

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030321\
 Data File : VL036435.D
 Acq On : 3 Mar 2021 10:52
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Quant Time: Mar 03 13:46:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Mar 03 10:40:25 2021
 Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1714975	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4011665	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3725774	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3005613	9.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	261511	1.022 ppbv	90
3) Chlorodifluoromethane	2.99	51	211936	0.995 ppbv	97
4) Chloromethane	3.15	50	92332	0.897 ppbv	94
5) Vinyl Chloride	3.26	62	86814	0.906 ppbv	96
6) Bromomethane	3.48	94	55282	0.970 ppbv	92
7) Chloroethane	3.56	64	35691	1.049 ppbv	96
8) Dichlorotetrafluoroethane	3.19	85	249581	1.072 ppbv	96
9) Propene	3.01	41	84687	1.066 ppbv	89
10) Heptane	8.13	43	221792	0.947 ppbv	98
11) Trichlorofluoromethane	3.95	101	241836	0.965 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	156155	1.006 ppbv	94
13) Ethanol	3.63	45	12562m	0.842 ppbv	
14) Bromoethene	3.74	108	63748	0.981 ppbv	95
15) Acetone	3.86	43	216188m	1.031 ppbv	
16) 1,3-Butadiene	3.33	39	93780	0.936 ppbv	96
17) tert-Butyl alcohol	4.30	59	167018	1.026 ppbv	98
18) 1,1-Dichloroethene	4.29	96	71877m	1.019 ppbv	
19) Isopropyl Alcohol	3.98	45	127914m	1.101 ppbv	
20) Methylene Chloride	4.35	84	75687m	1.119 ppbv	
21) Allyl Chloride	4.42	41	108851	0.933 ppbv	91
22) trans-1,2-Dichloroethene	4.89	96	67796m	1.058 ppbv	
23) Vinyl Acetate	5.08	43	212767	0.863 ppbv #	98
24) 1,1-Dichloroethane	5.01	63	179607	0.985 ppbv	97
25) Ethyl Acetate	5.69	43	404414	0.999 ppbv	97
26) Hexane	5.69	57	161115	0.969 ppbv	92
27) Carbon Disulfide	4.56	76	144356	0.945 ppbv #	88
28) Methyl tert-Butyl Ether	5.05	73	207033	0.953 ppbv	96
29) Chloroform	5.76	83	268372	1.002 ppbv	89
30) Cyclohexane	7.14	84	136215m	0.985 ppbv	
31) cis-1,2-Dichloroethene	5.56	61	146925	0.893 ppbv	91
32) 1,1,1-Trichloroethane	6.52	97	253051	1.010 ppbv	100
34) 2-Butanone	5.26	43	224726	0.843 ppbv	92
35) Carbon Tetrachloride	7.03	117	257411m	0.957 ppbv	
36) Benzene	6.90	78	312577	0.917 ppbv	94
37) 1,2-Dichloroethane	6.31	62	205040m	0.973 ppbv	
38) Trichloroethene	7.85	130	119117m	0.976 ppbv	
39) 1,2-Dichloropropane	7.62	63	140750m	1.017 ppbv	
40) 1,4-Dioxane	7.87	88	50781m	1.059 ppbv	
41) Tetrahydrofuran	6.08	42	134004m	0.901 ppbv	
42) Bromodichloromethane	7.79	83	268523	0.952 ppbv #	93
43) Methyl Methacrylate	8.02	69	122077	0.849 ppbv	98

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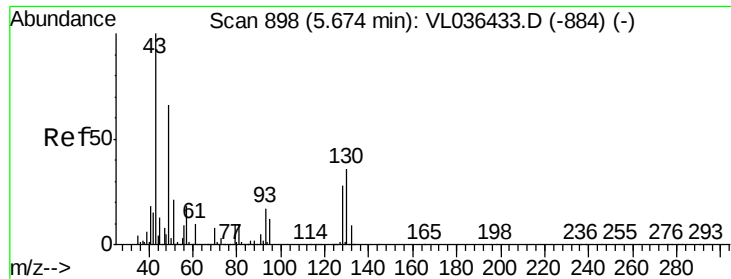
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021

Quant Time: Mar 03 13:46:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	605636	0.977	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	101110	0.729	ppbv	93
46) cis-1,3-Dichloropropene	8.71	75	150734m	0.856	ppbv	
47) 1,1,2-Trichloroethane	9.48	97	131574	0.929	ppbv	86
48) Dibromochloromethane	10.31	129	190640	0.902	ppbv	98
49) Bromoform	13.05	173	152130	0.890	ppbv	96
50) 4-Methyl-2-Pentanone	8.76	43	352264	0.890	ppbv	100
51) 2-Hexanone	10.16	43	253691m	0.844	ppbv	
52) Tetrachloroethene	11.23	164	115492m	0.926	ppbv	
53) Toluene	9.82	91	332106	0.900	ppbv	98
54) 1,2-Dibromoethane	10.62	107	194823m	0.952	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.13	131	169247	0.988	ppbv #	1
57) Chlorobenzene	12.16	112	279889	0.972	ppbv	99
58) Ethyl Benzene	12.72	91	472218	0.926	ppbv #	87
59) m/p-Xylene	13.00	91	871990m	1.946	ppbv	
60) o-Xylene	13.70	91	412818	0.963	ppbv	100
61) Styrene	13.54	104	217559	0.819	ppbv	96
62) Isopropylbenzene	14.68	105	637006	0.992	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.69	83	307442	0.909	ppbv	94
64) n-propylbenzene	15.57	120	149029	0.943	ppbv	71
65) tert-Butylbenzene	16.75	119	561711m	1.022	ppbv	
66) Benzyl Chloride	17.00	91	116382	0.779	ppbv #	98
67) sec-Butylbenzene	17.30	105	800437m	1.010	ppbv	
69) p-Isopropyltoluene	17.67	119	616172m	1.006	ppbv	
70) n-Butylbenzene	18.56	91	645101m	0.982	ppbv	
71) 2-Chlorotoluene	15.46	91	461841	0.938	ppbv	100
72) 4-Ethyltoluene	15.85	105	432371	0.907	ppbv	97
73) 1,3,5-Trimethylbenzene	16.01	105	414994	0.898	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	479227	1.016	ppbv	96
75) 1,3-Dichlorobenzene	17.01	146	254318	0.993	ppbv	97
76) 1,4-Dichlorobenzene	17.15	146	267136m	1.004	ppbv	
77) 1,2-Dichlorobenzene	17.83	146	252335m	0.993	ppbv	
78) Hexachloro-1,3-Butadiene	23.39	225	219373m	1.057	ppbv	
79) Naphthalene	22.22	128	223512m	0.799	ppbv	
80) Naphthalene, 2-methyl-	25.01	142	40496m	0.782	ppbv	
81) 1,2,4-Trichlorobenzene	21.95	180	146265m	0.857	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 10:52

Tot Ion:

Ion Ratio

49 100

128 44.

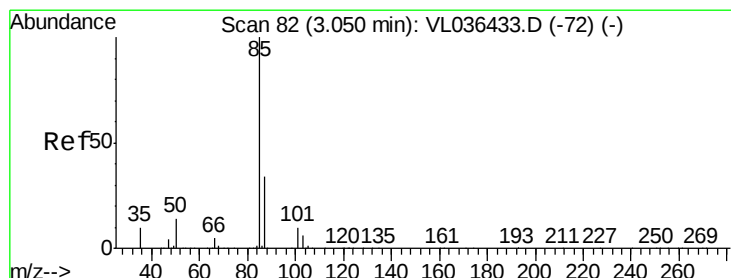
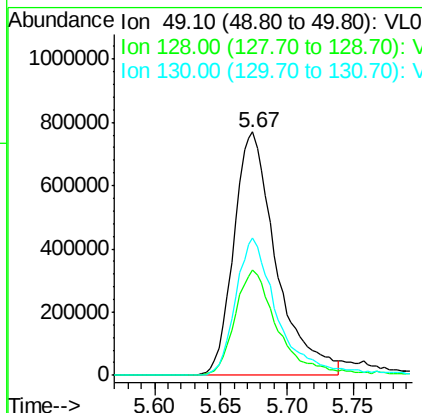
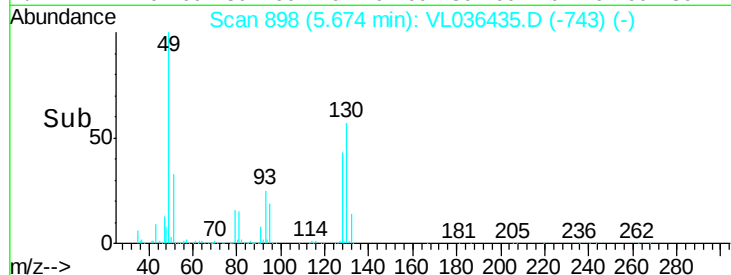
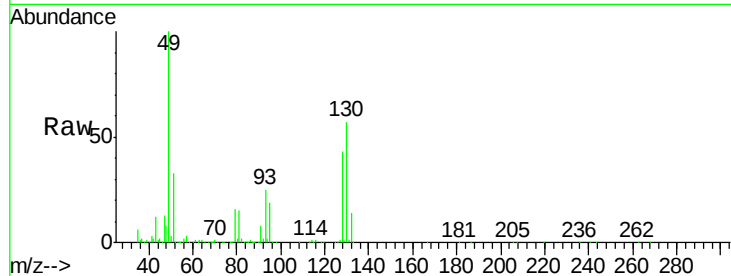
130 57.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#2

Dichlorodifluoromethane

Concen: 1.022 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL036435.D

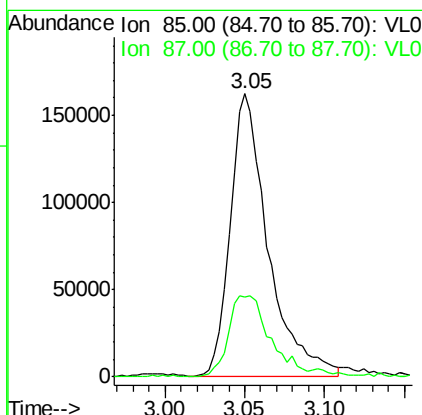
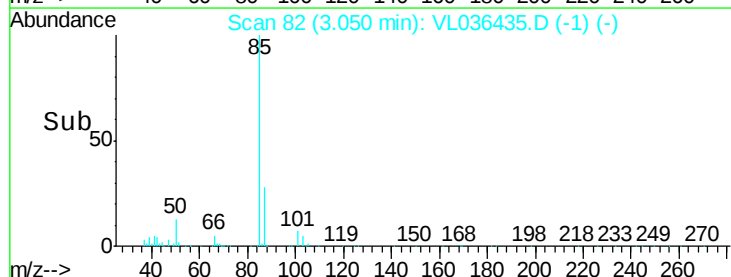
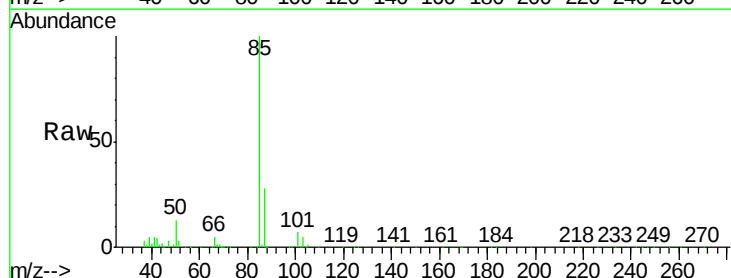
Acq: 3 Mar 2021 10:52

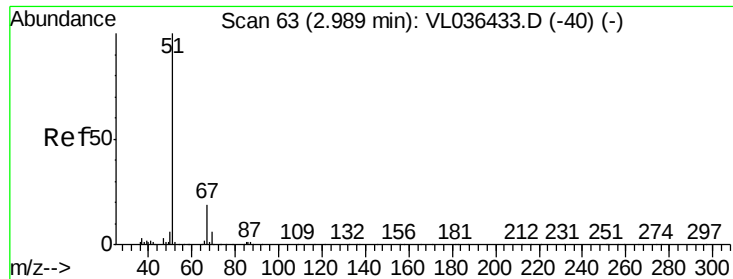
Tgt Ion: 85 Resp: 261511

Ion Ratio Lower Upper

85 100

87 28.1 27.1 40.7





#3

Chlorodifluoromethane

Concen: 0.995 ppbv

RT: 2.99 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:52 VSTDIC001

Tot Ion:

Ion Ratio

51 100

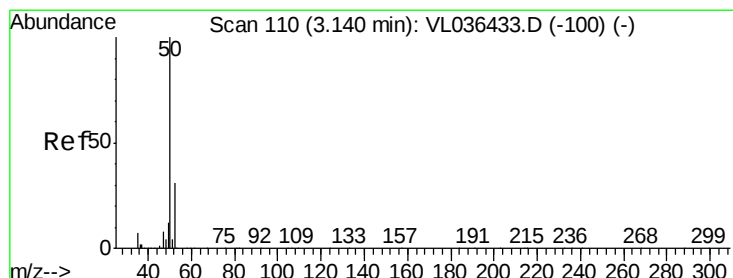
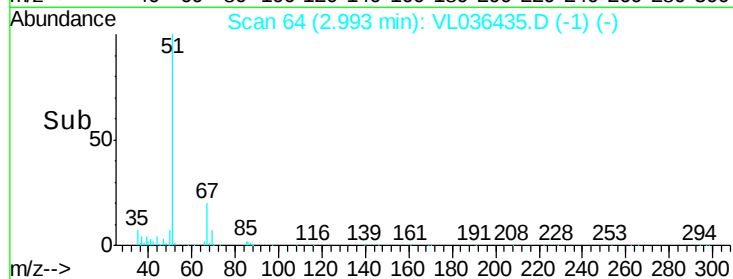
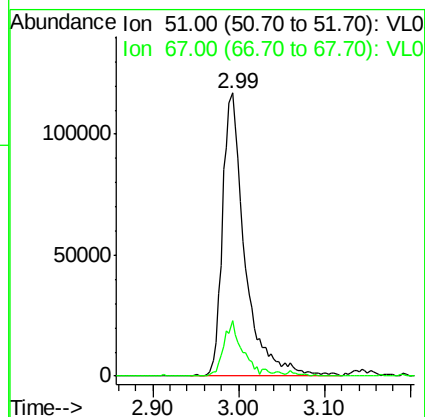
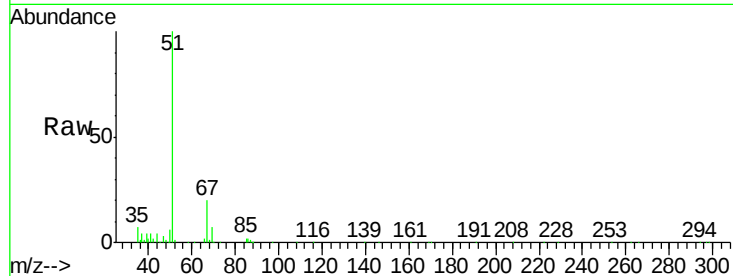
67 17.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#4

Chloromethane

Concen: 0.897 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.01 min

Lab File: VL036435.D

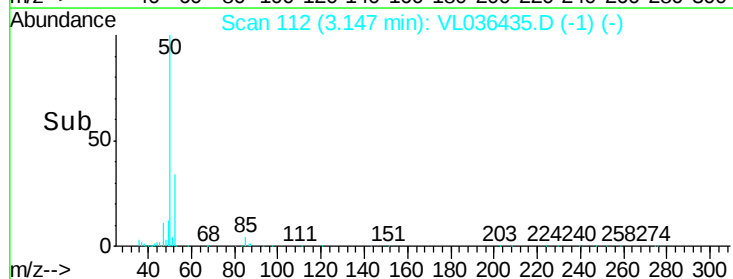
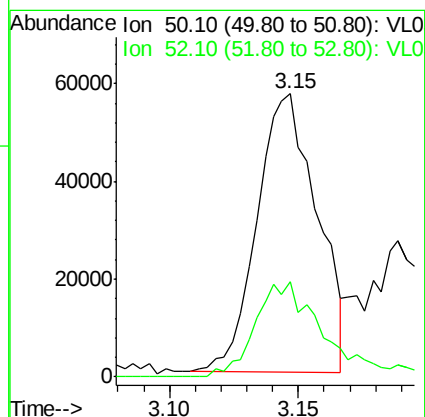
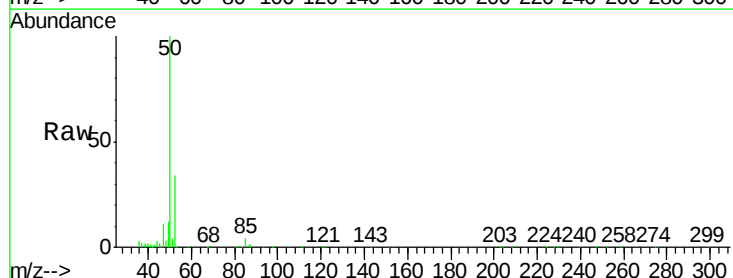
Acq: 3 Mar 2021 10:52

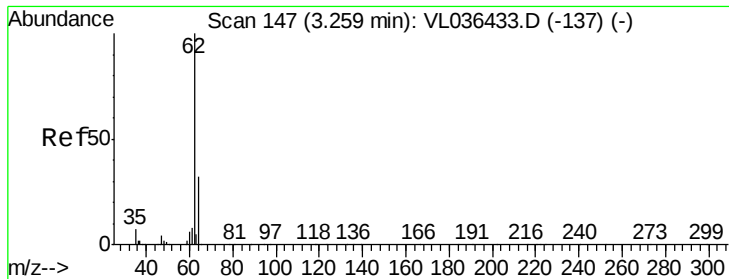
Tgt Ion: 50 Resp: 92332

Ion Ratio Lower Upper

50 100

52 34.2 24.6 36.8





#5

Vinyl Chloride

Concen: 0.906 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:52 VSTDIC001

Tot Ion:

Ion Ratio

62 100

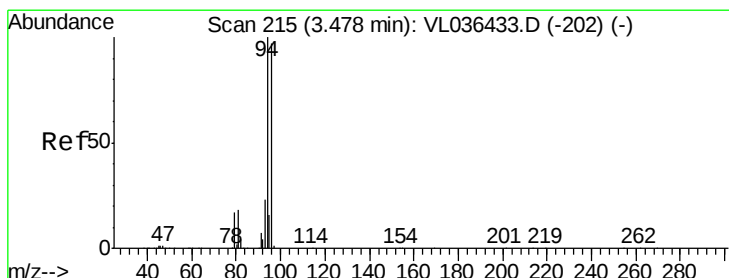
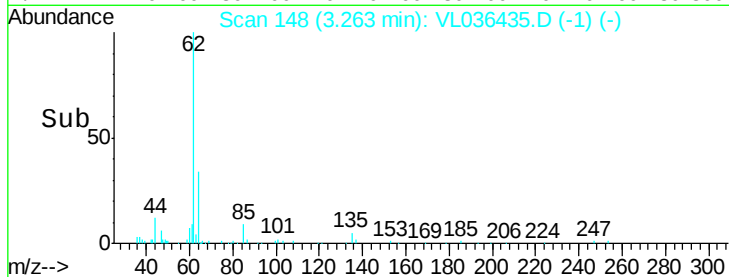
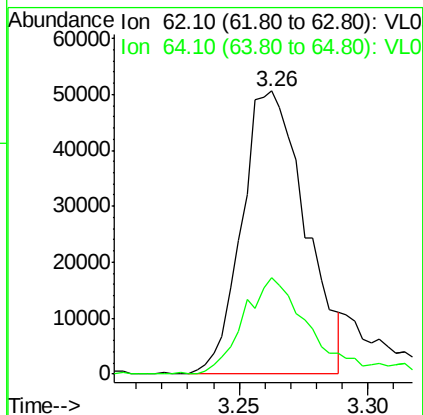
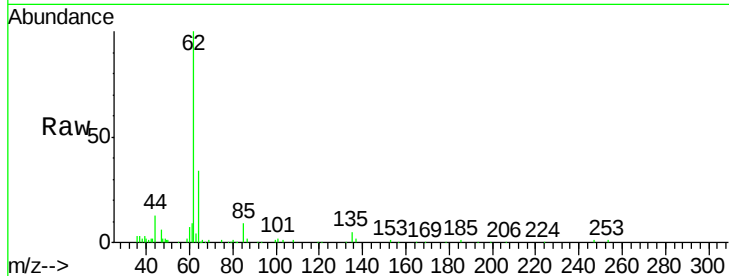
64 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#6

Bromomethane

Concen: 0.970 ppbv

RT: 3.48 min Scan# 215

Delta R.T. -0.00 min

Lab File: VL036435.D

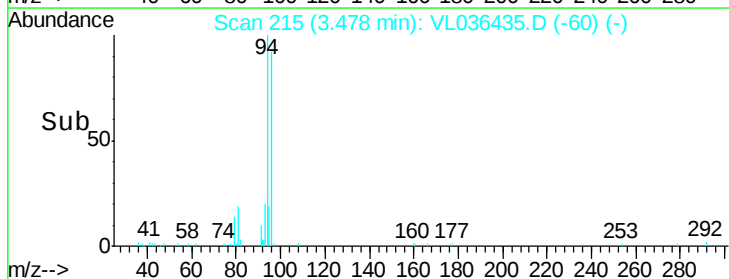
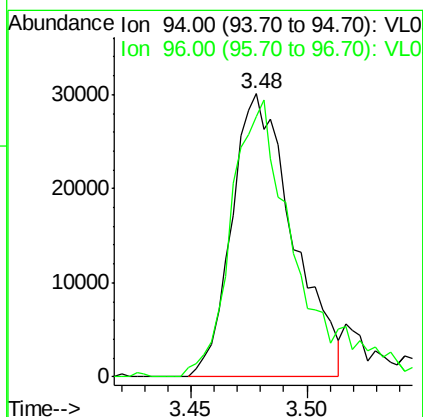
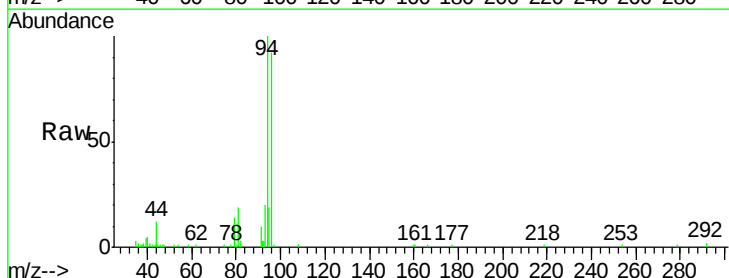
Acq: 3 Mar 2021 10:52

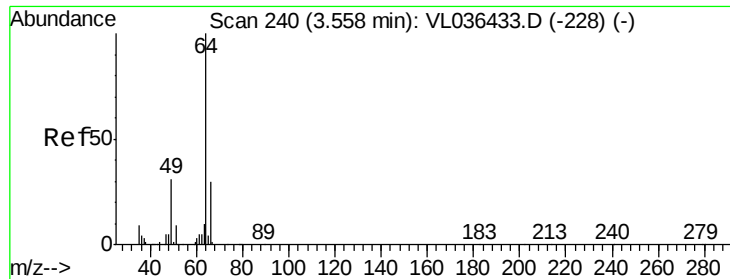
Tgt Ion: 94 Resp: 55282

Ion Ratio Lower Upper

94 100

96 88.7 77.3 115.9





#7

Chloroethane

Concen: 1.049 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:52 VSTDIC001

Tot Ion:

Ion Ratio

64 100

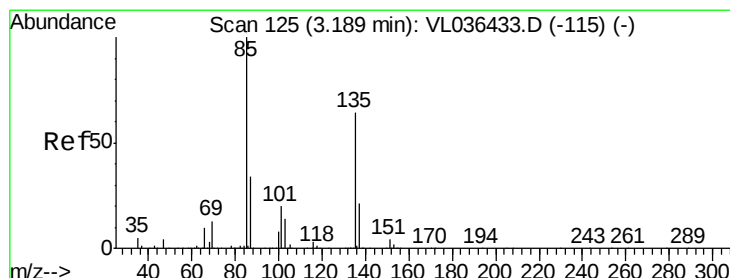
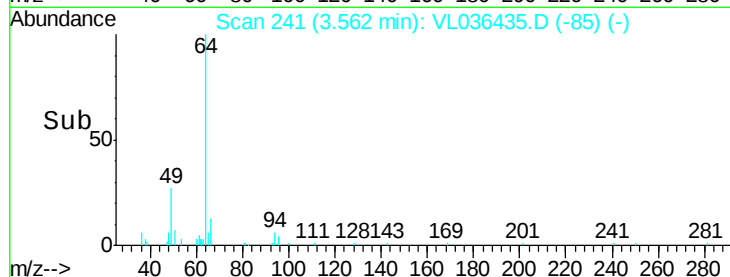
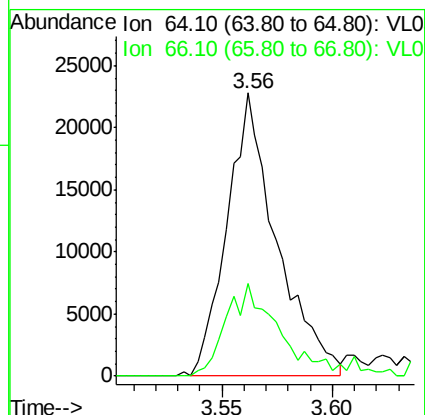
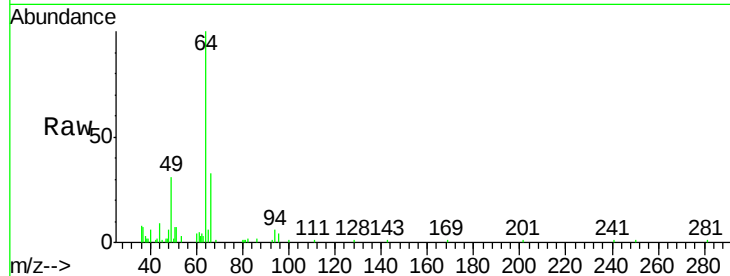
66 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#8

Dichlorotetrafluoroethane

Concen: 1.072 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL036435.D

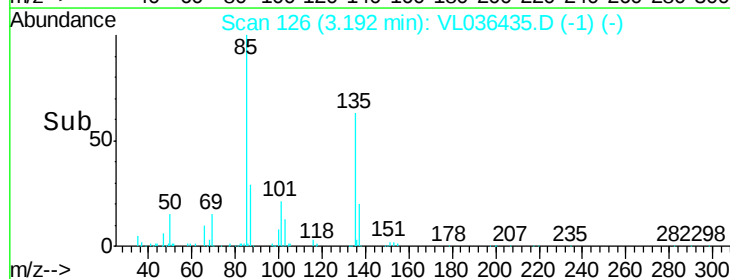
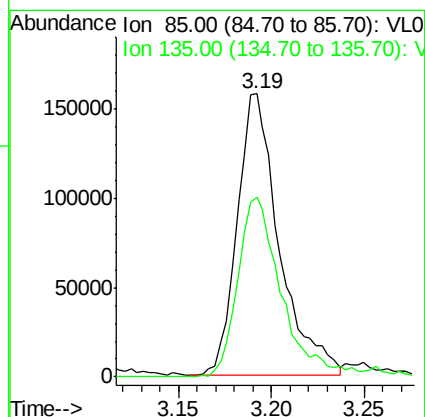
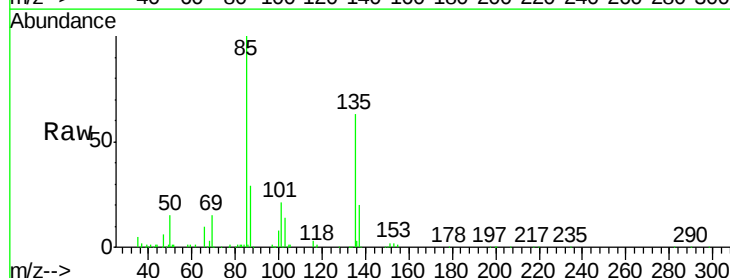
Acq: 3 Mar 2021 10:52

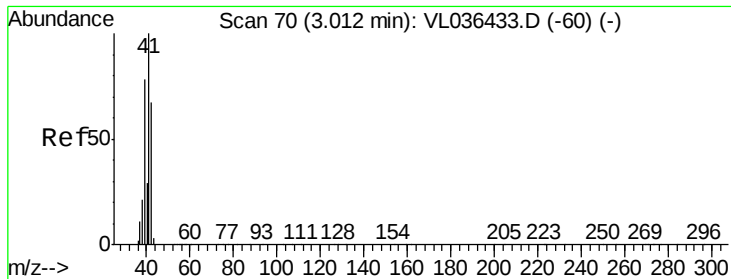
Tgt Ion: 85 Resp: 249581

Ion Ratio Lower Upper

85 100

135 69.2 52.8 79.2



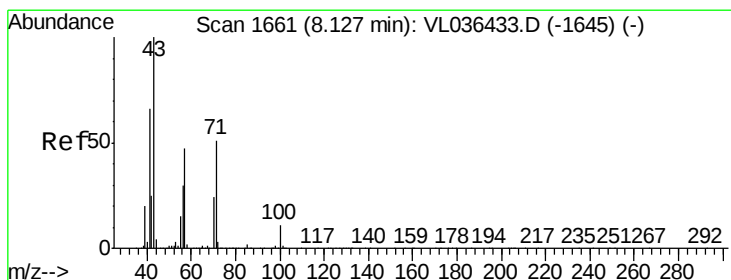
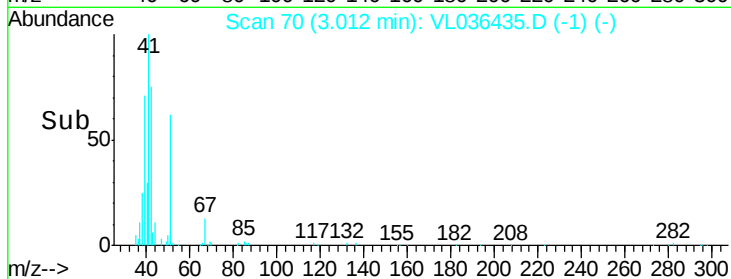
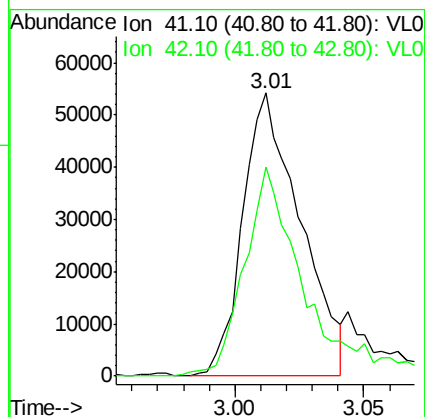
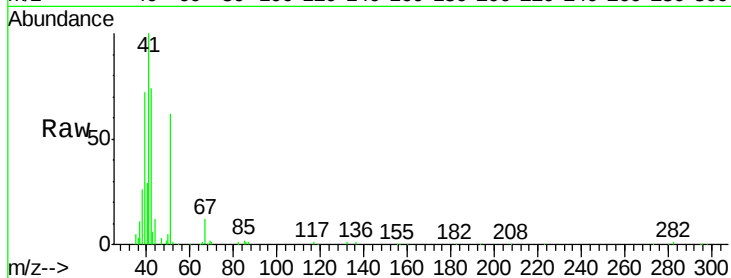


#9
 Propene
 Concen: 1.066 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 3 Mar 2021 10:52

Tot Ion:
 Ion Ratio
 41 100
 42 79.

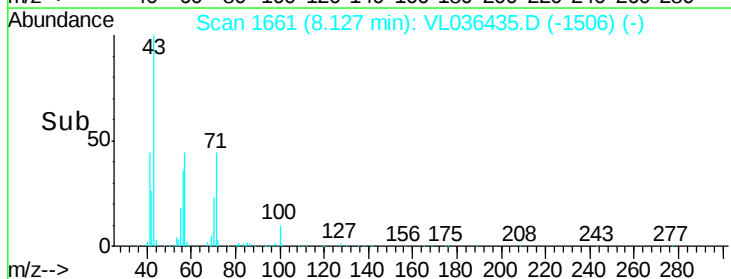
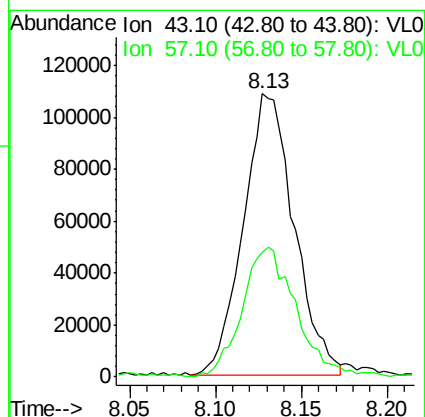
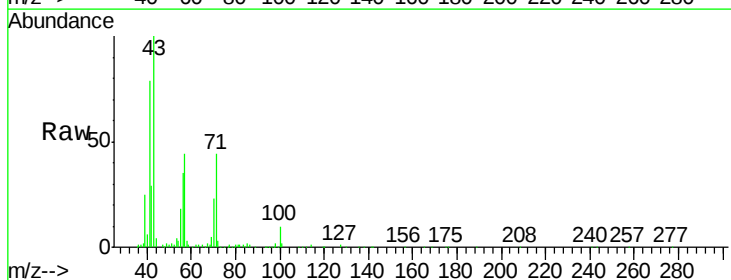
Manual Integrations
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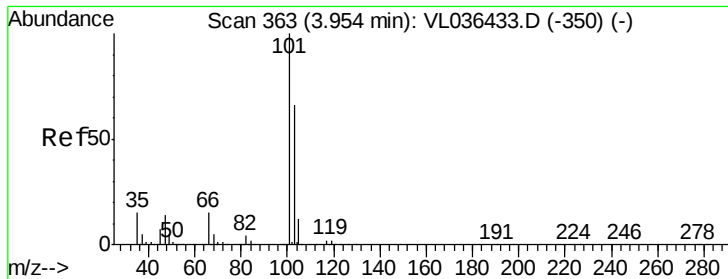
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#10
 Heptane
 Concen: 0.947 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VL036435.D
 Acq: 3 Mar 2021 10:52

Tgt Ion: 43 Resp: 221792
 Ion Ratio Lower Upper
 43 100
 57 47.6 39.1 58.7





#11

Trichlorofluoromethane

Concen: 0.965 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:52 VSTDIC001

Tot Ion:1

Ion Ratio

101 100

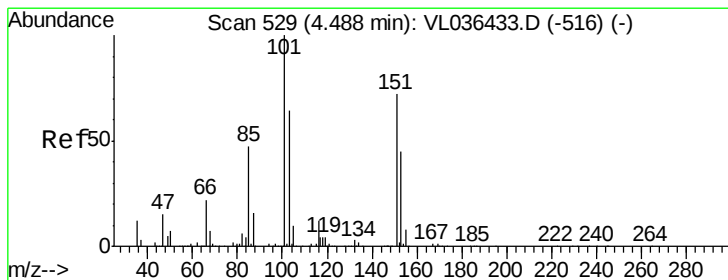
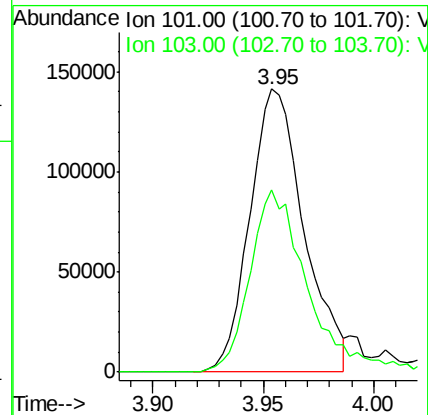
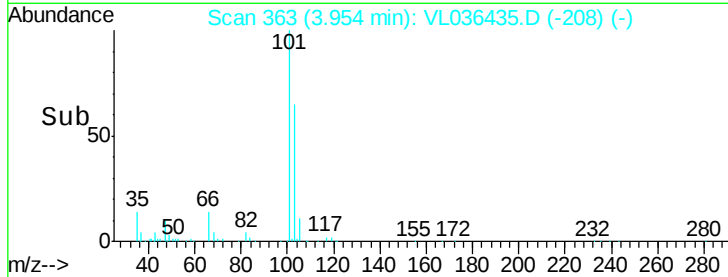
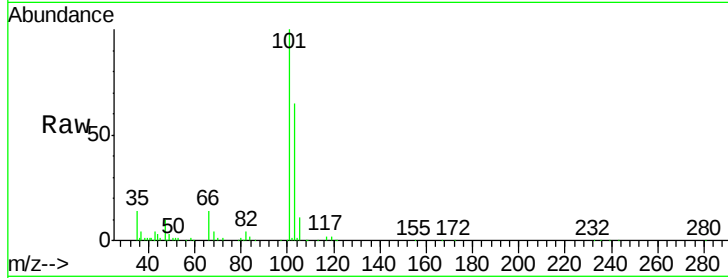
103 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#12

1,1,2-Trichlorotrifluoroethane

Concen: 1.006 ppbv

RT: 4.49 min Scan# 529

Delta R.T. -0.00 min

Lab File: VL036435.D

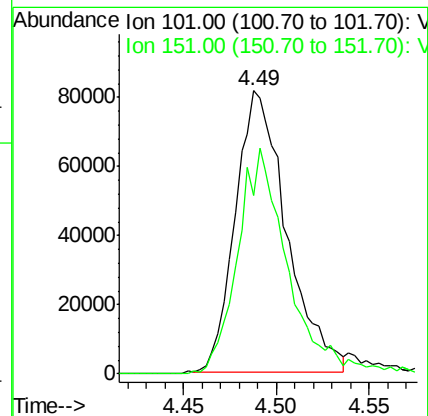
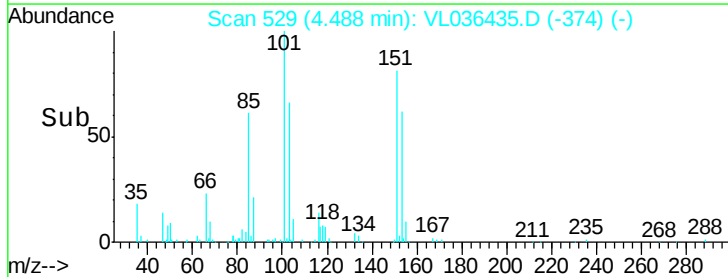
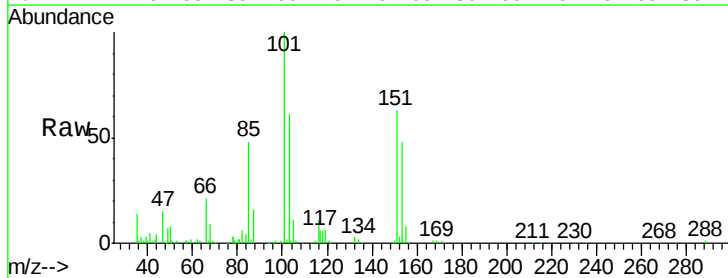
Acq: 3 Mar 2021 10:52

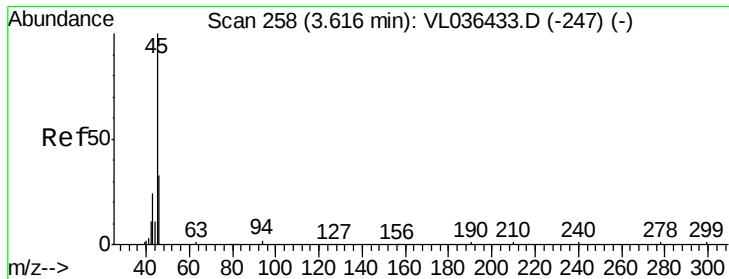
Tgt Ion:101 Resp: 156155

Ion Ratio Lower Upper

101 100

151 79.1 59.0 88.4



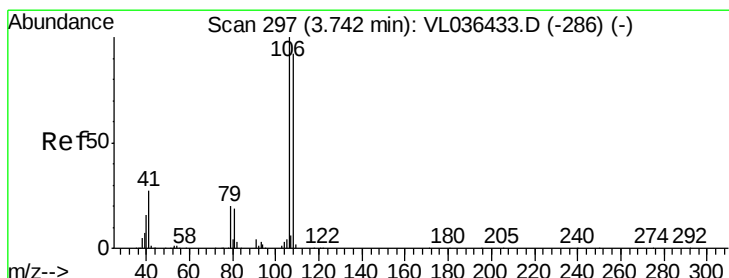
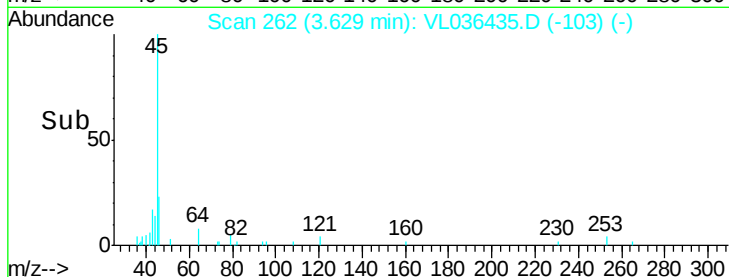
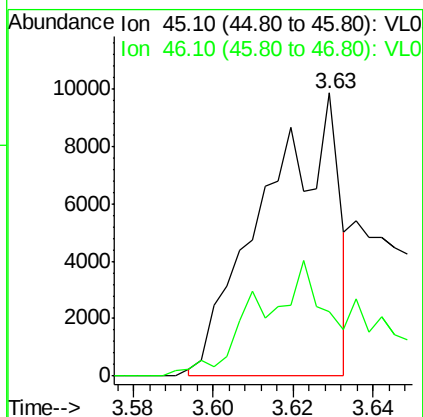
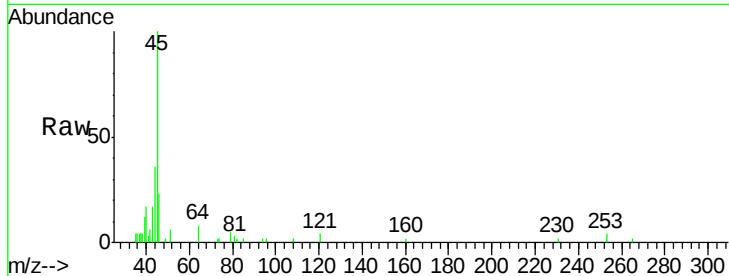


#13
Ethanol
Concen: 0.842 ppbv m
RT: 3.63
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 10:52

Tot Ion:
Ion Ratio
45 100
46 70.

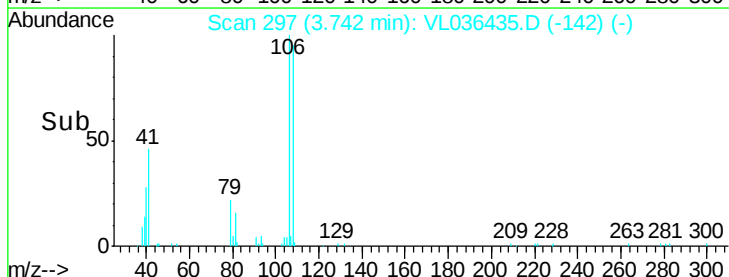
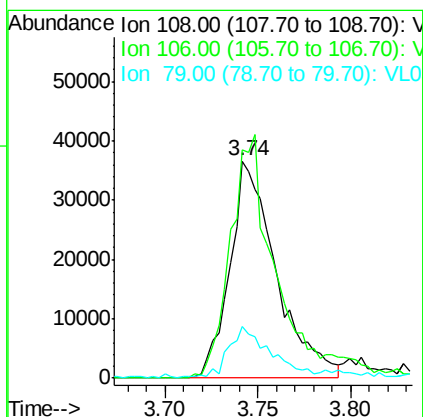
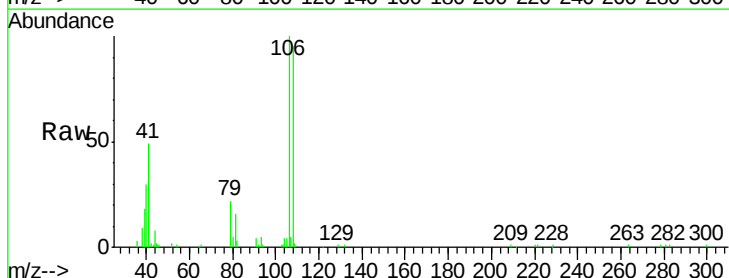
Manual Integrations
APPROVED

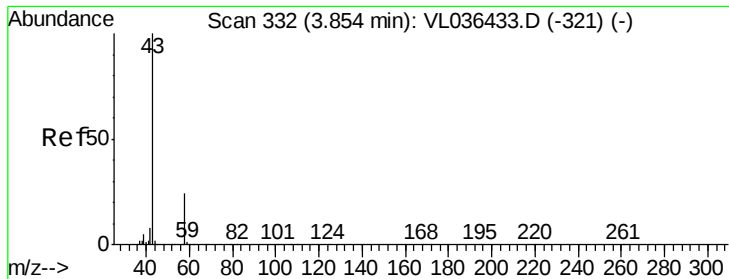
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#14
Bromoethene
Concen: 0.981 ppbv
RT: 3.74 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:108 Resp: 63748
Ion Ratio Lower Upper
108 100
106 114.9 87.0 130.4
79 22.7 17.1 25.7





#15

Acetone

Concen: 1.031 ppbv m

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 10:52 VSTDIC001

Tot Ion:

Ion Ratio

43 100

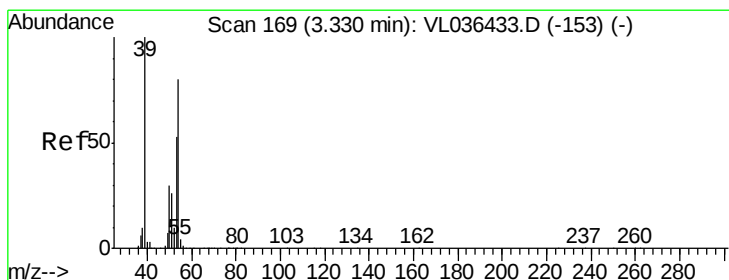
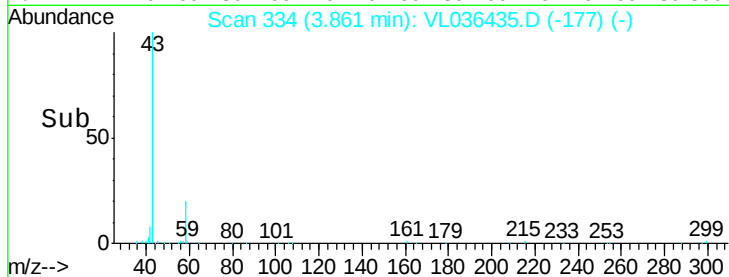
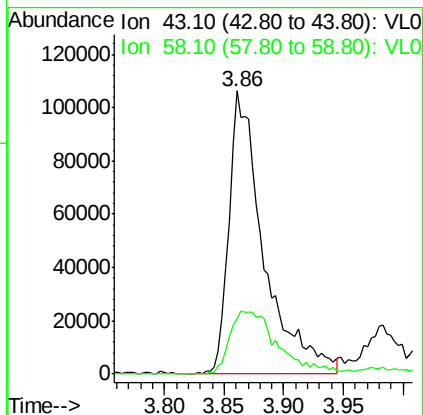
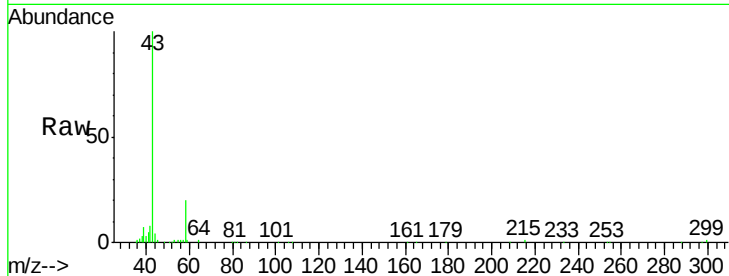
58 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#16

1,3-Butadiene

Concen: 0.936 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.00 min

Lab File: VL036435.D

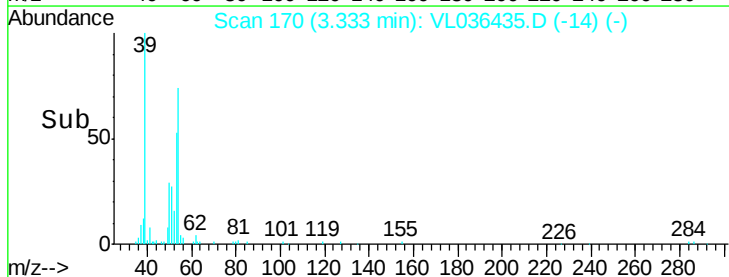
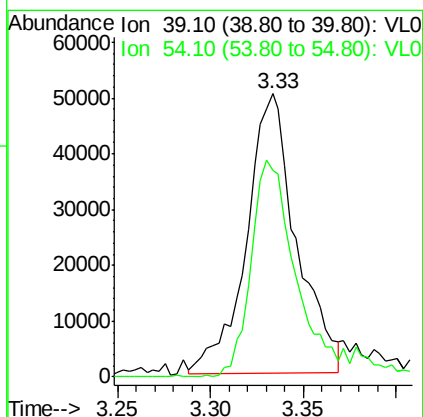
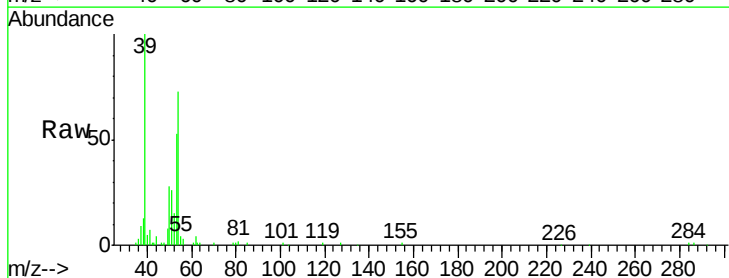
Acq: 3 Mar 2021 10:52

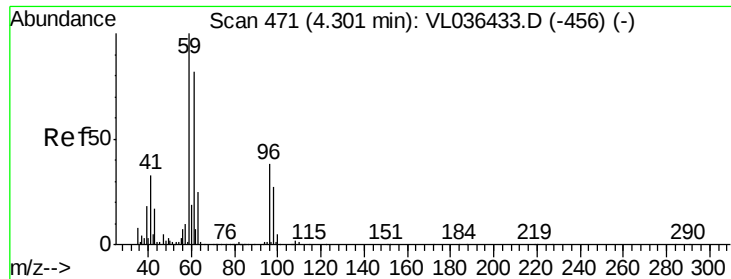
Tgt Ion: 39 Resp: 93780

Ion Ratio Lower Upper

39 100

54 76.6 64.5 96.7





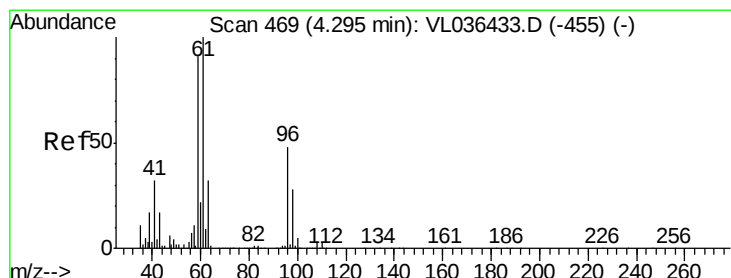
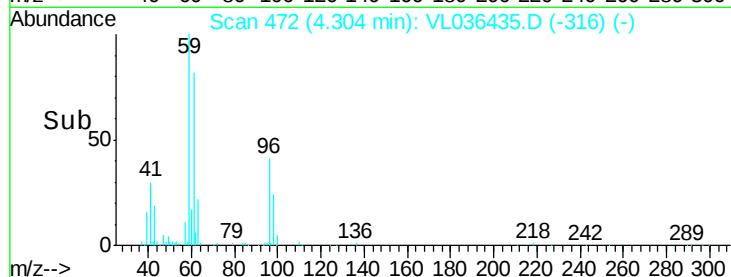
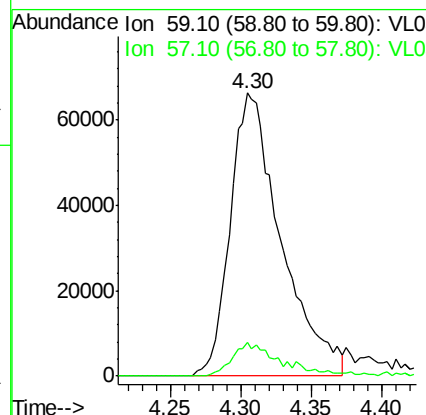
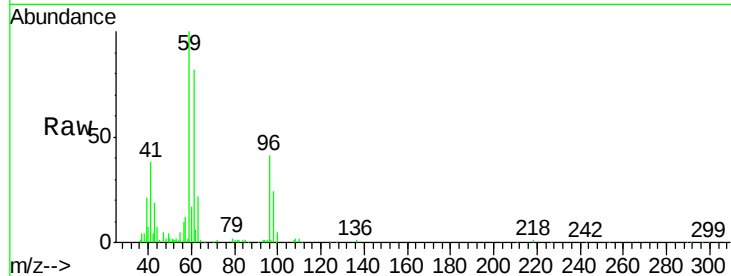
#17

tert-Butyl alcohol
Concen: 1.026 ppbv
RT: 4.30
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 10:52

Tot Ion:
Ion Ratio
59 100
57 11.

Manual Integrations
APPROVED

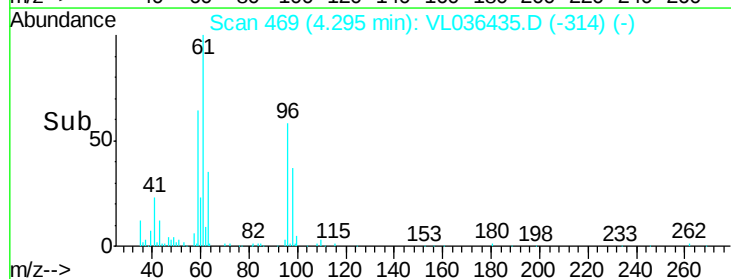
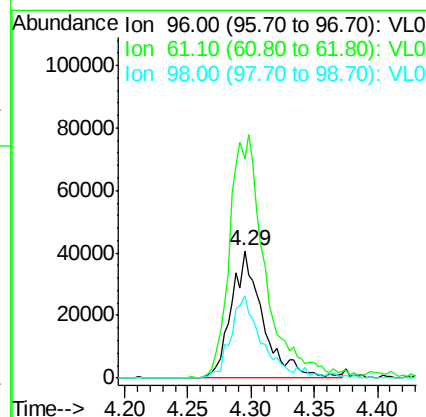
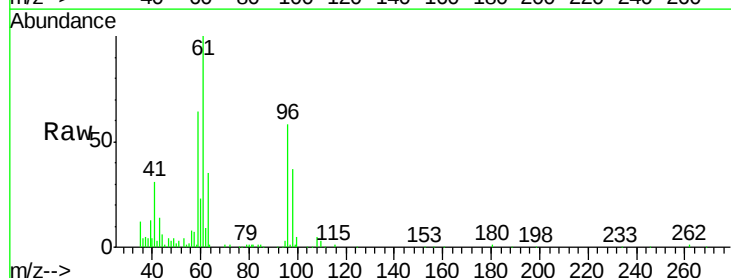
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021

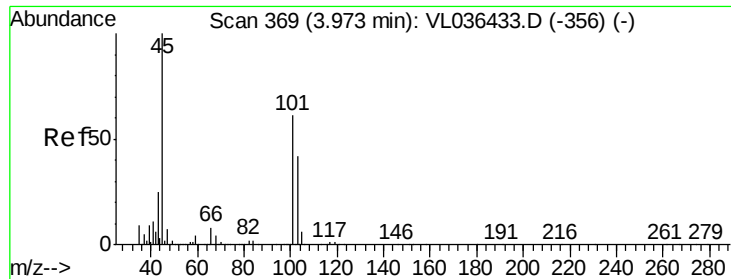


#18

1,1-Dichloroethene
Concen: 1.019 ppbv m
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 96 Resp: 71877
Ion Ratio Lower Upper
96 100
61 172.0 168.2 252.2
98 64.2 47.8 71.6





#19

Isopropyl Alcohol

Concen: 1.101 ppbv m

RT: 3.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:52 VSTDIC001

Tot Ion:

Ion Ratio

45 100

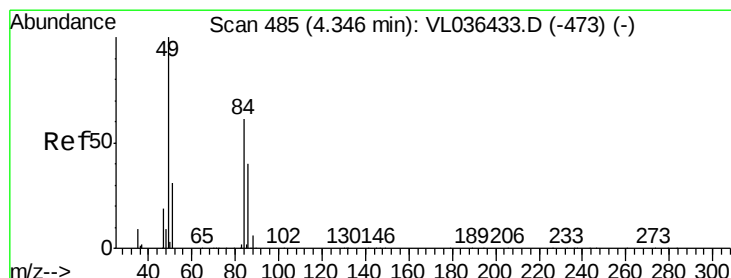
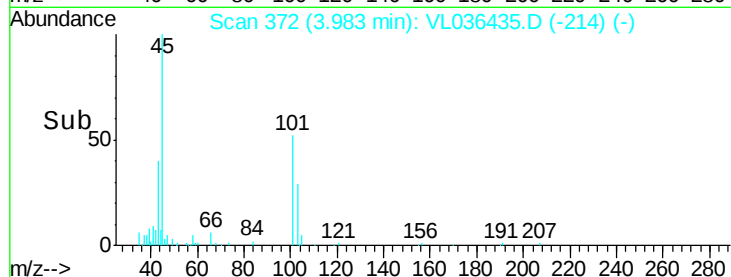
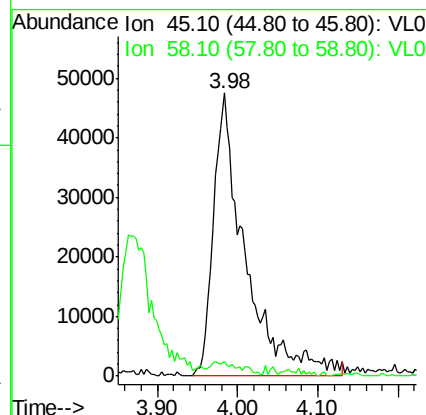
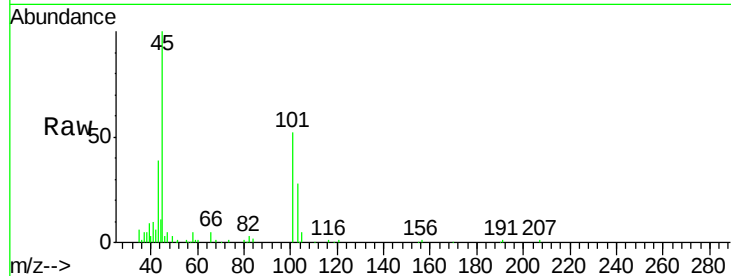
58 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#20

Methylene Chloride

Concen: 1.119 ppbv m

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL036435.D

Acq: 3 Mar 2021 10:52

Tgt Ion: 84 Resp: 75687

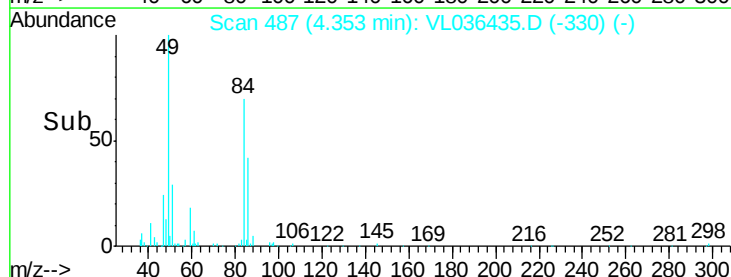
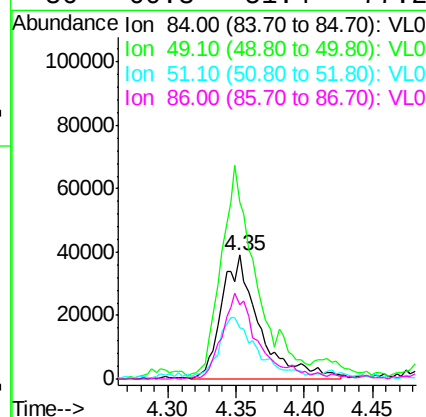
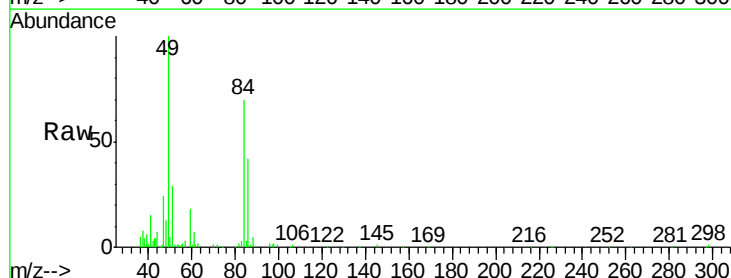
Ion Ratio Lower Upper

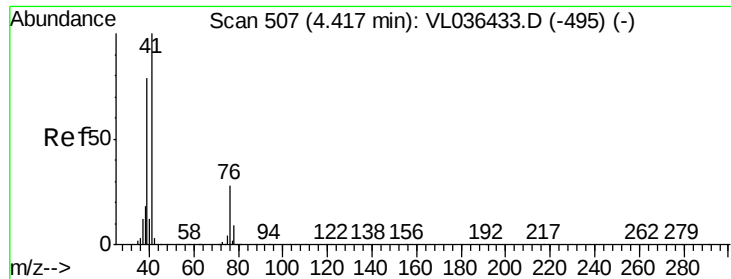
84 100

49 143.2 130.2 195.2

51 41.8 40.5 60.7

86 60.3 51.4 77.2



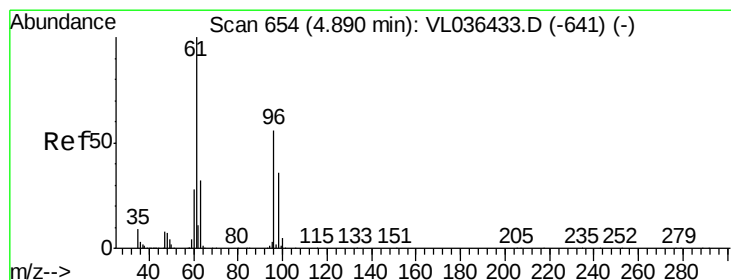
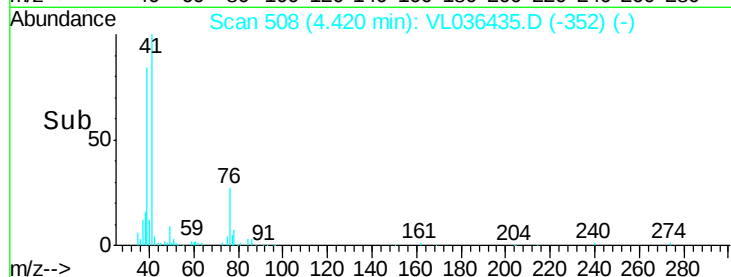
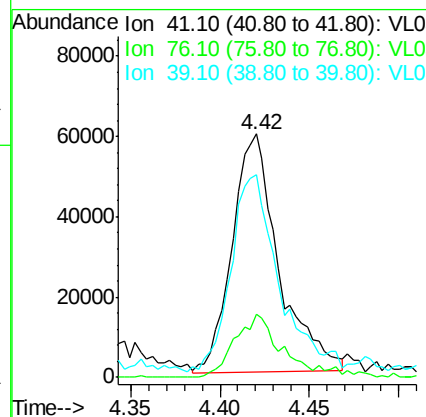
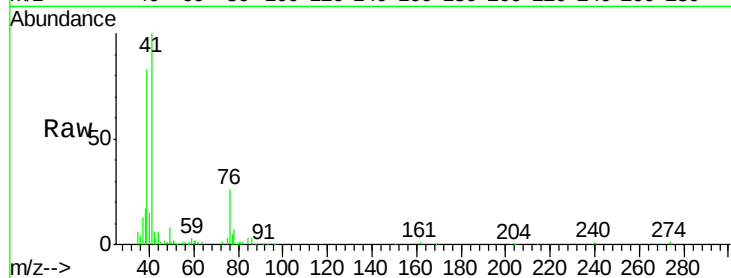


#21
 Allvl Chloride
 Concen: 0.933 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 10:52

Tot Ion:
 Ion Ratio
 41 100
 76 27.
 39 93.

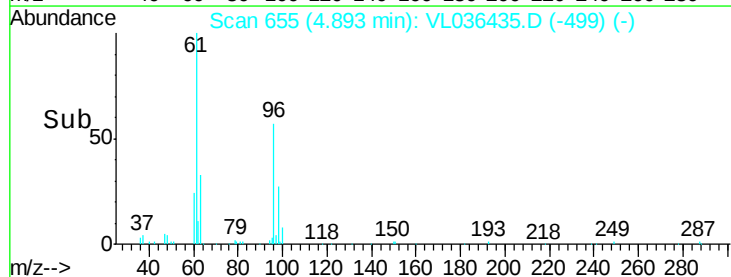
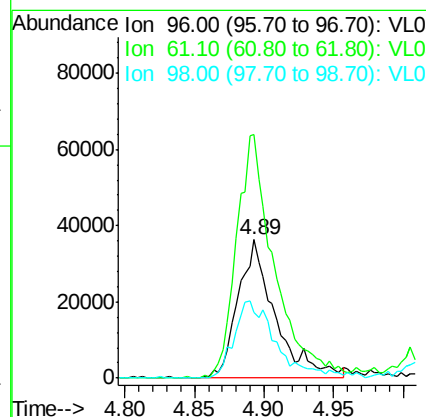
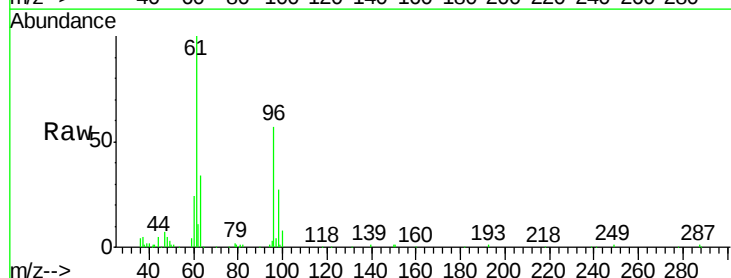
Manual Integrations
 APPROVED

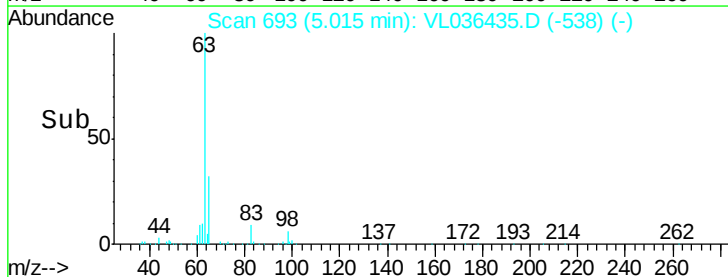
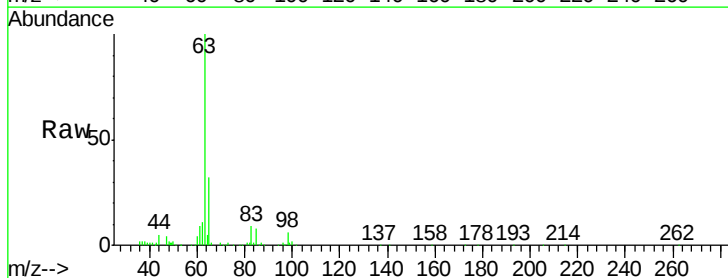
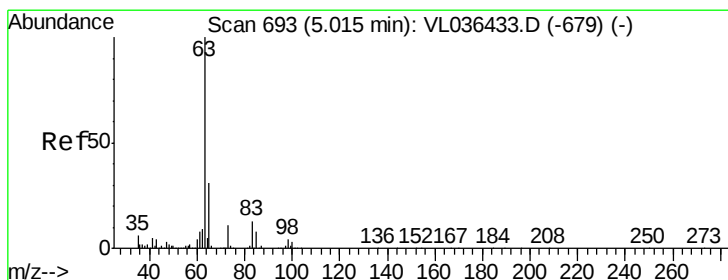
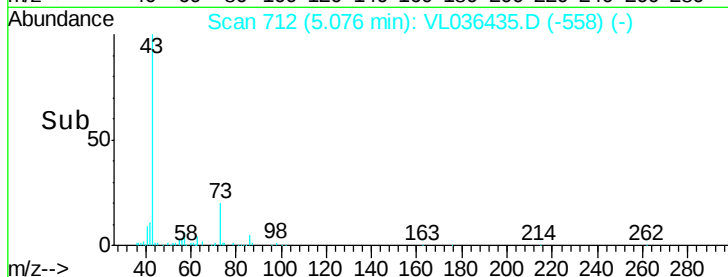
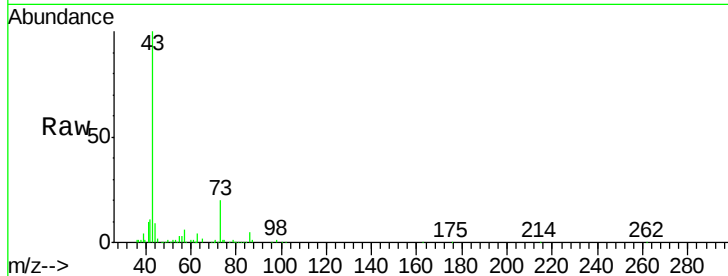
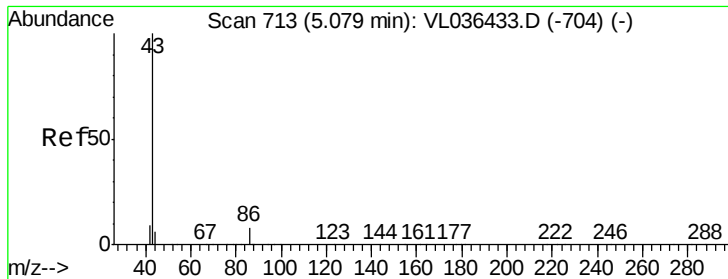
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#22
 trans-1,2-Dichloroethene
 Concen: 1.058 ppbv m
 RT: 4.89 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VL036435.D
 Acq: 3 Mar 2021 10:52

Tgt Ion: 96 Resp: 67796
 Ion Ratio Lower Upper
 96 100
 61 176.0 142.1 213.1
 98 47.4 50.6 75.8#





#23

Vinyl Acetate

Concen: 0.863 ppbv

RT: 5.08 Instrument: MSVOA_1

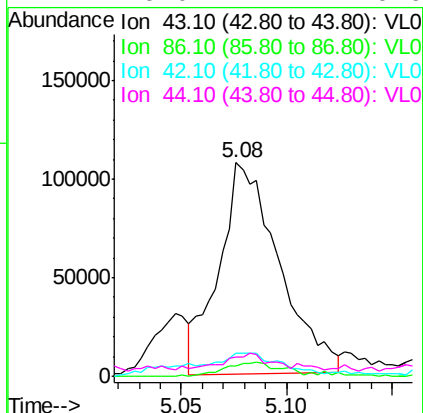
Delta R.T. ClientSampleId:

Lab File: VSTDIC001

Acq: 3 Mar 2021 10:52

Tot Ion: Manual Integrations
Ion Ratio APPROVED
43 100
86 4.
42 10.
44 6.0 4.4 6.6

Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#24

1,1-Dichloroethane

Concen: 0.985 ppbv

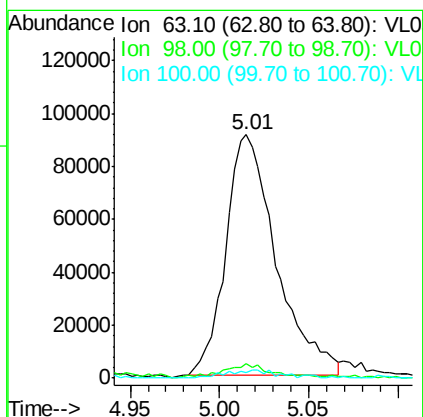
RT: 5.01 min Scan# 693

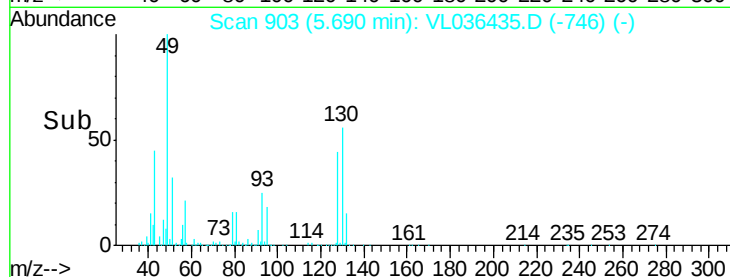
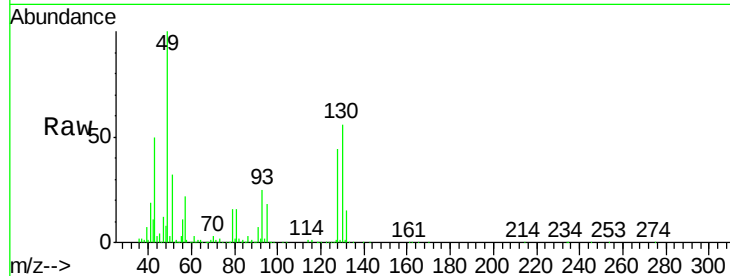
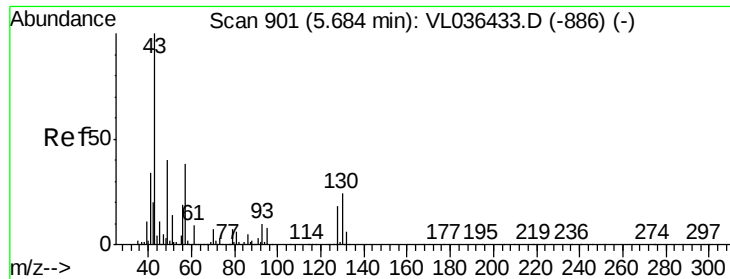
Delta R.T. -0.00 min

Lab File: VL036435.D

Acq: 3 Mar 2021 10:52

Tgt Ion: 63 Resp: 179607
Ion Ratio Lower Upper
63 100
98 5.3 2.0 5.8
100 2.2 1.3 3.8



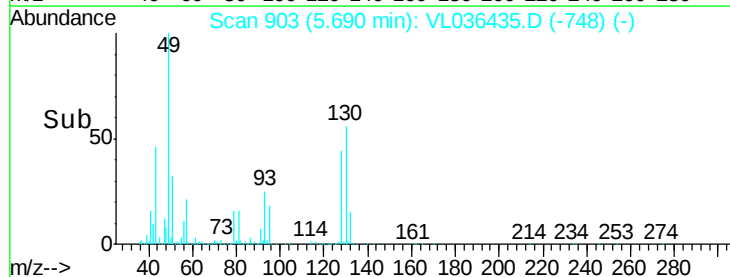
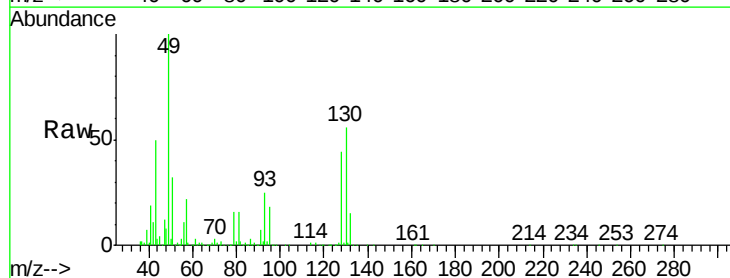
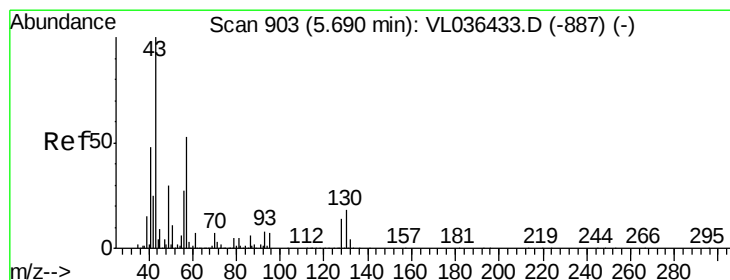
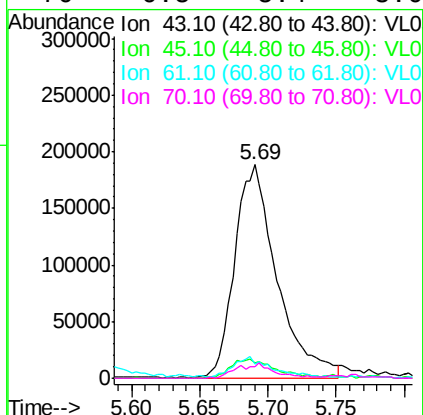


#25
Ethyl Acetate
Concen: 0.999 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 10:52

Tot Ion:
Ion Ratio
43 100
45 11.
61 10.
70 6.5 5.4 8.0

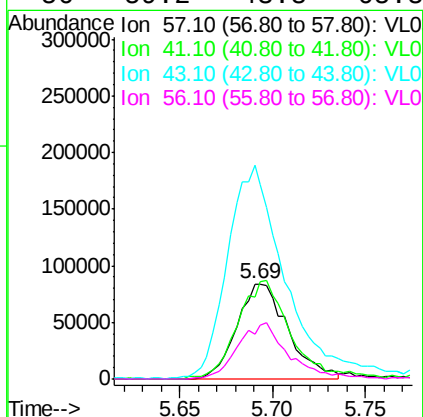
Manual Integrations
APPROVED

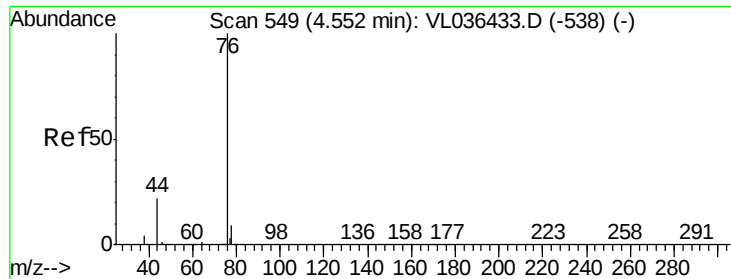
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#26
Hexane
Concen: 0.969 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 57 Resp: 161115
Ion Ratio Lower Upper
57 100
41 110.6 80.4 120.6
43 262.0 199.8 299.6
56 59.2 43.8 65.8



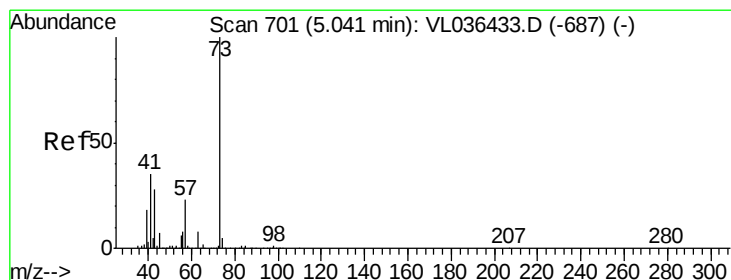
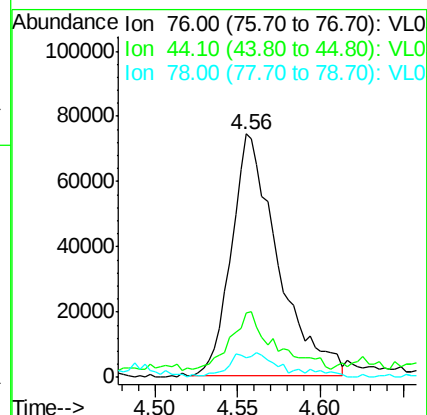
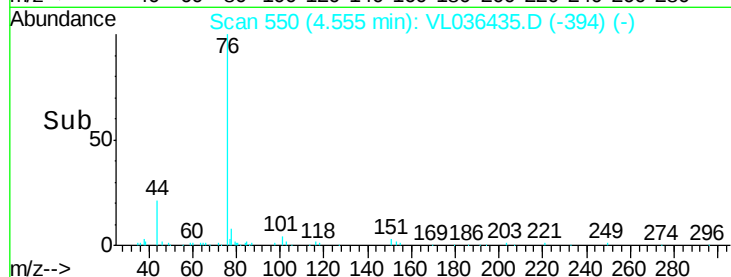
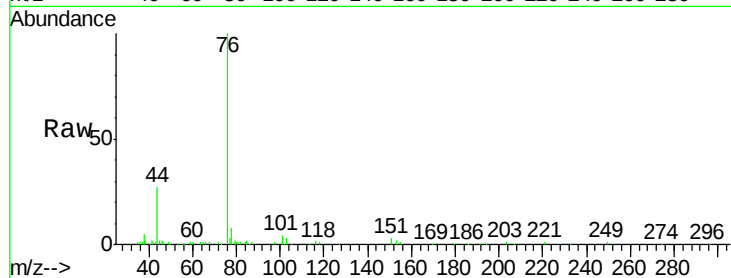


#27
Carbon Disulfide
Concen: 0.945 ppbv
RT: 4.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 10:52

Tot Ion:
Ion Ratio
76 100
44 28.
78 12.

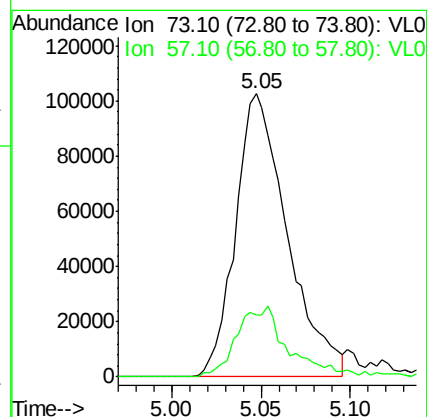
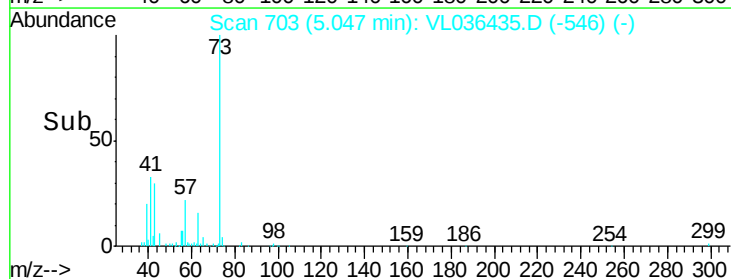
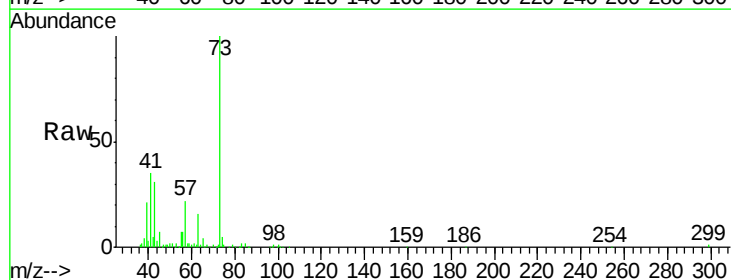
Manual Integrations
APPROVED

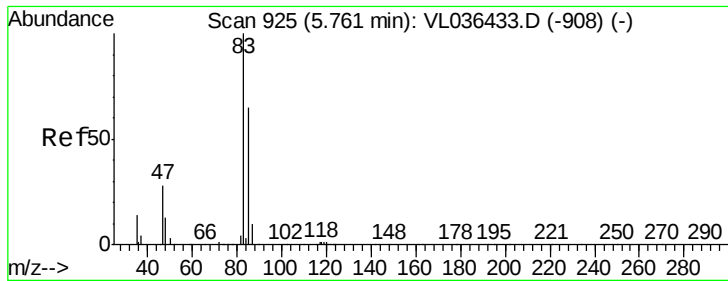
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#28
Methyl tert-Butyl Ether
Concen: 0.953 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.01 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 73 Resp: 207033
Ion Ratio Lower Upper
73 100
57 25.8 19.0 28.6



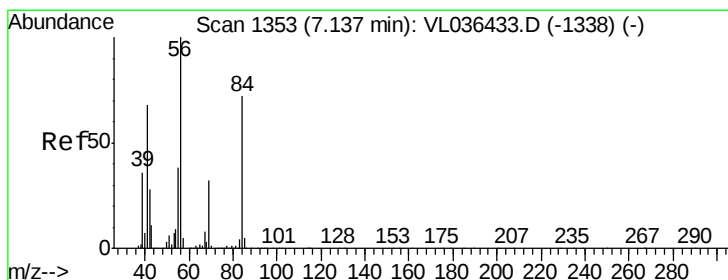
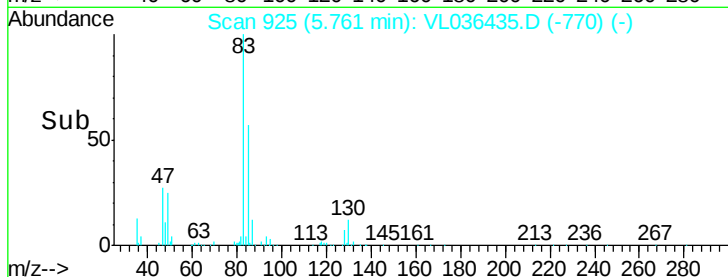
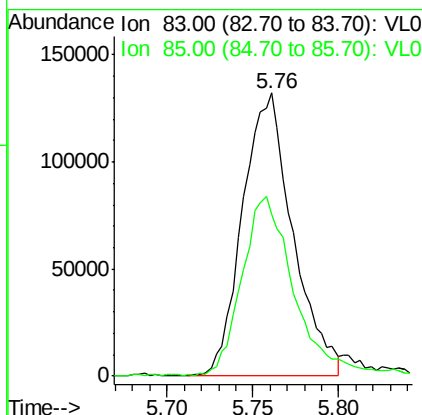
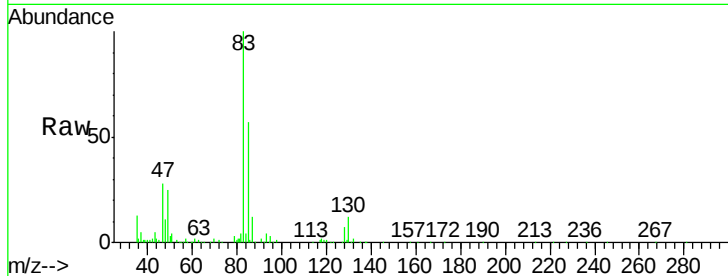


#29
Chloroform
Concen: 1.002 ppbv
RT: 5.76
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 10:52

Tot Ion:
Ion Ratio
83 100
85 56.

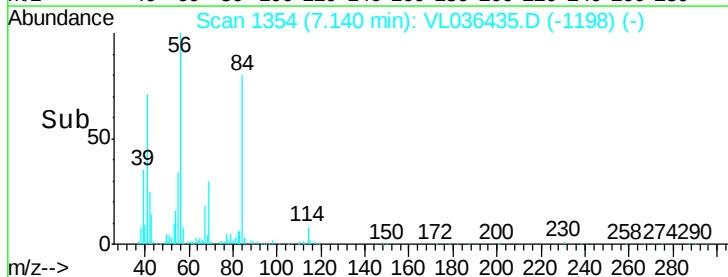
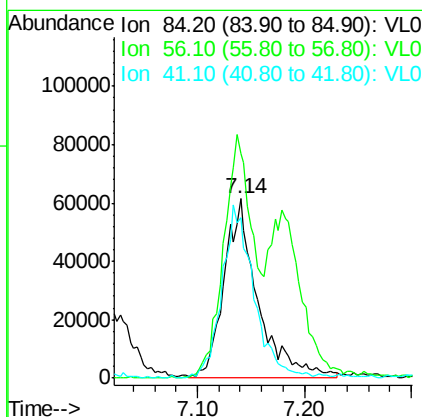
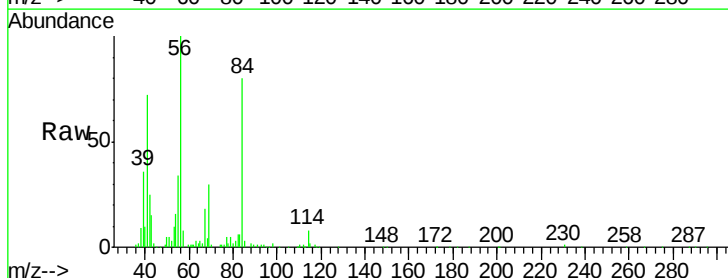
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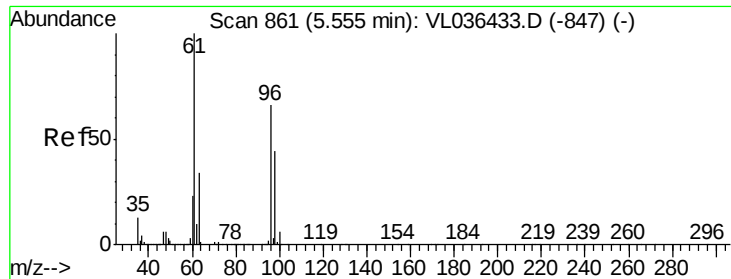
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#30
Cyclohexane
Concen: 0.985 ppbv m
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 84 Resp: 136215
Ion Ratio Lower Upper
84 100
56 109.6 117.6 176.4#
41 92.6 75.9 113.9





#31

cis-1,2-Dichloroethene

Concen: 0.893 ppbv

RT: 5.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC001

Acq: 3 Mar 2021 10:52

Tot Ion:

Ion Ratio

61 100

96 58.

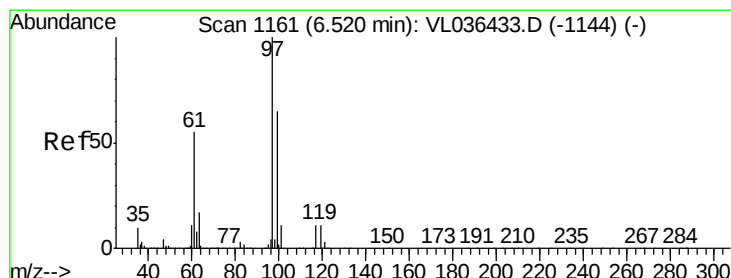
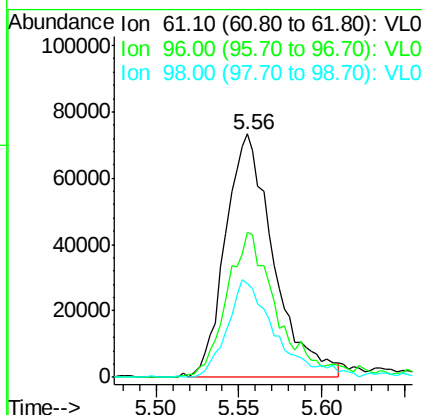
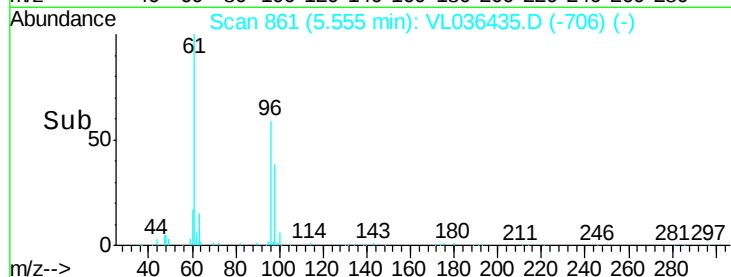
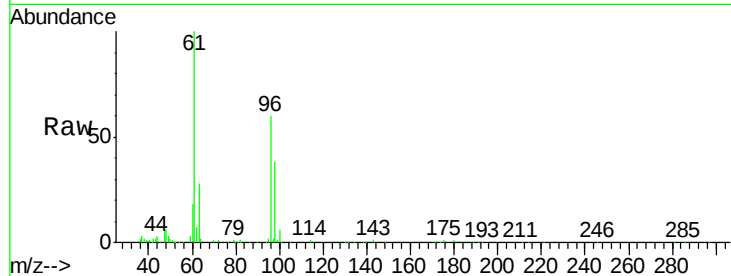
98 38.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#32

1,1,1-Trichloroethane

Concen: 1.010 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VL036435.D

Acq: 3 Mar 2021 10:52

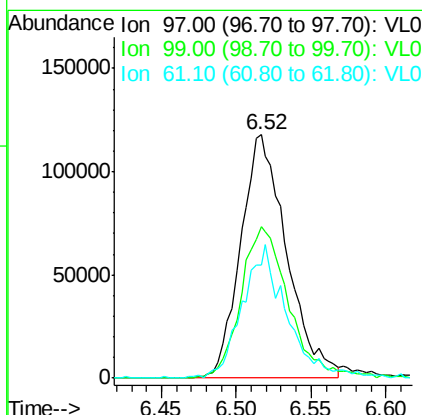
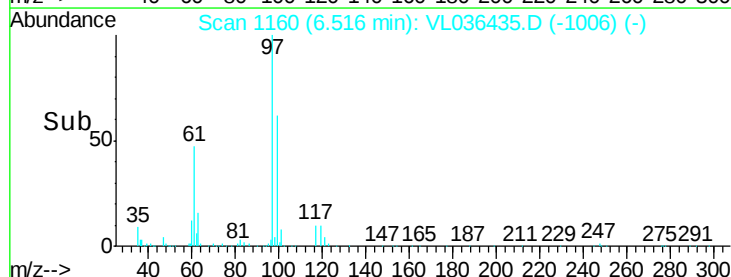
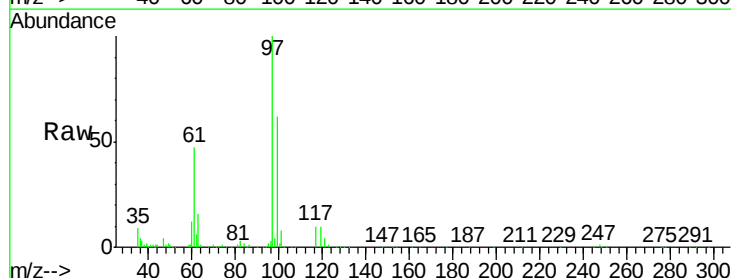
Tgt Ion: 97 Resp: 253051

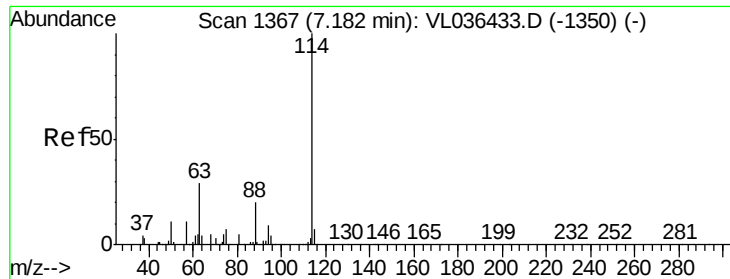
Ion Ratio Lower Upper

97 100

99 64.8 52.1 78.1

61 53.1 42.2 63.4



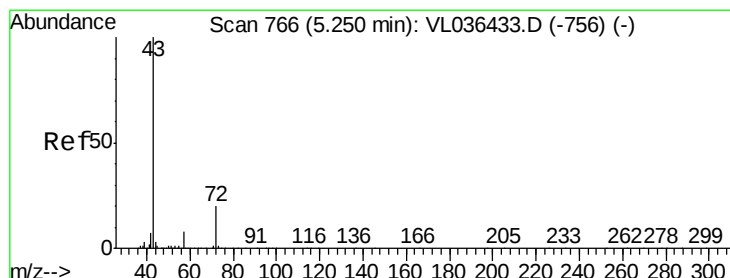
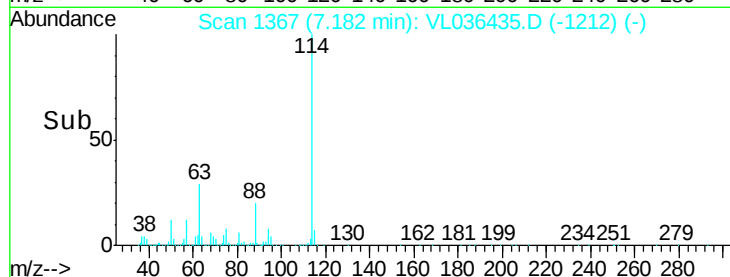
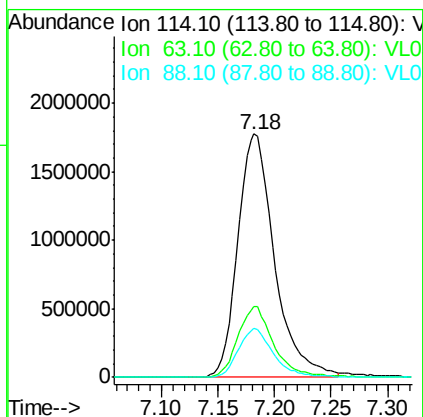
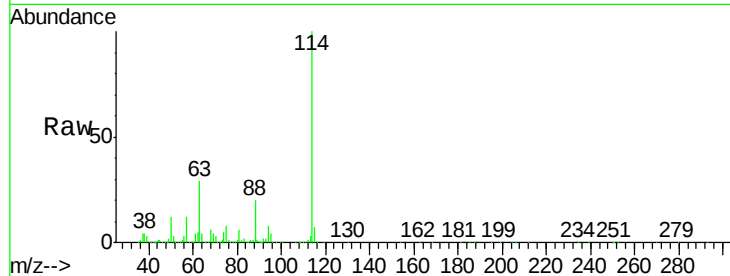


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 10:52

Tot Ion:1
 Ion Rati
 114 100
 63 28.
 88 19.

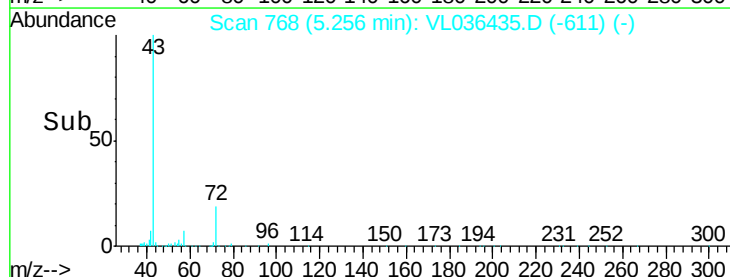
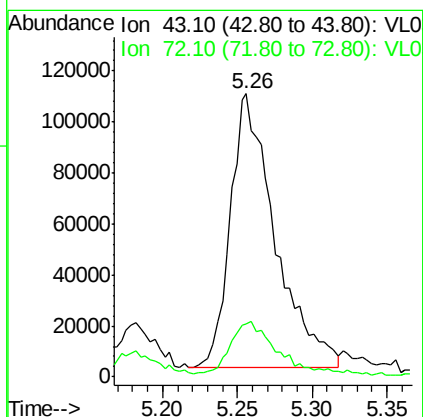
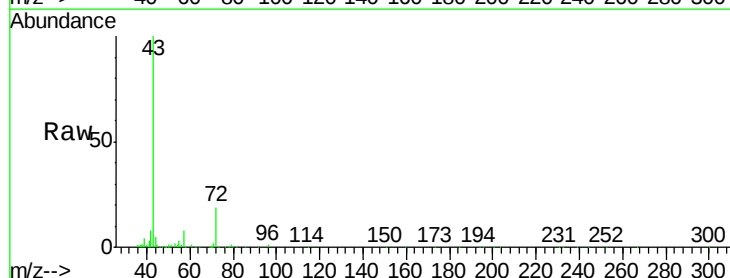
Manual Integrations
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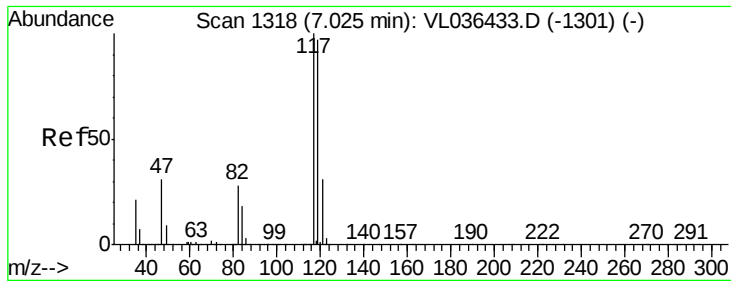
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#34
 2-Butanone
 Concen: 0.843 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL036435.D
 Acq: 3 Mar 2021 10:52

Tgt Ion: 43 Resp: 224726
 Ion Ratio Lower Upper
 43 100
 72 24.6 16.7 25.1



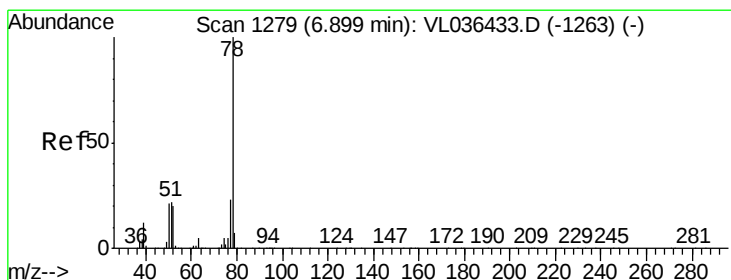
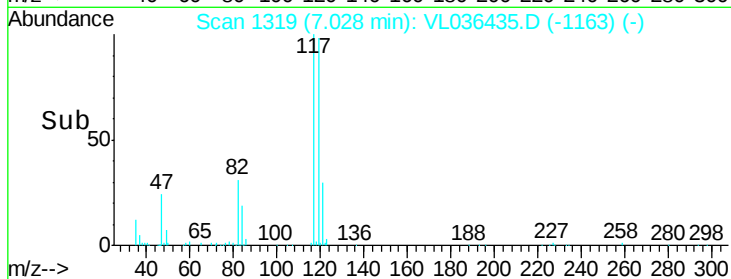
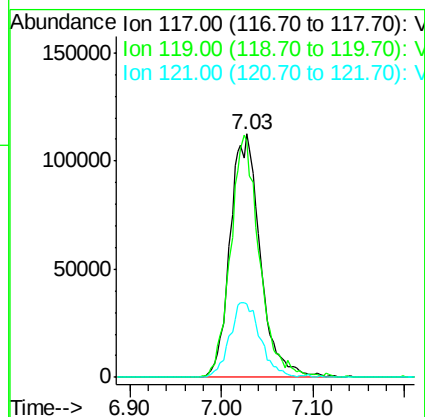
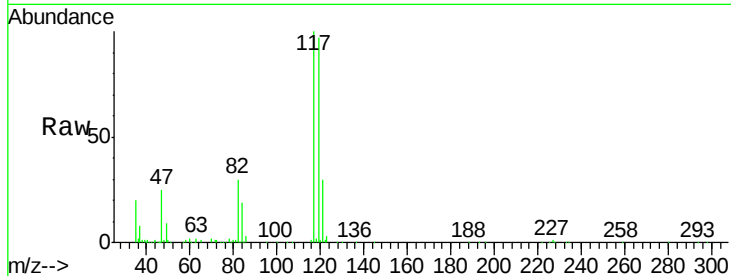


#35
Carbon Tetrachloride
Concen: 0.957 ppbv m
RT: 7.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 10:52

Tot Ion:1
Ion Rati
117 100
119 96.
121 30.

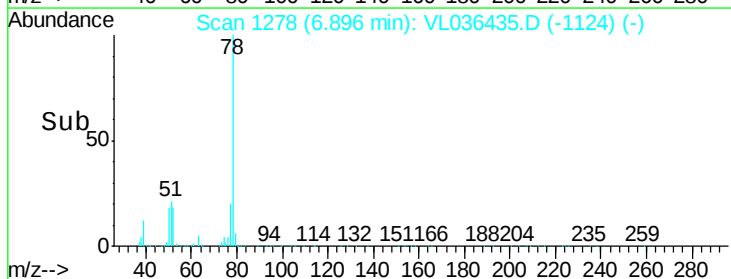
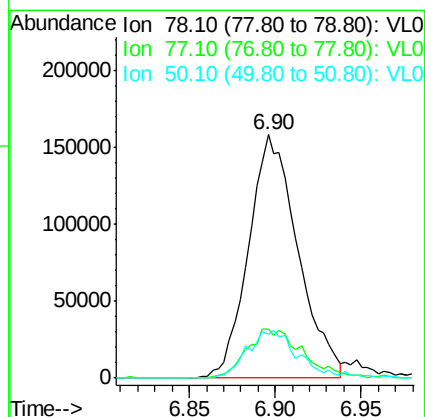
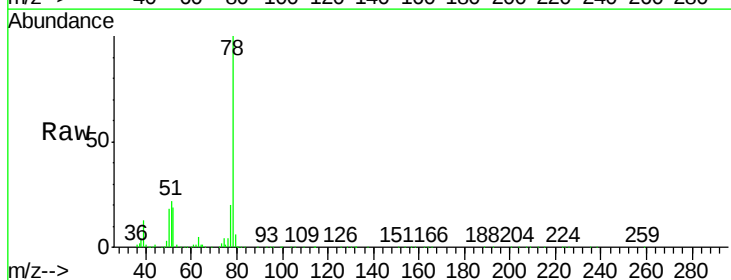
Manual Integrations
APPROVED

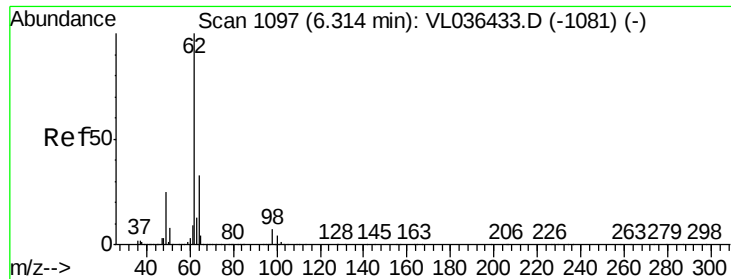
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#36
Benzene
Concen: 0.917 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 78 Resp: 312577
Ion Ratio Lower Upper
78 100
77 20.3 18.1 27.1
50 17.8 16.8 25.2



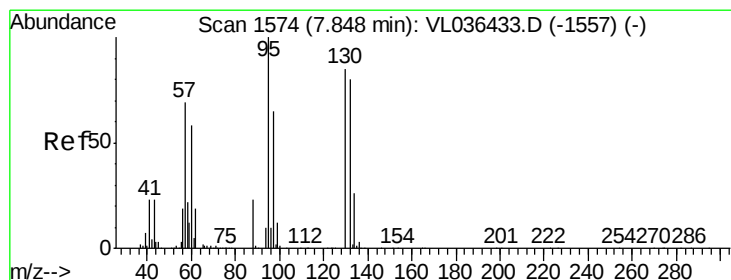
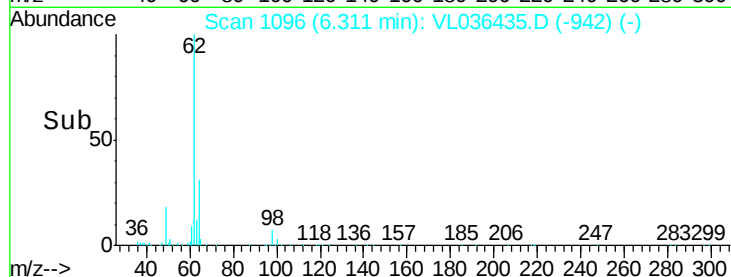
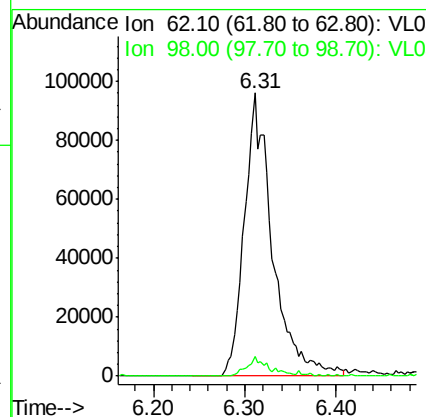
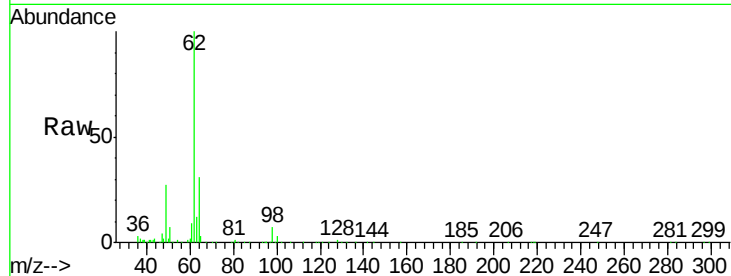


#37
 1,2-Dichloroethane
 Concen: 0.973 ppbv m
 RT: 6.31
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 3 Mar 2021 10:52

Tot Ion:
 Ion Ratio
 62 100
 98 6.

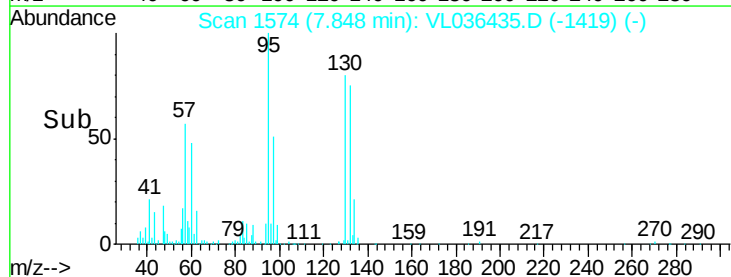
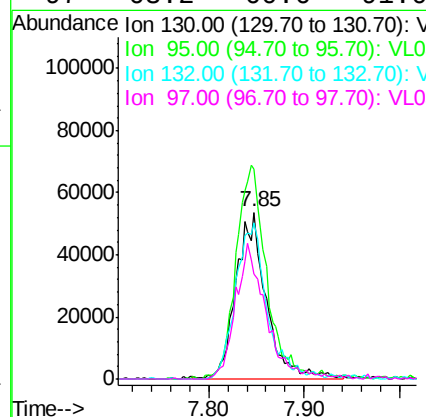
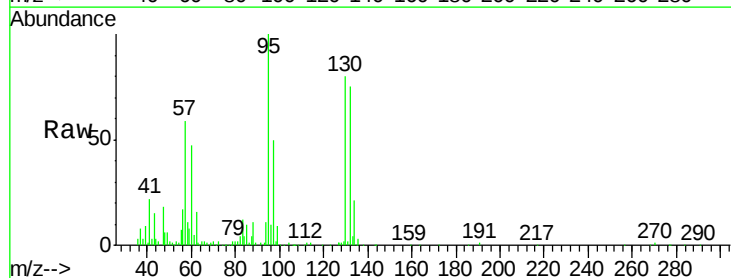
Manual Integrations
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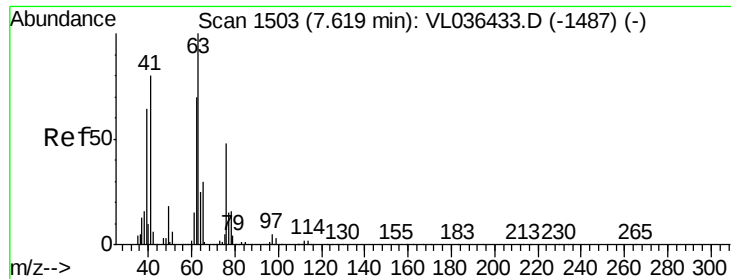
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#38
 Trichloroethene
 Concen: 0.976 ppbv m
 RT: 7.85 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VL036435.D
 Acq: 3 Mar 2021 10:52

Tgt Ion:130 Resp: 119117
 Ion Ratio Lower Upper
 130 100
 95 125.7 93.8 140.8
 132 93.9 74.6 112.0
 97 63.2 60.6 91.0



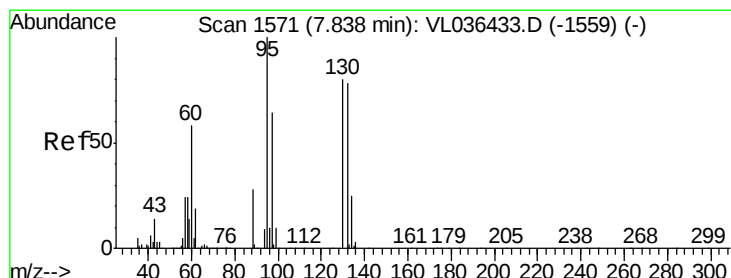
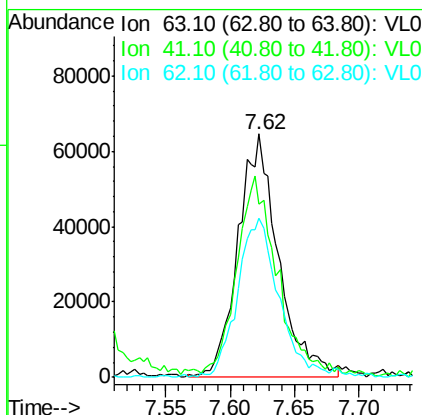
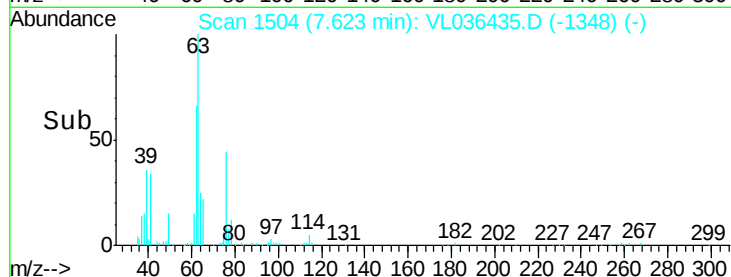
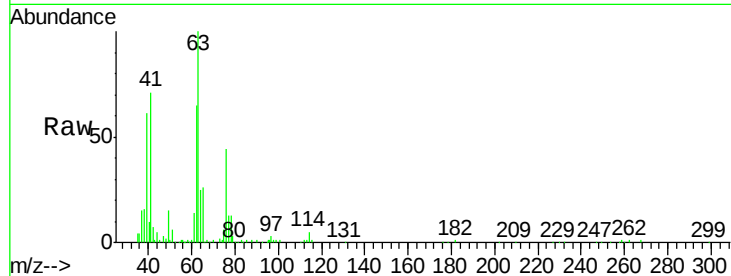


#39
 1,2-Dichloropropane
 Concen: 1.017 ppbv m
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 3 Mar 2021 10:52

Tot Ion:
 Ion Ratio
 63 100
 41 71.
 62 65.

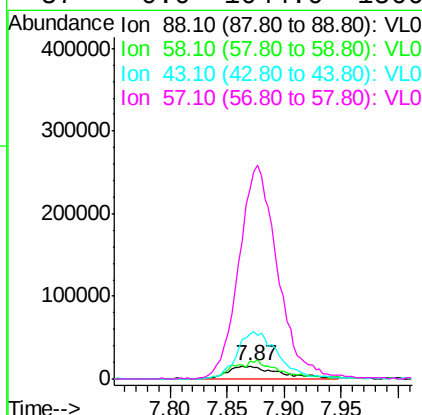
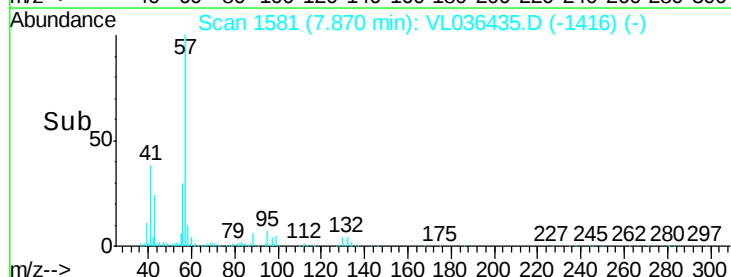
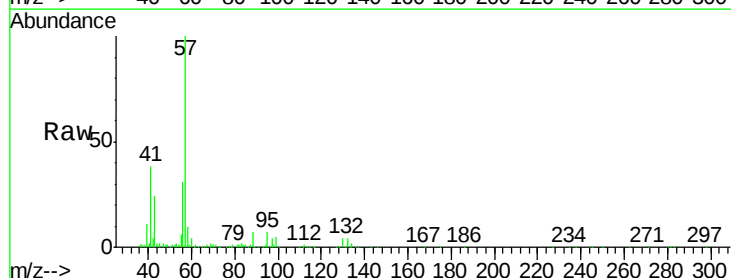
Manual Integrations
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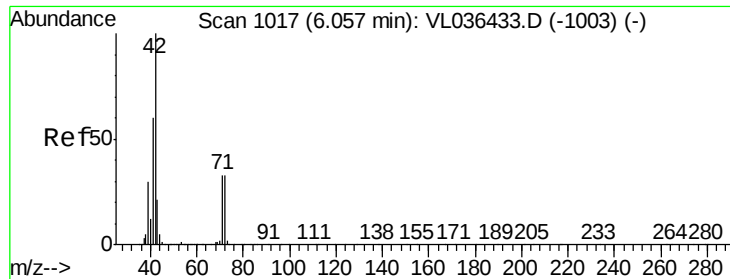
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#40
 1,4-Dioxane
 Concen: 1.059 ppbv m
 RT: 7.87 min Scan# 1581
 Delta R.T. 0.03 min
 Lab File: VL036435.D
 Acq: 3 Mar 2021 10:52

Tgt Ion: 88 Resp: 50781
 Ion Ratio Lower Upper
 88 100
 58 0.0 119.6 179.4#
 43 0.0 254.2 381.4#
 57 0.0 1044.0 1566.0#





#41

Tetrahydrofuran

Concen: 0.901 ppbv m

RT: 6.08

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:52

Tot Ion:

Ion Ratio

42 100

72 33.

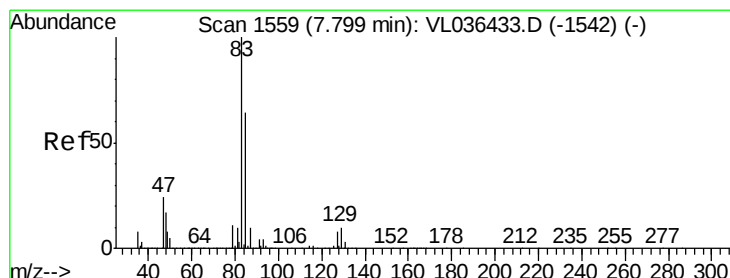
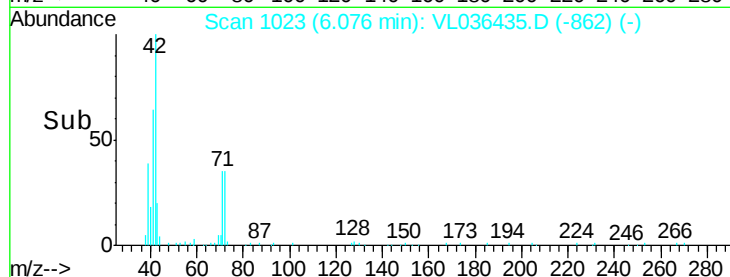
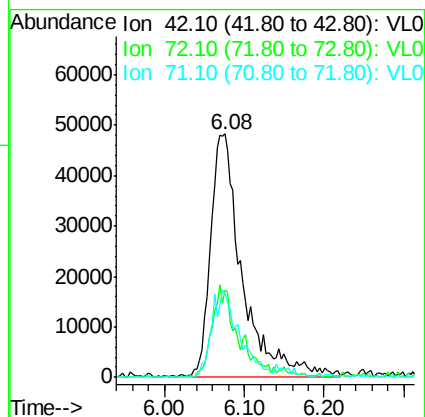
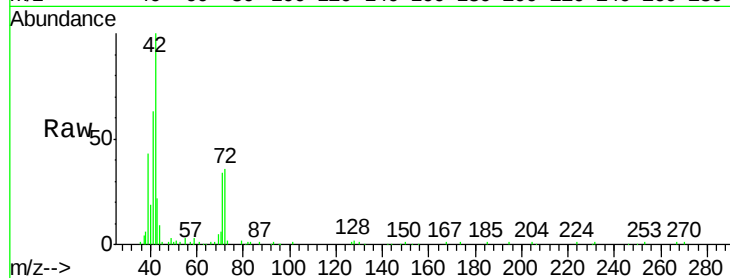
71 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#42

Bromodichloromethane

Concen: 0.952 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. -0.01 min

Lab File: VL036435.D

Acq: 3 Mar 2021 10:52

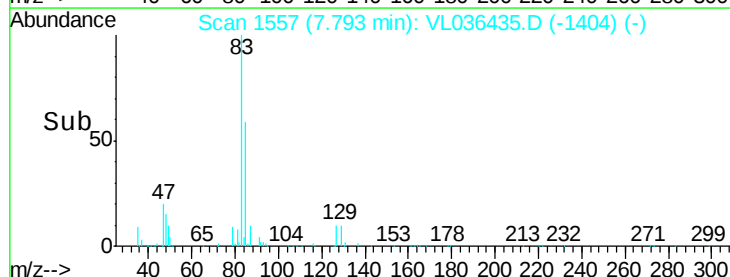
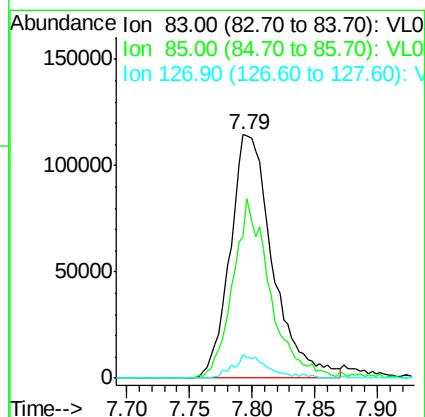
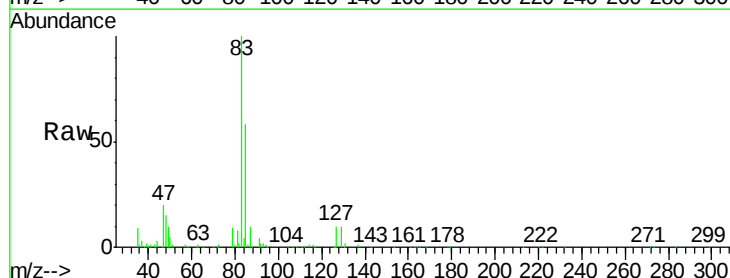
Tgt Ion: 83 Resp: 268523

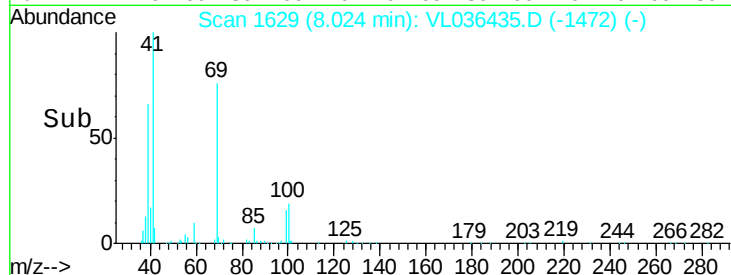
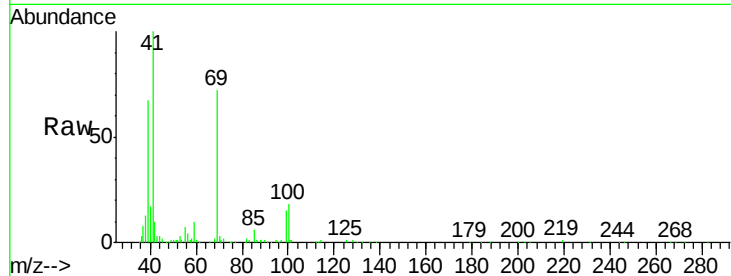
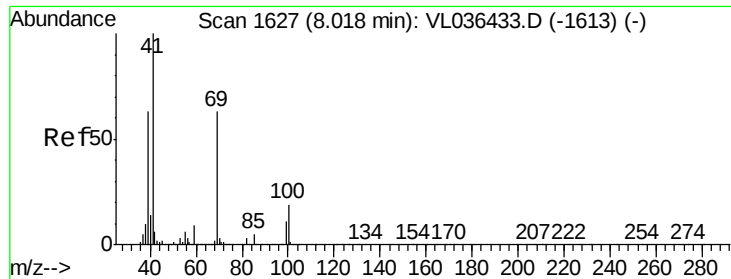
Ion Ratio Lower Upper

83 100

85 58.1 51.2 76.8

127 9.7 6.0 9.0#



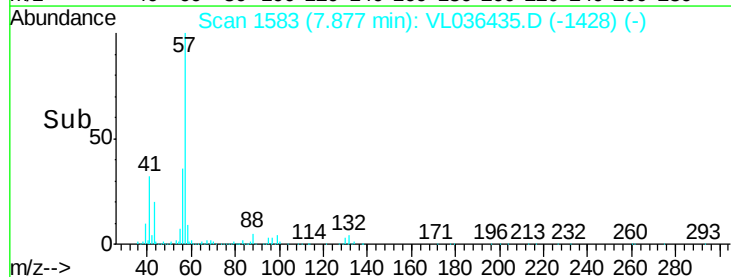
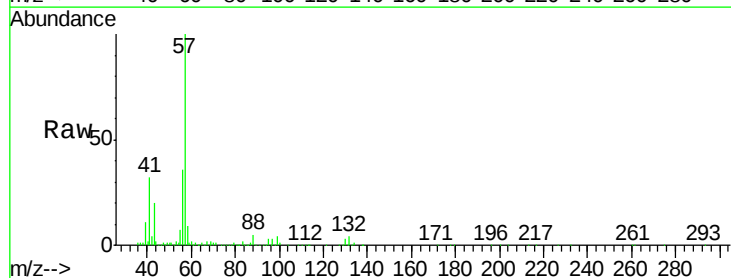
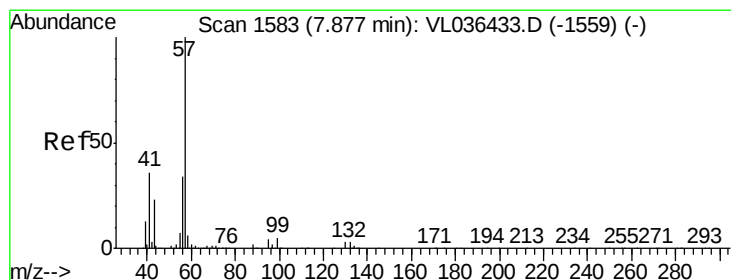
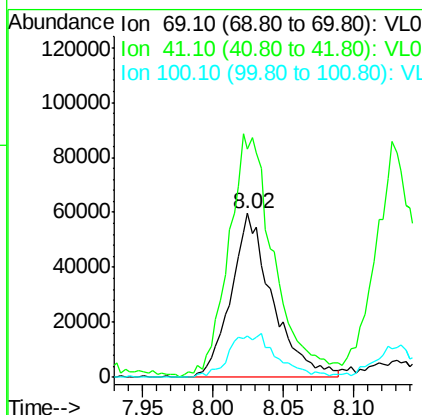


#43
Methvl Methacrvlate
Concen: 0.849 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 10:52

Tot Ion:
Ion Ratio
69 100
41 162.
100 31.

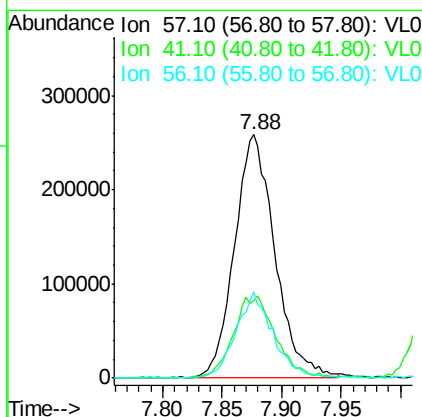
Manual Integrations
APPROVED

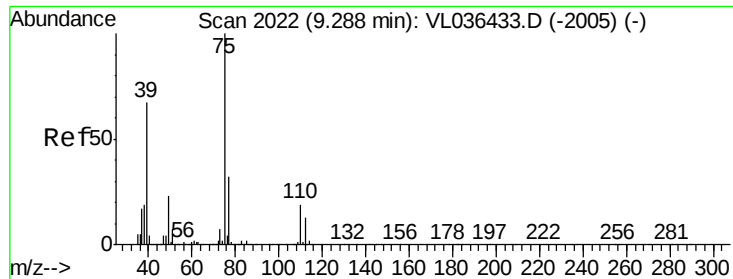
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#44
2,2,4-Trimethylpentane
Concen: 0.977 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 57 Resp: 605636
Ion Ratio Lower Upper
57 100
41 35.5 28.2 42.2
56 32.9 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 0.729 ppbv

RT: 9.29

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VSTDIC001

Acq: 3 Mar 2021 10:52

Tot Ion:

Ion Ratio

75 100

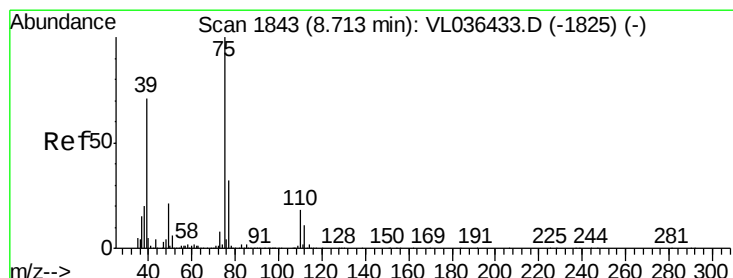
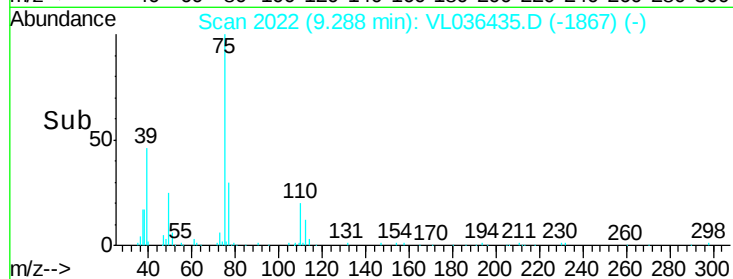
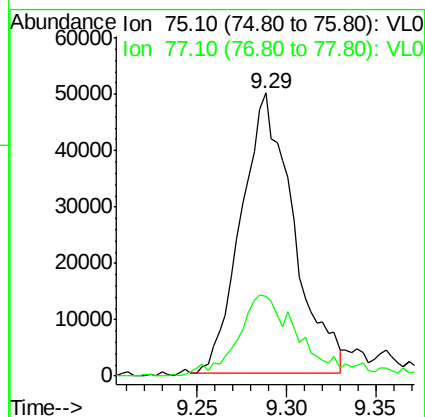
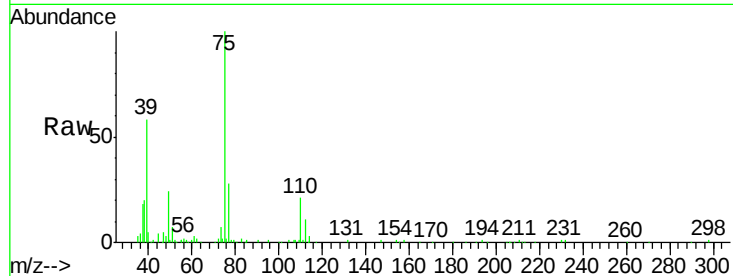
77 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#46

cis-1,3-Dichloropropene

Concen: 0.856 ppbv m

RT: 8.71 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VL036435.D

Acq: 3 Mar 2021 10:52

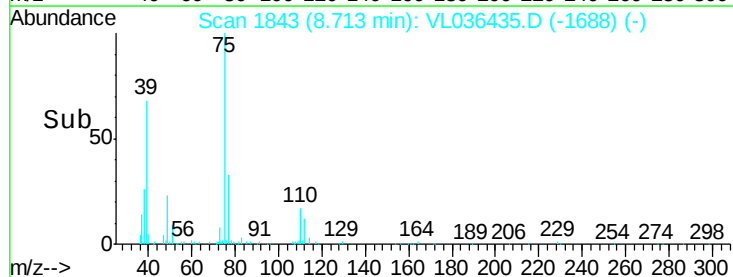
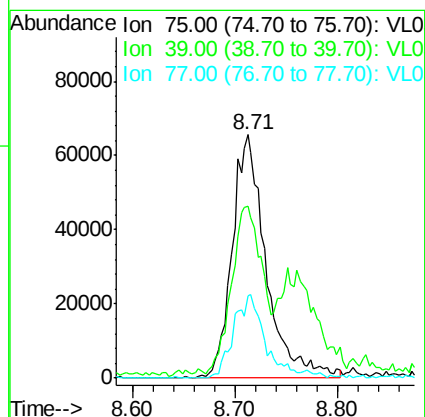
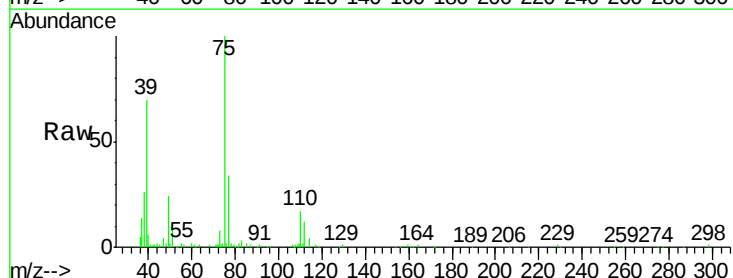
Tgt Ion: 75 Resp: 150734

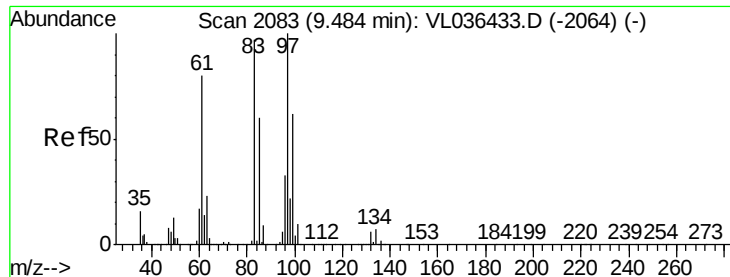
Ion Ratio Lower Upper

75 100

39 70.4 57.1 85.7

77 33.8 25.3 37.9



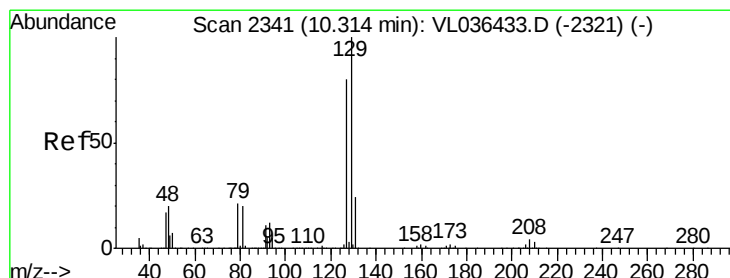
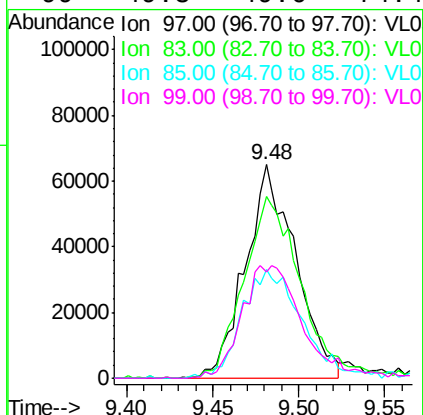
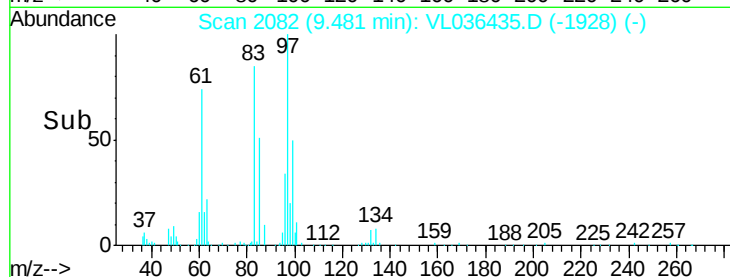
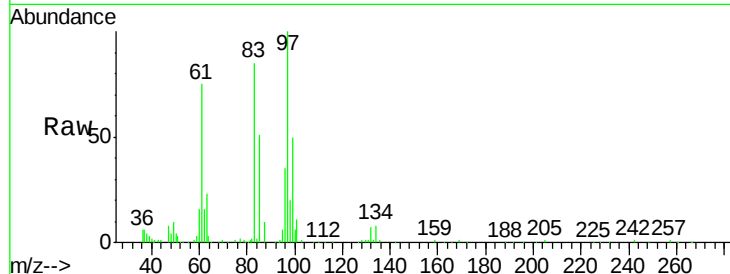


#47
 1,1,2-Trichloroethane
 Concen: 0.929 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 3 Mar 2021 10:52

Tot Ion:
 Ion Ratio
 97 100
 83 84.
 85 50.
 99 49.8 49.6 74.4

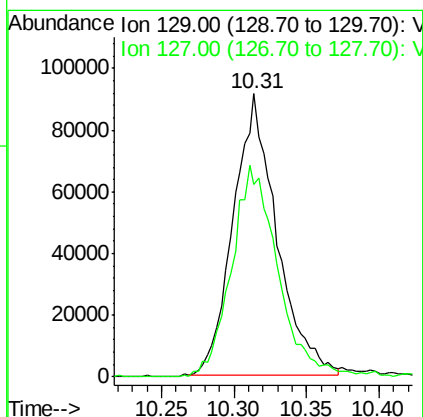
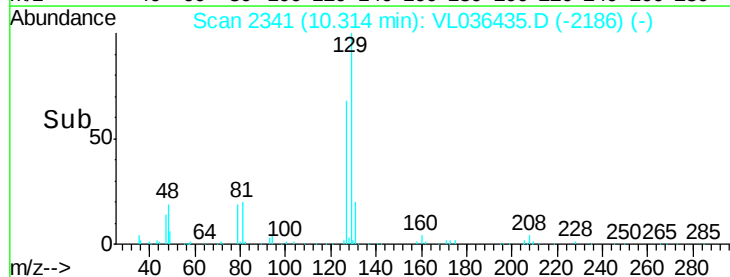
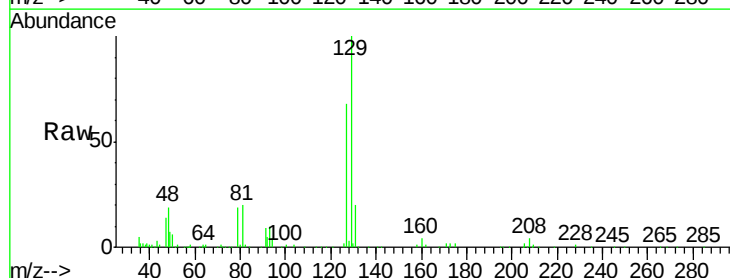
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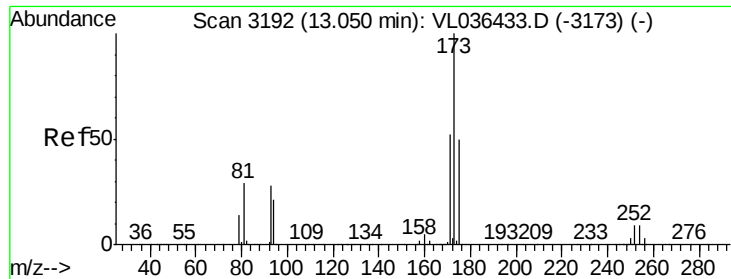
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#48
 Dibromochloromethane
 Concen: 0.902 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: VL036435.D
 Acq: 3 Mar 2021 10:52

Tgt Ion:129 Resp: 190640
 Ion Ratio Lower Upper
 129 100
 127 80.2 39.4 118.1





#49

Bromoform

Concen: 0.890 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 10:52 VSTDIC001

Tot Ion:1

Ion Rati

173 100

175 53.

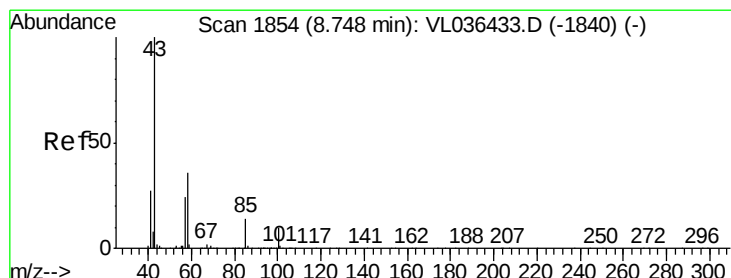
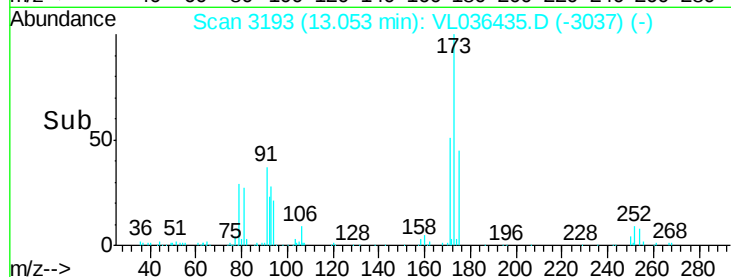
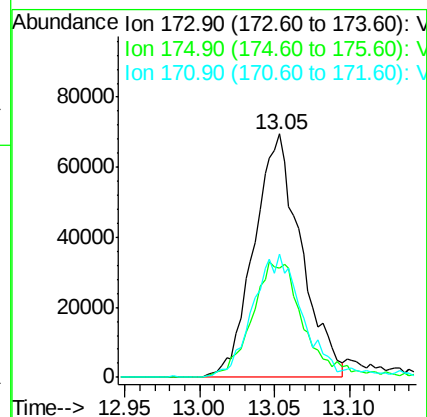
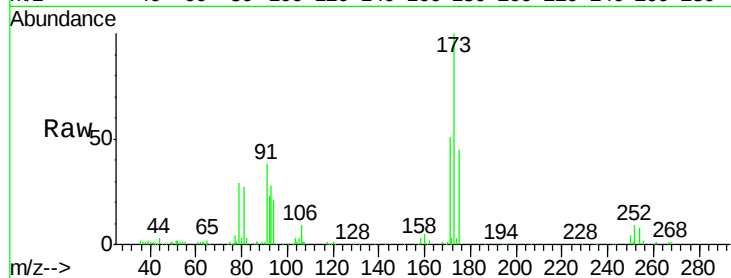
171 55.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#50

4-Methyl-2-Pentanone

Concen: 0.890 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.01 min

Lab File: VL036435.D

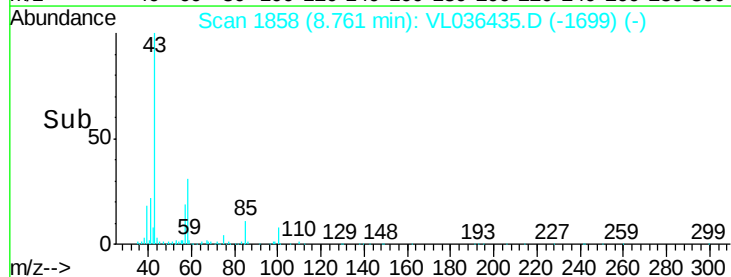
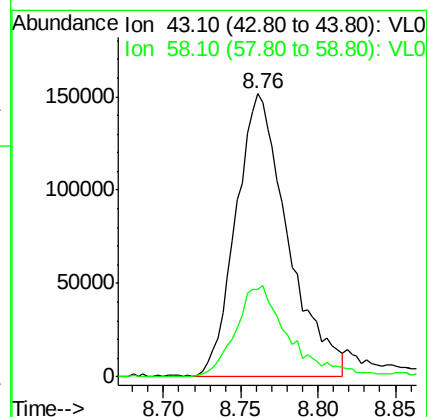
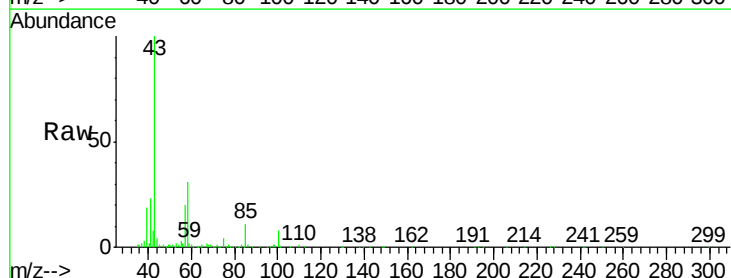
Acq: 3 Mar 2021 10:52

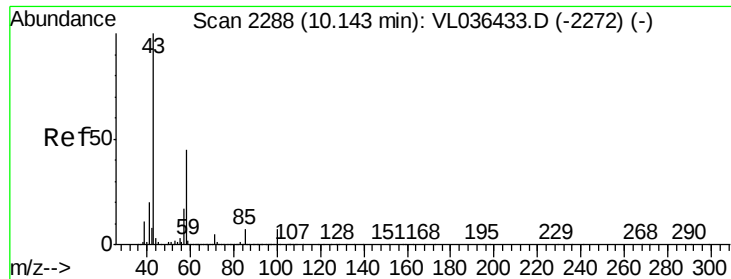
Tgt Ion: 43 Resp: 352264

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.8



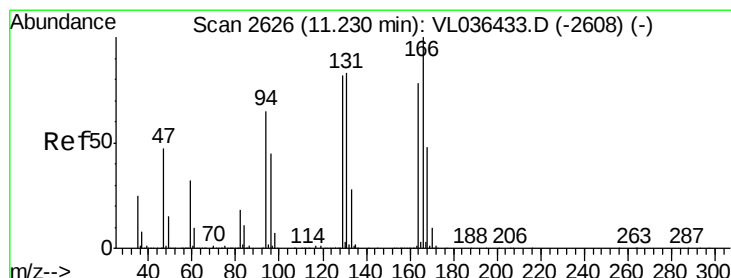
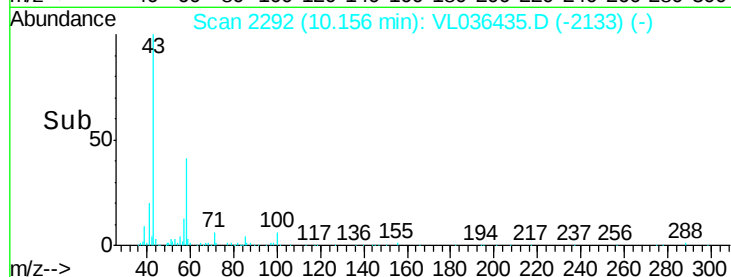
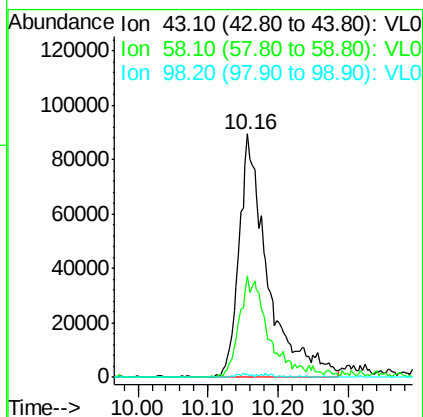
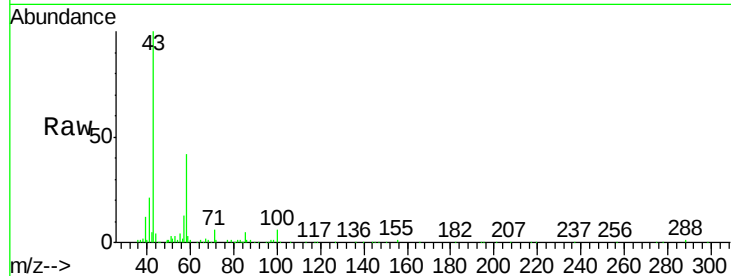


#51
2-Hexanone
Concen: 0.844 ppbv m
RT: 10.16
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 10:52

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

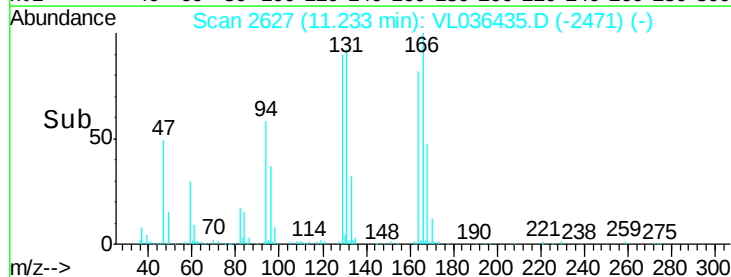
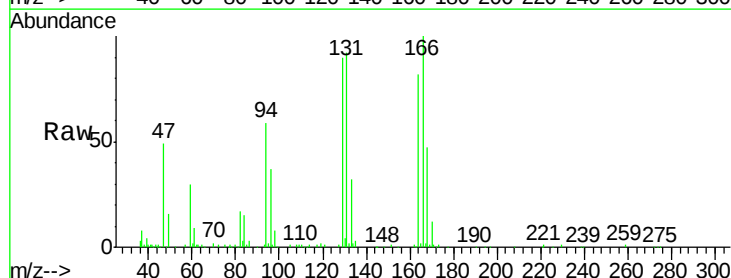
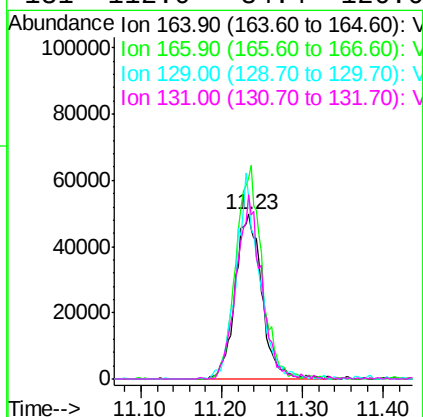
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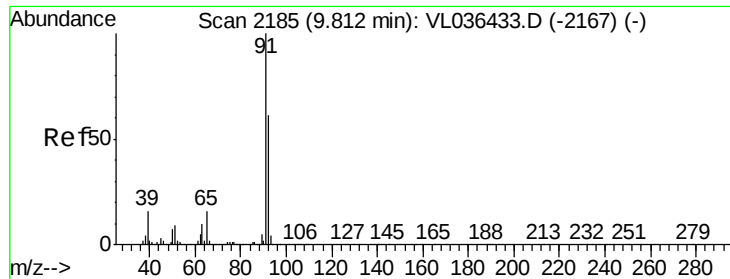
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#52
Tetrachloroethene
Concen: 0.926 ppbv m
RT: 11.23 min Scan# 2627
Delta R.T. 0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:164 Resp: 115492
Ion Ratio Lower Upper
164 100
166 121.7 102.0 153.0
129 109.9 83.3 124.9
131 112.0 84.4 126.6





#53

Toluene

Concen: 0.900 ppbv

RT: 9.82 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:52 VSTDIC001

Tot Ion:

Ion Ratio

91 100

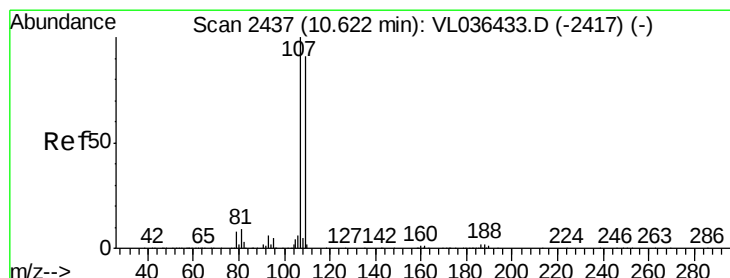
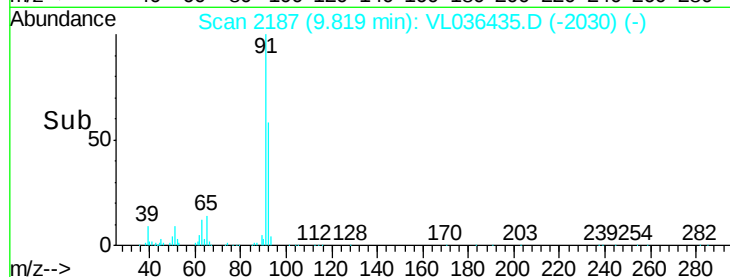
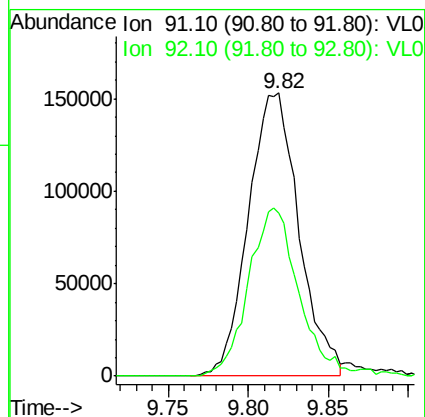
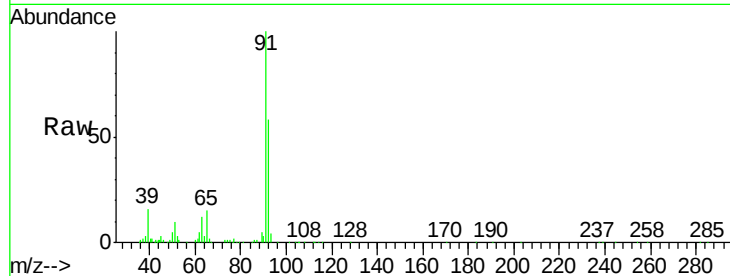
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#54

1,2-Dibromoethane

Concen: 0.952 ppbv m

RT: 10.62 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VL036435.D

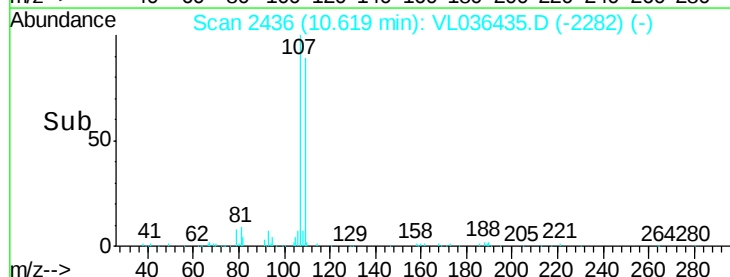
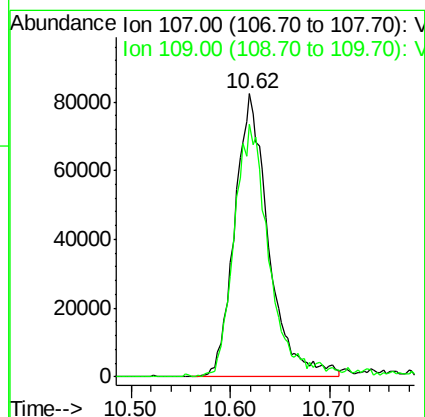
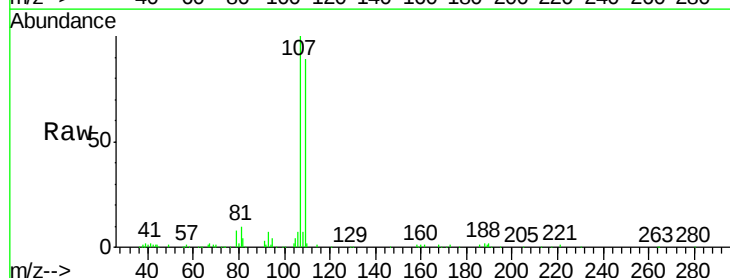
Acq: 3 Mar 2021 10:52

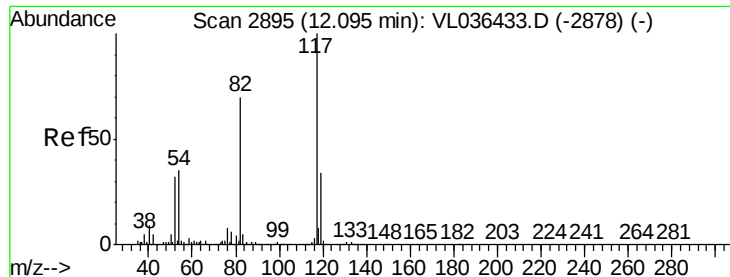
Tgt Ion:107 Resp: 194823

Ion Ratio Lower Upper

107 100

109 89.1 73.0 109.6



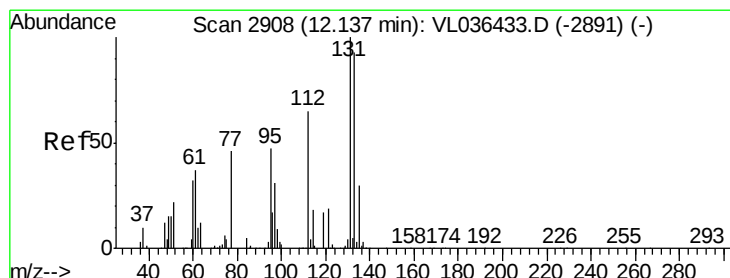
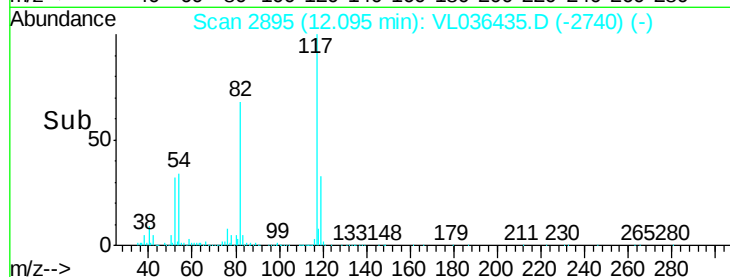
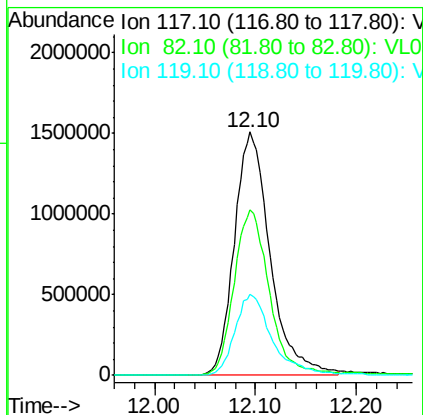
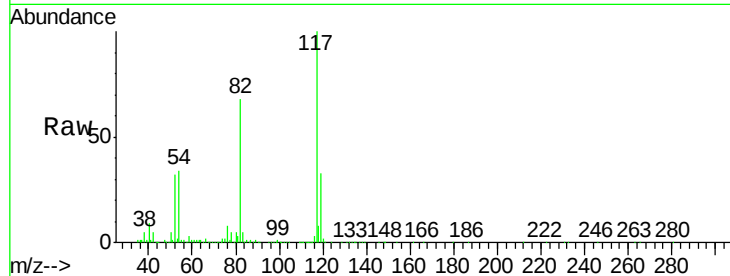


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 10:52

Tot Ion:1
Ion Rati
117 100
82 67.
119 34.

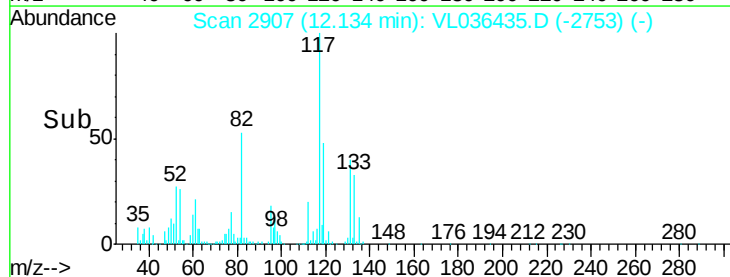
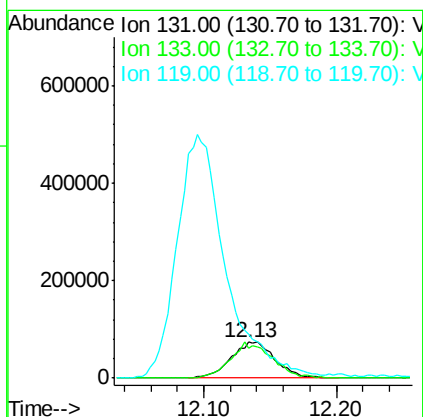
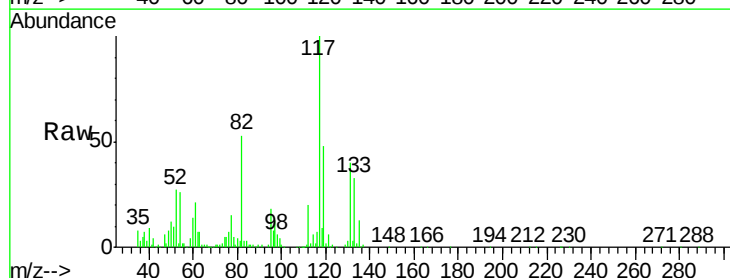
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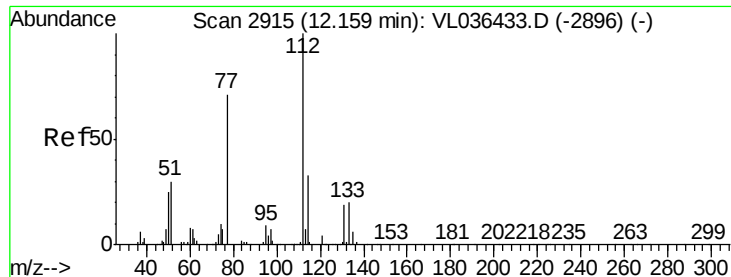
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 0.988 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:131 Resp: 169247
Ion Ratio Lower Upper
131 100
133 95.1 76.4 114.6
119 763.6 112.8 169.2#





#57

Chlorobenzene

Concen: 0.972 ppbv

RT: 12.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 10:52

Tot Ion:1

Ion Rati

112 100

77 72.

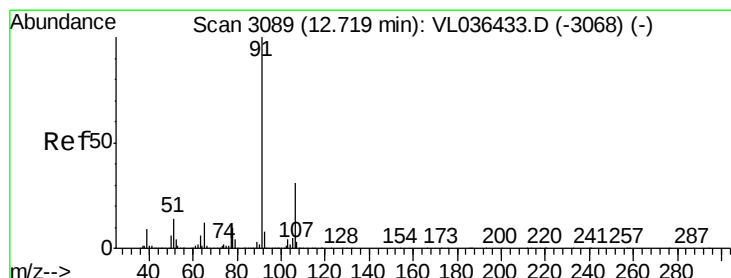
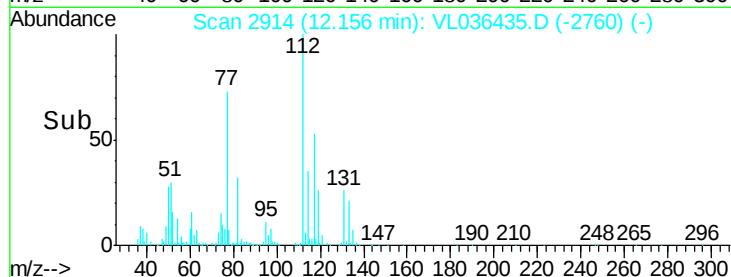
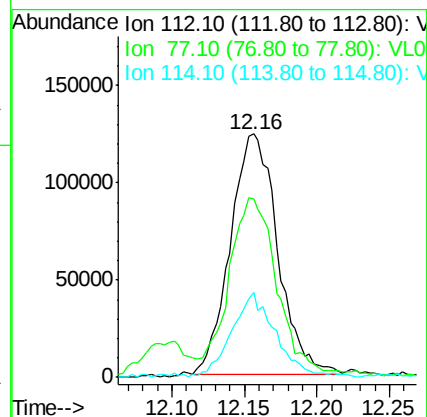
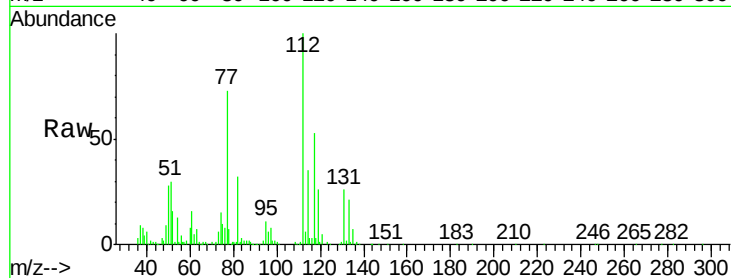
114 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#58

Ethyl Benzene

Concen: 0.926 ppbv

RT: 12.72 min Scan# 3090

Delta R.T. 0.00 min

Lab File: VL036435.D

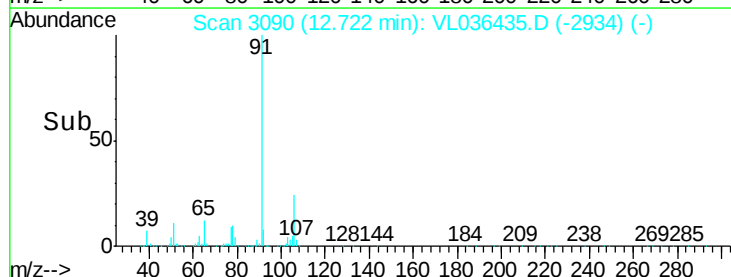
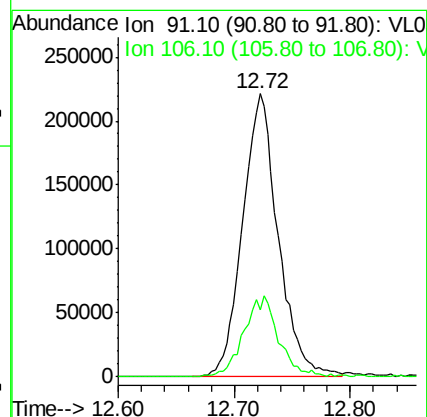
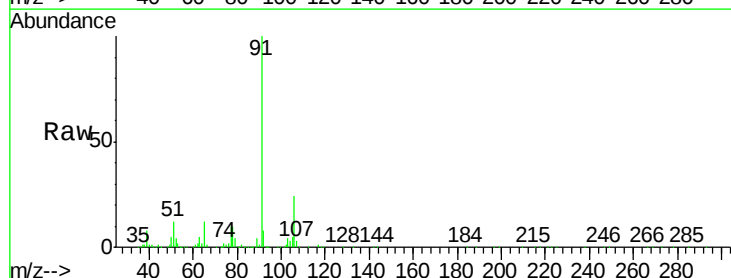
Acq: 3 Mar 2021 10:52

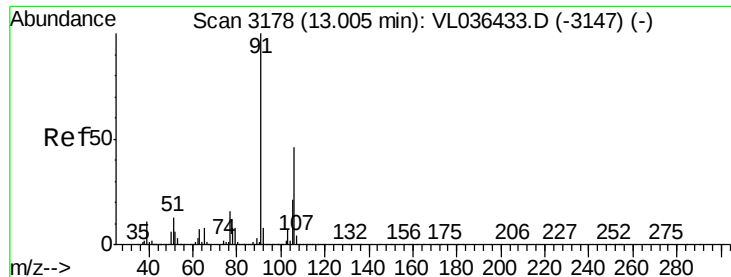
Tgt Ion: 91 Resp: 472218

Ion Ratio Lower Upper

91 100

106 23.7 24.8 37.2#



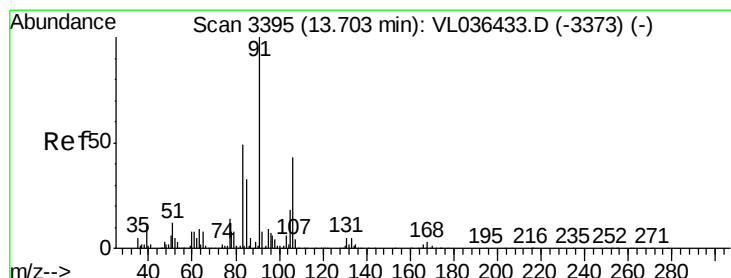
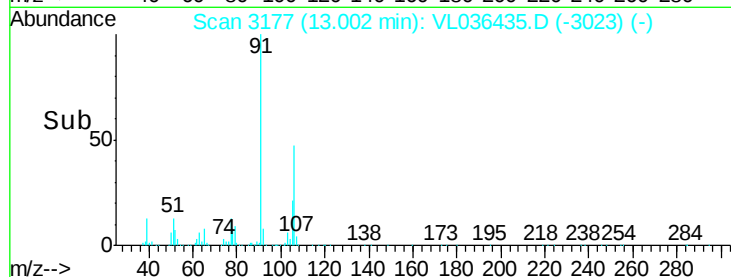
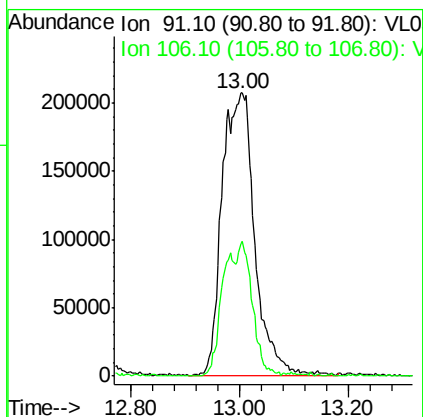
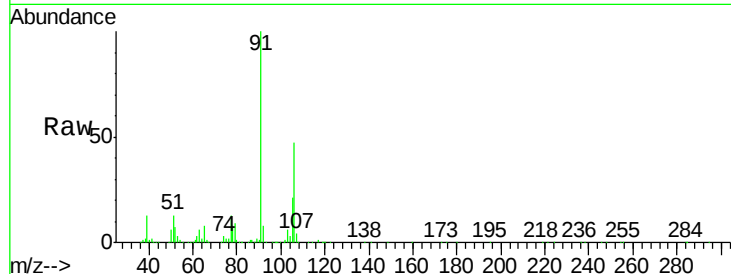


#59
m/p-Xylene
Concen: 1.946 ppbv m
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 3 Mar 2021 10:52

Tot Ion:
Ion Ratio
91 100
106 41.

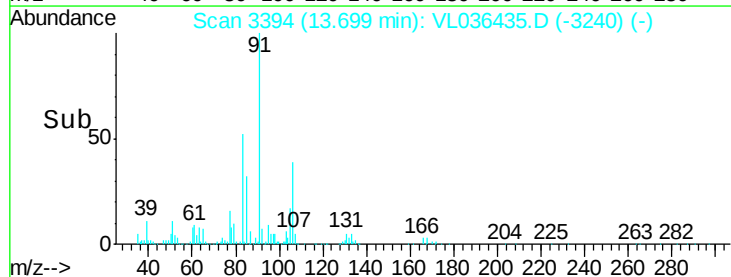
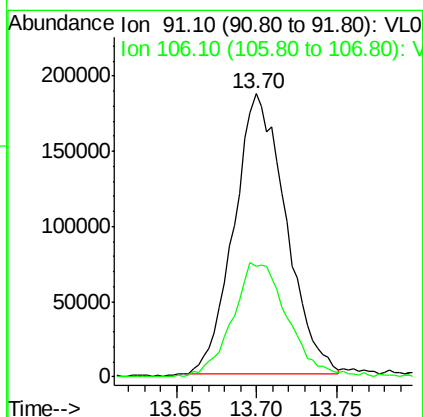
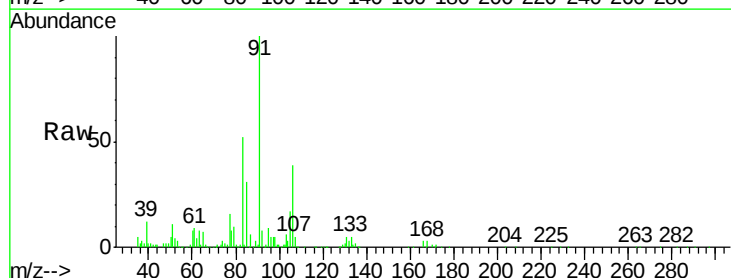
Manual Integrations
APPROVED

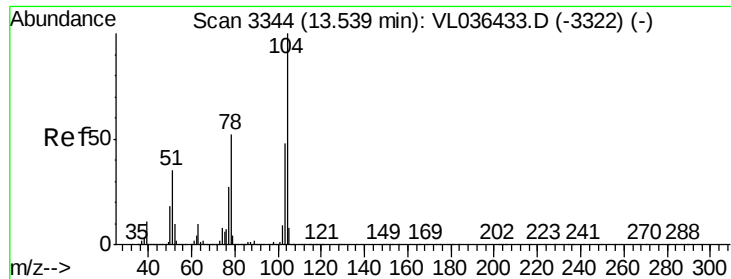
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#60
o-Xylene
Concen: 0.963 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 91 Resp: 412818
Ion Ratio Lower Upper
91 100
106 43.8 21.9 65.8





#61

Stvrene

Concen: 0.819 ppbv

RT: 13.54

Delta R.T.

Lab File:

Acq: 3 Mar 2021 10:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021

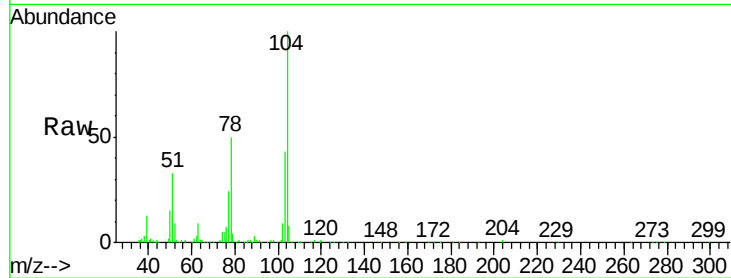
Tot Ion:1

Ion Ratio

104 100

78 59.

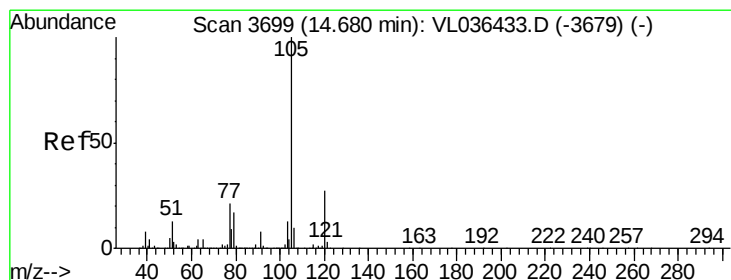
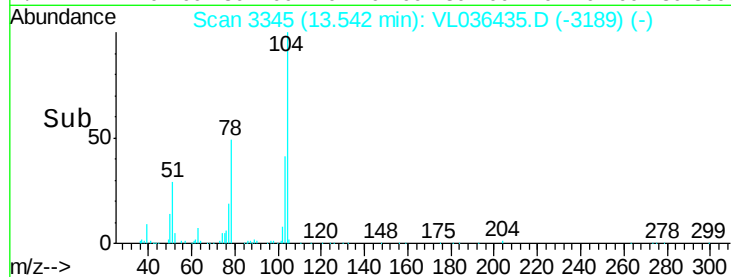
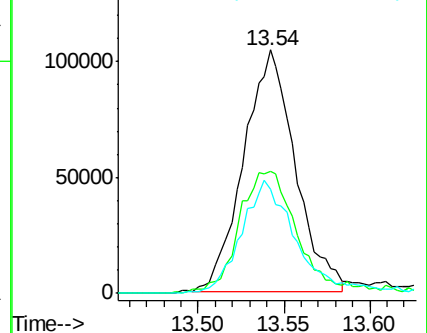
103 50.



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: 0.992 ppbv

RT: 14.68 min Scan# 3699

Delta R.T. -0.00 min

Lab File: VL036435.D

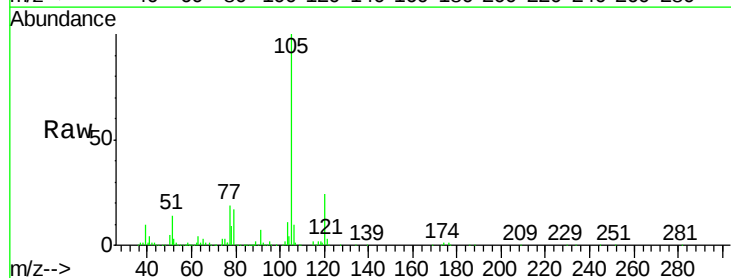
Acq: 3 Mar 2021 10:52

Tgt Ion:105 Resp: 637006

Ion Ratio Lower Upper

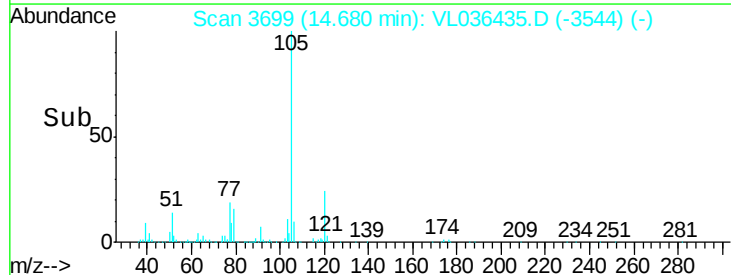
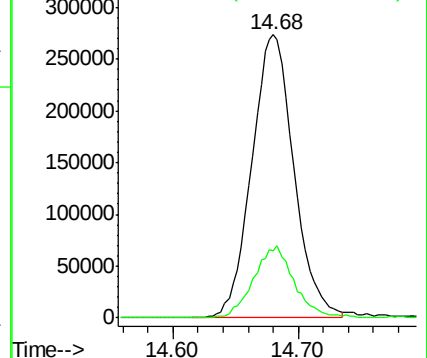
105 100

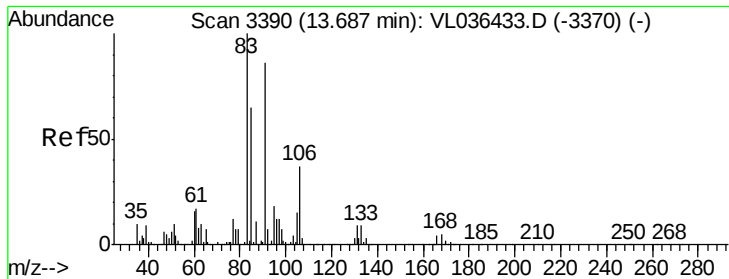
120 24.6 20.9 31.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



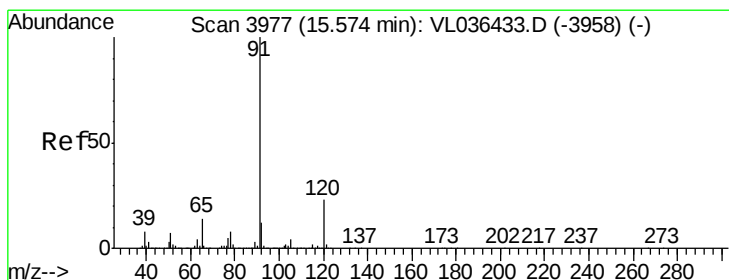
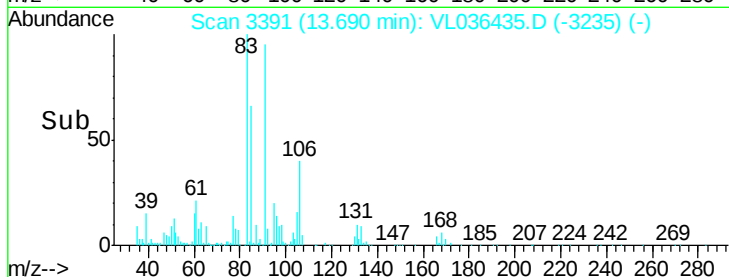
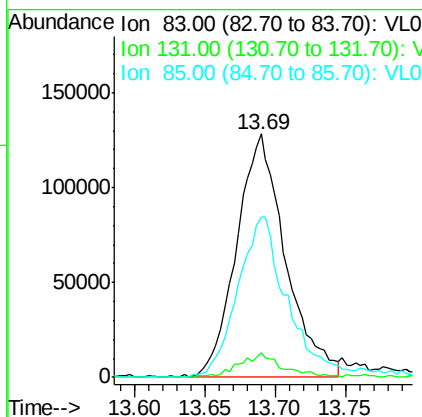
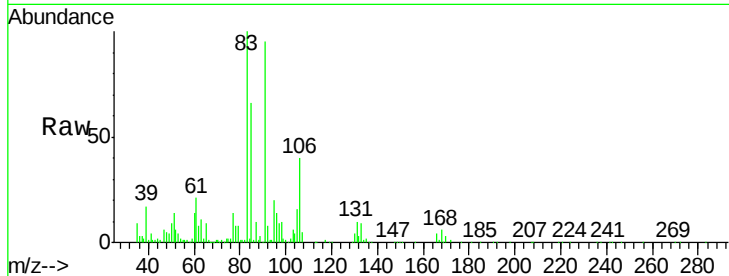


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.909 ppbv
 RT: 13.69 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 10:52

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 71.

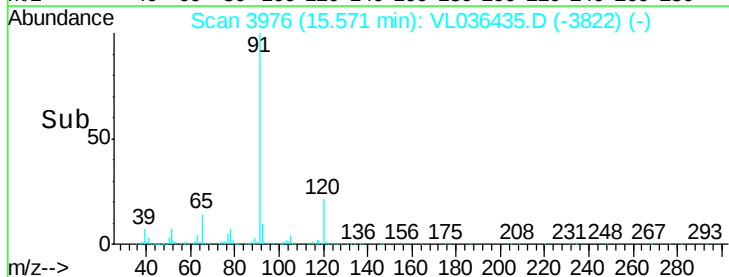
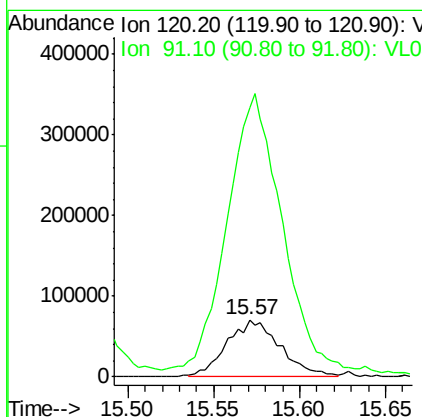
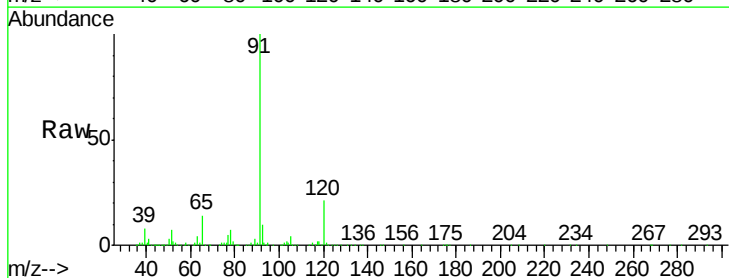
Manual Integrations
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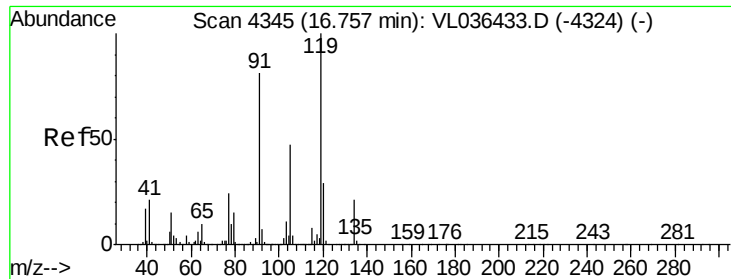
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#64
 n-propylbenzene
 Concen: 0.943 ppbv
 RT: 15.57 min Scan# 3976
 Delta R.T. -0.00 min
 Lab File: VL036435.D
 Acq: 3 Mar 2021 10:52

Tgt Ion:120 Resp: 149029
 Ion Ratio Lower Upper
 120 100
 91 551.5 378.6 567.8



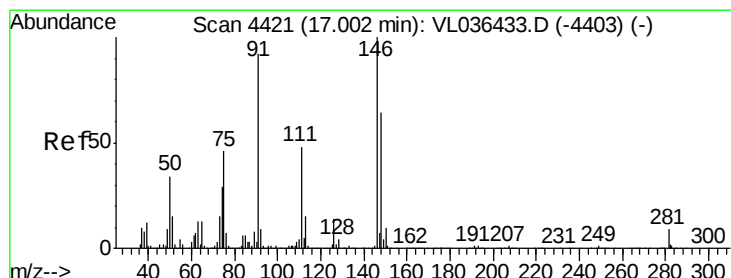
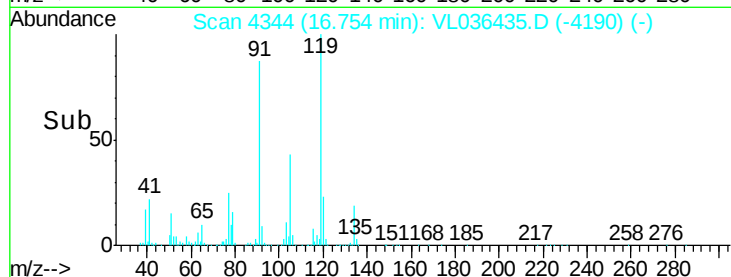
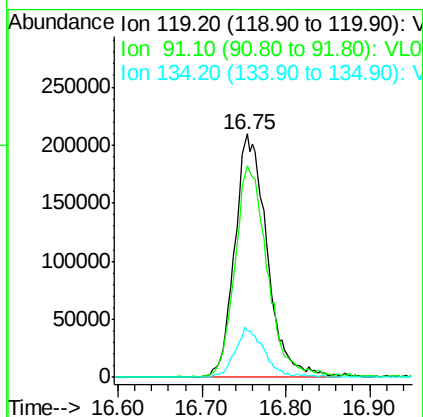
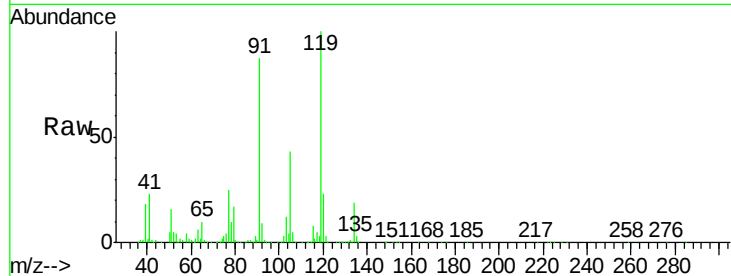


#65
tert-Butylbenzene
Concen: 1.022 ppbv m
RT: 16.75
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 10:52
VSTDIC001

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

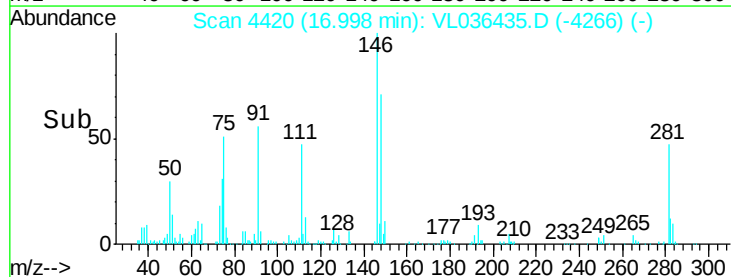
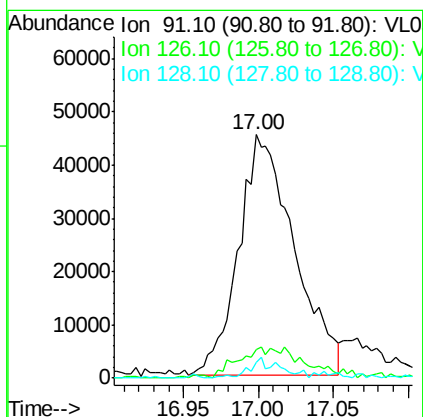
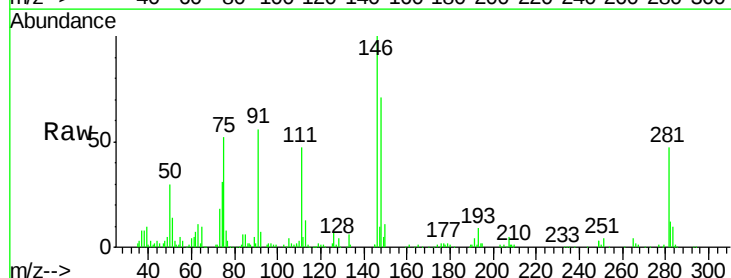
Manual Integrations
APPROVED

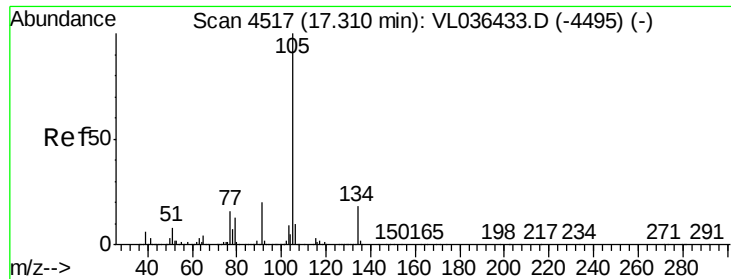
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#66
Benzyl Chloride
Concen: 0.779 ppbv
RT: 17.00 min Scan# 4420
Delta R.T. -0.00 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion: 91 Resp: 116382
Ion Ratio Lower Upper
91 100
126 16.8 12.9 19.3
128 6.4 4.0 6.0#





#67

sec-Butylbenzene

Concen: 1.010 ppbv m

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 10:52

Tot Ion:1

Ion Ratio

105 100

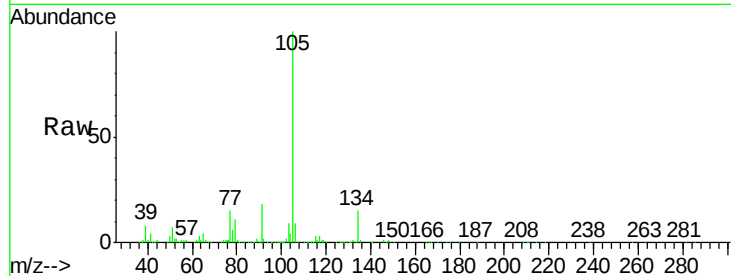
134 16.

Manual Integrations

APPROVED

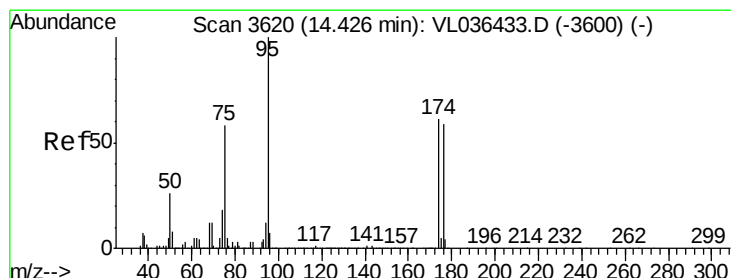
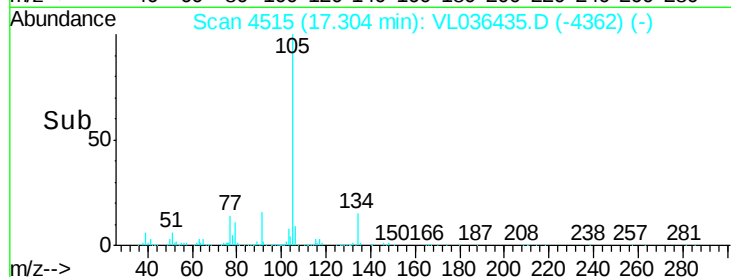
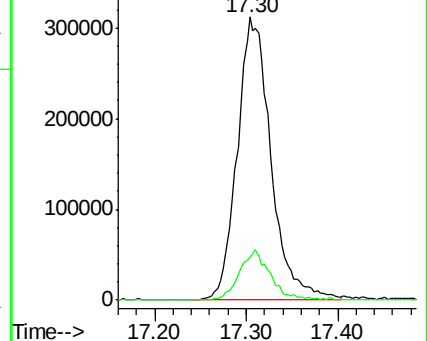
Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.805 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. -0.00 min

Lab File: VL036435.D

Acq: 3 Mar 2021 10:52

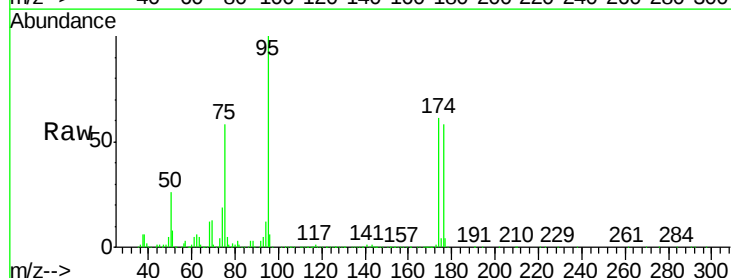
Tgt Ion: 95 Resp: 3005613

Ion Ratio Lower Upper

95 100

174 64.7 51.0 76.4

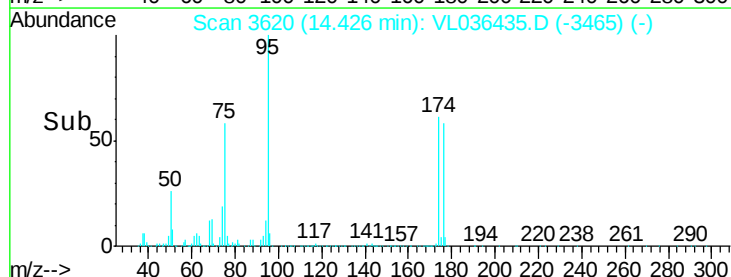
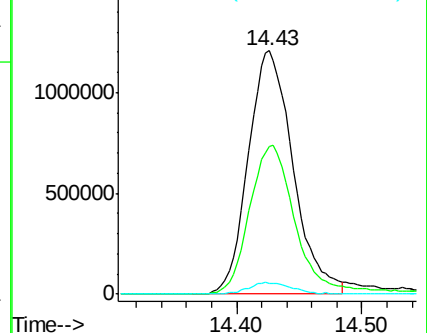
175 4.8 3.8 5.6

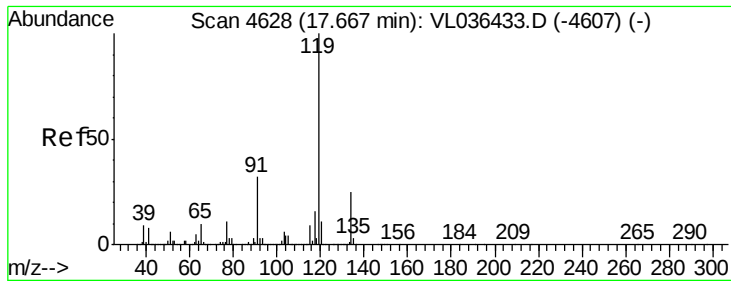


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



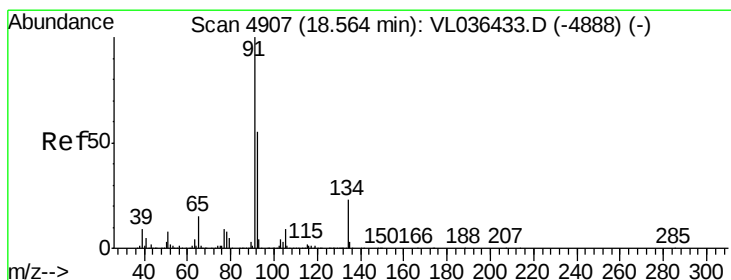
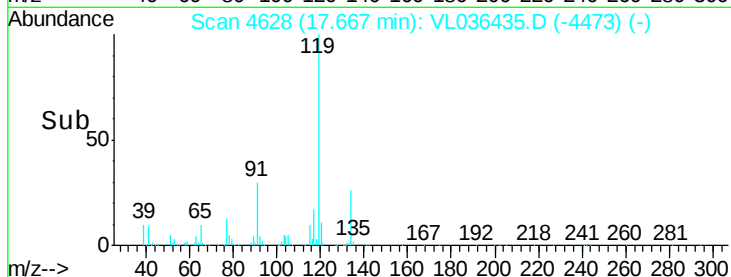
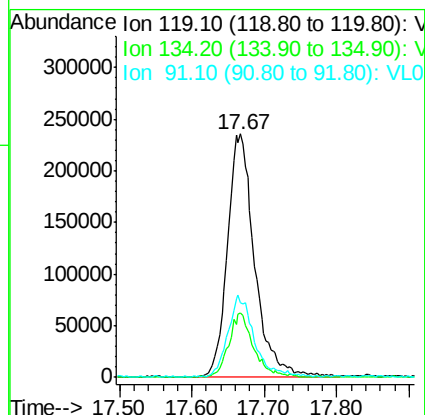
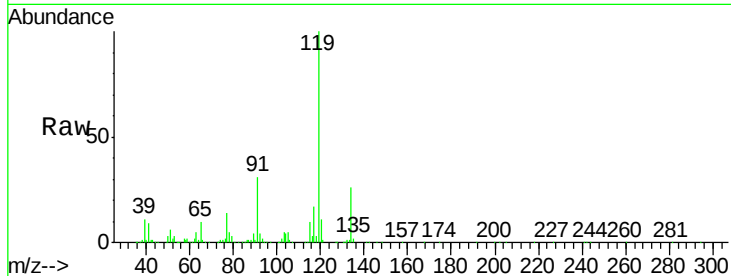


#69
 p-Isopropyltoluene
 Concen: 1.006 ppbv m
 RT: 17.67
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 3 Mar 2021 10:52

Tot Ion: 1
 Ion Ratio
 119 100
 134 24.
 91 33.

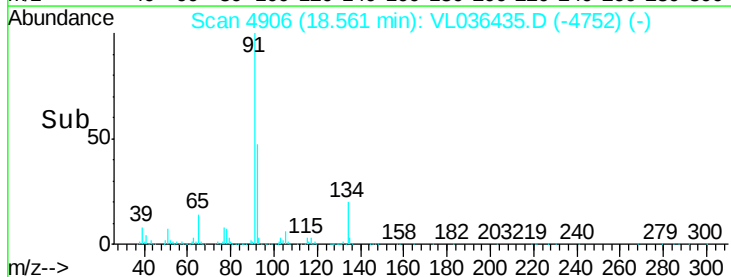
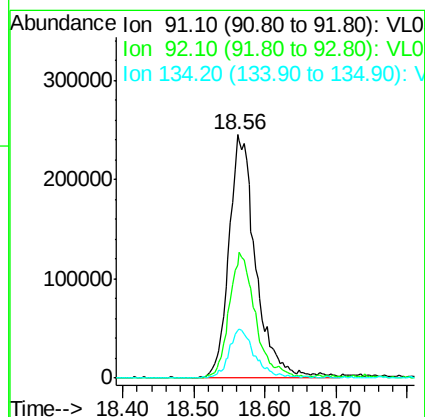
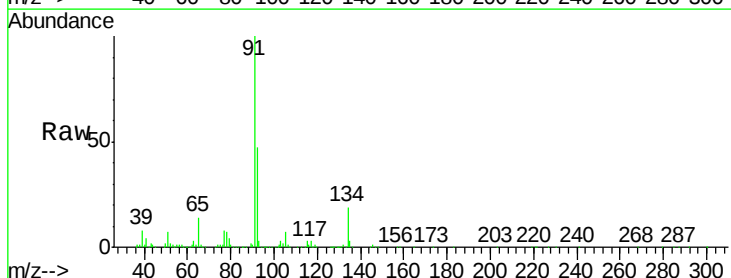
Manual Integrations
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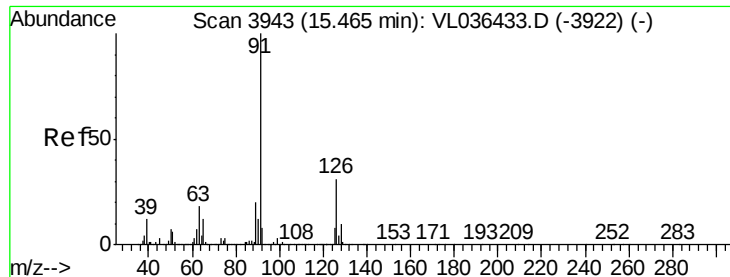
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#70
 n-Butylbenzene
 Concen: 0.982 ppbv m
 RT: 18.56 min Scan# 4906
 Delta R.T. -0.00 min
 Lab File: VL036435.D
 Acq: 3 Mar 2021 10:52

Tgt Ion: 91 Resp: 645101
 Ion Ratio Lower Upper
 91 100
 92 50.4 44.1 66.1
 134 19.3 17.9 26.9





#71

2-Chlorotoluene

Concen: 0.938 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:52

Tot Ion:

Ion Ratio

91 100

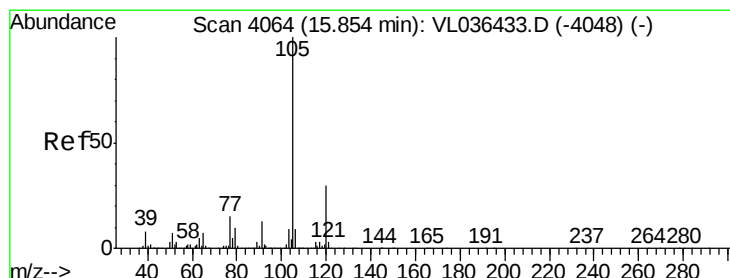
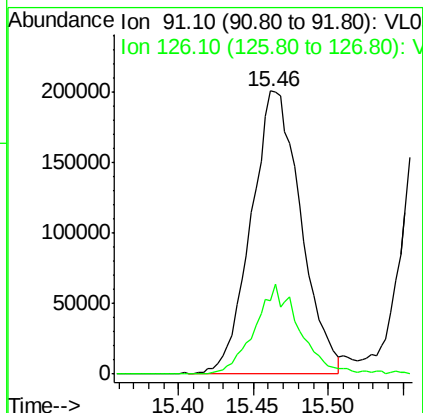
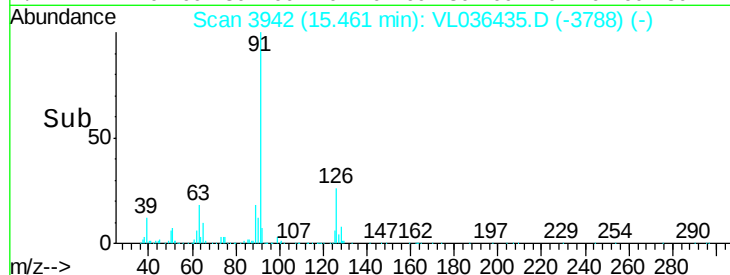
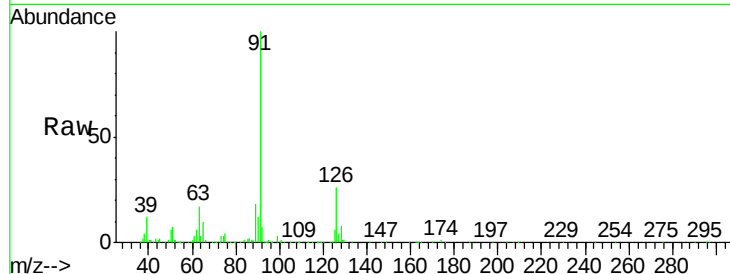
126 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#72

4-Ethyltoluene

Concen: 0.907 ppbv

RT: 15.85 min Scan# 4063

Delta R.T. -0.00 min

Lab File: VL036435.D

Acq: 3 Mar 2021 10:52

Tgt Ion:105 Resp: 432371

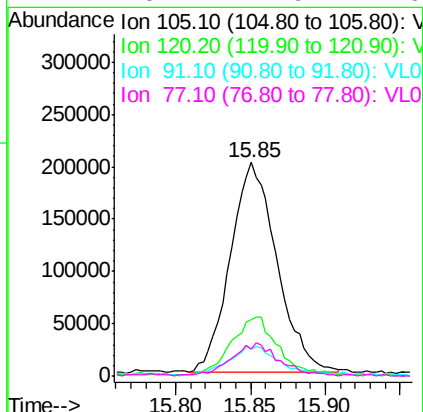
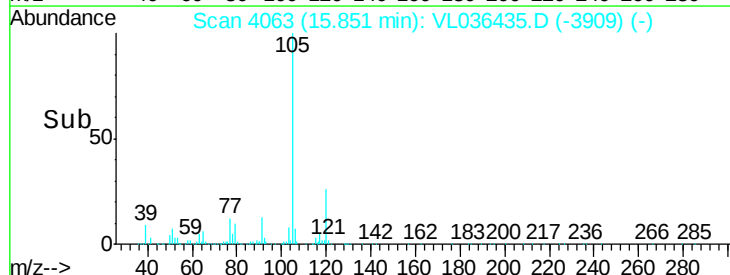
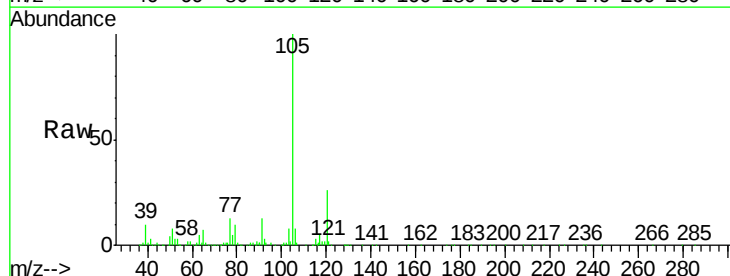
Ion Ratio Lower Upper

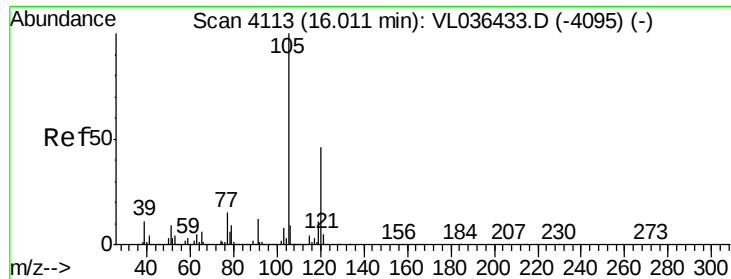
105 100

120 27.9 23.8 35.6

91 14.5 10.9 16.3

77 16.2 11.9 17.9



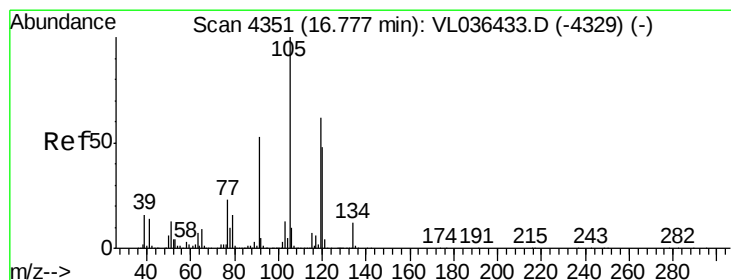
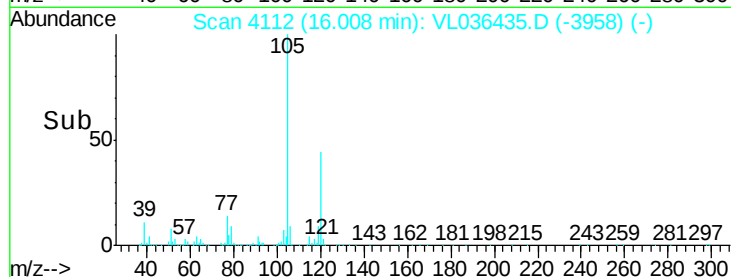
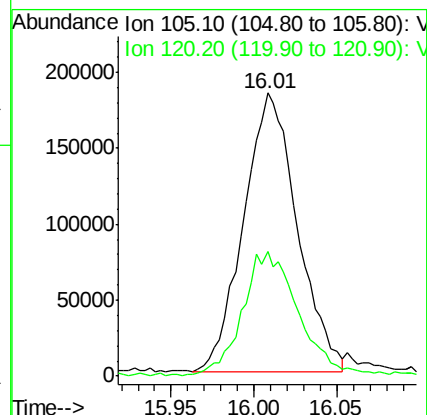
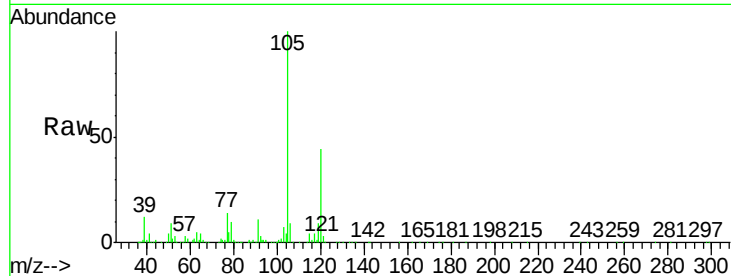


#73
 1,3,5-Trimethylbenzene
 Concen: 0.898 ppbv
 RT: 16.01 min
 Delta R.T.: 0.00 min
 Lab File: VSTDIC001
 Acq: 3 Mar 2021 10:52

Tot Ion: 1
 Ion Ratio
 105 100
 120 44.

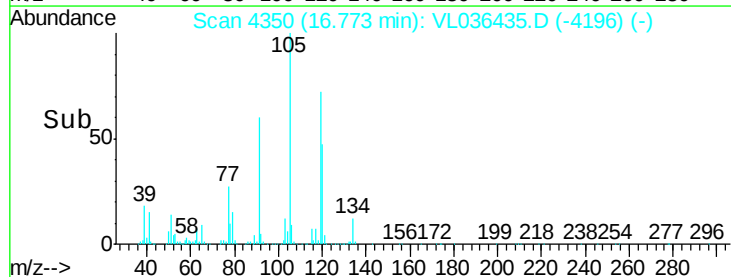
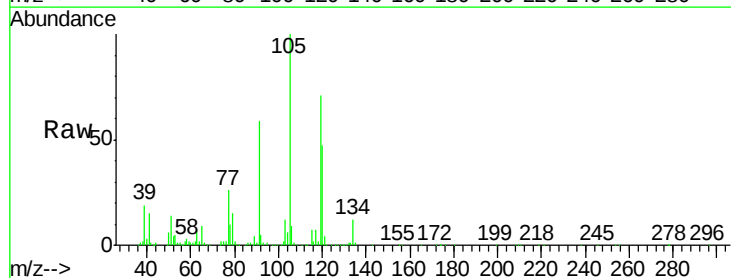
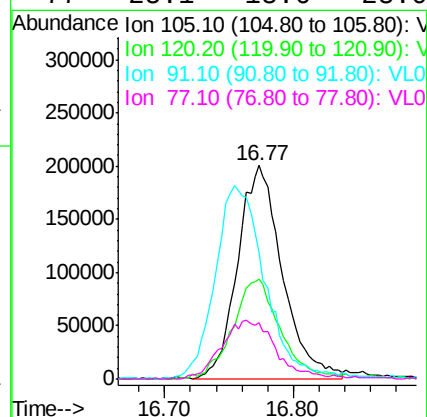
Manual Integrations
 APPROVED

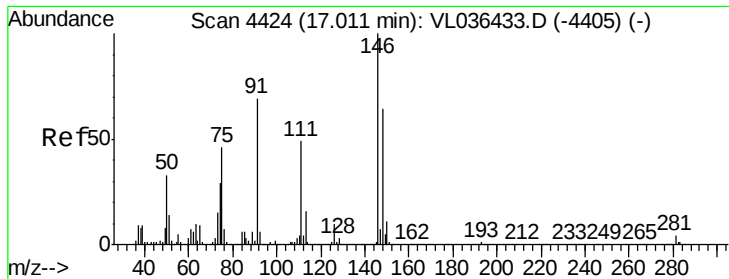
Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 1.016 ppbv
 RT: 16.77 min Scan# 4350
 Delta R.T.: -0.00 min
 Lab File: VL036435.D
 Acq: 3 Mar 2021 10:52

Tgt Ion: 105 Resp: 479227
 Ion Ratio Lower Upper
 105 100
 120 45.4 38.2 57.4
 91 56.6 42.6 63.8
 77 25.1 18.6 28.0



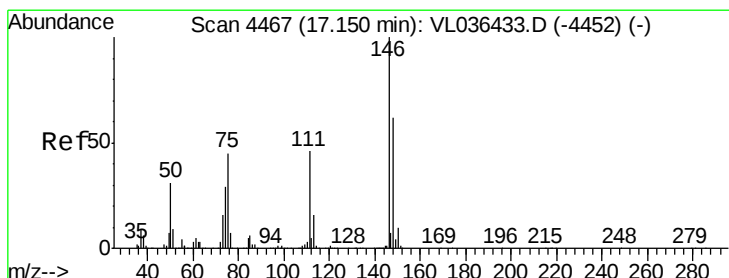
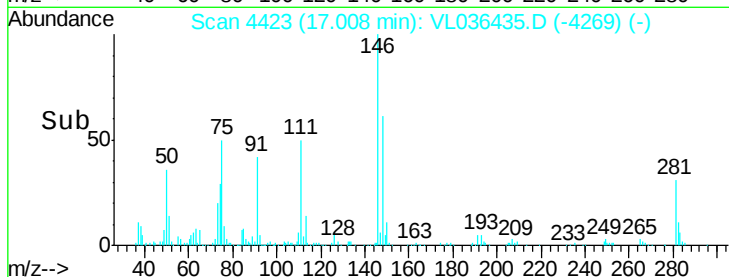
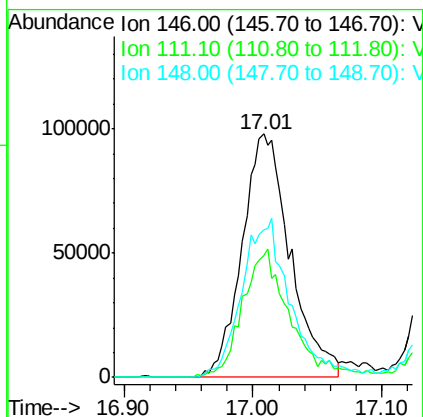
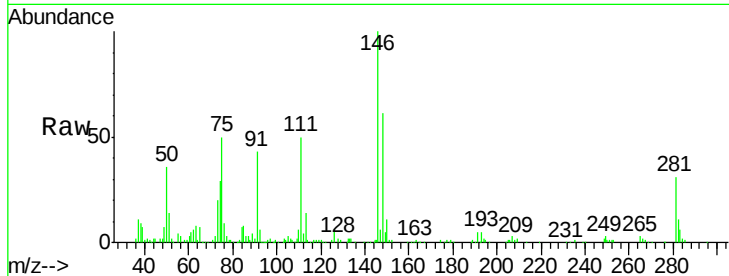


#75
 1,3-Dichlorobenzene
 Concen: 0.993 ppbv
 RT: 17.01 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 3 Mar 2021 10:52

Tot Ion:1
 Ion Rati
 146 100
 111 52.
 148 66.

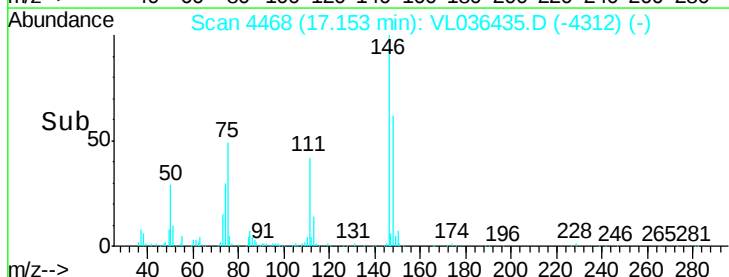
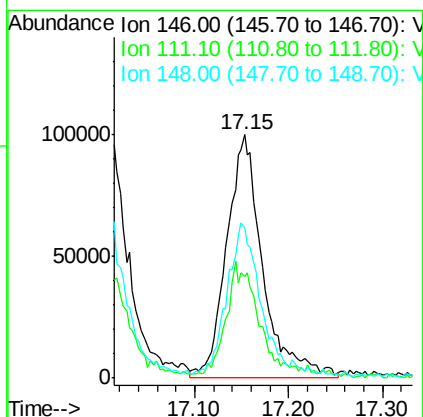
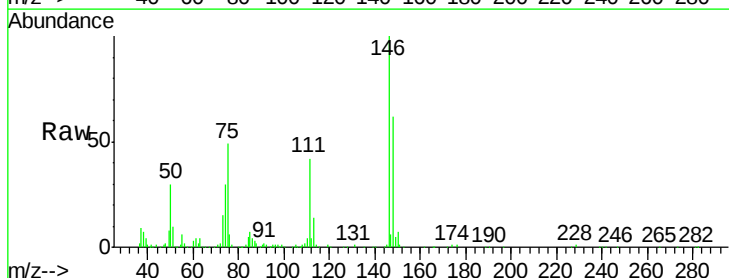
Manual Integrations
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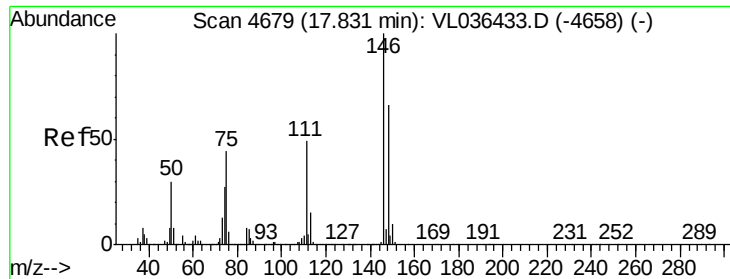
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#76
 1,4-Dichlorobenzene
 Concen: 1.004 ppbv m
 RT: 17.15 min Scan# 4468
 Delta R.T. 0.00 min
 Lab File: VL036435.D
 Acq: 3 Mar 2021 10:52

Tgt Ion:146 Resp: 267136
 Ion Ratio Lower Upper
 146 100
 111 45.9 24.5 73.5
 148 60.3 33.1 99.2



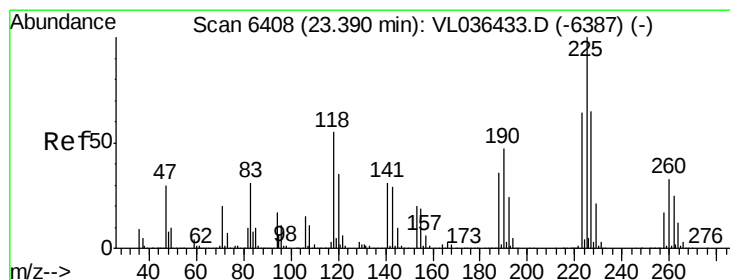
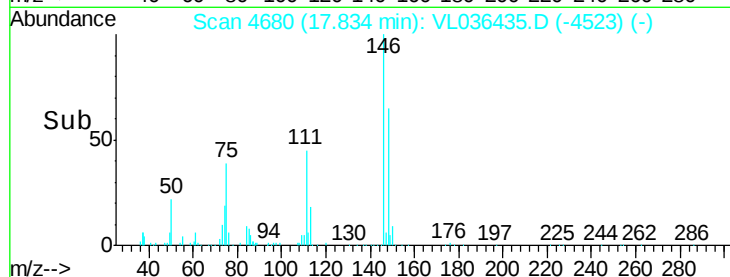
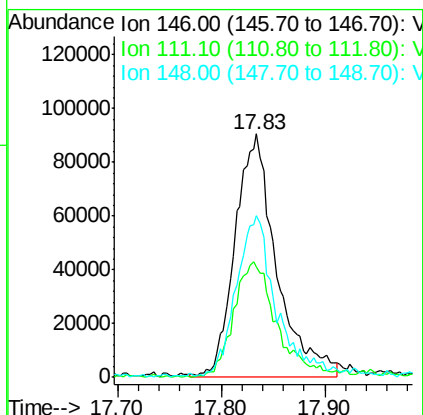
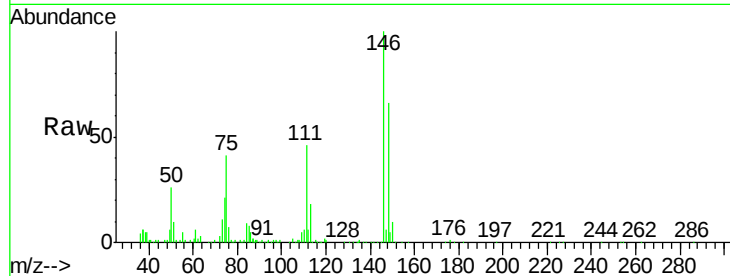


#77
 1,2-Dichlorobenzene
 Concen: 0.993 ppbv m
 RT: 17.83 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 3 Mar 2021 10:52

Tot Ion:1
 Ion Rati
 146 100
 111 52.
 148 64.

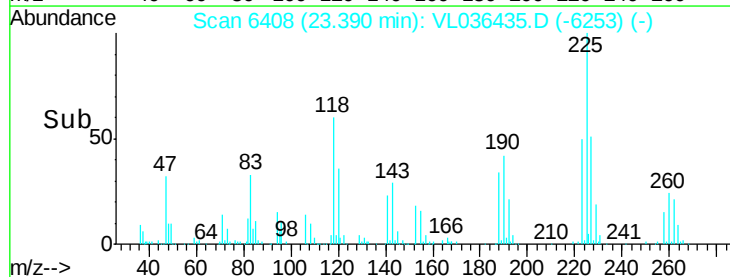
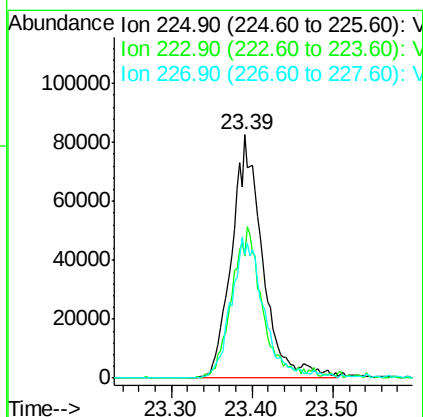
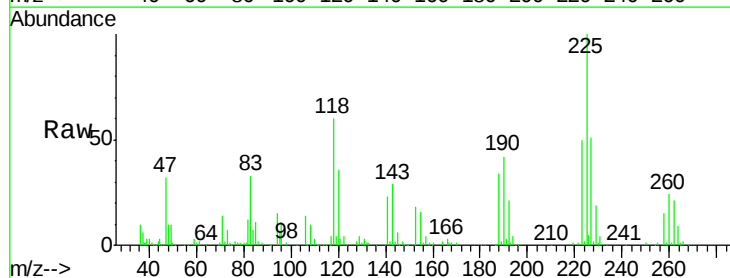
Manual Integrations
 APPROVED

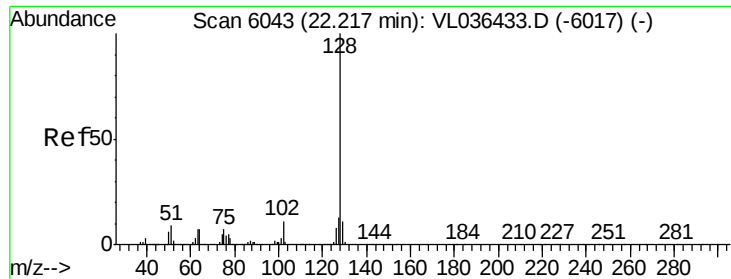
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 1.057 ppbv m
 RT: 23.39 min Scan# 6408
 Delta R.T. -0.00 min
 Lab File: VL036435.D
 Acq: 3 Mar 2021 10:52

Tgt Ion:225 Resp: 219373
 Ion Ratio Lower Upper
 225 100
 223 63.4 51.8 77.8
 227 60.8 53.0 79.6



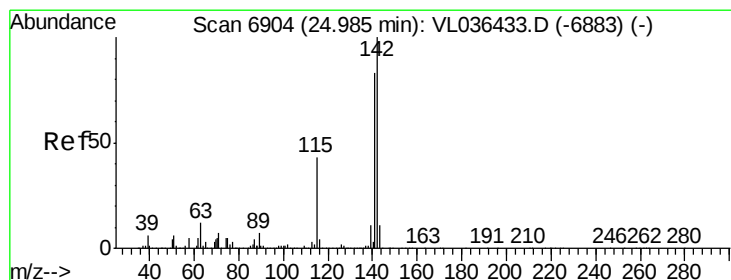
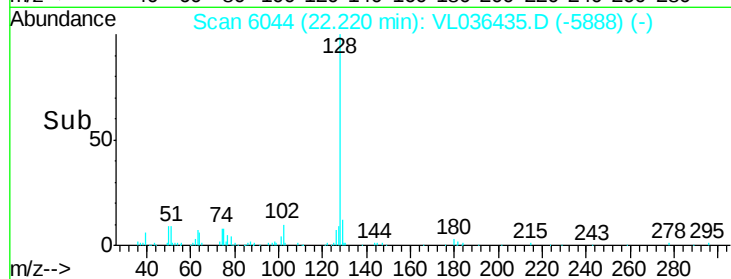
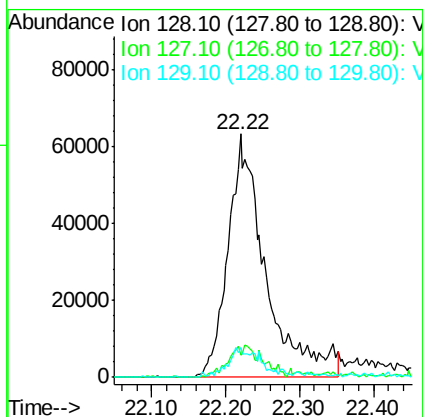
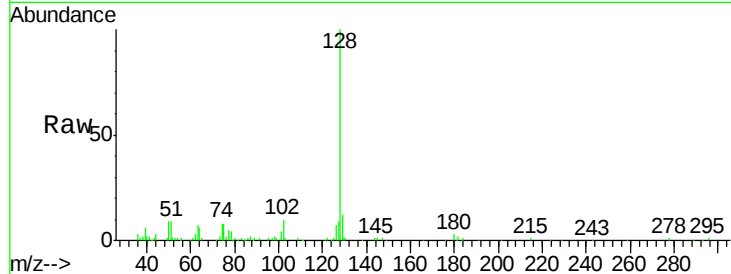


#79
Naphthalene
Concen: 0.799 ppbv m
RT: 22.22 min
Instrument: MSVOA_1
Delta R.T.: 0.03 min
Lab File: ClientSampled : VSTDIC001
Acq: 3 Mar 2021 10:52

Tot Ion:1
Ion Rati
128 100
127 8.
129 12.

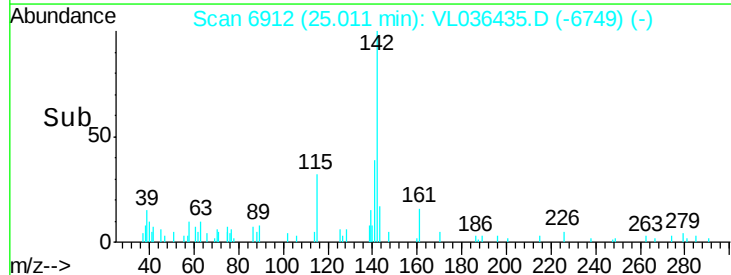
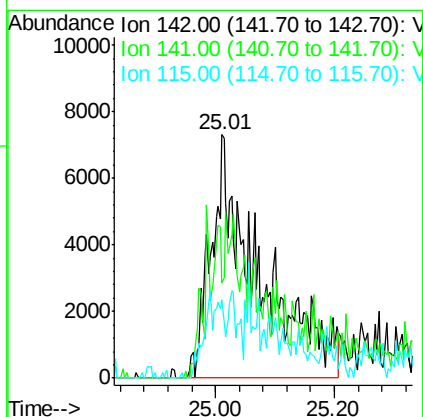
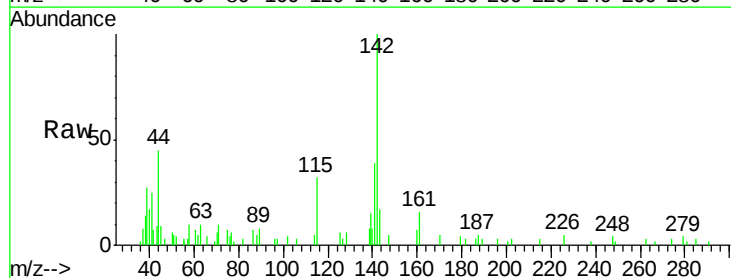
Manual Integrations
APPROVED

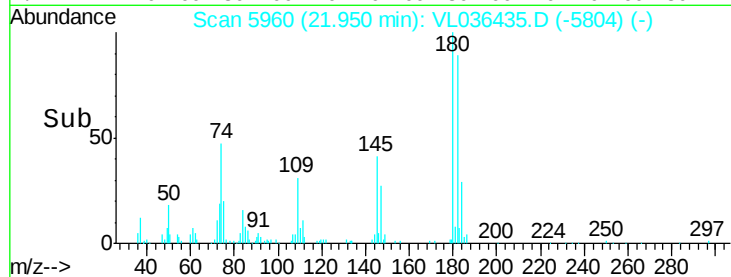
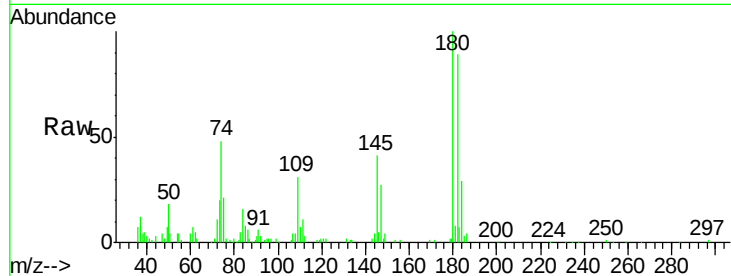
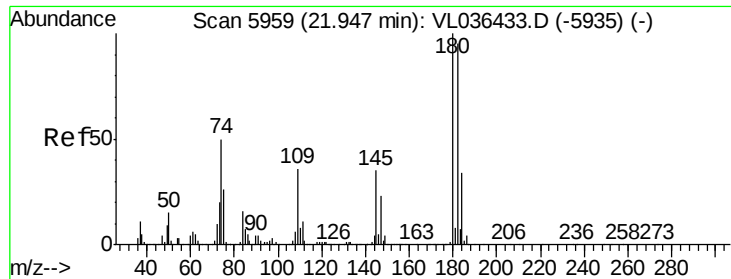
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#80
Naphthalene, 2-methyl-
Concen: 0.782 ppbv m
RT: 25.01 min Scan# 6912
Delta R.T.: 0.03 min
Lab File: VL036435.D
Acq: 3 Mar 2021 10:52

Tgt Ion:142 Resp: 40496
Ion Ratio Lower Upper
142 100
141 8.9 69.0 103.6#
115 4.6 32.4 48.6#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.857 ppbv m
 RT: 21.95
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 3 Mar 2021 10:52

Tot Ion:1
 Ion Rati
 180 100
 182 0.
 184 0.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021

