

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030321\
 Data File : VL036434.D
 Acq On : 3 Mar 2021 10:14
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Quant Time: Mar 03 10:50:57 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	1677584	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3880223	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3752242	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2988603	9.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	467856	1.869 ppbv	94
3) Chlorodifluoromethane	2.99	51	419324	2.012 ppbv	98
4) Chloromethane	3.14	50	206820	2.054 ppbv	99
5) Vinyl Chloride	3.26	62	191618	2.043 ppbv	95
6) Bromomethane	3.47	94	115384	2.070 ppbv	92
7) Chloroethane	3.56	64	68000	2.042 ppbv	99
8) Dichlorotetrafluoroethane	3.19	85	487071	2.139 ppbv	96
9) Propene	3.01	41	186428	2.399 ppbv	96
10) Heptane	8.13	43	478353	2.089 ppbv	100
11) Trichlorofluoromethane	3.95	101	503994	2.056 ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.49	101	333518	2.196 ppbv	97
13) Ethanol	3.61	45	30321m	2.077 ppbv	
14) Bromoethene	3.74	108	128664	2.024 ppbv	91
15) Acetone	3.86	43	419266	2.045 ppbv	# 89
16) 1,3-Butadiene	3.33	39	205919	2.100 ppbv	96
17) tert-Butyl alcohol	4.30	59	295079m	1.854 ppbv	
18) 1,1-Dichloroethene	4.29	96	146523	2.123 ppbv	90
19) Isopropyl Alcohol	3.97	45	209628m	1.845 ppbv	
20) Methylene Chloride	4.35	84	134459	2.032 ppbv	92
21) Allyl Chloride	4.42	41	220853	1.934 ppbv	92
22) trans-1,2-Dichloroethene	4.89	96	130146	2.076 ppbv	91
23) Vinyl Acetate	5.08	43	466864	1.936 ppbv	98
24) 1,1-Dichloroethane	5.01	63	364691	2.045 ppbv	98
25) Ethyl Acetate	5.69	43	849829	2.147 ppbv	99
26) Hexane	5.69	57	340026	2.090 ppbv	96
27) Carbon Disulfide	4.56	76	325576	2.178 ppbv	95
28) Methyl tert-Butyl Ether	5.04	73	435563	2.050 ppbv	97
29) Chloroform	5.76	83	531680	2.029 ppbv	96
30) Cyclohexane	7.14	84	251559	1.860 ppbv	# 77
31) cis-1,2-Dichloroethene	5.56	61	322866	2.006 ppbv	# 86
32) 1,1,1-Trichloroethane	6.52	97	511851	2.089 ppbv	97
34) 2-Butanone	5.25	43	553230m	2.146 ppbv	
35) Carbon Tetrachloride	7.02	117	532945	2.049 ppbv	99
36) Benzene	6.89	78	675456	2.049 ppbv	94
37) 1,2-Dichloroethane	6.31	62	404620	1.985 ppbv	100
38) Trichloroethene	7.84	130	242546	2.054 ppbv	89
39) 1,2-Dichloropropane	7.62	63	275990m	2.061 ppbv	
40) 1,4-Dioxane	7.85	88	85527m	1.844 ppbv	
41) Tetrahydrofuran	6.07	42	299200m	2.080 ppbv	
42) Bromodichloromethane	7.80	83	555177	2.034 ppbv	98
43) Methyl Methacrylate	8.02	69	268606	1.932 ppbv	93

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 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC002

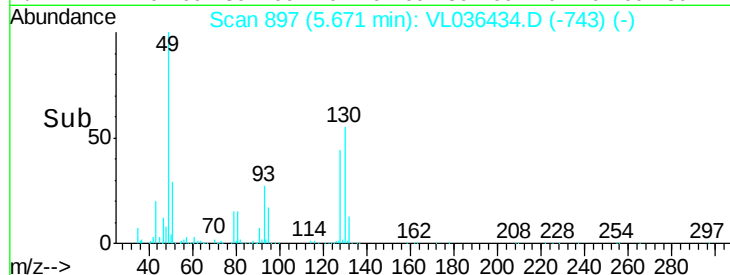
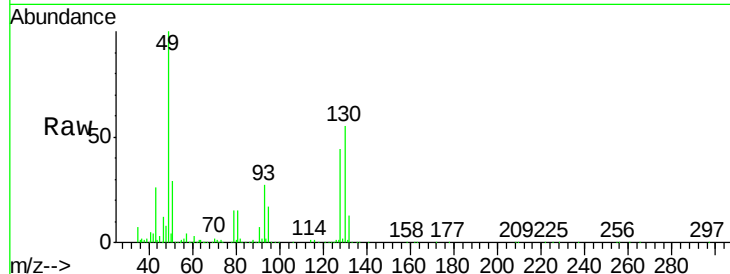
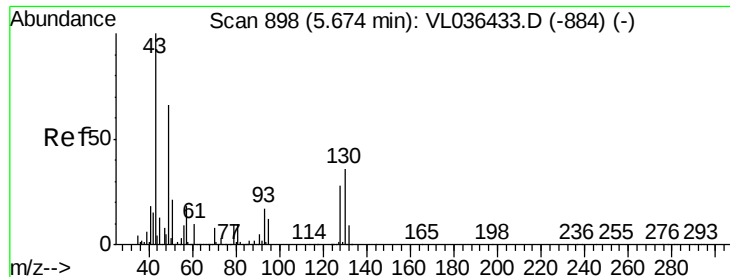
Manual Integrations
 APPROVED

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

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	1266471	2.113	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	253546	1.891	ppbv	91
46) cis-1,3-Dichloropropene	8.71	75	335653	1.970	ppbv	97
47) 1,1,2-Trichloroethane	9.48	97	285619	2.084	ppbv	95
48) Dibromochloromethane	10.31	129	414079	2.025	ppbv	94
49) Bromoform	13.05	173	348720	2.110	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	767641	2.006	ppbv	100
51) 2-Hexanone	10.15	43	571860	1.966	ppbv #	99
52) Tetrachloroethene	11.23	164	235628m	1.953	ppbv	
53) Toluene	9.82	91	745805	2.089	ppbv	100
54) 1,2-Dibromoethane	10.62	107	407898	2.060	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	358063	2.075	ppbv #	1
57) Chlorobenzene	12.15	112	596978m	2.059	ppbv	
58) Ethyl Benzene	12.72	91	1057575	2.058	ppbv	93
59) m/p-Xylene	13.00	91	1861090m	4.124	ppbv	
60) o-Xylene	13.70	91	913962m	2.118	ppbv	
61) Styrene	13.54	104	537013	2.008	ppbv	98
62) Isopropylbenzene	14.68	105	1344035	2.078	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.69	83	645137	1.895	ppbv	98
64) n-propylbenzene	15.57	120	331002	2.079	ppbv	80
65) tert-Butylbenzene	16.75	119	1207524	2.182	ppbv	98
66) Benzyl Chloride	17.00	91	281885	1.874	ppbv	97
67) sec-Butylbenzene	17.31	105	1694902	2.124	ppbv	97
69) p-Isopropyltoluene	17.66	119	1350494	2.190	ppbv	99
70) n-Butylbenzene	18.56	91	1430290	2.162	ppbv	97
71) 2-Chlorotoluene	15.46	91	1022161	2.062	ppbv	99
72) 4-Ethyltoluene	15.85	105	987680	2.057	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	955997	2.054	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	1036668	2.181	ppbv	94
75) 1,3-Dichlorobenzene	17.01	146	549764	2.131	ppbv	98
76) 1,4-Dichlorobenzene	17.15	146	506309	1.890	ppbv	98
77) 1,2-Dichlorobenzene	17.83	146	534716	2.090	ppbv	98
78) Hexachloro-1,3-Butadiene	23.39	225	441094m	2.110	ppbv	
79) Naphthalene	22.22	128	586525m	2.082	ppbv	
80) Naphthalene, 2-methyl-	25.00	142	63109	1.210	ppbv	92
81) 1,2,4-Trichlorobenzene	21.95	180	354669m	2.064	ppbv	

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

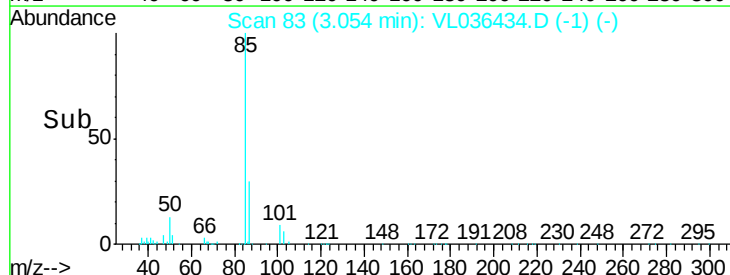
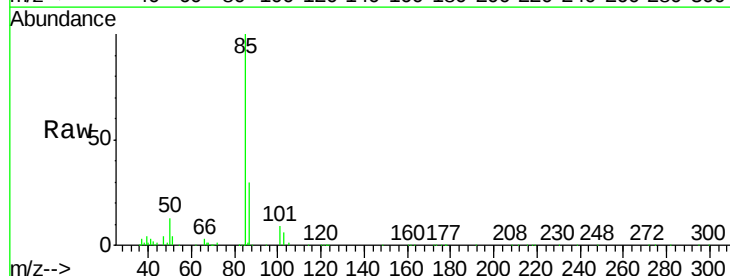
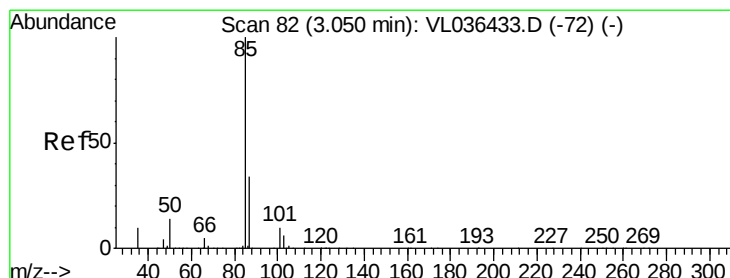
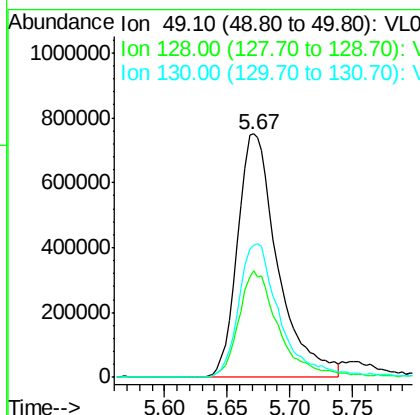


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Instrument : MSVOA_1
Delta R.T.:
ClientSampleId :
Lab File: VSTDIC002
Acq: 3 Mar 2021 10:14

Tot Ion:
Ion Ratio
49 100
128 44.
130 57.

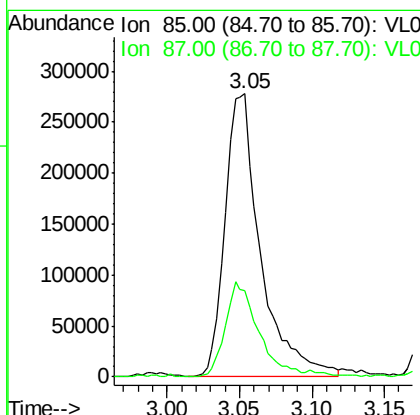
Manual Integrations
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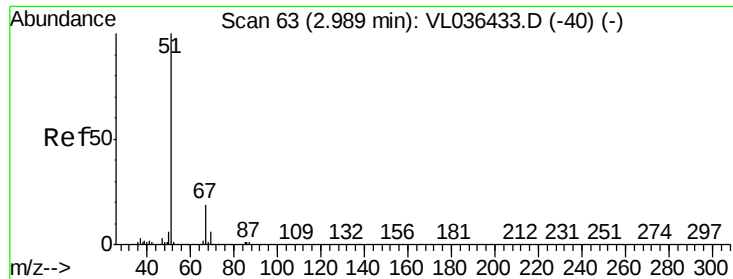
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#2
Dichlorodifluoromethane
Concen: 1.869 ppbv
RT: 3.05 min Scan# 83
Delta R.T. 0.00 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion: 85 Resp: 467856
Ion Ratio Lower Upper
85 100
87 30.3 27.1 40.7





#3

Chlorodifluoromethane

Concen: 2.012 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VSTDIC002

Acq: 3 Mar 2021 10:14

Tot Ion:

Ion Ratio

51 100

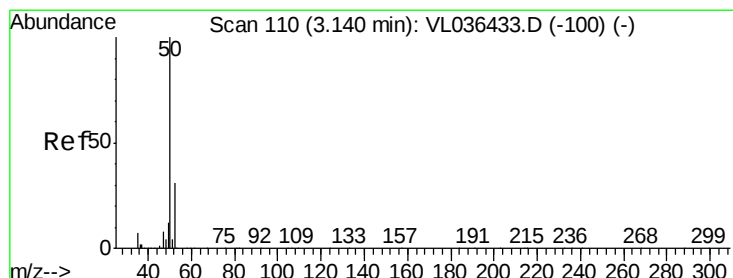
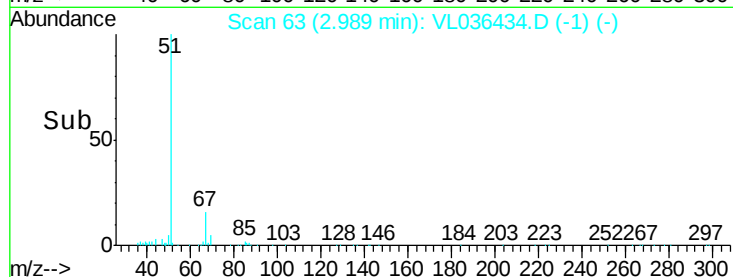
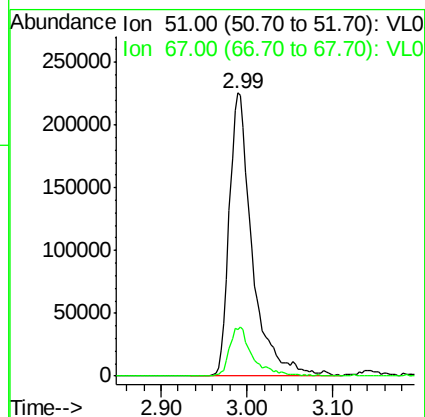
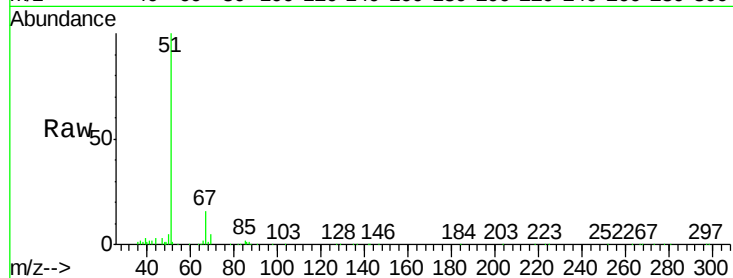
67 17.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#4

Chloromethane

Concen: 2.054 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL036434.D

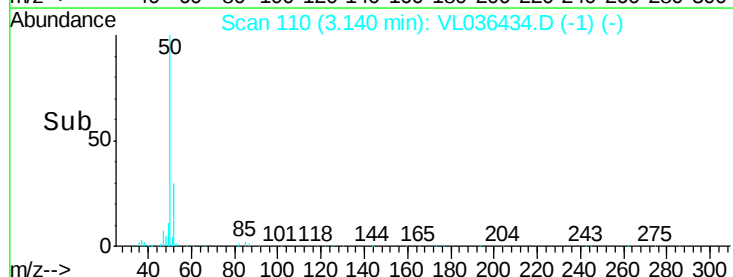
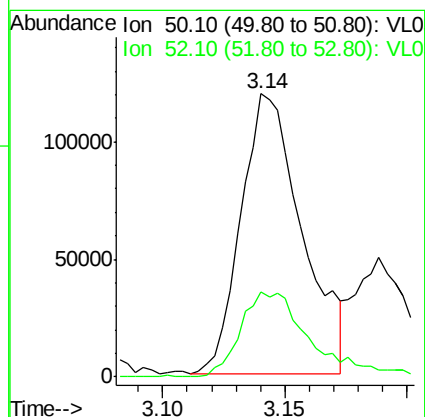
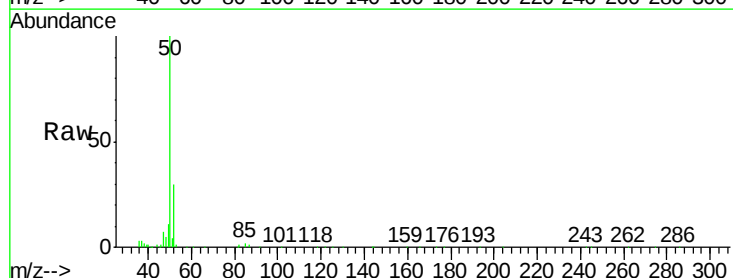
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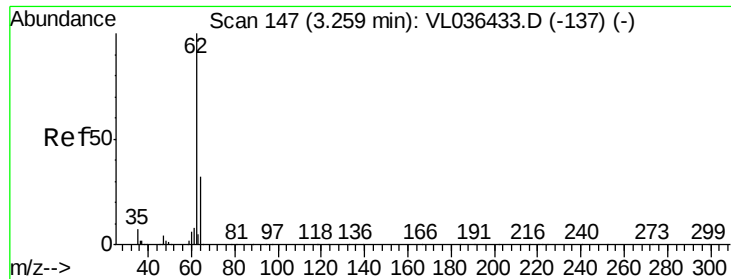
Tgt Ion: 50 Resp: 206820

Ion Ratio Lower Upper

50 100

52 30.3 24.6 36.8





#5

Vinyl Chloride

Concen: 2.043 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:14 VSTDIC002

Tot Ion:

Ion Ratio

62 100

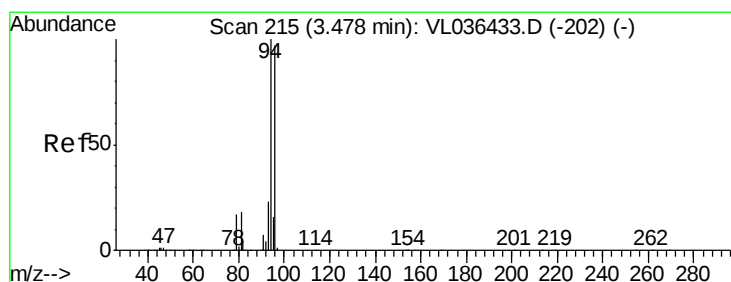
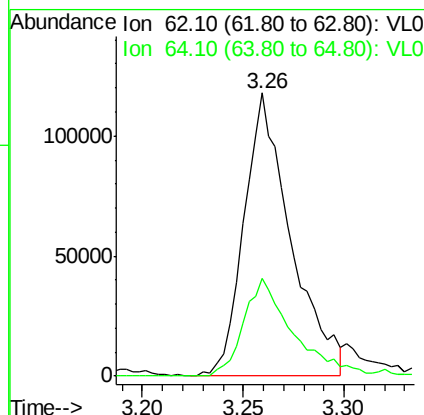
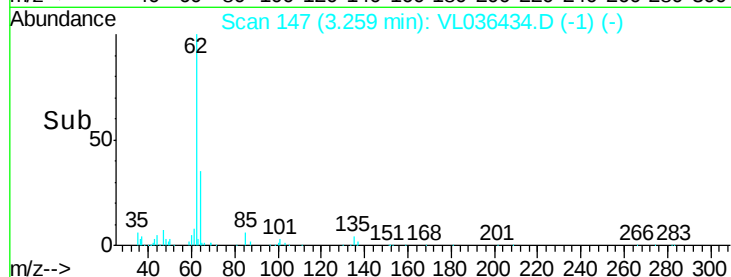
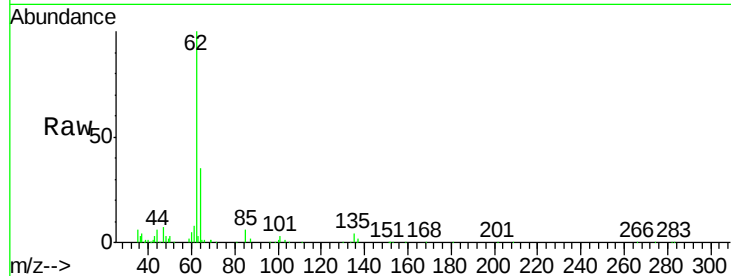
64 34.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#6

Bromomethane

Concen: 2.070 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL036434.D

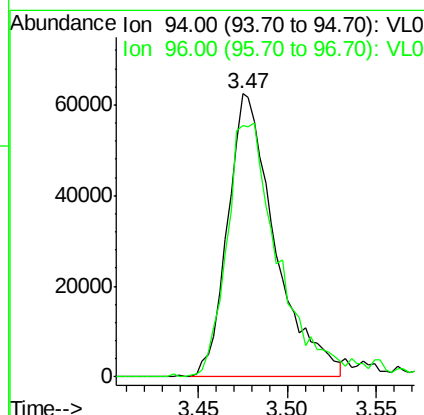
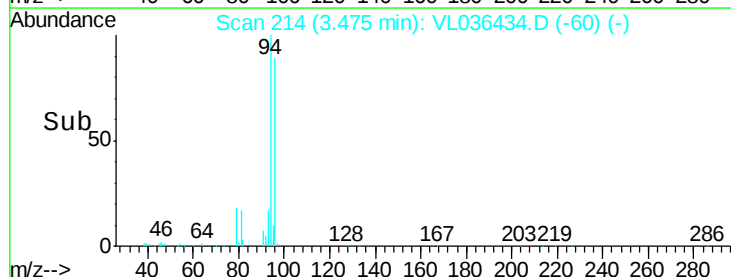
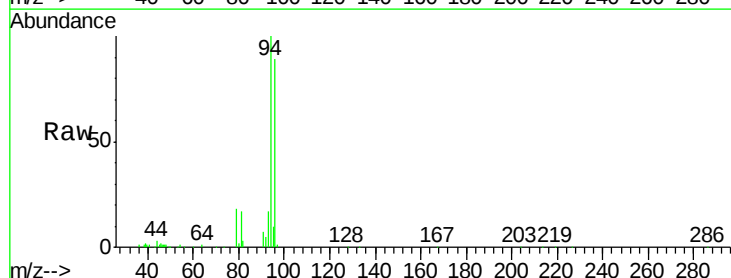
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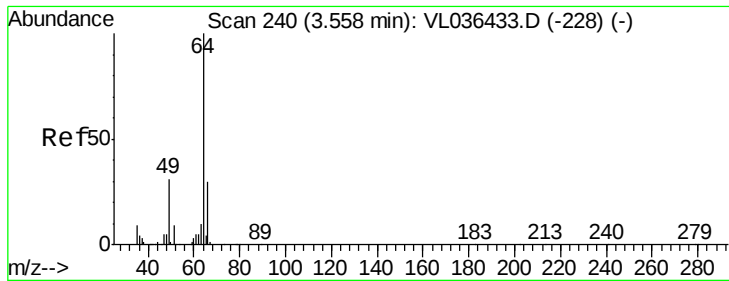
Tgt Ion: 94 Resp: 115384

Ion Ratio Lower Upper

94 100

96 88.4 77.3 115.9





#7

Chloroethane

Concen: 2.042 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:14 VSTDIC002

Tot Ion:

Ion Ratio

64 100

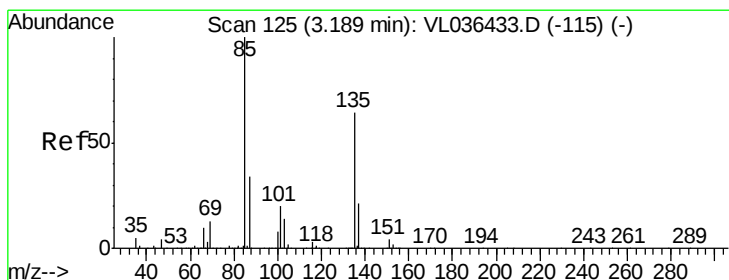
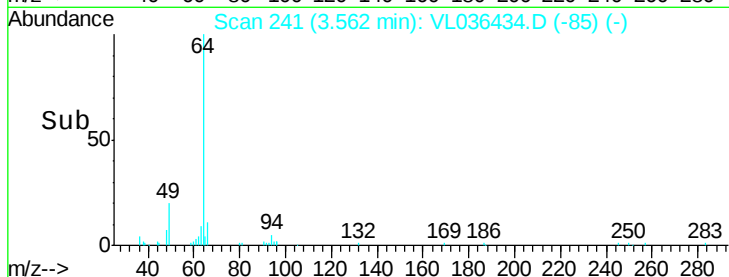
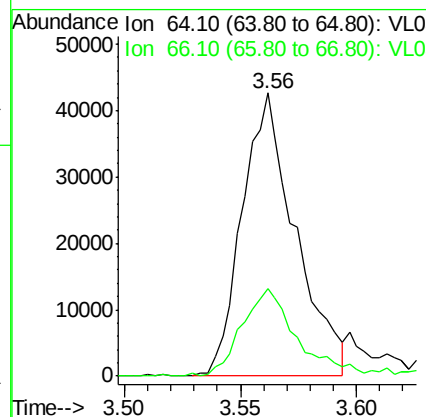
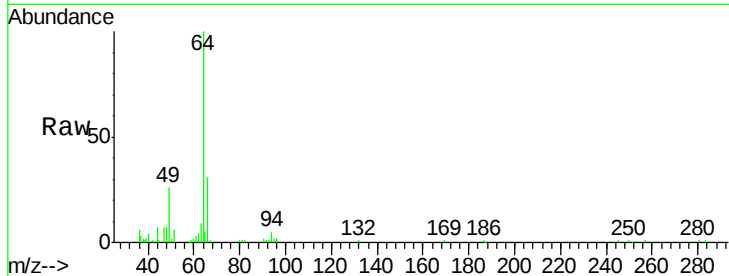
66 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#8

Dichlorotetrafluoroethane

Concen: 2.139 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL036434.D

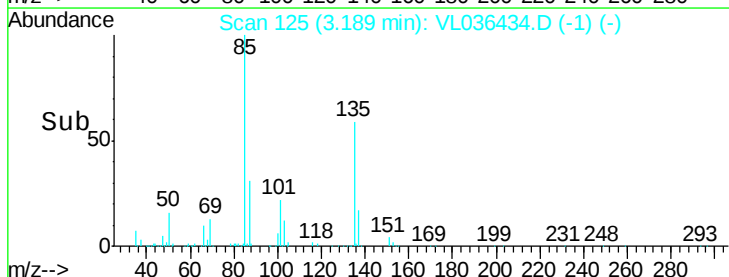
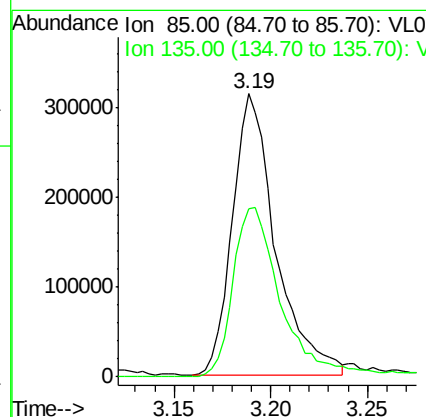
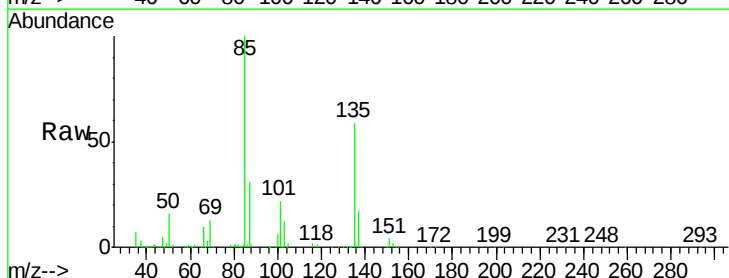
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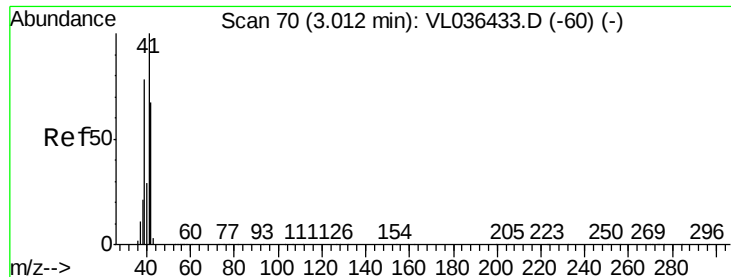
Tgt Ion: 85 Resp: 487071

Ion Ratio Lower Upper

85 100

135 69.0 52.8 79.2



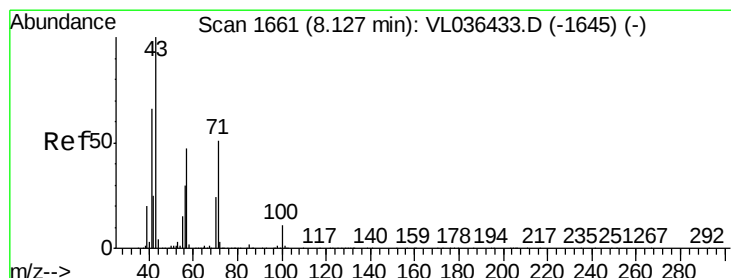
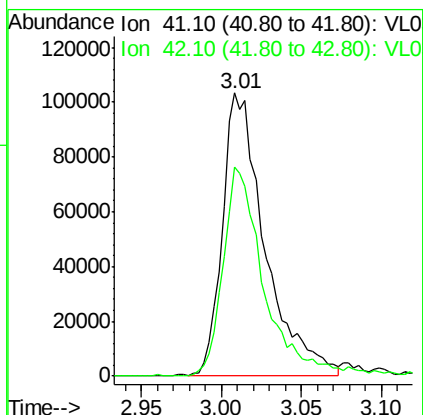
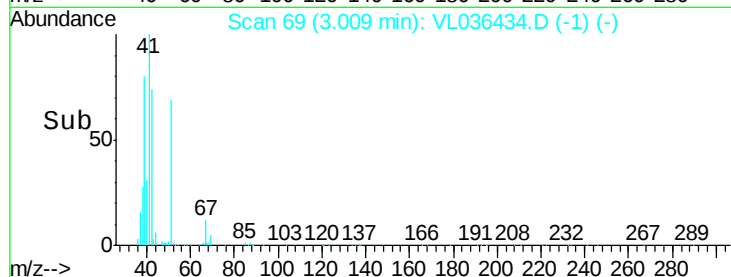
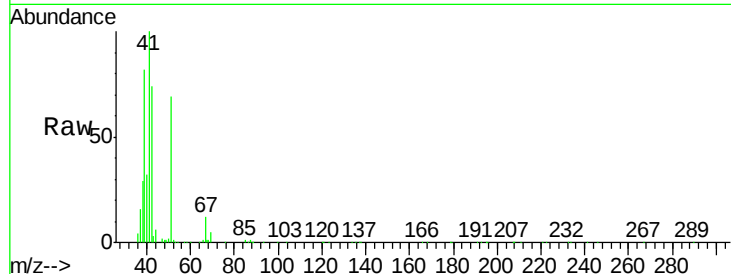


#9
 Propene
 Concen: 2.399 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 10:14

Tot Ion:
 Ion Ratio
 41 100
 42 73.

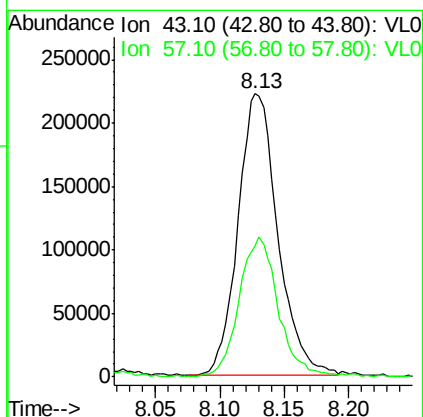
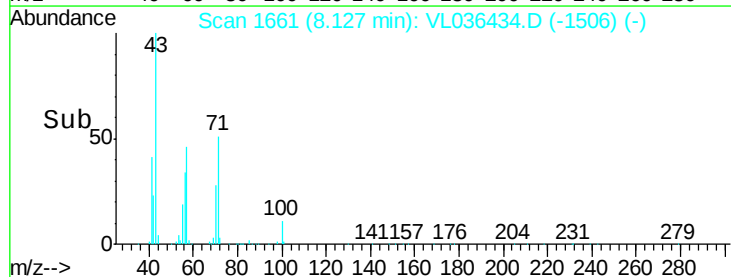
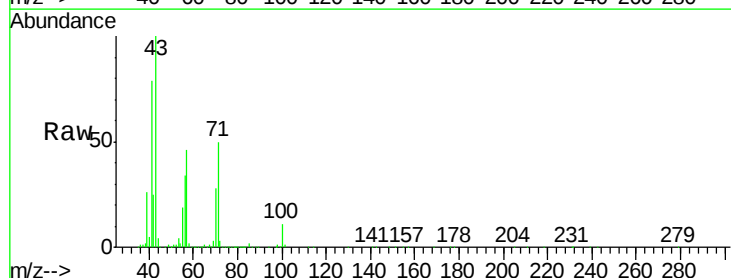
Manual Integrations
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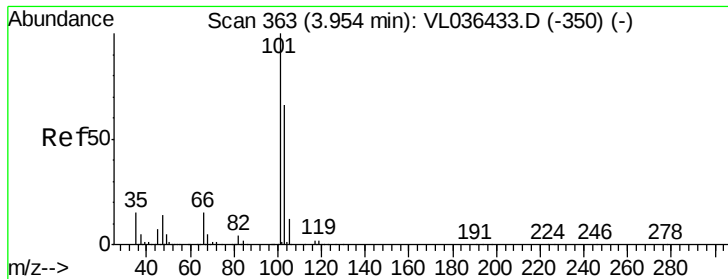
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#10
 Heptane
 Concen: 2.089 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VL036434.D
 Acq: 3 Mar 2021 10:14

Tgt Ion: 43 Resp: 478353
 Ion Ratio Lower Upper
 43 100
 57 49.2 39.1 58.7



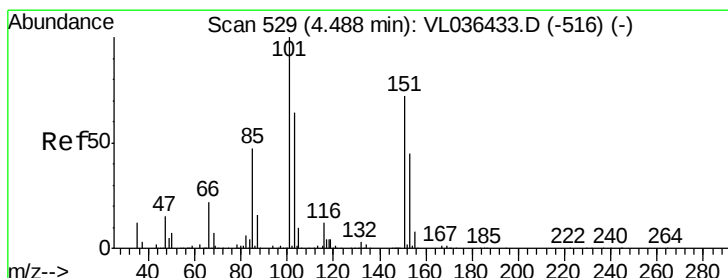
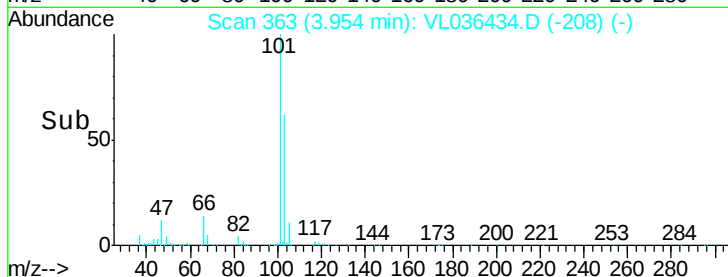
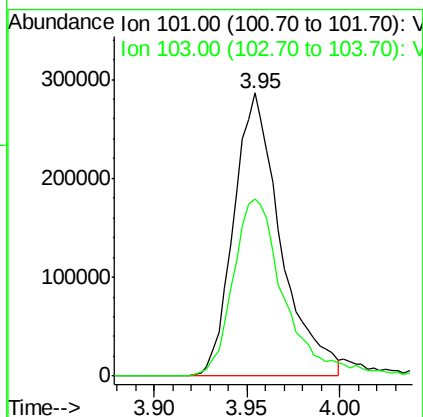
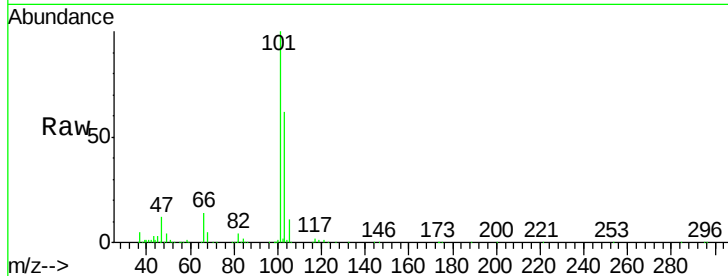


#11
 Trichlorofluoromethane
 Concen: 2.056 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC002
 Acq: 3 Mar 2021 10:14

Tot Ion:1
 Ion Rati
 101 100
 103 62.

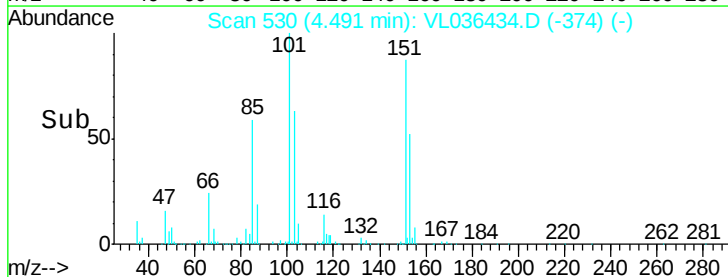
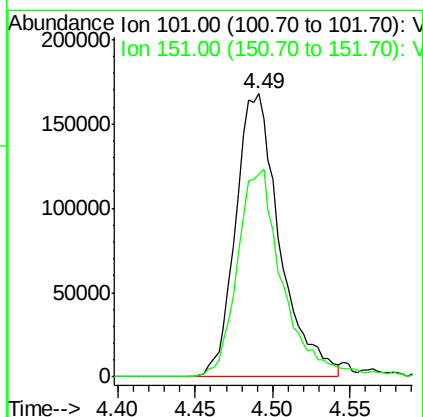
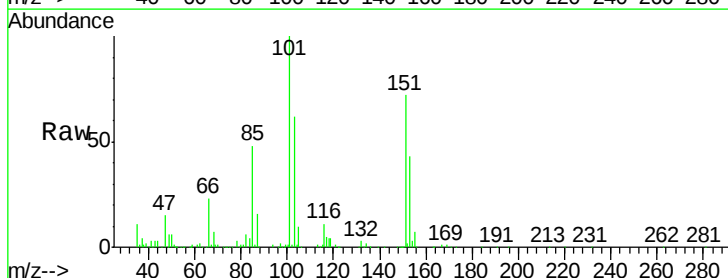
Manual Integrations
 APPROVED

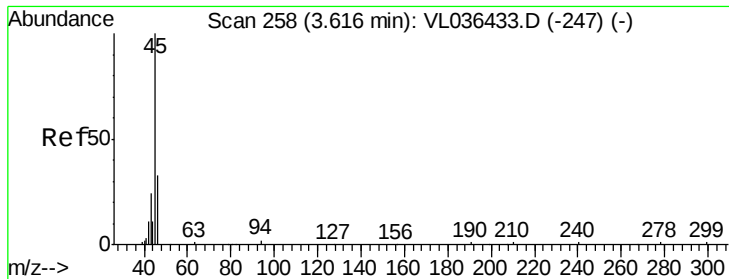
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.196 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VL036434.D
 Acq: 3 Mar 2021 10:14

Tgt Ion:101 Resp: 333518
 Ion Ratio Lower Upper
 101 100
 151 76.0 59.0 88.4



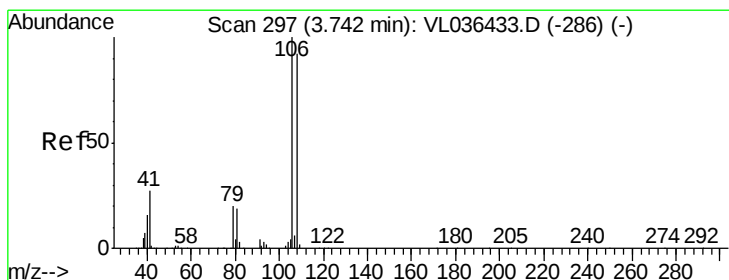
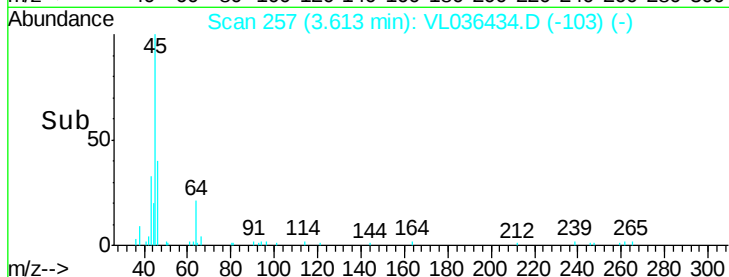
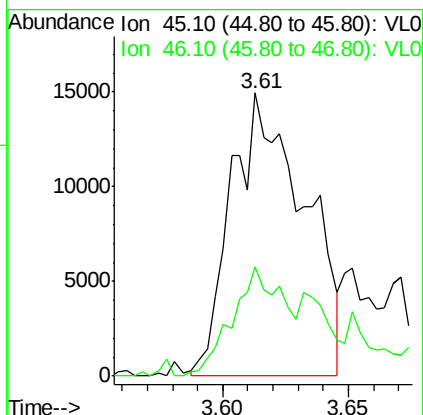
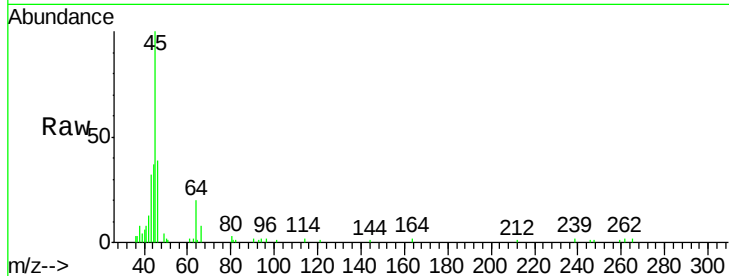


#13
Ethanol
Concen: 2.077 ppbv m
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 10:14

Tot Ion:
Ion Ratio
45 100
46 53.

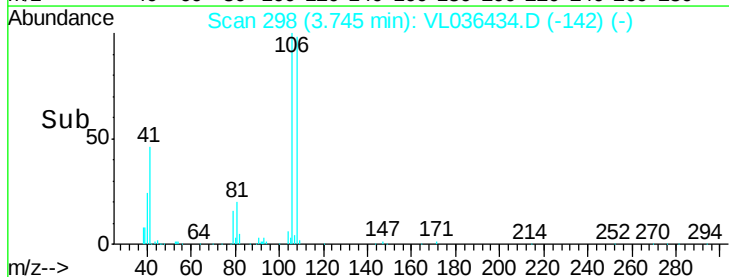
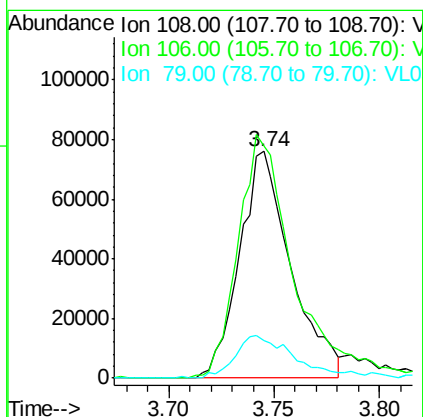
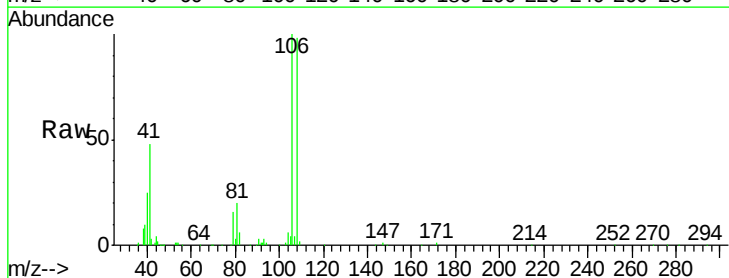
Manual Integrations
APPROVED

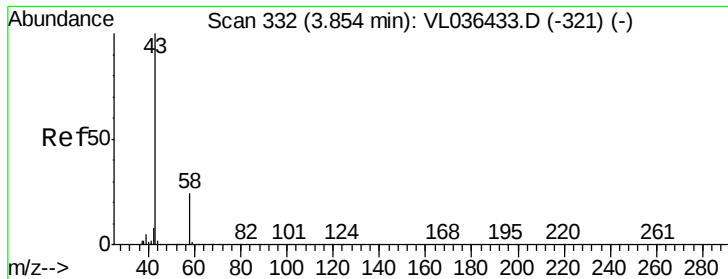
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#14
Bromoethene
Concen: 2.024 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion:108 Resp: 128664
Ion Ratio Lower Upper
108 100
106 119.1 87.0 130.4
79 23.1 17.1 25.7





#15

Acetone

Concen: 2.045 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 10:14

Tot Ion:

Ion Ratio

43 100

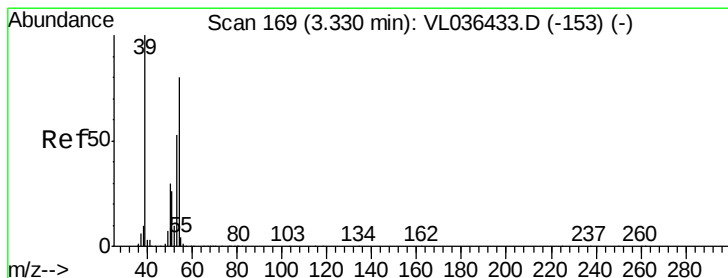
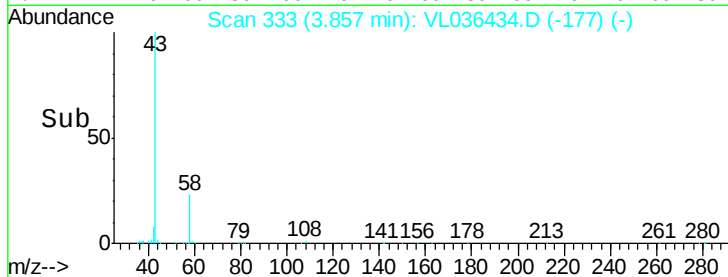
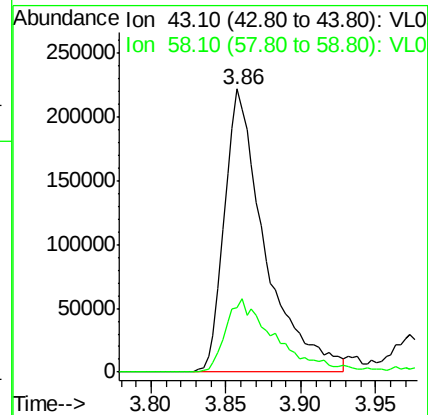
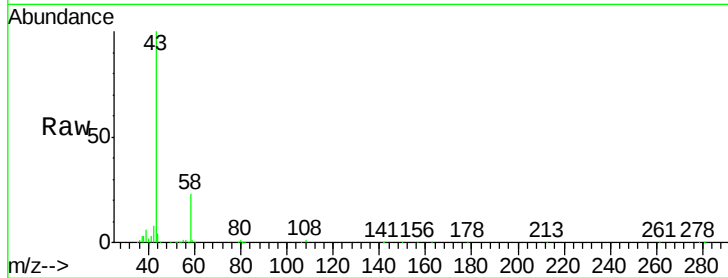
58 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#16

1,3-Butadiene

Concen: 2.100 ppbv

RT: 3.33 min Scan# 169

Delta R.T. -0.00 min

Lab File: VL036434.D

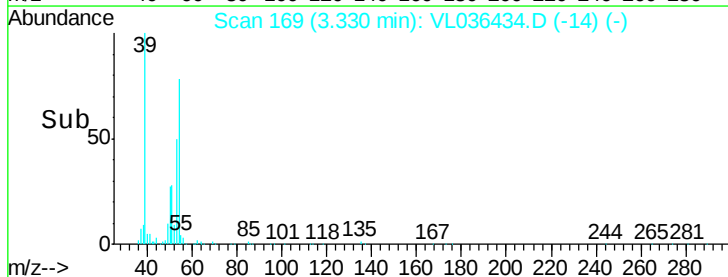
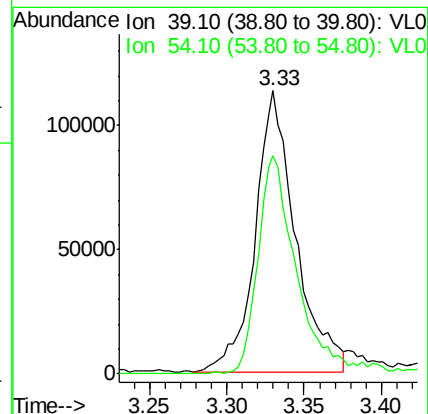
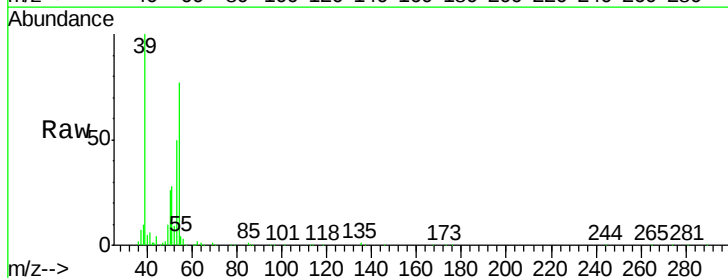
Acq: 3 Mar 2021 10:14

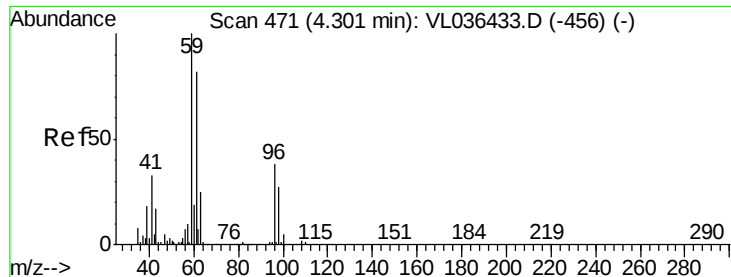
Tgt Ion: 39 Resp: 205919

Ion Ratio Lower Upper

39 100

54 76.9 64.5 96.7





#17

tert-Butyl alcohol

Concen: 1.854 ppbv m

RT: 4.30 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDIC002

Acq: 3 Mar 2021 10:14

Tot Ion:

Ion Ratio

59 100

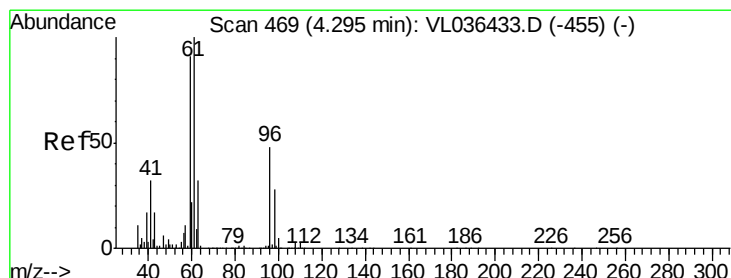
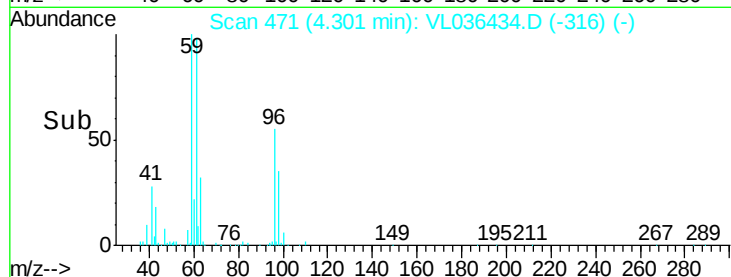
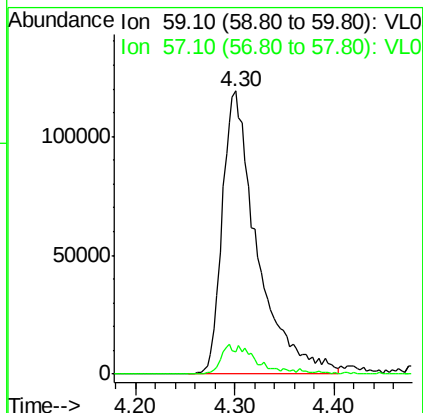
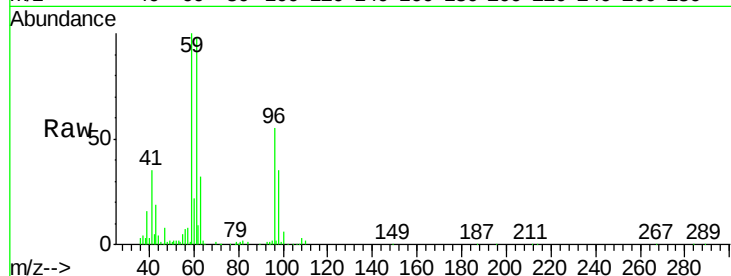
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#18

1,1-Dichloroethene

Concen: 2.123 ppbv

RT: 4.29 min Scan# 469

Delta R.T. -0.00 min

Lab File: VL036434.D

Acq: 3 Mar 2021 10:14

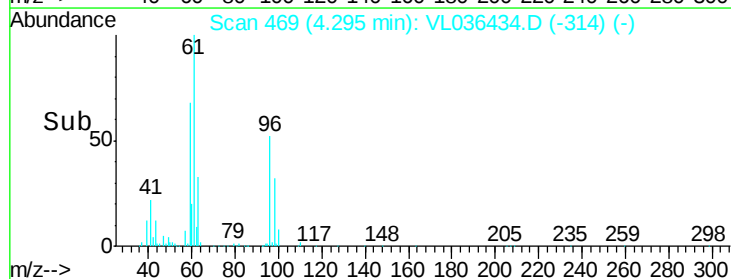
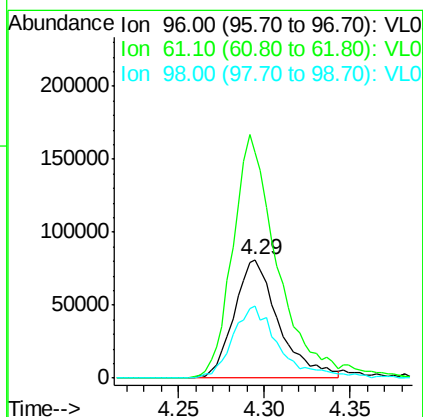
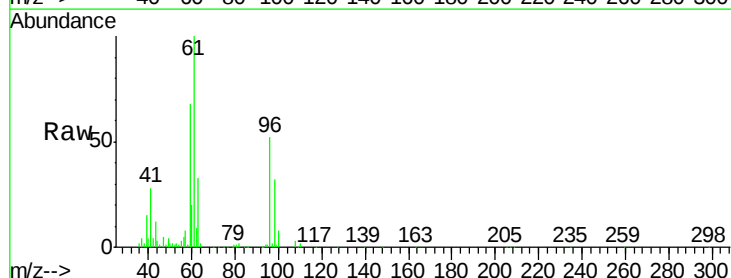
Tgt Ion: 96 Resp: 146523

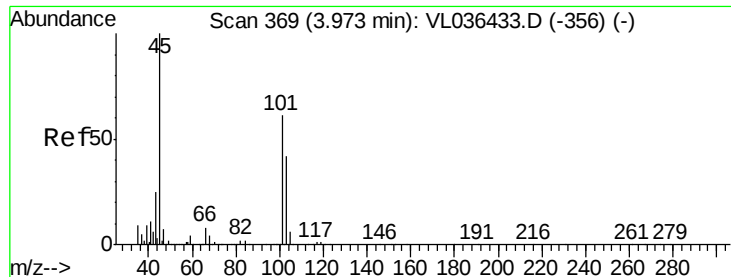
Ion Ratio Lower Upper

96 100

61 190.9 168.2 252.2

98 61.2 47.8 71.6





#19

Isopropyl Alcohol

Concen: 1.845 ppbv m

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:14 VSTDIC002

Tot Ion:

Ion Ratio

45 100

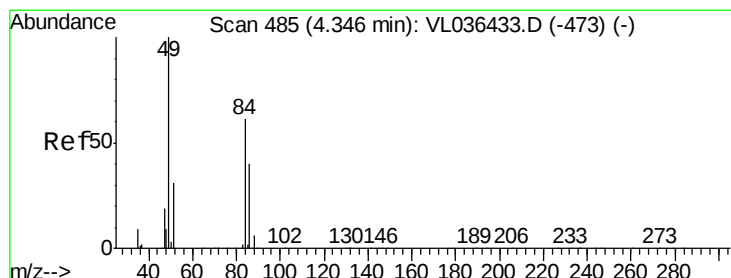
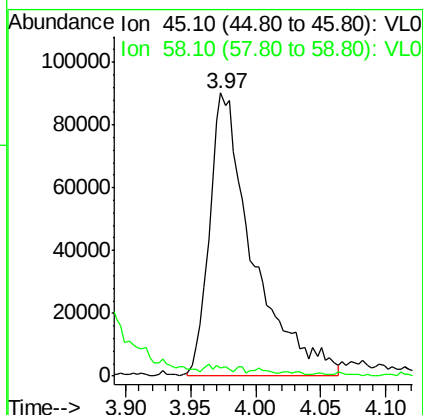
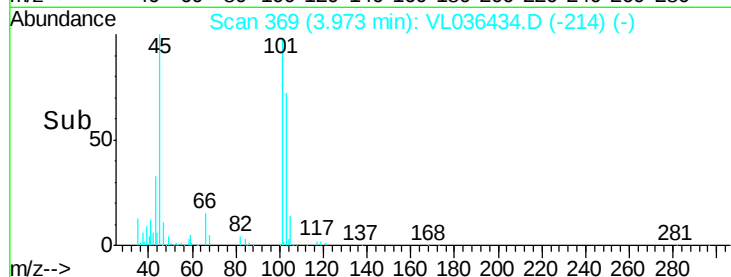
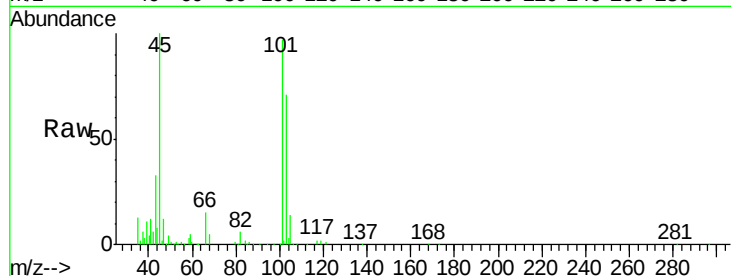
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#20

Methylene Chloride

Concen: 2.032 ppbv

RT: 4.35 min Scan# 485

Delta R.T. -0.00 min

Lab File: VL036434.D

Acq: 3 Mar 2021 10:14

Tgt Ion: 84 Resp: 134459

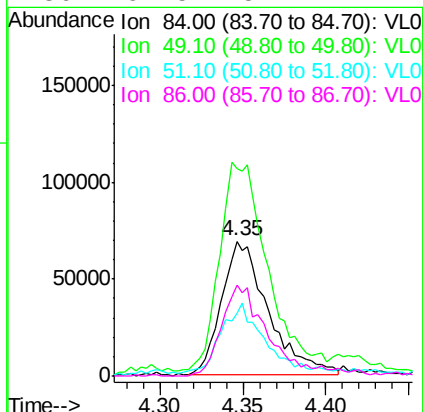
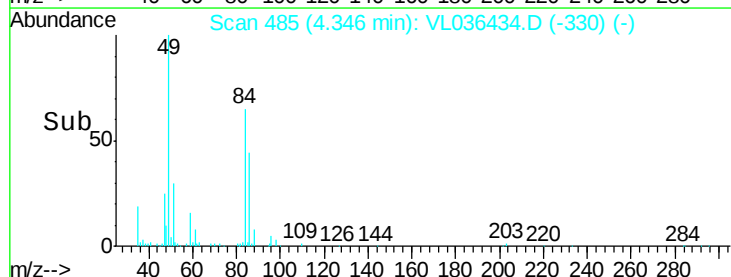
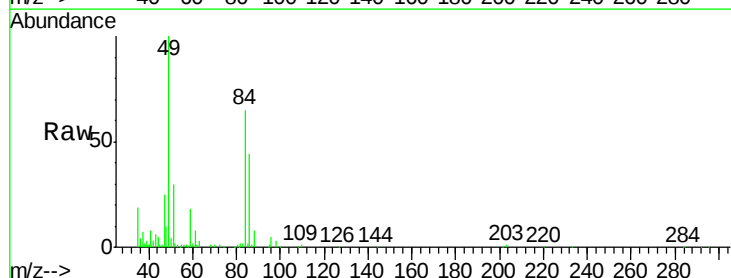
Ion Ratio Lower Upper

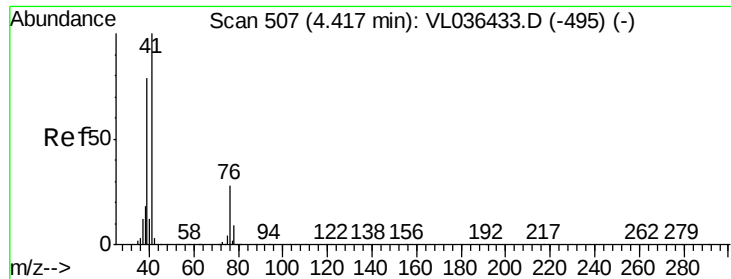
84 100

49 151.4 130.2 195.2

51 43.7 40.5 60.7

86 67.5 51.4 77.2





#21

Allvl Chloride

Concen: 1.934 ppbv

RT: 4.42 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:14 VSTDIC002

Tot Ion:

Ion Ratio

41 100

76 29.

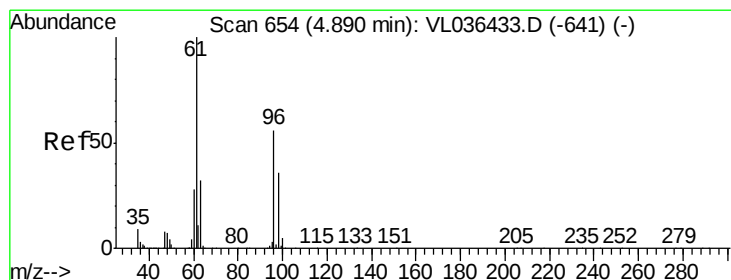
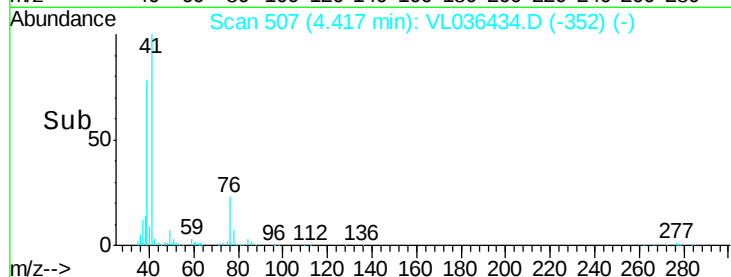
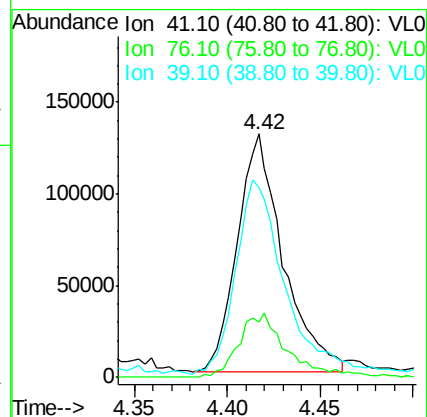
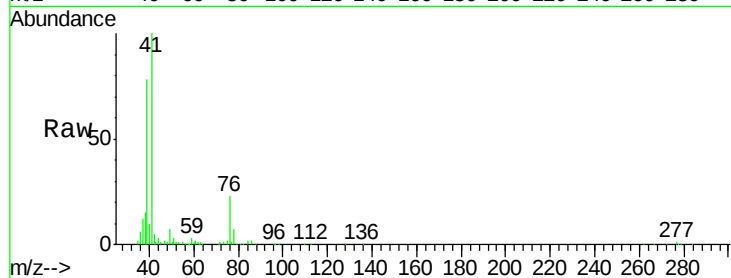
39 91.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#22

trans-1,2-Dichloroethene

Concen: 2.076 ppbv

RT: 4.89 min Scan# 653

Delta R.T. -0.00 min

Lab File: VL036434.D

Acq: 3 Mar 2021 10:14

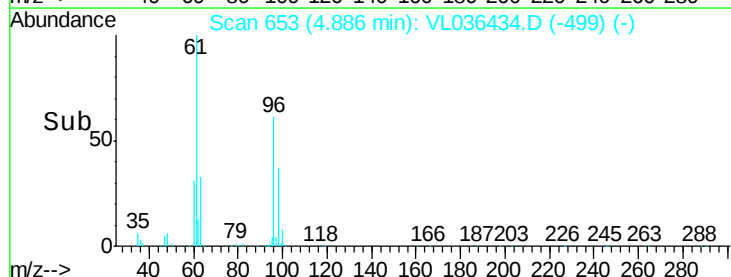
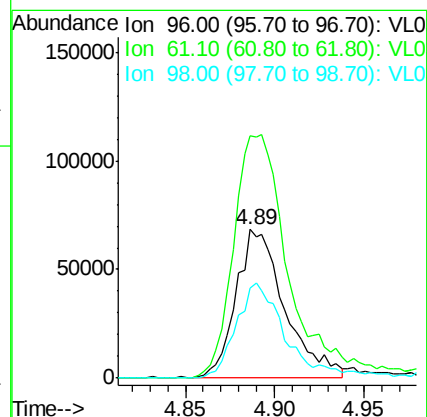
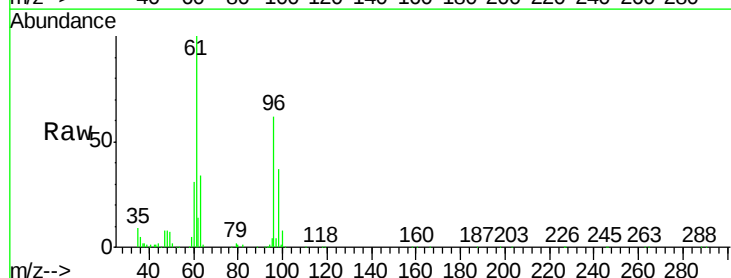
Tgt Ion: 96 Resp: 130146

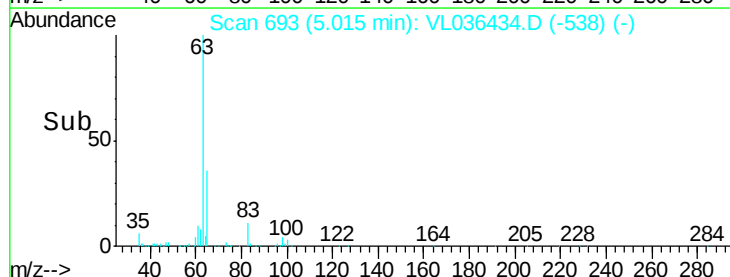
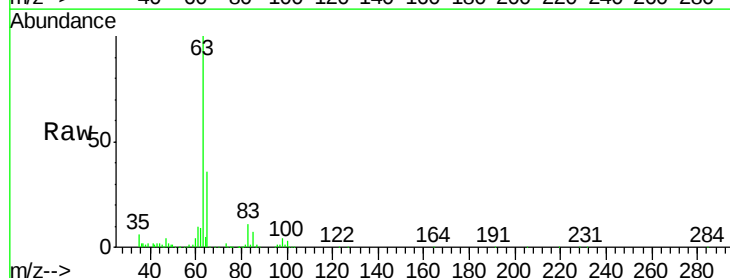
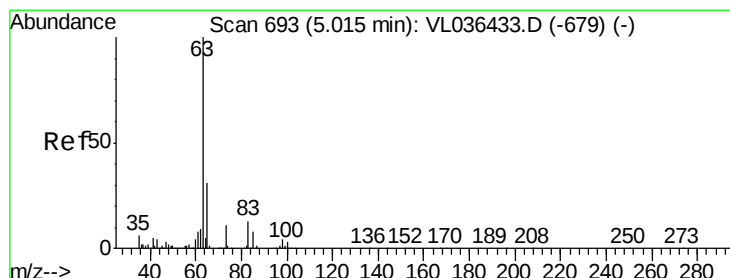
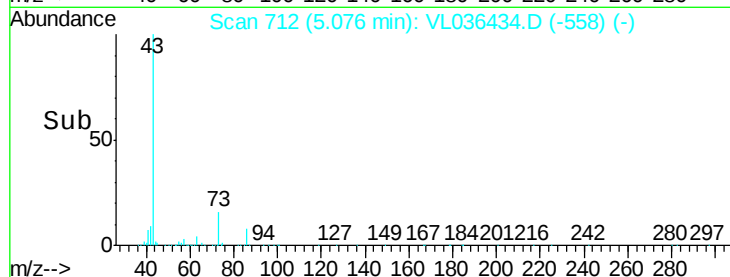
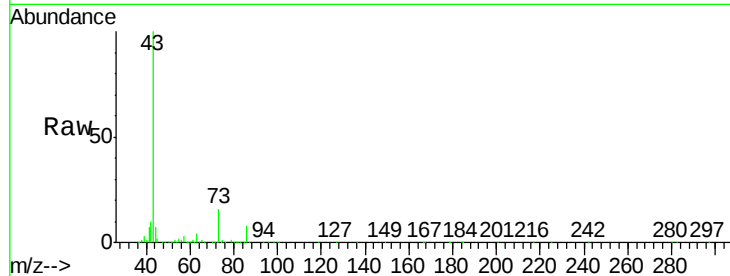
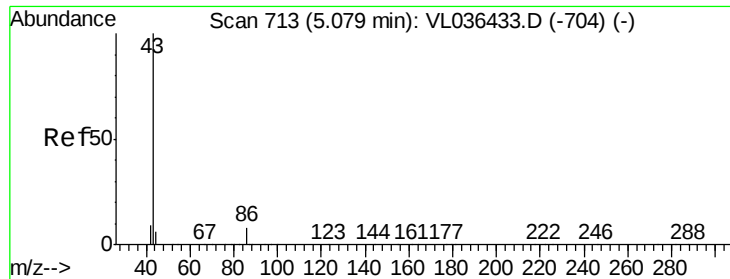
Ion Ratio Lower Upper

96 100

61 161.9 142.1 213.1

98 60.5 50.6 75.8





#23

Vinyl Acetate

Concen: 1.936 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC002

Acq: 3 Mar 2021 10:14

Tot Ion:

Ion Ratio

43 100

86 7.

42 9.

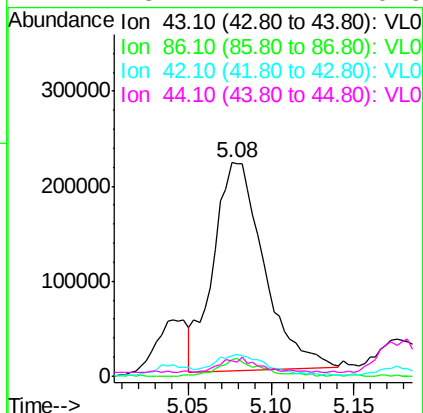
44 5.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#24

1,1-Dichloroethane

Concen: 2.045 ppbv

RT: 5.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: VL036434.D

Acq: 3 Mar 2021 10:14

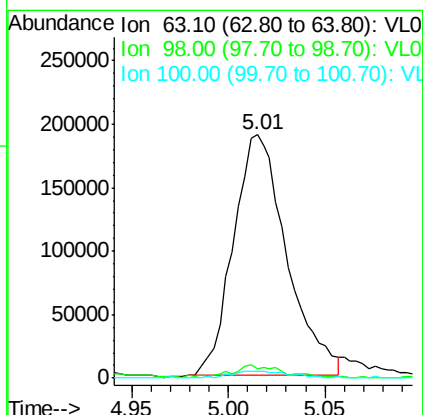
Tgt Ion: 63 Resp: 364691

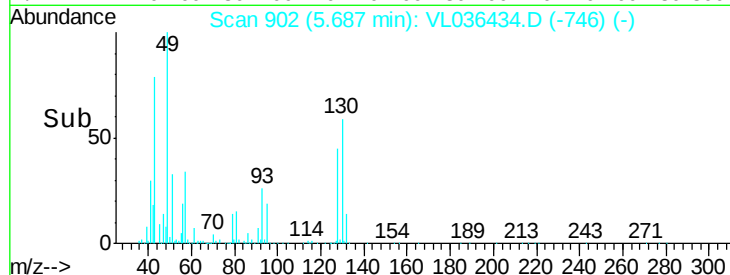
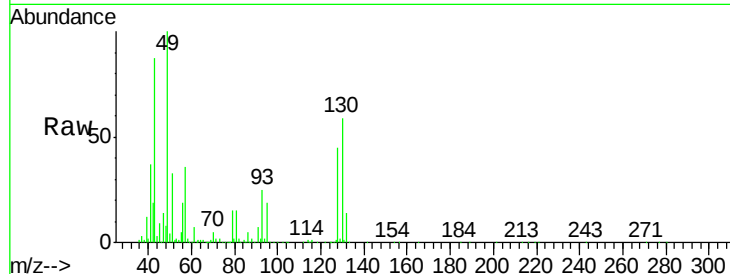
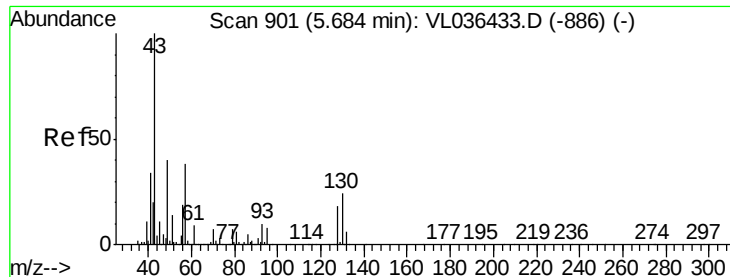
Ion Ratio Lower Upper

63 100

98 3.2 2.0 5.8

100 2.9 1.3 3.8



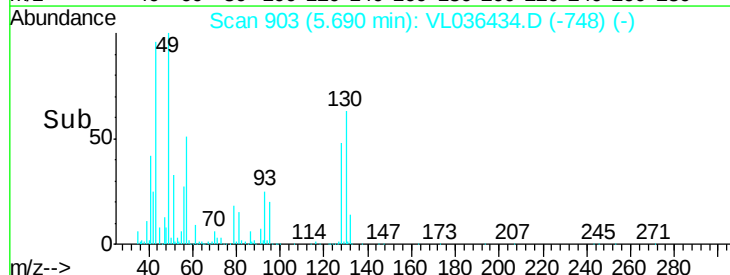
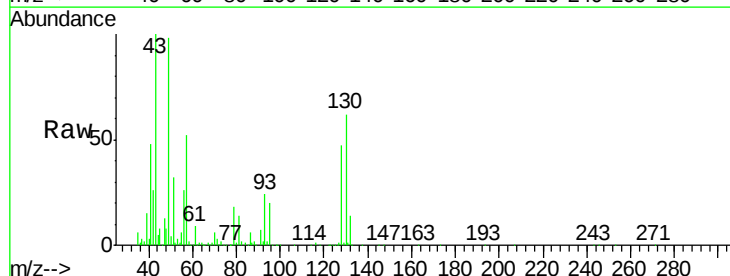
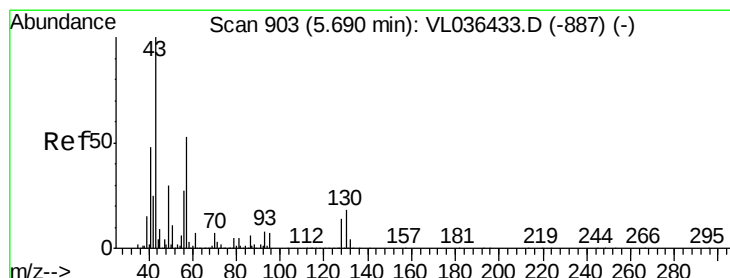
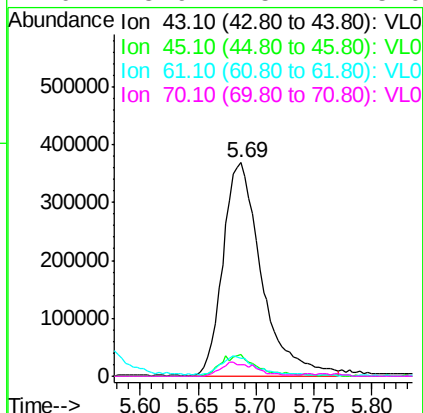


#25
Ethyl Acetate
Concen: 2.147 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC002
Acq: 3 Mar 2021 10:14

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 5.9 5.4 8.0

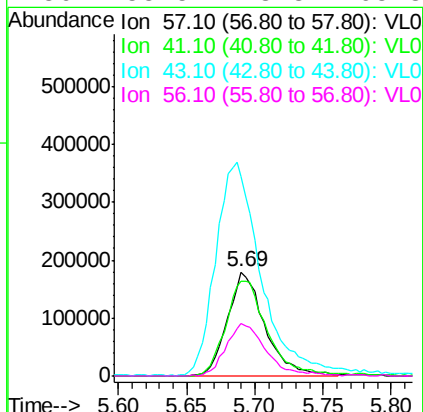
Manual Integrations
APPROVED

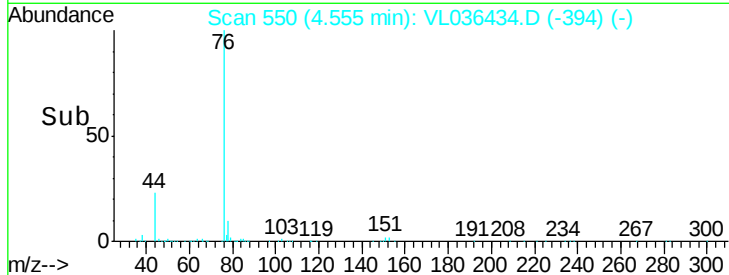
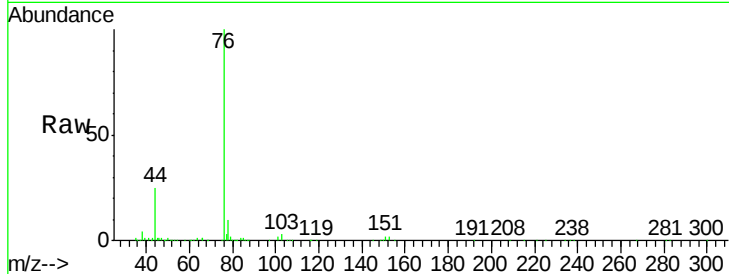
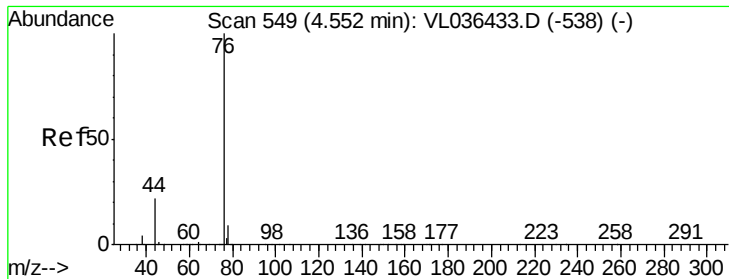
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#26
Hexane
Concen: 2.090 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion: 57 Resp: 340026
Ion Ratio Lower Upper
57 100
41 104.1 80.4 120.6
43 258.1 199.8 299.6
56 55.5 43.8 65.8



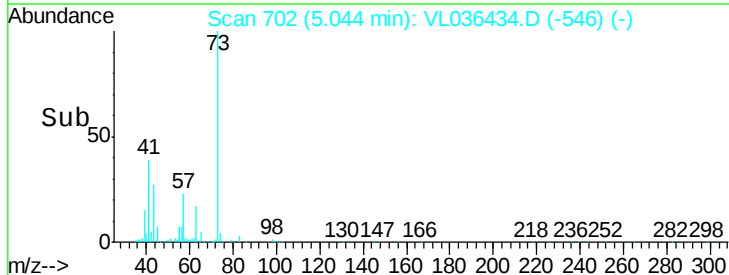
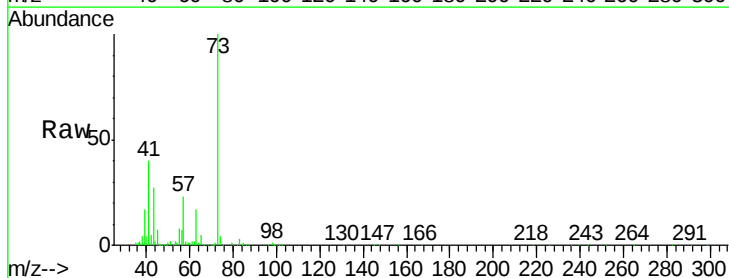
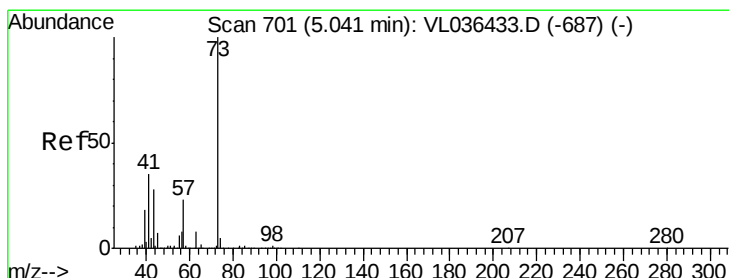
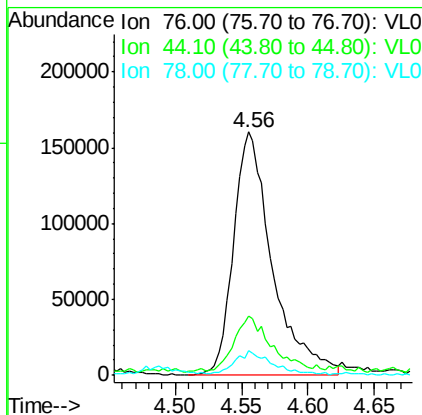


#27
Carbon Disulfide
Concen: 2.178 ppbv
RT: 4.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 10:14

Tot Ion:
Ion Ratio
76 100
44 24.
78 10.

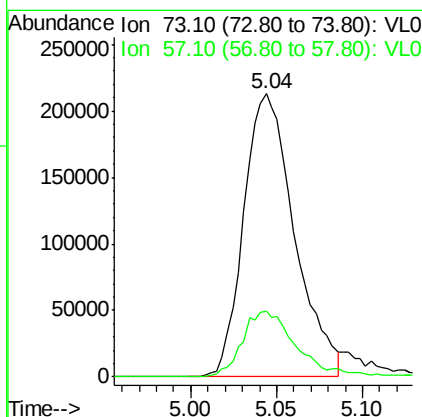
Manual Integrations
APPROVED

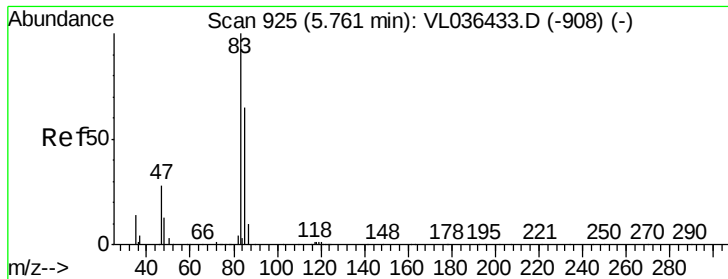
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#28
Methyl tert-Butyl Ether
Concen: 2.050 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.00 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion: 73 Resp: 435563
Ion Ratio Lower Upper
73 100
57 25.3 19.0 28.6



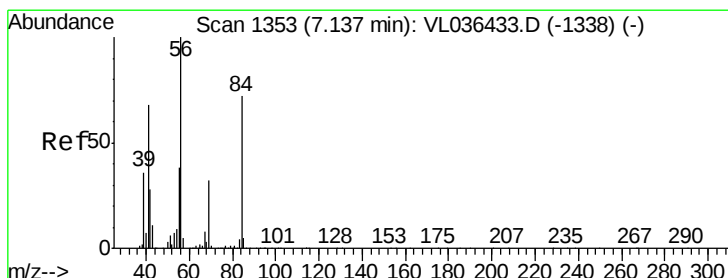
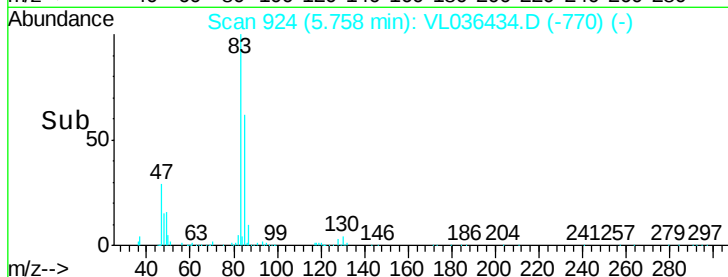
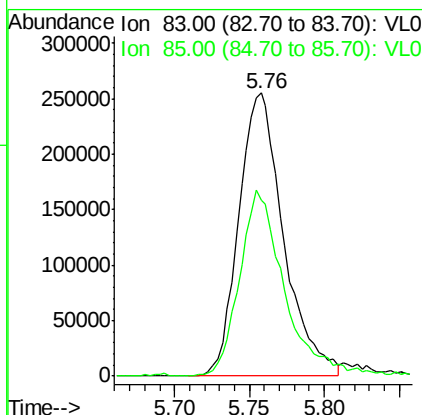
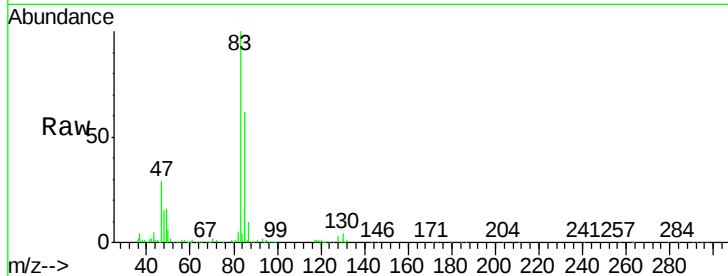


#29
Chloroform
Concen: 2.029 ppbv
RT: 5.76
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 10:14

Tot Ion:
Ion Ratio
83 100
85 61.

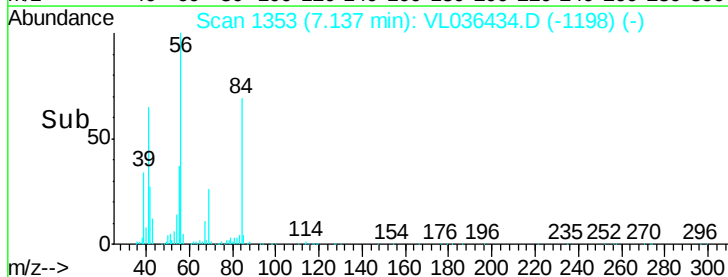
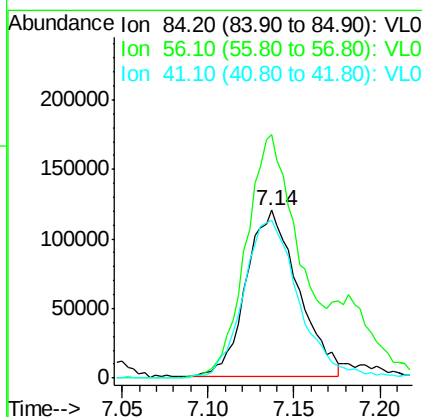
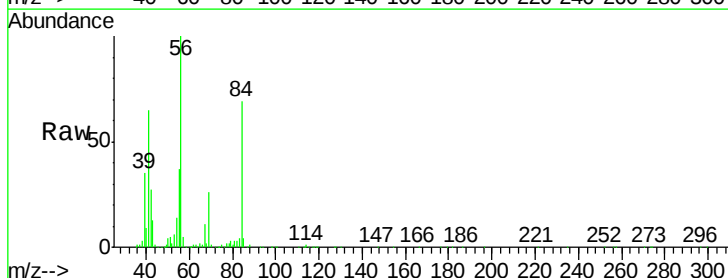
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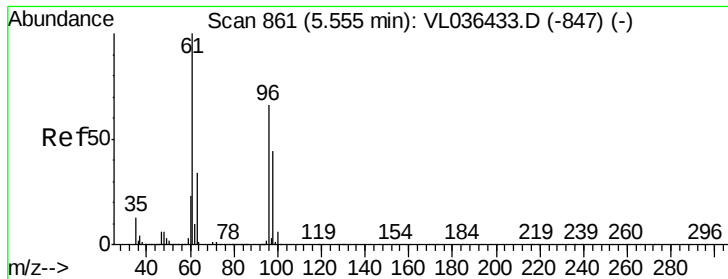
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#30
Cyclohexane
Concen: 1.860 ppbv
RT: 7.14 min Scan# 1353
Delta R.T.: -0.00 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion: 84 Resp: 251559
Ion Ratio Lower Upper
84 100
56 188.9 117.6 176.4#
41 102.6 75.9 113.9





#31

cis-1,2-Dichloroethene

Concen: 2.006 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:14 VSTDIC002

Tot Ion:

Ion Ratio

61 100

96 54.

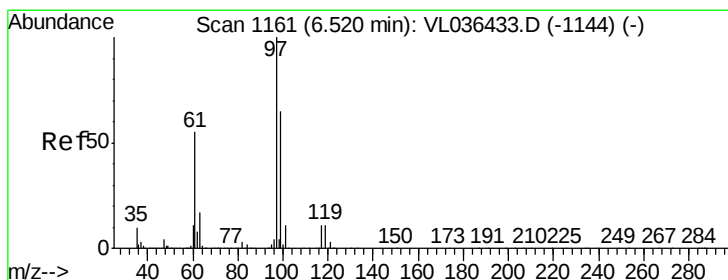
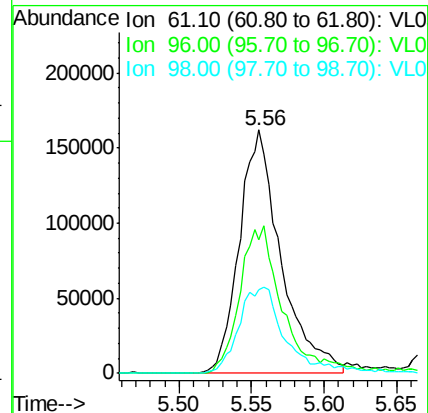
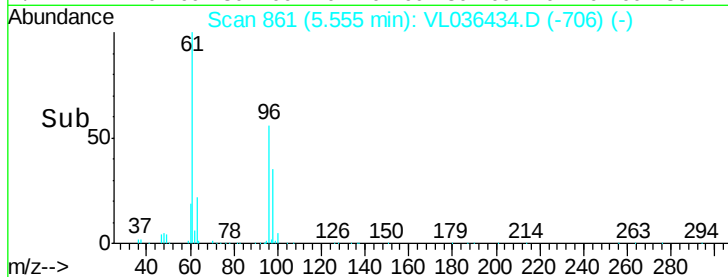
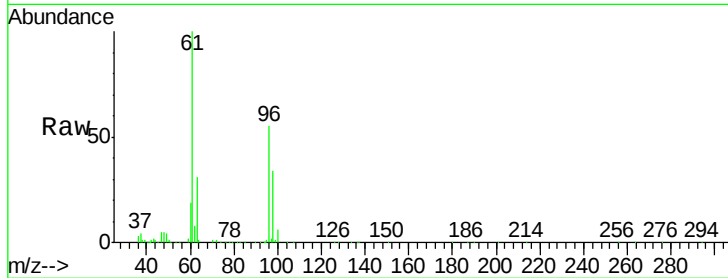
98 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#32

1,1,1-Trichloroethane

Concen: 2.089 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. -0.00 min

Lab File: VL036434.D

Acq: 3 Mar 2021 10:14

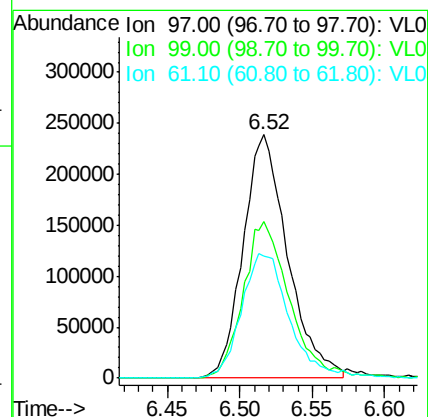
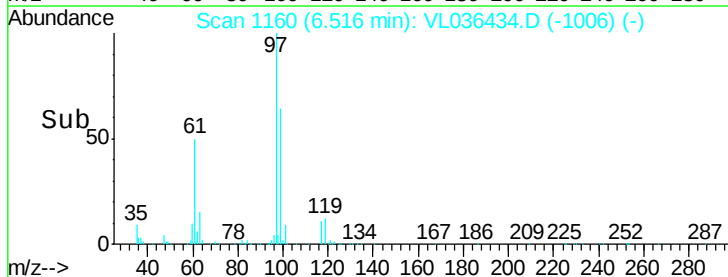
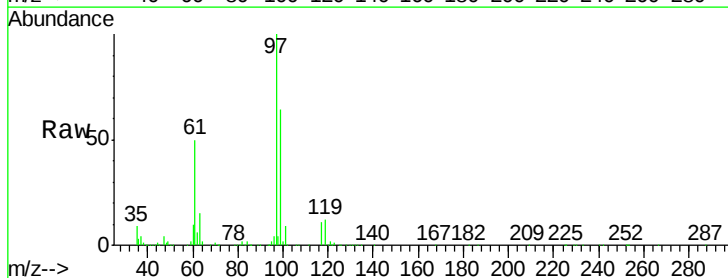
Tgt Ion: 97 Resp: 511851

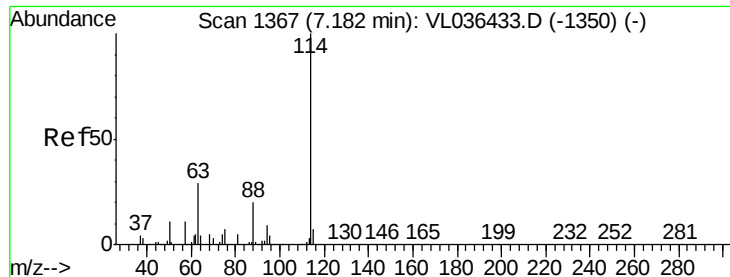
Ion Ratio Lower Upper

97 100

99 67.1 52.1 78.1

61 55.1 42.2 63.4



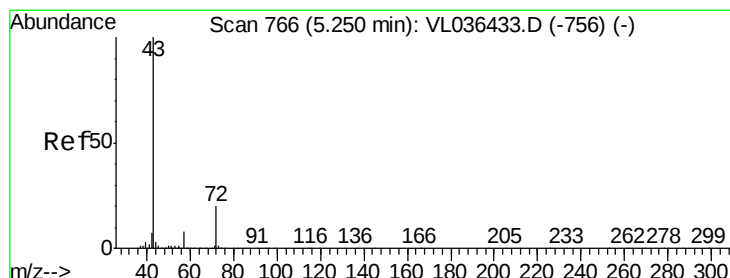
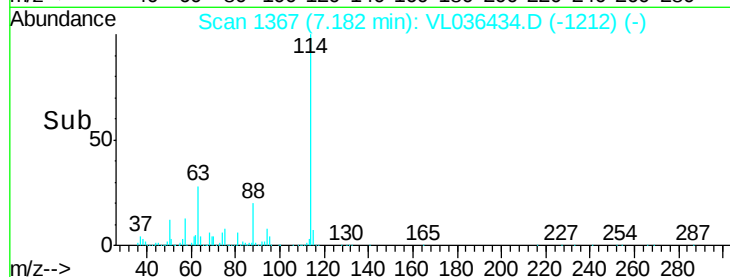
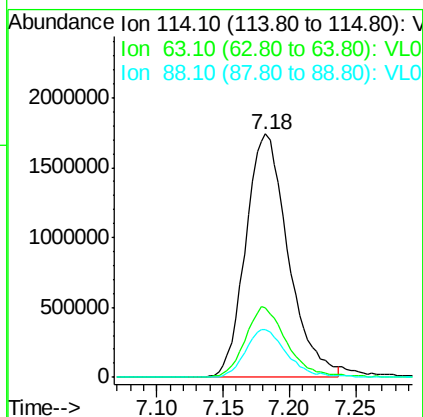
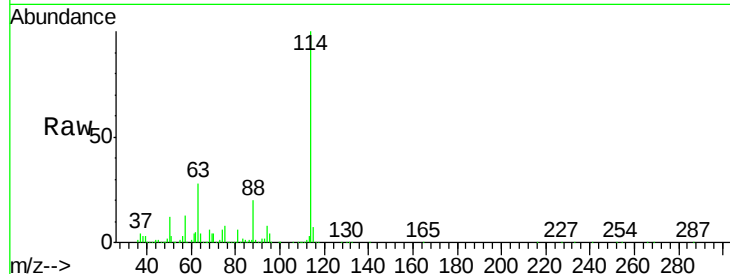


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC002
 Acq: 3 Mar 2021 10:14

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

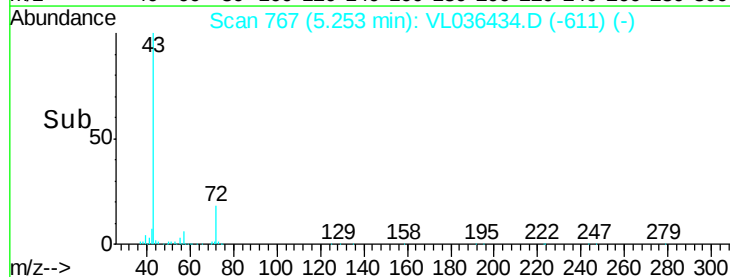
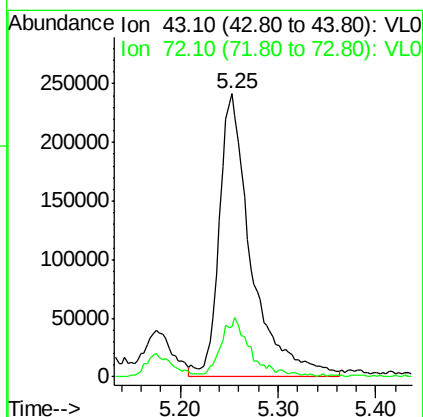
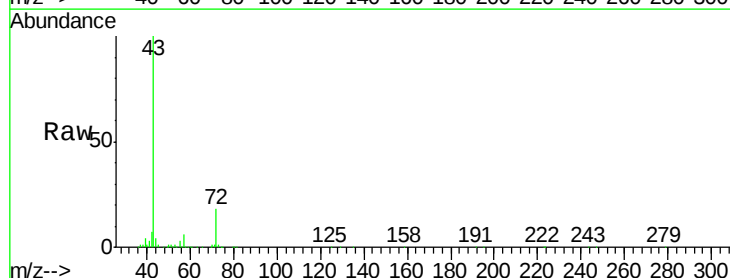
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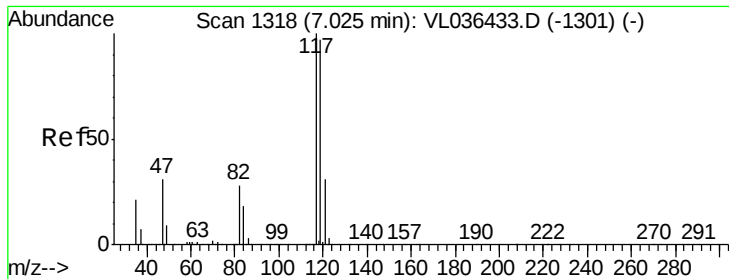
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#34
 2-Butanone
 Concen: 2.146 ppbv m
 RT: 5.25 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VL036434.D
 Acq: 3 Mar 2021 10:14

Tgt Ion: 43 Resp: 553230
 Ion Ratio Lower Upper
 43 100
 72 20.2 16.7 25.1



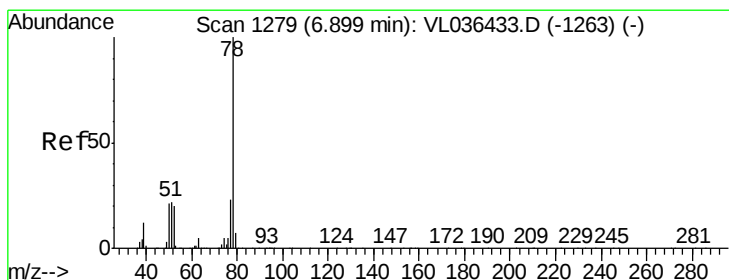
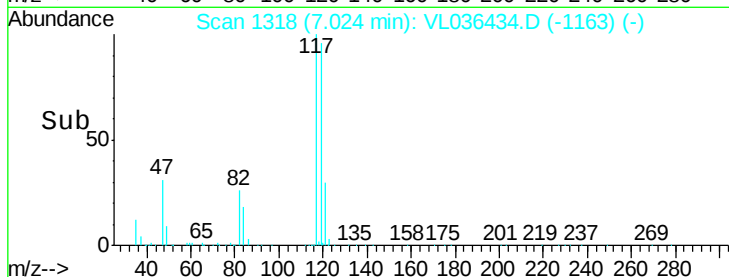
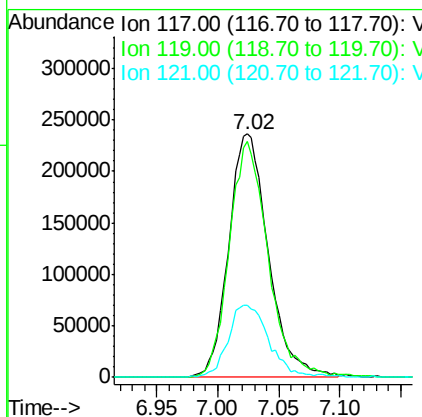
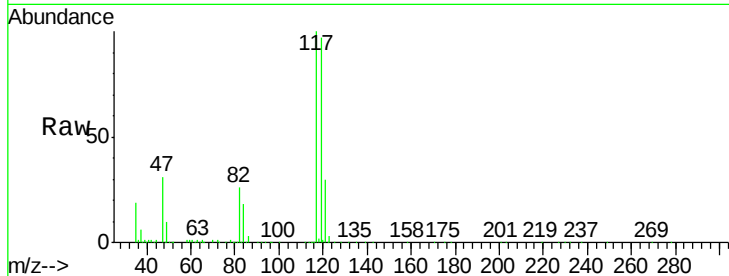


#35
Carbon Tetrachloride
Concen: 2.049 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC002
Acq: 3 Mar 2021 10:14

Tot Ion:1
Ion Rati
117 100
119 96.
121 29.

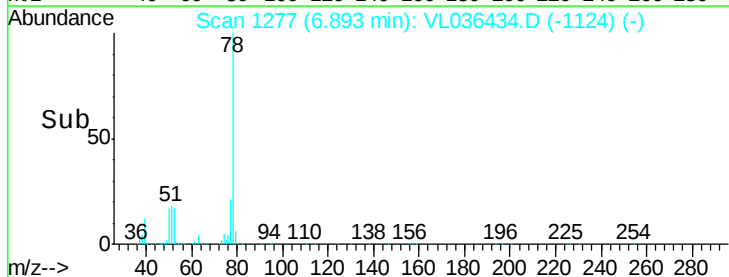
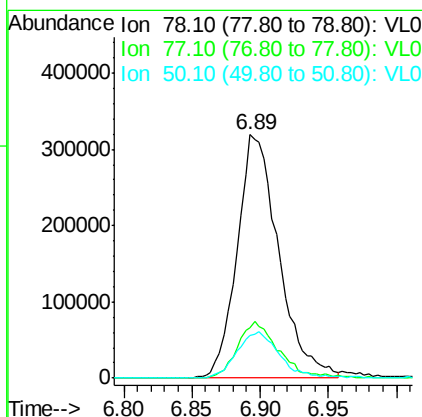
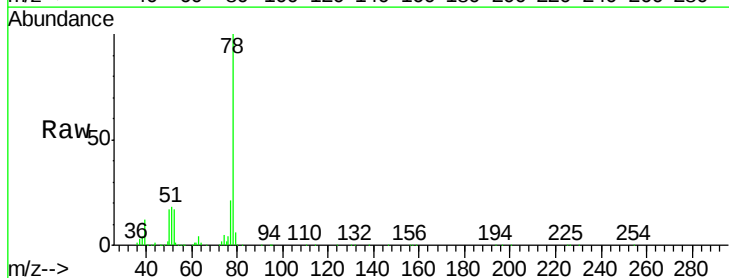
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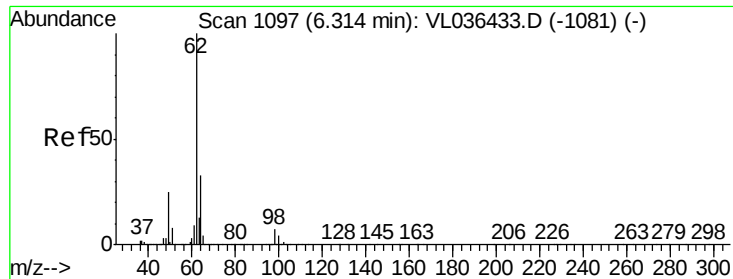
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#36
Benzene
Concen: 2.049 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion: 78 Resp: 675456
Ion Ratio Lower Upper
78 100
77 20.7 18.1 27.1
50 17.4 16.8 25.2



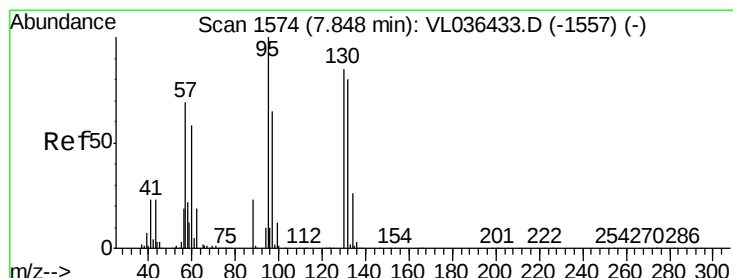
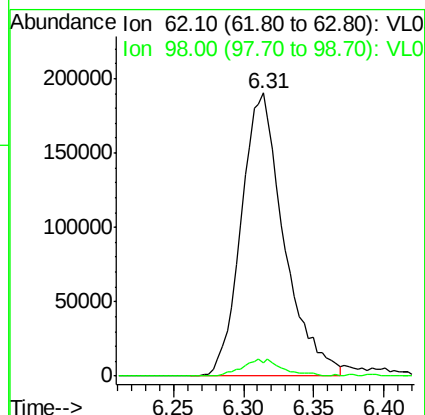
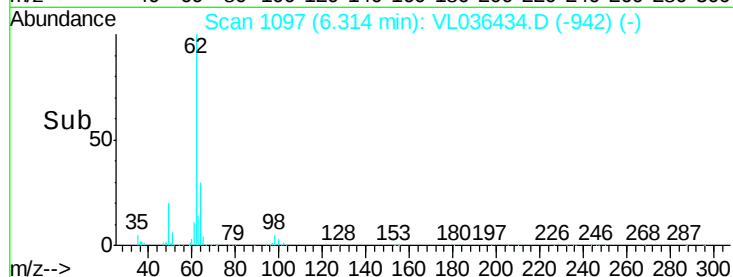
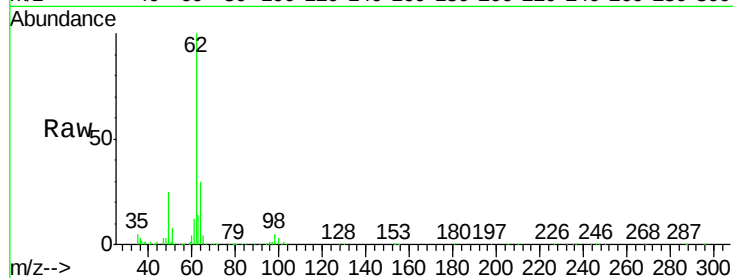


#37
 1,2-Dichloroethane
 Concen: 1.985 ppbv
 RT: 6.31
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC002
 Acq: 3 Mar 2021 10:14

Tot Ion:
 Ion Ratio
 62 100
 98 5.

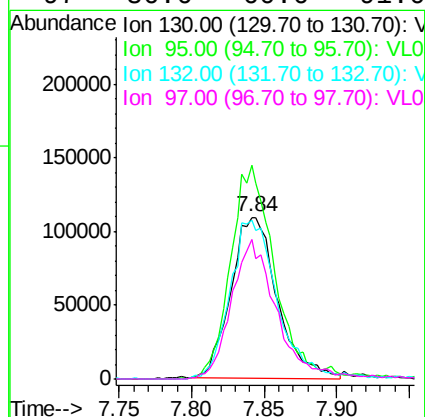
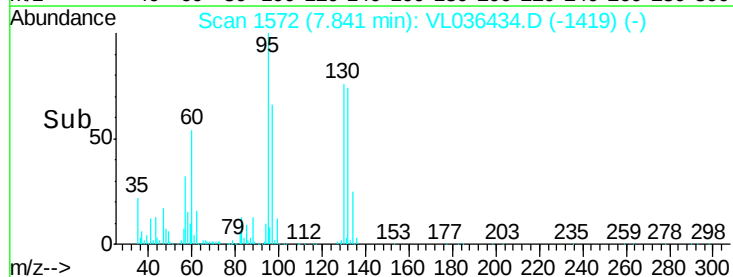
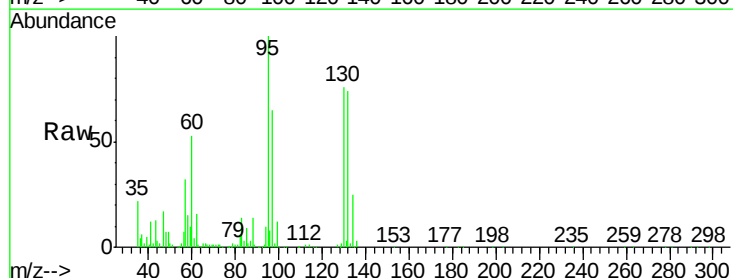
Manual Integrations
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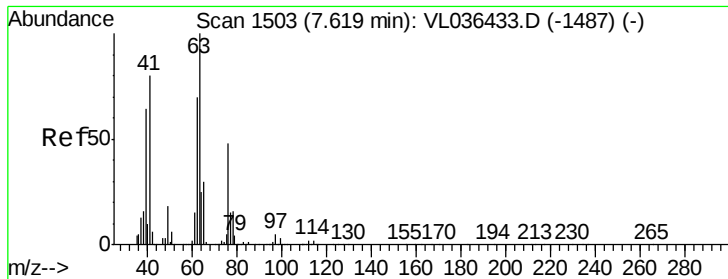
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#38
 Trichloroethene
 Concen: 2.054 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: VL036434.D
 Acq: 3 Mar 2021 10:14

Tgt Ion:130 Resp: 242546
 Ion Ratio Lower Upper
 130 100
 95 132.4 93.8 140.8
 132 98.4 74.6 112.0
 97 86.6 60.6 91.0



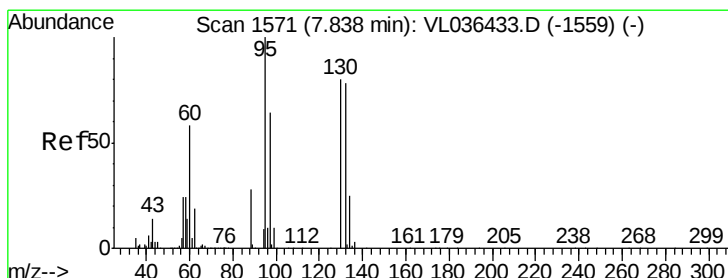
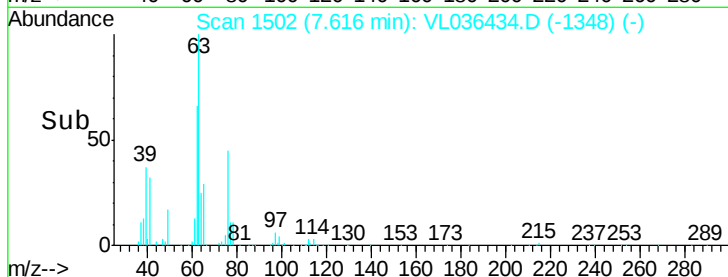
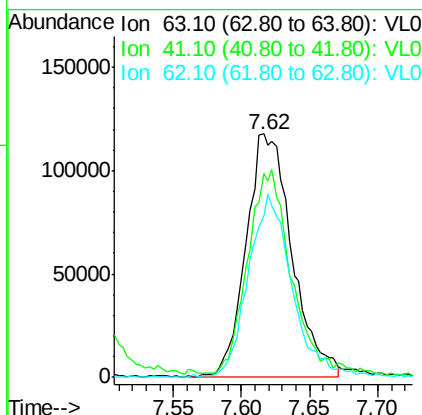
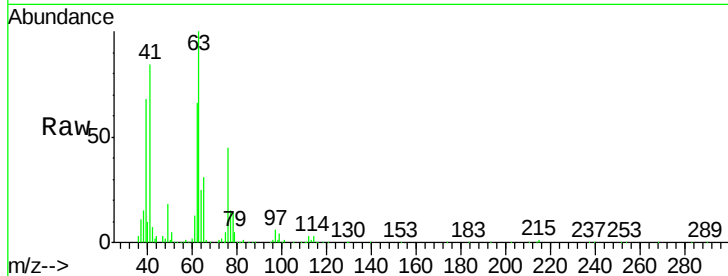


#39
 1,2-Dichloropropane
 Concen: 2.061 ppbv m
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 3 Mar 2021 10:14

Tot Ion:
 Ion Ratio
 63 100
 41 83.
 62 66.

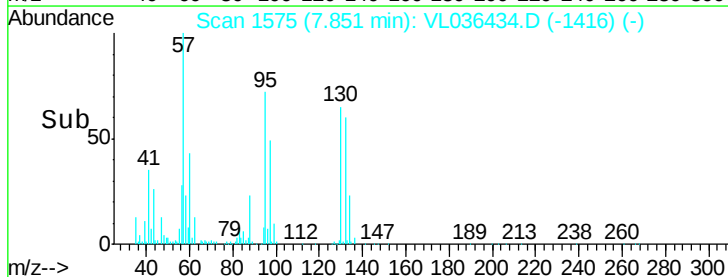
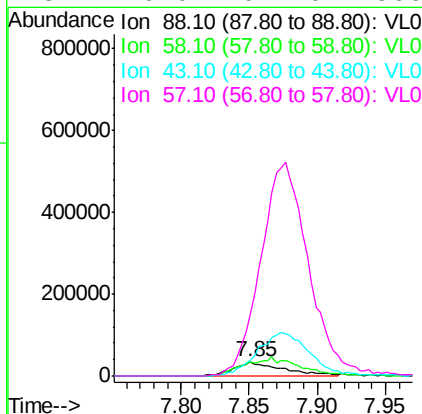
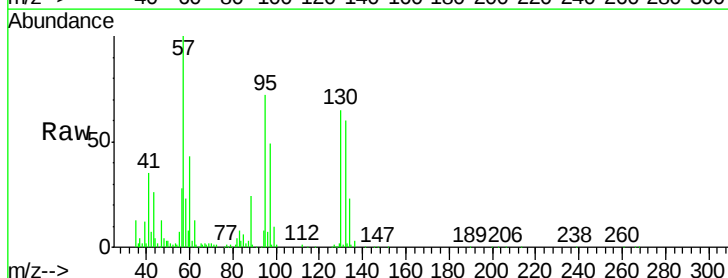
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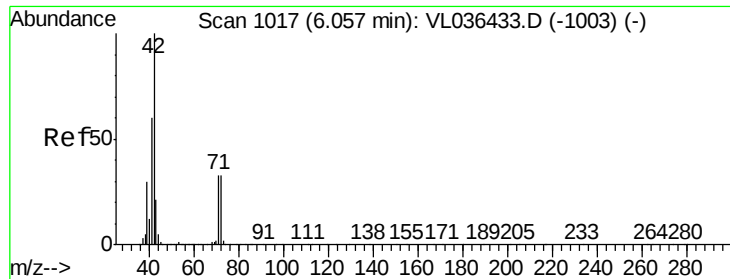
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#40
 1,4-Dioxane
 Concen: 1.844 ppbv m
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: VL036434.D
 Acq: 3 Mar 2021 10:14

Tgt Ion: 88 Resp: 85527
 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: 2.080 ppbv m

RT: 6.07 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:14 VSTDIC002

Tot Ion:

Ion Ratio

42 100

72 35.

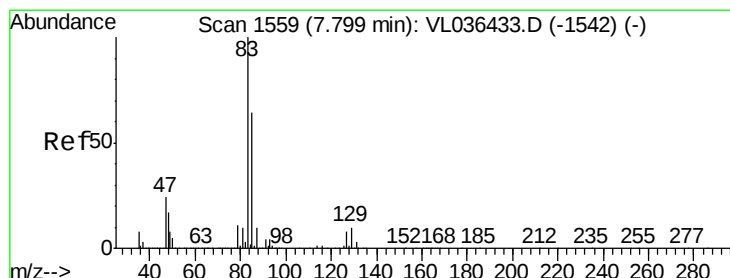
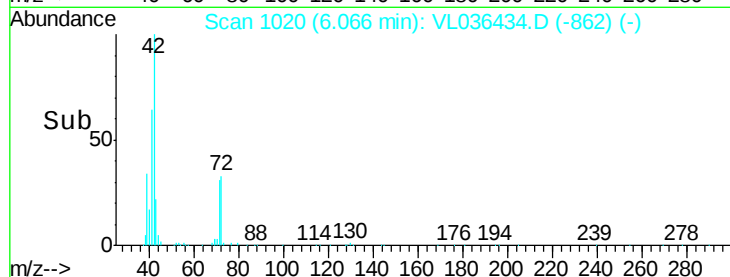
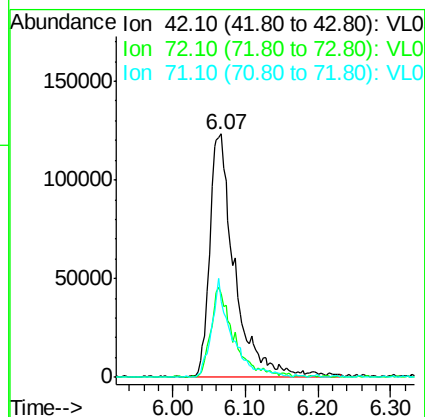
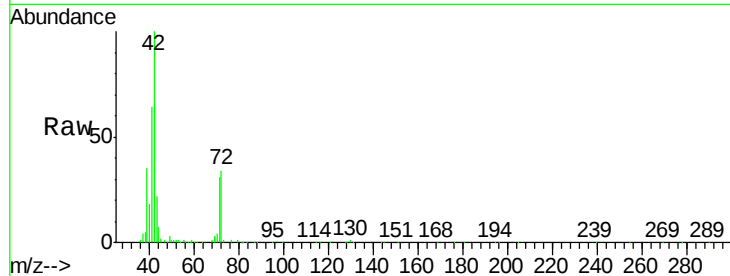
71 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#42

Bromodichloromethane

Concen: 2.034 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VL036434.D

Acq: 3 Mar 2021 10:14

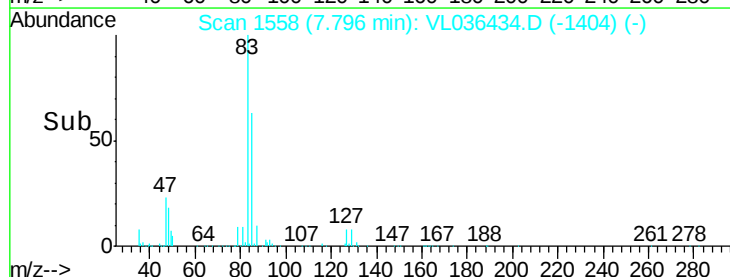
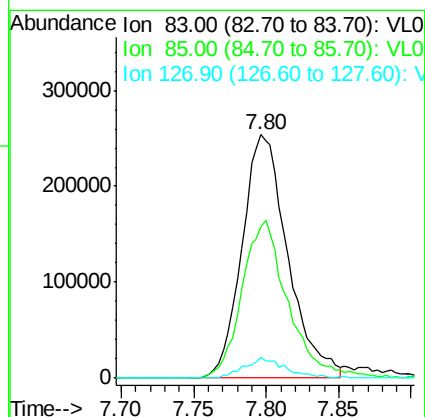
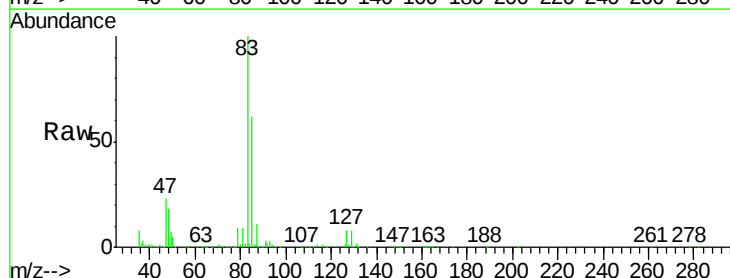
Tgt Ion: 83 Resp: 555177

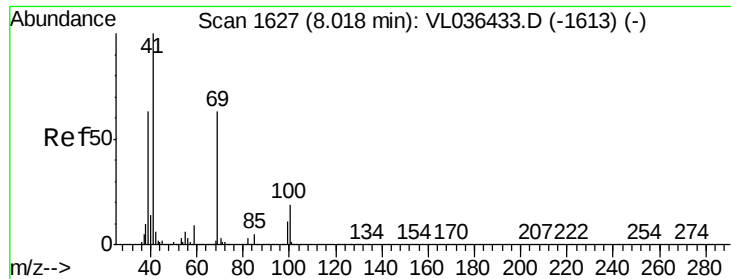
Ion Ratio Lower Upper

83 100

85 62.5 51.2 76.8

127 8.4 6.0 9.0



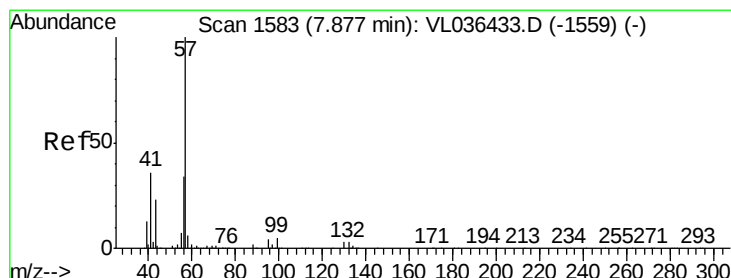
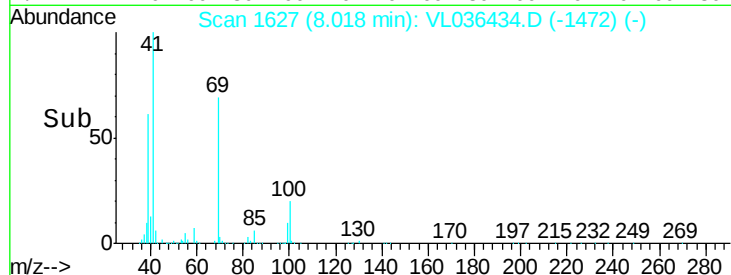
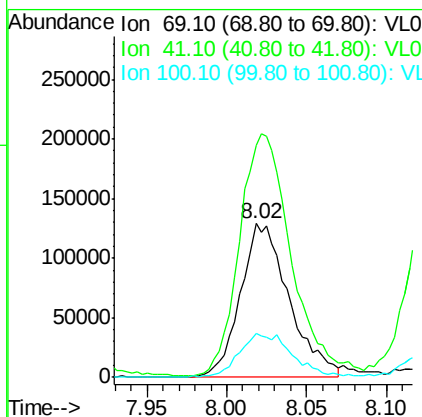
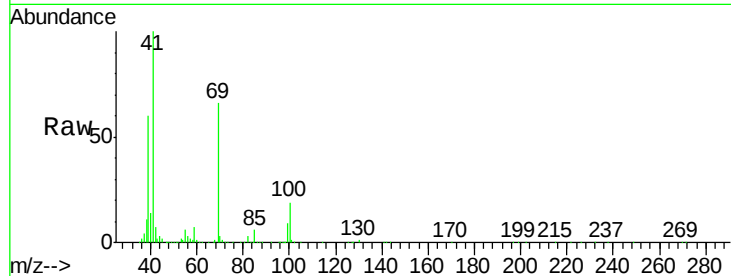


#43
Methvl Methacrvlate
Concen: 1.932 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 10:14

Tot Ion:
Ion Ratio
69 100
41 169.
100 31.

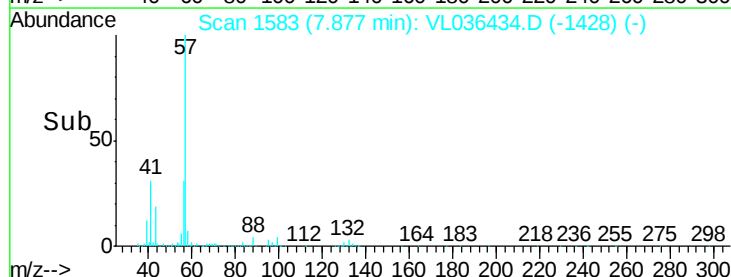
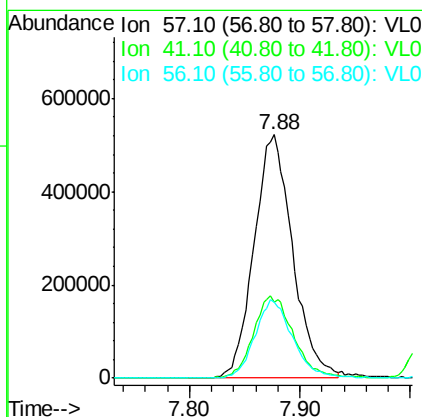
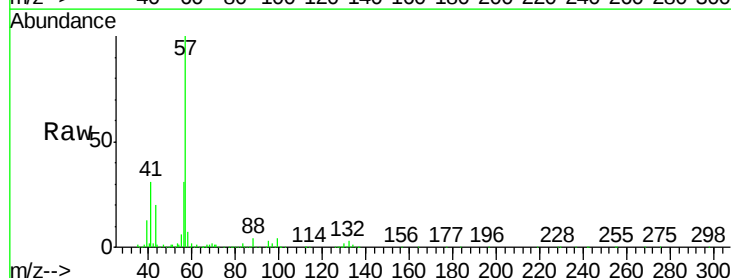
Manual Integrations
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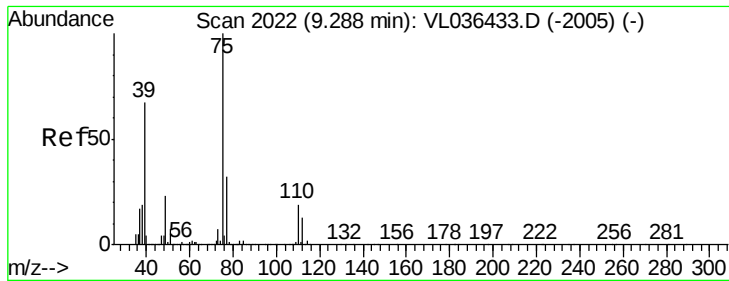
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#44
2,2,4-Trimethylpentane
Concen: 2.113 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion: 57 Resp: 1266471
Ion Ratio Lower Upper
57 100
41 35.1 28.2 42.2
56 31.7 25.9 38.9



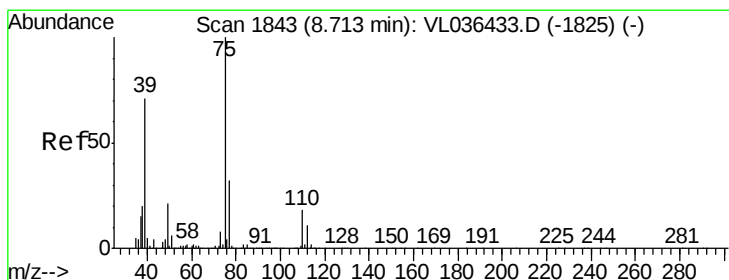
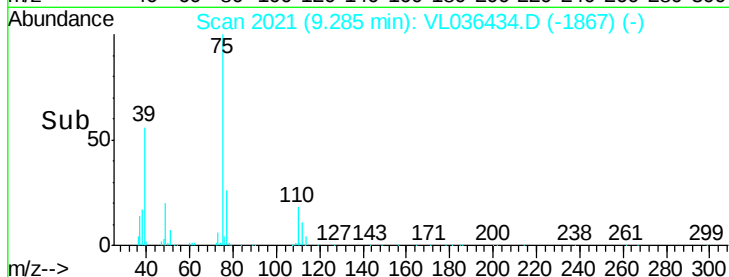
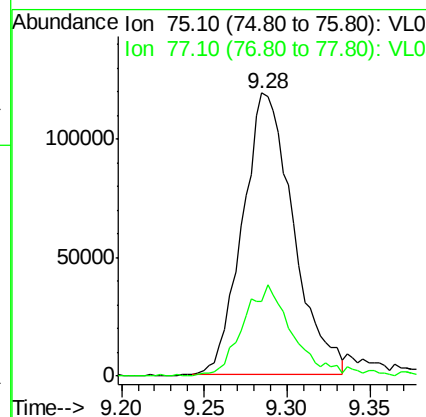
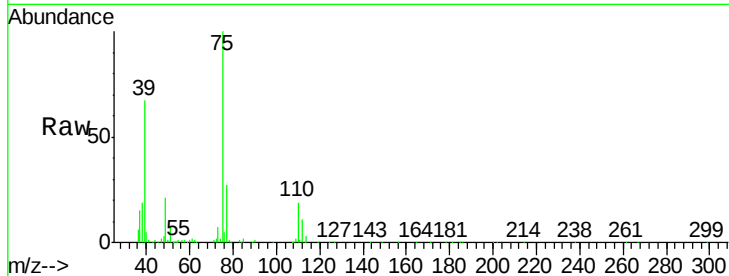


#45
t-1,3-Dichloropropene
Concen: 1.891 ppbv
RT: 9.28
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDIC002
Acq: 3 Mar 2021 10:14

Tot Ion:
Ion Ratio
75 100
77 26.

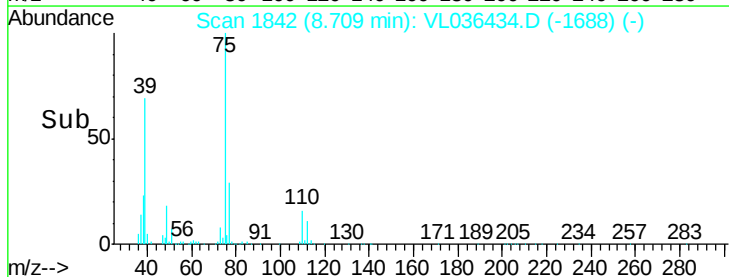
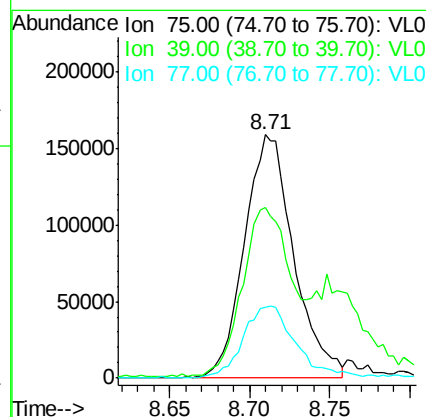
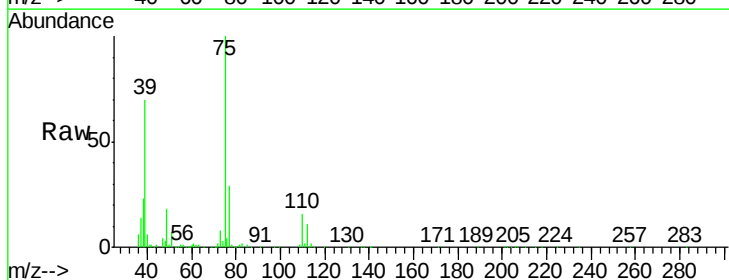
Manual Integrations
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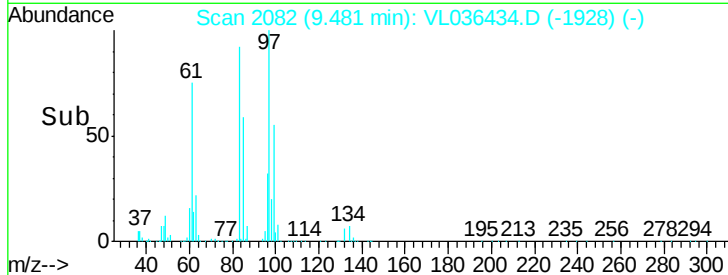
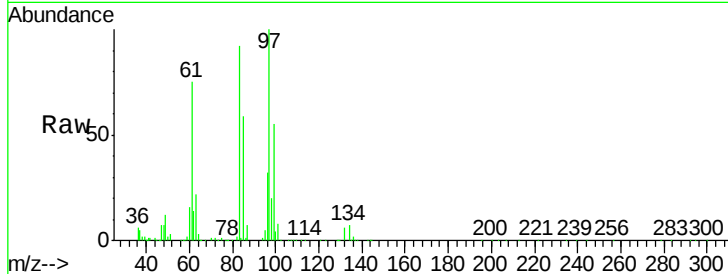
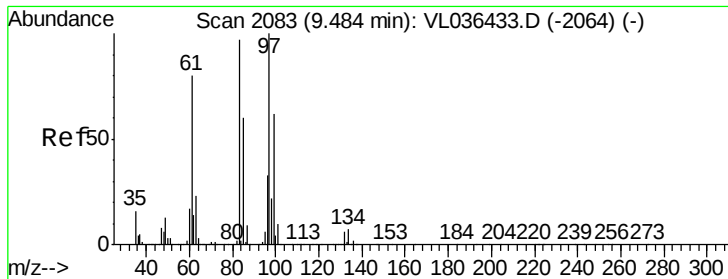
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#46
cis-1,3-Dichloropropene
Concen: 1.970 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion: 75 Resp: 335653
Ion Ratio Lower Upper
75 100
39 68.8 57.1 85.7
77 29.3 25.3 37.9



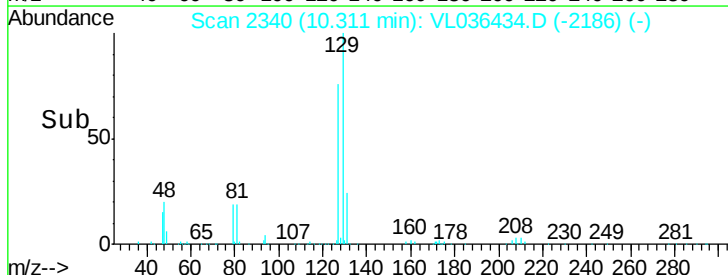
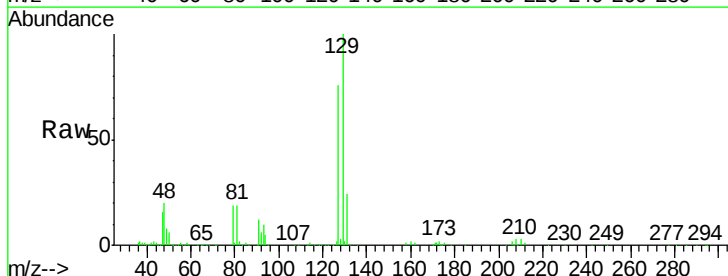
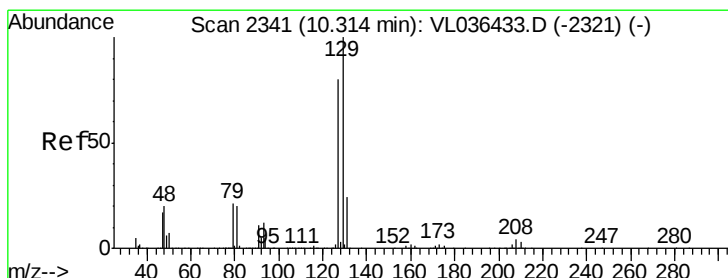
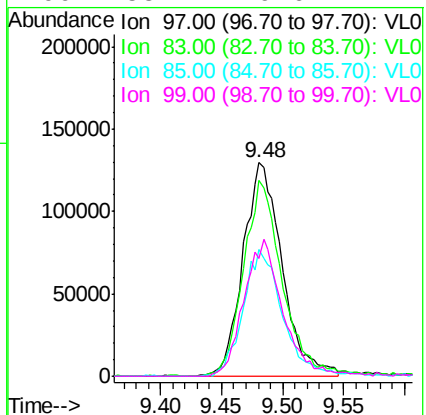


#47
1,1,2-Trichloroethane
Concen: 2.084 ppbv
RT: 9.48
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 10:14

Tot Ion:
Ion Ratio
97 100
83 91.
85 58.
99 55.4 49.6 74.4

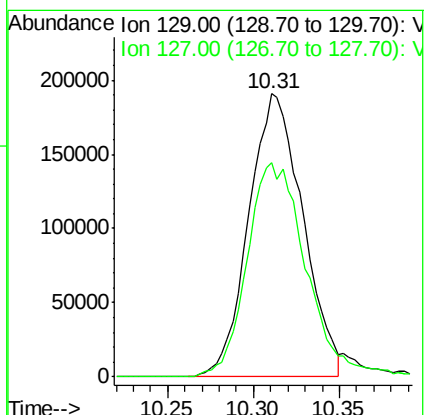
Manual Integrations
APPROVED

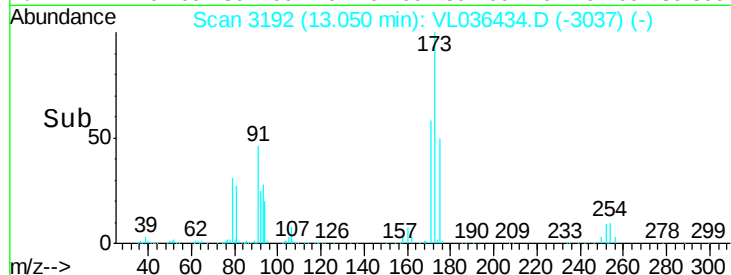
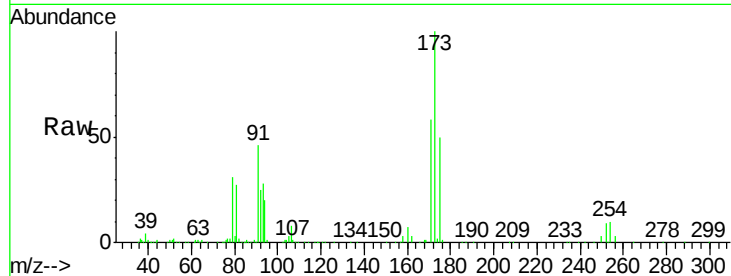
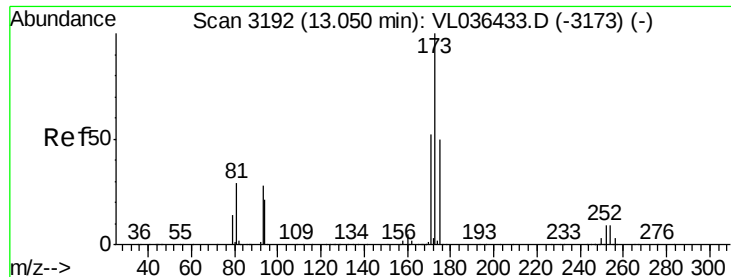
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#48
Dibromochloromethane
Concen: 2.025 ppbv
RT: 10.31 min Scan# 2340
Delta R.T. -0.00 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion:129 Resp: 414079
Ion Ratio Lower Upper
129 100
127 84.2 39.4 118.1





#49

Bromoform

Concen: 2.110 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 10:14 VSTDIC002

Tot Ion:1

Ion Rati

173 100

175 51.

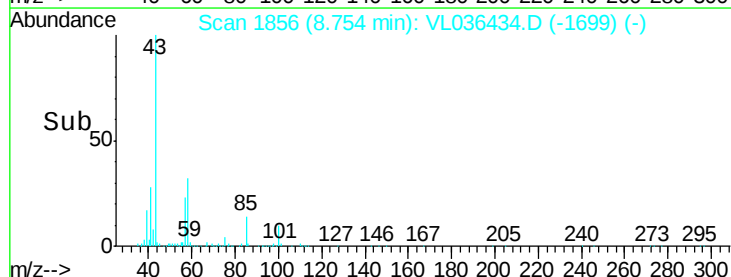
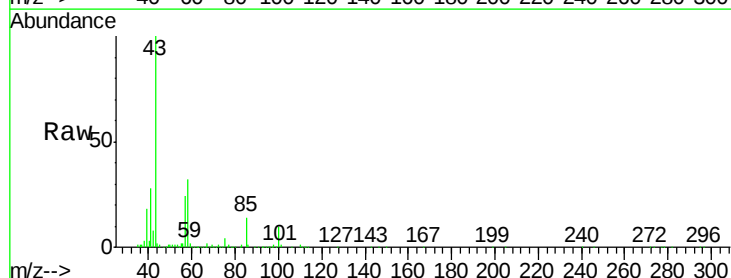
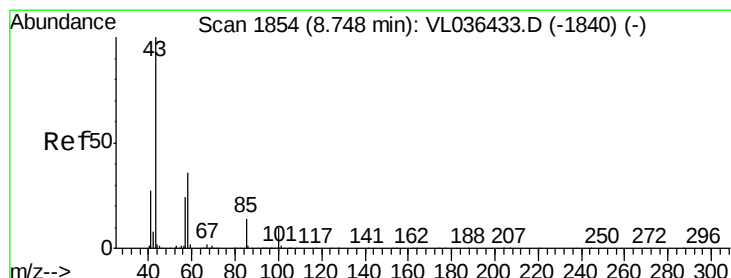
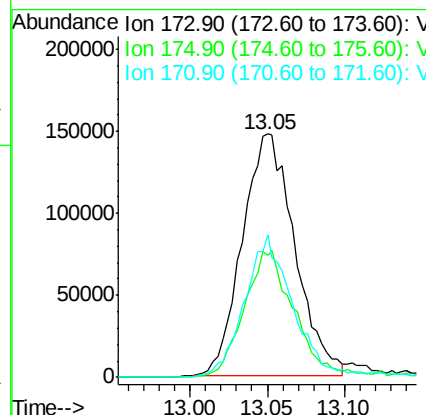
171 54.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#50

4-Methyl-2-Pentanone

Concen: 2.006 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VL036434.D

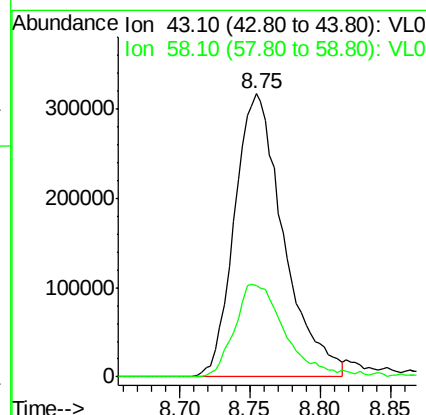
Acq: 3 Mar 2021 10:14

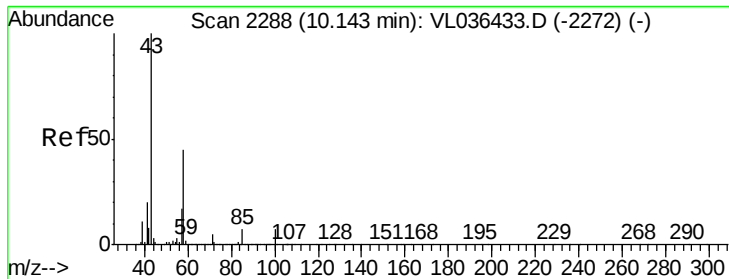
Tgt Ion: 43 Resp: 767641

Ion Ratio Lower Upper

43 100

58 34.8 27.8 41.8



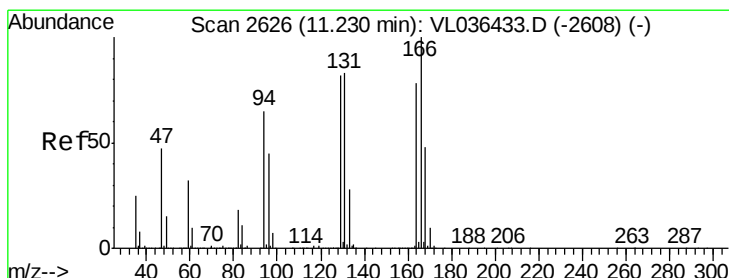
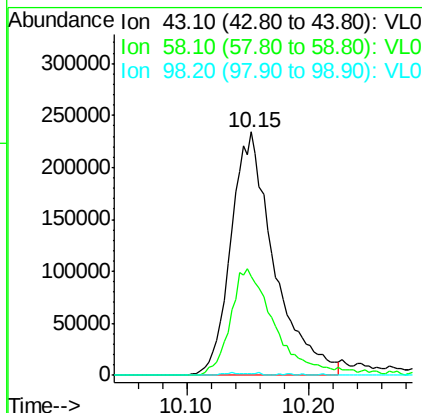
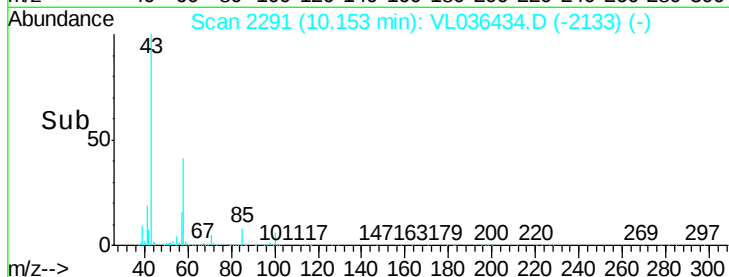
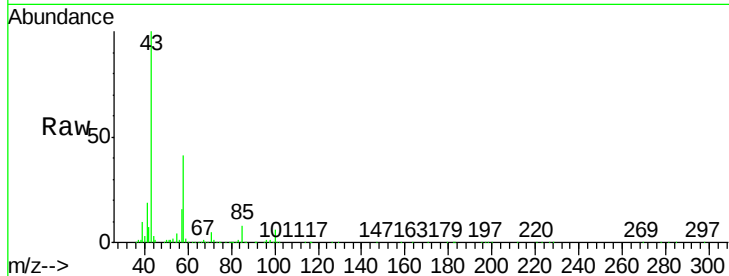


#51
2-Hexanone
Concen: 1.966 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 3 Mar 2021 10:14

Tot Ion:
Ion Ratio
43 100
58 46.
98 1.

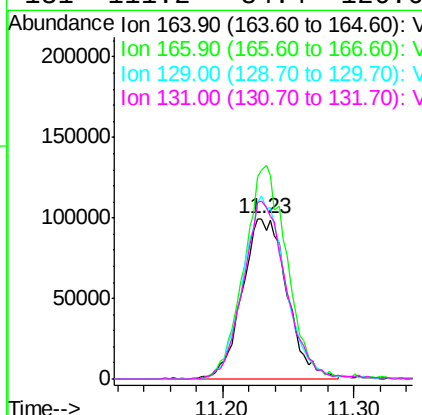
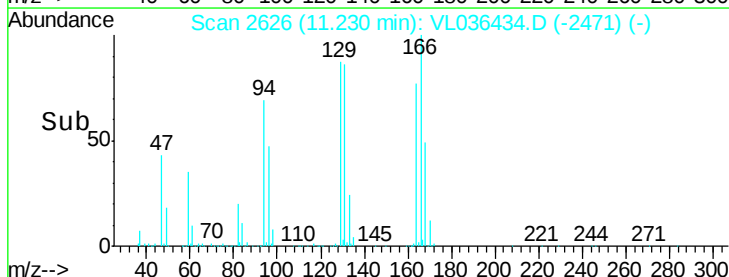
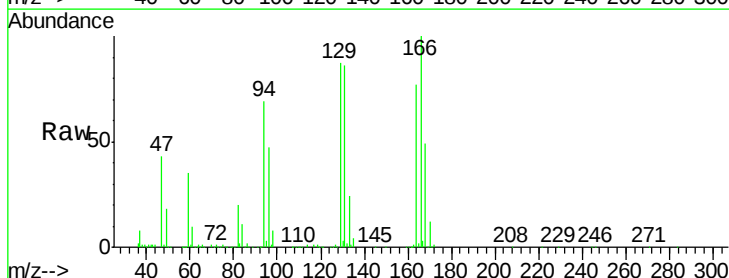
Manual Integrations
APPROVED

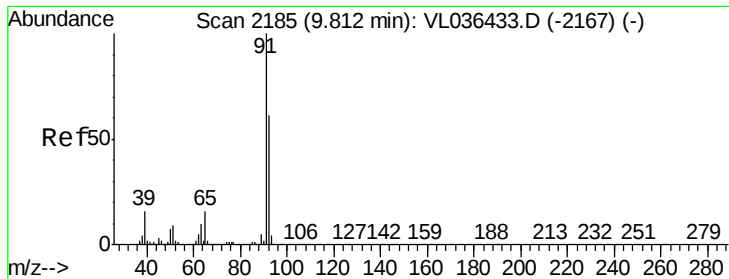
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#52
Tetrachloroethene
Concen: 1.953 ppbv m
RT: 11.23 min Scan# 2626
Delta R.T. -0.00 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion:164 Resp: 235628
Ion Ratio Lower Upper
164 100
166 130.1 102.0 153.0
129 113.7 83.3 124.9
131 111.2 84.4 126.6





#53

Toluene

Concen: 2.089 ppbv

RT: 9.82 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 3 Mar 2021 10:14 VSTDIC002

Tot Ion:

Ion Ratio

91 100

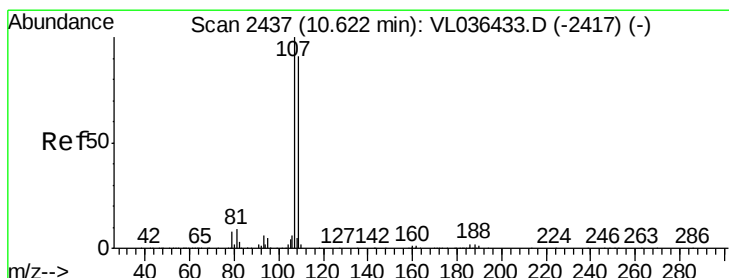
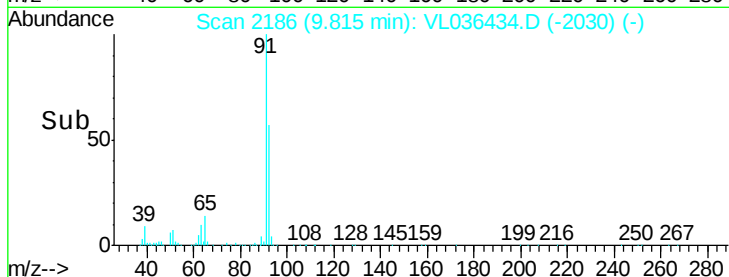
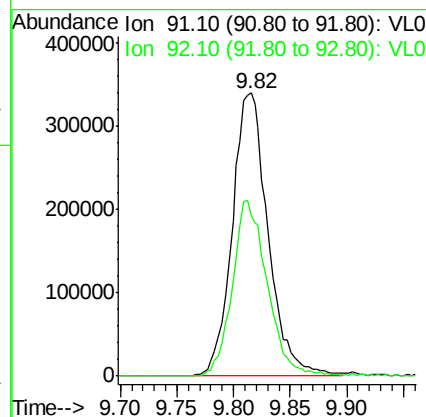
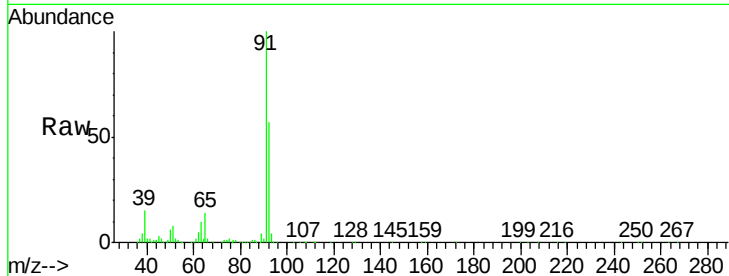
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#54

1,2-Dibromoethane

Concen: 2.060 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. -0.01 min

Lab File: VL036434.D

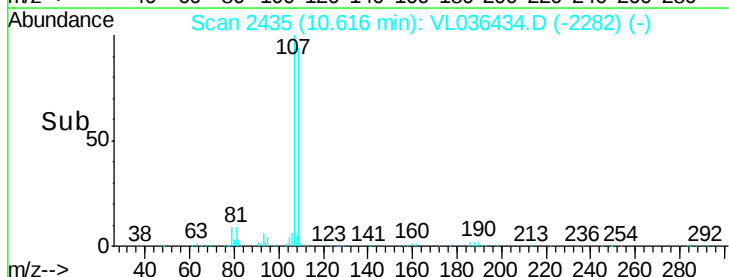
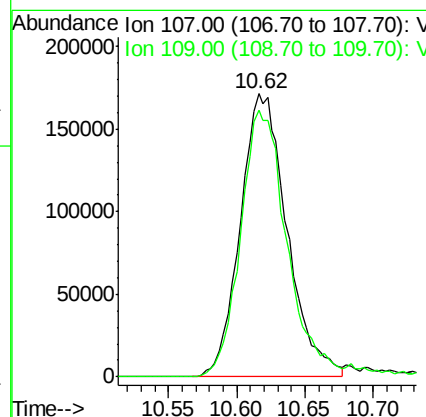
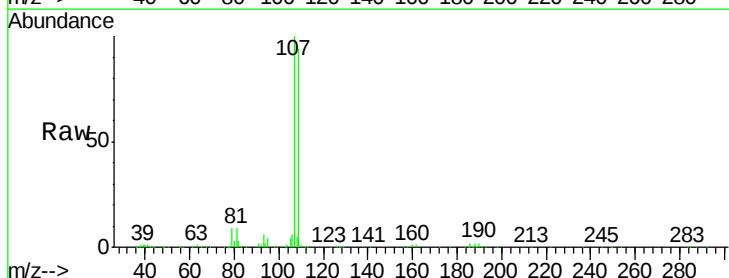
Acq: 3 Mar 2021 10:14

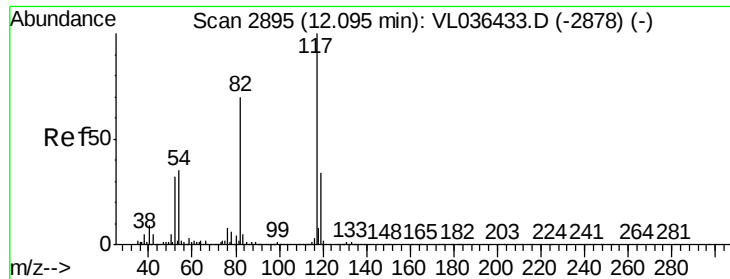
Tgt Ion:107 Resp: 407898

Ion Ratio Lower Upper

107 100

109 93.8 73.0 109.6



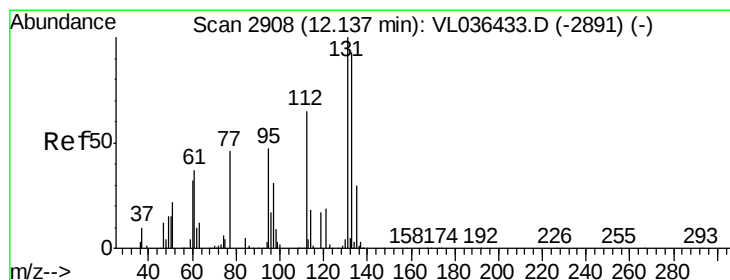
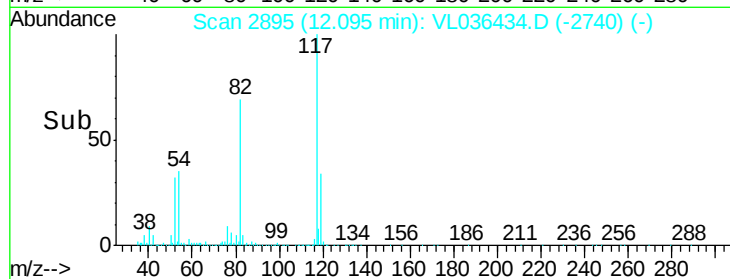
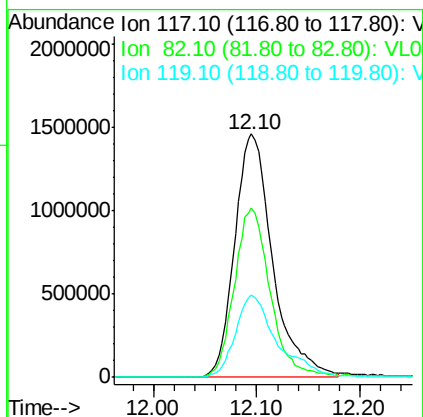
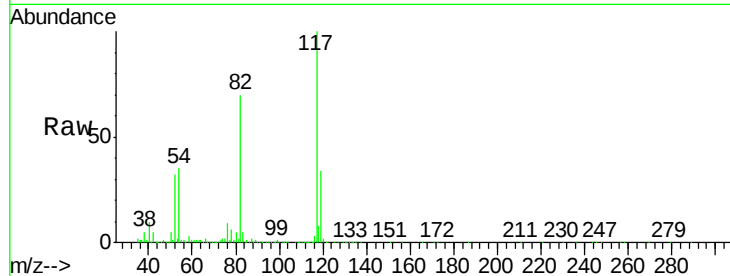


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 10:14

Tot Ion: 1
Ion Ratio
117 100
82 67.
119 37.

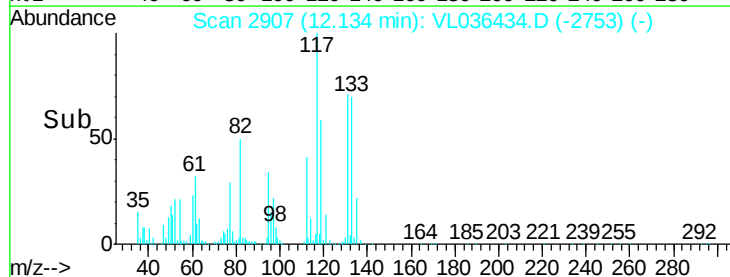
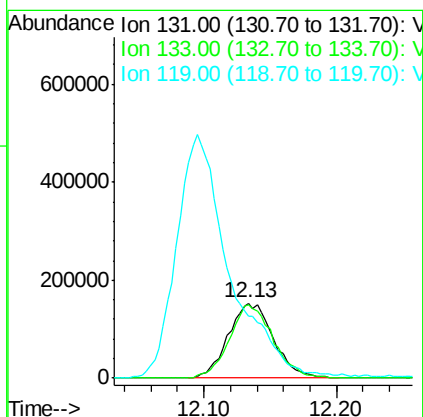
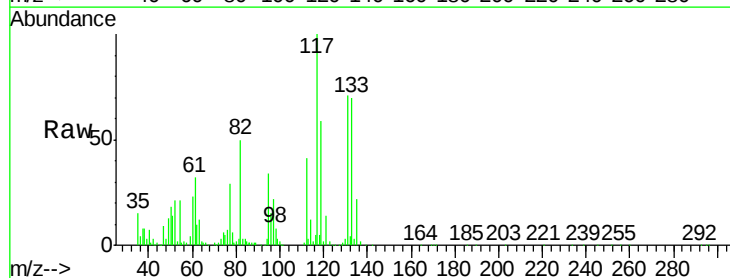
Manual Integrations
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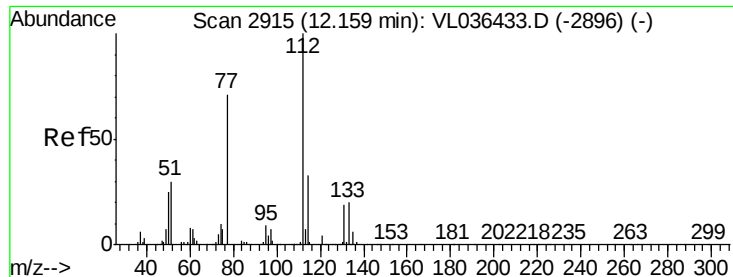
Reviewed By : Semsettin Yesilyurt 03/04/2021
Supervised By : Mahesh Dadoda 03/04/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 2.075 ppbv
RT: 12.13 min Scan# 2907
Delta R.T.: -0.00 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion: 131 Resp: 358063
Ion Ratio Lower Upper
131 100
133 96.6 76.4 114.6
119 392.6 112.8 169.2#



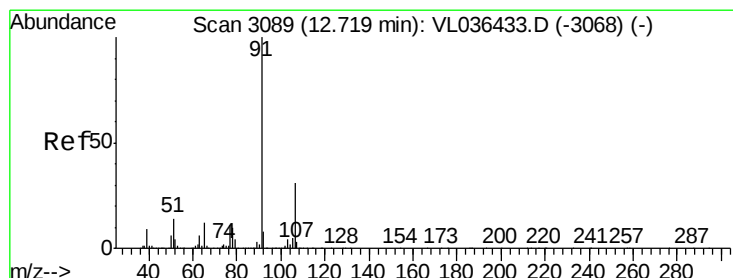
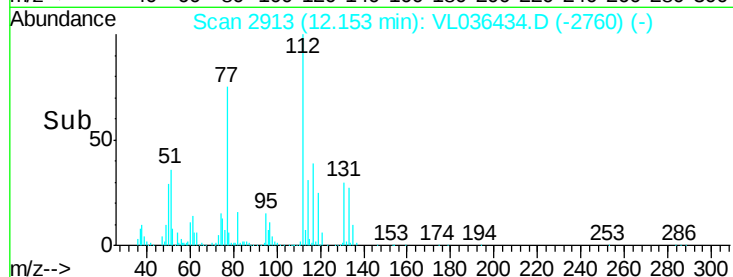
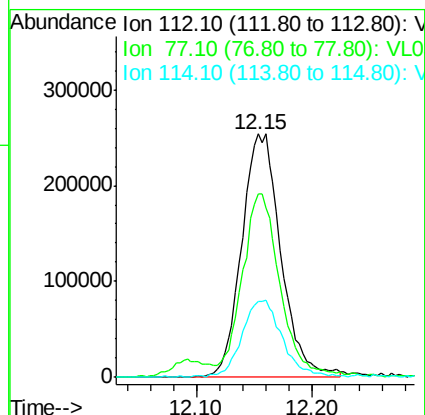
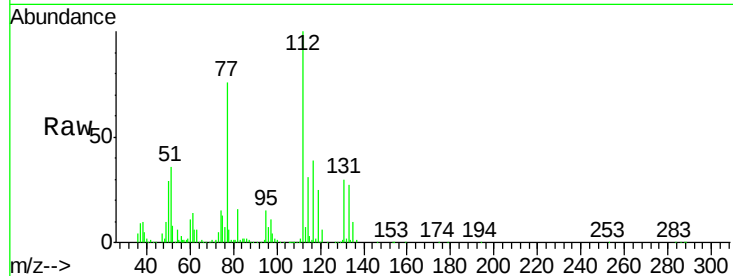


#57
Chlorobenzene
Concen: 2.059 ppbv m
RT: 12.15
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 10:14

Tot Ion: 1
Ion Ratio
112 100
77 75.
114 31.

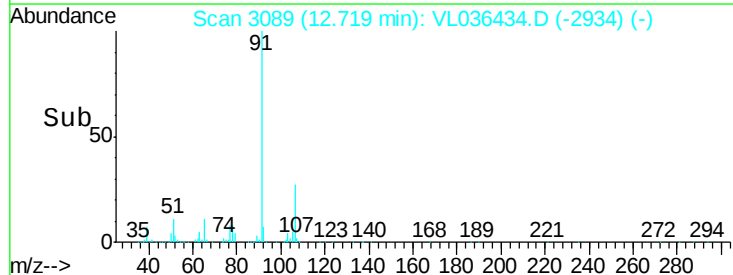
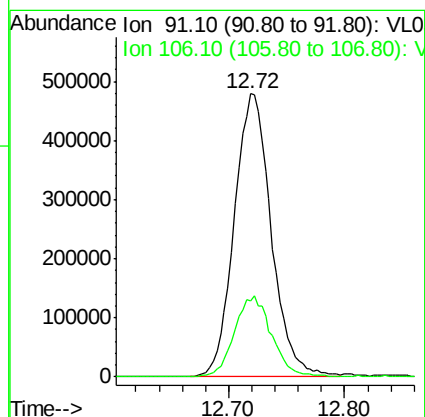
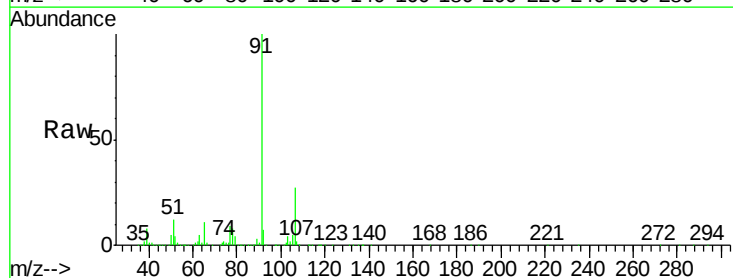
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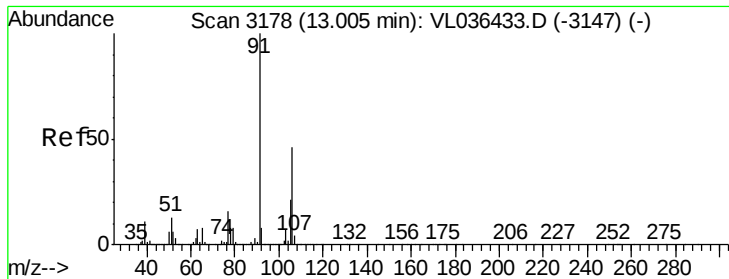
Reviewed By : Semsettin Yesilyurt 03/04/2021
Supervised By : Mahesh Dadoda 03/04/2021



#58
Ethyl Benzene
Concen: 2.058 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. -0.00 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion: 91 Resp: 1057575
Ion Ratio Lower Upper
91 100
106 26.9 24.8 37.2



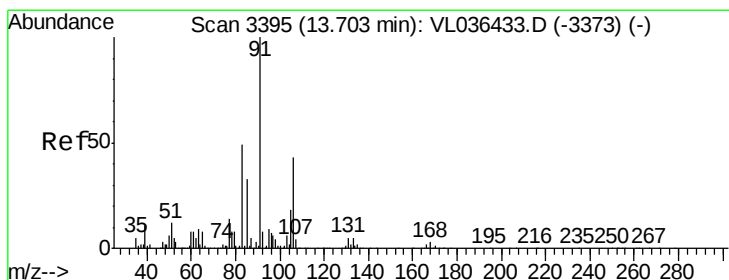
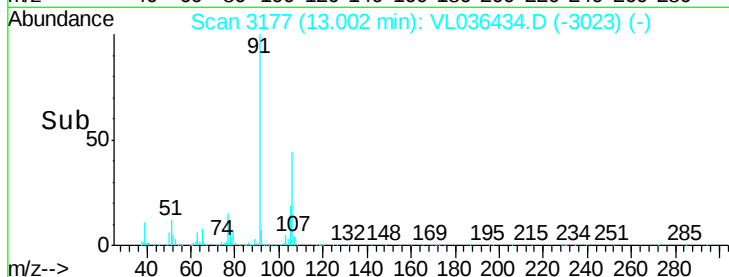
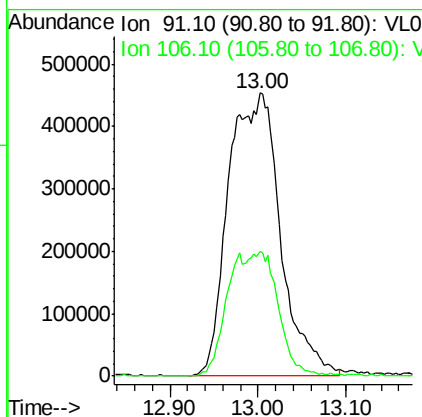
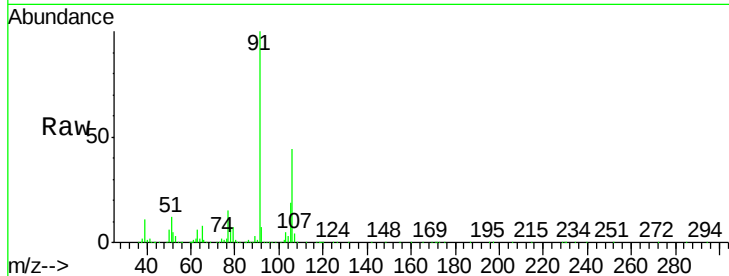


#59
m/p-Xylene
Concen: 4.124 ppbv m
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 3 Mar 2021 10:14 VSTDIC002

Tot Ion:
Ion Ratio
91 100
106 42.

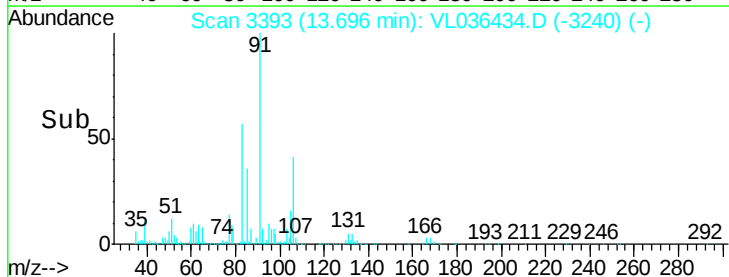
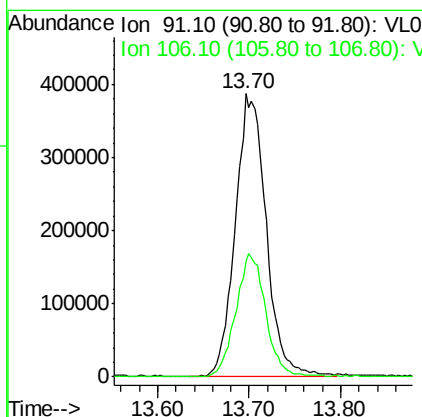
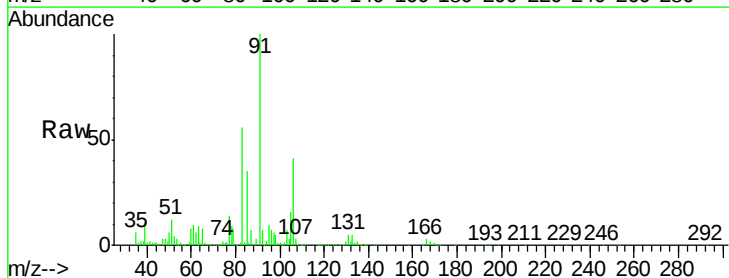
Manual Integrations
APPROVED

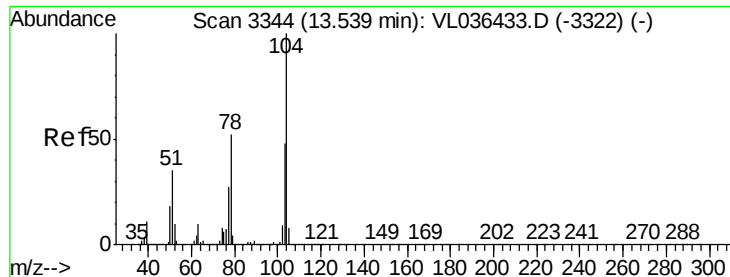
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#60
o-Xylene
Concen: 2.118 ppbv m
RT: 13.70 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion: 91 Resp: 913962
Ion Ratio Lower Upper
91 100
106 42.4 21.9 65.8



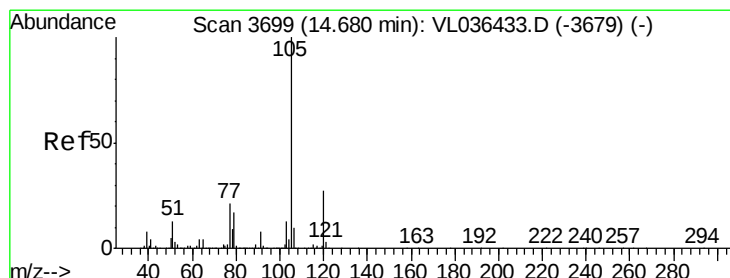
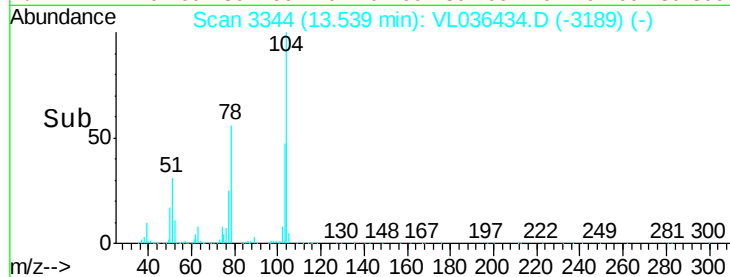
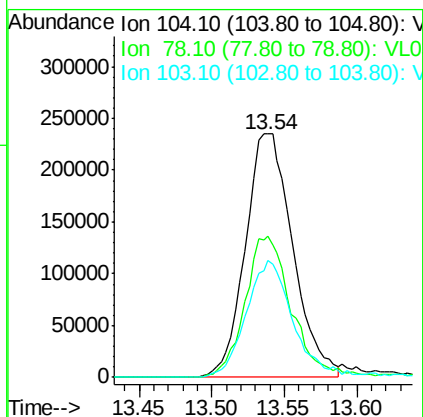
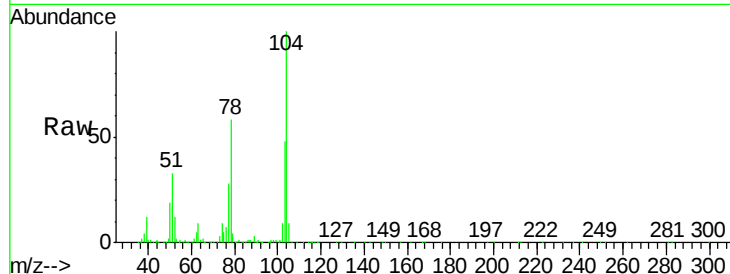


#61
Stvrene
Concen: 2.008 ppbv
RT: 13.54
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 3 Mar 2021 10:14

Tot Ion:1
Ion Ratio
104 100
78 57.
103 48.

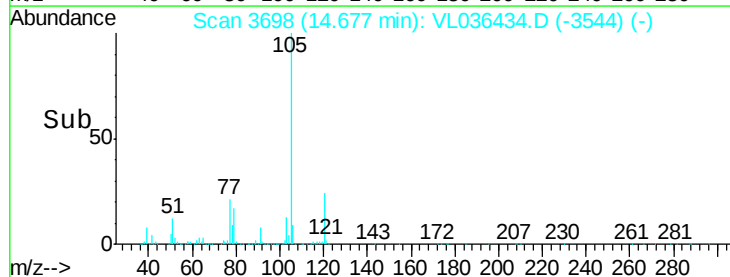
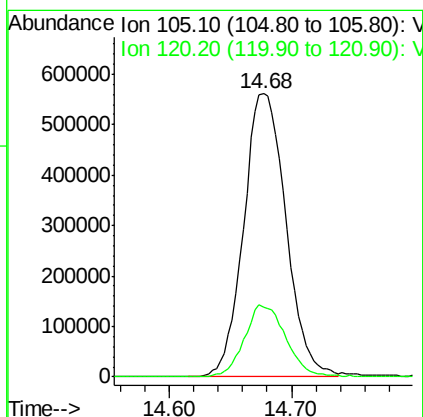
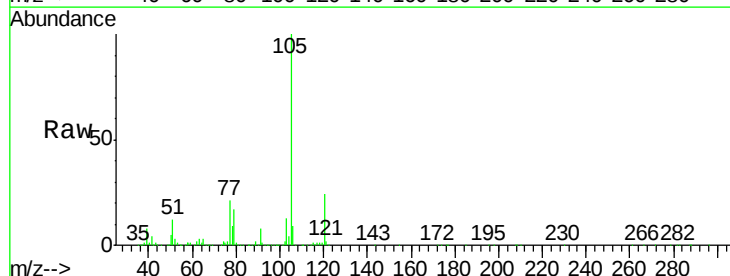
Manual Integrations
APPROVED

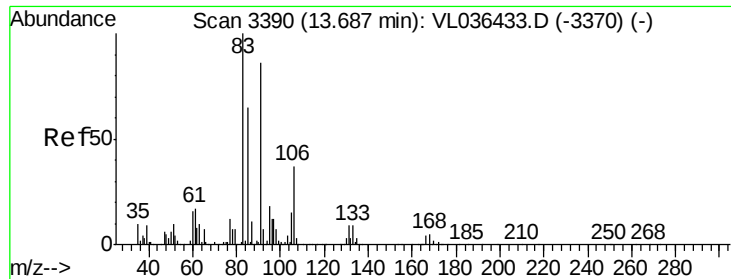
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#62
Isopropylbenzene
Concen: 2.078 ppbv
RT: 14.68 min Scan# 3698
Delta R.T. -0.00 min
Lab File: VL036434.D
Acq: 3 Mar 2021 10:14

Tgt Ion:105 Resp: 1344035
Ion Ratio Lower Upper
105 100
120 25.1 20.9 31.3



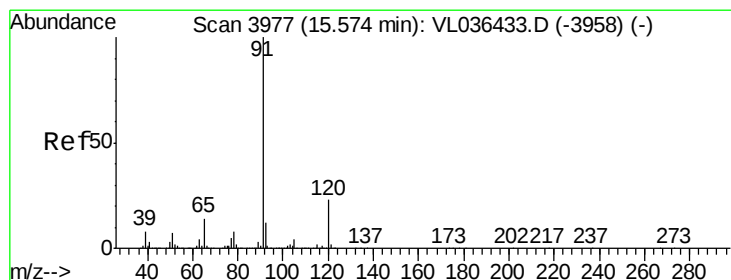
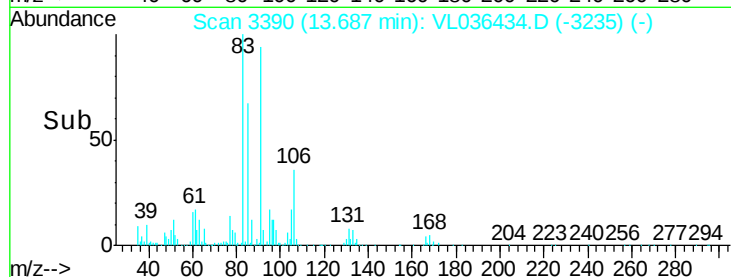
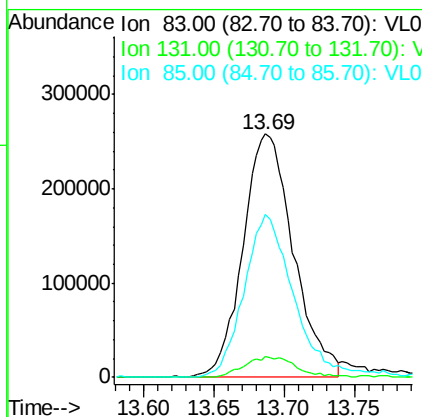
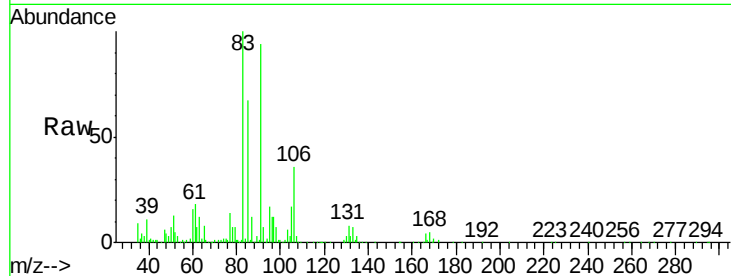


#63
 1,1,2,2-Tetrachloroethane
 Concen: 1.895 ppbv
 RT: 13.69 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 10:14 VSTDIC002

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 67.

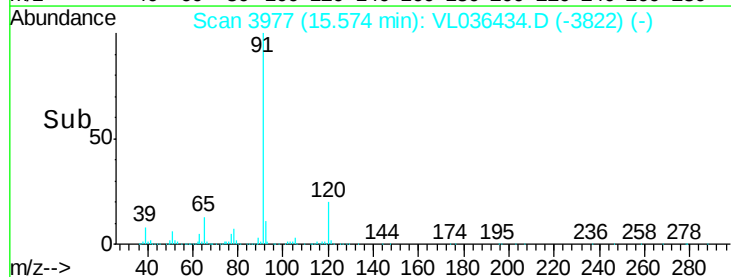
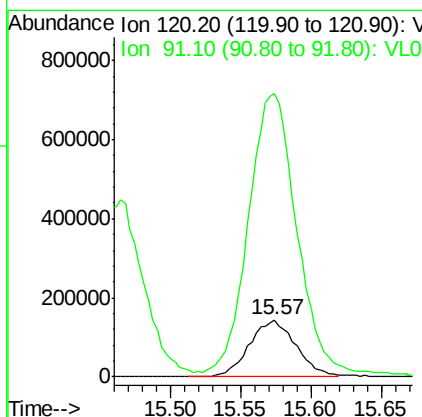
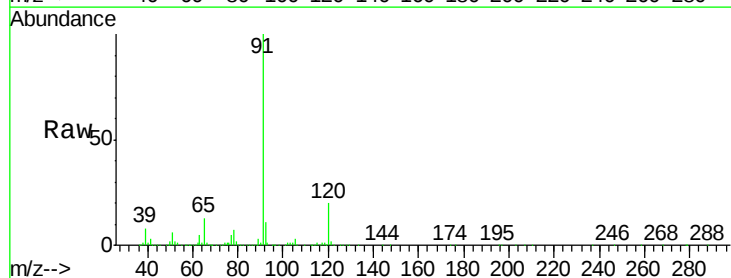
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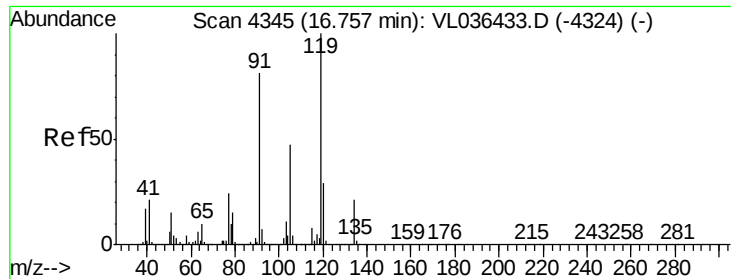
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#64
 n-propylbenzene
 Concen: 2.079 ppbv
 RT: 15.57 min Scan# 3977
 Delta R.T. -0.00 min
 Lab File: VL036434.D
 Acq: 3 Mar 2021 10:14

Tgt Ion:120 Resp: 331002
 Ion Ratio Lower Upper
 120 100
 91 526.6 378.6 567.8





#65

tert-Butylbenzene

Concen: 2.182 ppbv

RT: 16.75

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 10:14

Tot Ion:1

Ion Rati

119 100

91 87.

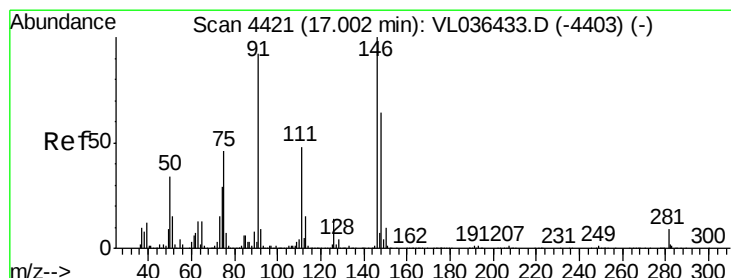
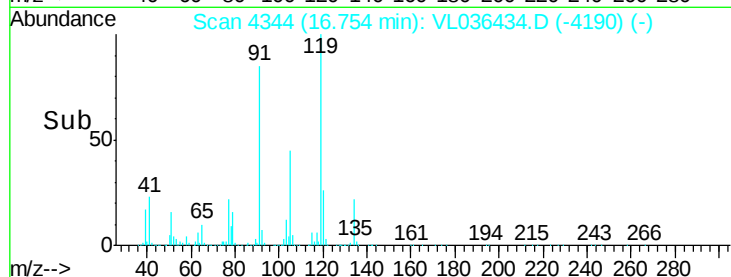
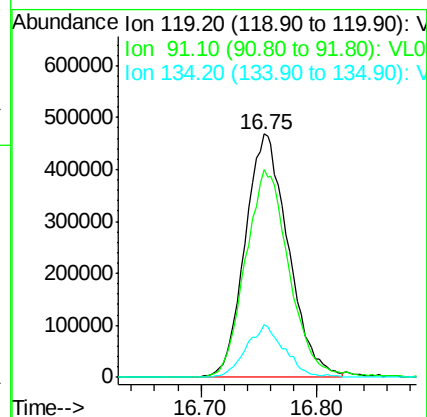
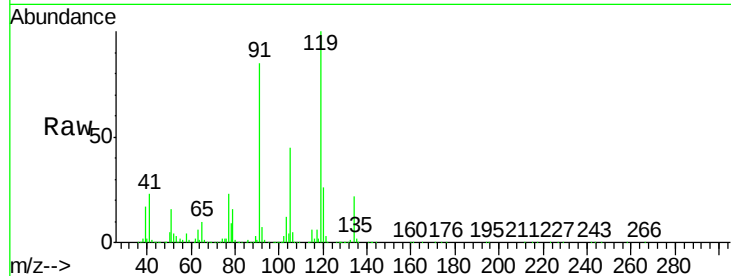
134 19.

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#66

Benzyl Chloride

Concen: 1.874 ppbv

RT: 17.00 min Scan# 4422

Delta R.T. 0.00 min

Lab File: VL036434.D

Acq: 3 Mar 2021 10:14

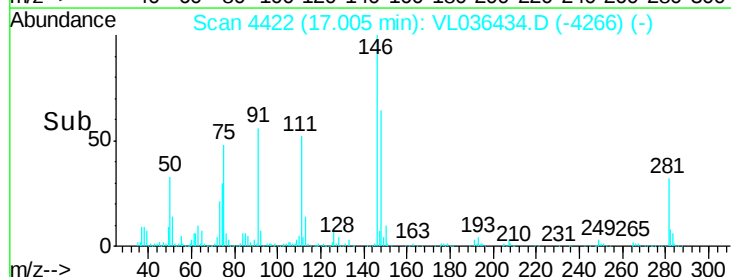
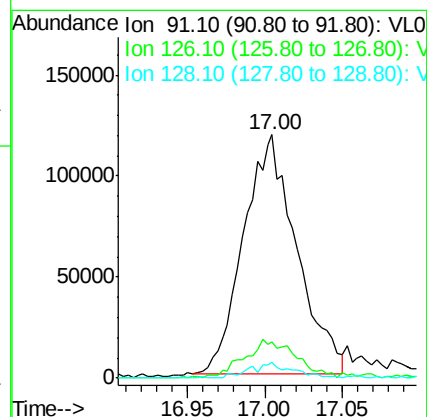
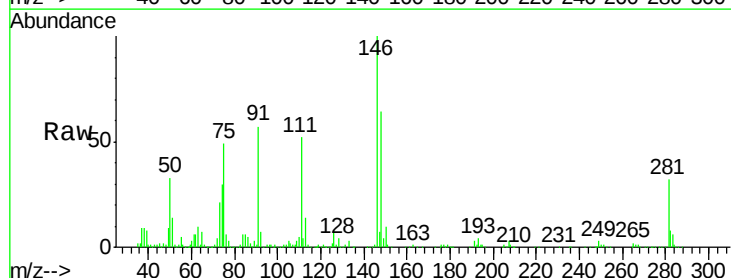
Tgt Ion: 91 Resp: 281885

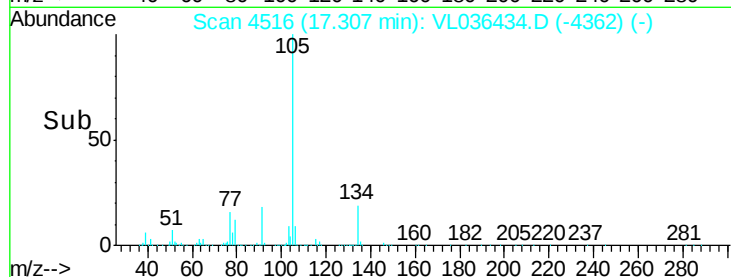
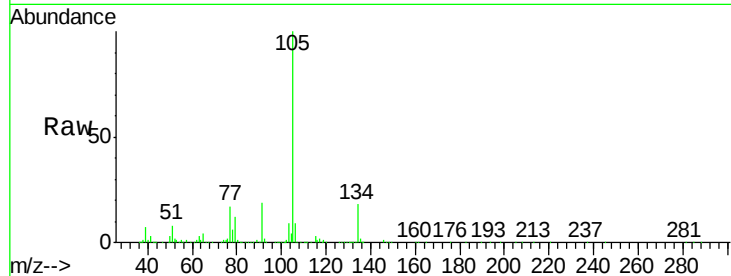
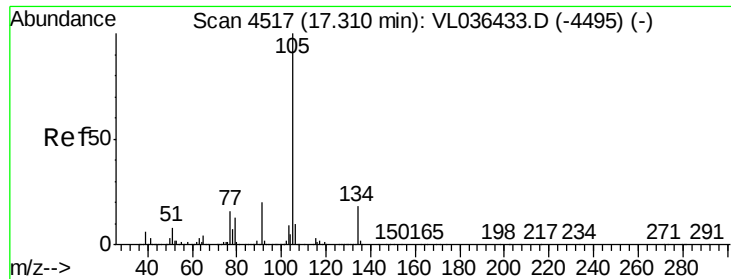
Ion Ratio Lower Upper

91 100

126 17.2 12.9 19.3

128 5.9 4.0 6.0



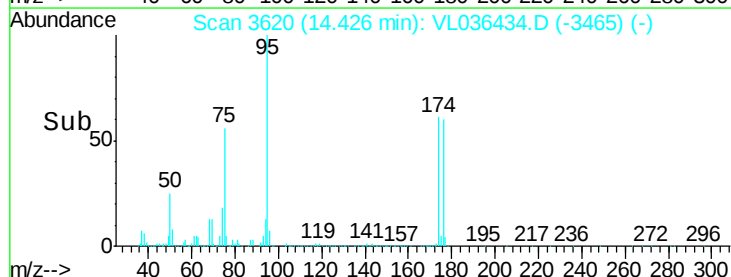
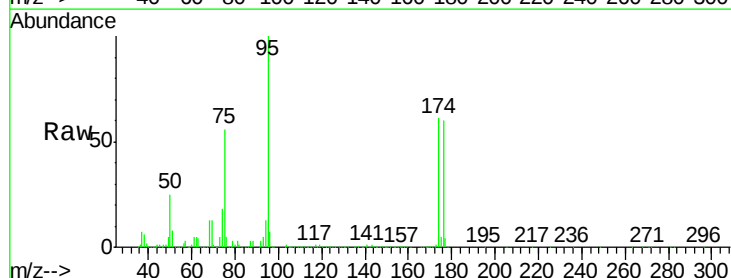
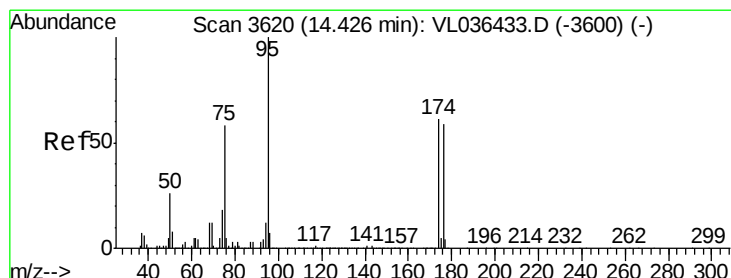
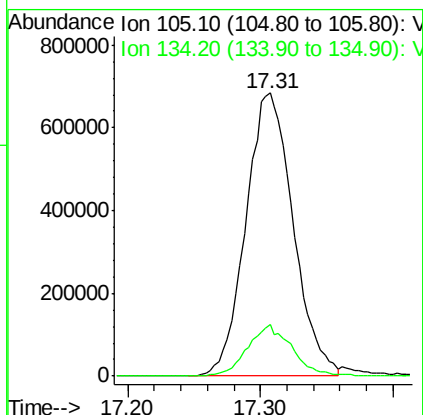


#67
 sec-Butylbenzene
 Concen: 2.124 ppbv
 RT: 17.31
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 3 Mar 2021 10:14

Tot Ion:1
 Ion Rati
 105 100
 134 17.

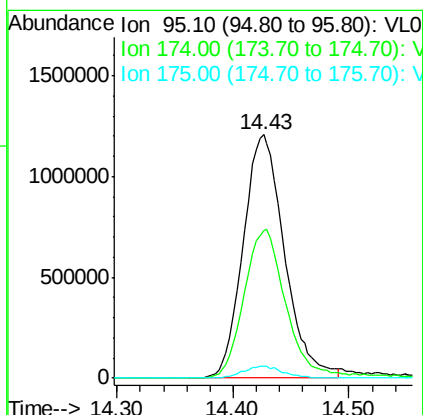
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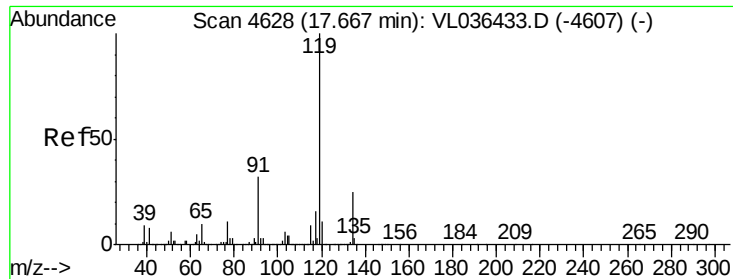
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.681 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. -0.00 min
 Lab File: VL036434.D
 Acq: 3 Mar 2021 10:14

Tgt Ion: 95 Resp: 2988603
 Ion Ratio Lower Upper
 95 100
 174 64.2 51.0 76.4
 175 4.7 3.8 5.6



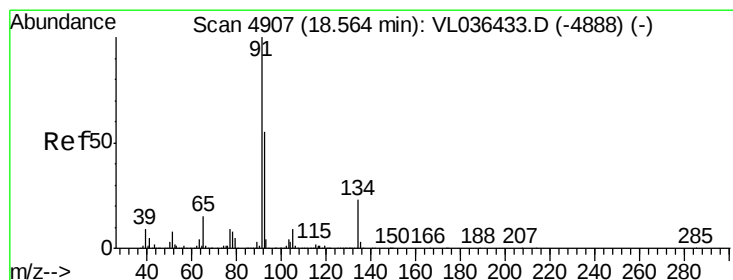
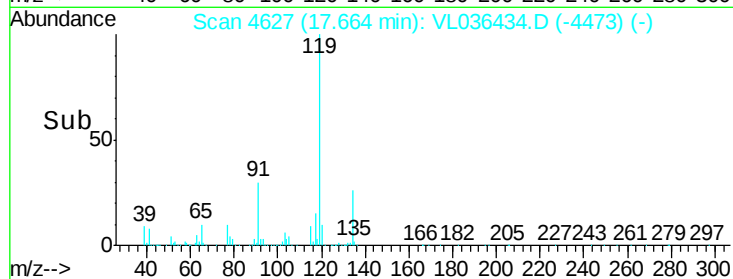
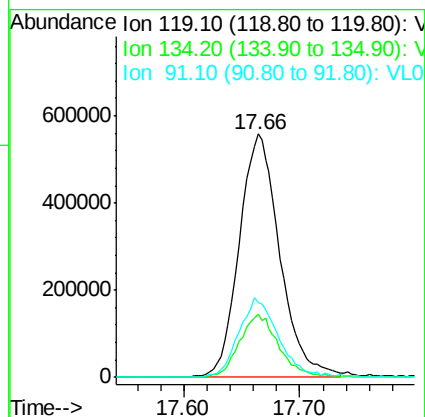
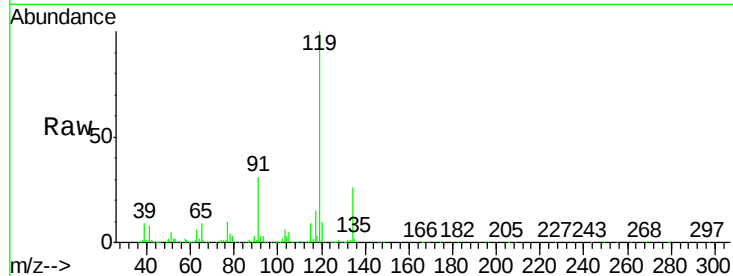


#69
 p-Isopropyltoluene
 Concen: 2.190 ppbv
 RT: 17.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 3 Mar 2021 10:14

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 32.

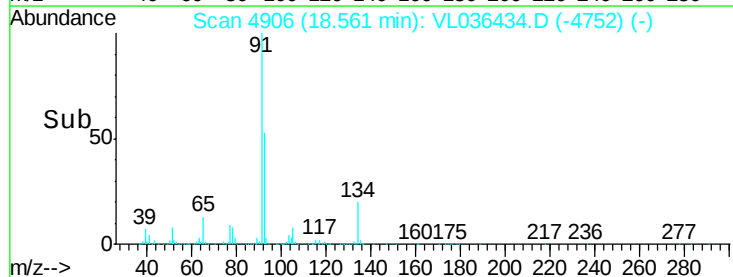
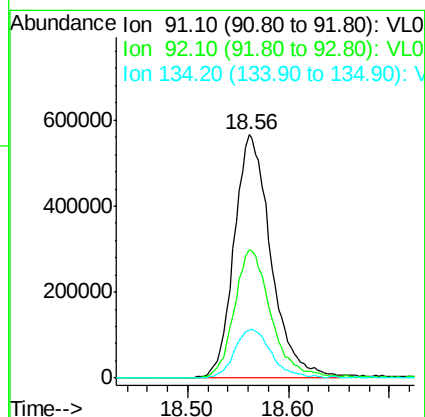
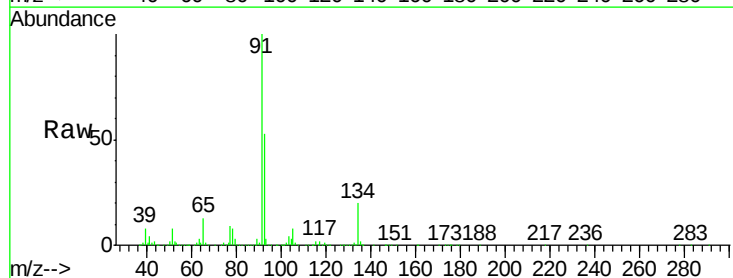
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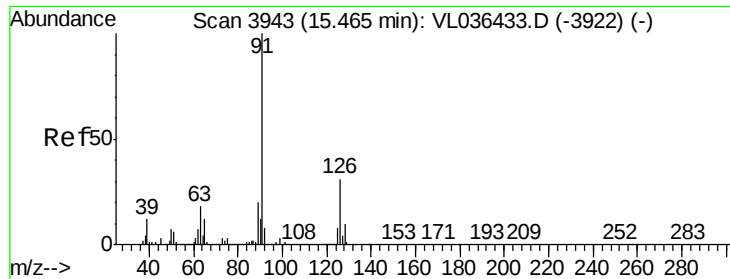
Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021



#70
 n-Butylbenzene
 Concen: 2.162 ppbv
 RT: 18.56 min Scan# 4906
 Delta R.T. -0.00 min
 Lab File: VL036434.D
 Acq: 3 Mar 2021 10:14

Tgt Ion: 91 Resp: 1430290
 Ion Ratio Lower Upper
 91 100
 92 53.0 44.1 66.1
 134 20.7 17.9 26.9



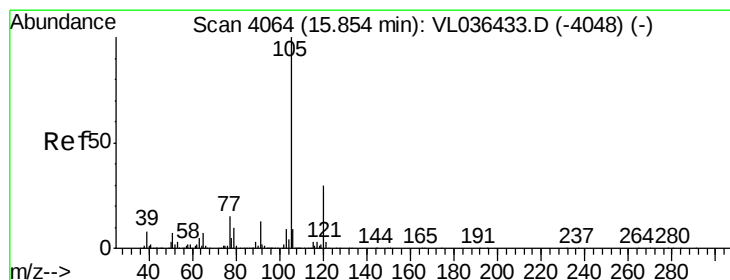
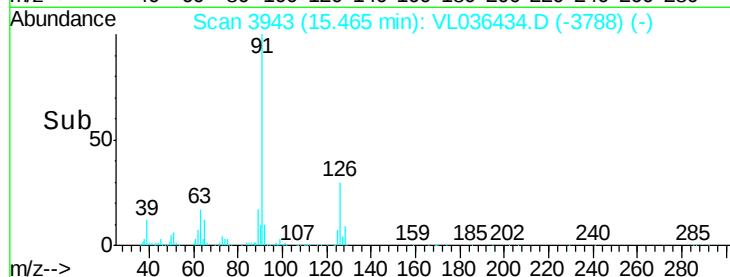
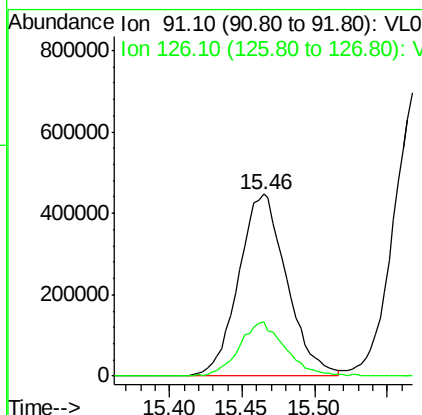
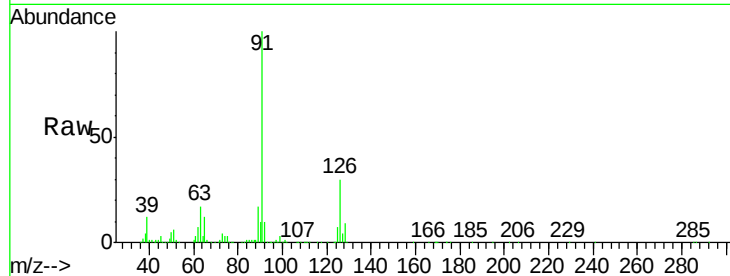


#71
 2-Chlorotoluene
 Concen: 2.062 ppbv
 RT: 15.46 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 3 Mar 2021 10:14

Tot Ion:
 Ion Ratio
 91 100
 126 29.

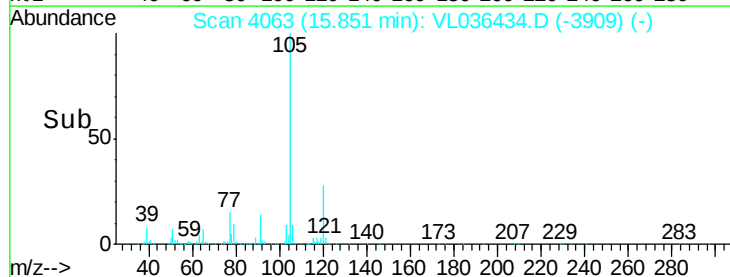
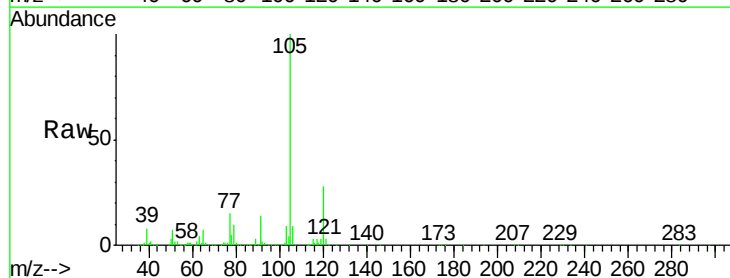
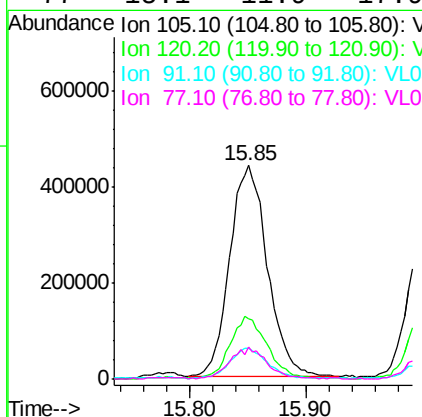
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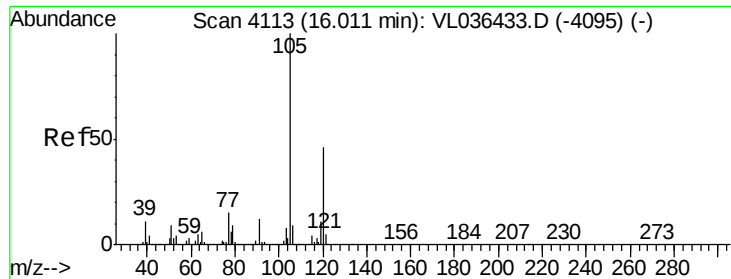
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#72
 4-Ethyltoluene
 Concen: 2.057 ppbv
 RT: 15.85 min Scan# 4063
 Delta R.T. -0.00 min
 Lab File: VL036434.D
 Acq: 3 Mar 2021 10:14

Tgt Ion:105 Resp: 987680
 Ion Ratio Lower Upper
 105 100
 120 29.5 23.8 35.6
 91 14.1 10.9 16.3
 77 15.1 11.9 17.9



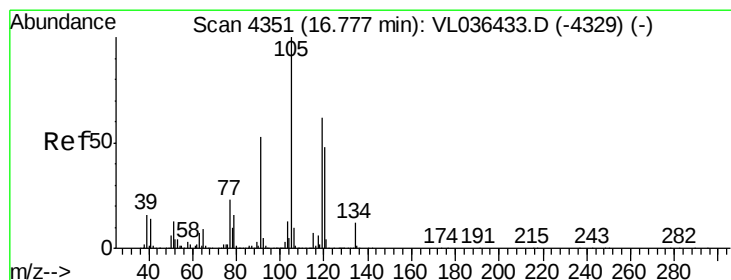
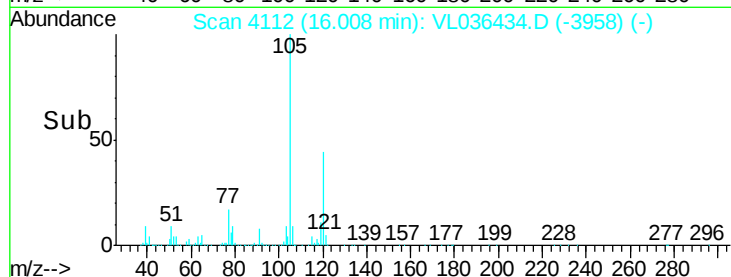
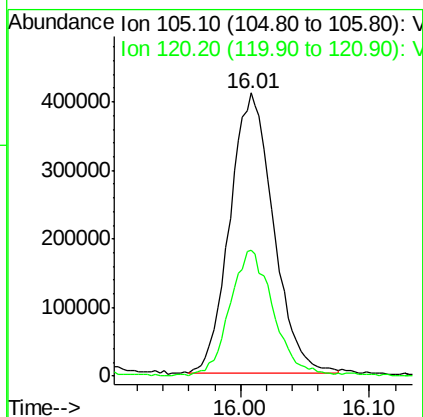
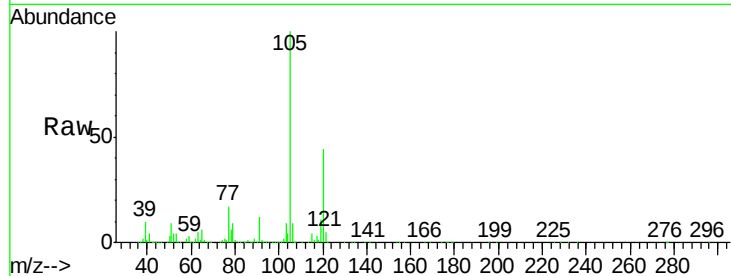


#73
 1,3,5-Trimethylbenzene
 Concen: 2.054 ppbv
 RT: 16.01 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 3 Mar 2021 10:14

Tot Ion:1
 Ion Rati
 105 100
 120 44.

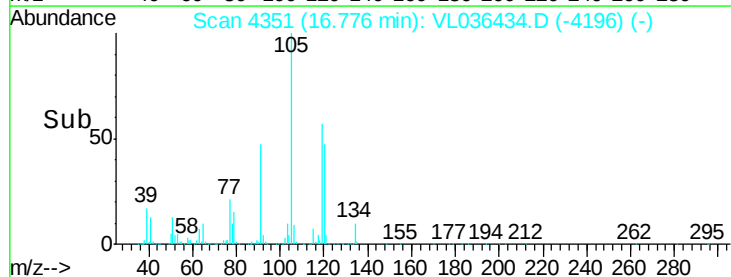
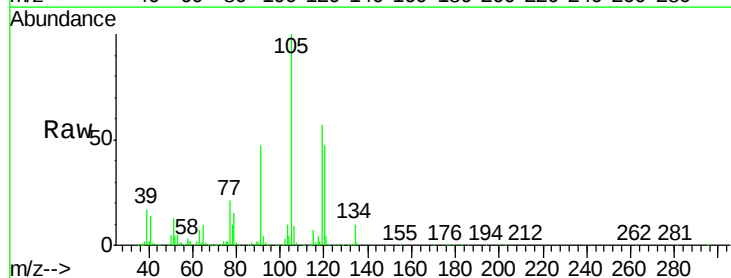
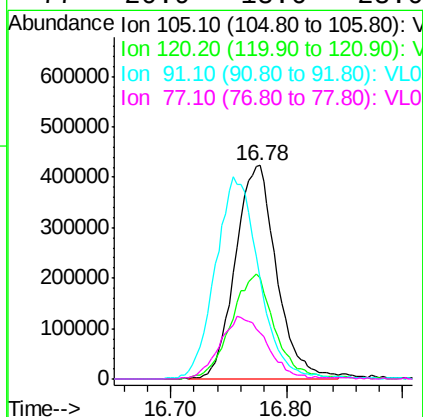
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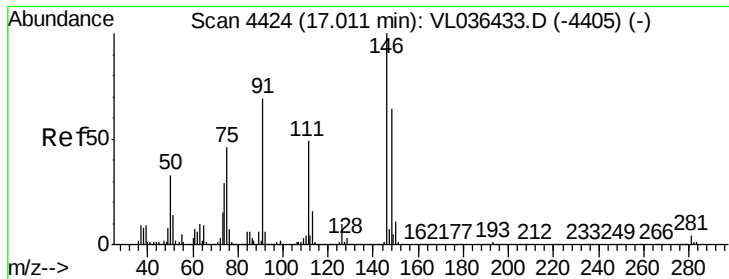
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 2.181 ppbv
 RT: 16.78 min Scan# 4351
 Delta R.T. -0.00 min
 Lab File: VL036434.D
 Acq: 3 Mar 2021 10:14

Tgt Ion:105 Resp: 1036668
 Ion Ratio Lower Upper
 105 100
 120 46.7 38.2 57.4
 91 46.2 42.6 63.8
 77 20.9 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 2.131 ppbv

RT: 17.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 10:14

Tot Ion:1

Ion Rati

146 100

111 51.

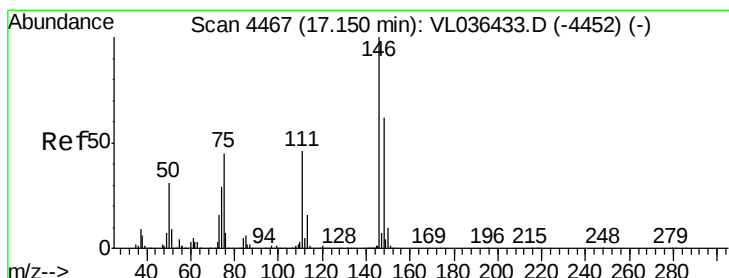
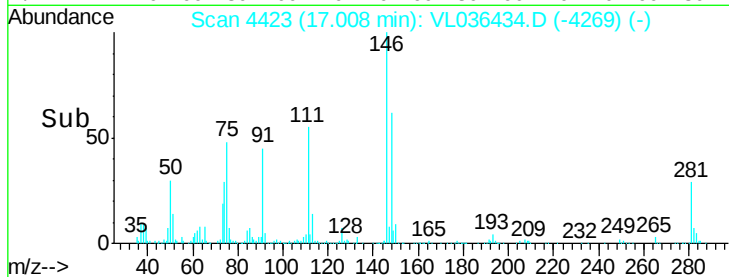
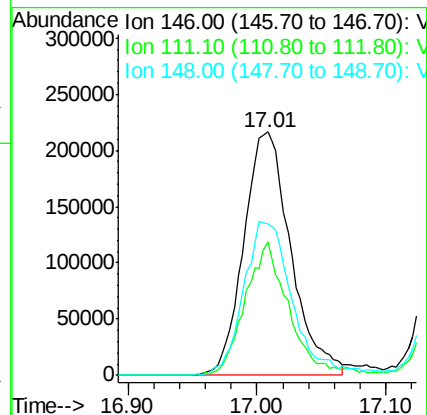
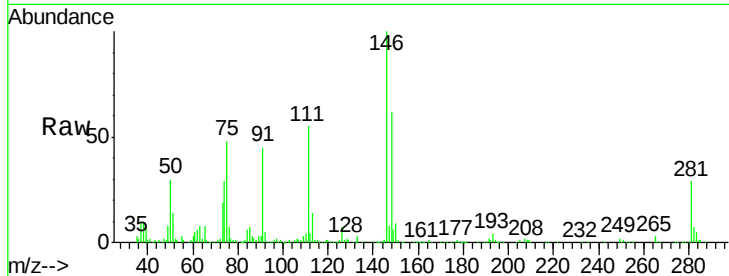
148 66.

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: 1.890 ppbv

RT: 17.15 min Scan# 4466

Delta R.T. -0.00 min

Lab File: VL036434.D

Acq: 3 Mar 2021 10:14

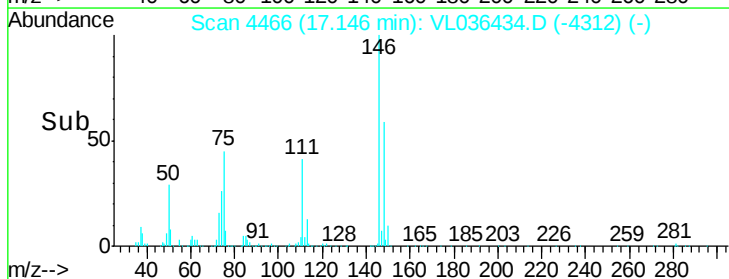
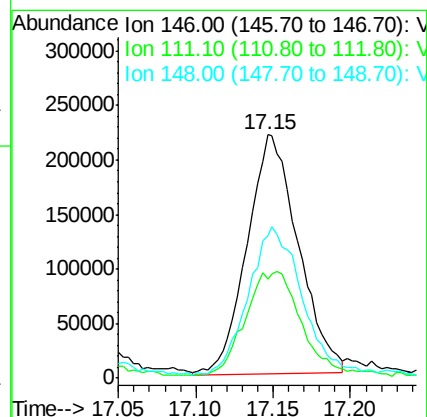
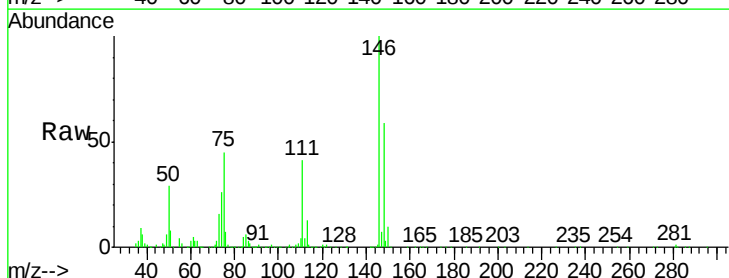
Tgt Ion:146 Resp: 506309

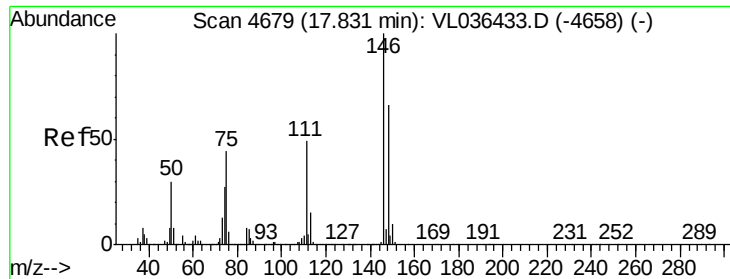
Ion Ratio Lower Upper

146 100

111 49.7 24.5 73.5

148 67.9 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 2.090 ppbv

RT: 17.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 10:14

Tot Ion:1

Ion Rati

146 100

111 50.

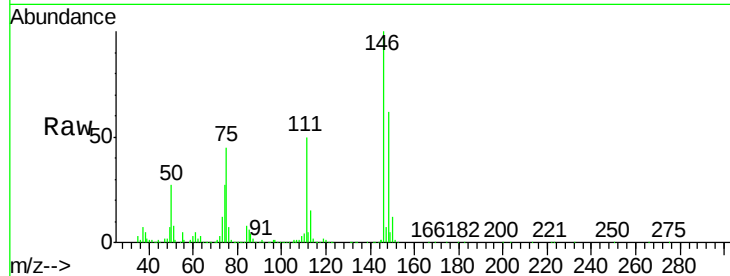
148 66.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

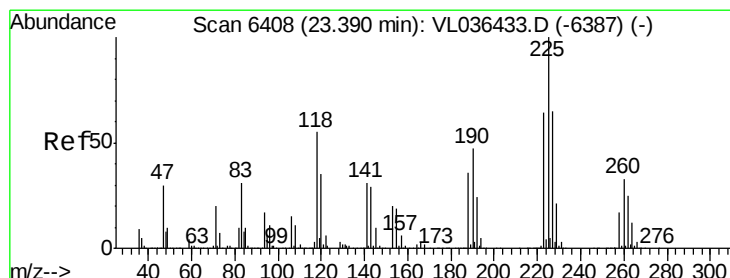
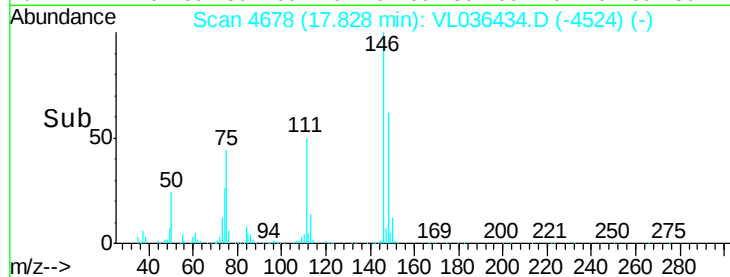
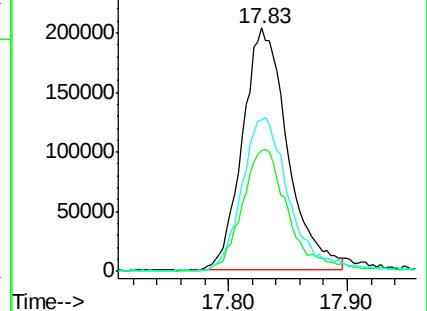
Supervised By :Mahesh Dadoda 03/04/2021



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



#78

Hexachloro-1,3-Butadiene

Concen: 2.110 ppbv

RT: 23.39 min Scan# 6407

Delta R.T. -0.00 min

Lab File: VL036434.D

Acq: 3 Mar 2021 10:14

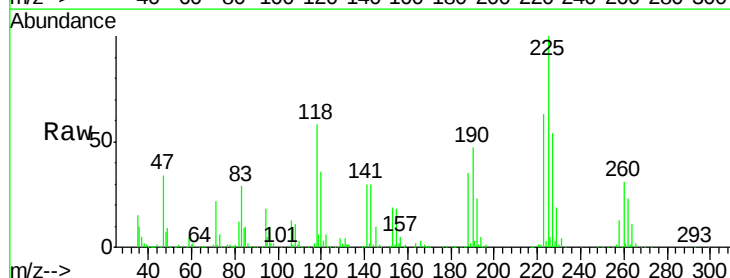
Tgt Ion:225 Resp: 441094

Ion Ratio Lower Upper

225 100

223 62.3 51.8 77.8

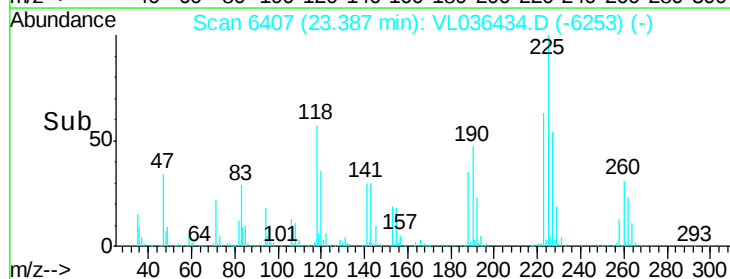
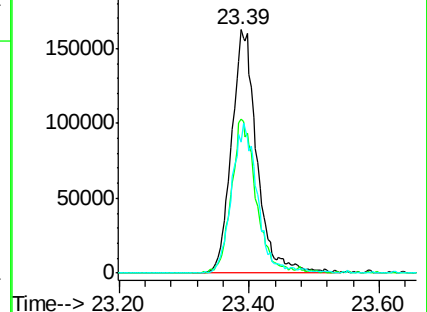
227 63.1 53.0 79.6

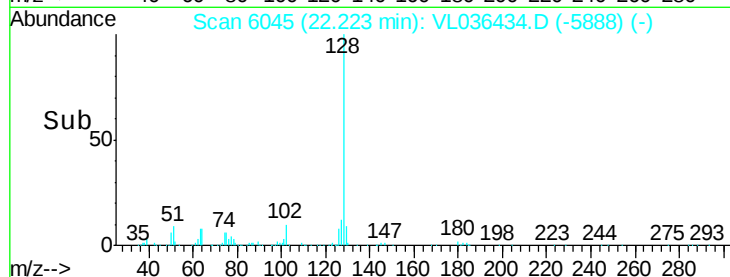
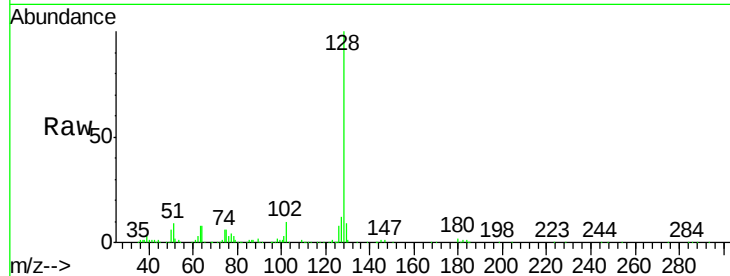
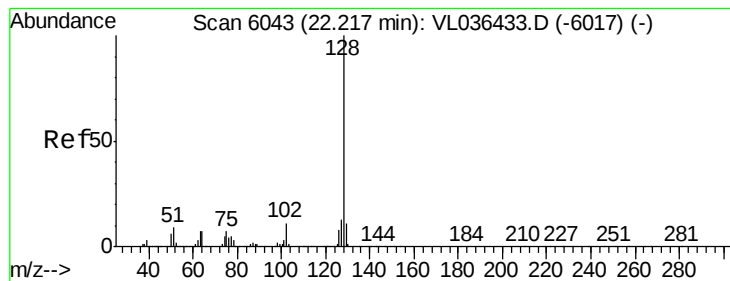


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 2.082 ppbv m

RT: 22.22

Delta R.T. MSVOA_L

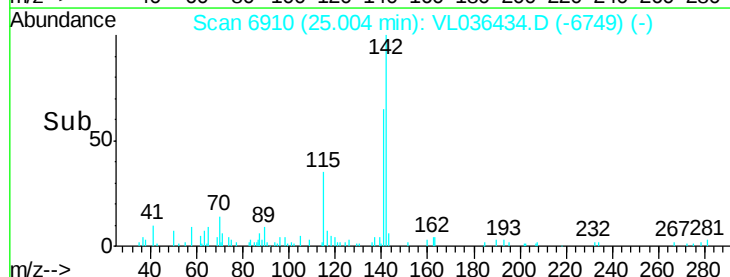
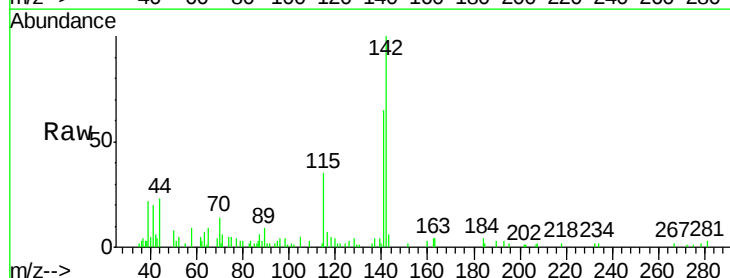
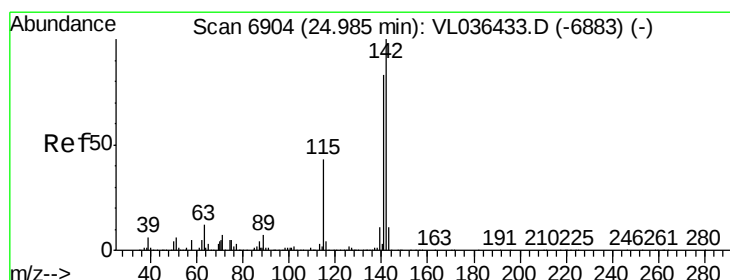
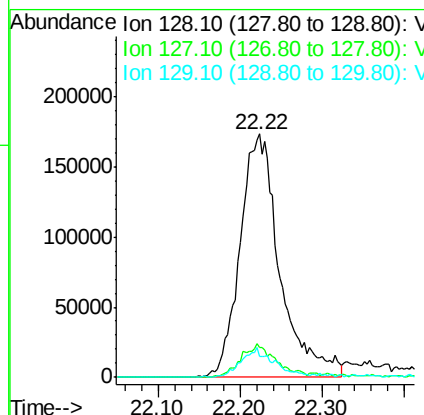
Lab File: ClientSampleId :

Acq: 3 Mar 2021 10:14

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

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



#80

Naphthalene, 2-methyl-

Concen: 1.210 ppbv

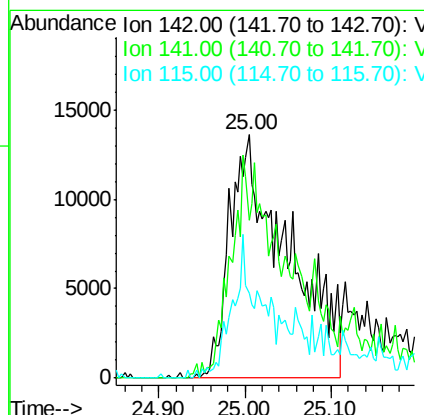
RT: 25.00 min Scan# 6910

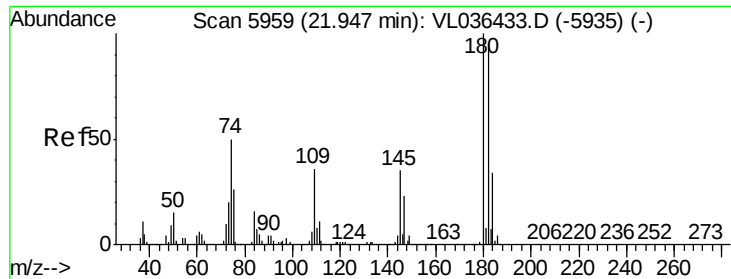
Delta R.T. 0.02 min

Lab File: VL036434.D

Acq: 3 Mar 2021 10:14

Tgt Ion:142 Resp: 63109
Ion Ratio Lower Upper
142 100
141 96.9 69.0 103.6
115 41.4 32.4 48.6





#81
 1,2,4-Trichlorobenzene
 Concen: 2.064 ppbv m
 RT: 21.95
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 3 Mar 2021 10:14

Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 29.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021
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