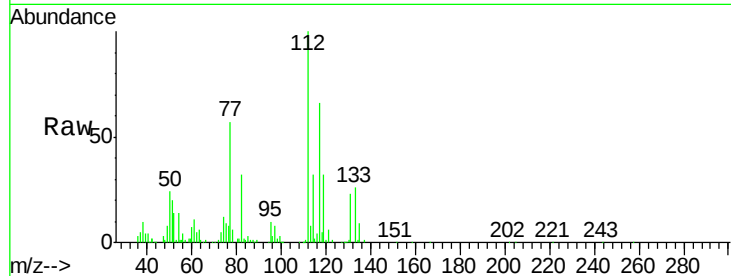
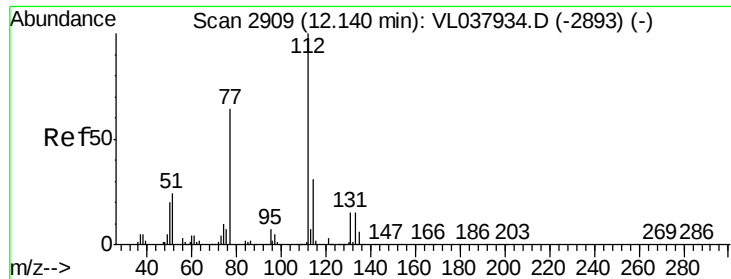
Reviewed By: Semsettin Yesilyurt 11/05/2021
 Supervised By: Mahesh Dadoda 11/10/2021



#56
 1,1,1,2-Tetrachloroethane
 Concen: 1.039 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T.: -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion: 131 Resp: 180186
 Ion Ratio Lower Upper
 131 100
 133 100.7 79.6 119.4
 119 833.9 125.4 188.2#



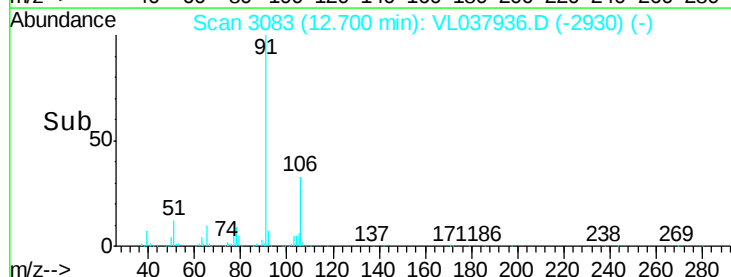
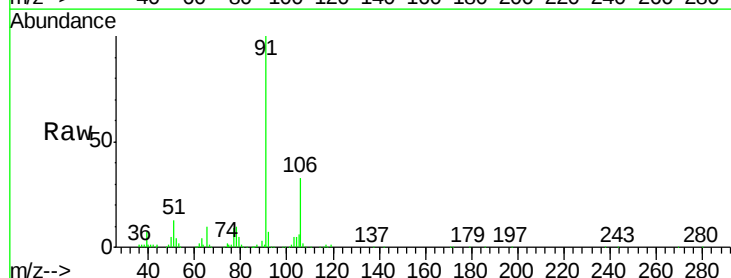
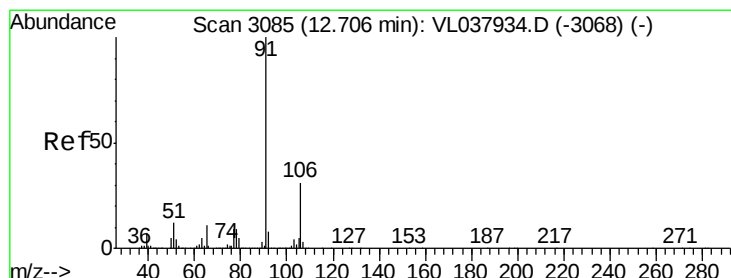
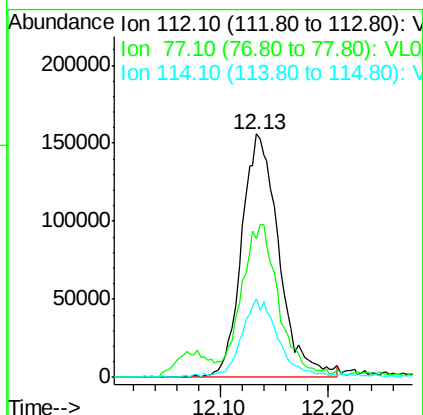


#57
Chlorobenzene
Concen: 1.083 ppbv m
RT: 12.13
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VSTDIC001
Acq: 1 Nov 2021 10:40

Tgt Ion: 1
Ion Ratio
112 100
77 57.
114 32.

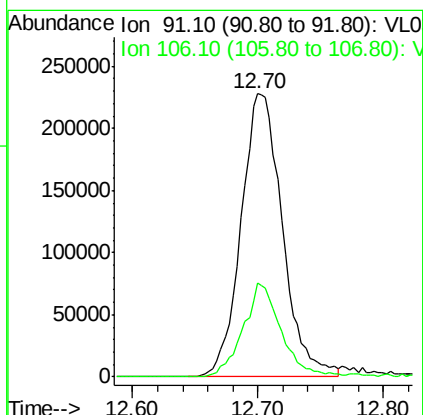
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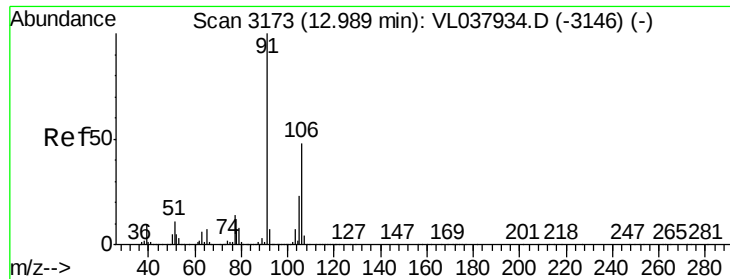
Reviewed By : Semsettin Yesilyurt 11/05/2021
Supervised By : Mahesh Dadoda 11/10/2021



#58
Ethyl Benzene
Concen: 0.929 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.01 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

Tgt Ion: 91 Resp: 522590
Ion Ratio Lower Upper
91 100
106 33.4 25.1 37.7



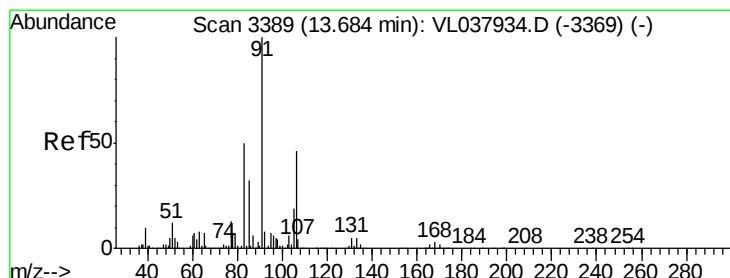
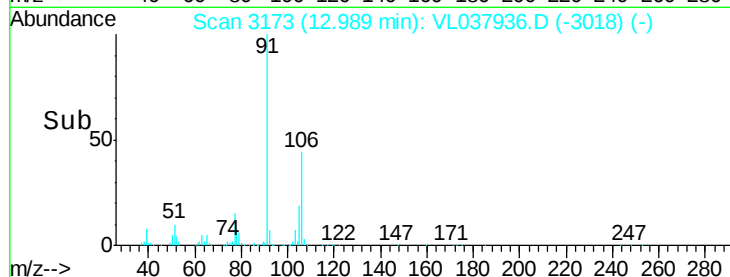
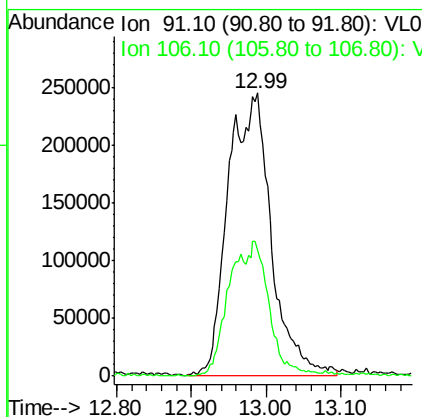
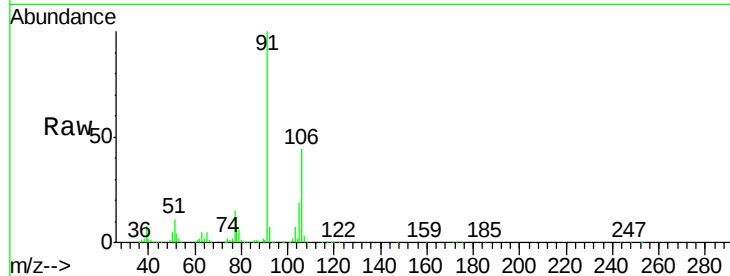


#59
m/p-Xylene
Concen: 2.044 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 1 Nov 2021 10:40

Tgt Ion:
Ion Ratio
91 100
106 43.

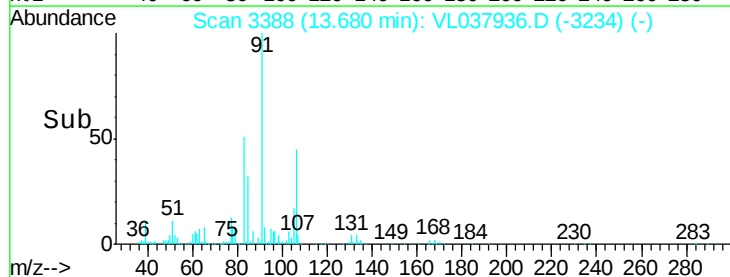
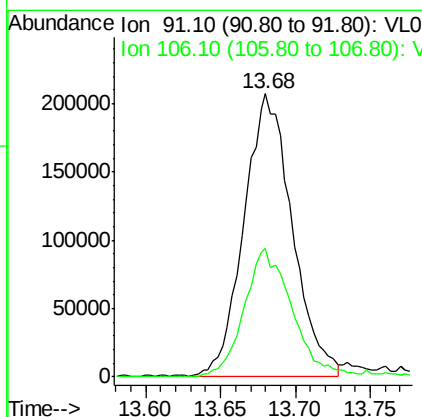
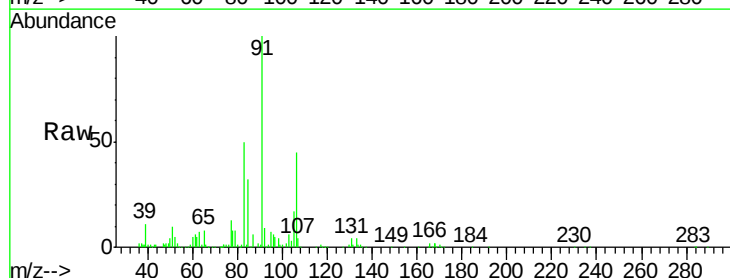
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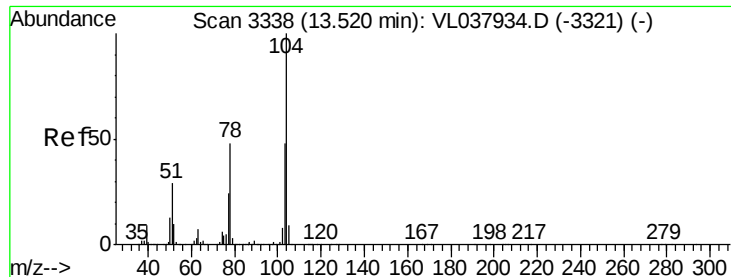
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#60
o-Xylene
Concen: 1.003 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

Tgt Ion: 91 Resp: 463946
Ion Ratio Lower Upper
91 100
106 45.5 23.5 70.6





#61

Styrene

Concen: 0.797 ppbv m

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:1

Ion Ratio

104 100

78 51.

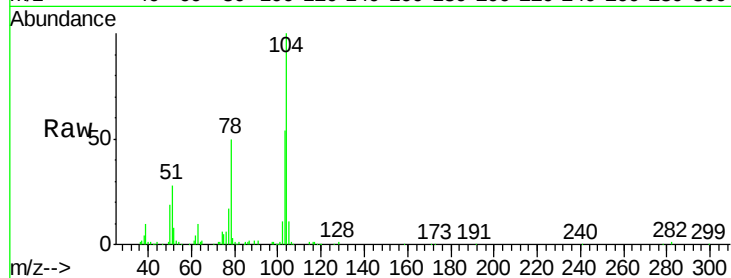
103 48.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/05/2021

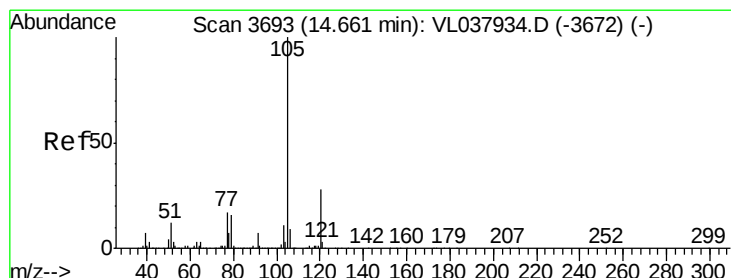
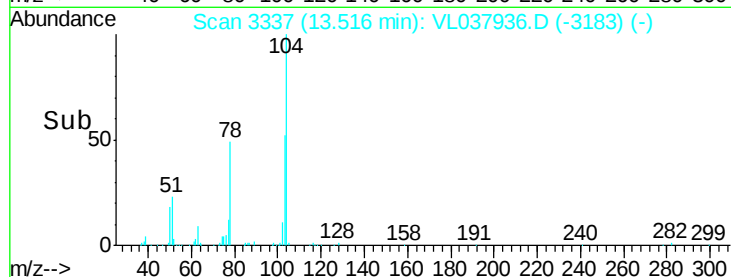
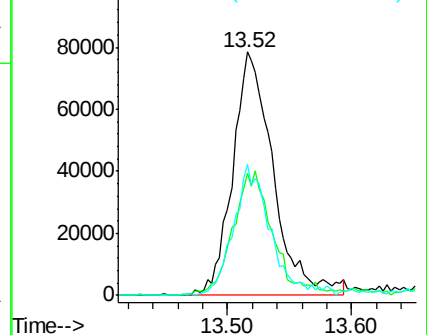
Supervised By :Mahesh Dadoda 11/10/2021



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 1.010 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. -0.00 min

Lab File: VL037936.D

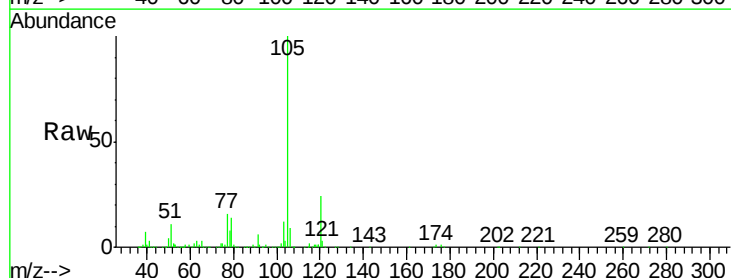
Acq: 1 Nov 2021 10:40

Tgt Ion:105 Resp: 652087

Ion Ratio Lower Upper

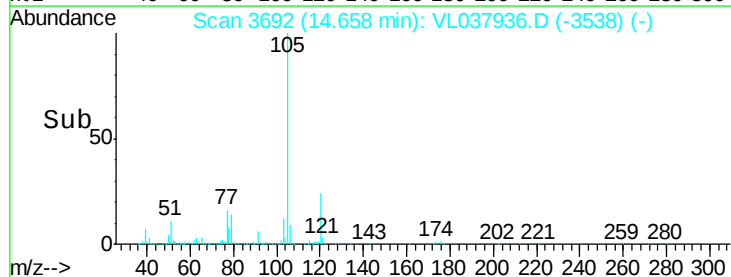
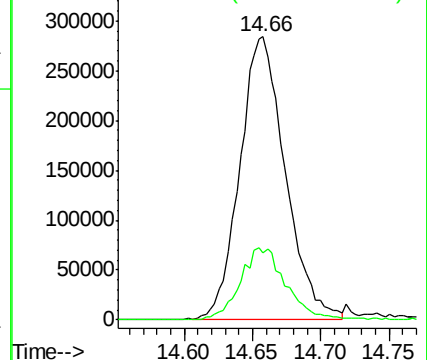
105 100

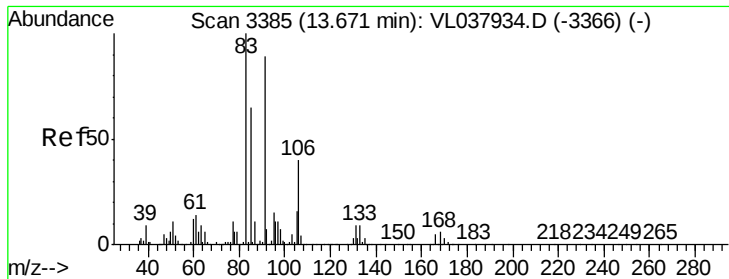
120 26.2 21.8 32.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 1.031 ppbv

RT: 13.66

Delta R.T. MSVOA_L

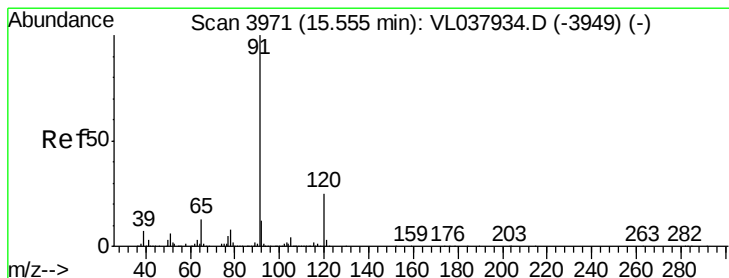
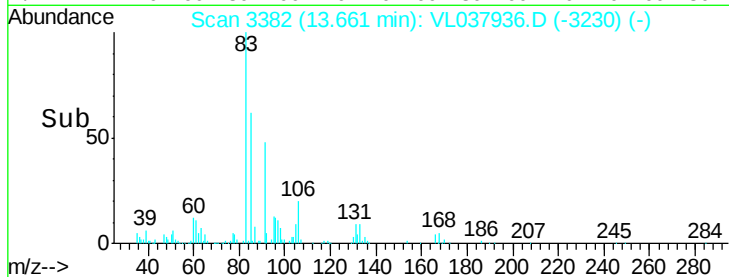
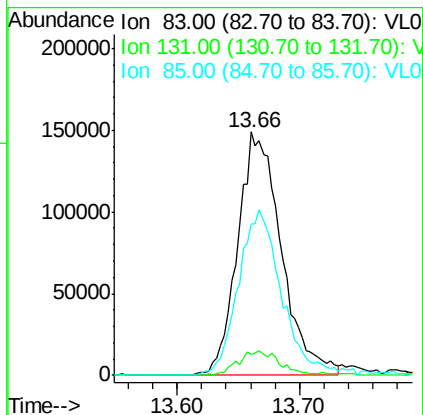
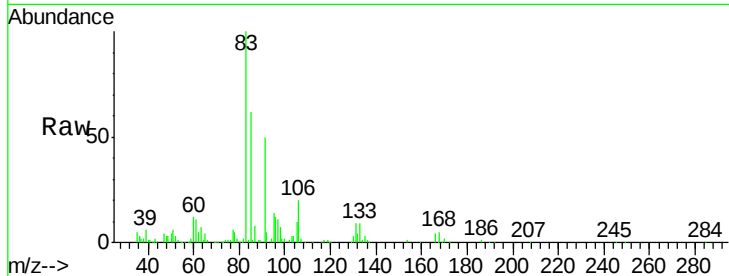
Lab File: ClientSampleId :

Acq: 1 Nov 2021 10:40

Tgt Ion:
Ion Ratio
83 100
131 10.
85 67.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#64

n-propylbenzene

Concen: 0.991 ppbv

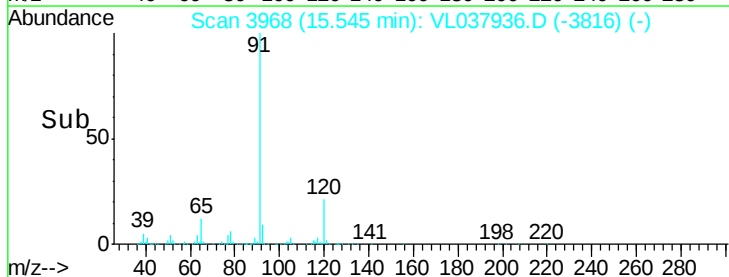
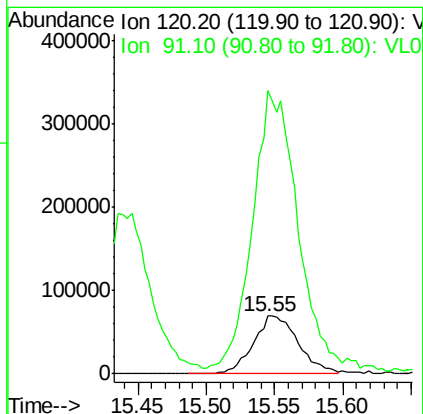
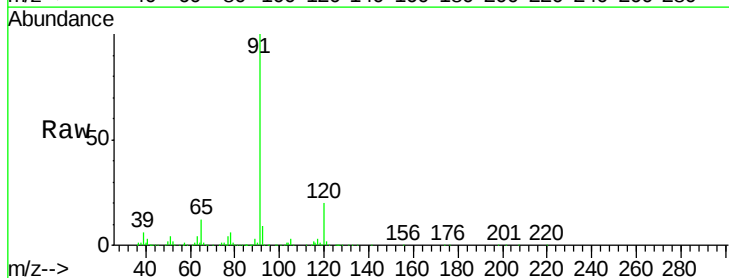
RT: 15.55 min Scan# 3968

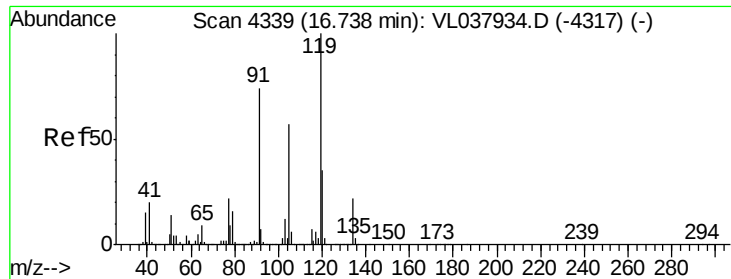
Delta R.T. -0.01 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

Tgt Ion:120 Resp: 159568
Ion Ratio Lower Upper
120 100
91 511.1 363.3 544.9





#65

tert-Butylbenzene

Concen: 1.054 ppbv

RT: 16.73

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Nov 2021 10:40

Tgt Ion:1

Ion Rati

119 100

91 77.

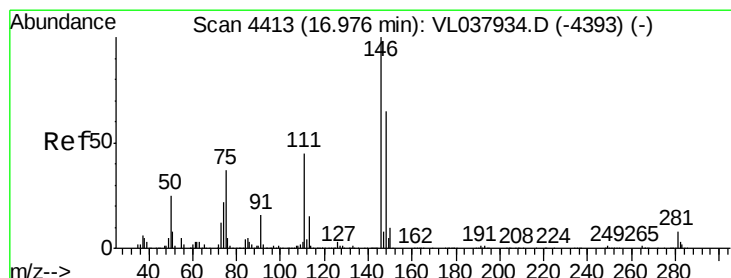
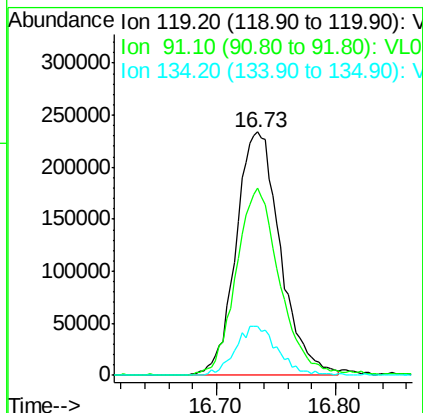
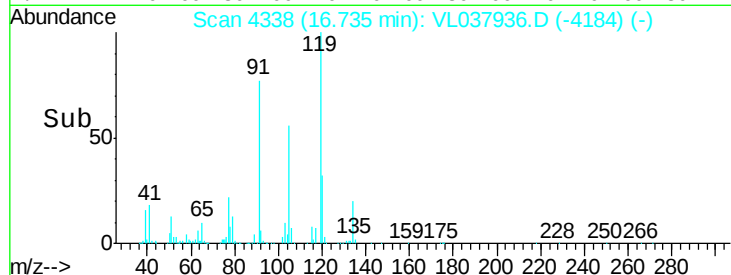
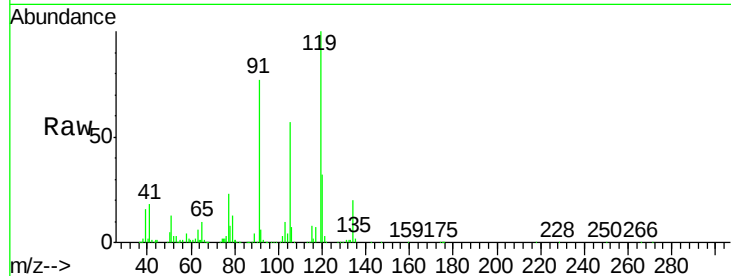
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#66

Benzyl Chloride

Concen: 0.744 ppbv m

RT: 16.98 min Scan# 4414

Delta R.T. 0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

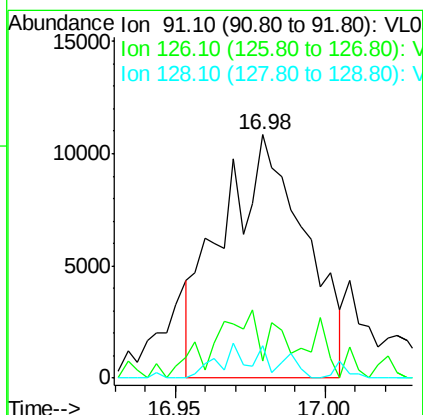
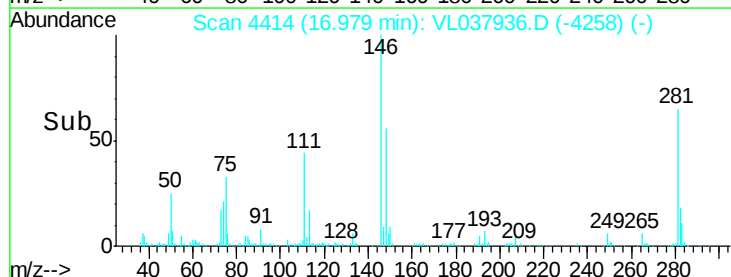
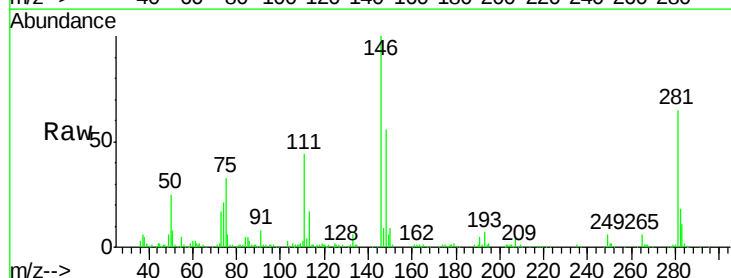
Tgt Ion: 91 Resp: 20852

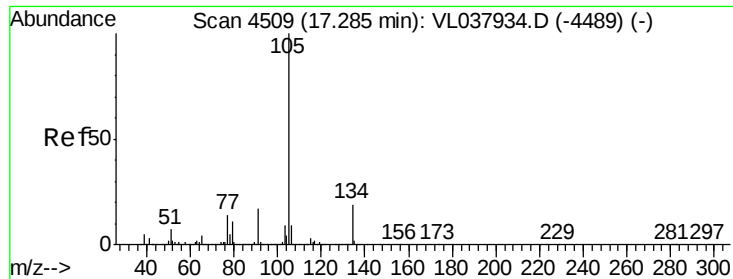
Ion Ratio Lower Upper

91 100

126 28.9 13.8 20.6#

128 9.4 5.1 7.7#





#67

sec-Butylbenzene

Concen: 1.037 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Nov 2021 10:40

Tgt Ion:1

Ion Ratio

105 100

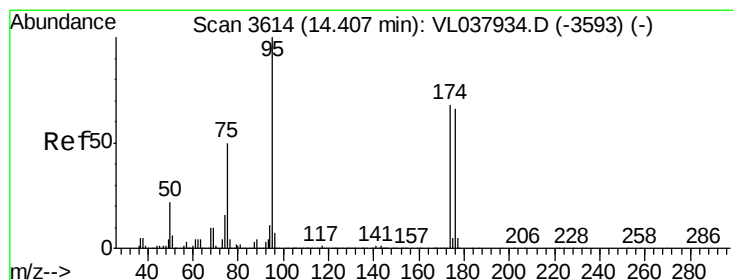
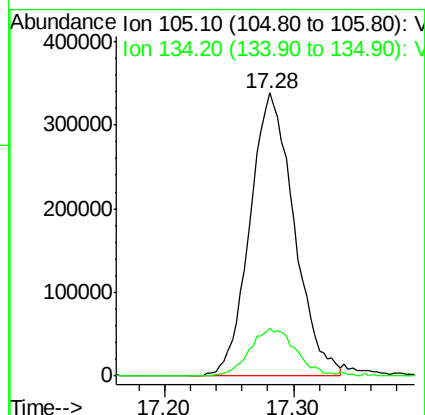
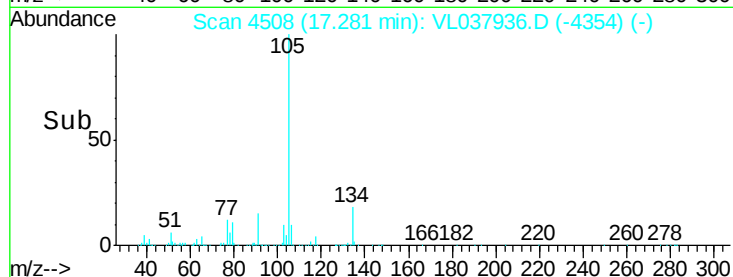
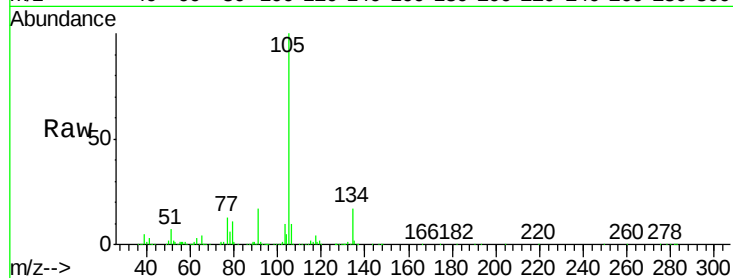
134 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.181 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

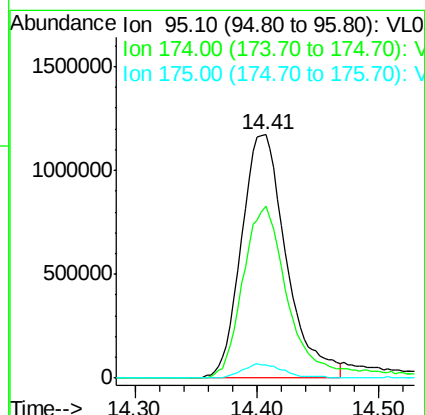
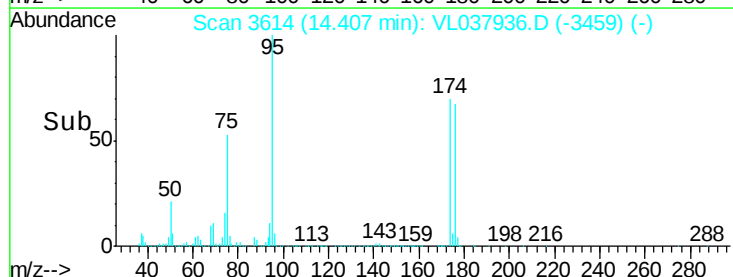
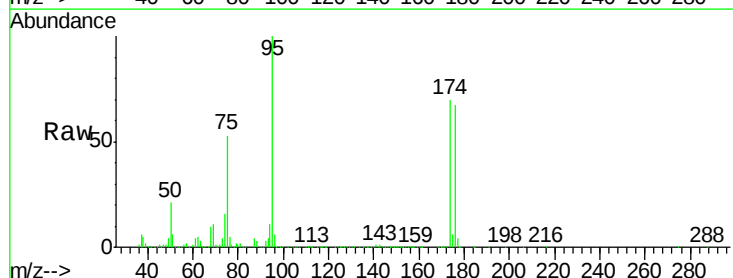
Tgt Ion: 95 Resp: 2982618

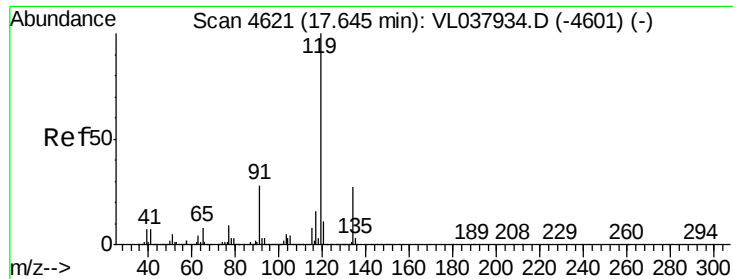
Ion Ratio Lower Upper

95 100

174 74.8 58.3 87.5

175 5.7 4.6 6.8





#69

p-Isopropyltoluene

Concen: 1.012 ppbv

RT: 17.64

Delta R.T.

Lab File:

Acq: 1 Nov 2021 10:40

Instrument : MSVOA_1

ClientSampleId :

VSTDIC001

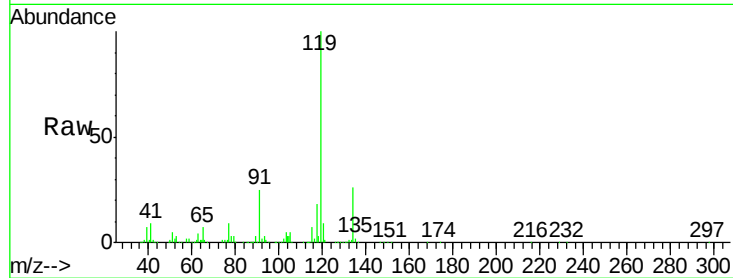
Manual Integrations

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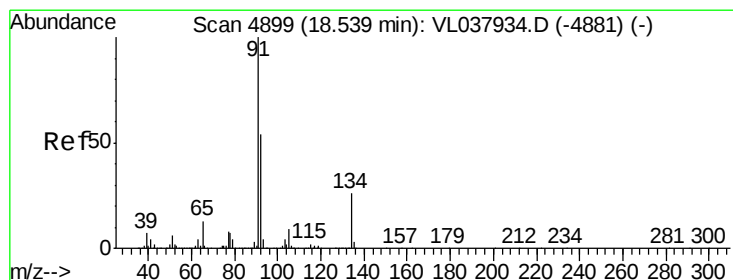
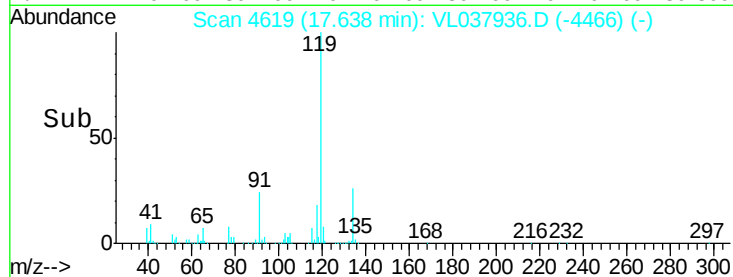
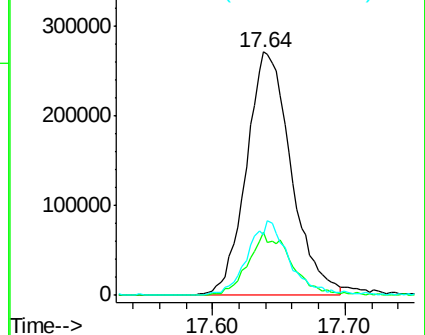
Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021

Tgt Ion:1
Ion Rati
119 100
134 25.
91 28.



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: 0.951 ppbv

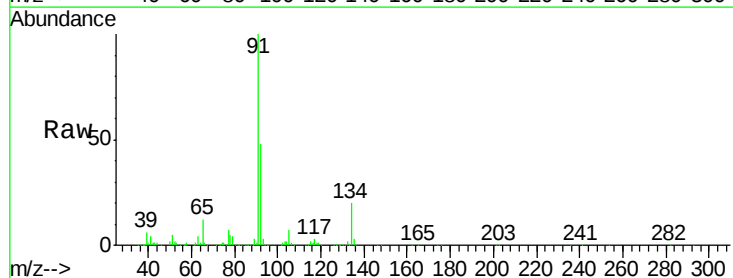
RT: 18.54 min Scan# 4900

Delta R.T. 0.00 min

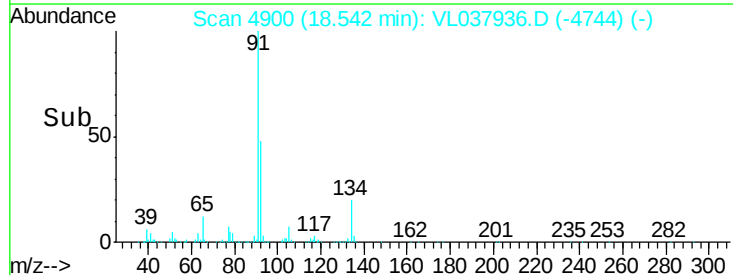
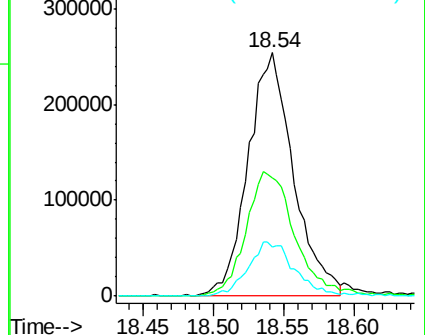
Lab File: VL037936.D

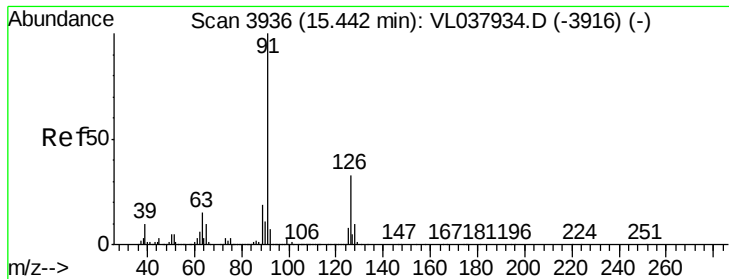
Acq: 1 Nov 2021 10:40

Tgt Ion: 91 Resp: 567662
Ion Ratio Lower Upper
91 100
92 56.8 43.6 65.4
134 23.5 19.8 29.6



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



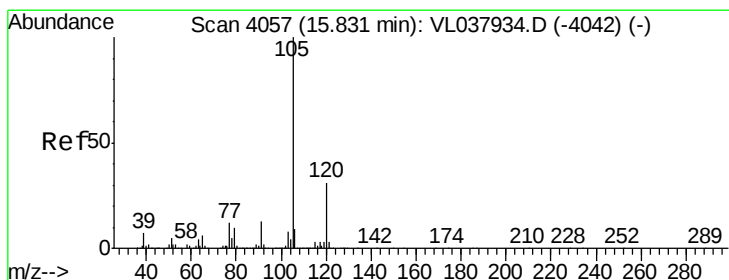
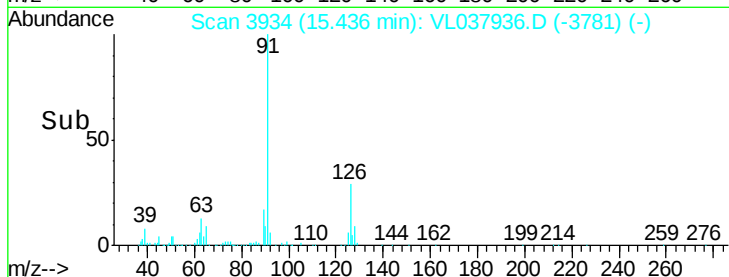
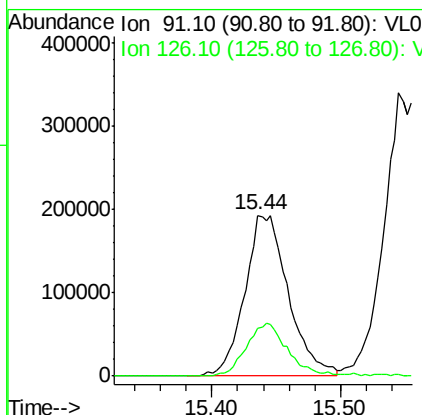
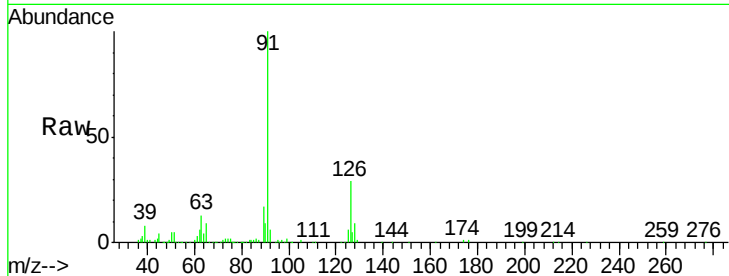


#71
 2-Chlorotoluene
 Concen: 0.997 ppbv m
 RT: 15.44
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled:
 VSTDIC001
 Acq: 1 Nov 2021 10:40

Tgt Ion:
 Ion Ratio
 91 100
 126 32.

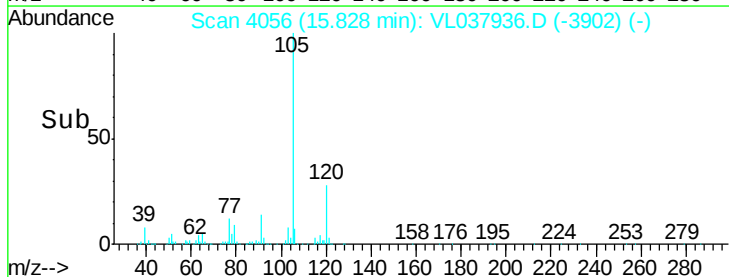
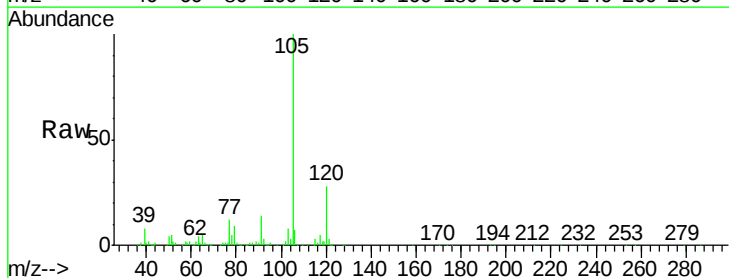
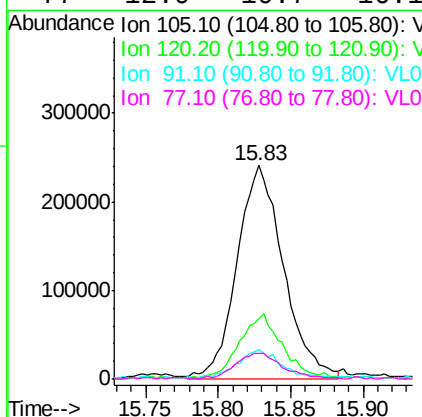
Manual Integrations
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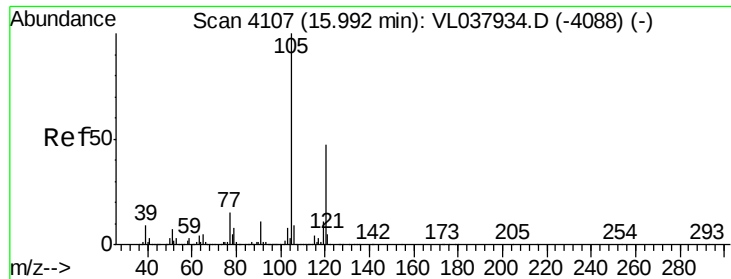
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#72
 4-Ethyltoluene
 Concen: 1.026 ppbv m
 RT: 15.83 min Scan# 4056
 Delta R.T. -0.00 min
 Lab File: VL037936.D
 Acq: 1 Nov 2021 10:40

Tgt Ion:105 Resp: 538957
 Ion Ratio Lower Upper
 105 100
 120 29.3 25.3 37.9
 91 12.3 9.9 14.9
 77 12.9 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 1.054 ppbv m

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:1

Ion Ratio

105 100

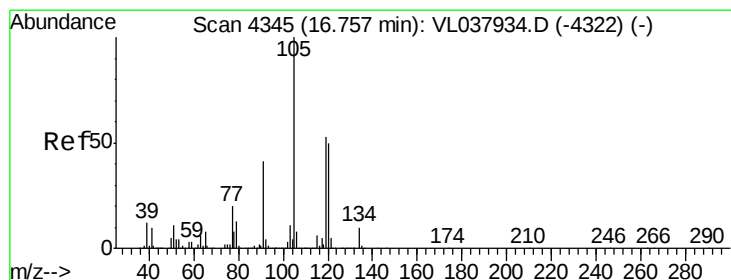
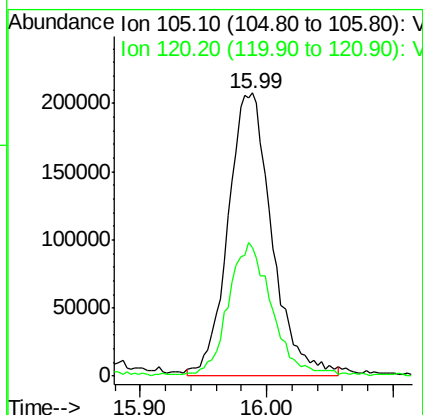
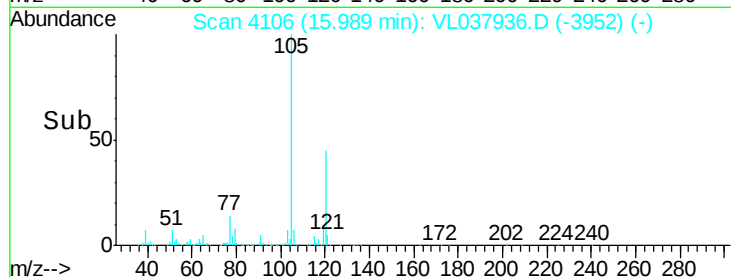
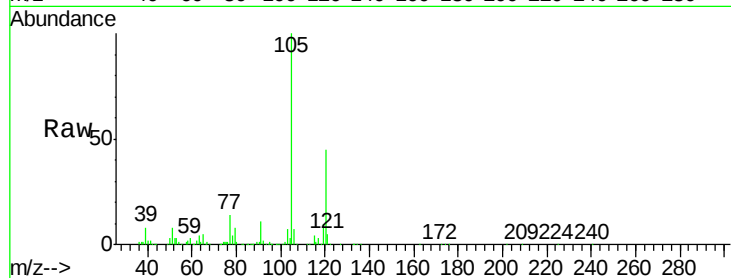
120 45.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#74

1,2,4-Trimethylbenzene

Concen: 1.046 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

Tgt Ion:105 Resp: 524234

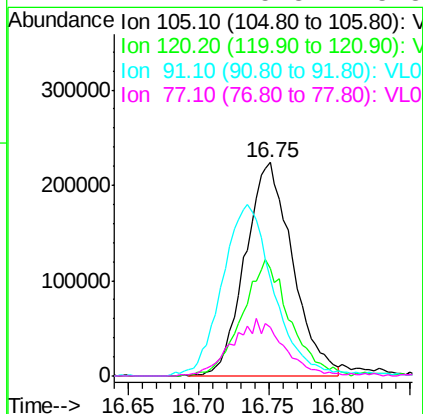
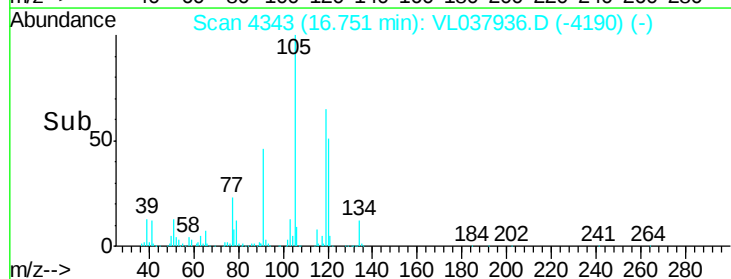
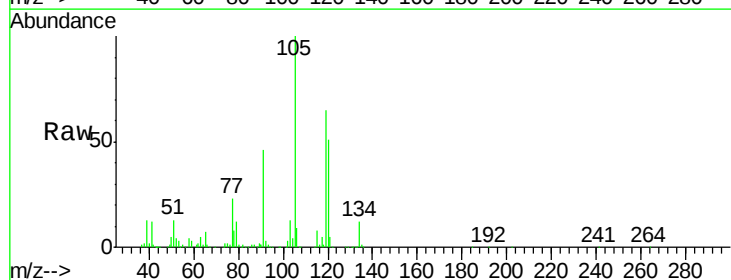
Ion Ratio Lower Upper

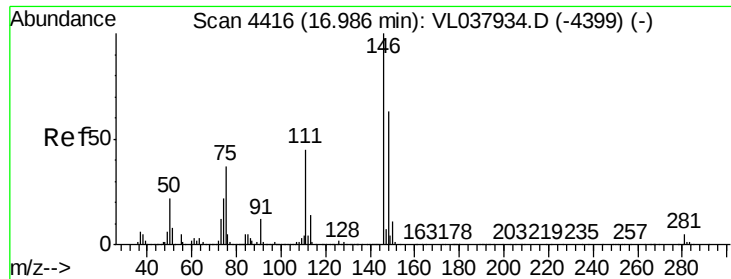
105 100

120 50.3 40.0 60.0

91 43.7 32.6 49.0

77 22.4 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 1.028 ppbv

RT: 16.99

Delta R.T. MSVOA_L

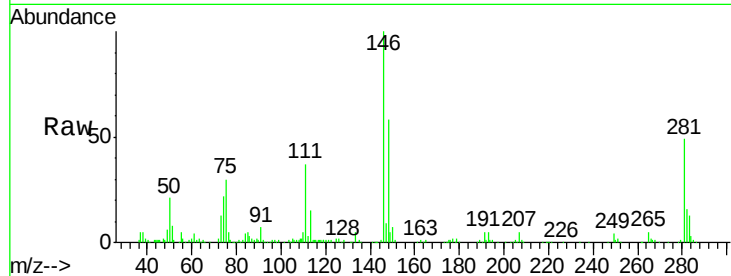
Lab File: ClientSampleId :

Acq: 1 Nov 2021 10:40

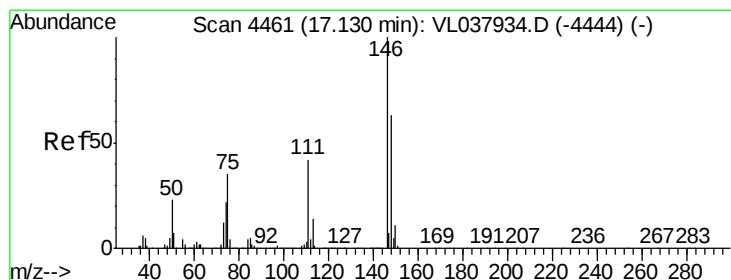
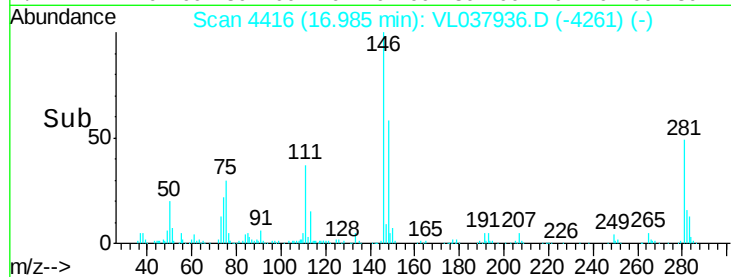
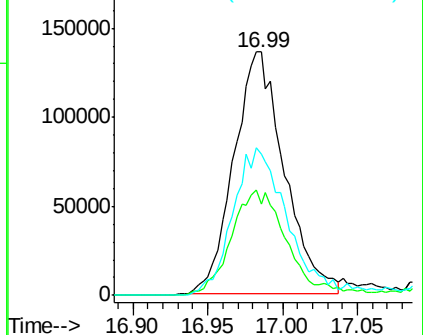
Tgt Ion:1
Ion Rati
146 100
111 48.
148 66.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.10 (110.80 to 111.80): V
Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 1.007 ppbv

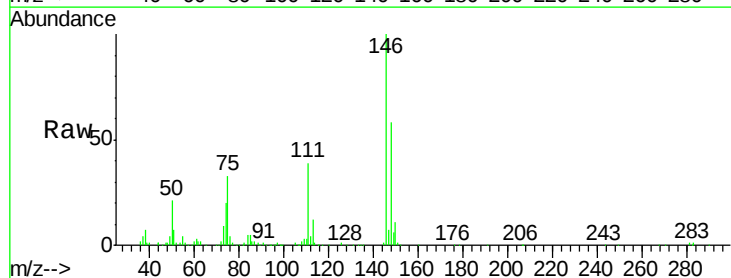
RT: 17.12 min Scan# 4459

Delta R.T. -0.01 min

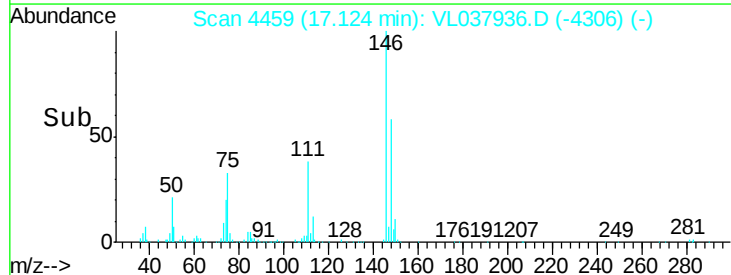
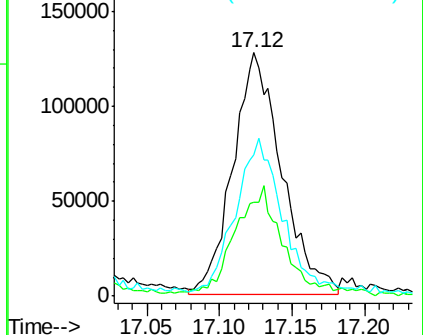
Lab File: VL037936.D

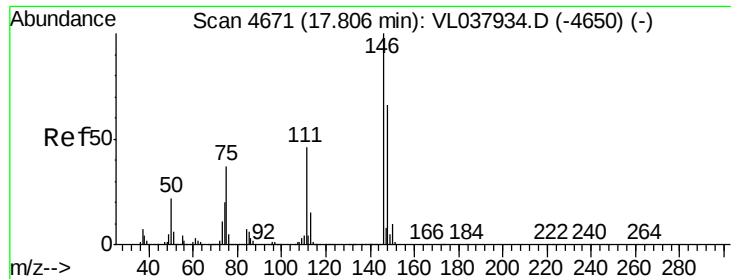
Acq: 1 Nov 2021 10:40

Tgt Ion:146 Resp: 298355
Ion Ratio Lower Upper
146 100
111 46.6 22.7 68.1
148 70.2 33.5 100.4



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.10 (110.80 to 111.80): V
Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 0.994 ppbv

RT: 17.81

Delta R.T. MSVOA_L

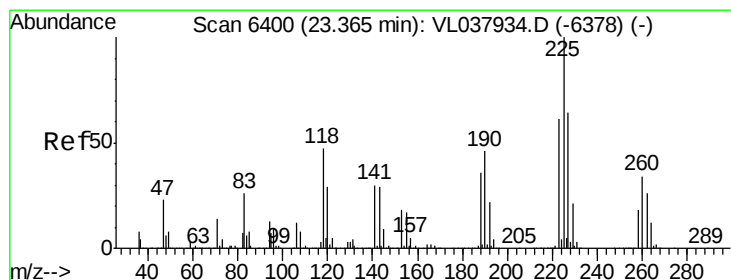
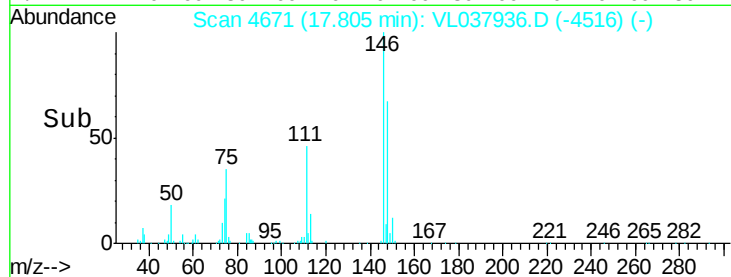
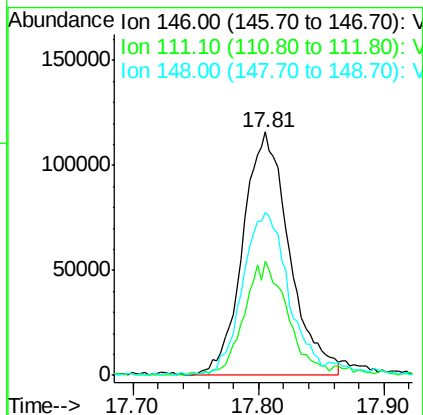
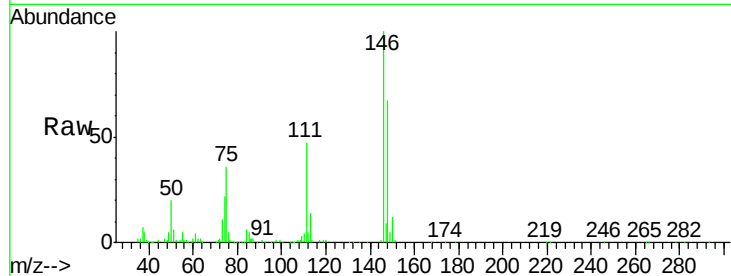
Lab File: ClientSampleId :

Acq: 1 Nov 2021 10:40 VSTDIC001

Tgt Ion:1
Ion Rati
146 100
111 46.
148 70.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#78

Hexachloro-1,3-Butadiene

Concen: 1.151 ppbv

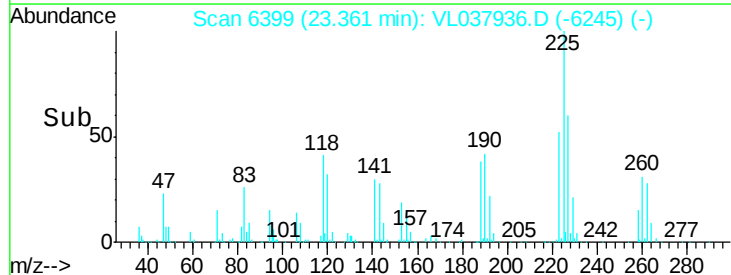
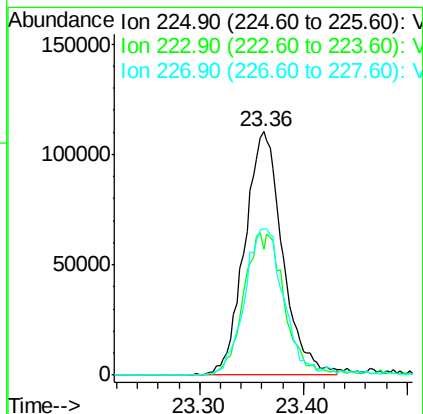
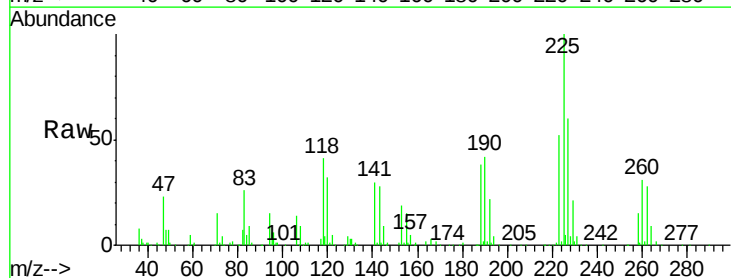
RT: 23.36 min Scan# 6399

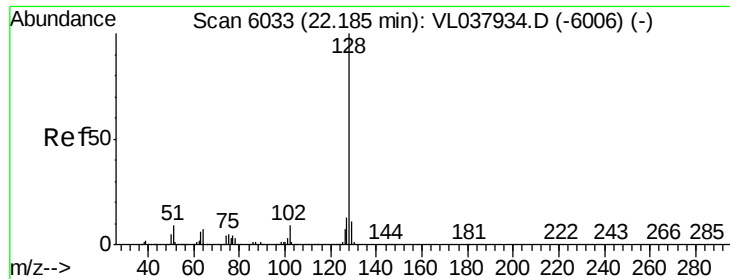
Delta R.T. -0.00 min

Lab File: VL037936.D

Acq: 1 Nov 2021 10:40

Tgt Ion:225 Resp: 280266
Ion Ratio Lower Upper
225 100
223 62.4 50.0 75.0
227 62.8 51.5 77.3



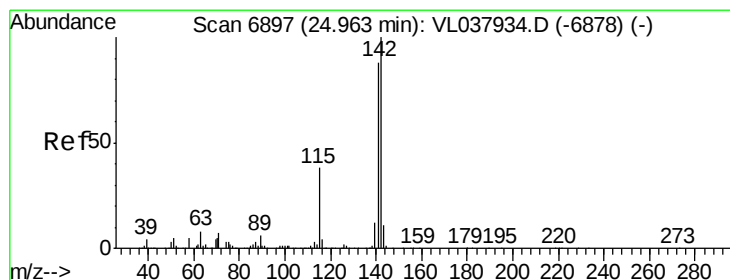
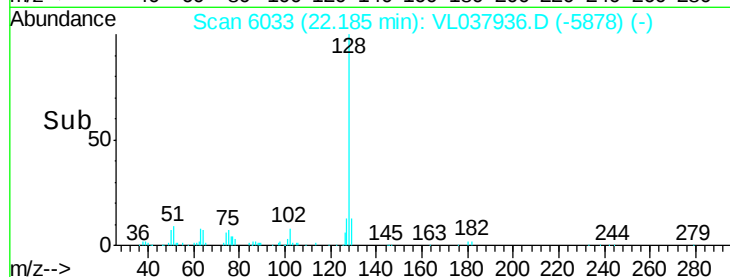
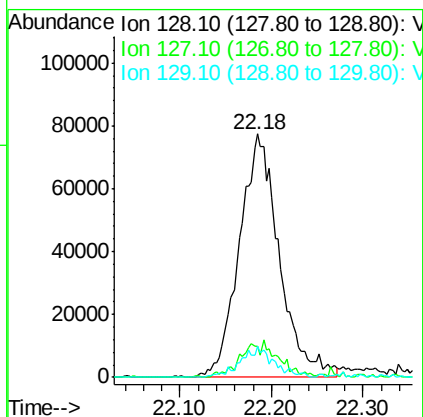
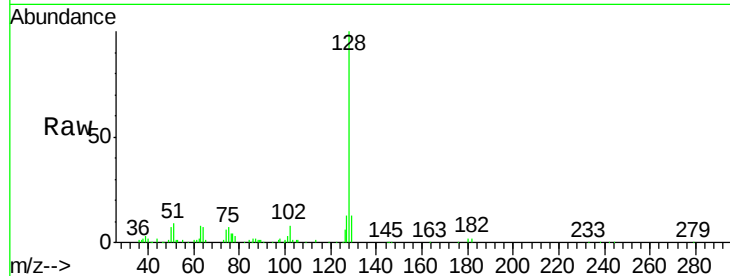


#79
Naphthalene
Concen: 0.765 ppbv m
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC001
Acq: 1 Nov 2021 10:40

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

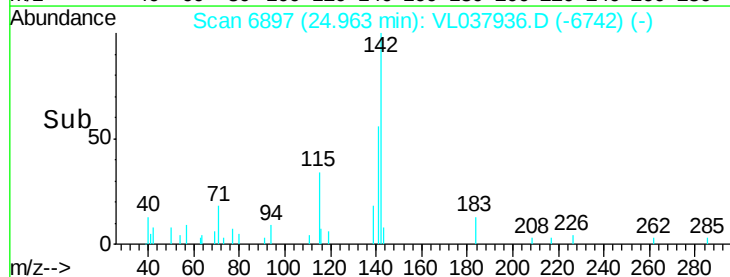
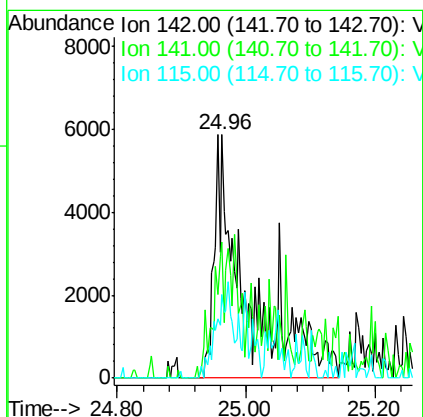
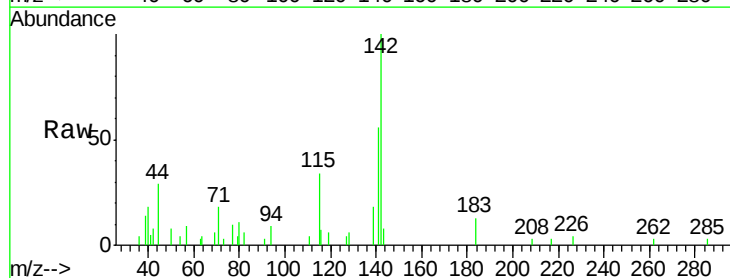
Manual Integrations
APPROVED

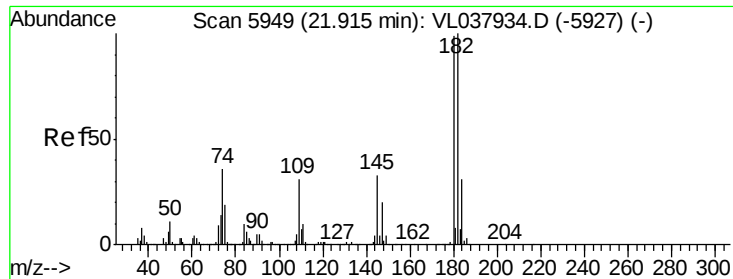
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#80
Naphthalene, 2-methyl-
Concen: 0.245 ppbv m
RT: 24.96 min Scan# 6897
Delta R.T. -0.00 min
Lab File: VL037936.D
Acq: 1 Nov 2021 10:40

Tgt Ion:142 Resp: 20164
Ion Ratio Lower Upper
142 100
141 11.3 66.4 99.6#
115 6.2 29.0 43.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.878 ppbv m
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 1 Nov 2021 10:40

Tgt Ion:1
 Ion Rati
 180 100
 182 0.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

