

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036798.D
 Acq On : 13 Apr 2021 11:33
 Operator : SY/AP
 Sample : VL0413ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0413ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2021
 Supervised By : Mahesh Dadoda 04/14/2021

Quant Time: Apr 14 09:10:44 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1405228	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3623311	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3033027m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2007737	8.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	2024652	8.834	ppbv 98
3) Chlorodifluoromethane	2.99	51	2376313	9.051	ppbv 100
4) Chloromethane	3.14	50	778865	8.399	ppbv 99
5) Vinyl Chloride	3.25	62	791295	8.298	ppbv 99
6) Bromomethane	3.47	94	425586	8.107	ppbv 98
7) Chloroethane	3.55	64	272466	8.316	ppbv 95
8) Dichlorotetrafluoroethane	3.19	85	1876045	8.576	ppbv 98
9) Propene	3.01	41	725280	8.665	ppbv 97
10) Heptane	8.12	43	1887363	8.851	ppbv 99
11) Trichlorofluoromethane	3.95	101	1999700	8.561	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1312329	8.788	ppbv 99
13) Ethanol	3.60	45	78291m	7.855	ppbv
14) Bromoethene	3.74	108	540278	8.702	ppbv 99
15) Acetone	3.85	43	1010967	7.310	ppbv 100
16) 1,3-Butadiene	3.32	39	848140	8.808	ppbv 98
17) tert-Butyl alcohol	4.29	59	1243385	10.327	ppbv 100
18) 1,1-Dichloroethene	4.29	96	576268	8.675	ppbv 94
19) Isopropyl Alcohol	3.97	45	692641	9.104	ppbv # 97
20) Methylene Chloride	4.34	84	488214	7.539	ppbv 95
21) Allyl Chloride	4.41	41	907108	8.228	ppbv 98
22) trans-1,2-Dichloroethene	4.88	96	546448	8.873	ppbv 95
23) Vinyl Acetate	5.07	43	2037916	8.614	ppbv 98
24) 1,1-Dichloroethane	5.01	63	1503111	8.717	ppbv 99
25) Ethyl Acetate	5.68	43	2741264	8.337	ppbv 100
26) Hexane	5.68	57	1325492	8.687	ppbv 99
27) Carbon Disulfide	4.55	76	1418011	9.433	ppbv 98
28) Methyl tert-Butyl Ether	5.03	73	1558334	8.660	ppbv 98
29) Chloroform	5.75	83	2137344	8.758	ppbv 96
30) Cyclohexane	7.13	84	1139427	9.207	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1315036	8.910	ppbv 93
32) 1,1,1-Trichloroethane	6.51	97	2152525	8.752	ppbv 99
34) 2-Butanone	5.24	43	1325557	7.495	ppbv 98
35) Carbon Tetrachloride	7.02	117	2275824	8.178	ppbv 96
36) Benzene	6.89	78	2825665	8.456	ppbv 99
37) 1,2-Dichloroethane	6.30	62	1608998	8.181	ppbv 100
38) Trichloroethene	7.83	130	1008113	7.752	ppbv 98
39) 1,2-Dichloropropane	7.61	63	1107285	8.169	ppbv 96
40) 1,4-Dioxane	7.83	88	264924	8.397	ppbv 93
41) Tetrahydrofuran	6.05	42	607596	7.451	ppbv 96
42) Bromodichloromethane	7.79	83	2309383	8.632	ppbv 97
43) Methyl Methacrylate	8.01	69	1057533	9.424	ppbv 96

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Quant Time: Apr 14 09:10:44 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A

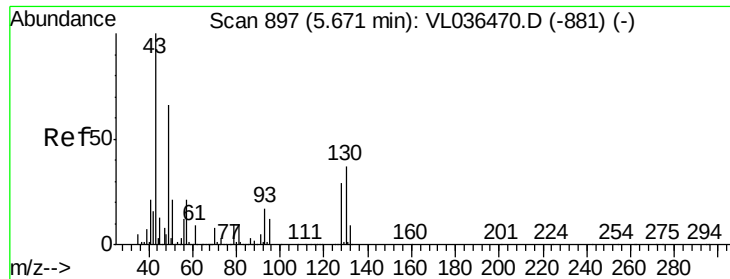
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu Mar 25 09:42:40 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4779067	8.126	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	915228m	7.143	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	1182039	7.217	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	1145989	8.347	ppbv	97
48) Dibromochloromethane	10.30	129	1919500	9.171	ppbv	99
49) Bromoform	13.04	173	1560585	9.254	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	1988488	7.770	ppbv	99
51) 2-Hexanone	10.14	43	1022713	7.919	ppbv #	98
52) Tetrachloroethene	11.22	164	962754	7.824	ppbv	98
53) Toluene	9.81	91	3174937	8.922	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1646332	8.491	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1332004	9.710	ppbv #	62
57) Chlorobenzene	12.15	112	2355208	9.126	ppbv	99
58) Ethyl Benzene	12.71	91	4279741	9.699	ppbv	99
59) m/p-Xylene	13.00	91	7254680m	18.849	ppbv	
60) o-Xylene	13.69	91	3376182	9.072	ppbv	100
61) Styrene	13.53	104	1834355	9.798	ppbv	99
62) Isopropylbenzene	14.67	105	4734637	9.448	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2523620	8.890	ppbv	99
64) n-propylbenzene	15.56	120	1233647	10.068	ppbv	98
65) tert-Butylbenzene	16.74	119	4137452	9.521	ppbv	100
66) Benzyl Chloride	16.99	91	299536m	6.236	ppbv	
67) sec-Butylbenzene	17.29	105	5812250	9.475	ppbv	100
69) p-Isopropyltoluene	17.65	119	4775230	9.969	ppbv	99
70) n-Butylbenzene	18.55	91	4858690	9.783	ppbv	99
71) 2-Chlorotoluene	15.45	91	3639833	9.693	ppbv	100
72) 4-Ethyltoluene	15.84	105	4091679	10.034	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3598180	9.454	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	3749752	9.207	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	2202872	9.609	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	2119933	9.314	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	2134124	9.903	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1640245	8.499	ppbv	99
79) Naphthalene	22.20	128	2470509	10.395	ppbv	99
80) Naphthalene,2-methyl-	24.98	142	410912	8.768	ppbv	94
81) 1,2,4-Trichlorobenzene	21.93	180	1488761	10.146	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VL0413ABS01

Acq: 13 Apr 2021 11:33

Tot Ion:

Ion Ratio

49 100

128 50.

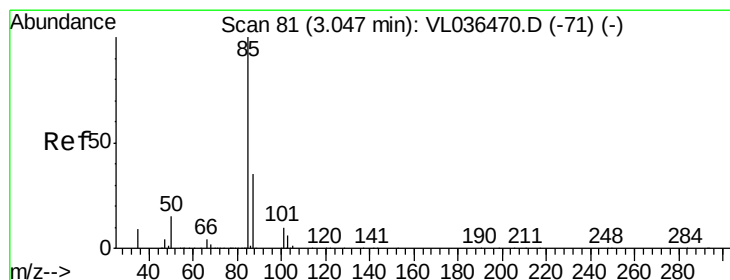
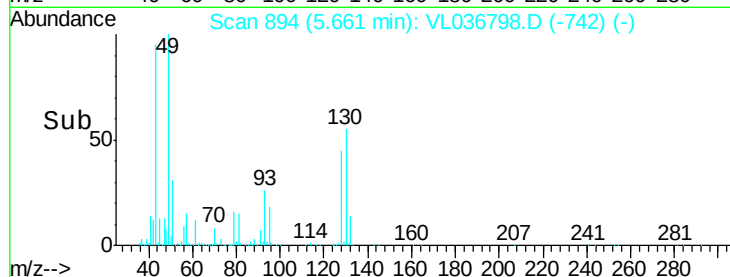
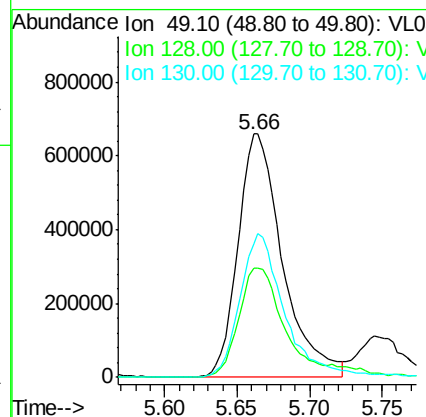
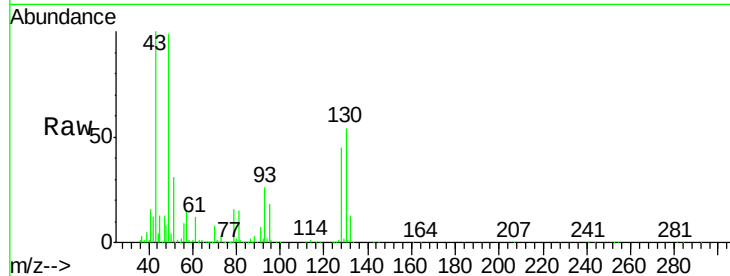
130 60.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#2

Dichlorodifluoromethane

Concen: 8.834 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL036798.D

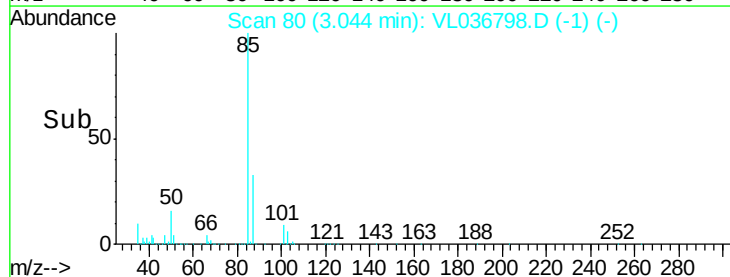
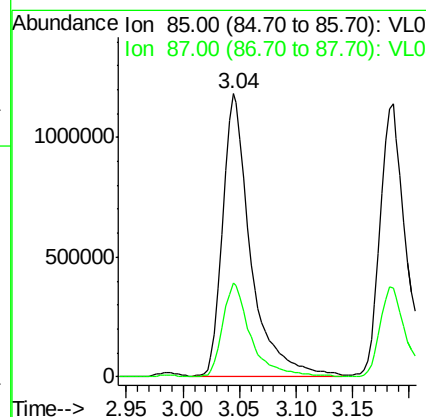
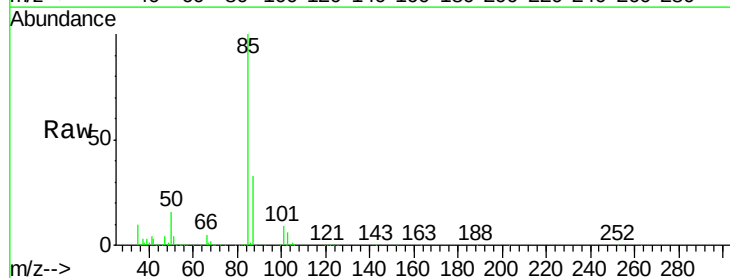
Acq: 13 Apr 2021 11:33

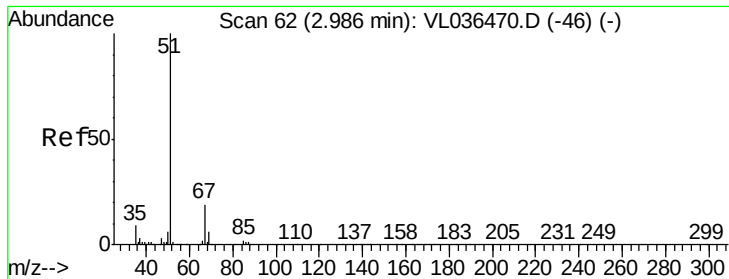
Tgt Ion: 85 Resp: 2024652

Ion Ratio Lower Upper

85 100

87 33.4 27.8 41.8





#3

Chlorodifluoromethane

Concen: 9.051 ppbv

RT: 2.99 Instrument: MSVOA_L

Delta R.T. -0.00 min

Lab File: VL0413ABS01 ClientSampleId:

Acq: 13 Apr 2021 11:33

Tot Ion:

Ion Ratio

51 100

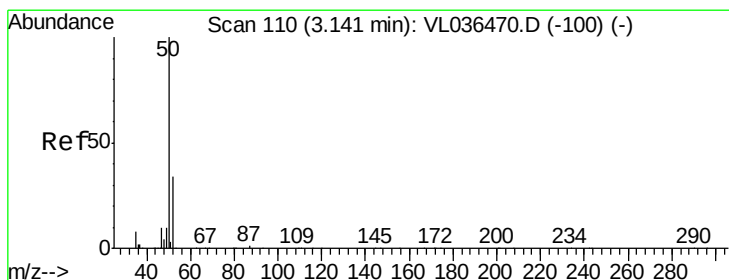
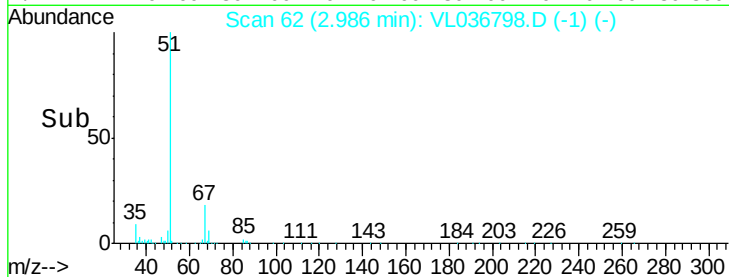
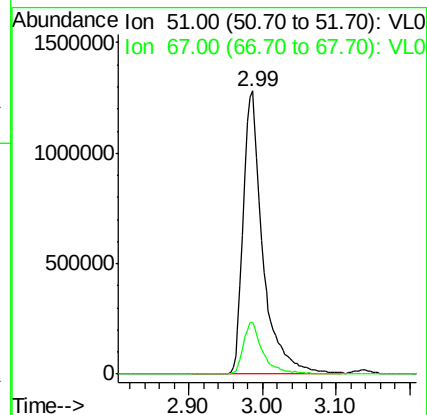
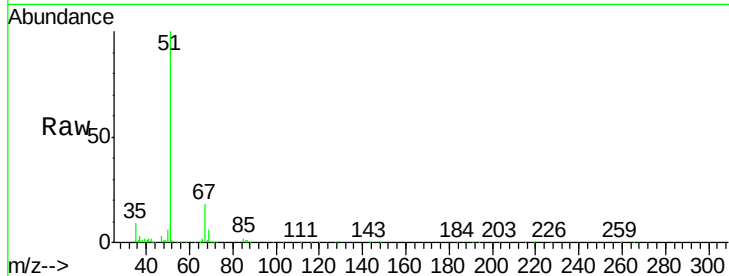
67 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#4

Chloromethane

Concen: 8.399 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.00 min

Lab File: VL036798.D

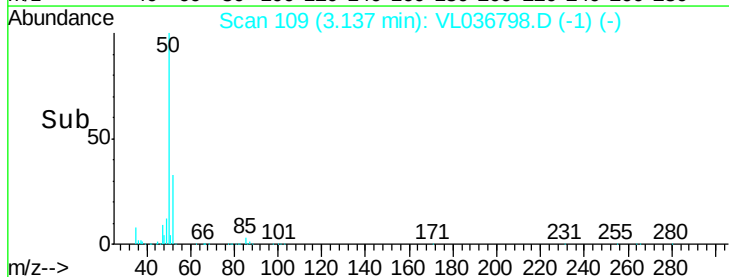
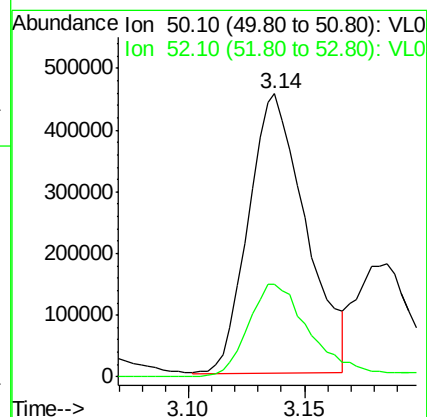
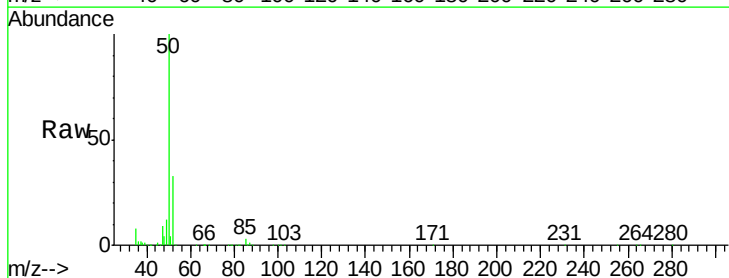
Acq: 13 Apr 2021 11:33

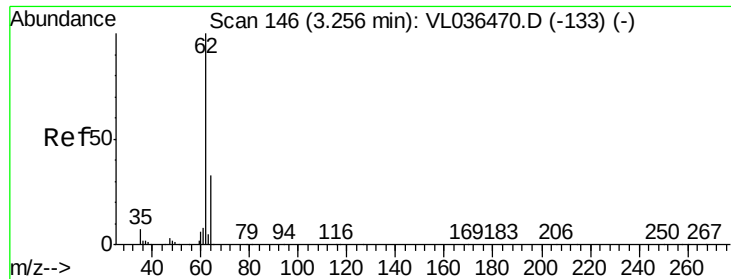
Tgt Ion: 50 Resp: 778865

Ion Ratio Lower Upper

50 100

52 33.2 27.0 40.6





#5

Vinyl Chloride

Concen: 8.298 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0413ABS01

Acq: 13 Apr 2021 11:33

Tot Ion:

Ion Ratio

62 100

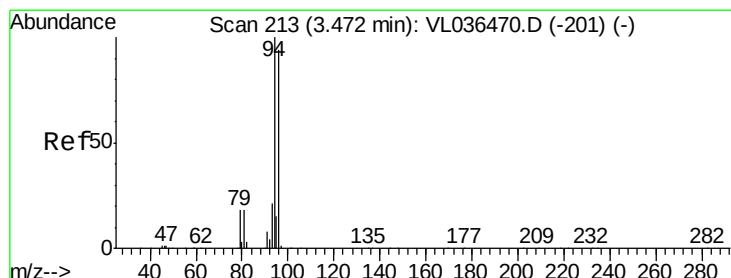
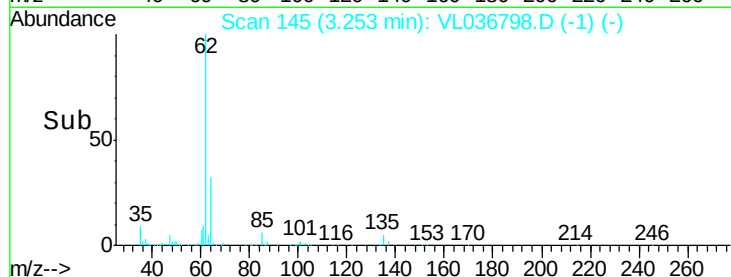
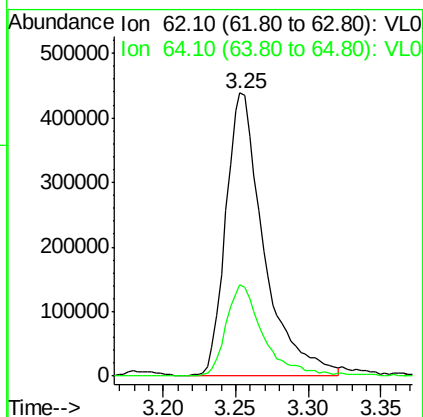
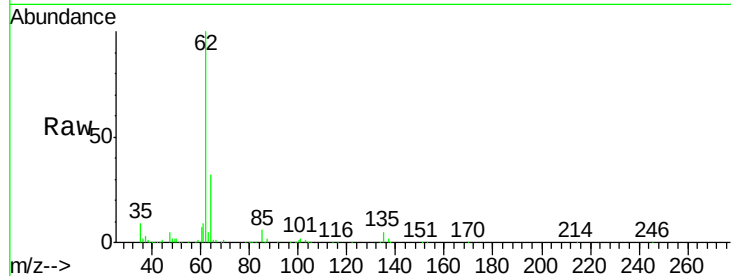
64 32.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 04/14/2021



#6

Bromomethane

Concen: 8.107 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.00 min

Lab File: VL036798.D

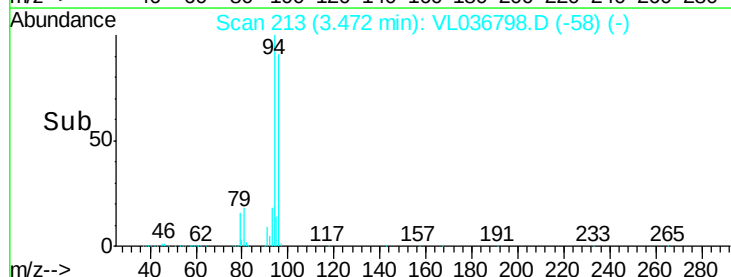
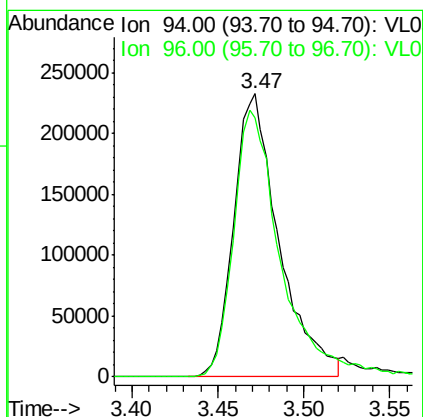
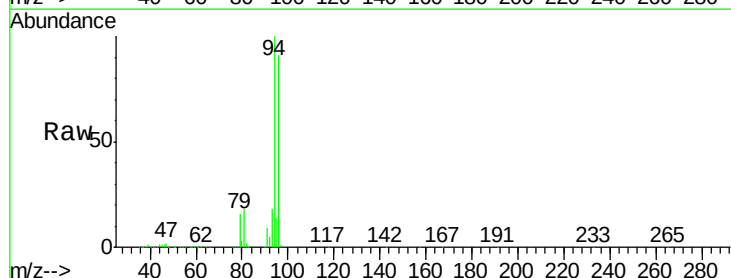
Acq: 13 Apr 2021 11:33

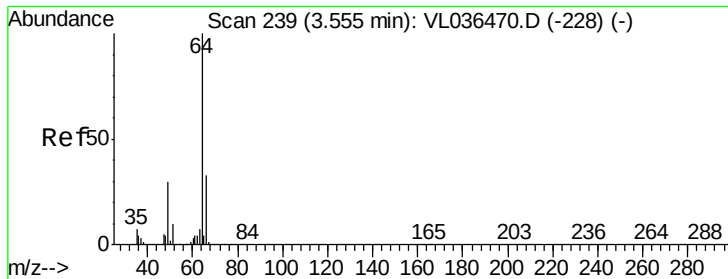
Tgt Ion: 94 Resp: 425586

Ion Ratio Lower Upper

94 100

96 91.4 74.9 112.3





#7

Chloroethane

Concen: 8.316 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VL0413ABS01

Acq: 13 Apr 2021 11:33

Tot Ion:

Ion Ratio

64 100

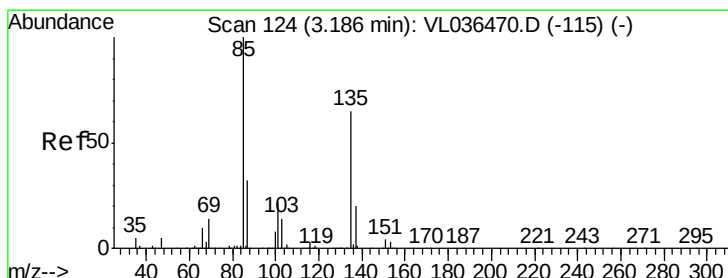
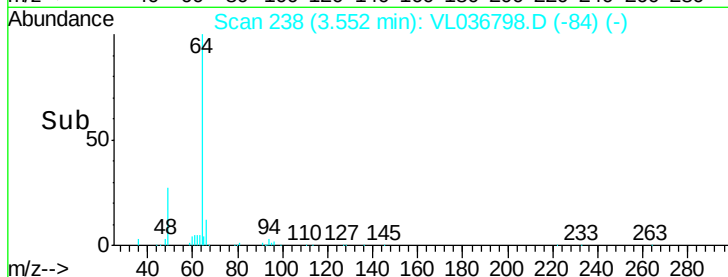
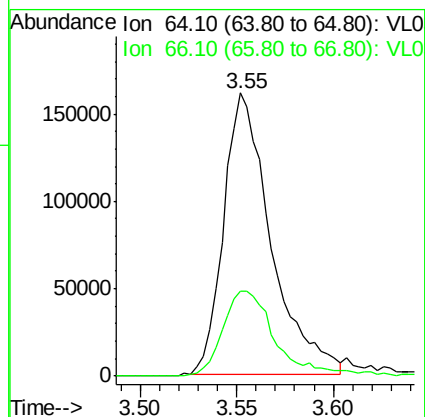
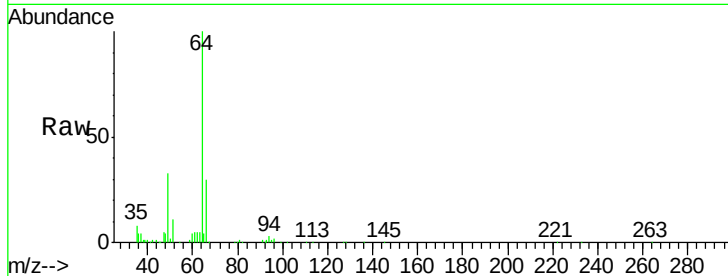
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#8

Dichlorotetrafluoroethane

Concen: 8.576 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.00 min

Lab File: VL036798.D

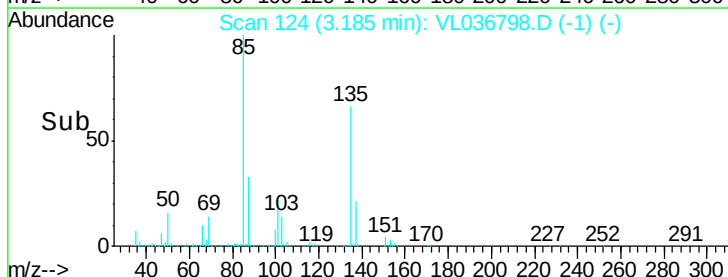
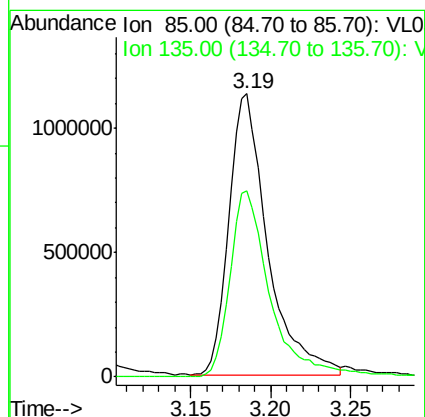
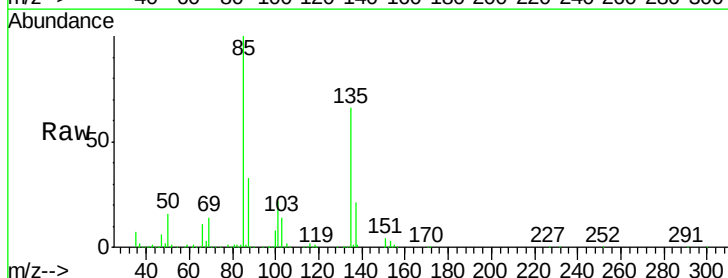
Acq: 13 Apr 2021 11:33

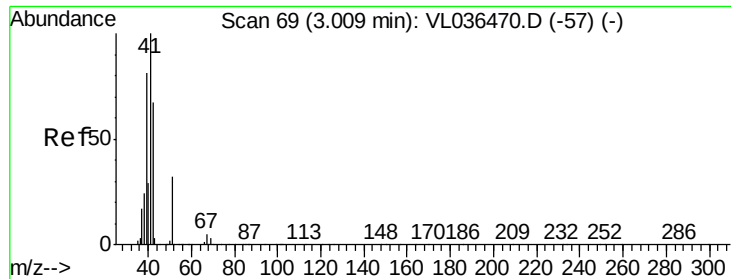
Tgt Ion: 85 Resp: 1876045

Ion Ratio Lower Upper

85 100

135 69.4 54.3 81.5





#9

Propene

Concen: 8.665 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Apr 2021 11:33

Tot Ion:

Ion Ratio

41 100

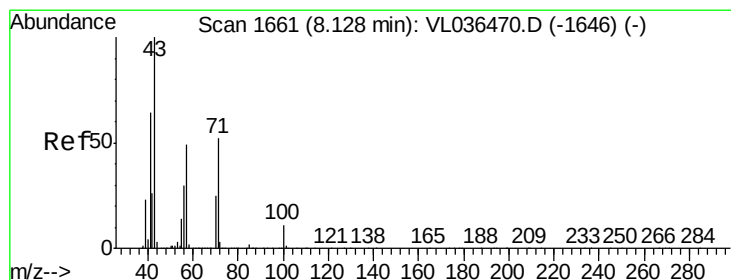
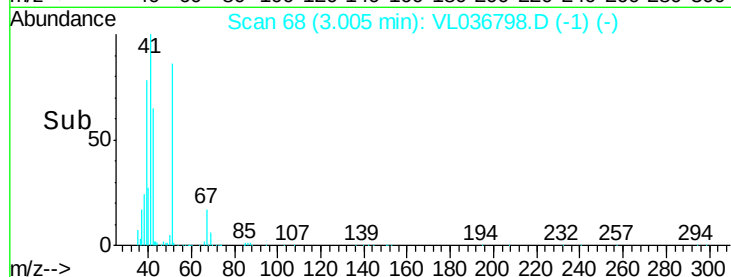
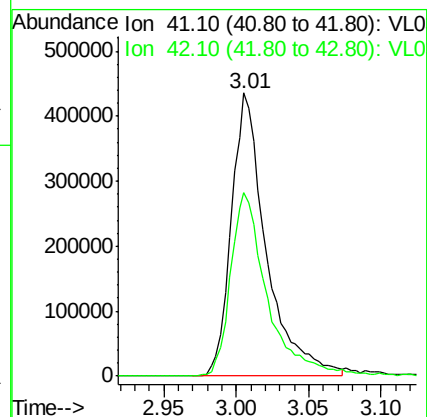
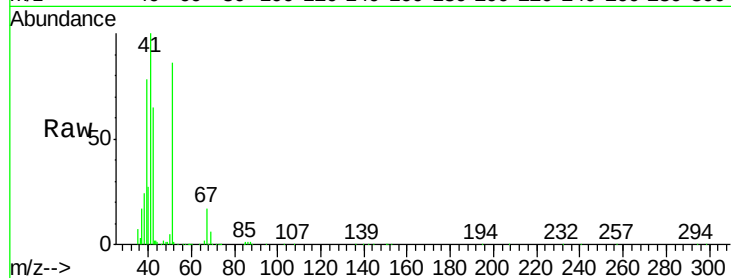
42 68.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#10

Heptane

Concen: 8.851 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL036798.D

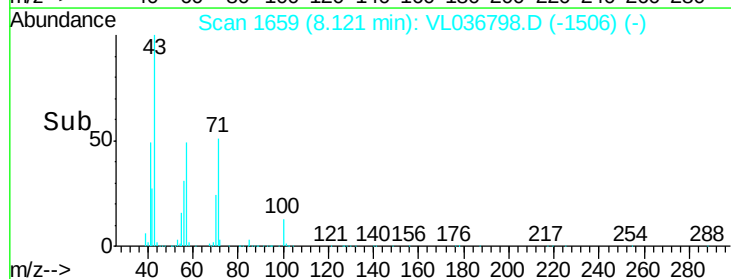
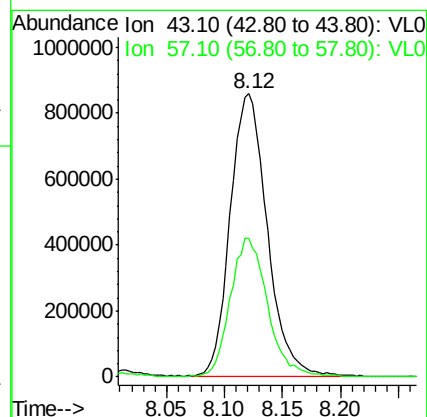
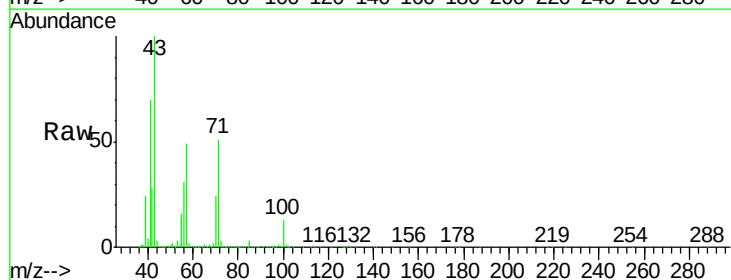
Acq: 13 Apr 2021 11:33

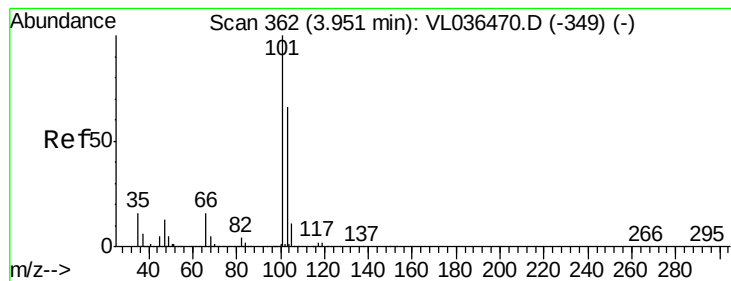
Tgt Ion: 43 Resp: 1887363

Ion Ratio Lower Upper

43 100

57 49.8 39.0 58.6





#11

Trichlorofluoromethane

Concen: 8.561 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 11:33 VL0413ABS01

Tot Ion:1

Ion Ratio

101 100

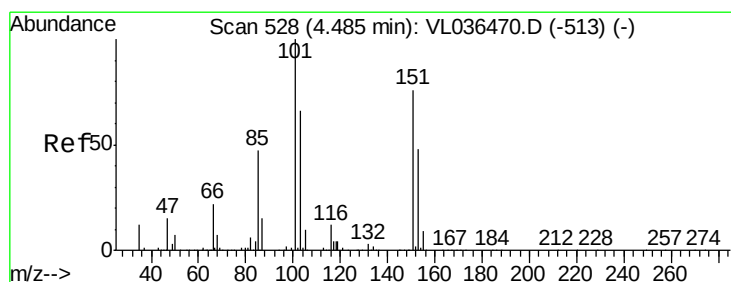
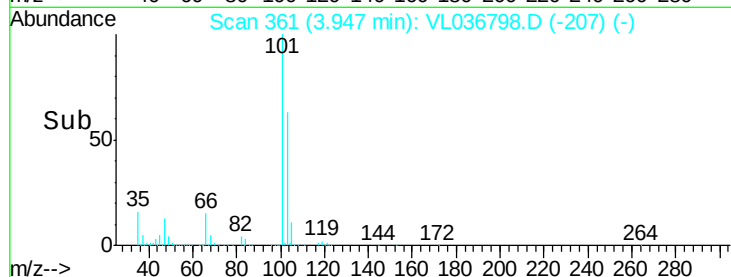
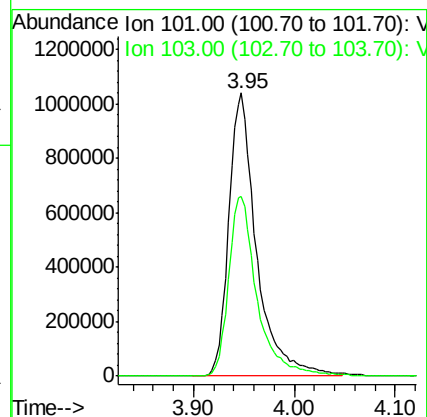
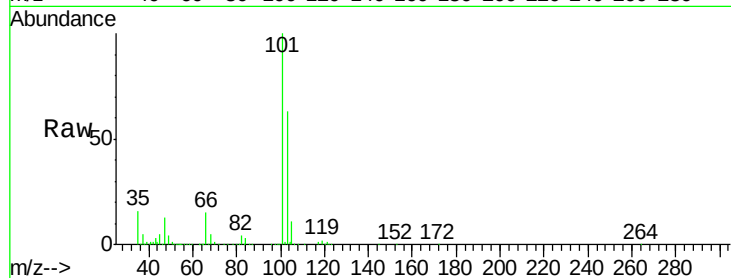
103 63.

Manual Integrations

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Supervised By :Mahesh Dadoda 04/14/2021



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.788 ppbv

RT: 4.48 min Scan# 527

Delta R.T. -0.00 min

Lab File: VL036798.D

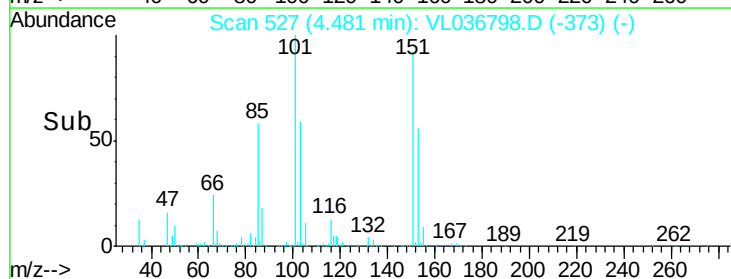
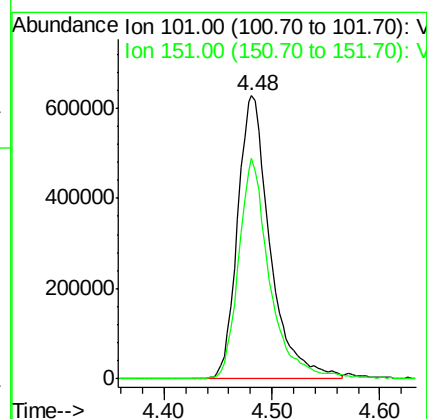
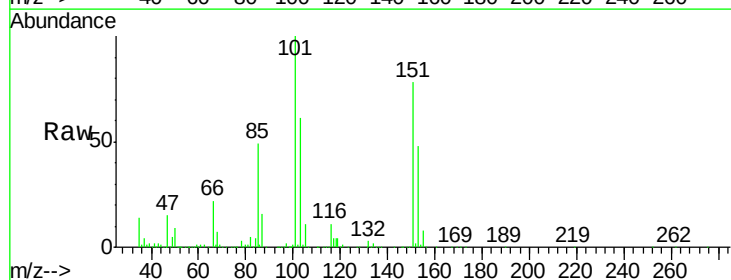
Acq: 13 Apr 2021 11:33

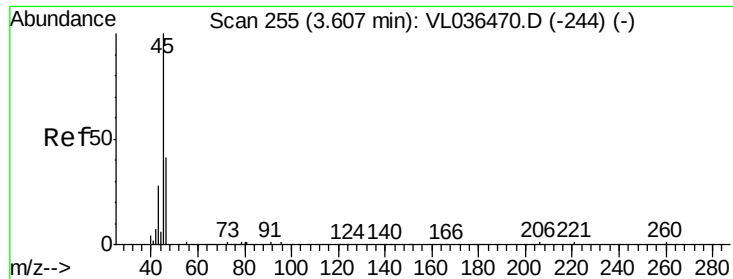
Tgt Ion:101 Resp: 1312329

Ion Ratio Lower Upper

101 100

151 74.9 60.9 91.3



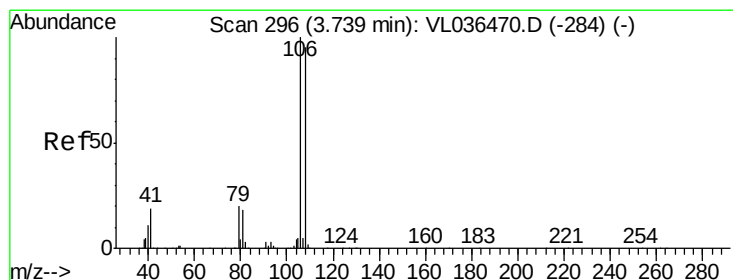
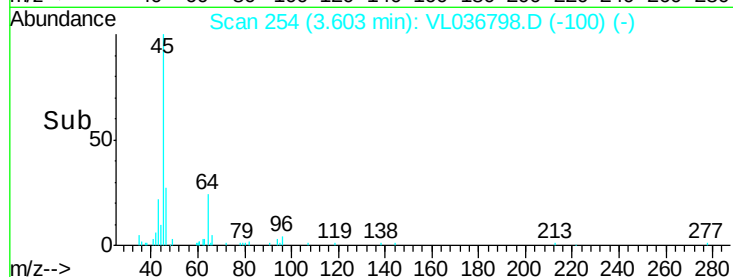
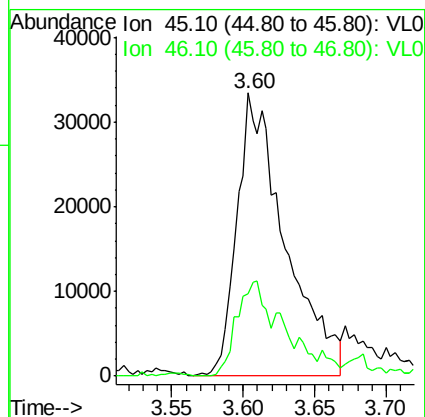
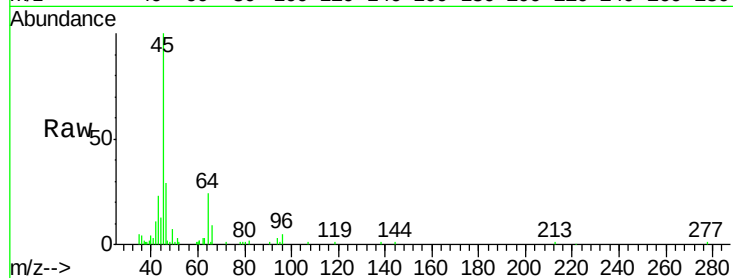


#13
Ethanol
Concen: 7.855 ppbv m
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0413ABS01
Acq: 13 Apr 2021 11:33

Tot Ion:
Ion Ratio
45 100
46 37.

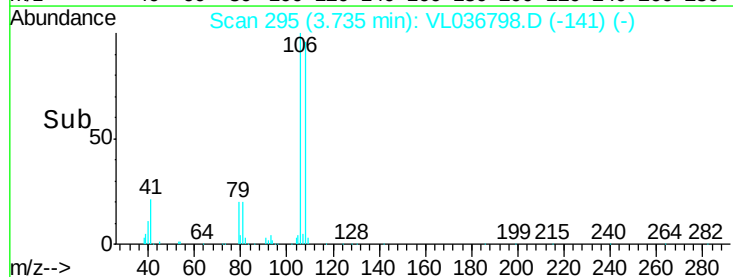
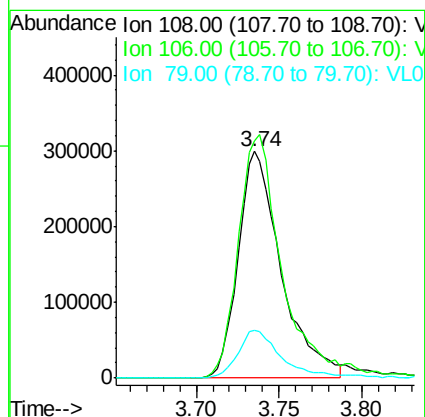
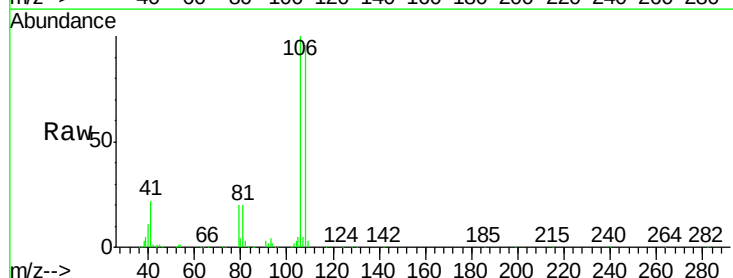
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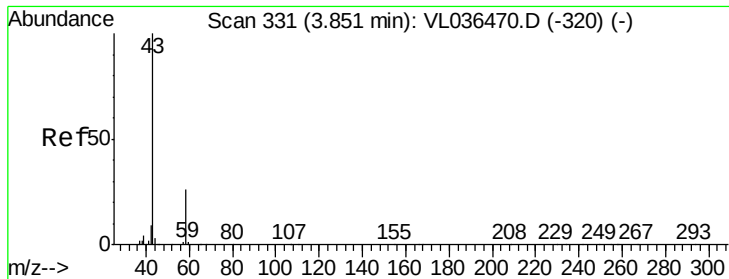
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#14
Bromoethene
Concen: 8.702 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.00 min
Lab File: VL036798.D
Acq: 13 Apr 2021 11:33

Tgt Ion:108 Resp: 540278
Ion Ratio Lower Upper
108 100
106 112.2 89.0 133.6
79 22.0 16.6 25.0





#15

Acetone

Concen: 7.310 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Apr 2021 11:33

Tot Ion:

Ion Ratio

43 100

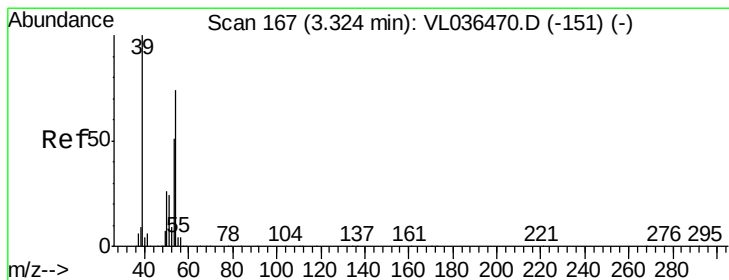
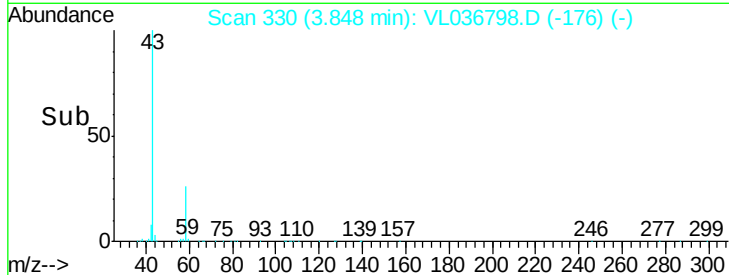
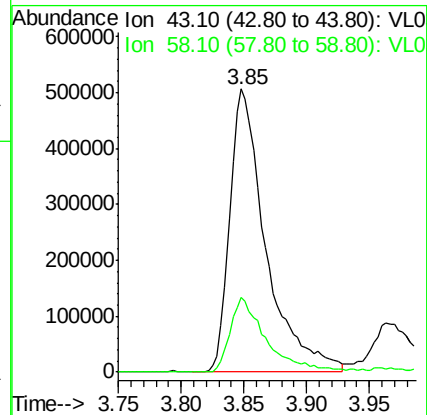
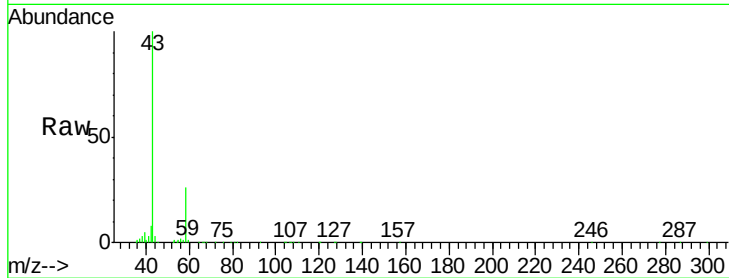
58 26.

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APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#16

1,3-Butadiene

Concen: 8.808 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.00 min

Lab File: VL036798.D

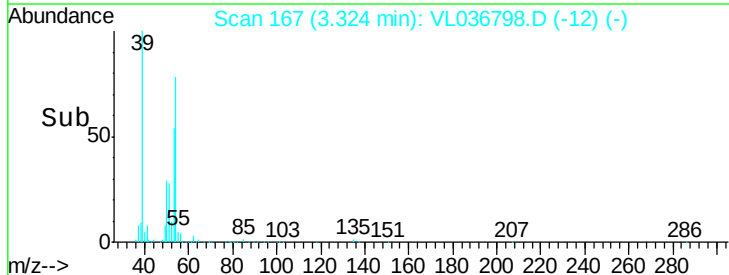
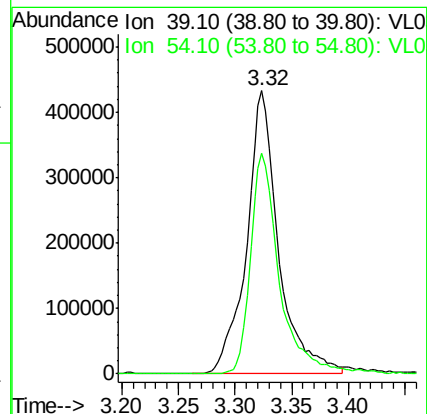
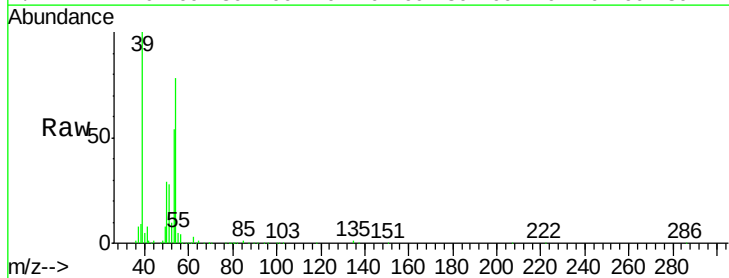
Acq: 13 Apr 2021 11:33

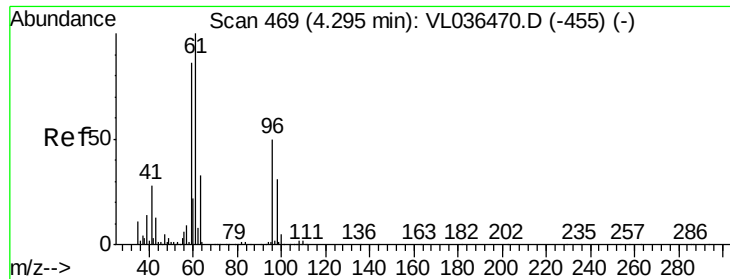
Tgt Ion: 39 Resp: 848140

Ion Ratio Lower Upper

39 100

54 71.9 58.8 88.2



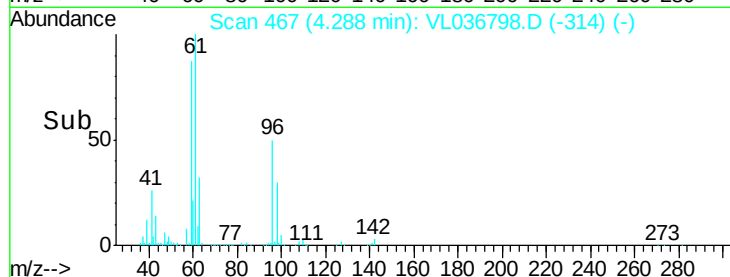
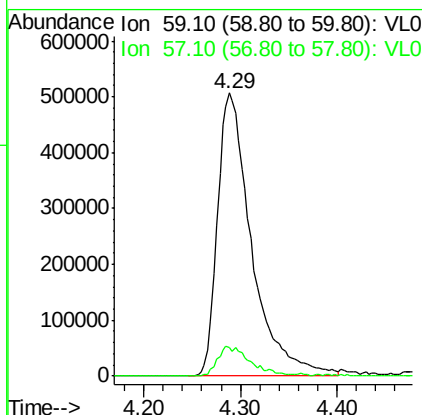
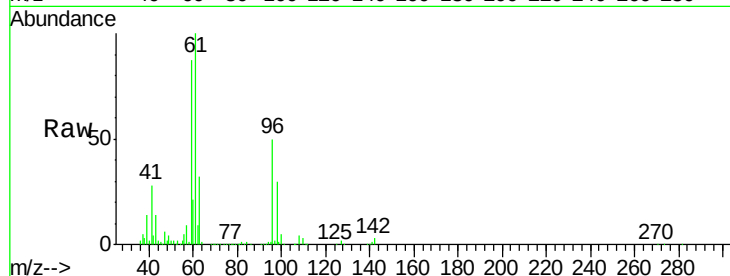


#17
 tert-Butyl alcohol
 Concen: 10.327 ppbv
 RT: 4.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0413ABS01
 Acq: 13 Apr 2021 11:33

Tot Ion:
 Ion Ratio
 59 100
 57 10.

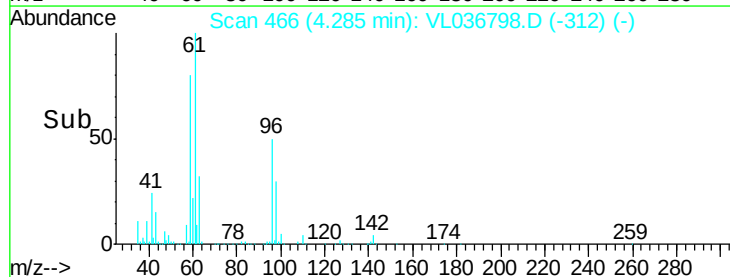
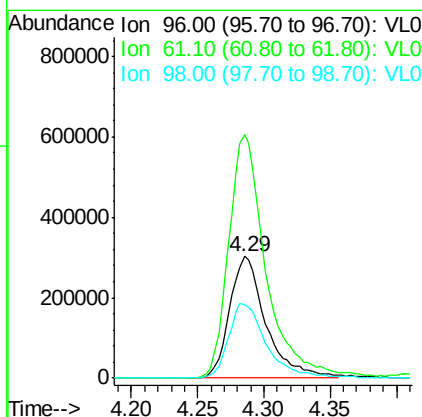
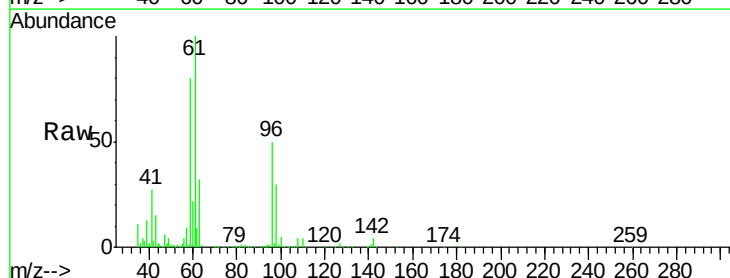
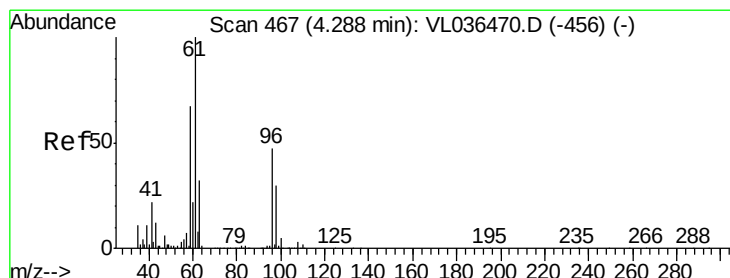
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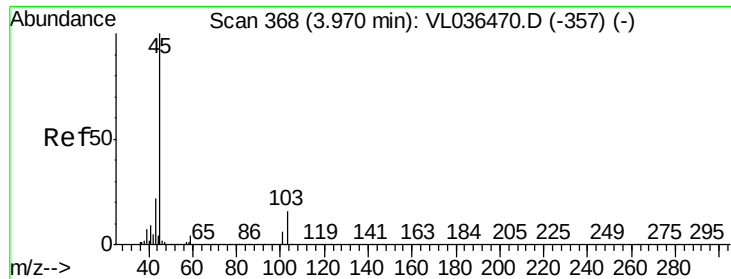
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#18
 1,1-Dichloroethene
 Concen: 8.675 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VL036798.D
 Acq: 13 Apr 2021 11:33

Tgt Ion: 96 Resp: 576268
 Ion Ratio Lower Upper
 96 100
 61 199.9 168.6 253.0
 98 60.2 50.8 76.2





#19

Isopropyl Alcohol

Concen: 9.104 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Apr 2021 11:33

Tot Ion:

Ion Ratio

45 100

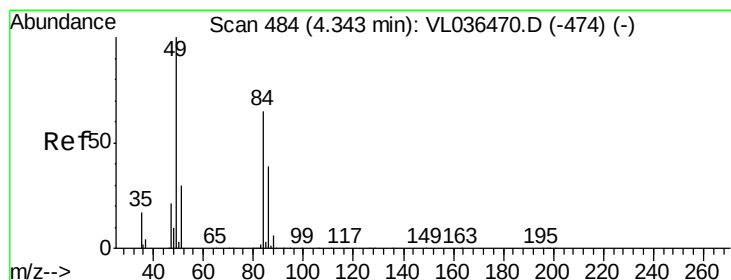
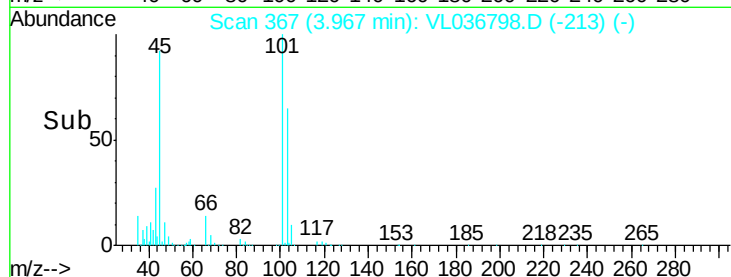
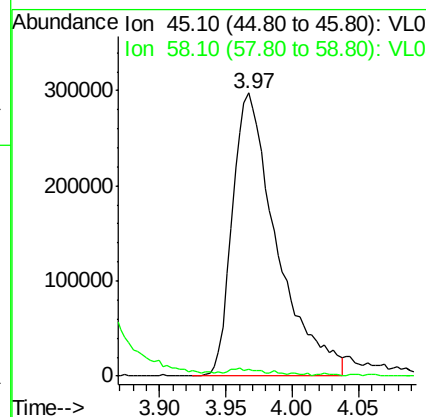
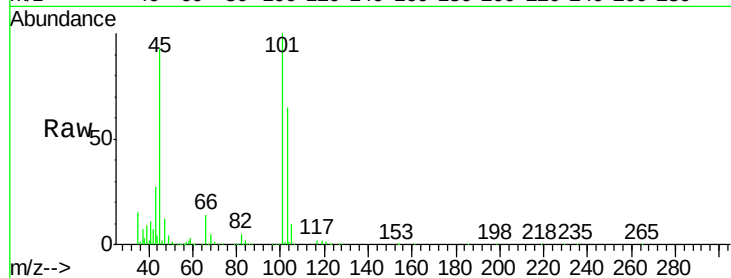
58 2.

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APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#20

Methylene Chloride

Concen: 7.539 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL036798.D

Acq: 13 Apr 2021 11:33

Tgt Ion: 84 Resp: 488214

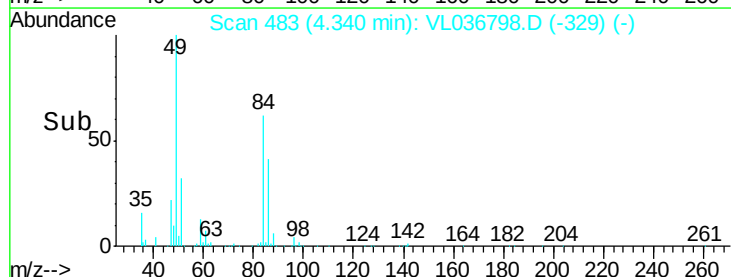
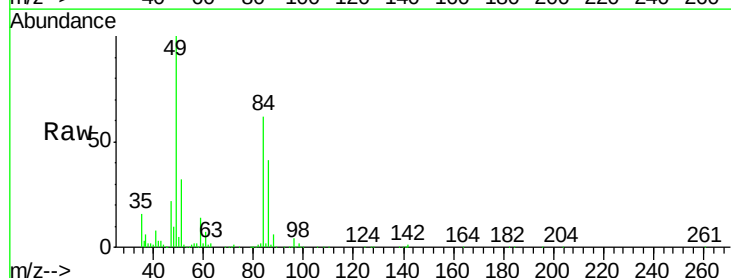
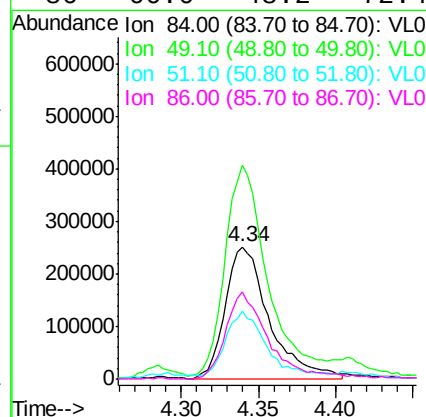
Ion Ratio Lower Upper

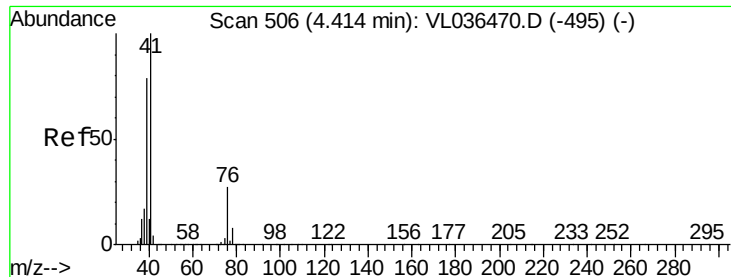
84 100

49 159.5 122.9 184.3

51 48.8 36.9 55.3

86 66.0 48.2 72.4



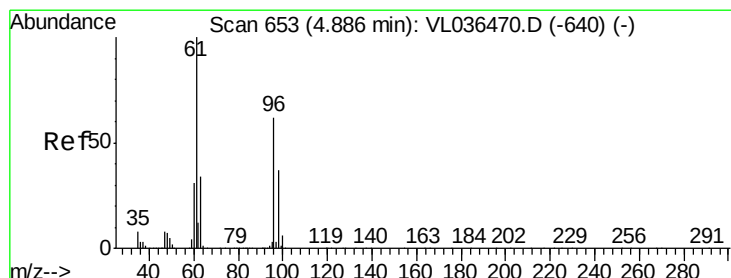
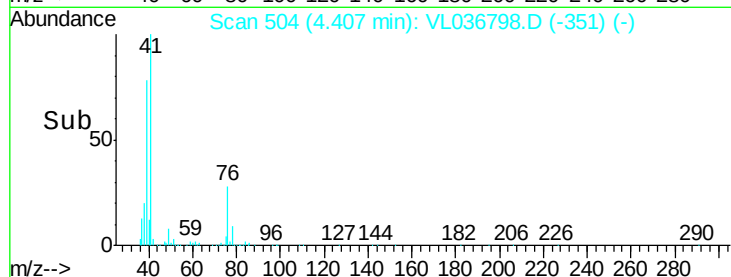
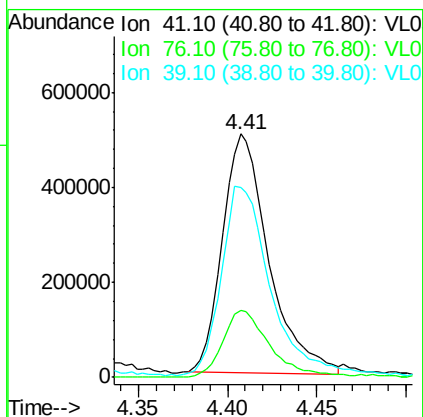
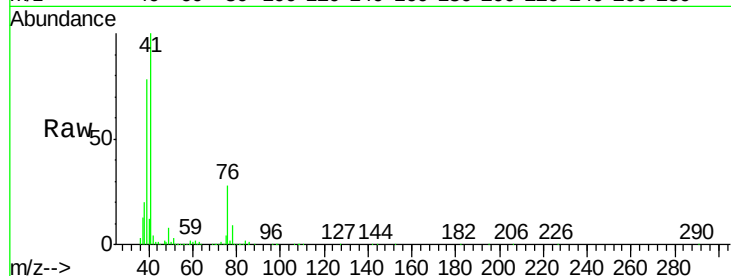


#21
 Allvl Chloride
 Concen: 8.228 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0413ABS01
 Acq: 13 Apr 2021 11:33

Tot Ion:
 Ion Ratio
 41 100
 76 29.
 39 85.

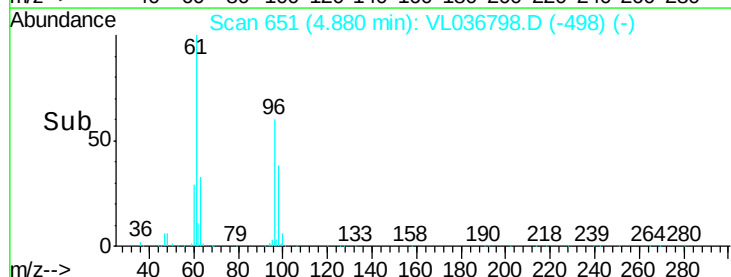
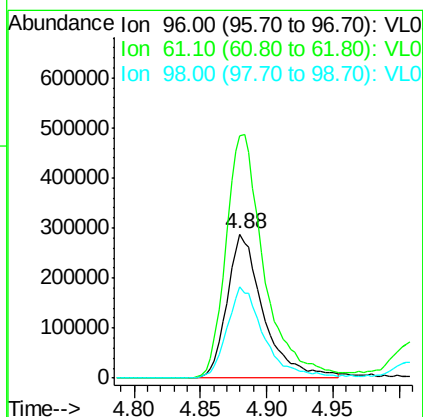
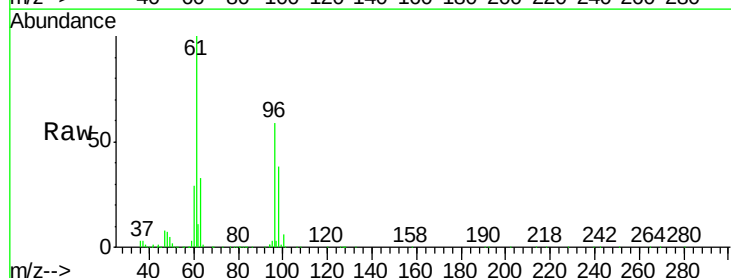
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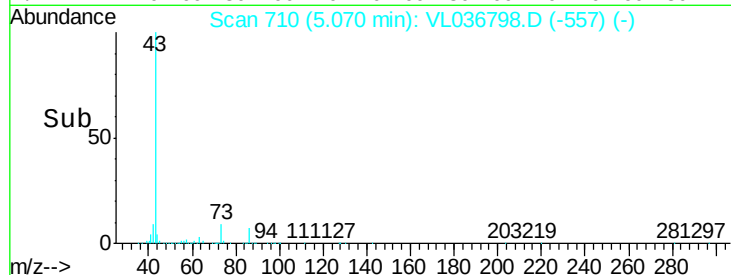
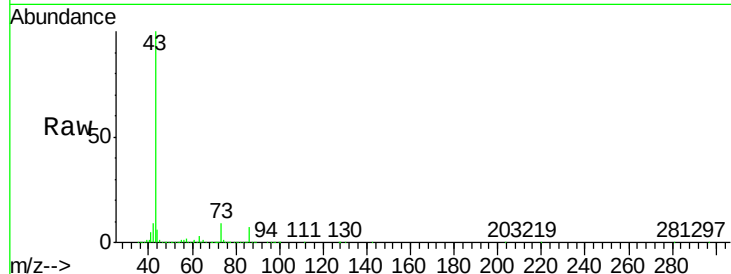
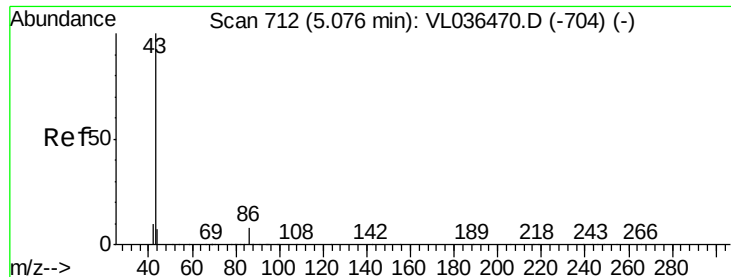
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#22
 trans-1,2-Dichloroethene
 Concen: 8.873 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: VL036798.D
 Acq: 13 Apr 2021 11:33

Tgt Ion: 96 Resp: 546448
 Ion Ratio Lower Upper
 96 100
 61 168.6 129.4 194.0
 98 63.4 48.2 72.4





#23

Vinyl Acetate

Concen: 8.614 ppbv

RT: 5.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 11:33

Tot Ion:

Ion Ratio

43 100

86 6.

42 9.

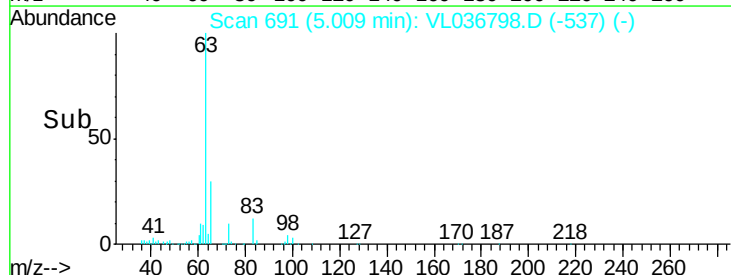
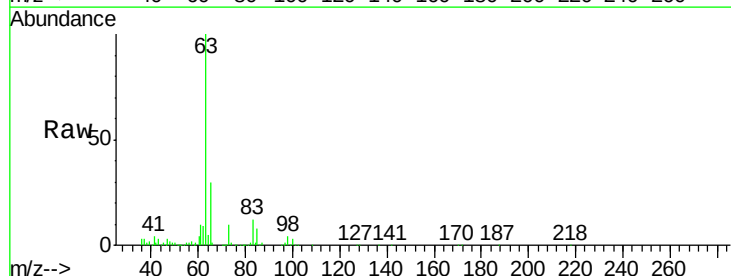
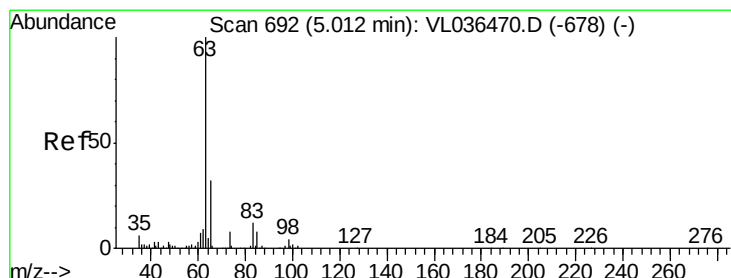
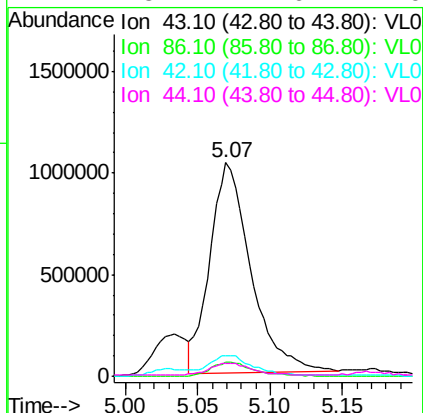
44 5.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#24

1,1-Dichloroethane

Concen: 8.717 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.00 min

Lab File: VL036798.D

Acq: 13 Apr 2021 11:33

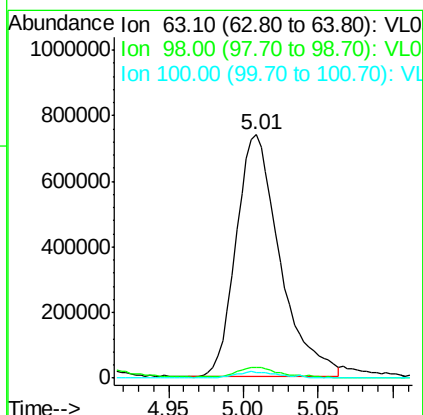
Tgt Ion: 63 Resp: 1503111

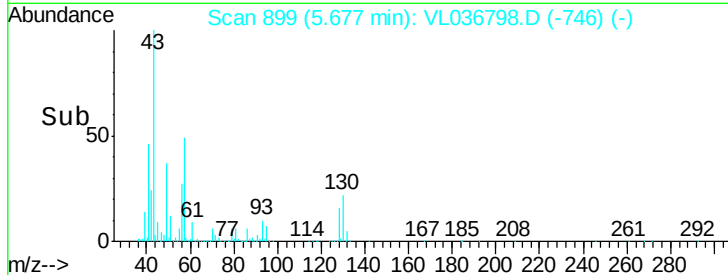
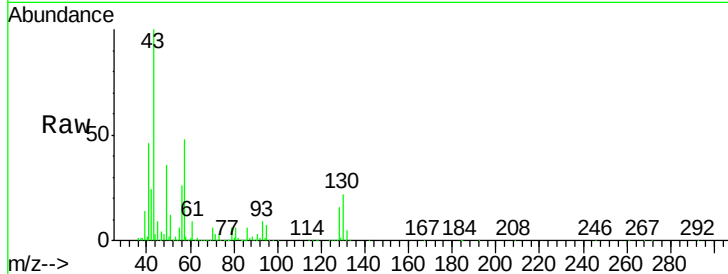
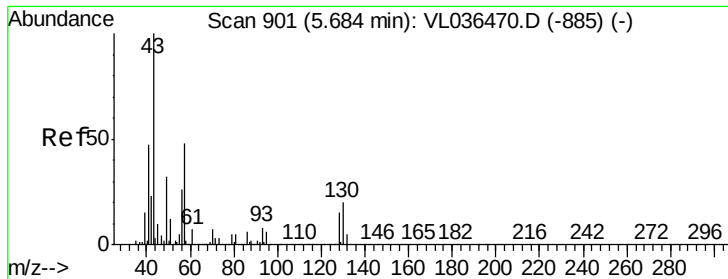
Ion Ratio Lower Upper

63 100

98 4.1 2.1 6.2

100 2.4 0.9 2.8



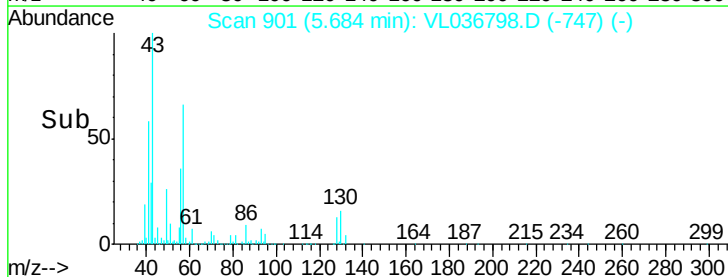
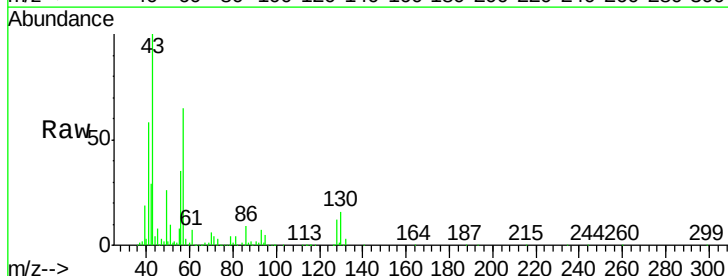
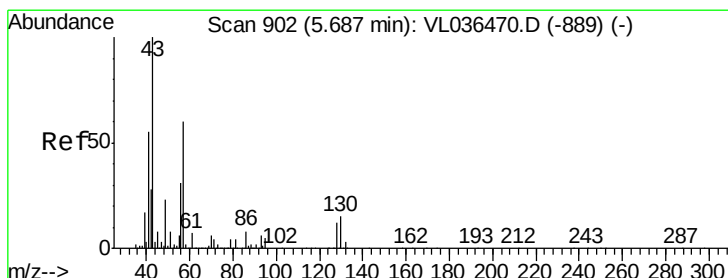
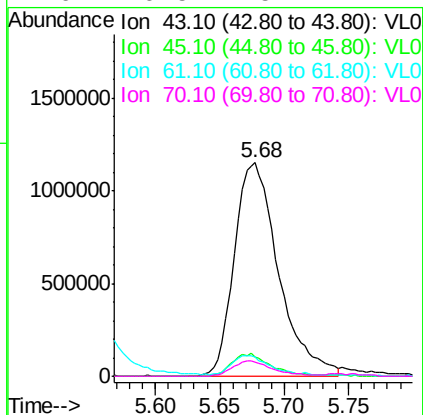


#25
Ethyl Acetate
Concen: 8.337 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0413ABS01
Acq: 13 Apr 2021 11:33

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.5 5.1 7.7

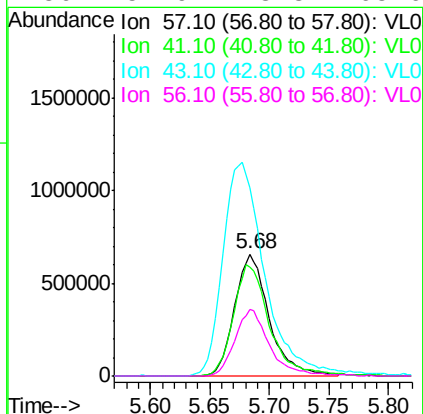
Manual Integrations
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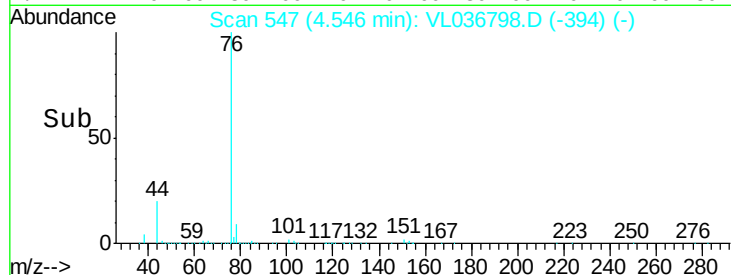
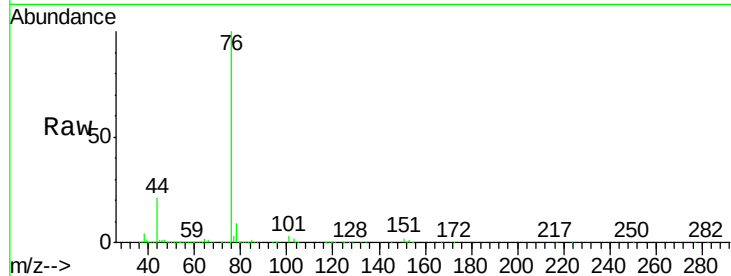
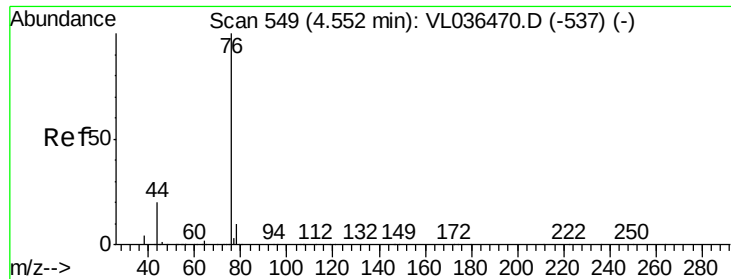
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#26
Hexane
Concen: 8.687 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: -0.00 min
Lab File: VL036798.D
Acq: 13 Apr 2021 11:33

Tgt Ion: 57 Resp: 1325492
Ion Ratio Lower Upper
57 100
41 96.0 77.2 115.8
43 213.7 173.8 260.6
56 54.9 43.8 65.6





#27

Carbon Disulfide

Concen: 9.433 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0413ABS01

Acq: 13 Apr 2021 11:33

Tot Ion:

Ion Ratio

76 100

44 20.

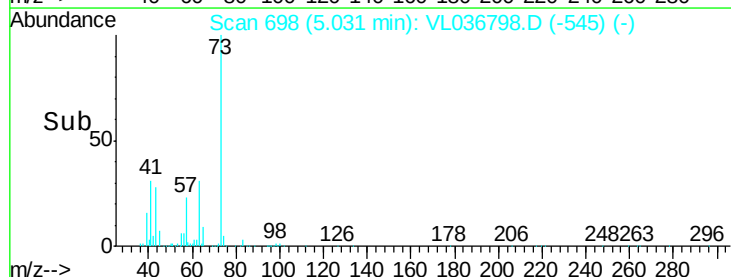
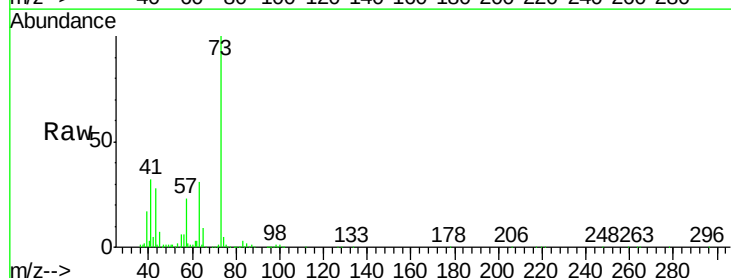
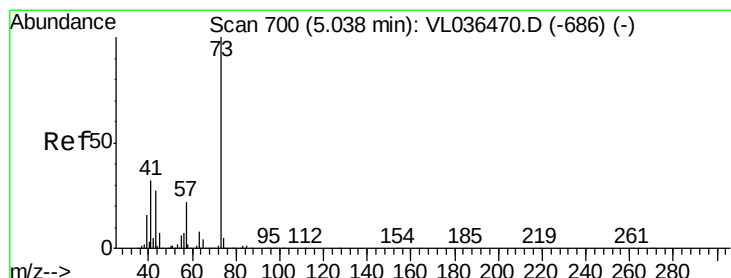
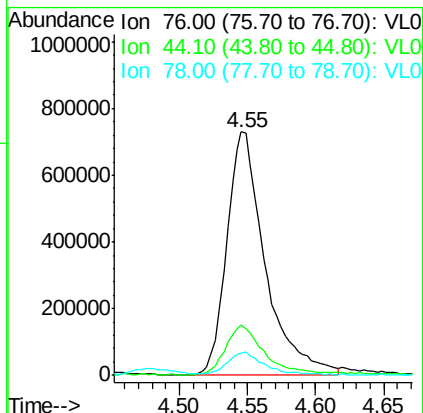
78 10.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#28

Methyl tert-Butyl Ether

Concen: 8.660 ppbv

RT: 5.03 min Scan# 698

Delta R.T. -0.01 min

Lab File: VL036798.D

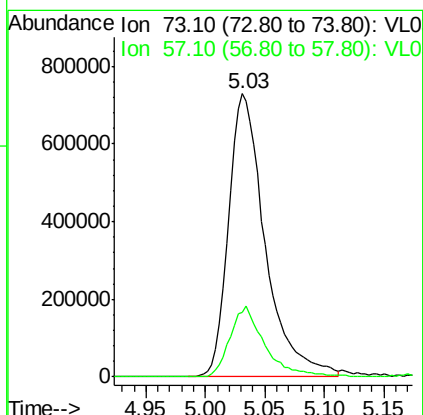
Acq: 13 Apr 2021 11:33

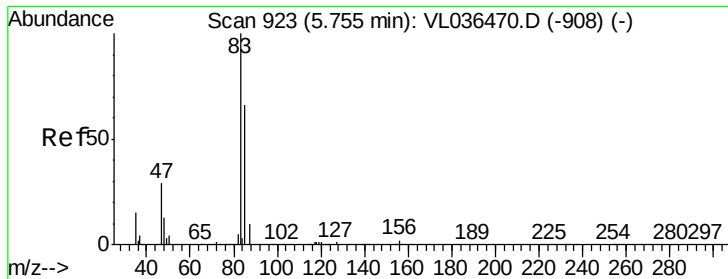
Tgt Ion: 73 Resp: 1558334

Ion Ratio Lower Upper

73 100

57 23.9 18.5 27.7



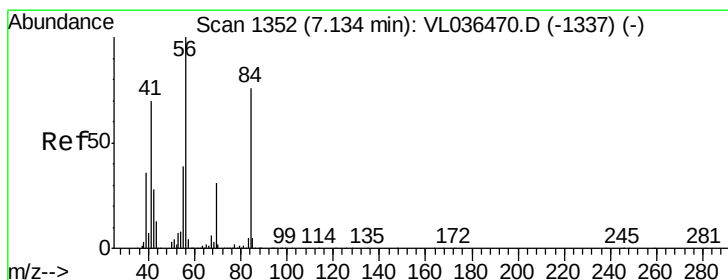
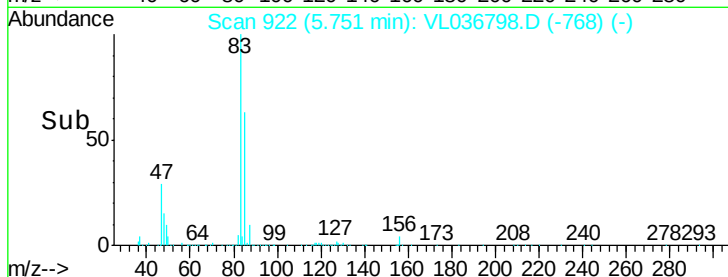
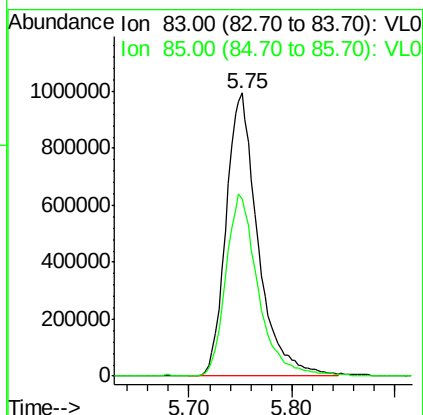
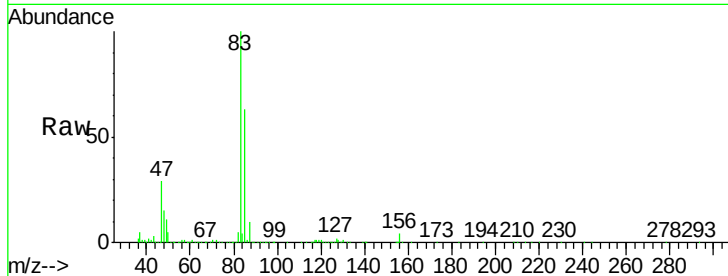


#29
Chloroform
Concen: 8.758 ppbv
RT: 5.75
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL0413ABS01
Acq: 13 Apr 2021 11:33

Tot Ion:
Ion Ratio
83 100
85 62.

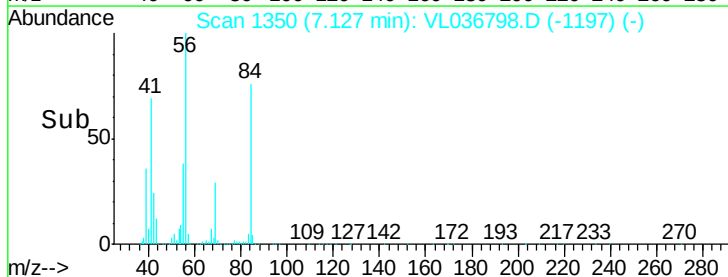
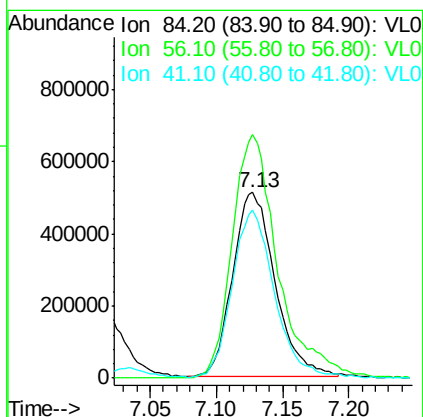
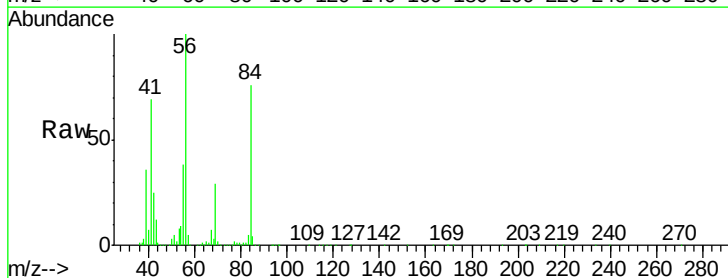
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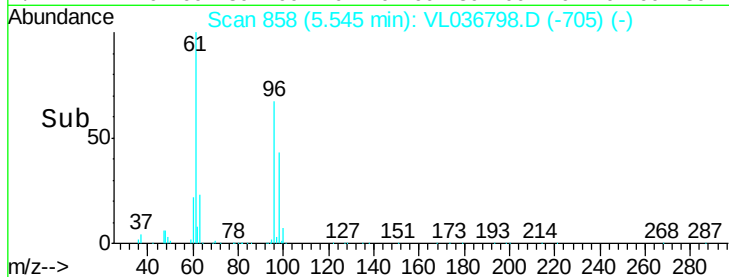
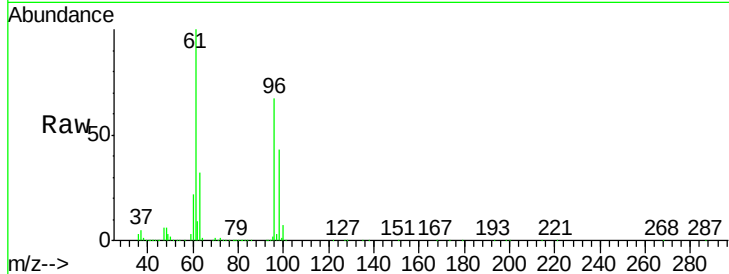
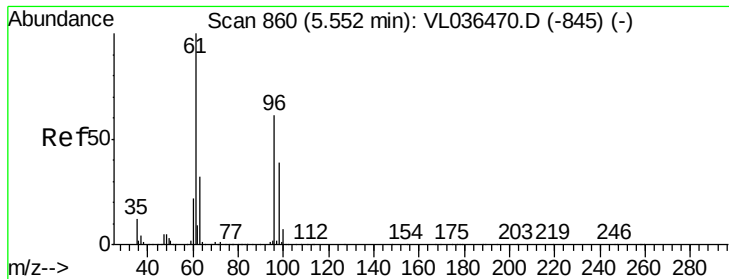
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#30
Cyclohexane
Concen: 9.207 ppbv
RT: 7.13 min Scan# 1350
Delta R.T.: -0.01 min
Lab File: VL036798.D
Acq: 13 Apr 2021 11:33

Tgt Ion: 84 Resp: 1139427
Ion Ratio Lower Upper
84 100
56 143.2 114.6 171.8
41 91.4 75.3 112.9





#31

cis-1,2-Dichloroethene

Concen: 8.910 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 11:33 VL0413ABS01

Tot Ion:

Ion Ratio

61 100

96 66.

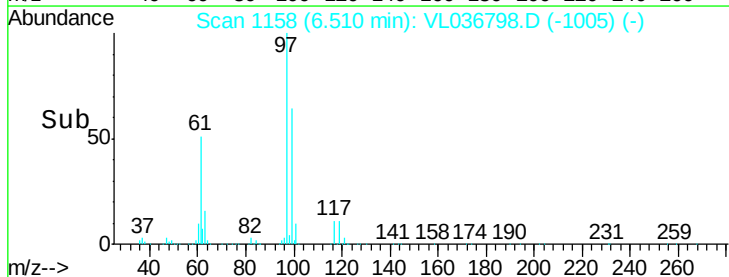
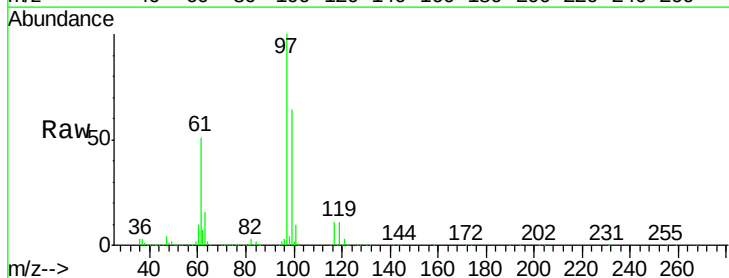
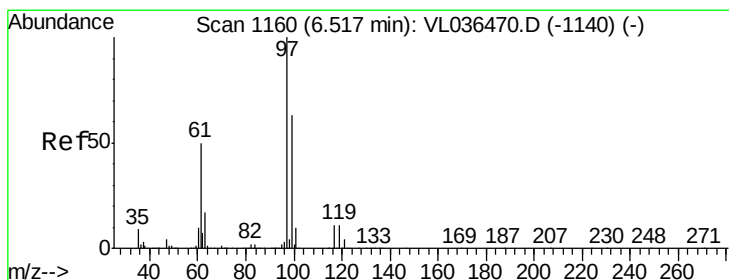
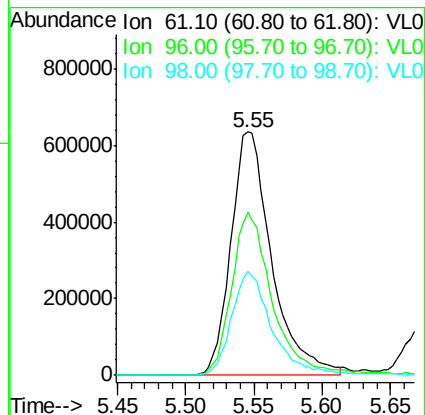
98 43.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#32

1,1,1-Trichloroethane

Concen: 8.752 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VL036798.D

Acq: 13 Apr 2021 11:33

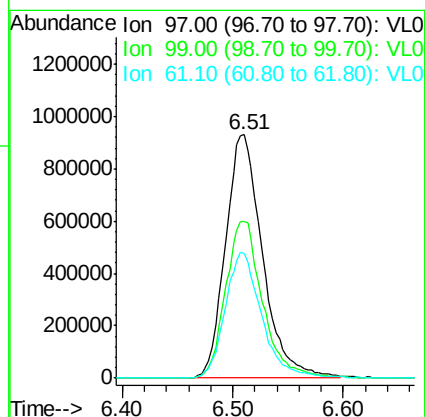
Tgt Ion: 97 Resp: 2152525

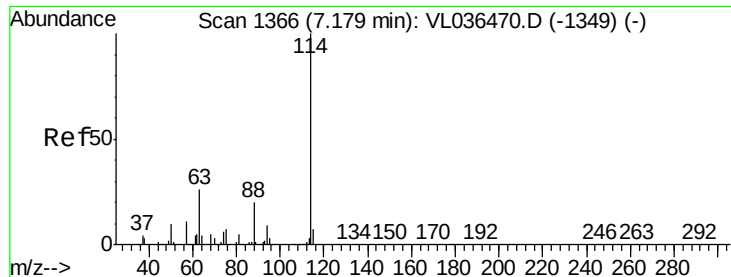
Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

61 51.6 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Instrument: MSVOA_L

Delta R.T.:

Client SampleId: VL0413ABS01

Lab File: VL0413ABS01

Acq: 13 Apr 2021 11:33

Tot Ion: 1

Ion Ratio

114 100

63 27.

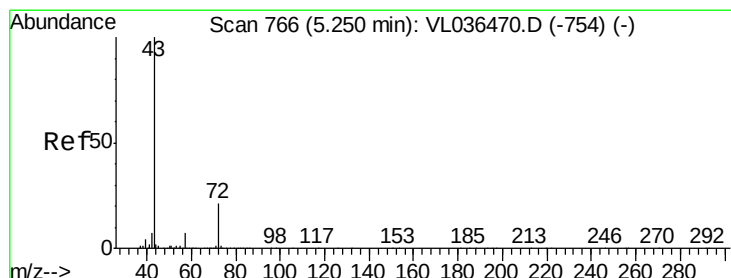
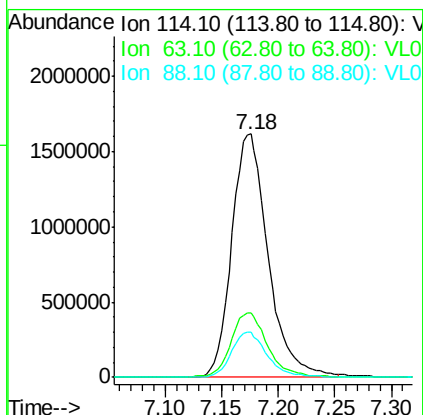
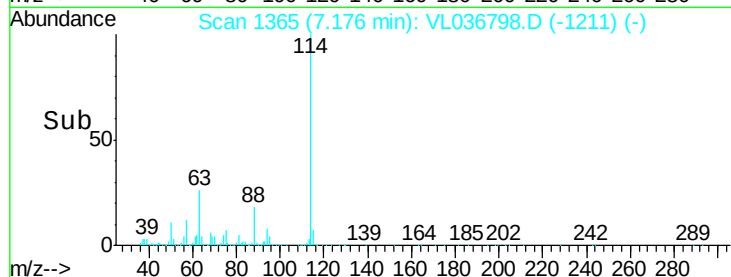
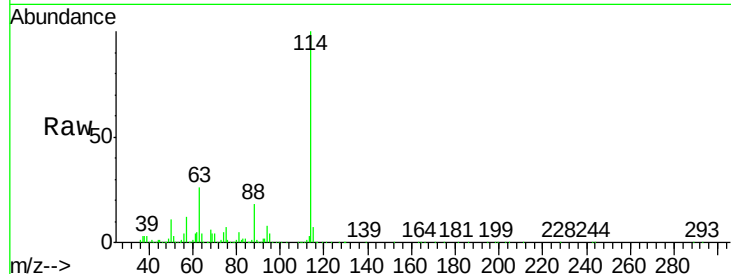
88 18.

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2021

Supervised By : Mahesh Dadoda 04/14/2021



#34

2-Butanone

Concen: 7.495 ppbv

RT: 5.24 min Scan# 764

Delta R.T. -0.01 min

Lab File: VL036798.D

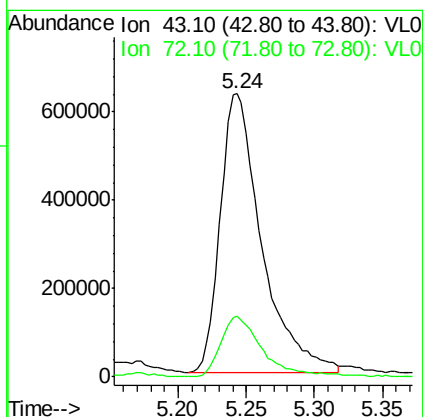
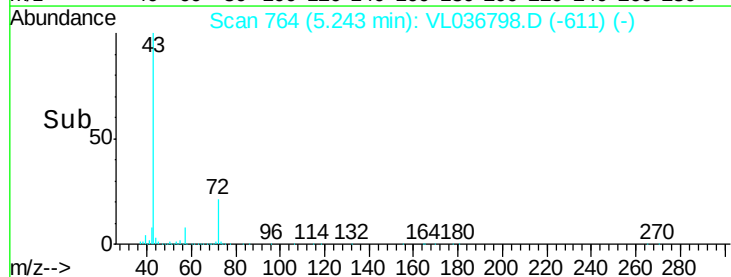
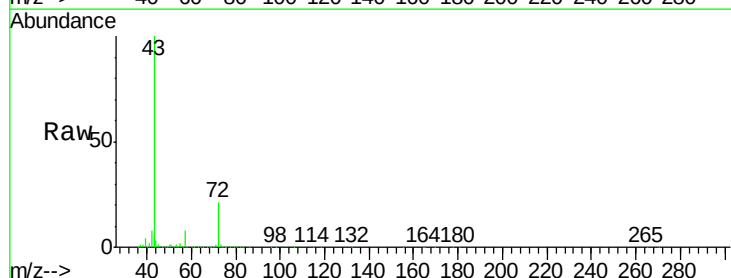
Acq: 13 Apr 2021 11:33

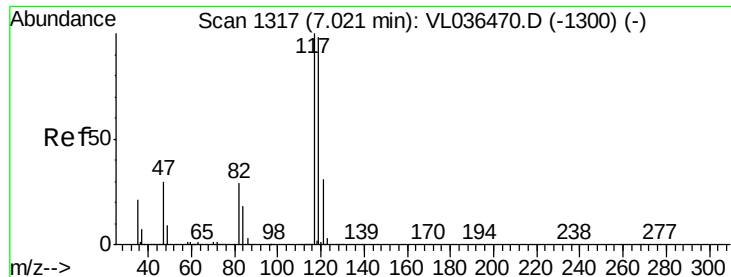
Tgt Ion: 43 Resp: 1325557

Ion Ratio Lower Upper

43 100

72 22.2 17.0 25.6



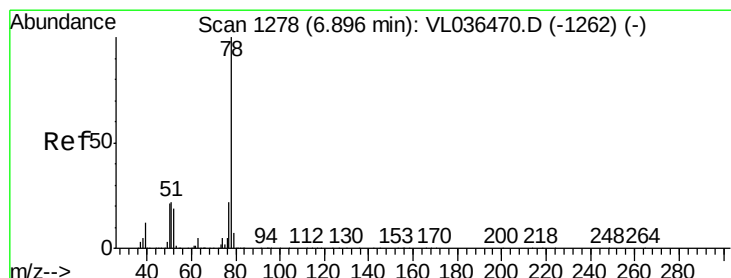
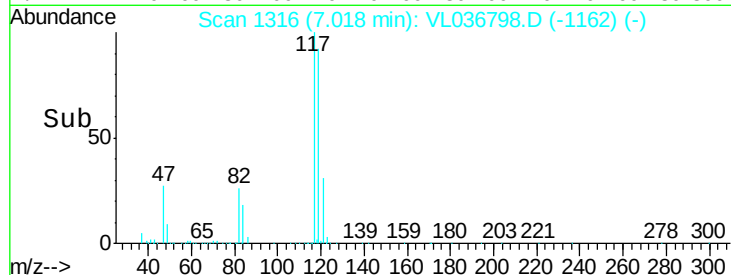
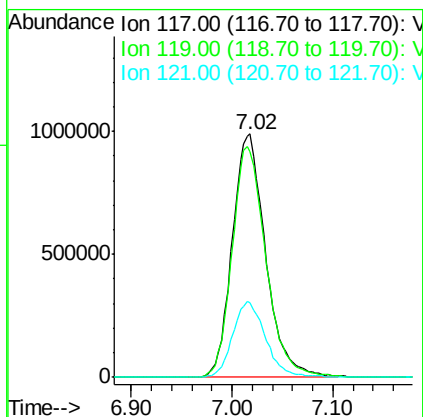
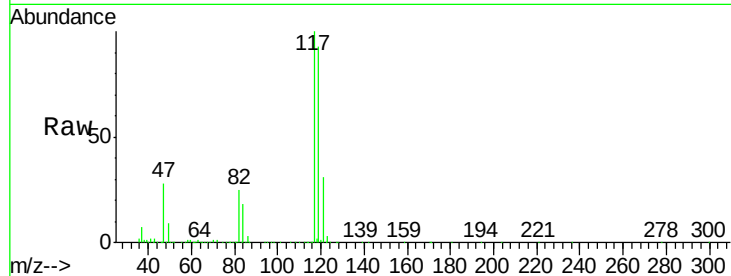


#35
Carbon Tetrachloride
Concen: 8.178 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0413ABS01
Acq: 13 Apr 2021 11:33

Tot Ion:1
Ion Rati
117 100
119 92.
121 30.

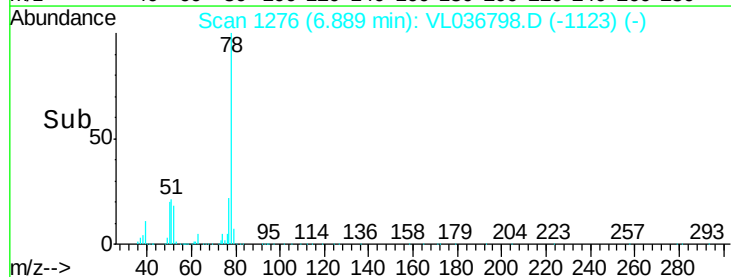
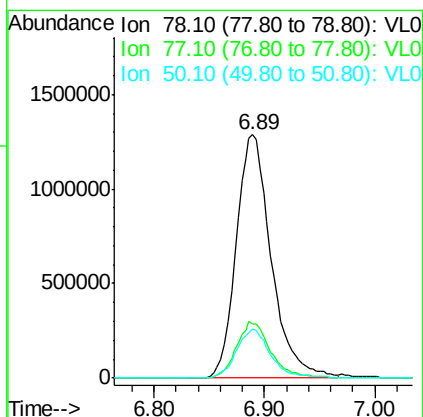
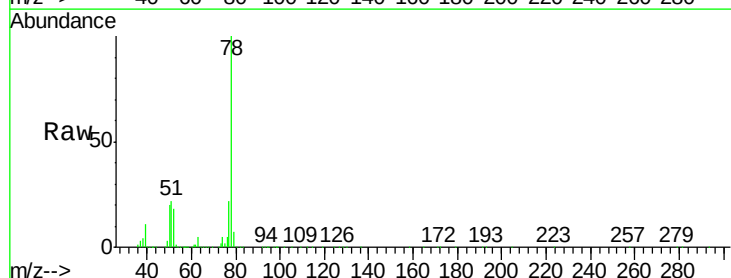
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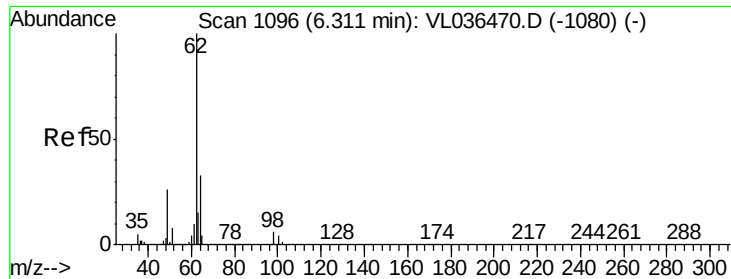
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#36
Benzene
Concen: 8.456 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL036798.D
Acq: 13 Apr 2021 11:33

Tgt Ion: 78 Resp: 2825665
Ion Ratio Lower Upper
78 100
77 22.1 18.0 27.0
50 20.1 16.5 24.7



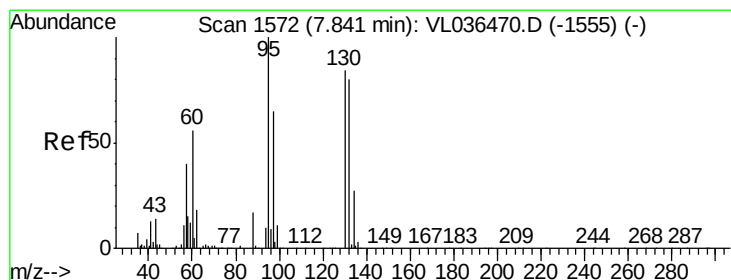
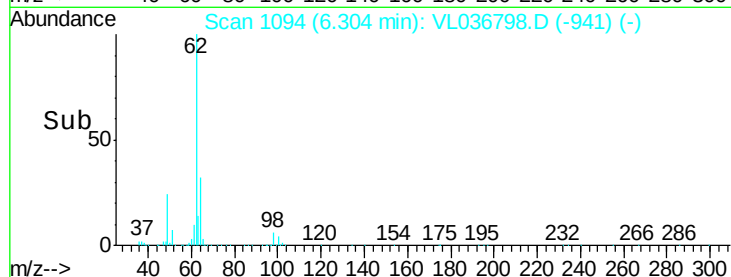
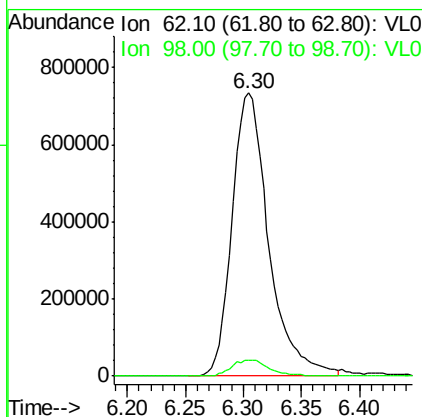
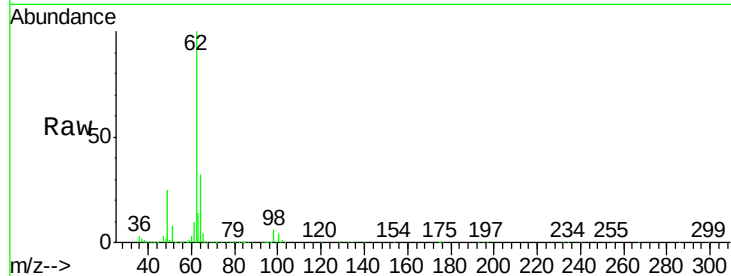


#37
 1,2-Dichloroethane
 Concen: 8.181 ppbv
 RT: 6.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0413ABS01
 Acq: 13 Apr 2021 11:33

Tot Ion:
 Ion Ratio
 62 100
 98 6.

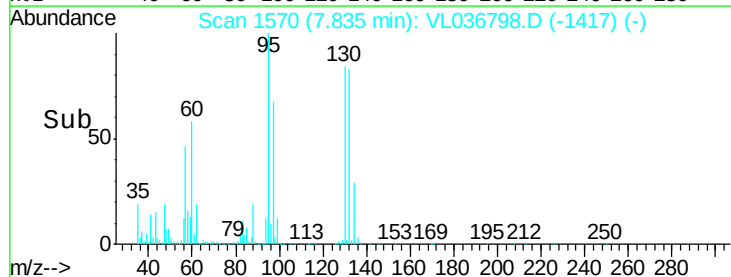
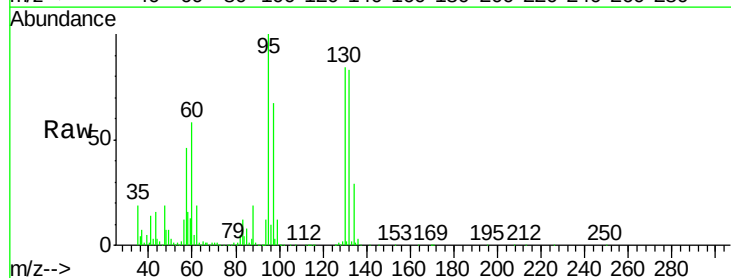
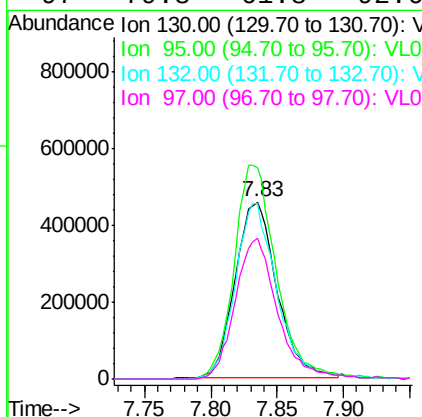
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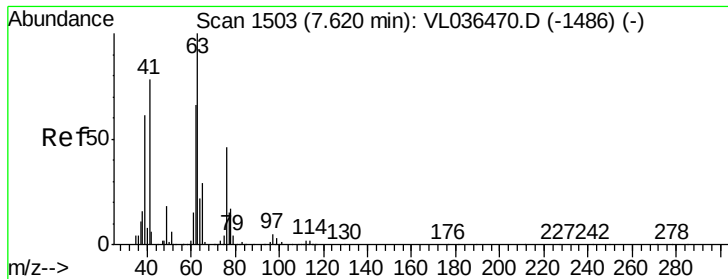
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#38
 Trichloroethene
 Concen: 7.752 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL036798.D
 Acq: 13 Apr 2021 11:33

Tgt Ion:130 Resp: 1008113
 Ion Ratio Lower Upper
 130 100
 95 119.5 95.7 143.5
 132 99.1 76.2 114.4
 97 79.8 61.8 92.6



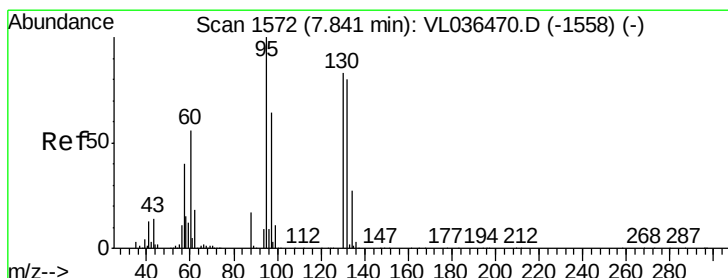
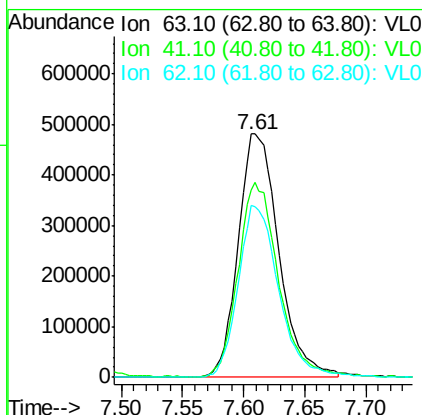
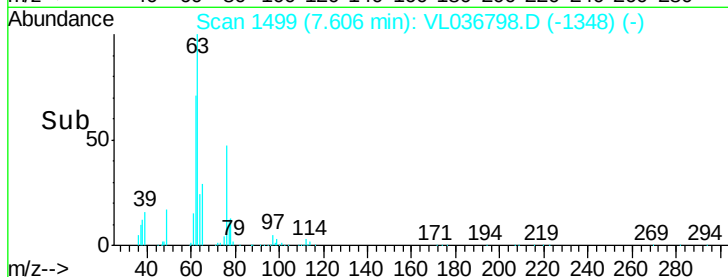
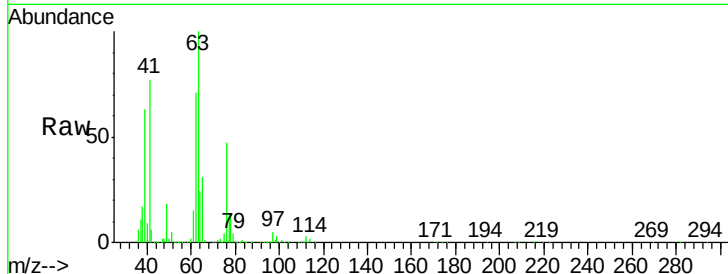


#39
 1,2-Dichloropropane
 Concen: 8.169 ppbv
 RT: 7.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0413ABS01
 Acq: 13 Apr 2021 11:33

Tot Ion:
 Ion Ratio
 63 100
 41 76.
 62 70.

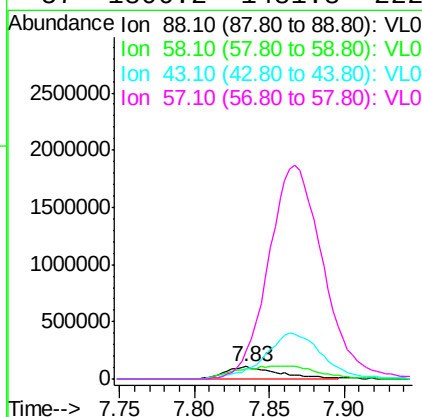
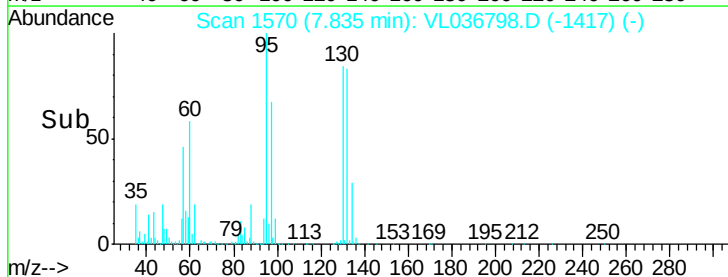
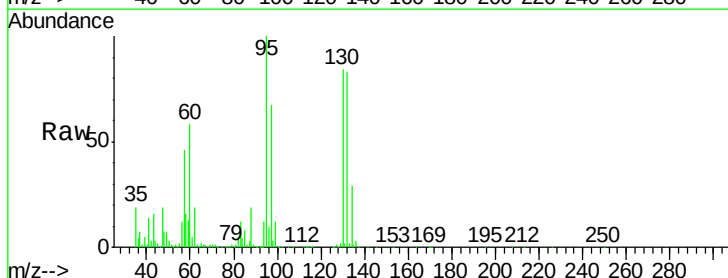
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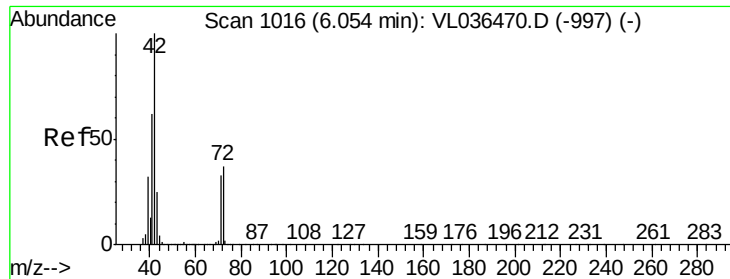
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#40
 1,4-Dioxane
 Concen: 8.397 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL036798.D
 Acq: 13 Apr 2021 11:33

Tgt Ion: 88 Resp: 264924
 Ion Ratio Lower Upper
 88 100
 58 166.7 134.1 201.1
 43 407.4 346.6 520.0
 57 1806.2 1481.8 2222.8



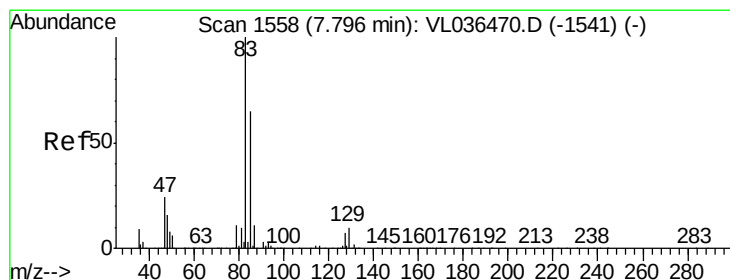
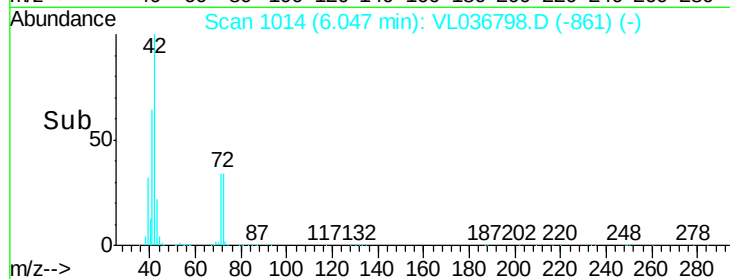
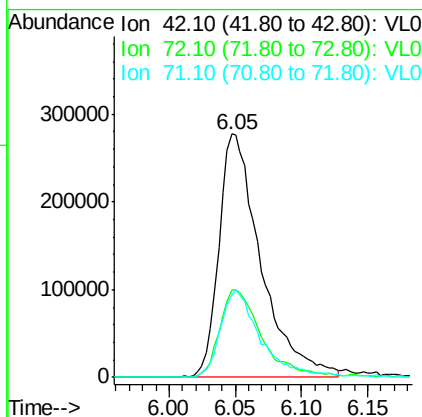
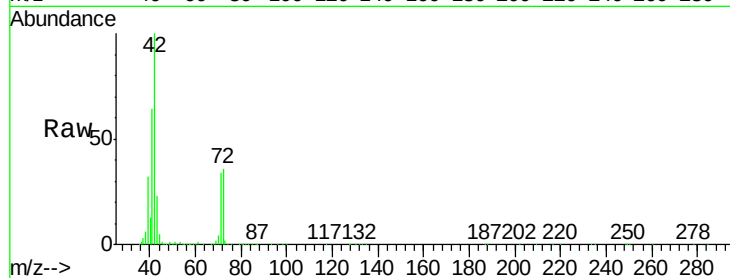


#41
Tetrahydrofuran
Concen: 7.451 ppbv
RT: 6.05
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 13 Apr 2021 11:33

Tot Ion:
Ion Ratio
42 100
72 37.
71 35.

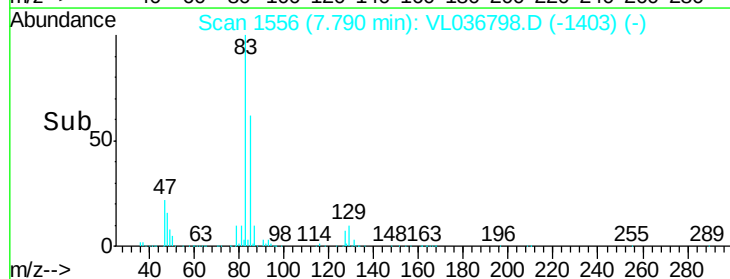
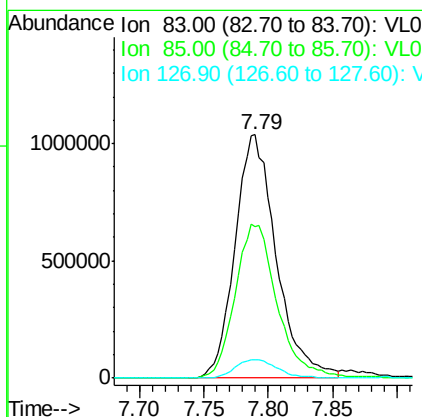
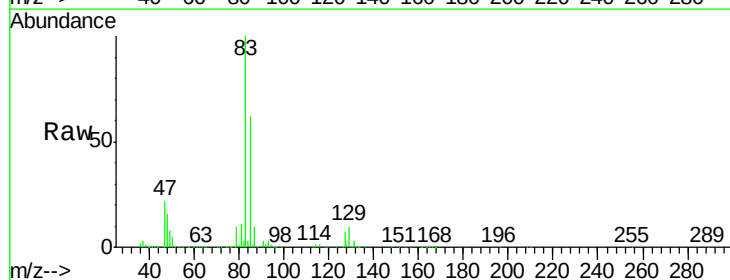
Manual Integrations
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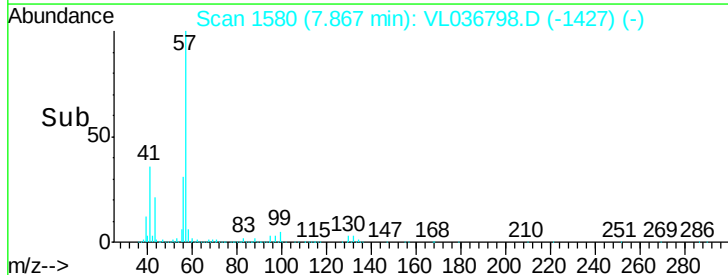
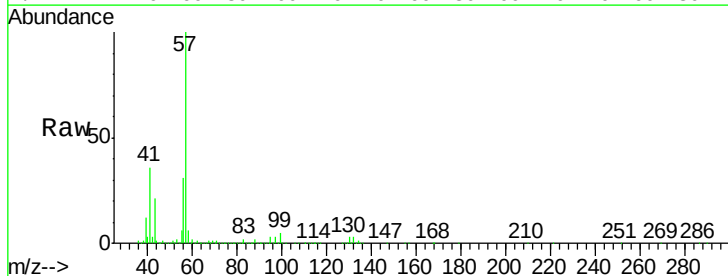
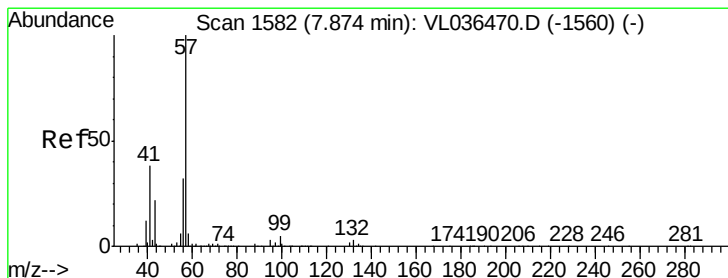
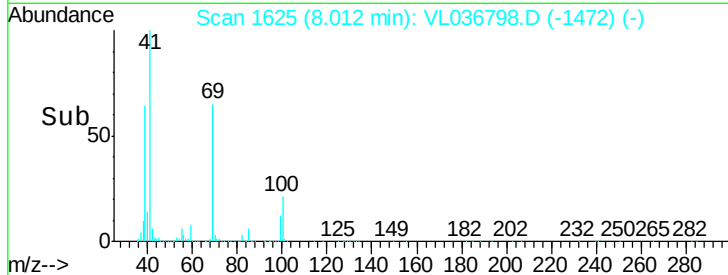
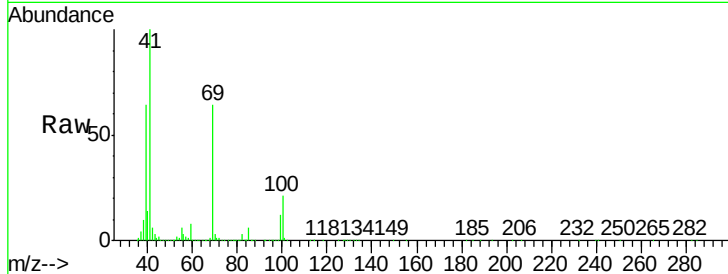
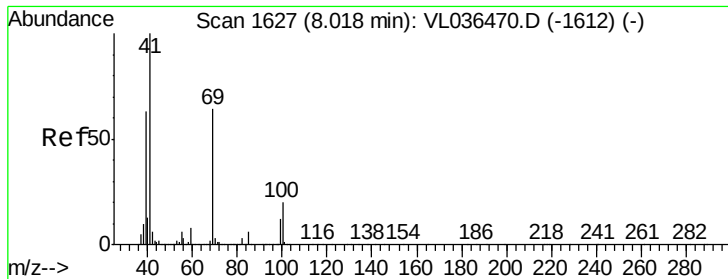
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#42
Bromodichloromethane
Concen: 8.632 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VL036798.D
Acq: 13 Apr 2021 11:33

Tgt Ion: 83 Resp: 2309383
Ion Ratio Lower Upper
83 100
85 62.1 51.8 77.6
127 7.4 5.8 8.8





#43

Methyl Methacrylate

Concen: 9.424 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id: VL0413ABS01

Lab File: VL0413ABS01

Acq: 13 Apr 2021 11:33

Tot Ion: 69.10 (68.80 to 69.80): VL0

Ion Ratio: 41.10 (40.80 to 41.80): VL0

69 100

41 153.

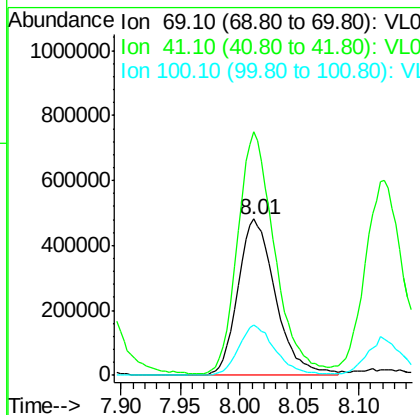
100 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#44

2,2,4-Trimethylpentane

Concen: 8.126 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VL036798.D

Acq: 13 Apr 2021 11:33

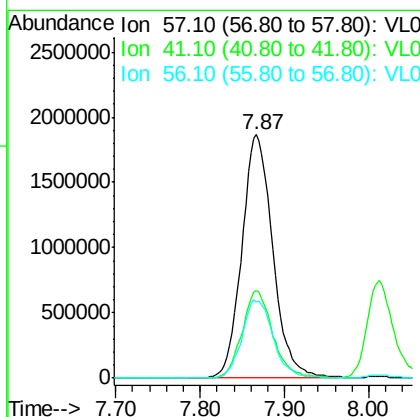
Tgt Ion: 57 Resp: 4779067

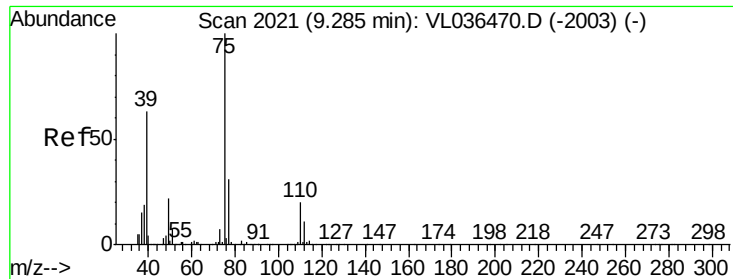
Ion Ratio Lower Upper

57 100

41 35.5 28.8 43.2

56 32.3 26.1 39.1





#45

t-1,3-Dichloropropene

Concen: 7.143 ppbv m

RT: 9.28 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0413ABS01

Acq: 13 Apr 2021 11:33

Tot Ion:

Ion Ratio

75 100

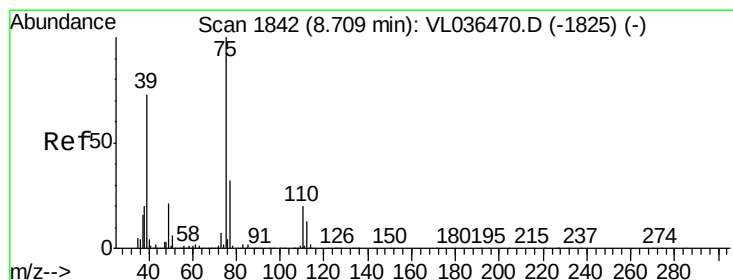
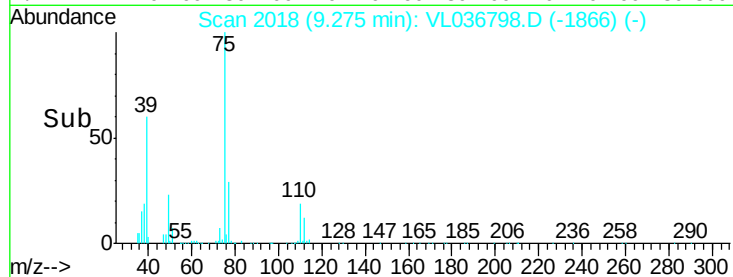
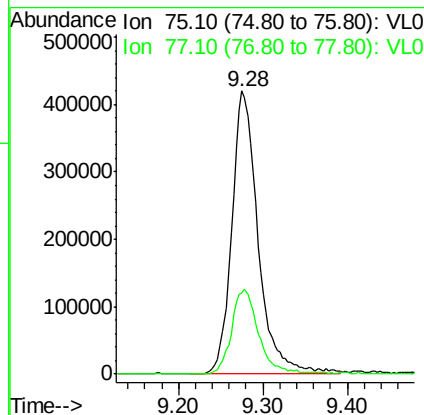
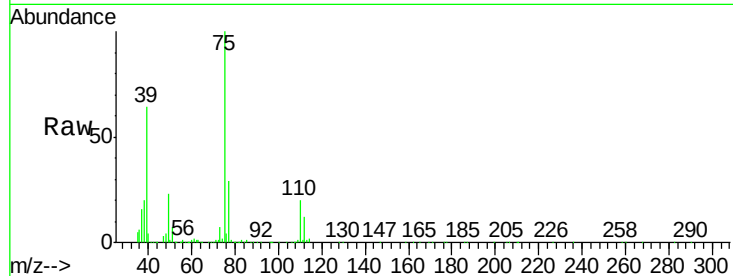
77 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#46

cis-1,3-Dichloropropene

Concen: 7.217 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VL036798.D

Acq: 13 Apr 2021 11:33

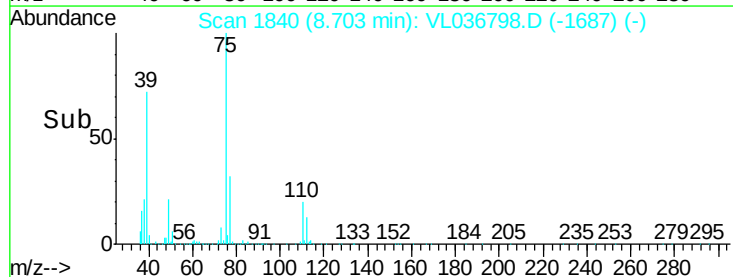
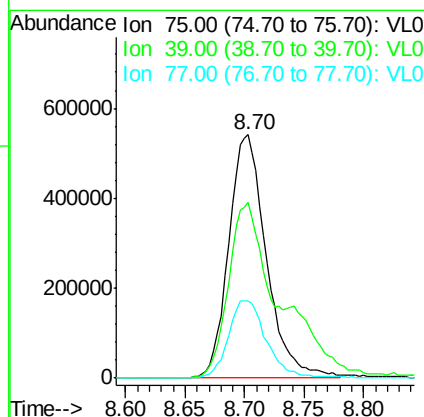
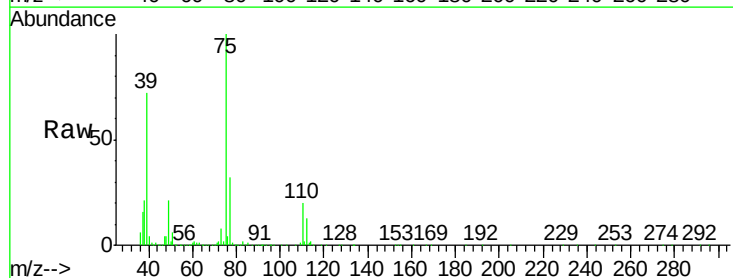
Tgt Ion: 75 Resp: 1182039

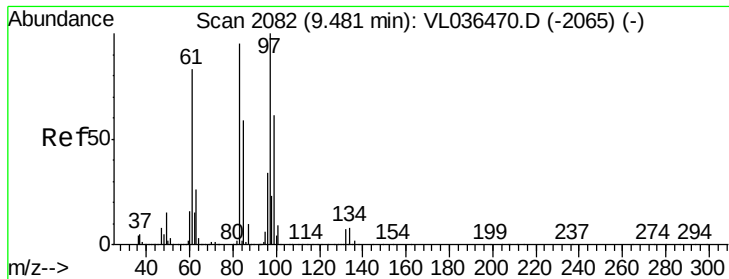
Ion Ratio Lower Upper

75 100

39 71.7 58.2 87.2

77 31.7 25.2 37.8



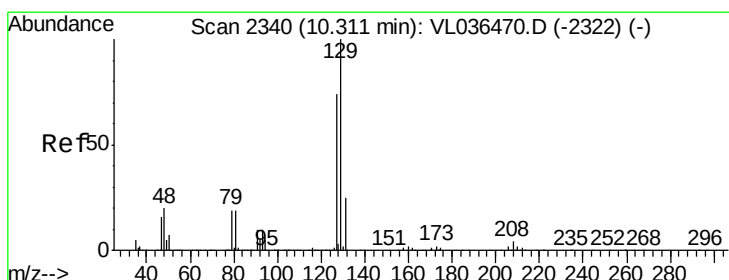
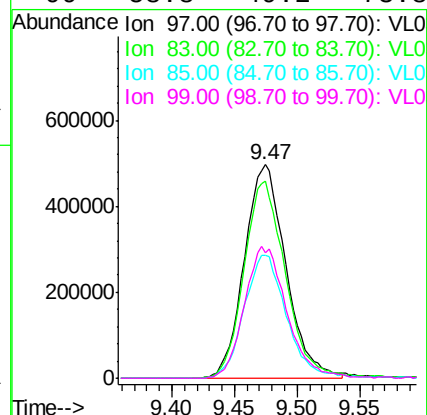
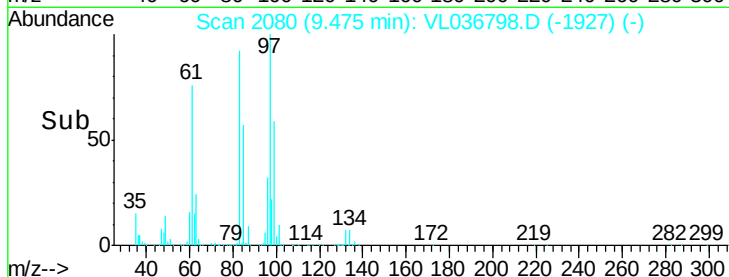
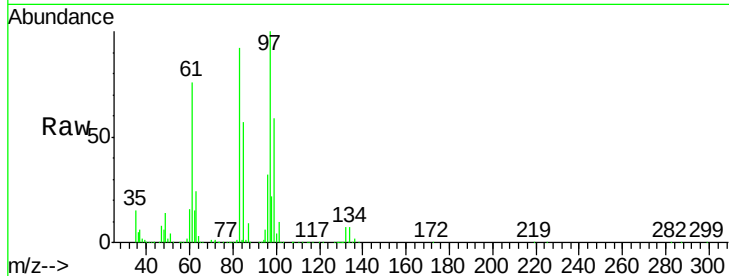


#47
 1,1,2-Trichloroethane
 Concen: 8.347 ppbv
 RT: 9.47
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 13 Apr 2021 11:33

Manual Integrations
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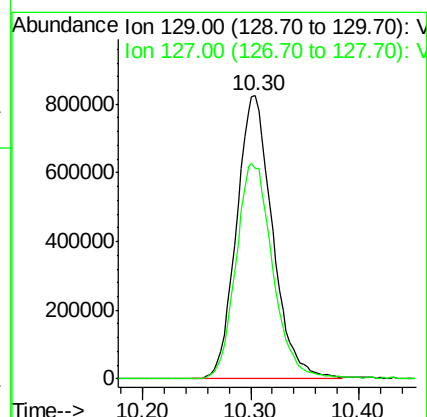
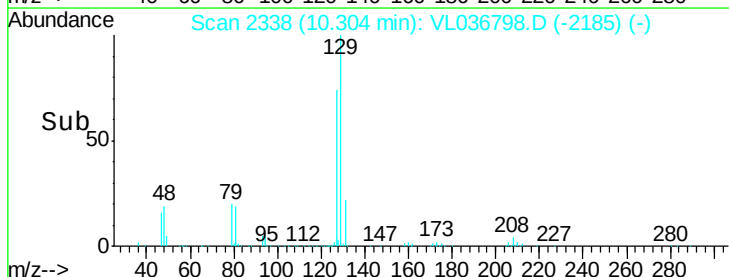
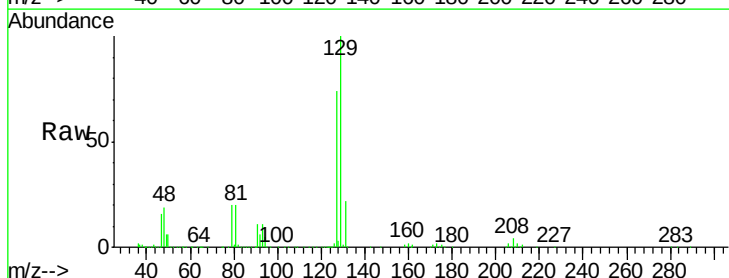
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021

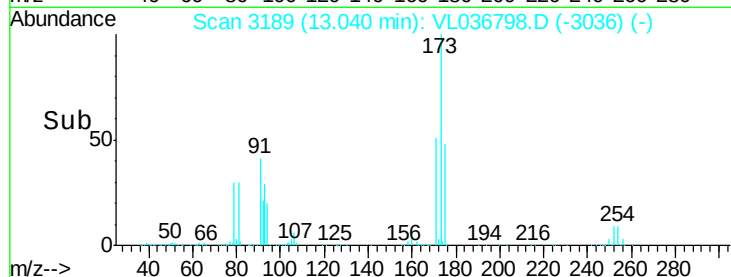
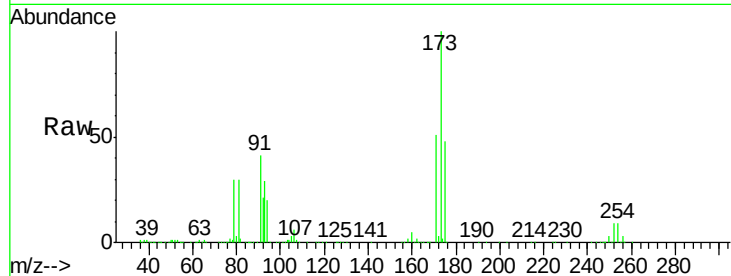
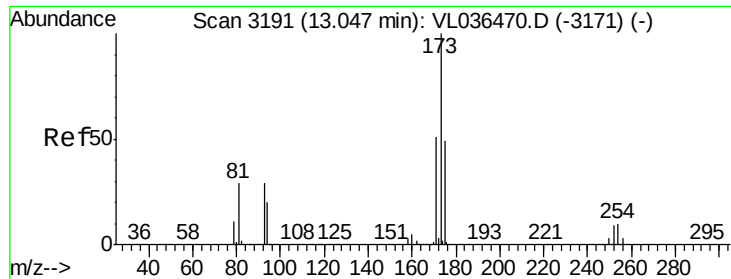
Tot Ion:
 Ion Ratio
 97 100
 83 91.
 85 57.
 99 58.8 49.2 73.8



#48
 Dibromochloromethane
 Concen: 9.171 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: VL036798.D
 Acq: 13 Apr 2021 11:33

Tgt Ion:129 Resp: 1919500
 Ion Ratio Lower Upper
 129 100
 127 78.5 39.6 118.8





#49

Bromoform

Concen: 9.254 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 13 Apr 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021

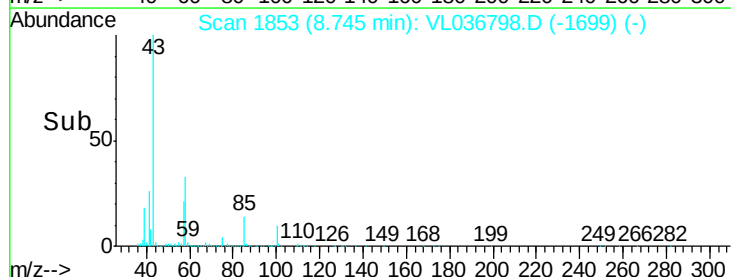
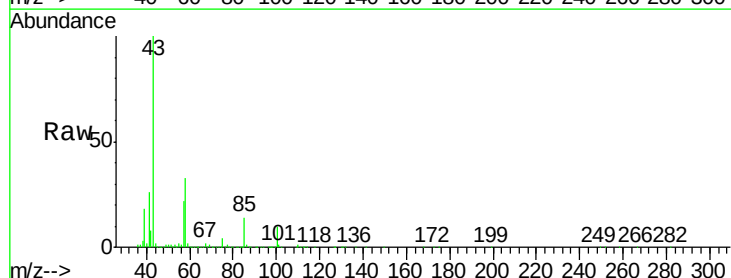
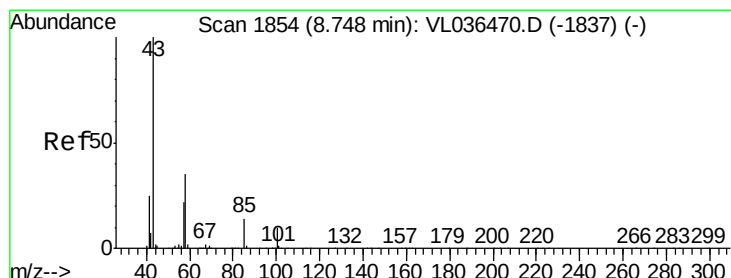
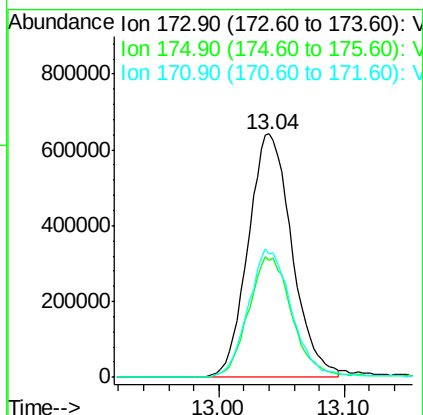
Tot Ion:1

Ion Ratio

173 100

175 50.

171 52.



#50

4-Methyl-2-Pentanone

Concen: 7.770 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VL036798.D

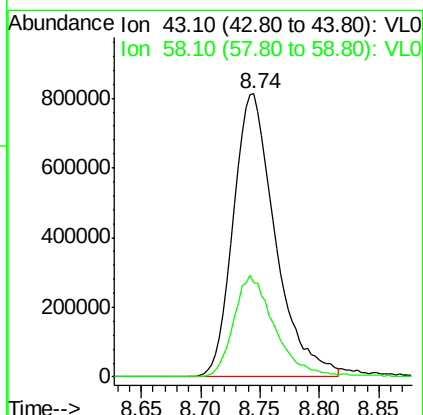
Acq: 13 Apr 2021 11:33

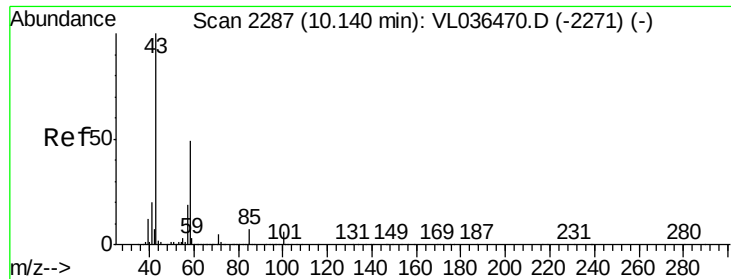
Tgt Ion: 43 Resp: 1988488

Ion Ratio Lower Upper

43 100

58 35.5 28.2 42.2





#51

2-Hexanone

Concen: 7.919 ppbv

RT: 10.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Apr 2021 11:33

Tot Ion:

Ion Ratio

43 100

58 48.

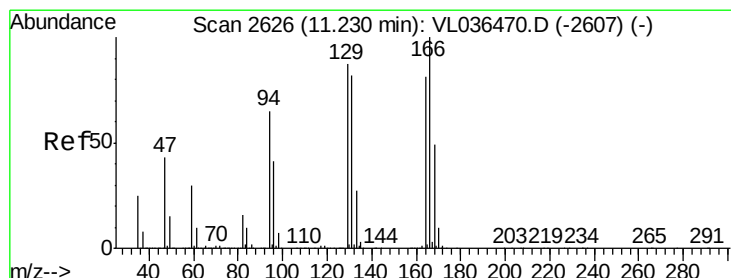
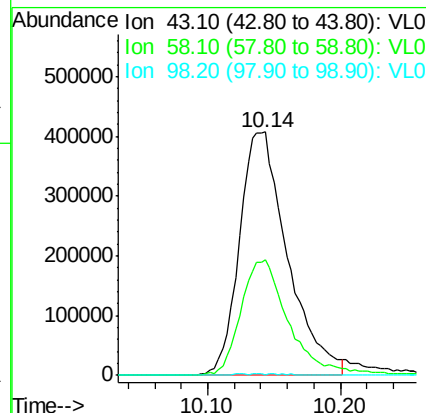
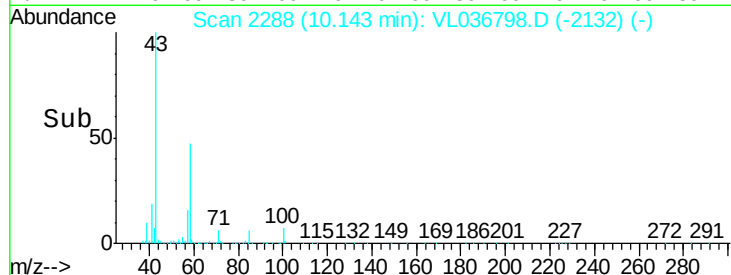
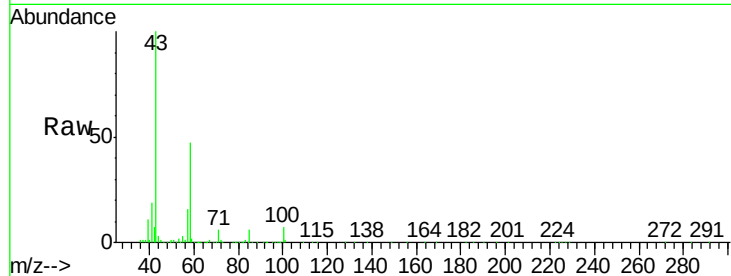
98 1.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#52

Tetrachloroethene

Concen: 7.824 ppbv

RT: 11.22 min Scan# 2624

Delta R.T. -0.01 min

Lab File: VL036798.D

Acq: 13 Apr 2021 11:33

Tgt Ion:164 Resp: 962754

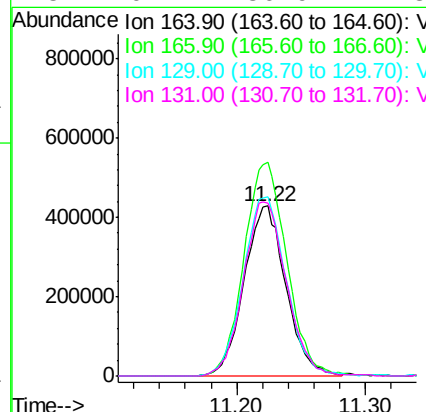
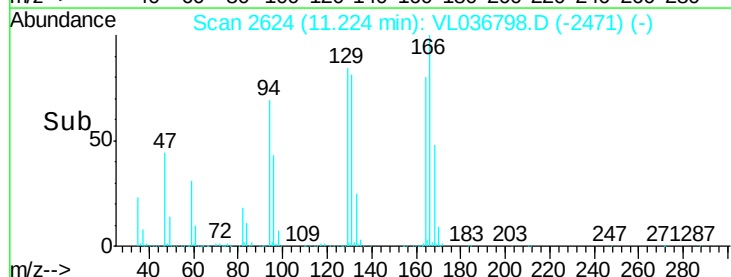
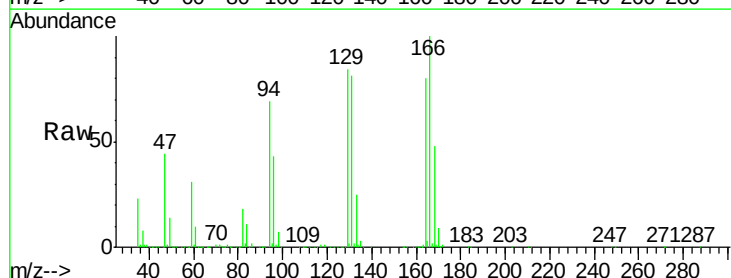
Ion Ratio Lower Upper

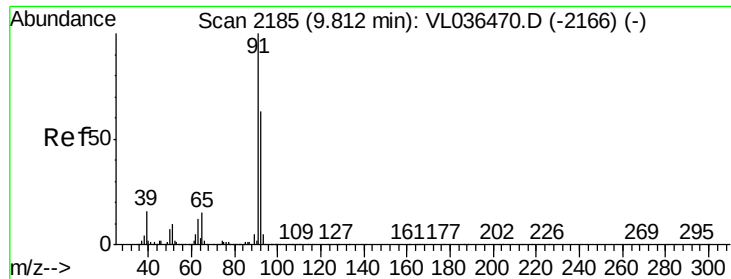
164 100

166 125.5 98.3 147.5

129 104.9 85.8 128.8

131 101.4 80.9 121.3





#53

Toluene

Concen: 8.922 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 11:33

Tot Ion:

Ion Ratio

91 100

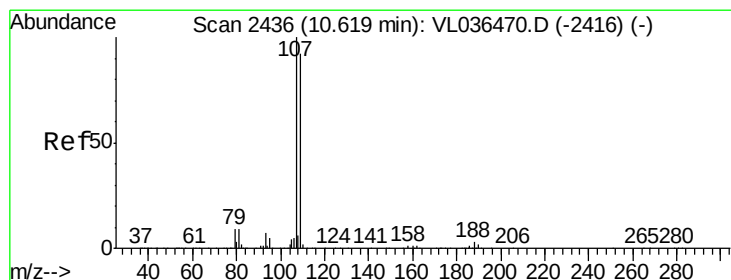
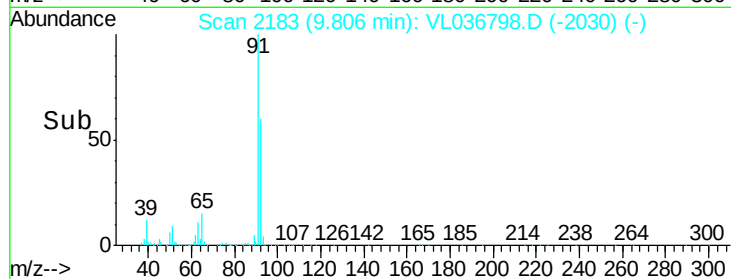
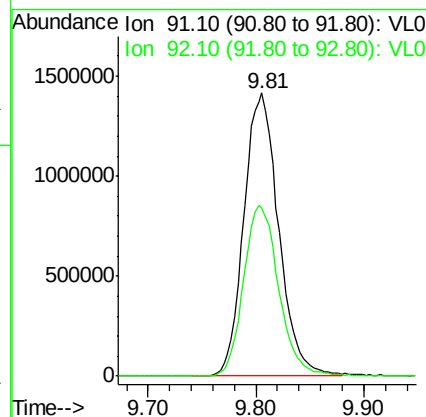
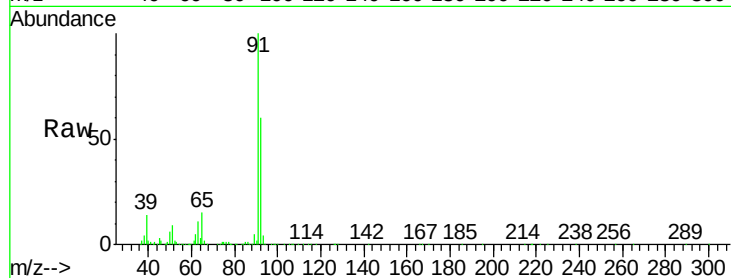
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#54

1,2-Dibromoethane

Concen: 8.491 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.01 min

Lab File: VL036798.D

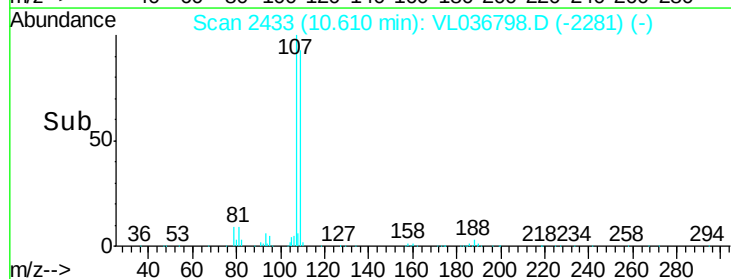
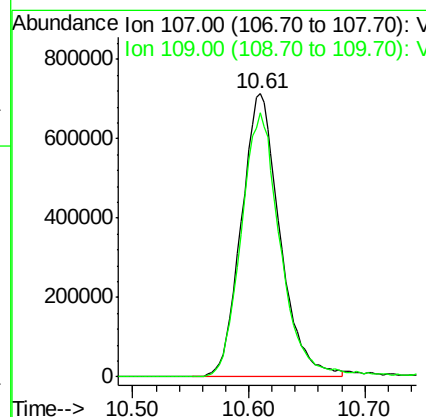
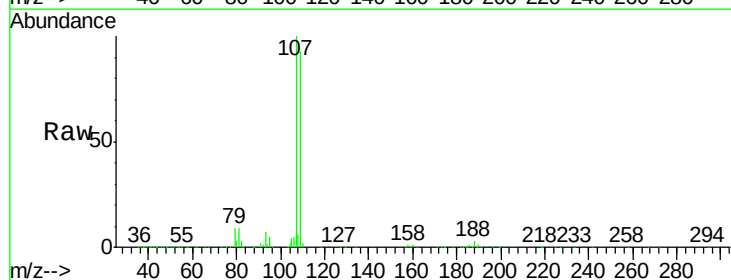
Acq: 13 Apr 2021 11:33

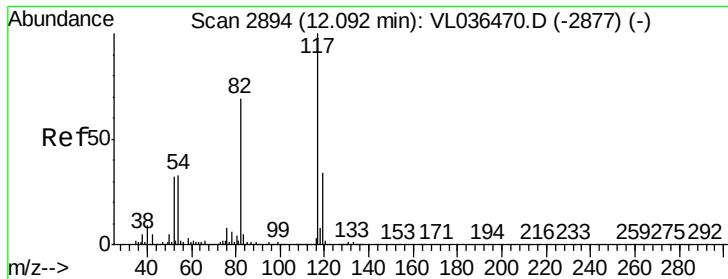
Tgt Ion:107 Resp: 1646332

Ion Ratio Lower Upper

107 100

109 93.1 73.9 110.9



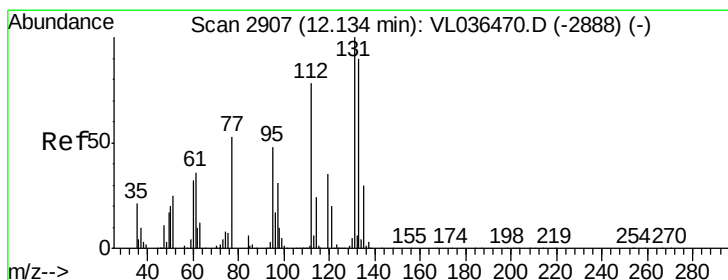
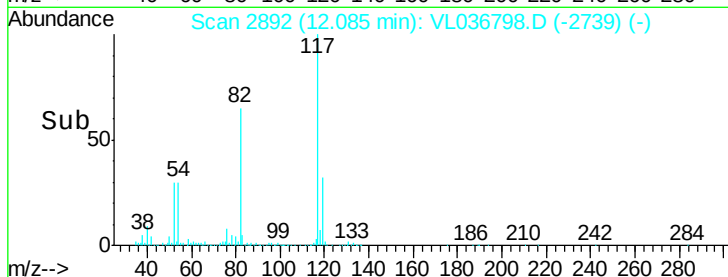
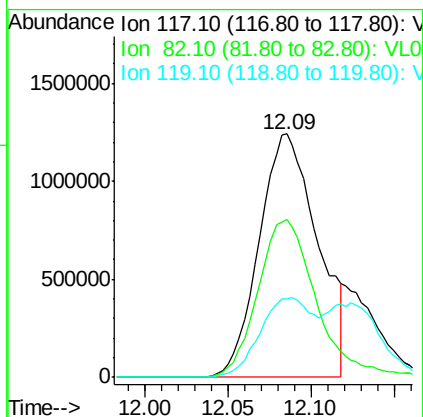
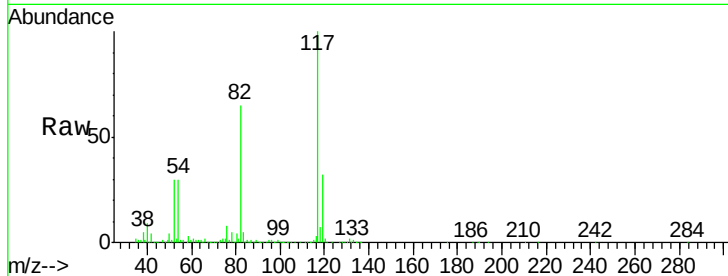


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampled :
Acq: 13 Apr 2021 11:33

Tot Ion:1
Ion Rati
117 100
82 65.
119 31.

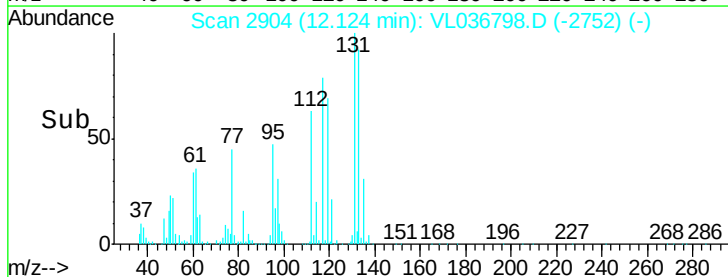
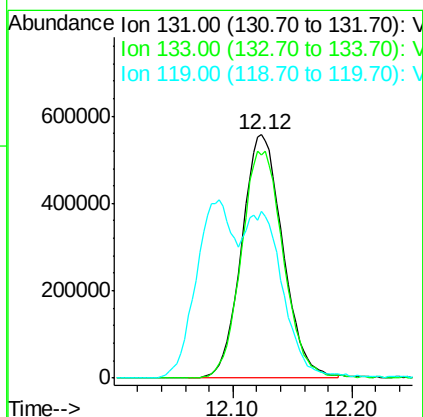
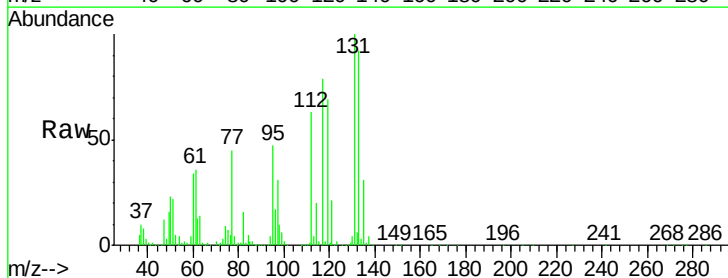
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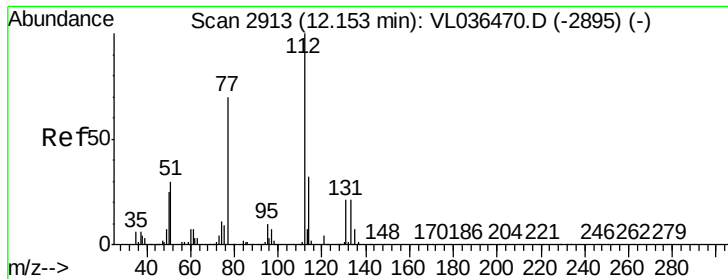
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.710 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL036798.D
Acq: 13 Apr 2021 11:33

Tgt Ion:131 Resp: 1332004
Ion Ratio Lower Upper
131 100
133 95.5 75.8 113.6
119 133.4 48.7 73.1#





#57

Chlorobenzene

Concen: 9.126 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Apr 2021 11:33

Tot Ion:1

Ion Rati

112 100

77 70.

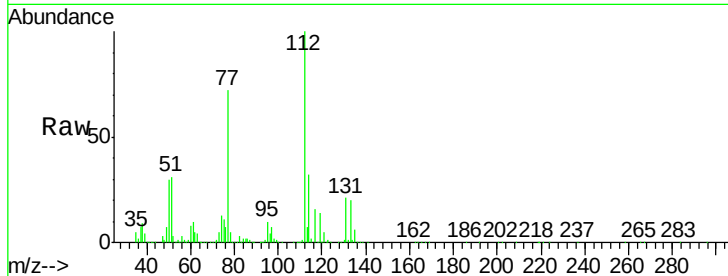
114 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2021

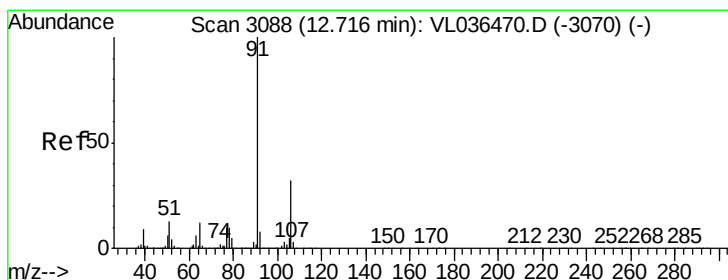
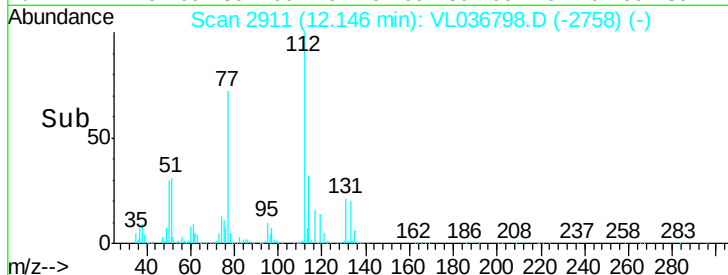
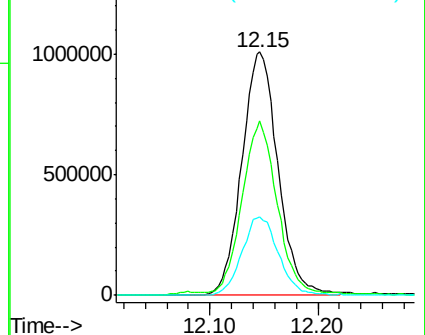
Supervised By :Mahesh Dadoda 04/14/2021



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 9.699 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. -0.01 min

Lab File: VL036798.D

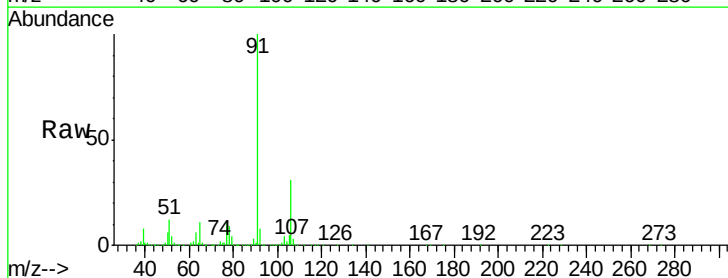
Acq: 13 Apr 2021 11:33

Tgt Ion: 91 Resp: 4279741

Ion Ratio Lower Upper

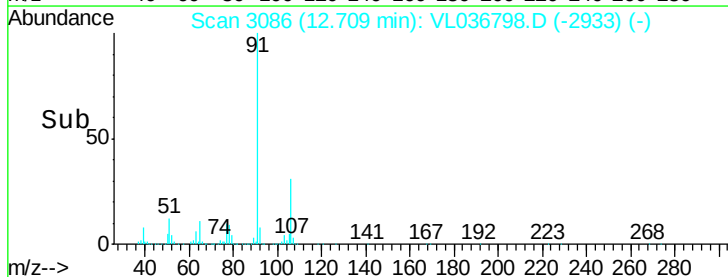
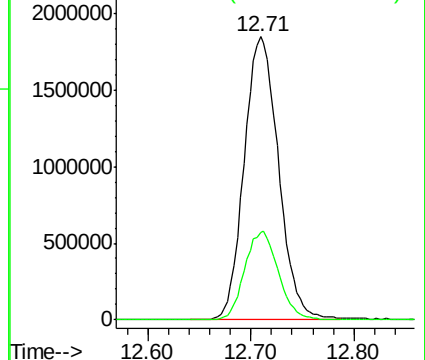
91 100

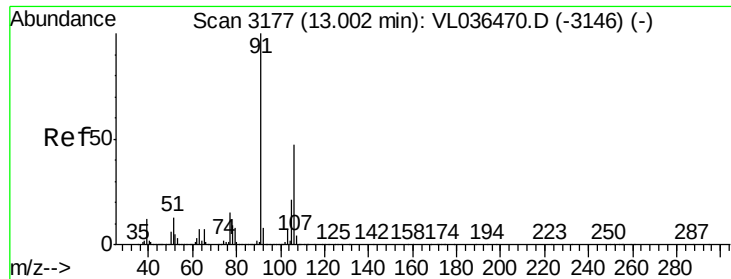
106 31.0 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



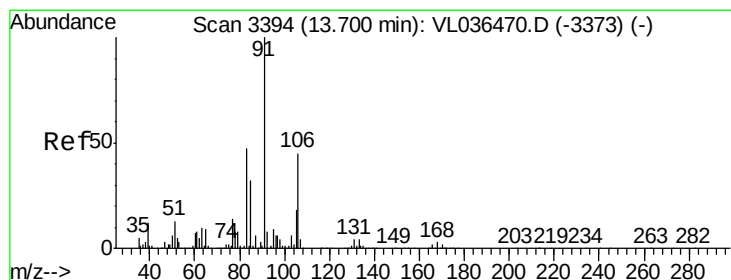
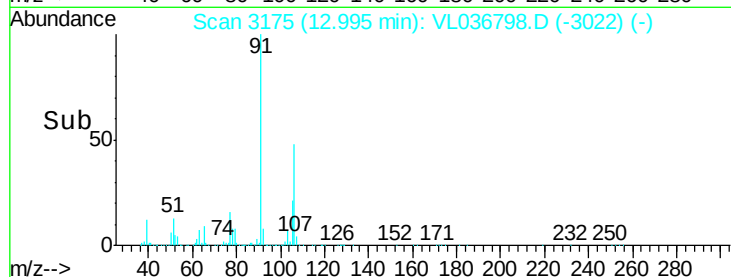
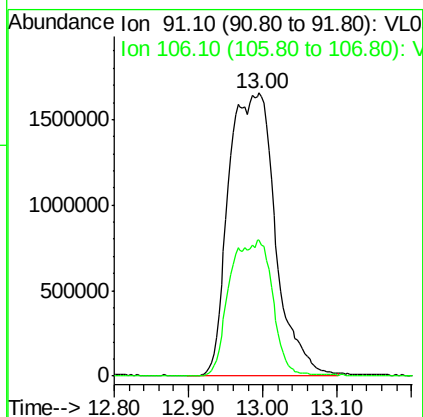
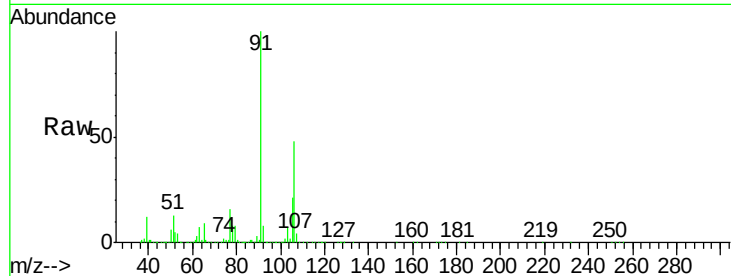


#59
m/p-Xylene
Concen: 18.849 ppbv m
RT: 13.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 13 Apr 2021 11:33

Tot Ion:
Ion Ratio
91 100
106 44.

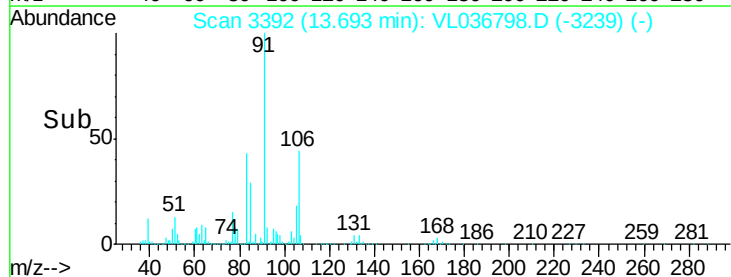
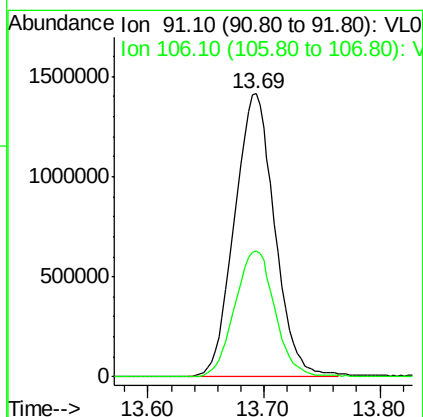
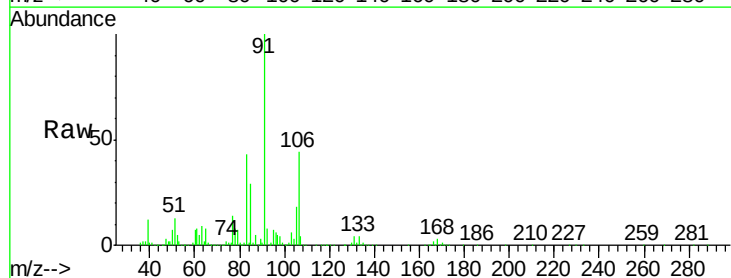
Manual Integrations
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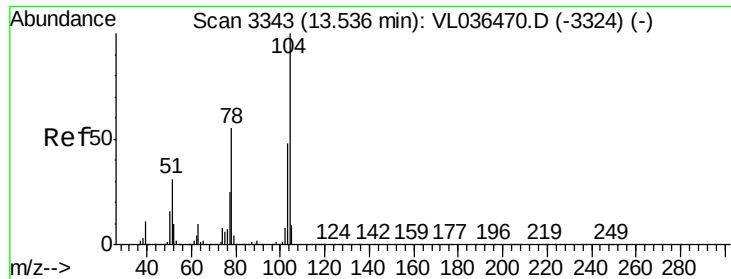
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#60
o-Xylene
Concen: 9.072 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL036798.D
Acq: 13 Apr 2021 11:33

Tgt Ion: 91 Resp: 3376182
Ion Ratio Lower Upper
91 100
106 44.8 22.3 66.9





#61

Stvrene

Concen: 9.798 ppbv

RT: 13.53

Delta R.T.

Lab File:

Acq: 13 Apr 2021 11:33

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021

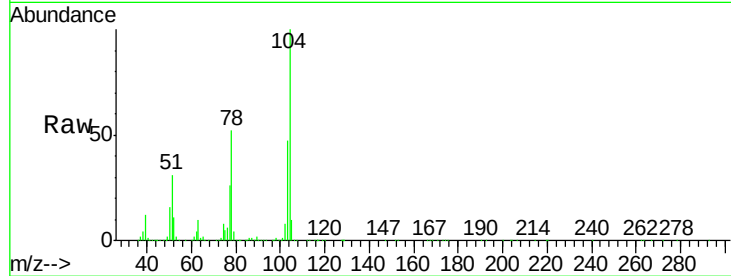
Tot Ion:1

Ion Rati

104 100

78 53.

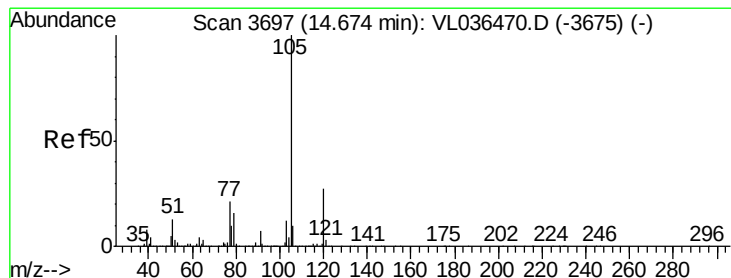
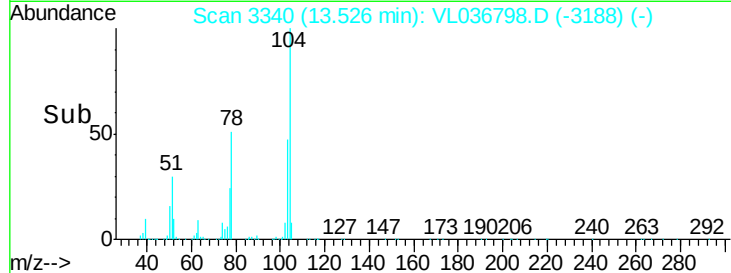
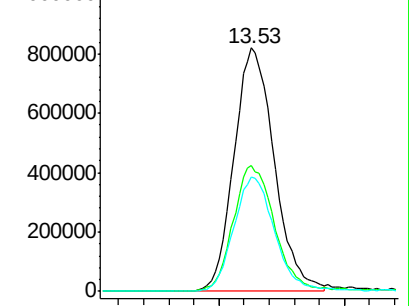
103 48.



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: 9.448 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. -0.01 min

Lab File: VL036798.D

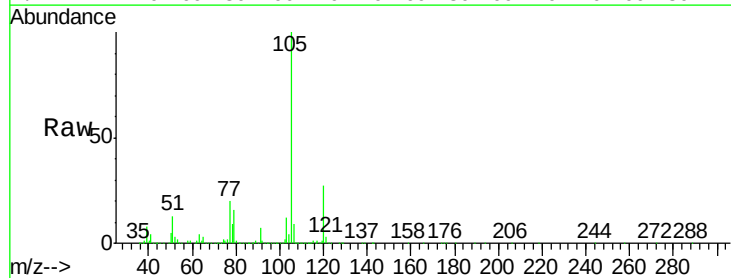
Acq: 13 Apr 2021 11:33

Tgt Ion:105 Resp: 4734637

Ion Ratio Lower Upper

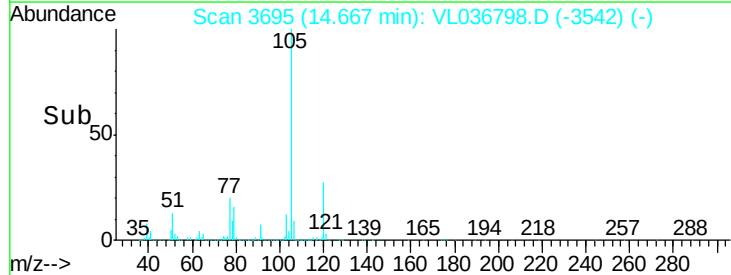
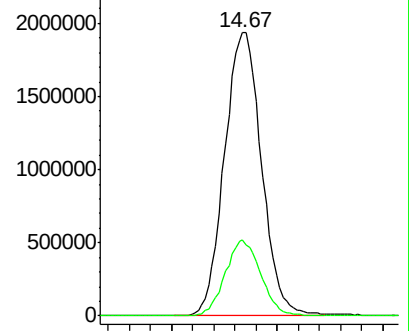
105 100

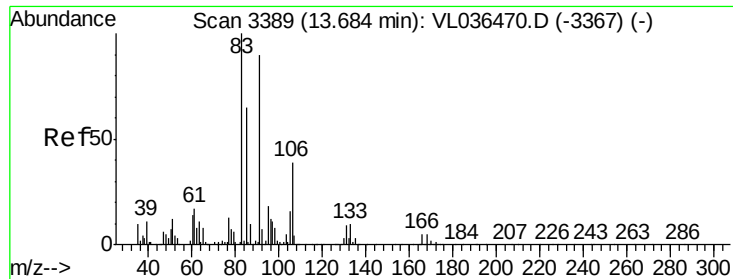
120 25.8 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



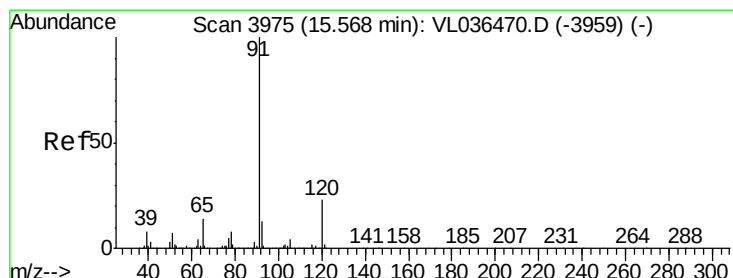
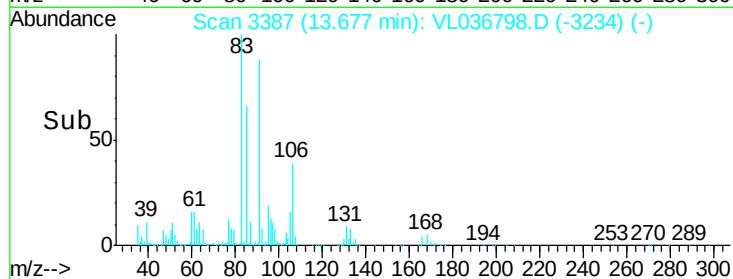
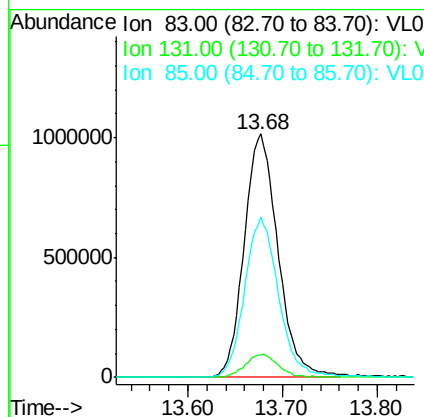
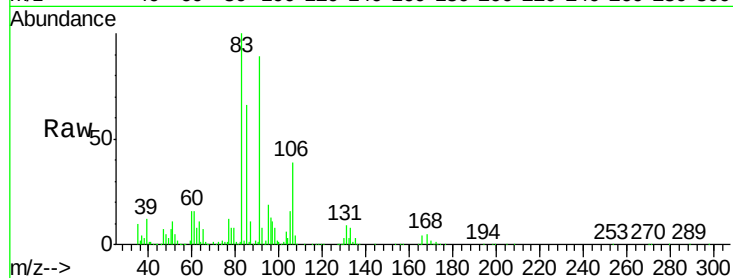


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.890 ppbv
 RT: 13.68 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0413ABS01
 Acq: 13 Apr 2021 11:33

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 66.

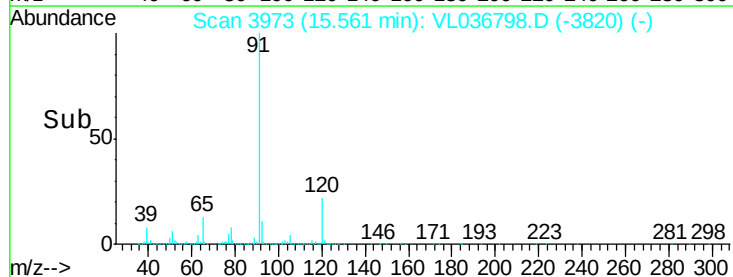
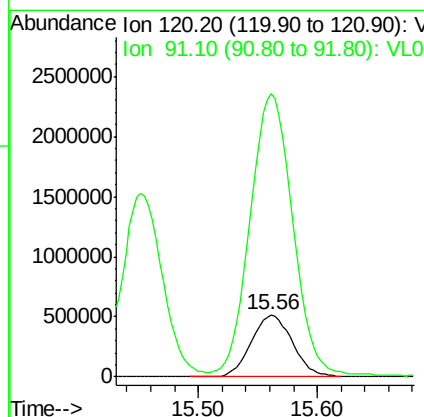
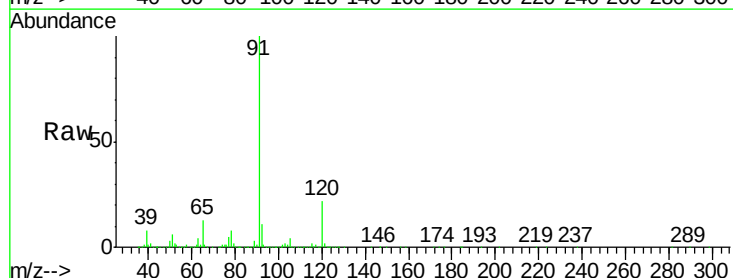
Manual Integrations
 APPROVED

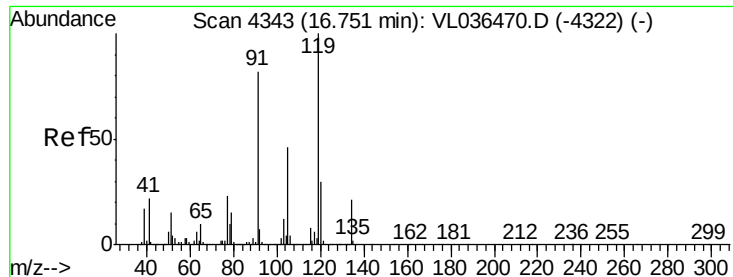
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#64
 n-propylbenzene
 Concen: 10.068 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. -0.01 min
 Lab File: VL036798.D
 Acq: 13 Apr 2021 11:33

Tgt Ion:120 Resp: 1233647
 Ion Ratio Lower Upper
 120 100
 91 476.7 377.4 566.2



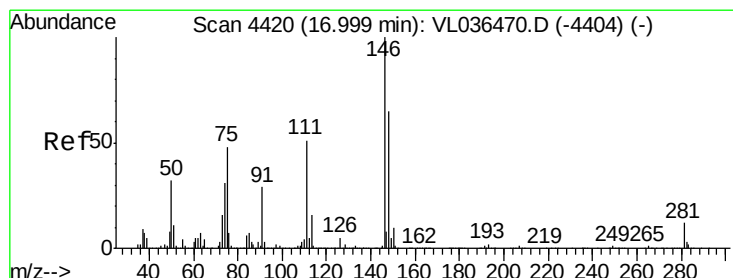
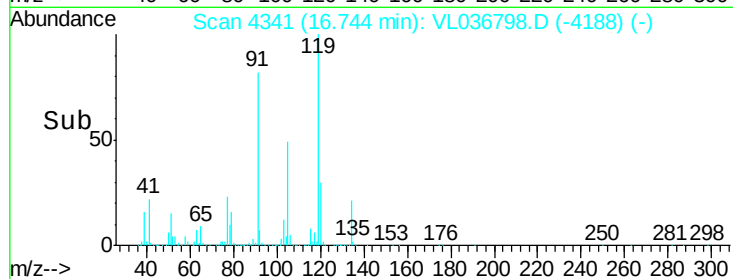
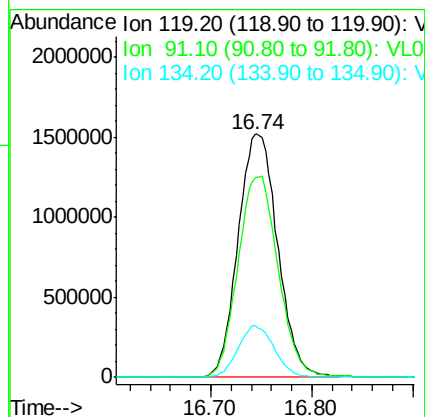
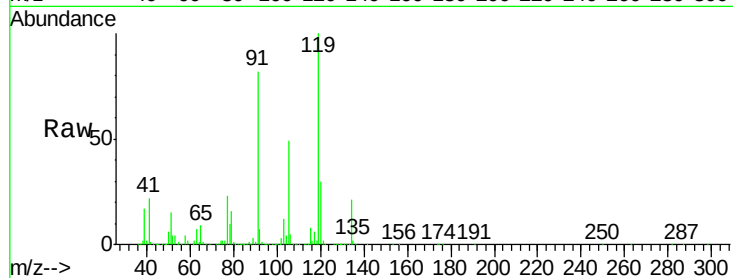


#65
tert-Butylbenzene
Concen: 9.521 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0413ABS01
Acq: 13 Apr 2021 11:33

Tot Ion: 1
Ion Ratio
119 100
91 84.
134 19.

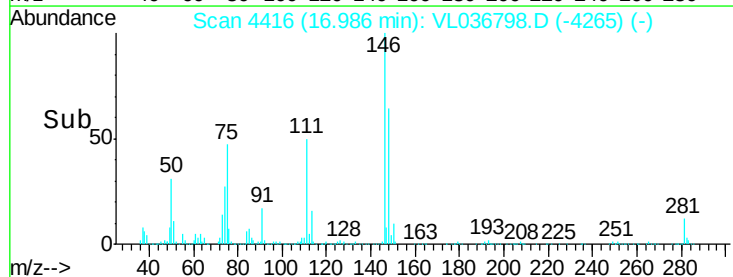
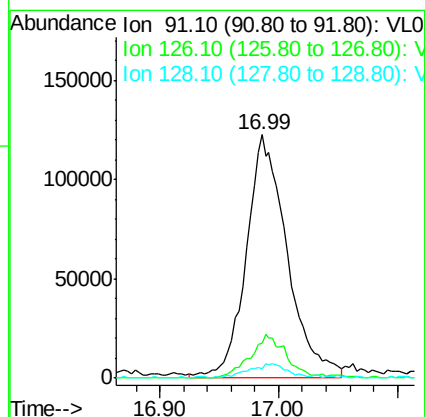
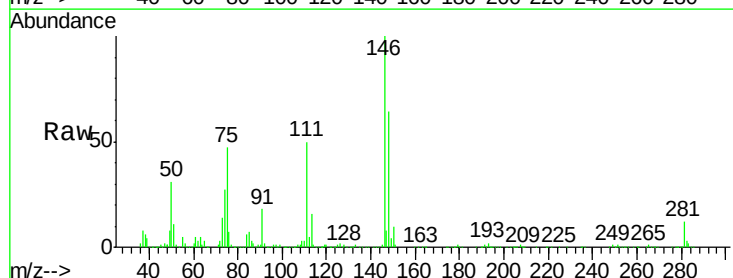
Manual Integrations
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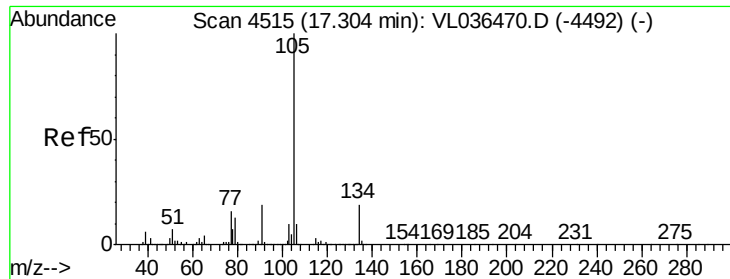
Reviewed By : Semsettin Yesilyurt 04/14/2021
Supervised By : Mahesh Dadoda 04/14/2021



#66
Benzyl Chloride
Concen: 6.236 ppbv m
RT: 16.99 min Scan# 4416
Delta R.T. -0.01 min
Lab File: VL036798.D
Acq: 13 Apr 2021 11:33

Tgt Ion: 91 Resp: 299536
Ion Ratio Lower Upper
91 100
126 16.7 13.5 20.3
128 6.3 4.2 6.4





#67

sec-Butylbenzene

Concen: 9.475 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Apr 2021 11:33

Tot Ion:1

Ion Rati

105 100

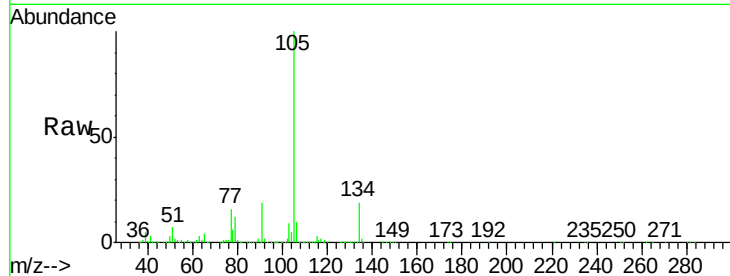
134 18.

Manual Integrations

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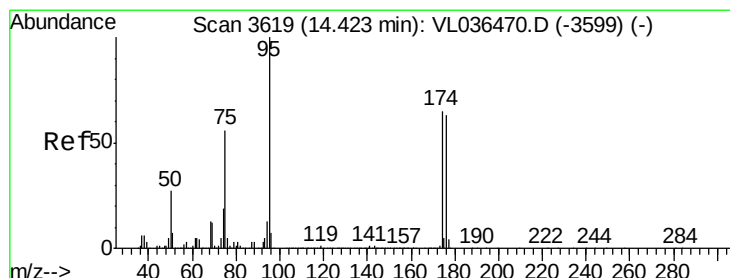
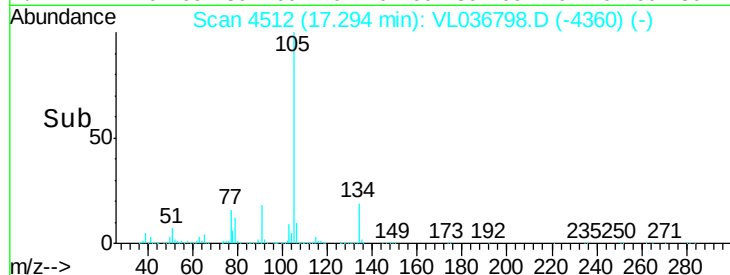
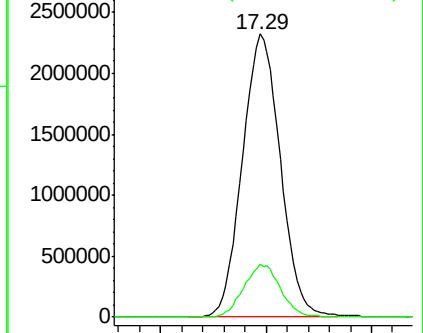
Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



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: 8.306 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VL036798.D

Acq: 13 Apr 2021 11:33

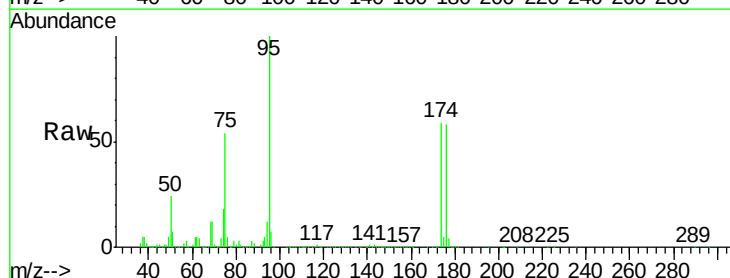
Tgt Ion: 95 Resp: 2007737

Ion Ratio Lower Upper

95 100

174 63.8 51.0 76.6

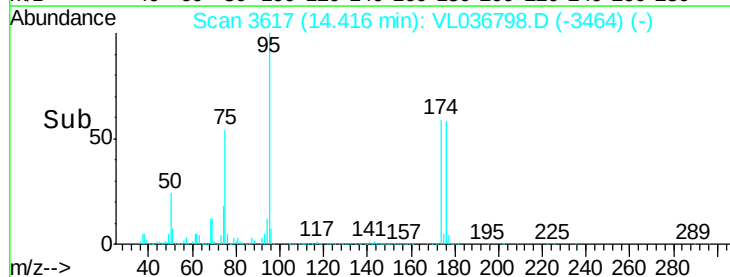
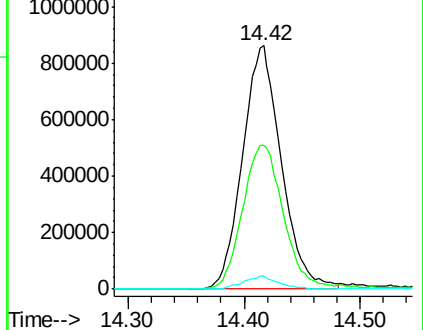
175 5.1 3.9 5.9

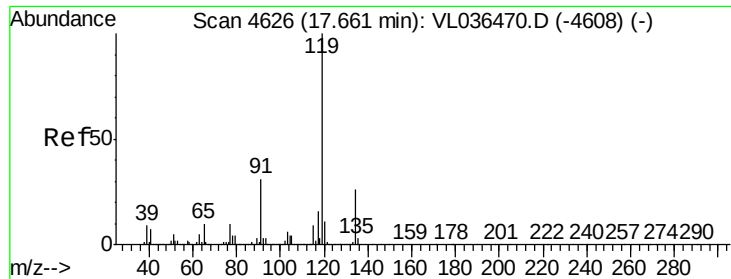


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



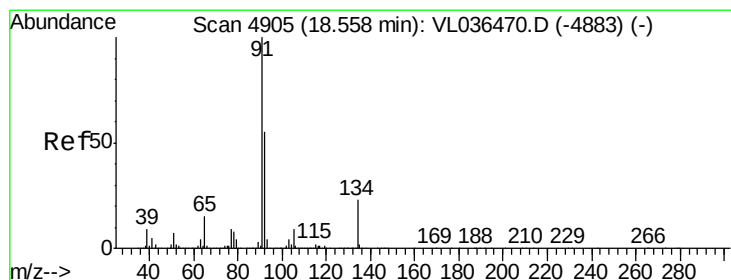
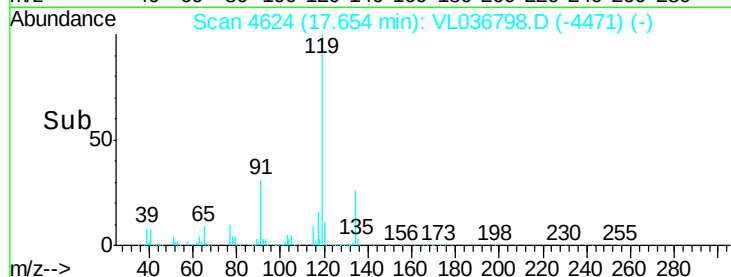
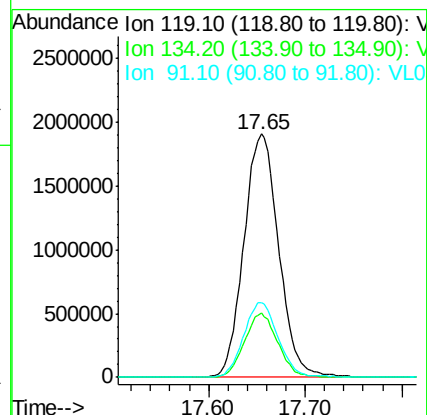
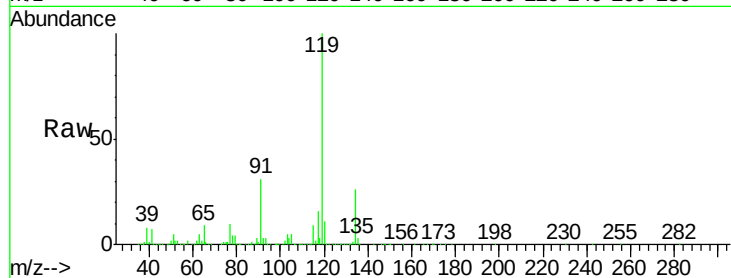


#69
 p-Isopropyltoluene
 Concen: 9.969 ppbv
 RT: 17.65
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0413ABS01
 Acq: 13 Apr 2021 11:33

Tot Ion:1
 Ion Rati
 119 100
 134 25.
 91 30.

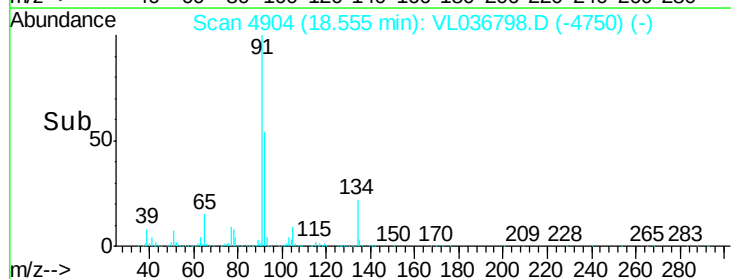
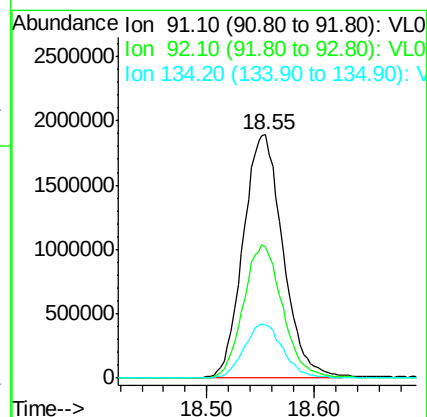
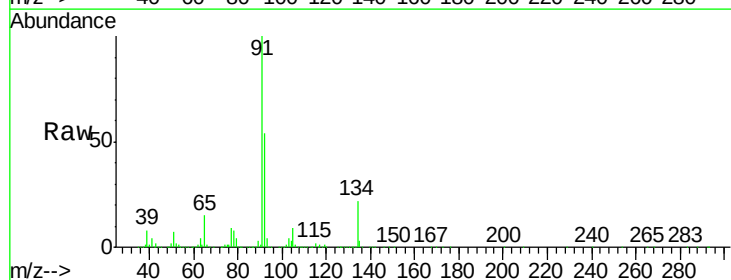
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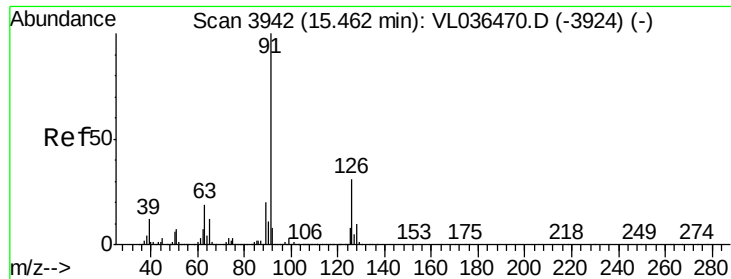
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#70
 n-Butylbenzene
 Concen: 9.783 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. -0.00 min
 Lab File: VL036798.D
 Acq: 13 Apr 2021 11:33

Tgt Ion: 91 Resp: 4858690
 Ion Ratio Lower Upper
 91 100
 92 54.2 43.8 65.8
 134 22.0 18.0 27.0



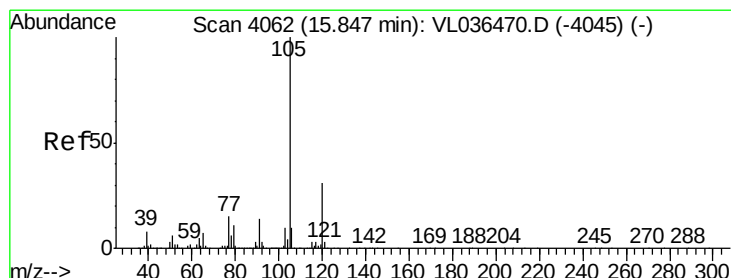
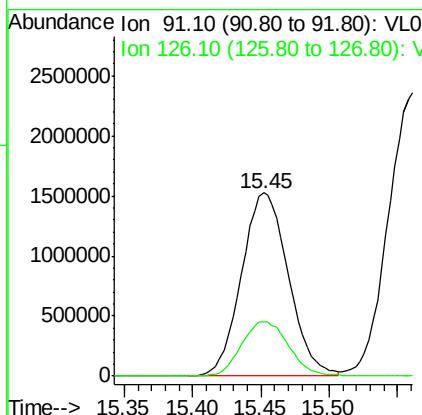
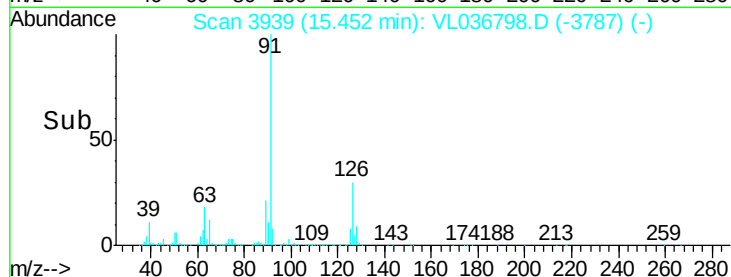
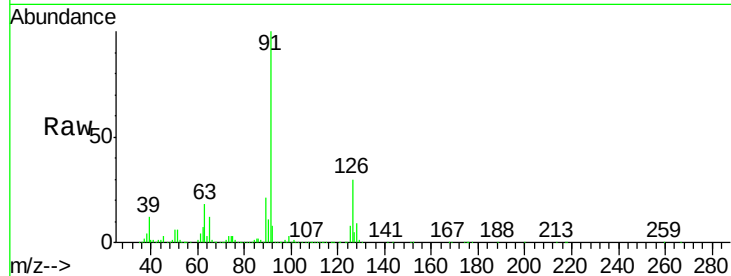


#71
 2-Chlorotoluene
 Concen: 9.693 ppbv
 RT: 15.45
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0413ABS01
 Acq: 13 Apr 2021 11:33

Tot Ion:
 Ion Ratio
 91 100
 126 30.

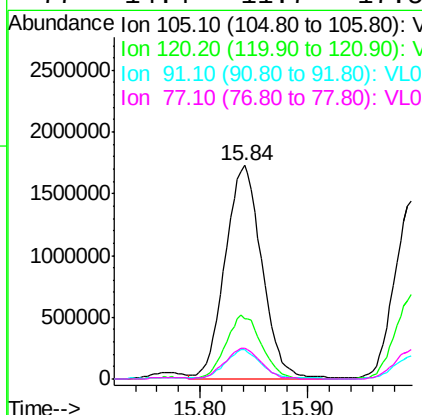
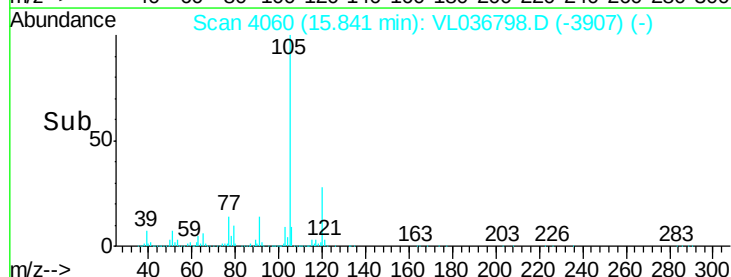
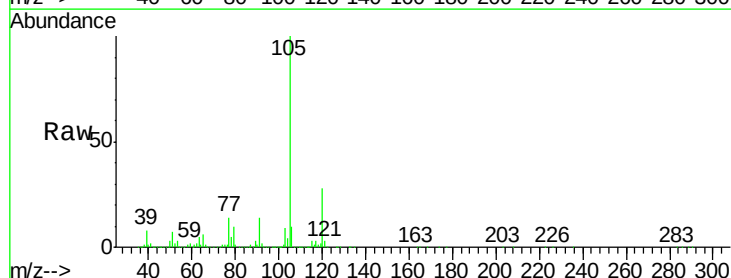
Manual Integrations
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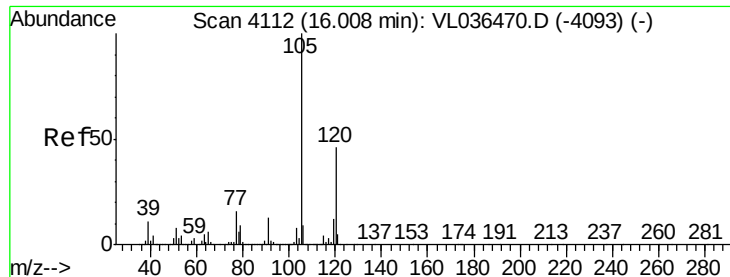
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#72
 4-Ethyltoluene
 Concen: 10.034 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. -0.01 min
 Lab File: VL036798.D
 Acq: 13 Apr 2021 11:33

Tgt Ion:105 Resp: 4091679
 Ion Ratio Lower Upper
 105 100
 120 29.4 24.0 36.0
 91 13.0 11.0 16.4
 77 14.4 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.454 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 11:33

Tot Ion:1

Ion Rati

105 100

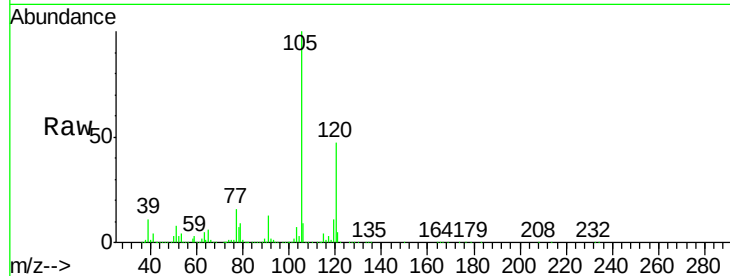
120 47.

Manual Integrations

APPROVED

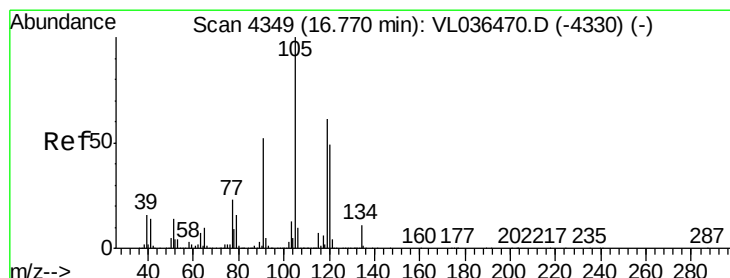
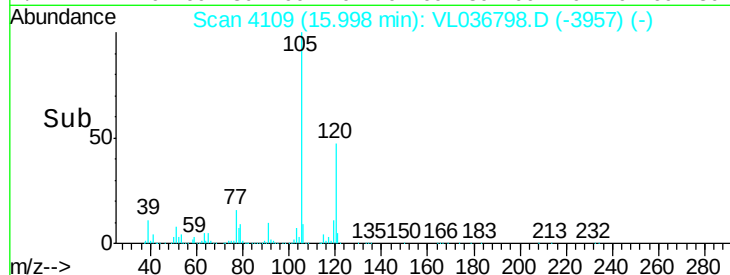
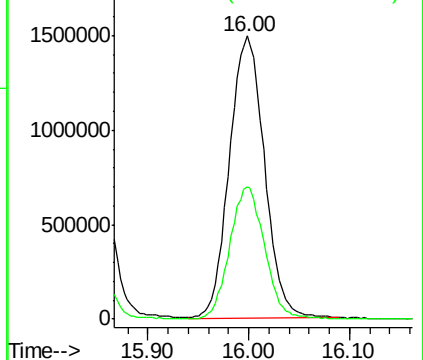
Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 9.207 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. -0.01 min

Lab File: VL036798.D

Acq: 13 Apr 2021 11:33

Tgt Ion:105 Resp: 3749752

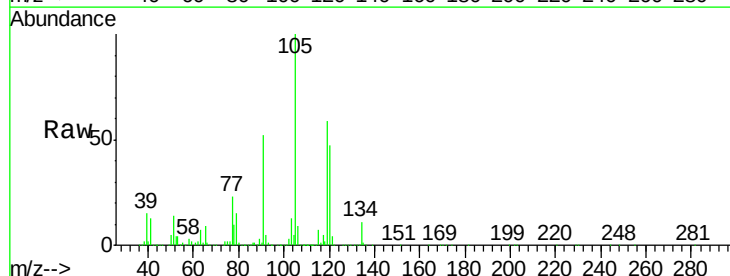
Ion Ratio Lower Upper

105 100

120 47.4 39.2 58.8

91 51.3 42.6 64.0

77 23.0 18.6 28.0

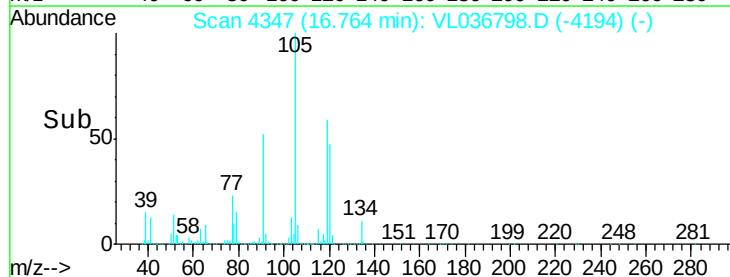
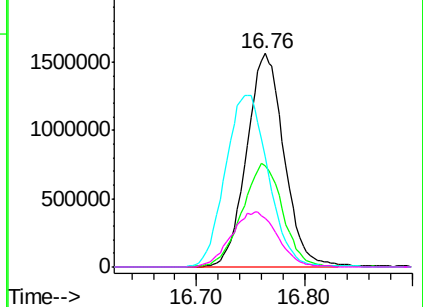


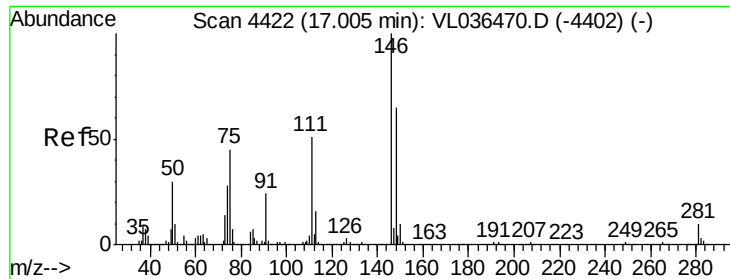
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



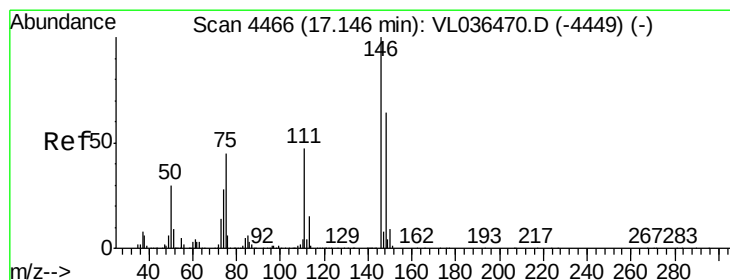
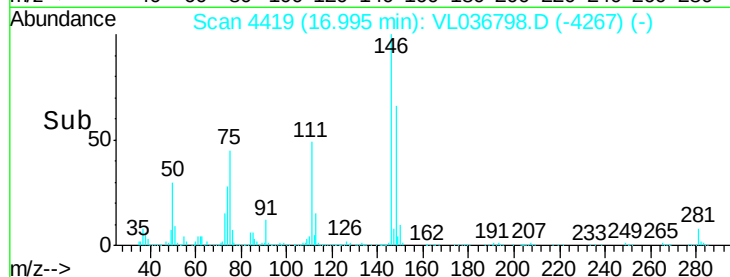
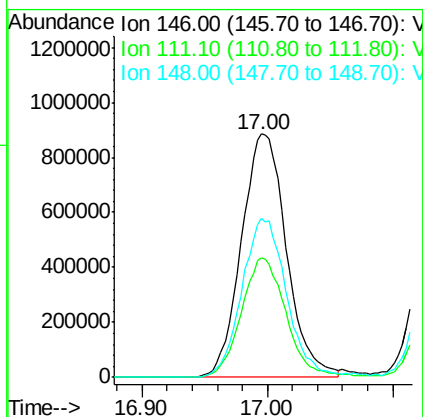
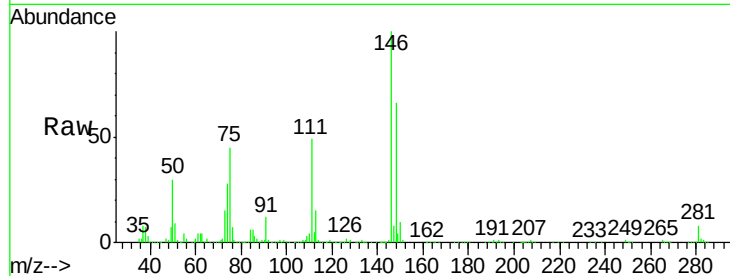


#75
 1,3-Dichlorobenzene
 Concen: 9.609 ppbv
 RT: 17.00 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0413ABS01
 Acq: 13 Apr 2021 11:33

Tot Ion:1
 Ion Ratio
 146 100
 111 48.
 148 65.

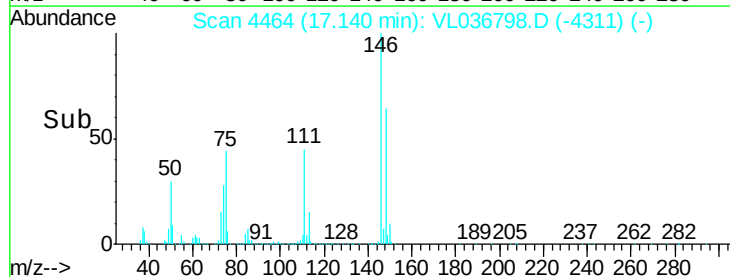
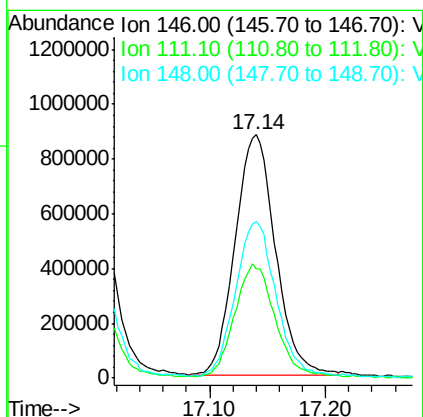
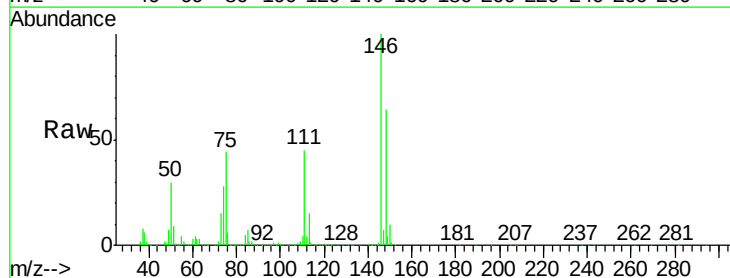
Manual Integrations
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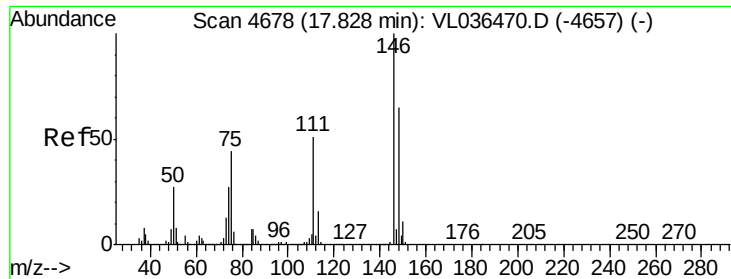
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#76
 1,4-Dichlorobenzene
 Concen: 9.314 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T. -0.01 min
 Lab File: VL036798.D
 Acq: 13 Apr 2021 11:33

Tgt Ion:146 Resp: 2119933
 Ion Ratio Lower Upper
 146 100
 111 48.3 24.3 72.8
 148 66.4 33.0 98.9



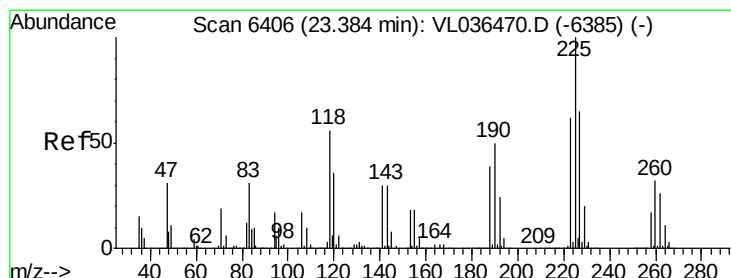
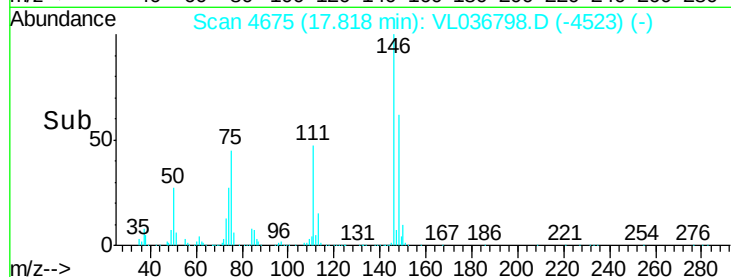
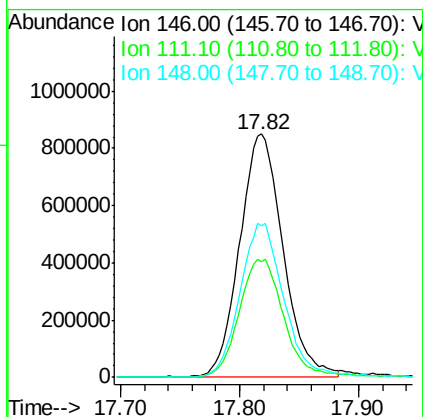
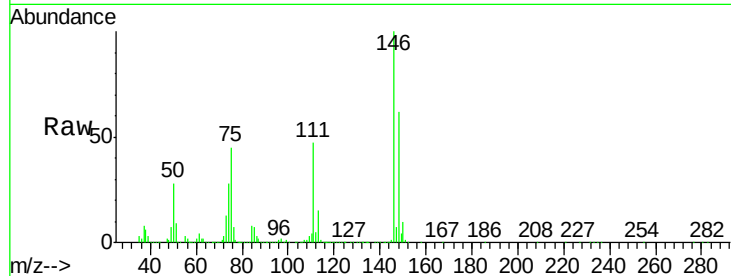


#77
 1,2-Dichlorobenzene
 Concen: 9.903 ppbv
 RT: 17.82 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VL0413ABS01
 Acq: 13 Apr 2021 11:33

Tot Ion:1
 Ion Rati
 146 100
 111 50.
 148 64.

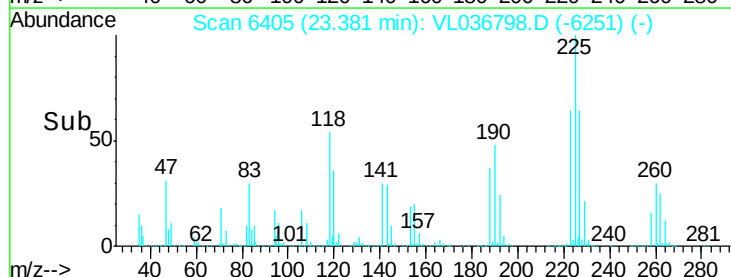
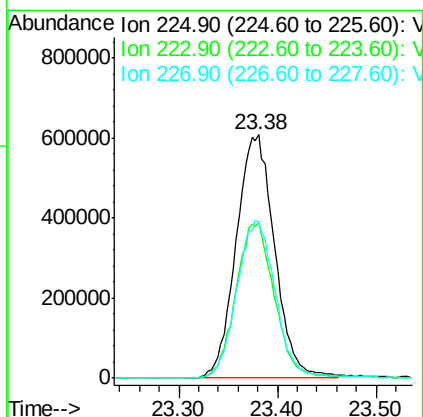
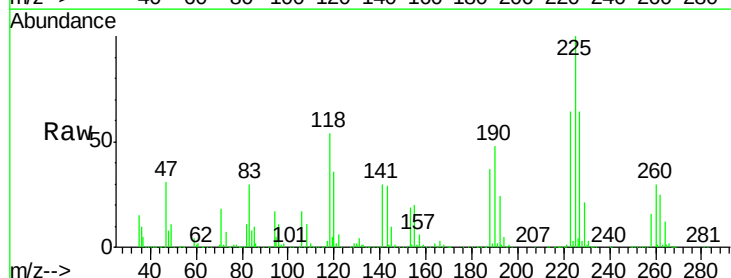
Manual Integrations
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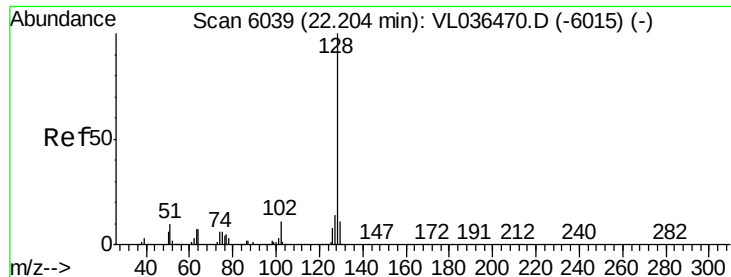
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.499 ppbv
 RT: 23.38 min Scan# 6405
 Delta R.T.: -0.00 min
 Lab File: VL036798.D
 Acq: 13 Apr 2021 11:33

Tgt Ion:225 Resp: 1640245
 Ion Ratio Lower Upper
 225 100
 223 64.6 50.6 75.8
 227 65.8 52.2 78.2



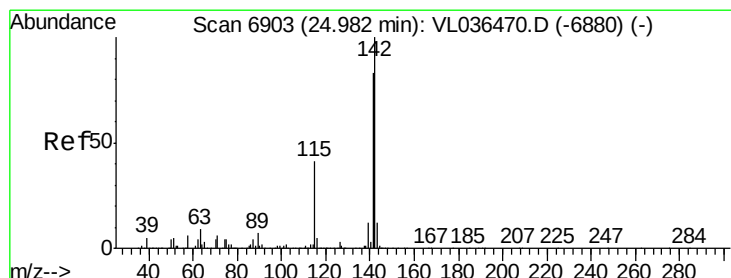
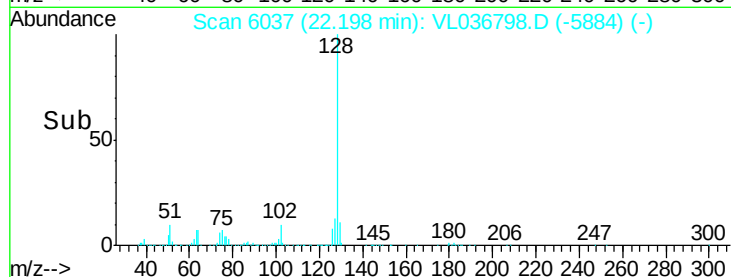
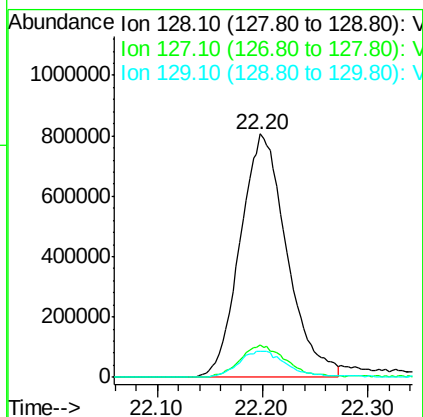
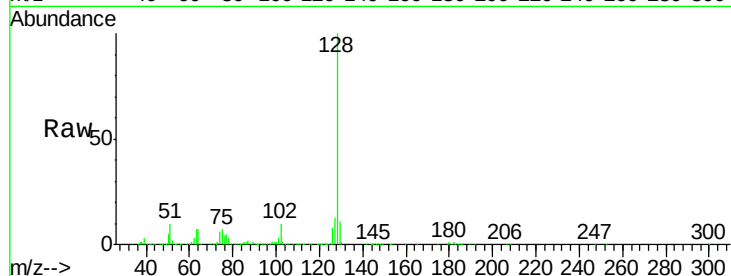


#79
Naphthalene
Concen: 10.395 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0413ABS01
Acq: 13 Apr 2021 11:33

Tot Ion:1
Ion Rati
128 100
127 13.
129 10.

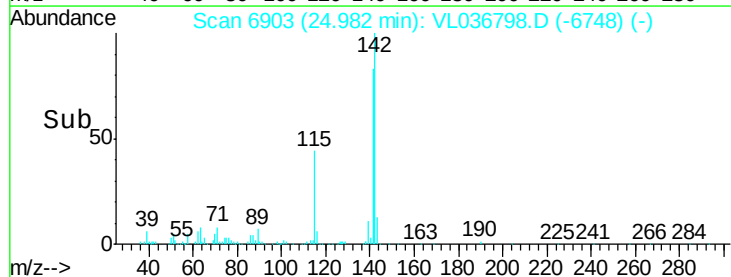
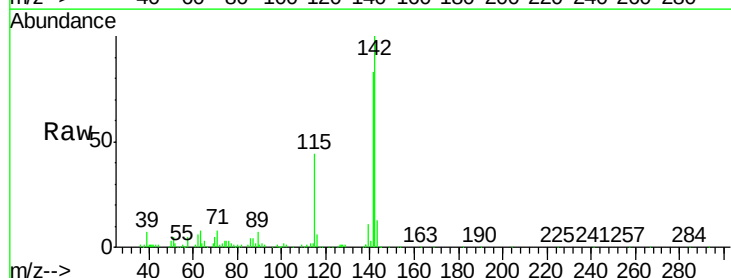
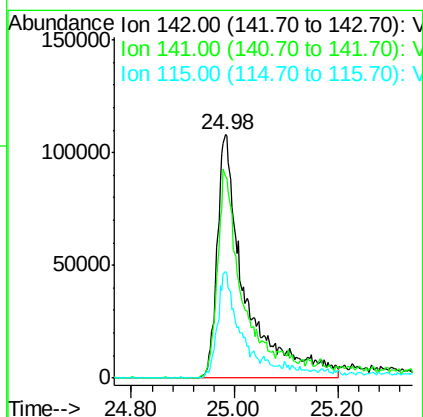
Manual Integrations
APPROVED

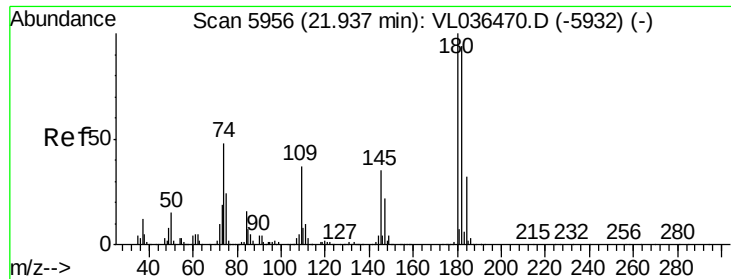
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#80
Naphthalene, 2-methyl-
Concen: 8.768 ppbv
RT: 24.98 min Scan# 6903
Delta R.T. -0.00 min
Lab File: VL036798.D
Acq: 13 Apr 2021 11:33

Tgt Ion:142 Resp: 410912
Ion Ratio Lower Upper
142 100
141 77.5 67.8 101.8
115 41.3 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.146 ppbv
 RT: 21.93
 Instrument : MSVOA_L
 Delta R.T :
 Lab File: ClientSampleId :
 VL0413ABS01
 Acq: 13 Apr 2021 11:33

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021

