

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030321\
 Data File : VL036436.D
 Acq On : 3 Mar 2021 11:28
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Quant Time: Mar 03 13:52:14 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	1713165	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3951103	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3600204	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2950822	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	145836	0.570 ppbv	99
3) Chlorodifluoromethane	2.99	51	109208	0.513 ppbv	99
4) Chloromethane	3.14	50	49979	0.486 ppbv	89
5) Vinyl Chloride	3.26	62	50807m	0.531 ppbv	
6) Bromomethane	3.48	94	31153m	0.547 ppbv	
7) Chloroethane	3.56	64	17840m	0.525 ppbv	
8) Dichlorotetrafluoroethane	3.19	85	126910	0.546 ppbv	97
9) Propene	3.01	41	46134	0.581 ppbv	92
10) Heptane	8.13	43	95027	0.406 ppbv	93
11) Trichlorofluoromethane	3.95	101	135751m	0.542 ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.49	101	81920	0.528 ppbv	97
13) Ethanol	3.62	45	6326m	0.424 ppbv	
14) Bromoethene	3.74	108	33658m	0.519 ppbv	
15) Acetone	3.86	43	103326m	0.493 ppbv	
16) 1,3-Butadiene	3.33	39	46243m	0.462 ppbv	
17) tert-Butyl alcohol	4.31	59	87228m	0.537 ppbv	
18) 1,1-Dichloroethene	4.29	96	36162m	0.513 ppbv	
19) Isopropyl Alcohol	3.99	45	61870m	0.533 ppbv	
20) Methylene Chloride	4.35	84	37585	0.556 ppbv	94
21) Allyl Chloride	4.41	41	57786m	0.496 ppbv	
22) trans-1,2-Dichloroethene	4.89	96	29052	0.454 ppbv #	85
23) Vinyl Acetate	5.09	43	103231m	0.419 ppbv	
24) 1,1-Dichloroethane	5.01	63	85095	0.467 ppbv #	97
25) Ethyl Acetate	5.69	43	173322	0.429 ppbv #	96
26) Hexane	5.69	57	75191	0.453 ppbv	89
27) Carbon Disulfide	4.56	76	66900	0.438 ppbv #	87
28) Methyl tert-Butyl Ether	5.05	73	103948m	0.479 ppbv	
29) Chloroform	5.75	83	129358	0.483 ppbv	100
30) Cyclohexane	7.14	84	63849m	0.462 ppbv	
31) cis-1,2-Dichloroethene	5.56	61	70409m	0.428 ppbv	
32) 1,1,1-Trichloroethane	6.51	97	126733m	0.507 ppbv	
34) 2-Butanone	5.26	43	123769m	0.471 ppbv	
35) Carbon Tetrachloride	7.02	117	122477	0.463 ppbv	95
36) Benzene	6.90	78	144702	0.431 ppbv	92
37) 1,2-Dichloroethane	6.32	62	99395m	0.479 ppbv	
38) Trichloroethene	7.85	130	54651m	0.455 ppbv	
39) 1,2-Dichloropropane	7.62	63	68838m	0.505 ppbv	
40) 1,4-Dioxane	7.87	88	22570m	0.478 ppbv	
41) Tetrahydrofuran	6.08	42	55867m	0.381 ppbv	
42) Bromodichloromethane	7.80	83	129986m	0.468 ppbv	
43) Methyl Methacrylate	8.02	69	50017m	0.353 ppbv	

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Manual Integrations
 APPROVED

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) 2,2,4-Trimethylpentane	7.87	57	279126	0.457	ppbv	98
45) t-1,3-Dichloropropene	9.29	75	45772m	0.335	ppbv	
46) cis-1,3-Dichloropropene	8.71	75	61895m	0.357	ppbv	
47) 1,1,2-Trichloroethane	9.48	97	66841m	0.479	ppbv	
48) Dibromochloromethane	10.31	129	89549m	0.430	ppbv	
49) Bromoform	13.05	173	68108m	0.405	ppbv	
50) 4-Methyl-2-Pentanone	8.77	43	155268m	0.398	ppbv	
51) 2-Hexanone	10.16	43	100155m	0.338	ppbv	
52) Tetrachloroethene	11.23	164	56411m	0.459	ppbv	
53) Toluene	9.82	91	139058	0.383	ppbv	98
54) 1,2-Dibromoethane	10.62	107	89811m	0.445	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.13	131	85845m	0.518	ppbv	
57) Chlorobenzene	12.15	112	135223	0.486	ppbv #	97
58) Ethyl Benzene	12.72	91	200894	0.408	ppbv	89
59) m/p-Xylene	13.00	91	370957m	0.857	ppbv	
60) o-Xylene	13.70	91	180351	0.436	ppbv	96
61) Styrene	13.54	104	89097m	0.347	ppbv	
62) Isopropylbenzene	14.68	105	282337	0.455	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.69	83	160515m	0.491	ppbv	
64) n-propylbenzene	15.57	120	67535m	0.442	ppbv	
65) tert-Butylbenzene	16.76	119	237389m	0.447	ppbv	
66) Benzyl Chloride	17.01	91	50944m	0.353	ppbv	
67) sec-Butylbenzene	17.31	105	321225	0.419	ppbv	99
69) p-Isopropyltoluene	17.66	119	251996m	0.426	ppbv	
70) n-Butylbenzene	18.57	91	249081	0.392	ppbv	95
71) 2-Chlorotoluene	15.47	91	198742	0.418	ppbv	99
72) 4-Ethyltoluene	15.85	105	172917	0.375	ppbv	96
73) 1,3,5-Trimethylbenzene	16.01	105	185763m	0.416	ppbv	
74) 1,2,4-Trimethylbenzene	16.78	105	196144	0.430	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	117259m	0.474	ppbv	
76) 1,4-Dichlorobenzene	17.16	146	122206m	0.475	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	115531m	0.471	ppbv	
78) Hexachloro-1,3-Butadiene	23.39	225	98618m	0.492	ppbv	
79) Naphthalene	22.23	128	83866m	0.310	ppbv	
80) Naphthalene, 2-methyl-	25.12	142	16191m	0.324	ppbv	
81) 1,2,4-Trichlorobenzene	21.97	180	54167m	0.328	ppbv	

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

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations
APPROVED

Quant Time: Mar 03 13:52:14 2021

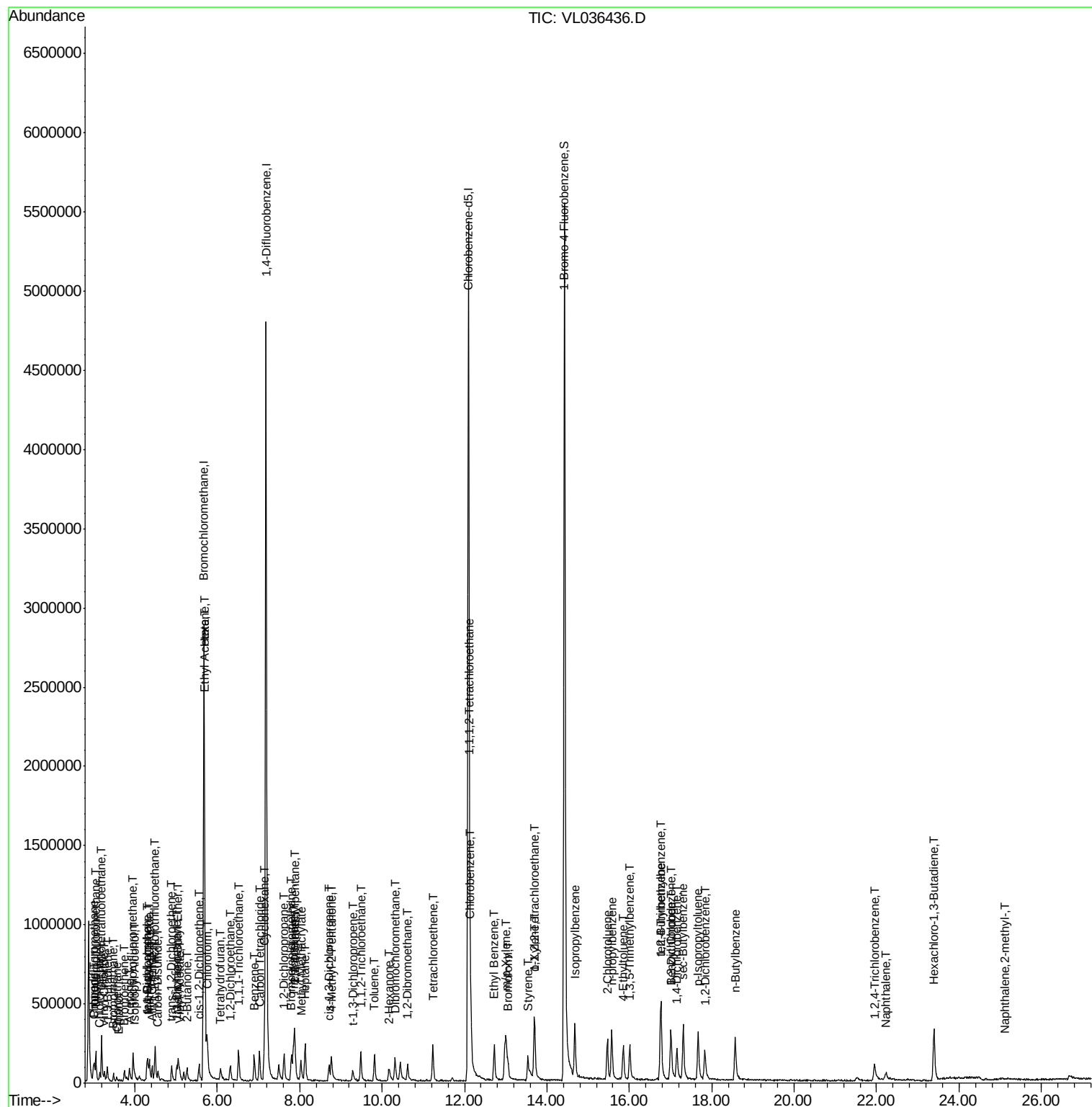
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030321

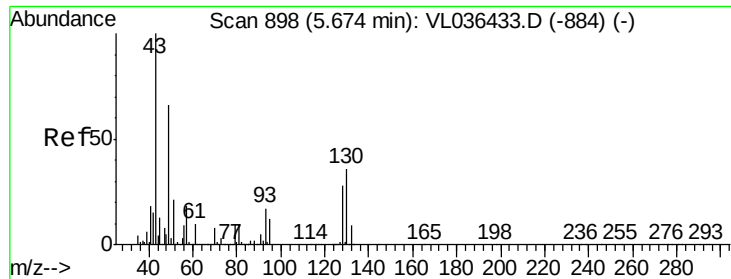
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. -

Lab File: ClientSampleId :

Acq: 3 Mar 2021 11:28

Tot Ion:

Ion Ratio

49 100

128 44.

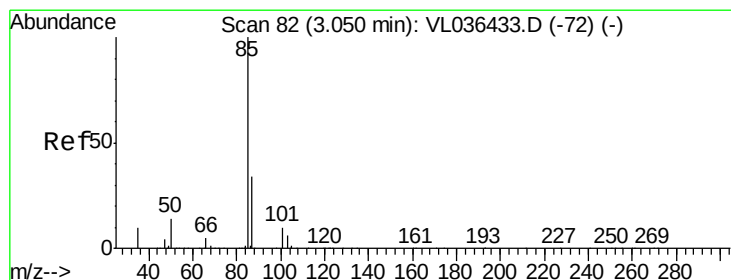
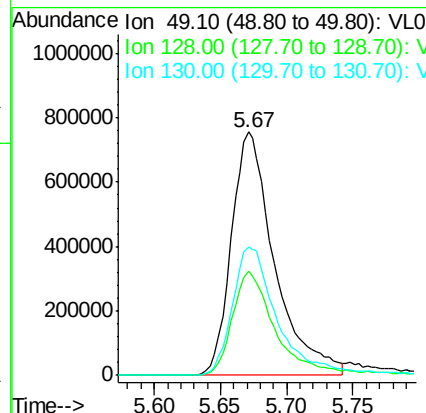
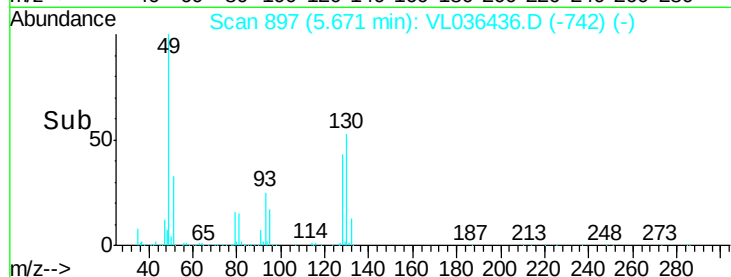
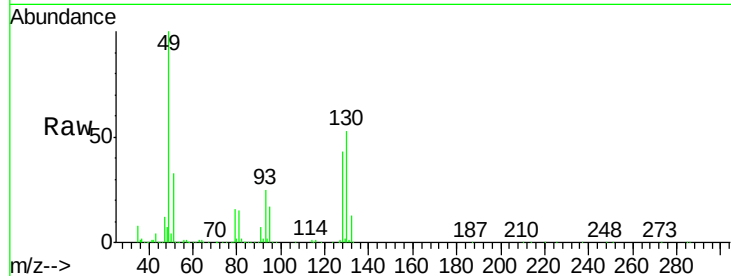
130 56.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#2

Dichlorodifluoromethane

Concen: 0.570 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL036436.D

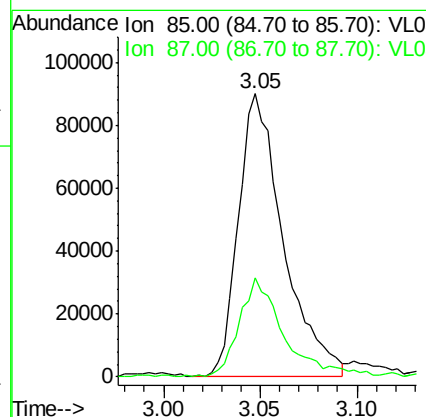
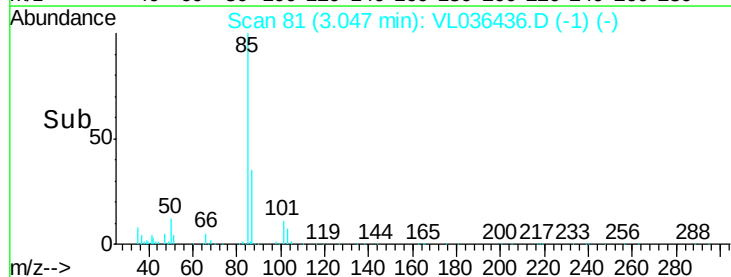
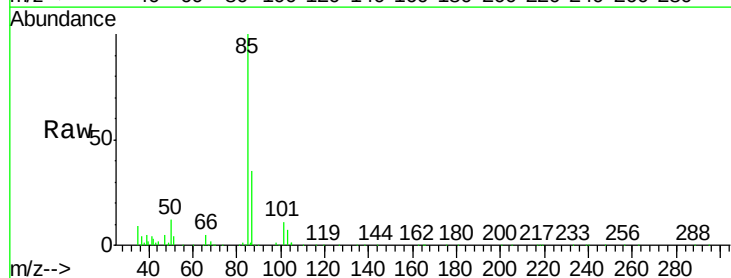
Acq: 3 Mar 2021 11:28

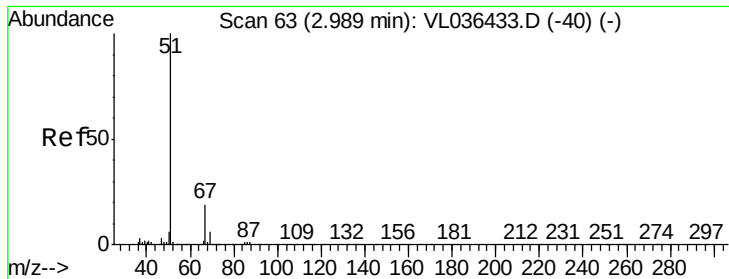
Tgt Ion: 85 Resp: 145836

Ion Ratio Lower Upper

85 100

87 34.7 27.1 40.7





#3

Chlorodifluoromethane

Concen: 0.513 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 11:28 VSTDIC0.5

Tot Ion:

Ion Ratio

51 100

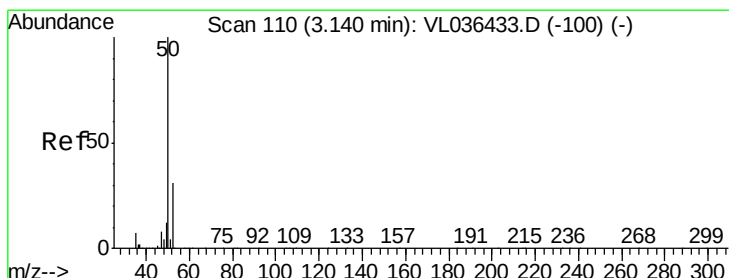
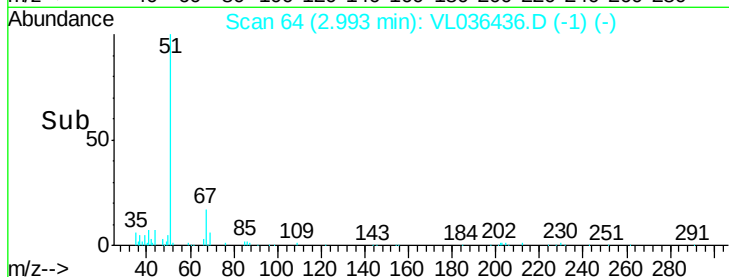
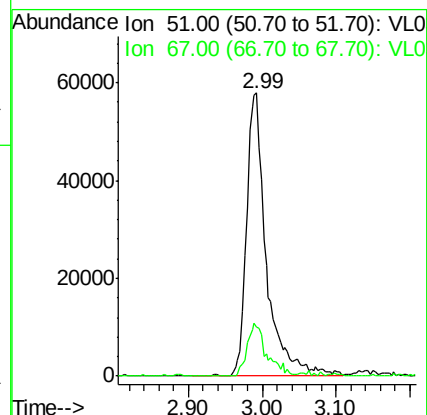
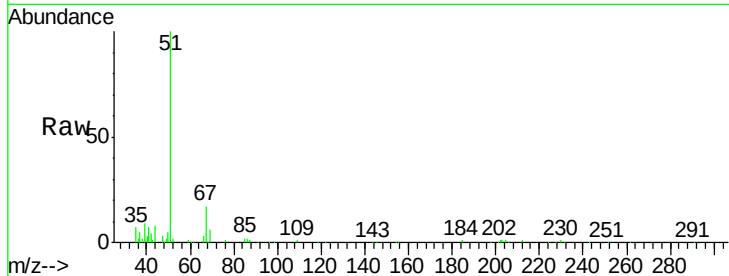
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#4

Chloromethane

Concen: 0.486 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL036436.D

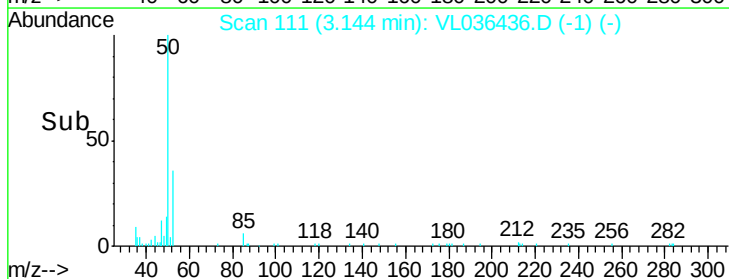
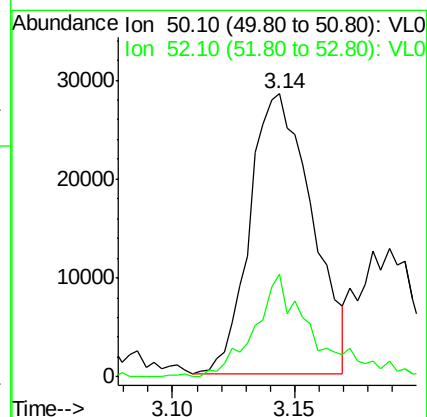
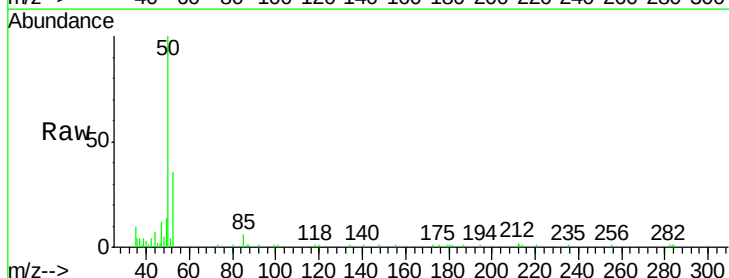
Acq: 3 Mar 2021 11:28

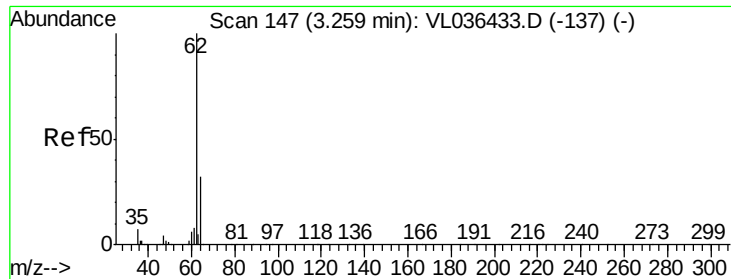
Tgt Ion: 50 Resp: 49979

Ion Ratio Lower Upper

50 100

52 36.7 24.6 36.8





#5

Vinyl Chloride

Concen: 0.531 ppbv m

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 11:28 VSTDIC0.5

Tot Ion:

Ion Ratio

62 100

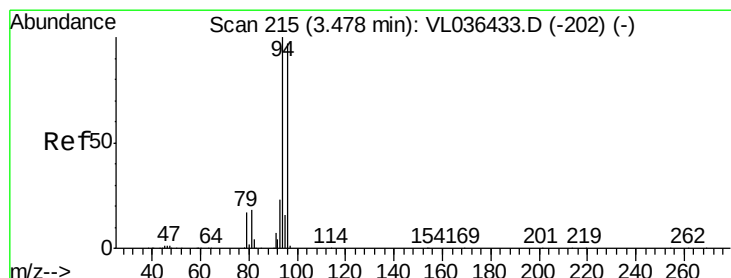
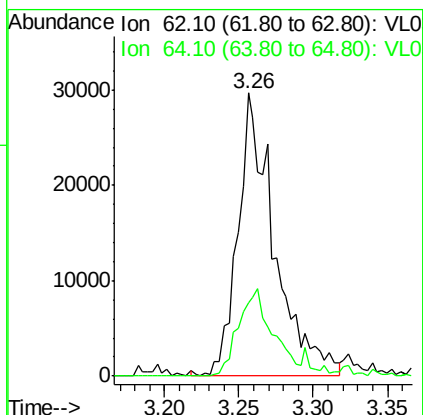
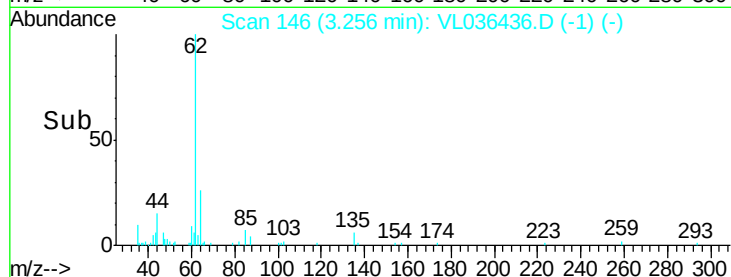
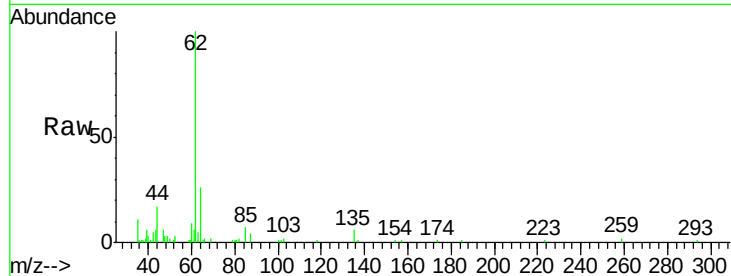
64 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#6

Bromomethane

Concen: 0.547 ppbv m

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL036436.D

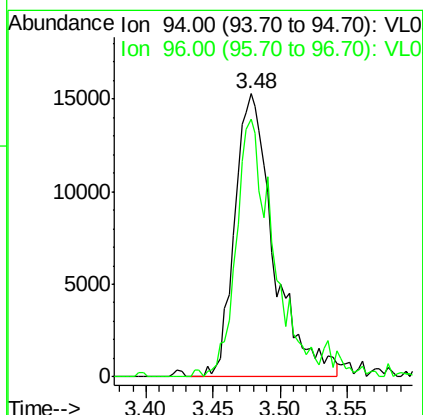
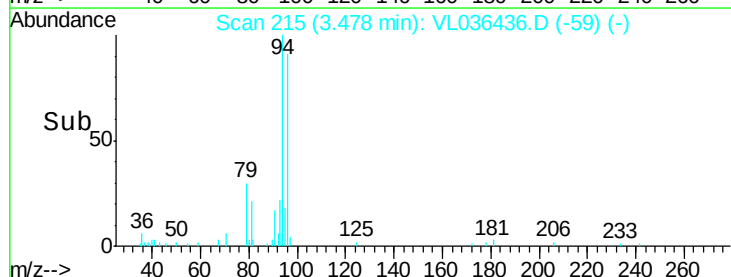
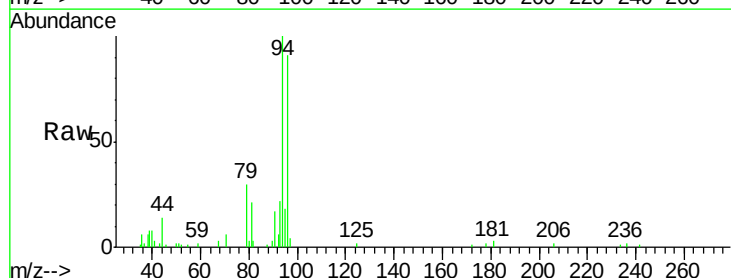
Acq: 3 Mar 2021 11:28

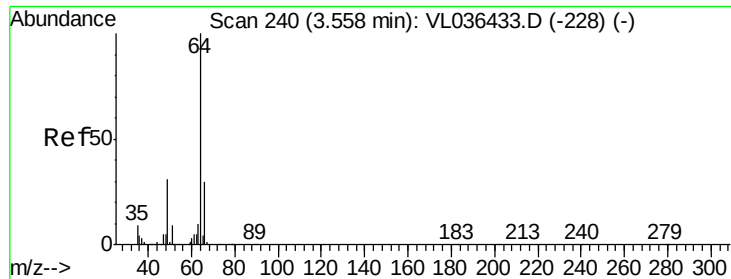
Tgt Ion: 94 Resp: 31153

Ion Ratio Lower Upper

94 100

96 90.9 77.3 115.9





#7

Chloroethane

Concen: 0.525 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 11:28 VSTDIC0.5

Tot Ion:

Ion Ratio

64 100

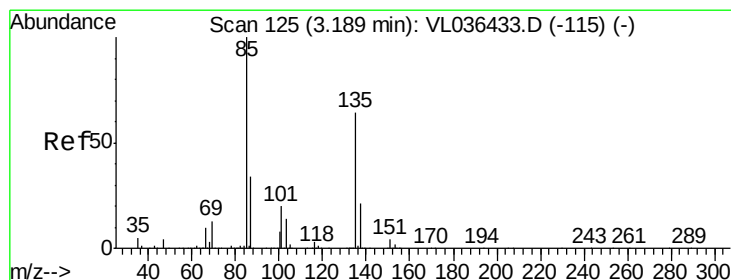
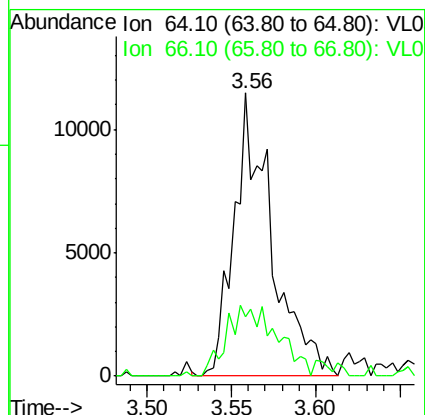
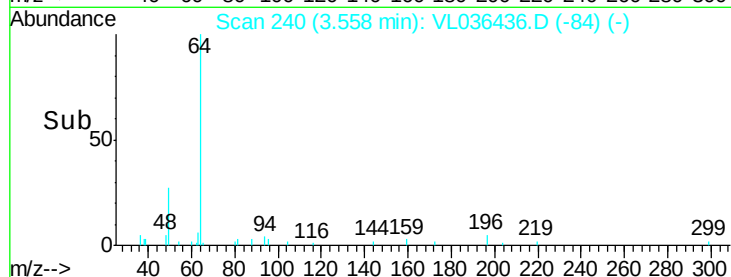
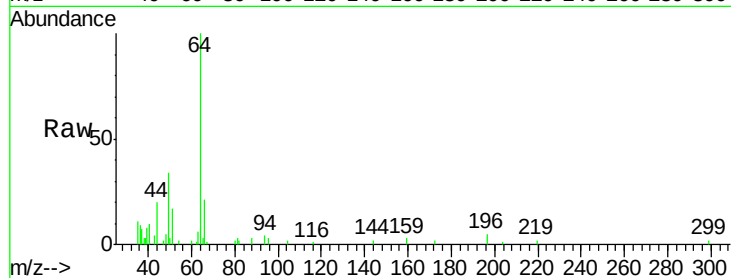
66 21.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#8

Dichlorotetrafluoroethane

Concen: 0.546 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036436.D

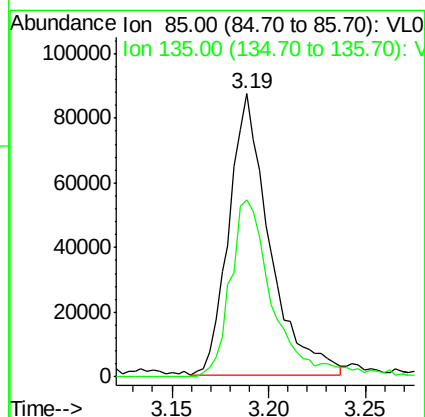
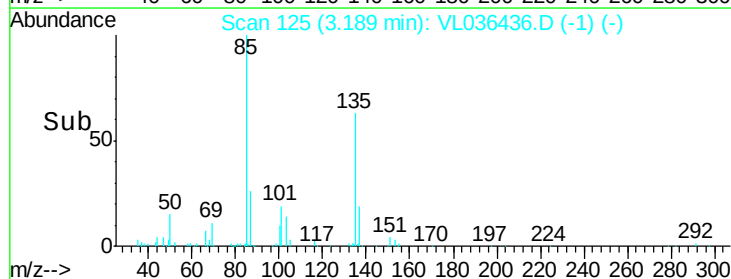
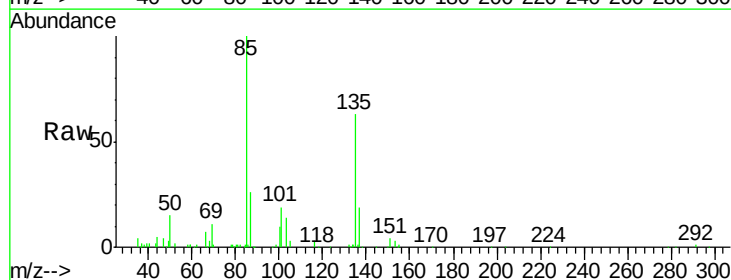
Acq: 3 Mar 2021 11:28

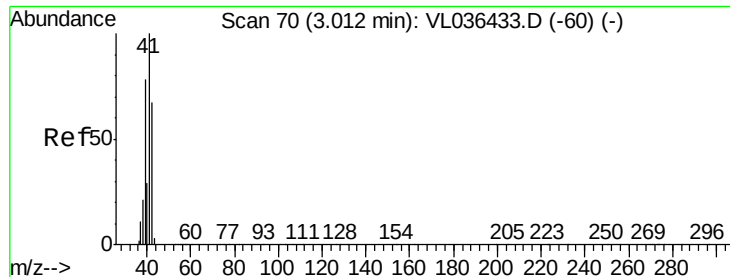
Tgt Ion: 85 Resp: 126910

Ion Ratio Lower Upper

85 100

135 68.3 52.8 79.2



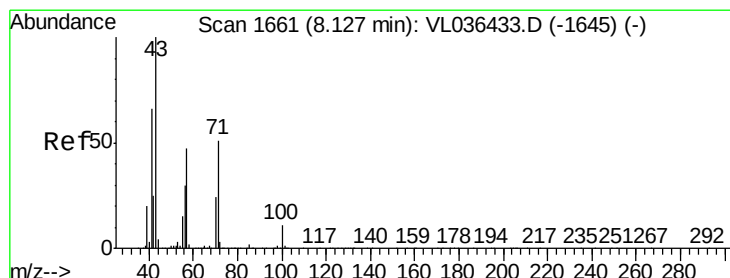
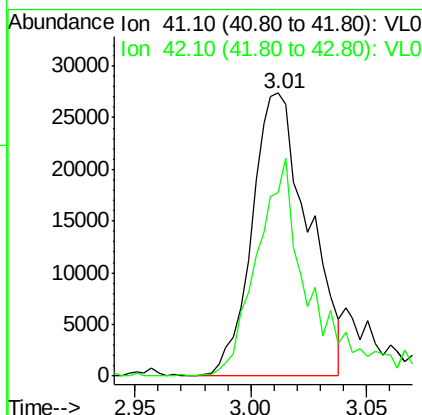
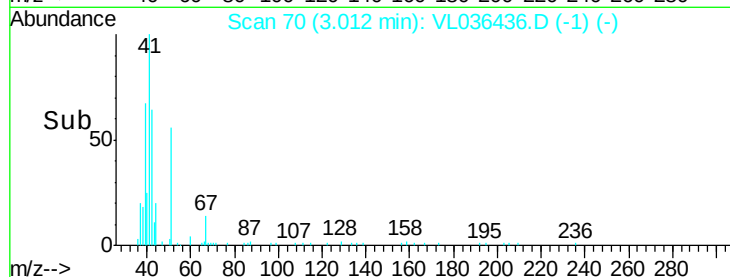
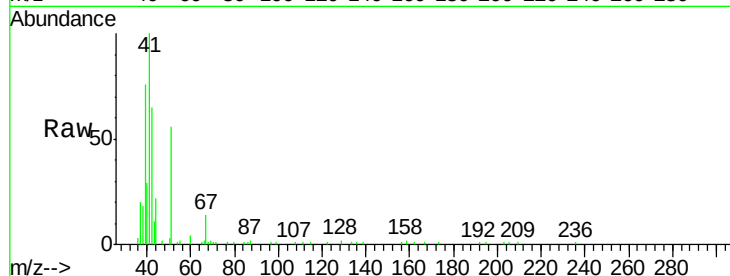


#9
 Propene
 Concen: 0.581 ppbv
 RT: 3.01 min
 Delta R.T.: 0.01 min
 Lab File: VSTDIC0.5
 Acq: 3 Mar 2021 11:28

Tot Ion:
 Ion Ratio
 41 100
 42 76.

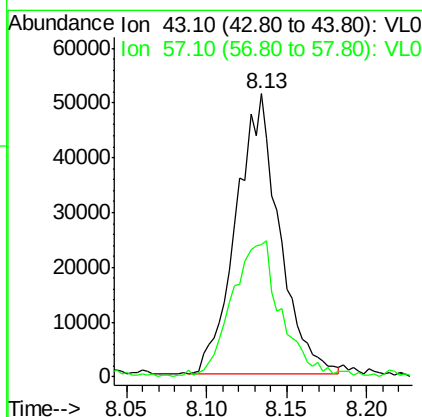
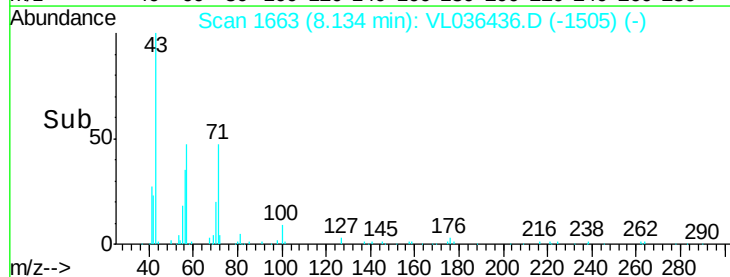
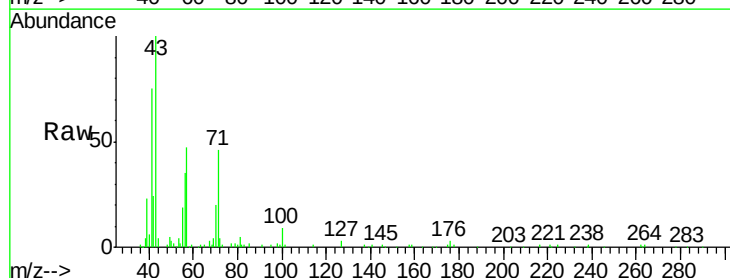
Manual Integrations
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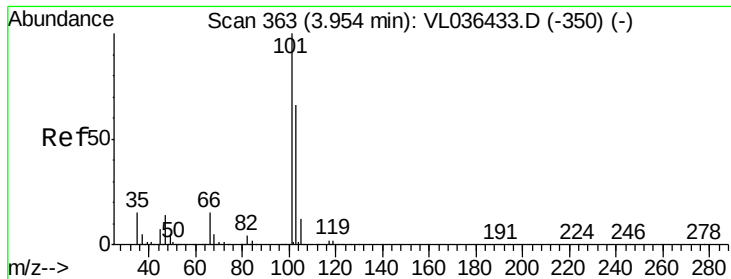
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#10
 Heptane
 Concen: 0.406 ppbv
 RT: 8.13 min Scan# 1663
 Delta R.T.: 0.01 min
 Lab File: VL036436.D
 Acq: 3 Mar 2021 11:28

Tgt Ion: 43 Resp: 95027
 Ion Ratio Lower Upper
 43 100
 57 53.5 39.1 58.7



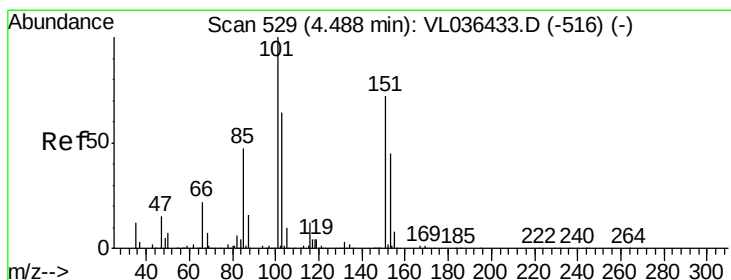
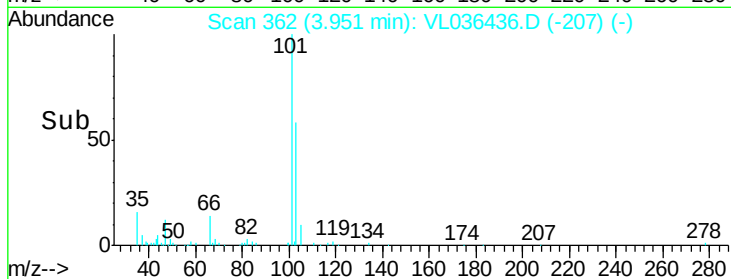
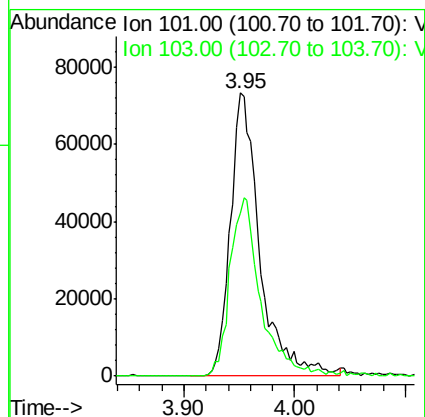
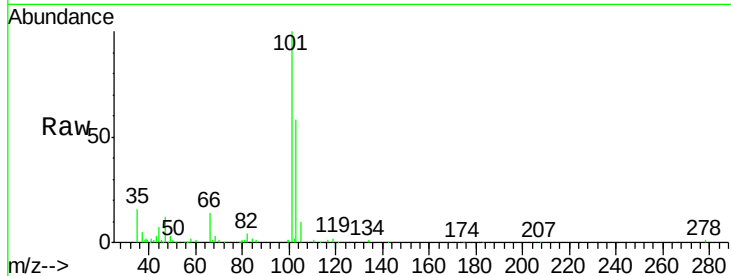


#11
 Trichlorofluoromethane
 Concen: 0.542 ppbv m
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 3 Mar 2021 11:28

Tot Ion:1
 Ion Rati
 101 100
 103 57.

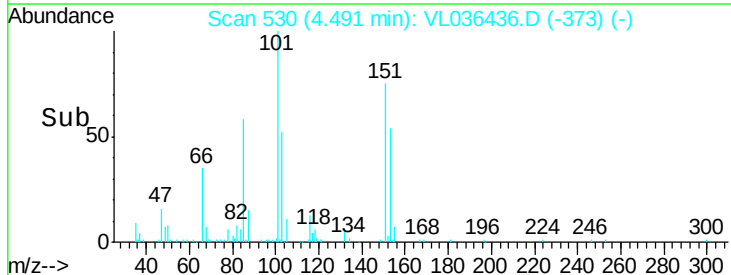
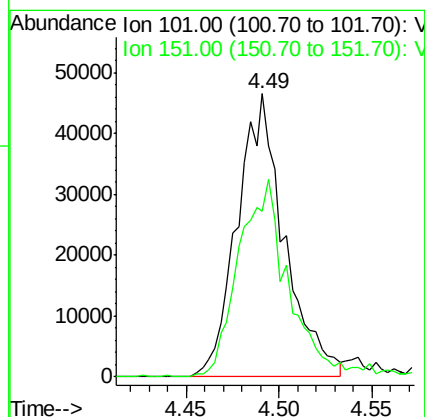
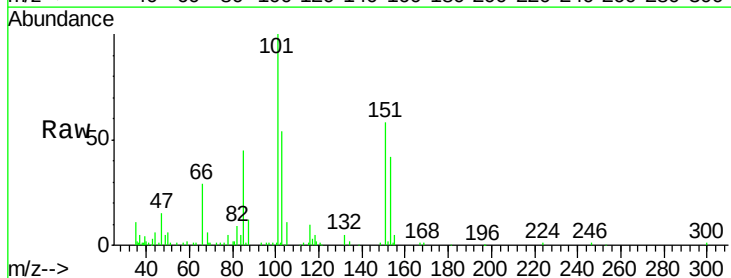
Manual Integrations
 APPROVED

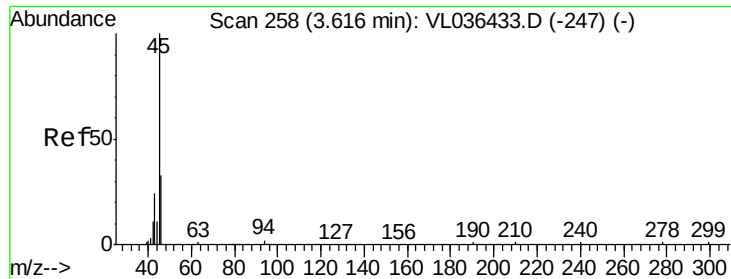
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.528 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VL036436.D
 Acq: 3 Mar 2021 11:28

Tgt Ion:101 Resp: 81920
 Ion Ratio Lower Upper
 101 100
 151 75.8 59.0 88.4



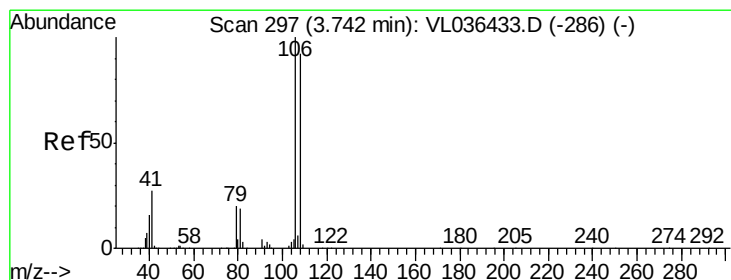
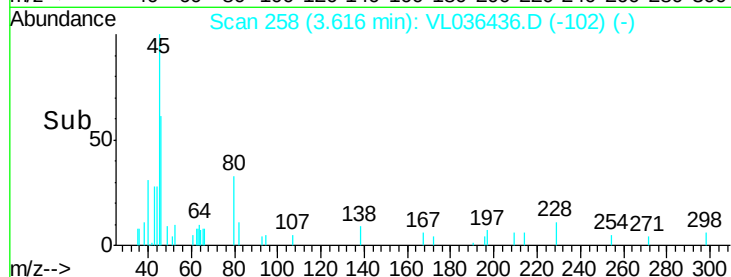
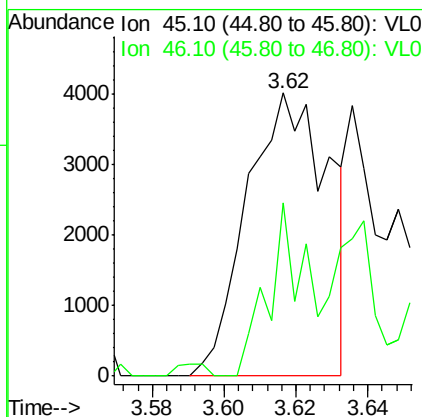
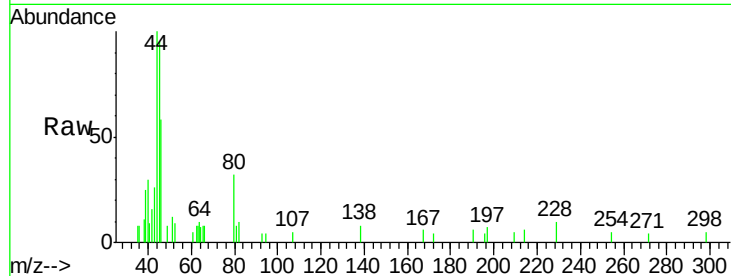


#13
Ethanol
Concen: 0.424 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 11:28

Tot Ion:
Ion Ratio
45 100
46 60.

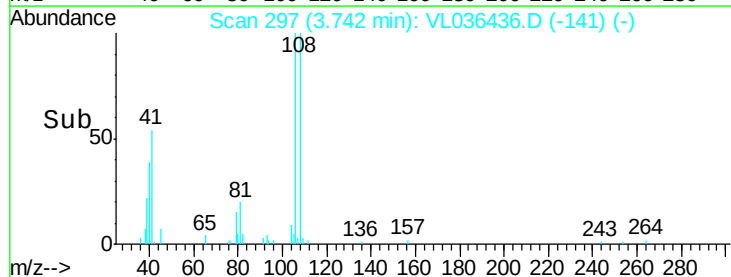
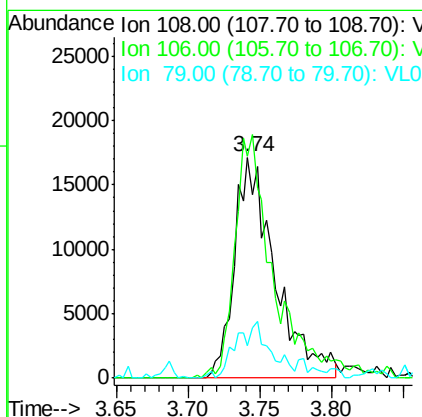
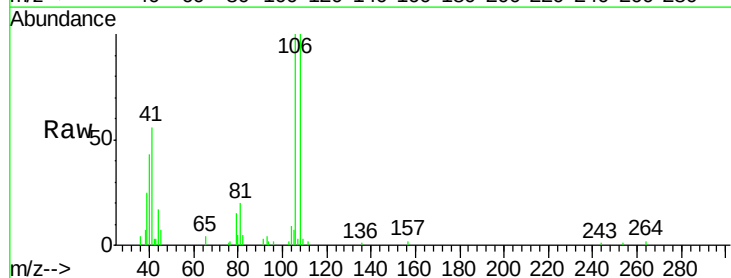
Manual Integrations
APPROVED

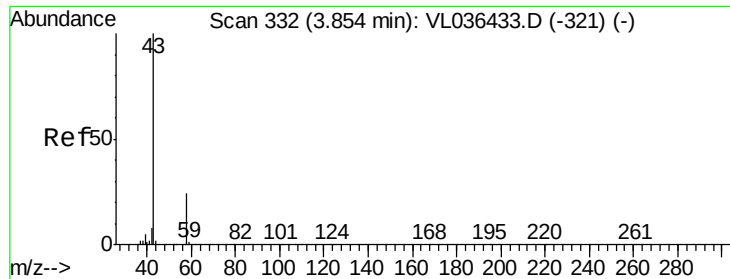
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#14
Bromoethene
Concen: 0.519 ppbv m
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion:108 Resp: 33658
Ion Ratio Lower Upper
108 100
106 106.7 87.0 130.4
79 25.7 17.1 25.7#



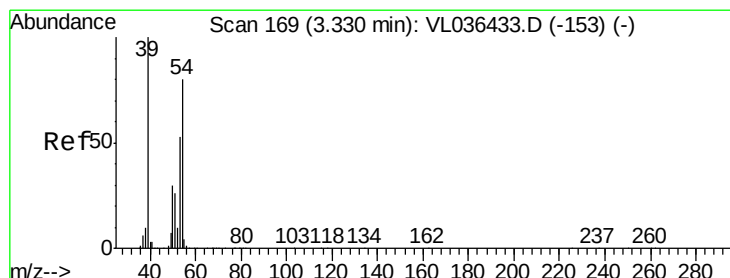
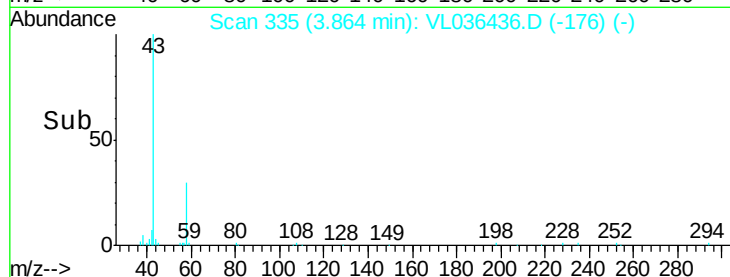
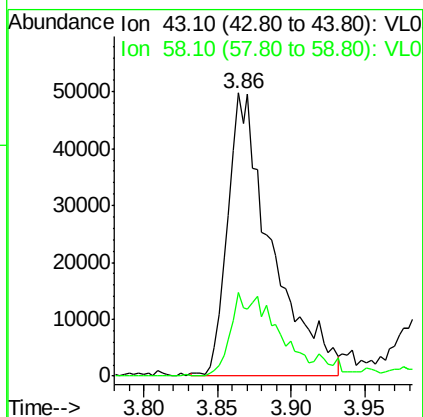
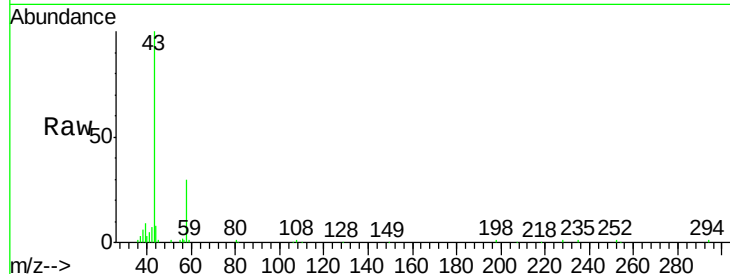


#15
Acetone
Concen: 0.493 ppbv m
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 11:28

Tot Ion:
Ion Ratio
43 100
58 35.

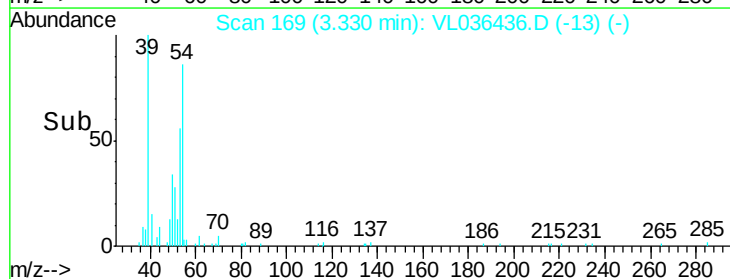
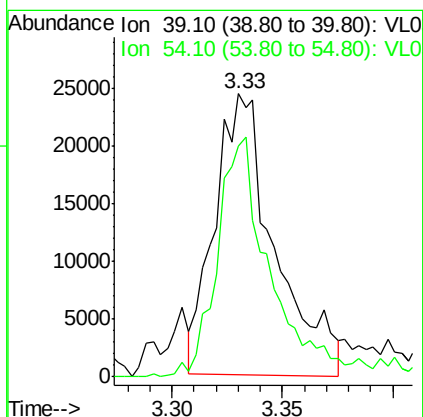
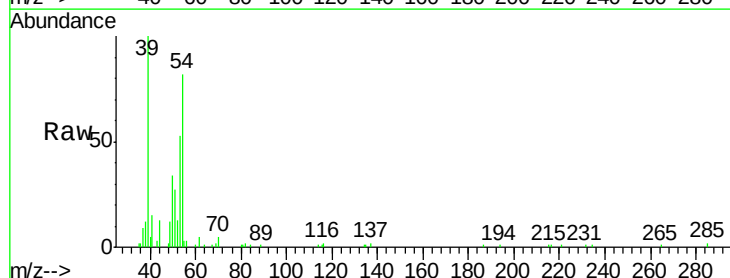
Manual Integrations
APPROVED

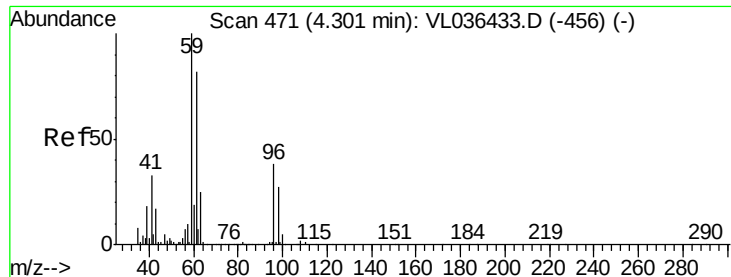
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#16
1,3-Butadiene
Concen: 0.462 ppbv m
RT: 3.33 min Scan# 169
Delta R.T. 0.00 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion: 39 Resp: 46243
Ion Ratio Lower Upper
39 100
54 78.1 64.5 96.7





#17

tert-Butyl alcohol

Concen: 0.537 ppbv m

RT: 4.31 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 11:28 VSTDIC0.5

Tot Ion:

Ion Ratio

59 100

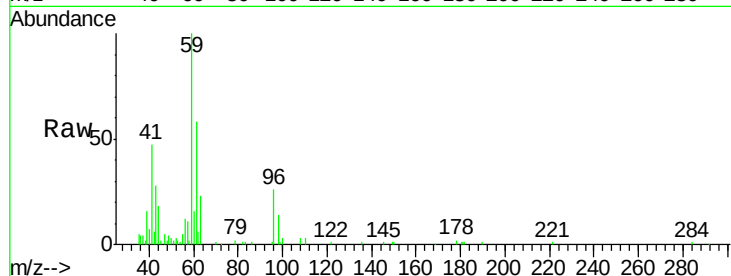
57 11.

Manual Integrations

APPROVED

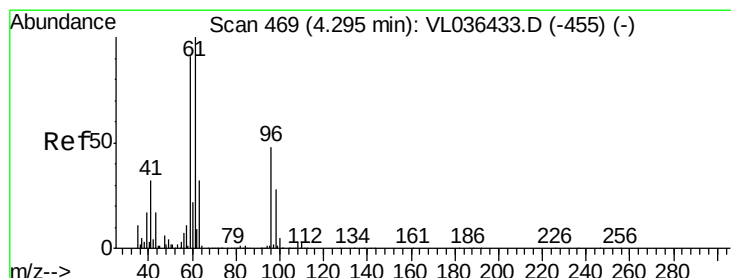
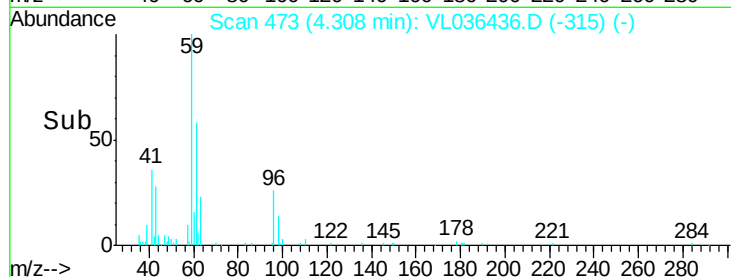
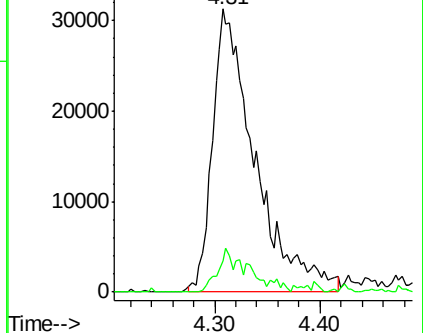
Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 0.513 ppbv m

RT: 4.29 min Scan# 467

Delta R.T. -0.01 min

Lab File: VL036436.D

Acq: 3 Mar 2021 11:28

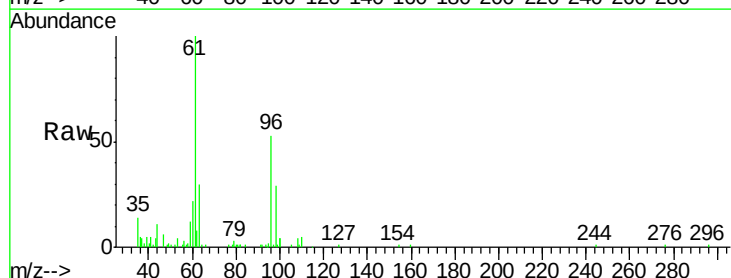
Tgt Ion: 96 Resp: 36162

Ion Ratio Lower Upper

96 100

61 187.7 168.2 252.2

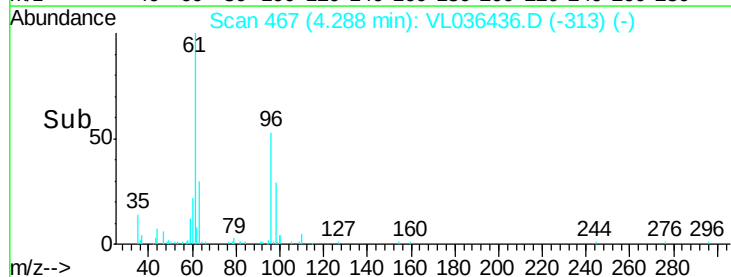
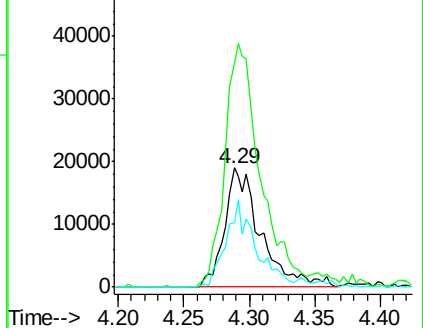
98 54.3 47.8 71.6

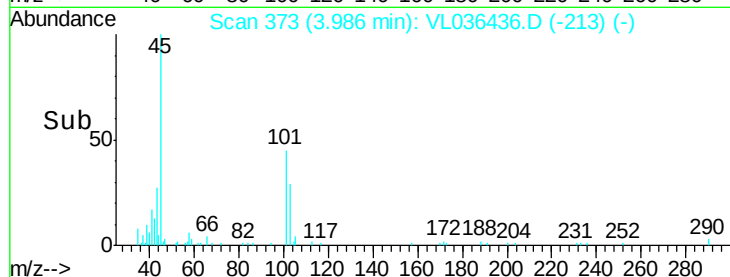
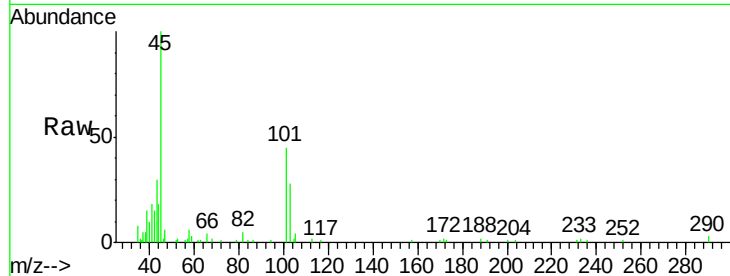
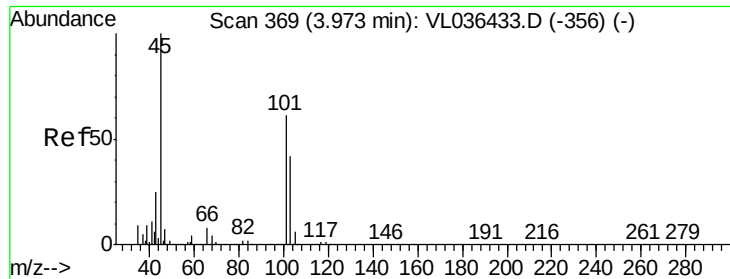


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



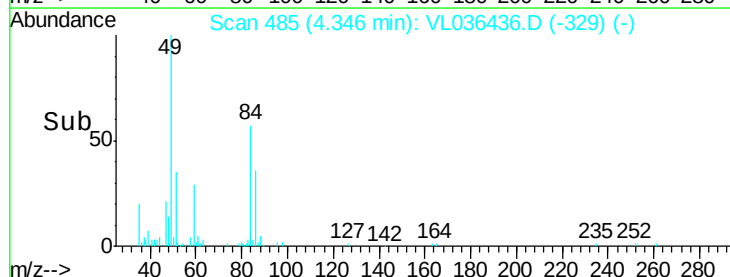
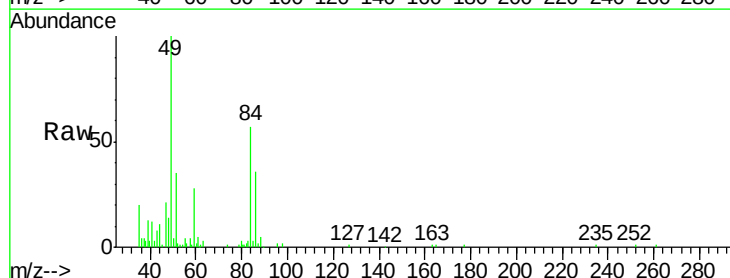
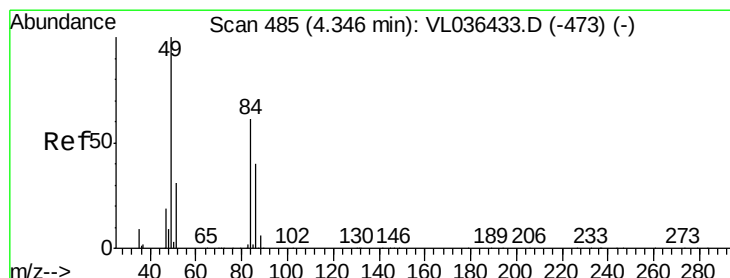
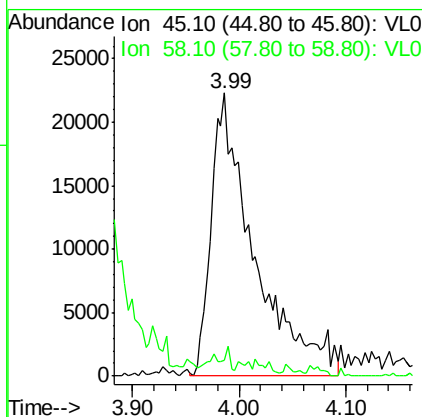


#19
Isopropyl Alcohol
Concen: 0.533 ppbv m
RT: 3.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 11:28

Tot Ion:
Ion Ratio
45 100
58 9.

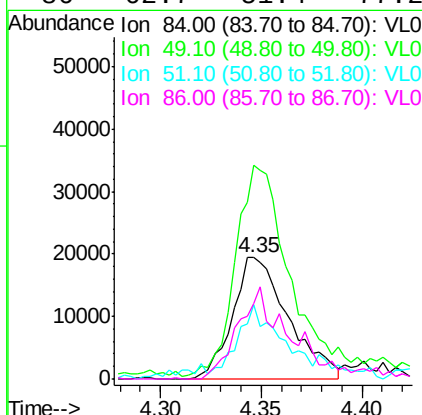
Manual Integrations
APPROVED

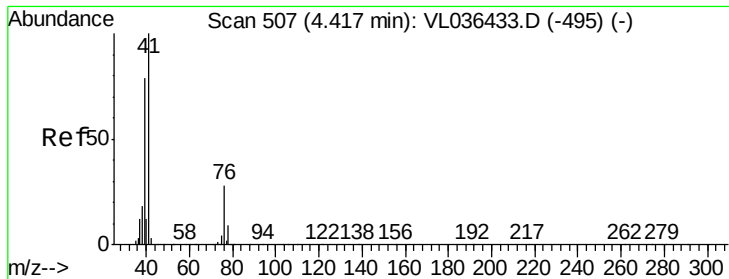
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#20
Methylene Chloride
Concen: 0.556 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion: 84 Resp: 37585
Ion Ratio Lower Upper
84 100
49 173.1 130.2 195.2
51 53.7 40.5 60.7
86 62.7 51.4 77.2



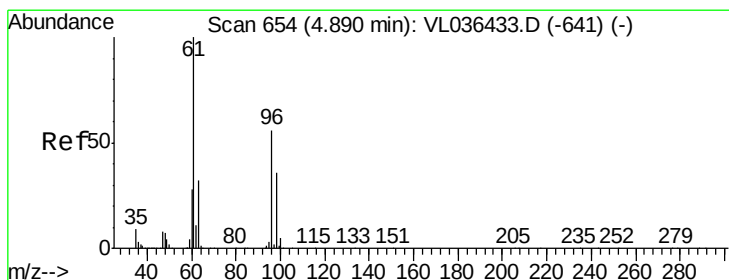
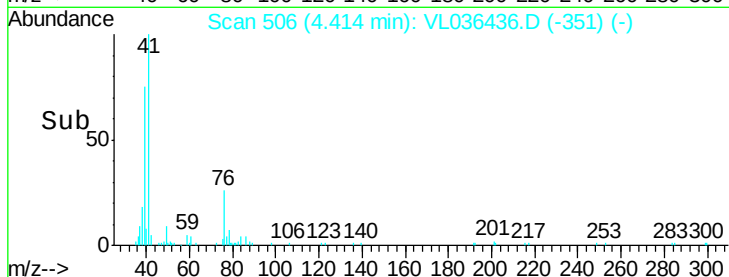
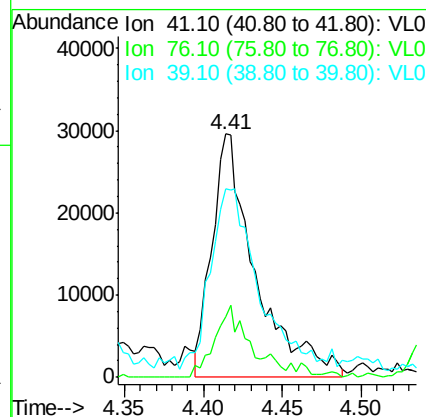
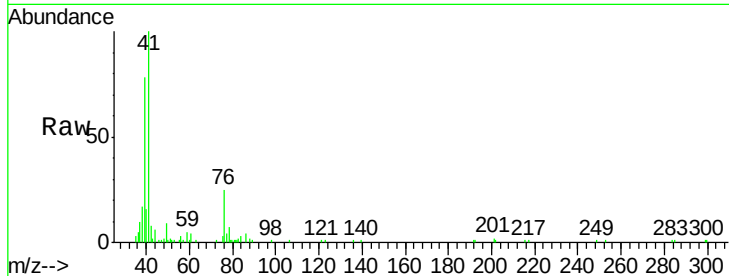


#21
 Allvl Chloride
 Concen: 0.496 ppbv m
 RT: 4.41
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 11:28

Tot Ion:
 Ion Ratio
 41 100
 76 27.
 39 82.

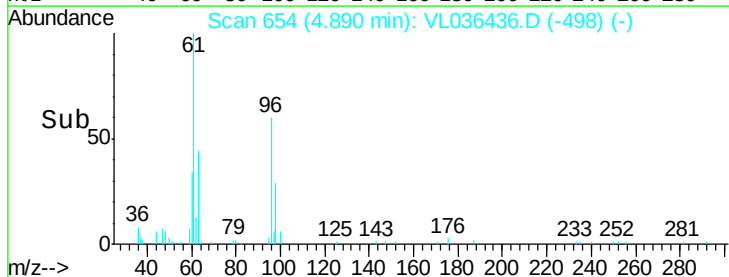
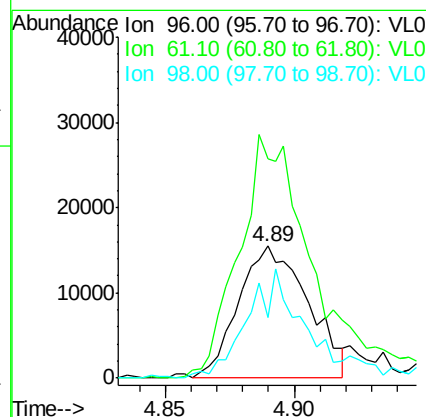
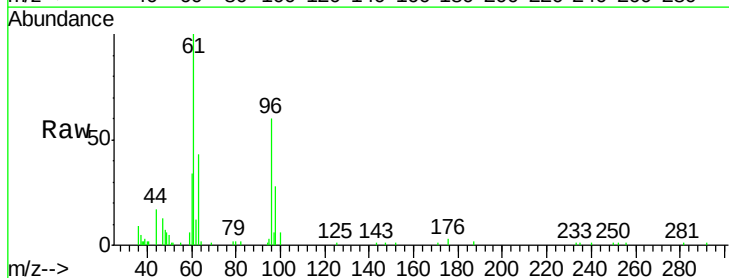
Manual Integrations
 APPROVED

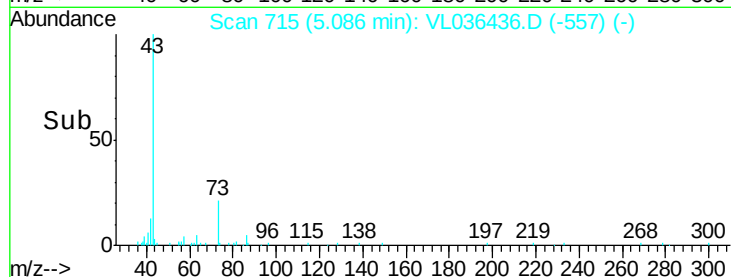
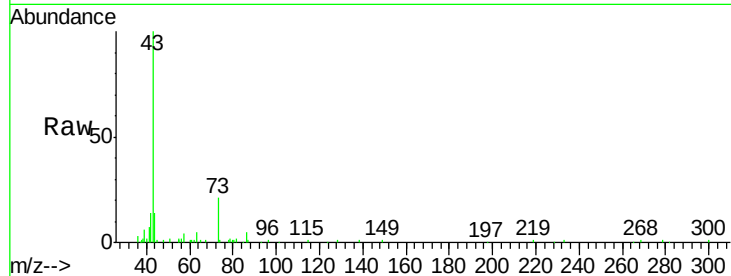
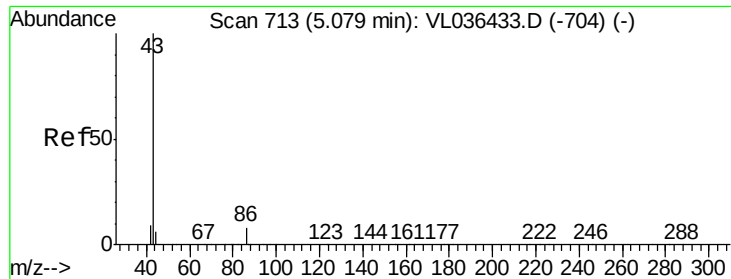
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#22
 trans-1,2-Dichloroethene
 Concen: 0.454 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: VL036436.D
 Acq: 3 Mar 2021 11:28

Tgt Ion: 96 Resp: 29052
 Ion Ratio Lower Upper
 96 100
 61 161.0 142.1 213.1
 98 43.3 50.6 75.8#



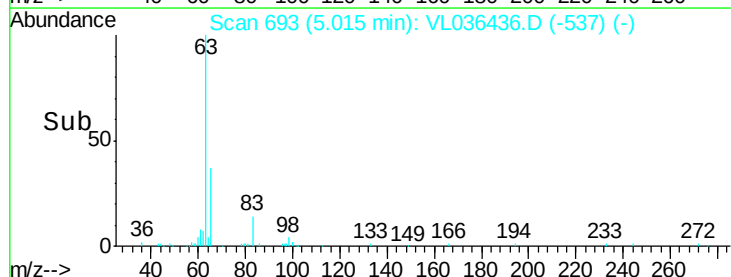
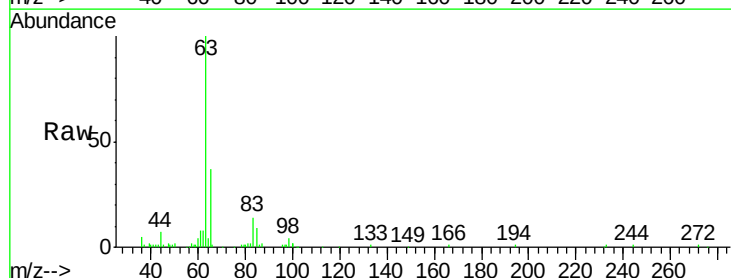
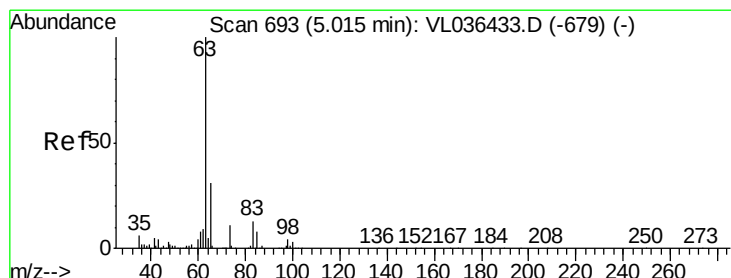
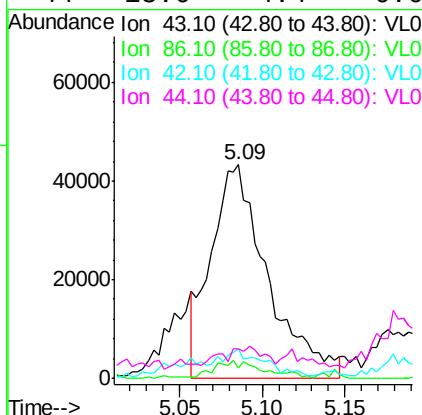


#23
 Vinyl Acetate
 Concen: 0.419 ppbv m
 RT: 5.09
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 3 Mar 2021 11:28

Tot Ion:
 Ion Ratio
 43 100
 86 4.
 42 13.
 44 13.6 4.4 6.6#

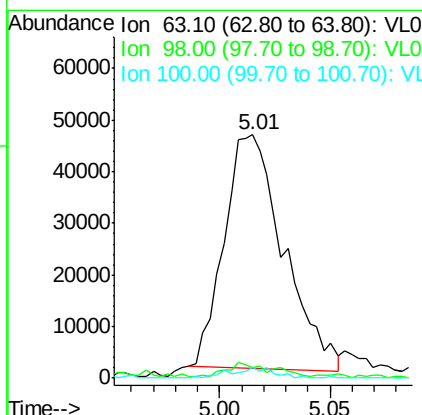
Manual Integrations
 APPROVED

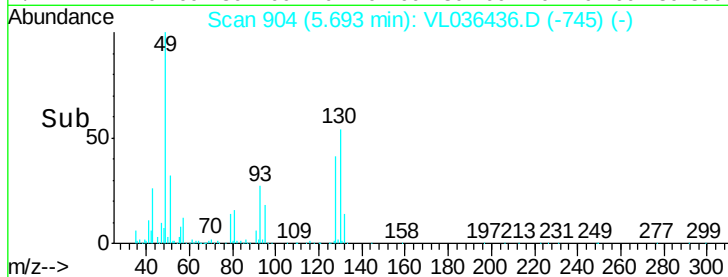
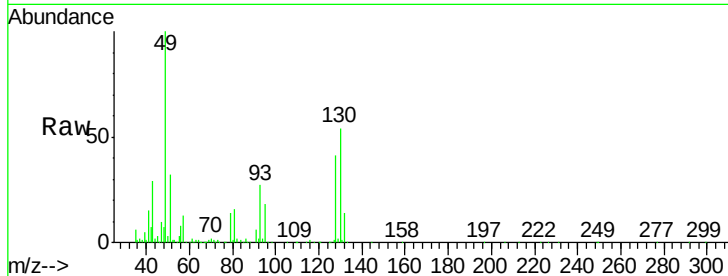
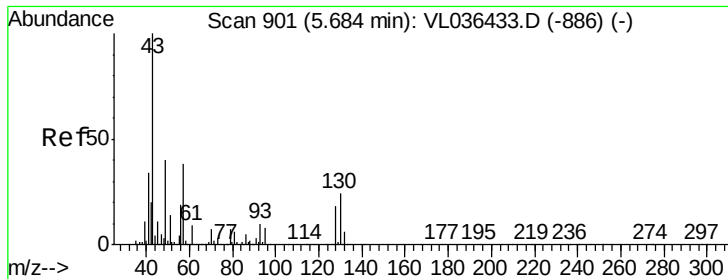
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#24
 1,1-Dichloroethane
 Concen: 0.467 ppbv
 RT: 5.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VL036436.D
 Acq: 3 Mar 2021 11:28

Tgt Ion: 63 Resp: 85095
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.0 5.8
 100 4.9 1.3 3.8#



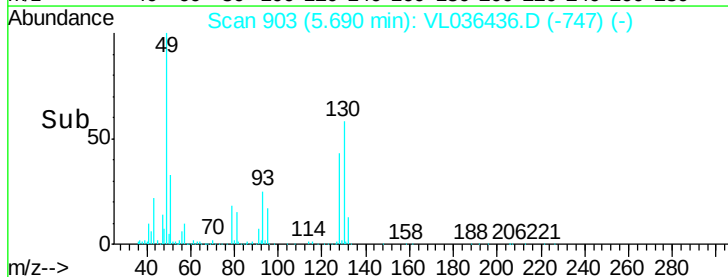
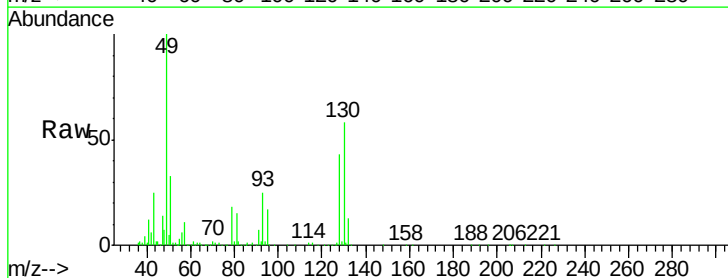
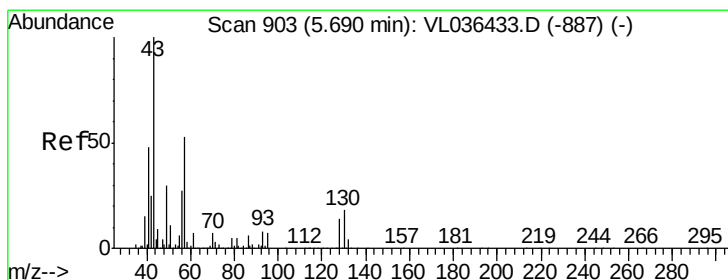
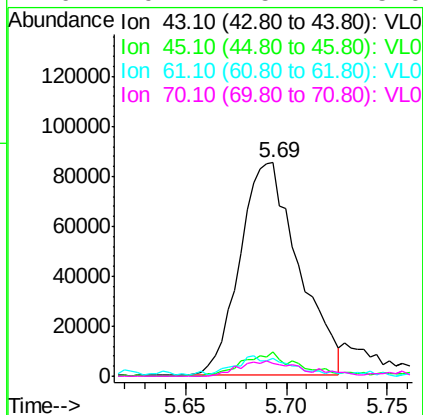


#25
Ethyl Acetate
Concen: 0.429 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 11:28

Tot Ion:
Ion Ratio
43 100
45 10.
61 10.
70 9.4 5.4 8.0#

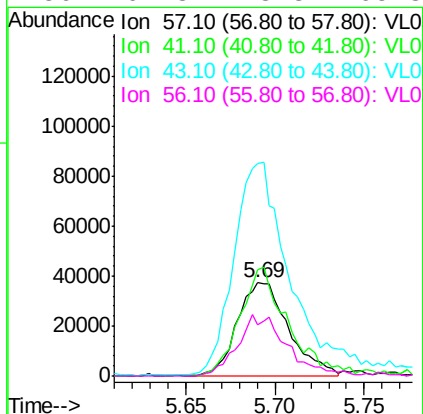
Manual Integrations
APPROVED

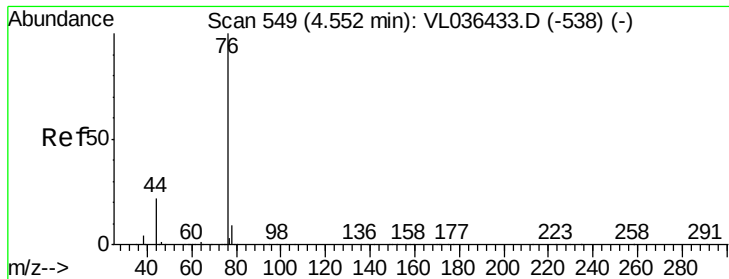
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#26
Hexane
Concen: 0.453 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.00 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion: 57 Resp: 75191
Ion Ratio Lower Upper
57 100
41 116.9 80.4 120.6
43 264.9 199.8 299.6
56 64.8 43.8 65.8



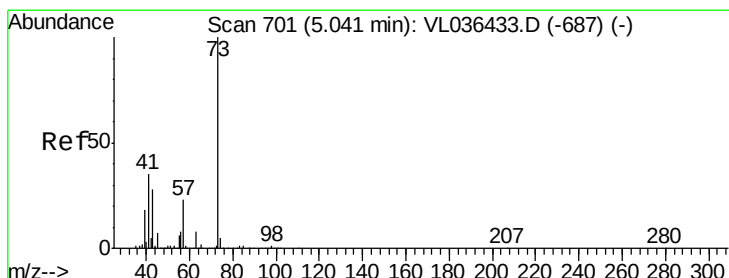
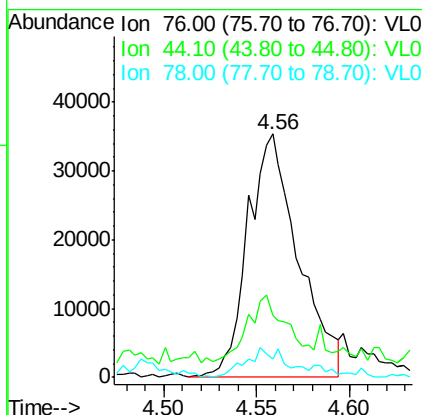
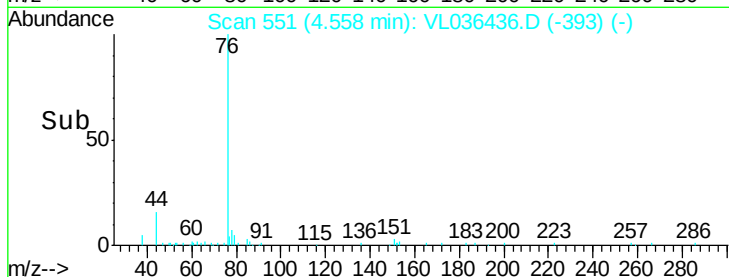
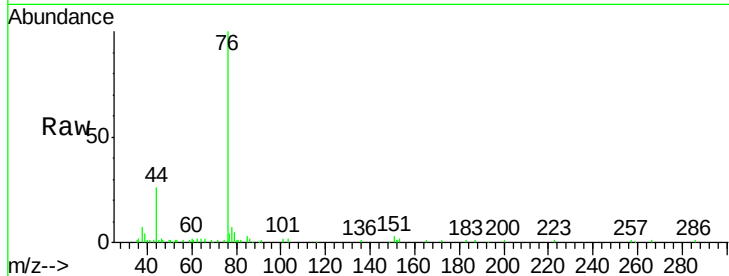


#27
Carbon Disulfide
Concen: 0.438 ppbv
RT: 4.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 11:28

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

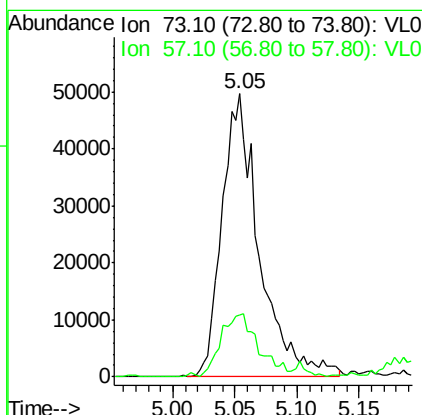
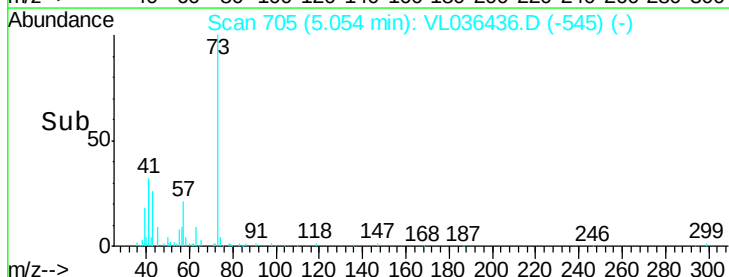
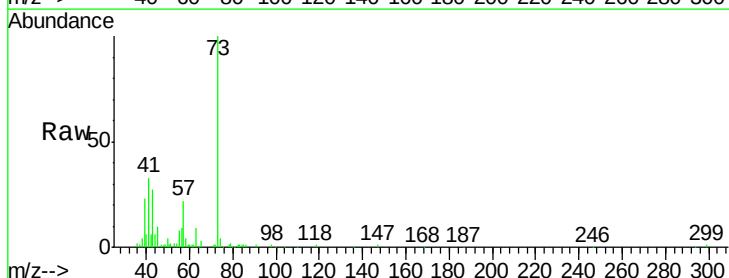
Manual Integrations
APPROVED

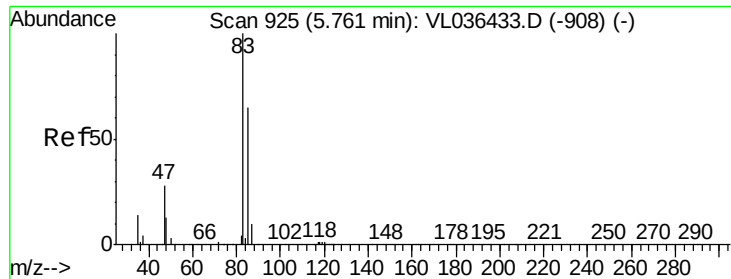
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#28
Methyl tert-Butyl Ether
Concen: 0.479 ppbv m
RT: 5.05 min Scan# 705
Delta R.T. 0.01 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion: 73 Resp: 103948
Ion Ratio Lower Upper
73 100
57 24.4 19.0 28.6



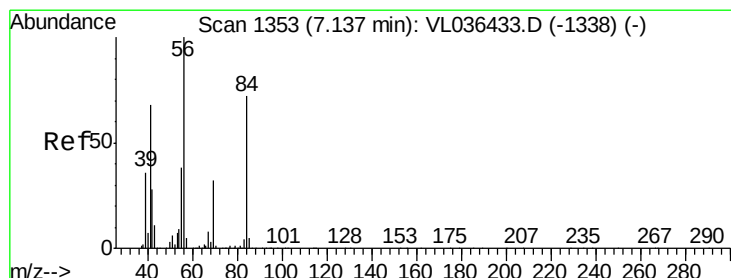
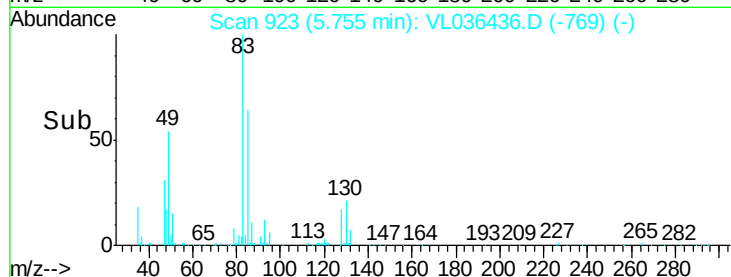
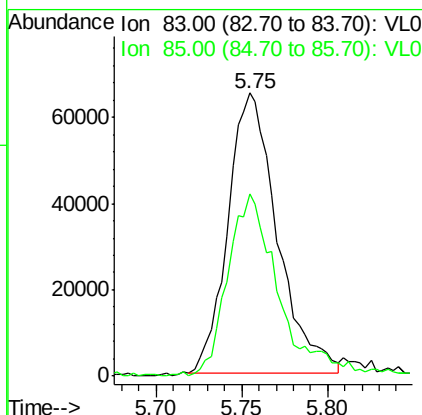
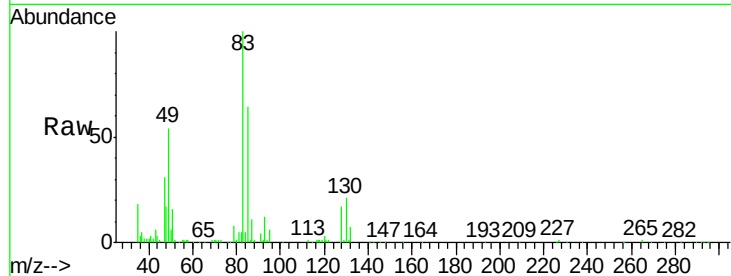


#29
Chloroform
Concen: 0.483 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 11:28

Tot Ion:
Ion Rati
83 100
85 64.

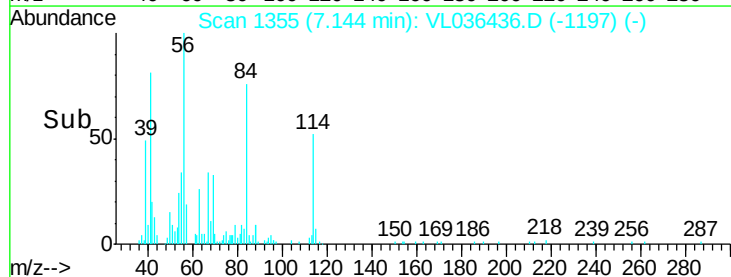
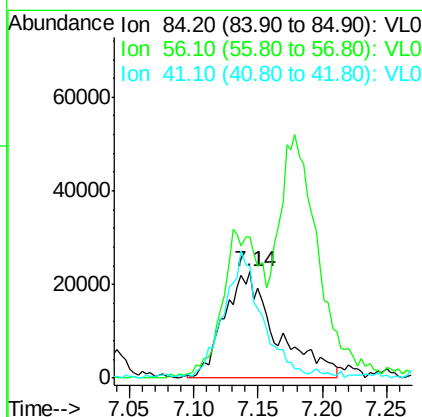
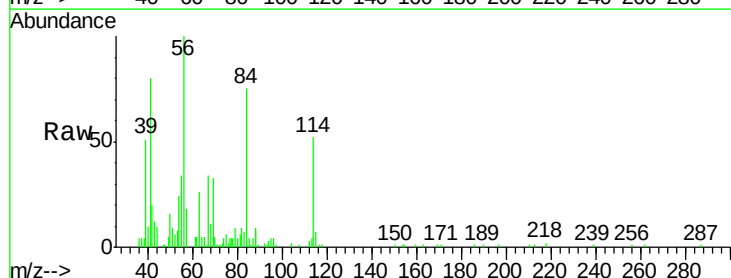
Manual Integrations
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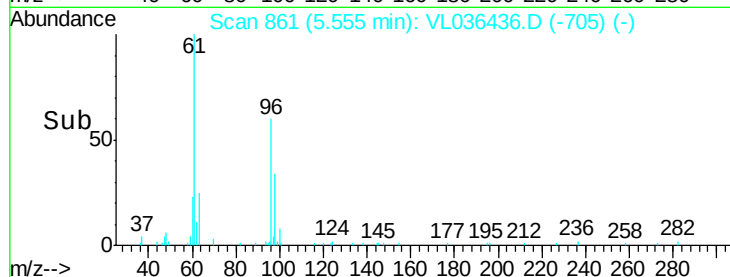
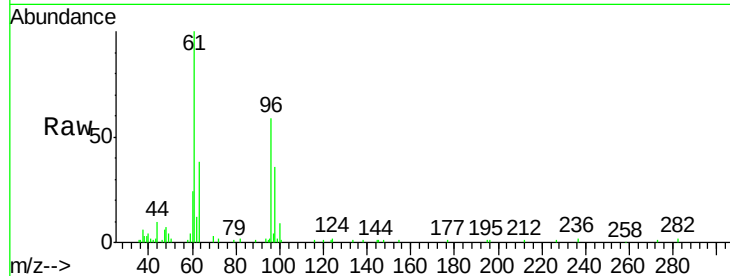
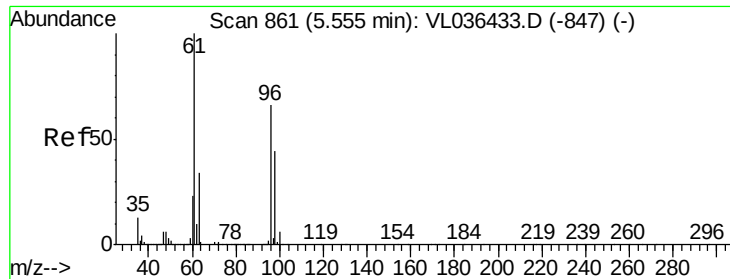
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#30
Cyclohexane
Concen: 0.462 ppbv m
RT: 7.14 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion: 84 Resp: 63849
Ion Ratio Lower Upper
84 100
56 0.0 117.6 176.4#
41 92.4 75.9 113.9



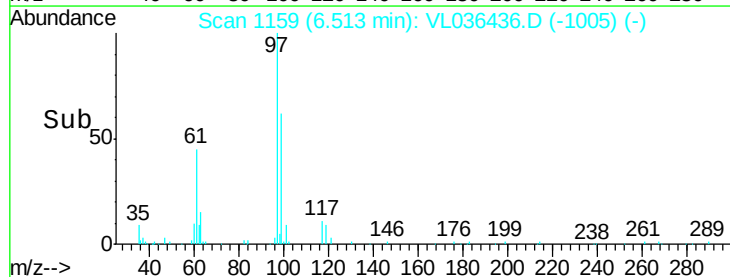
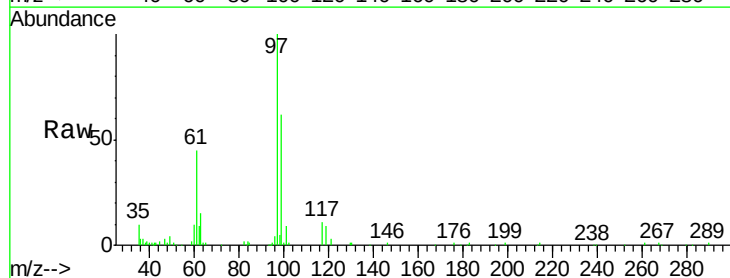
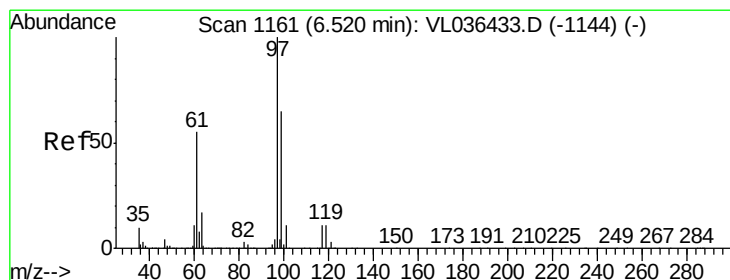
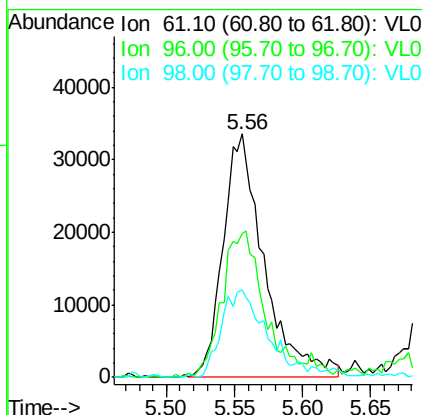


#31
 cis-1,2-Dichloroethene
 Concen: 0.428 ppbv m
 RT: 5.56
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 3 Mar 2021 11:28

Tot Ion:
 Ion Ratio
 61 100
 96 58.
 98 36.

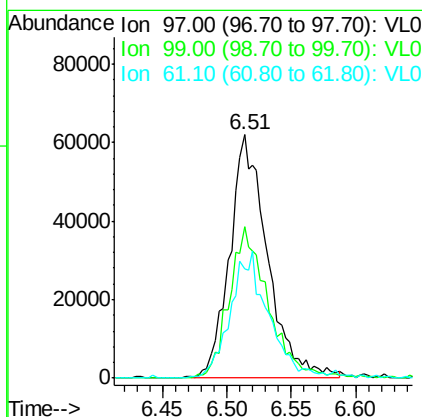
Manual Integrations
 APPROVED

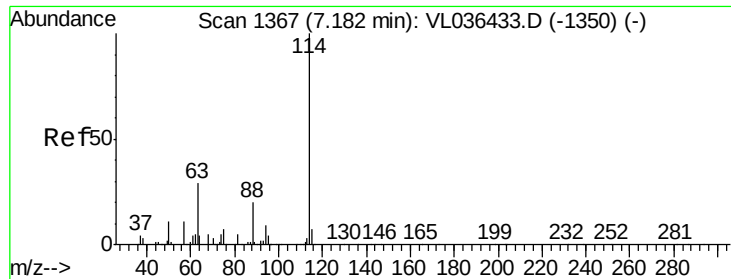
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#32
 1,1,1-Trichloroethane
 Concen: 0.507 ppbv m
 RT: 6.51 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: VL036436.D
 Acq: 3 Mar 2021 11:28

Tgt Ion: 97 Resp: 126733
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.1 78.1#
 61 53.9 42.2 63.4



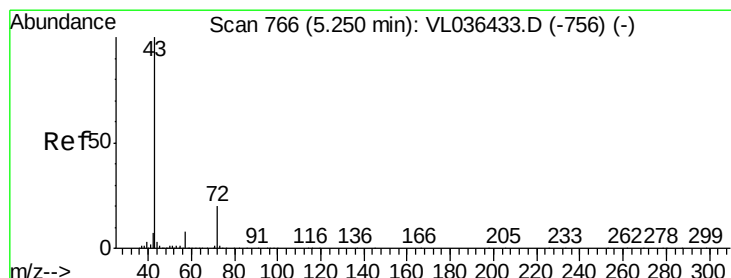
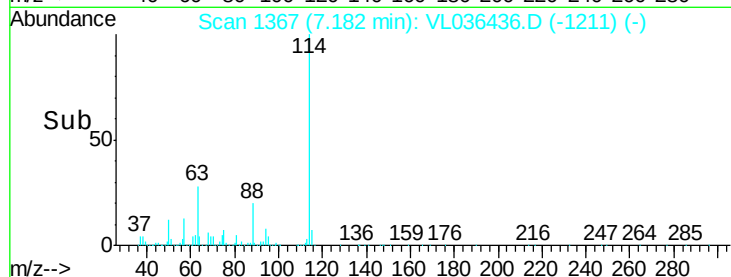
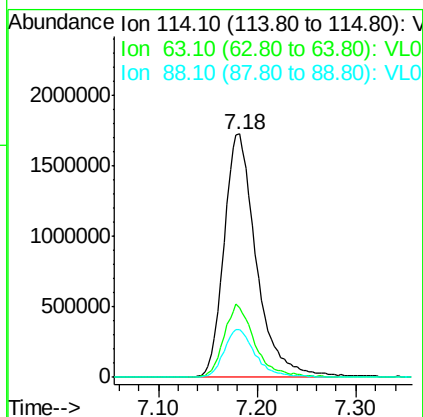
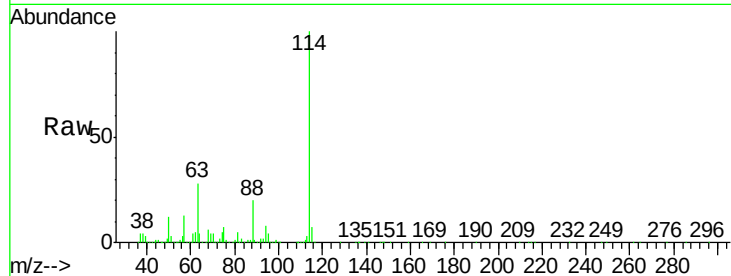


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 11:28

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

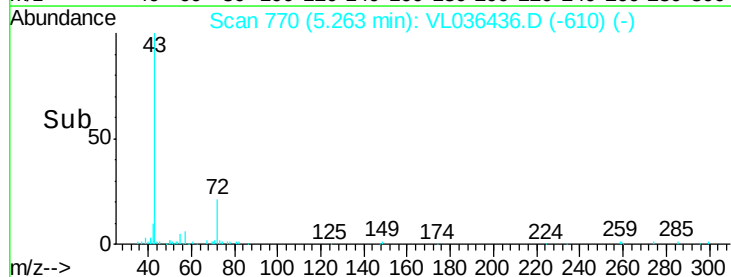
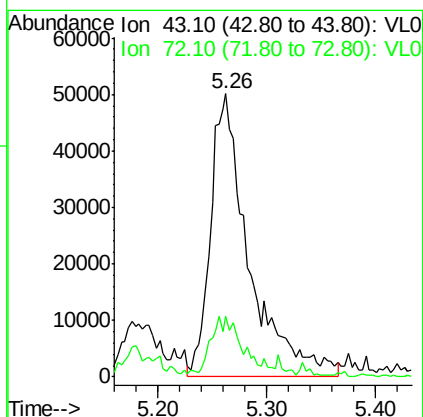
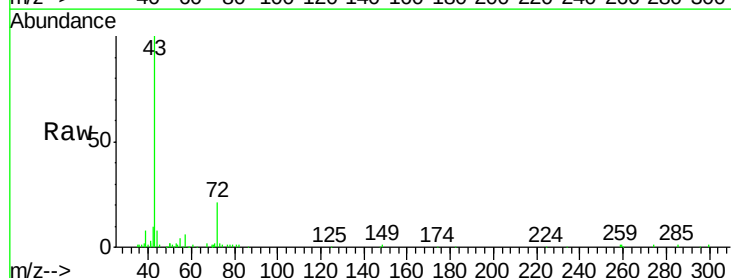
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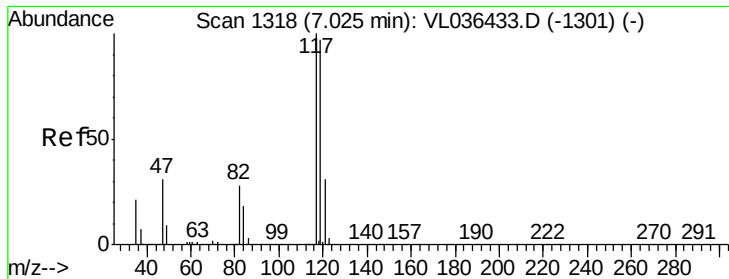
Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021



#34
 2-Butanone
 Concen: 0.471 ppbv m
 RT: 5.26 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: VL036436.D
 Acq: 3 Mar 2021 11:28

Tgt Ion: 43 Resp: 123769
 Ion Ratio Lower Upper
 43 100
 72 20.0 16.7 25.1



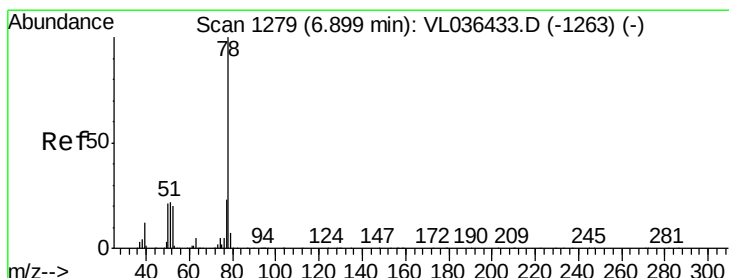
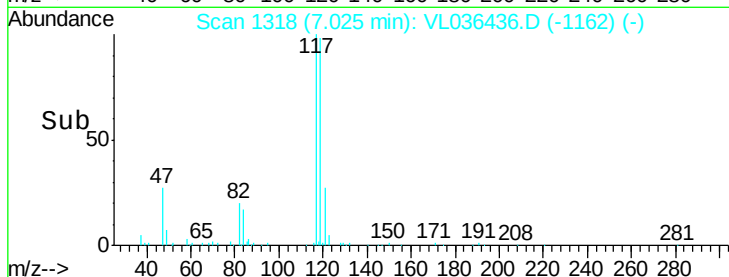
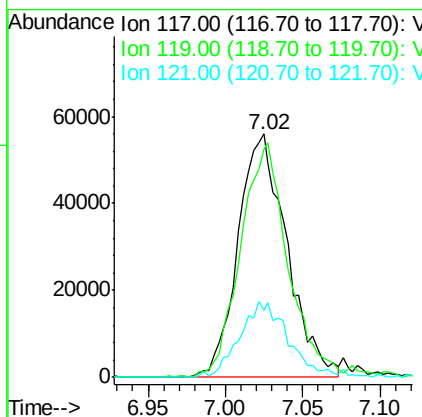
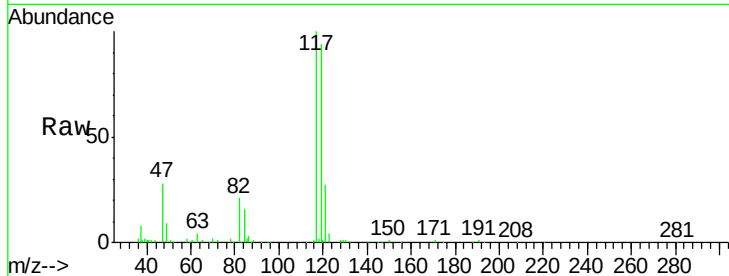


#35
Carbon Tetrachloride
Concen: 0.463 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 11:28

Tot Ion:1
Ion Rati
117 100
119 93.
121 26.

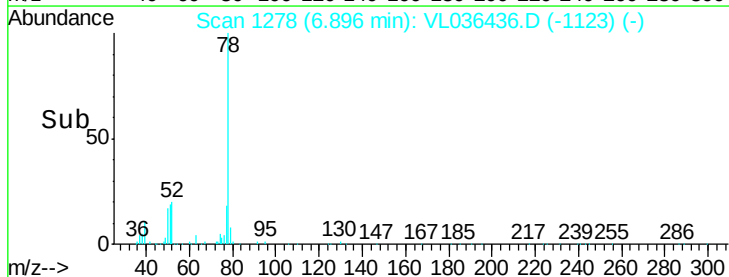
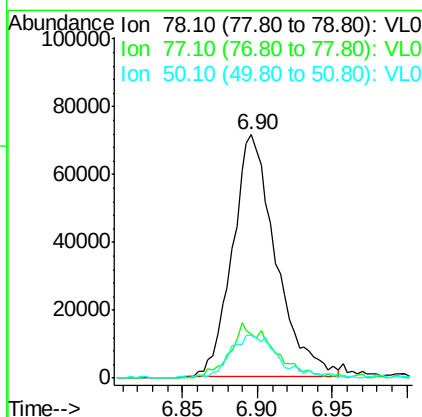
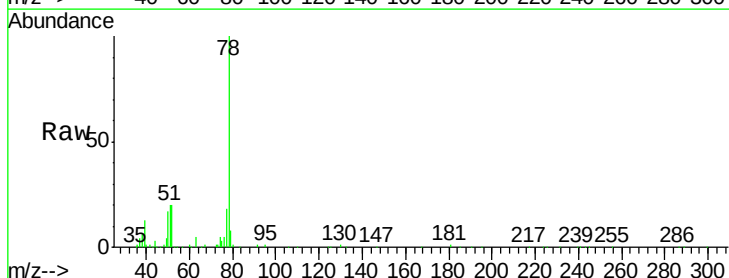
Manual Integrations
APPROVED

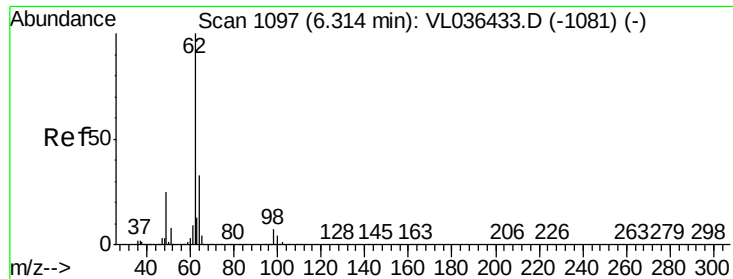
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#36
Benzene
Concen: 0.431 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion: 78 Resp: 144702
Ion Ratio Lower Upper
78 100
77 18.3 18.1 27.1
50 17.4 16.8 25.2



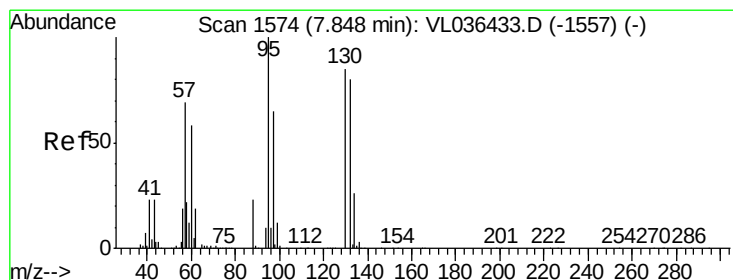
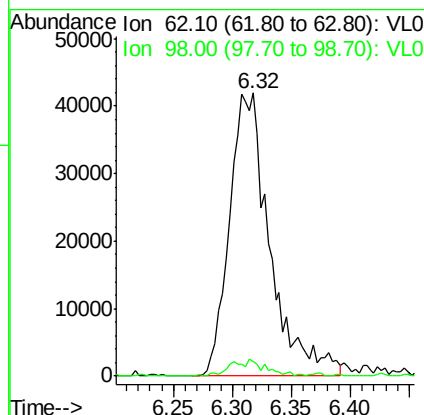
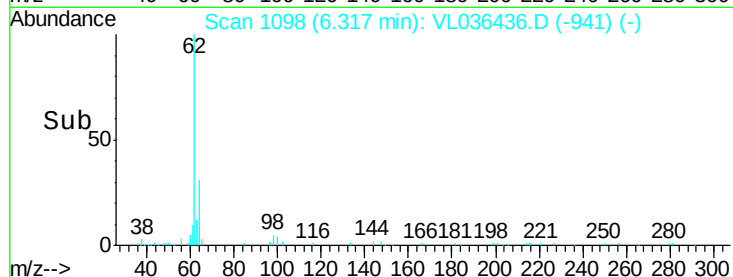
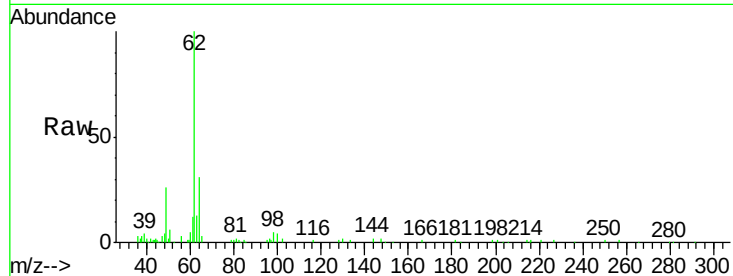


#37
 1,2-Dichloroethane
 Concen: 0.479 ppbv m
 RT: 6.32
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 3 Mar 2021 11:28

Tot Ion:
 Ion Ratio
 62 100
 98 5.

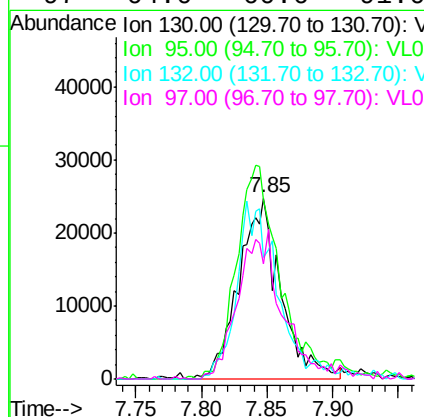
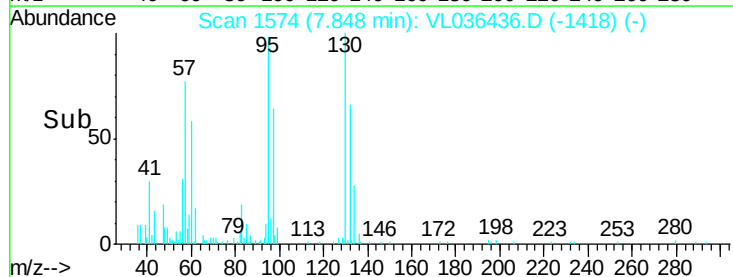
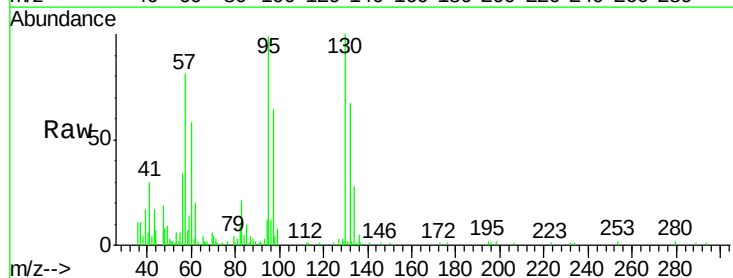
Manual Integrations
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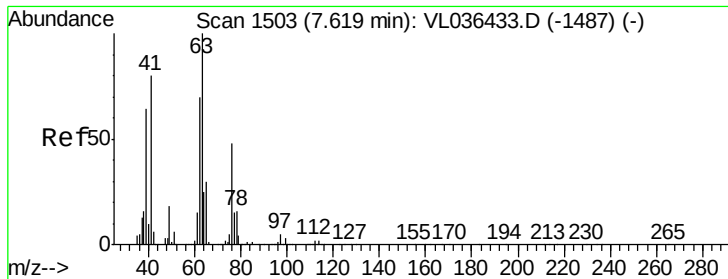
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#38
 Trichloroethene
 Concen: 0.455 ppbv m
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VL036436.D
 Acq: 3 Mar 2021 11:28

Tgt Ion:130 Resp: 54651
 Ion Ratio Lower Upper
 130 100
 95 99.3 93.8 140.8
 132 67.0 74.6 112.0#
 97 64.0 60.6 91.0



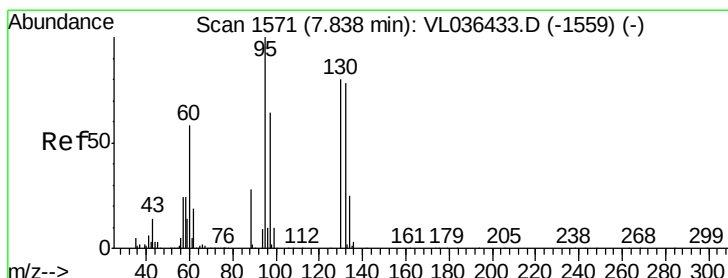
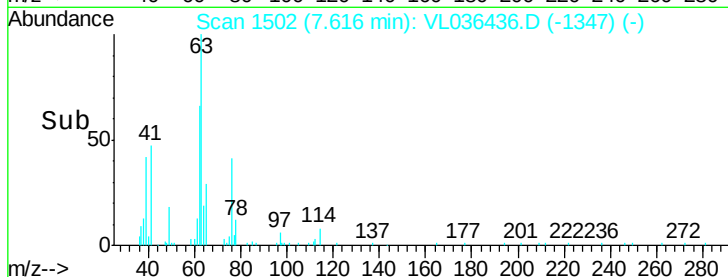
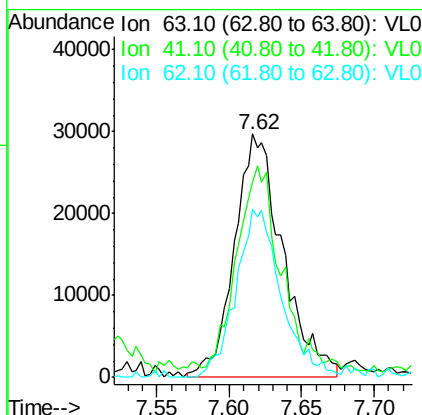
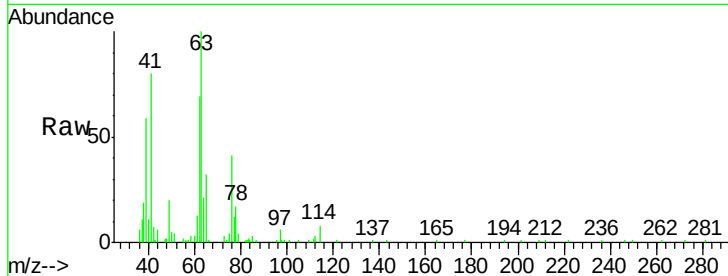


#39
 1,2-Dichloropropane
 Concen: 0.505 ppbv m
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 3 Mar 2021 11:28

Tot Ion:
 Ion Ratio
 63 100
 41 80.
 62 68.

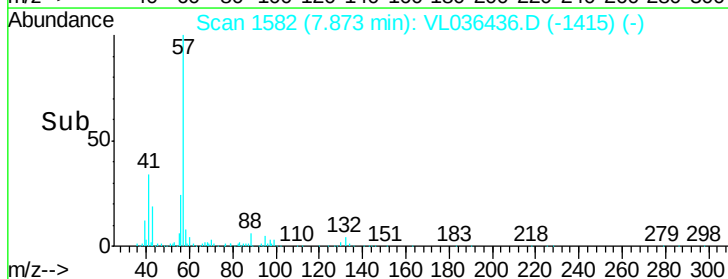
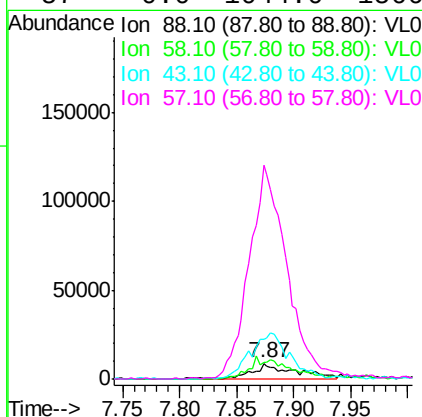
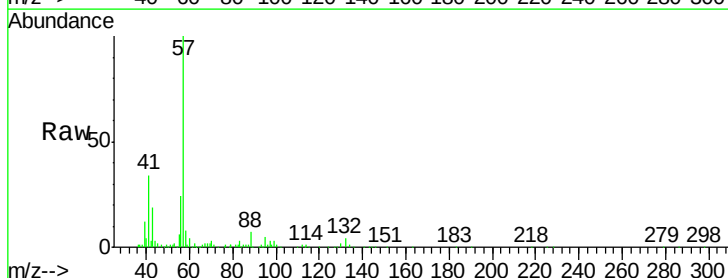
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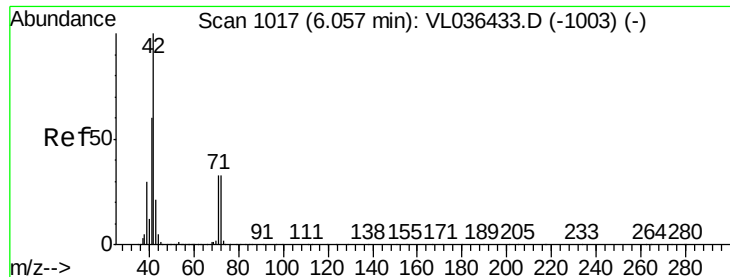
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#40
 1,4-Dioxane
 Concen: 0.478 ppbv m
 RT: 7.87 min Scan# 1582
 Delta R.T. 0.04 min
 Lab File: VL036436.D
 Acq: 3 Mar 2021 11:28

Tgt Ion: 88 Resp: 22570
 Ion Ratio Lower Upper
 88 100
 58 0.0 119.6 179.4#
 43 0.0 254.2 381.4#
 57 0.0 1044.0 1566.0#





#41

Tetrahydrofuran

Concen: 0.381 ppbv m

RT: 6.08 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 11:28 VSTDIC0.5

Tot Ion:

Ion Ratio

42 100

72 33.

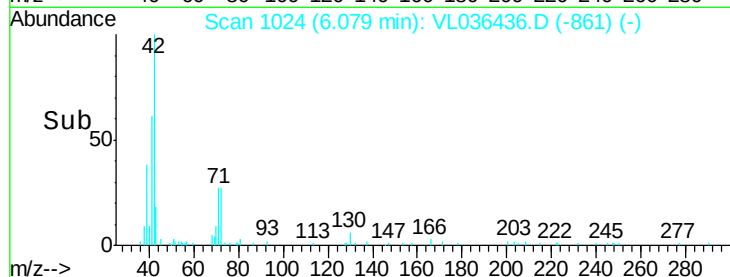
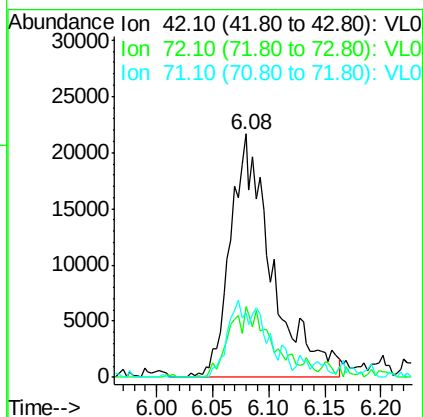
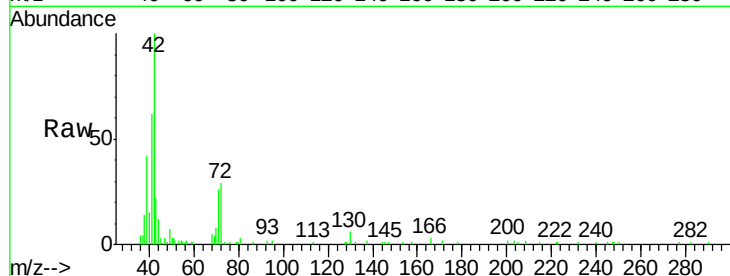
71 36.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#42

Bromodichloromethane

Concen: 0.468 ppbv m

RT: 7.80 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VL036436.D

Acq: 3 Mar 2021 11:28

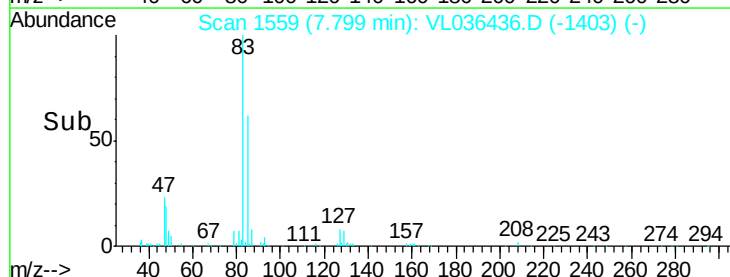
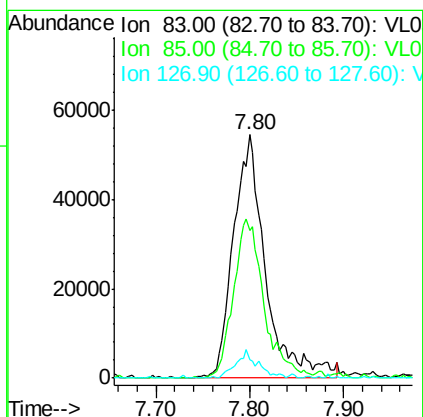
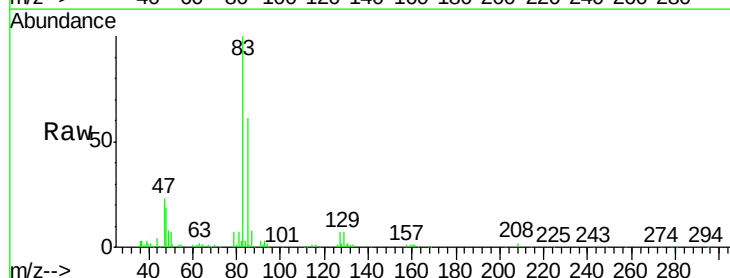
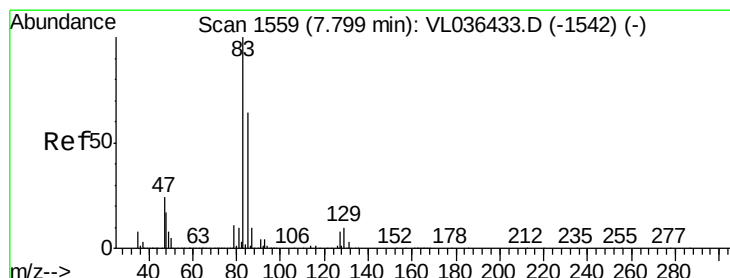
Tgt Ion: 83 Resp: 129986

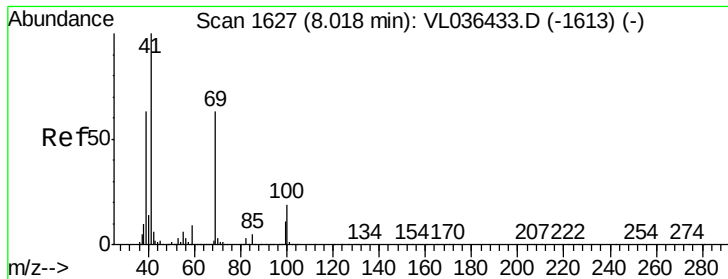
Ion Ratio Lower Upper

83 100

85 60.5 51.2 76.8

127 7.4 6.0 9.0





#43

Methyl Methacrylate

Concen: 0.353 ppbv m

RT: 8.02

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id:

Lab File: VSTDIC0.5

Acq: 3 Mar 2021 11:28

Tot Ion:

Ion Ratio

69 100

41 161.

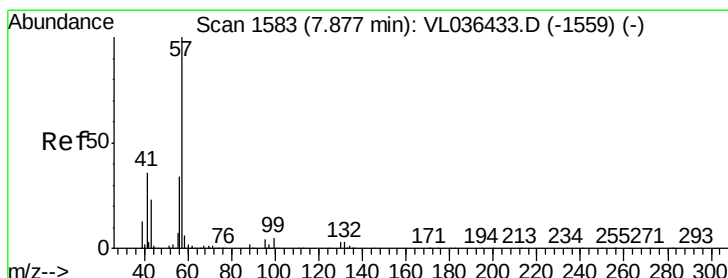
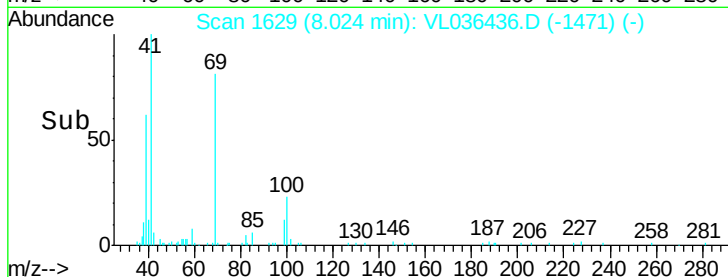
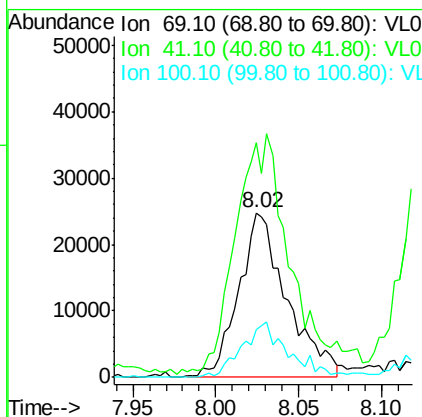
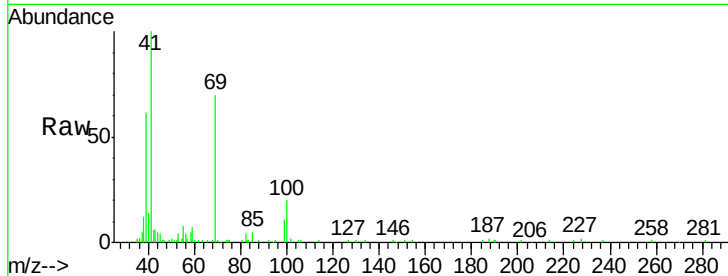
100 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#44

2,2,4-Trimethylpentane

Concen: 0.457 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VL036436.D

Acq: 3 Mar 2021 11:28

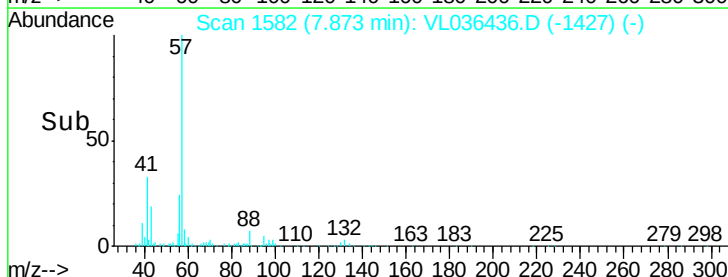
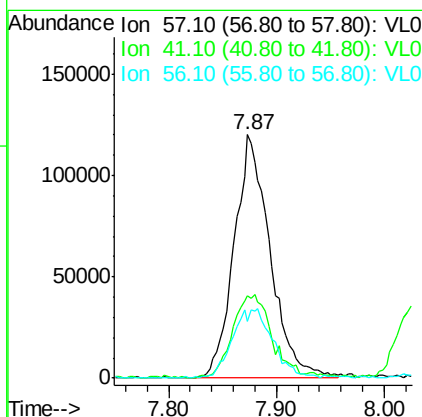
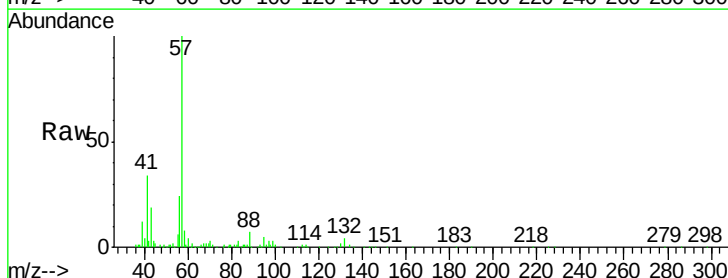
Tgt Ion: 57 Resp: 279126

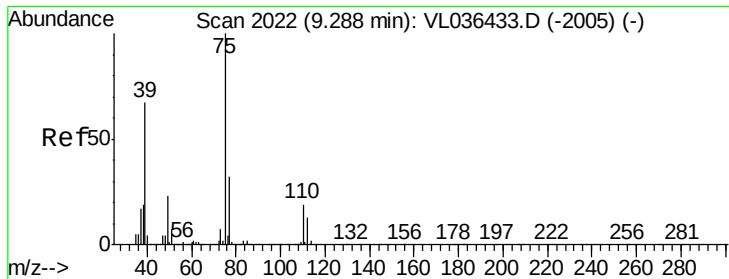
Ion Ratio Lower Upper

57 100

41 37.9 28.2 42.2

56 32.5 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 0.335 ppbv m

RT: 9.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2021 11:28 VSTDIC0.5

Tot Ion:

Ion Ratio

75 100

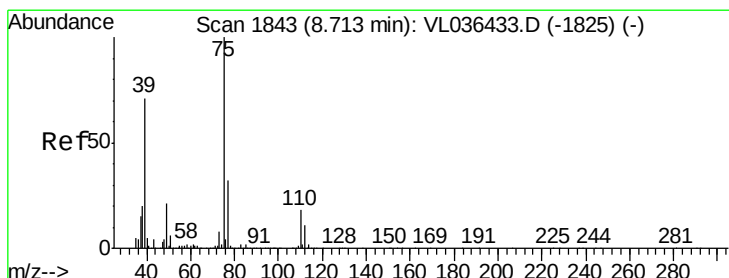
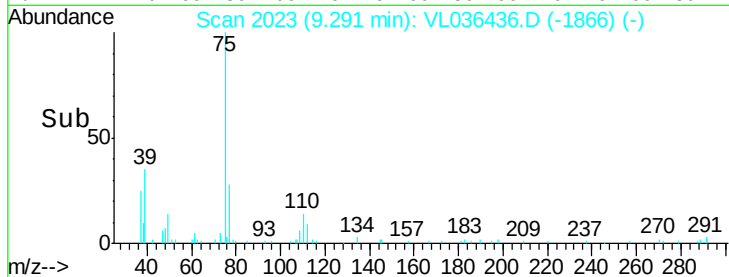
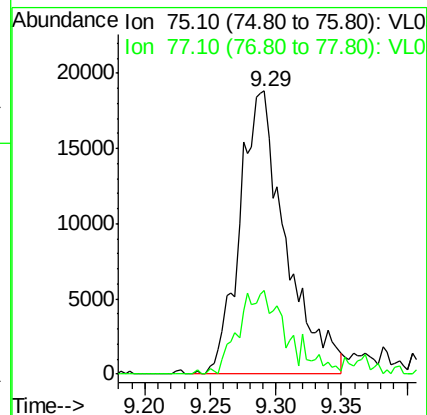
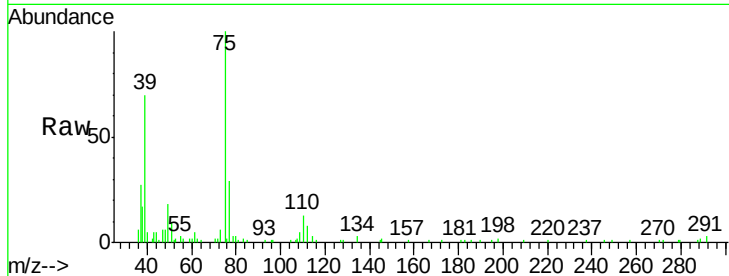
77 29.

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: 0.357 ppbv m

RT: 8.71 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VL036436.D

Acq: 3 Mar 2021 11:28

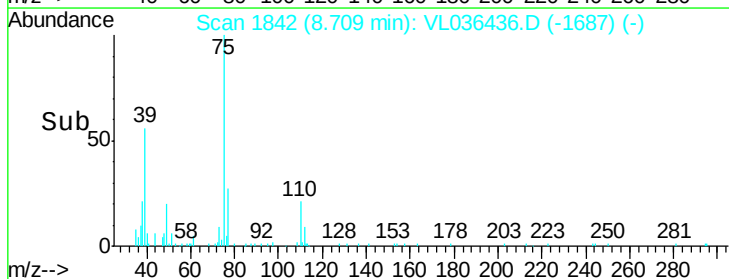
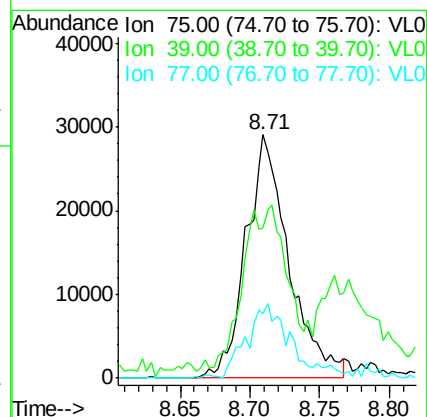
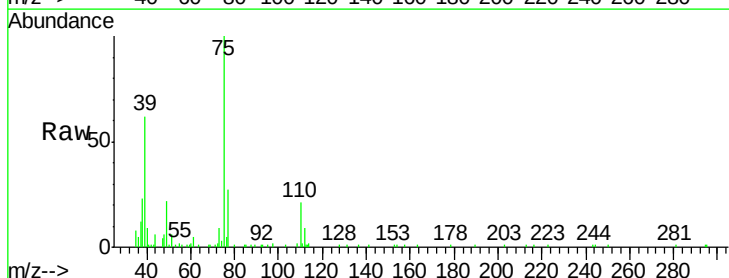
Tgt Ion: 75 Resp: 61895

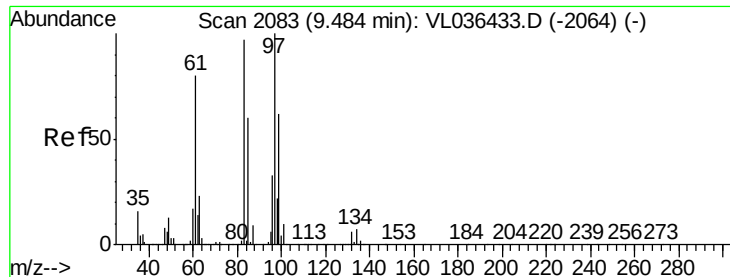
Ion Ratio Lower Upper

75 100

39 61.7 57.1 85.7

77 26.6 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 0.479 ppbv m

RT: 9.48 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 11:28 VSTDIC0.5

Tot Ion:

Ion Ratio

97 100

83 85.

85 60.

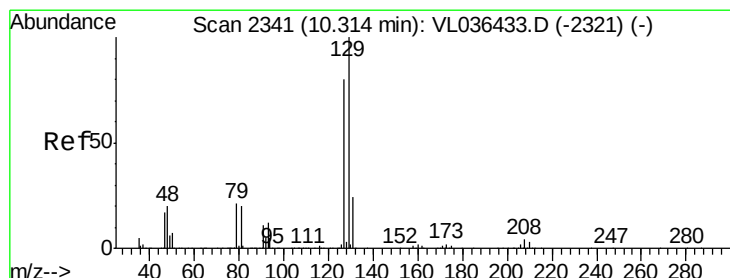
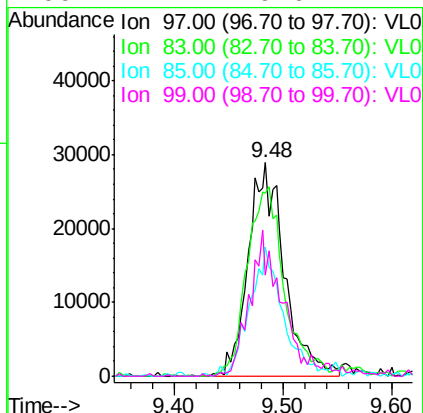
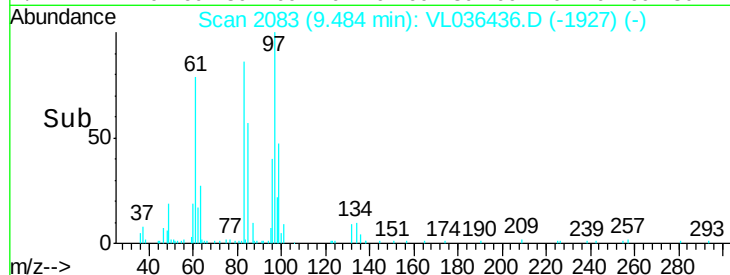
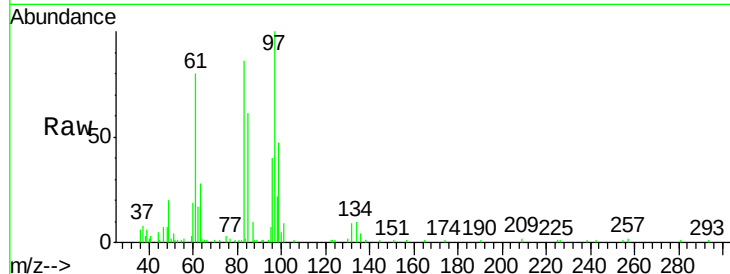
99 47.4 49.6 74.4#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#48

Dibromochloromethane

Concen: 0.430 ppbv m

RT: 10.31 min Scan# 2341

Delta R.T. 0.00 min

Lab File: VL036436.D

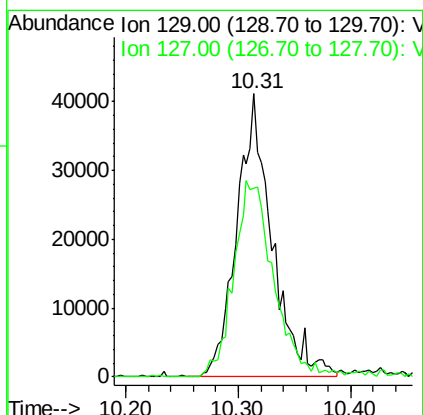
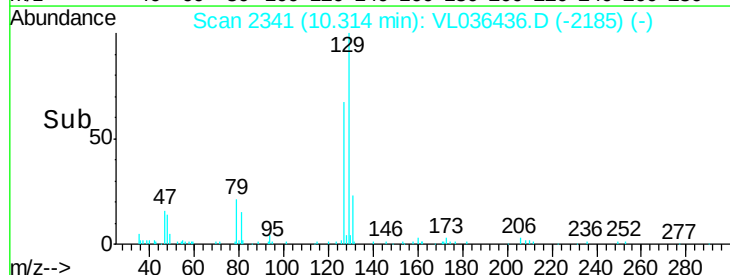
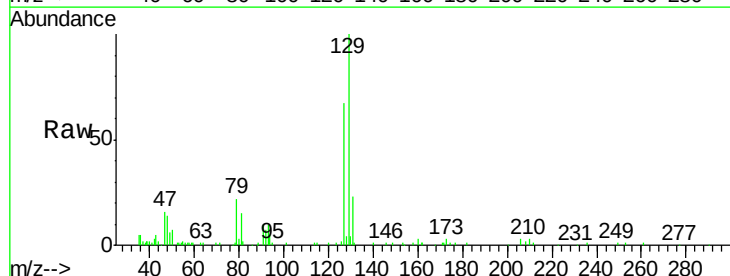
Acq: 3 Mar 2021 11:28

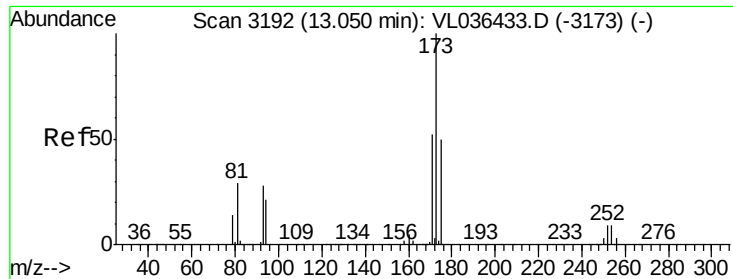
Tgt Ion:129 Resp: 89549

Ion Ratio Lower Upper

129 100

127 0.0 39.4 118.1#





#49

Bromoform

Concen: 0.405 ppbv m

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 11:28

Tot Ion:1

Ion Rati

173 100

175 51.

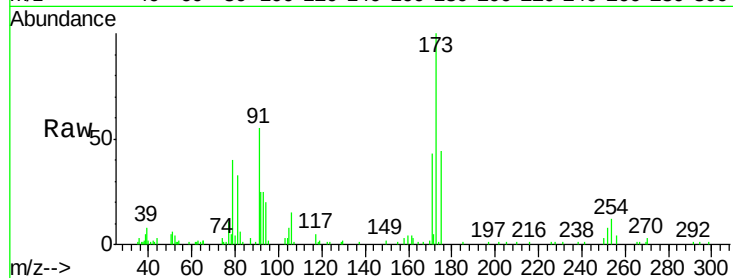
171 55.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

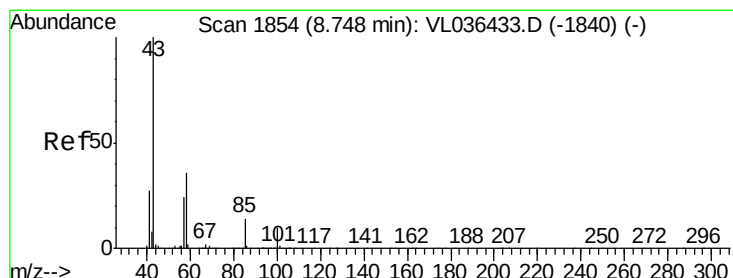
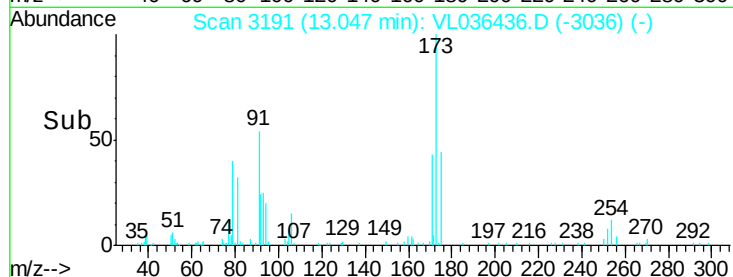
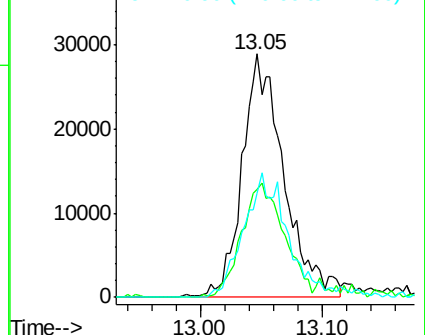
Supervised By :Mahesh Dadoda 03/04/2021



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 0.398 ppbv m

RT: 8.77 min Scan# 1861

Delta R.T. 0.02 min

Lab File: VL036436.D

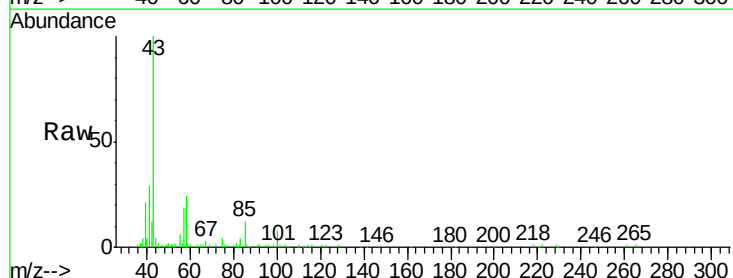
Acq: 3 Mar 2021 11:28

Tgt Ion: 43 Resp: 155268

Ion Ratio Lower Upper

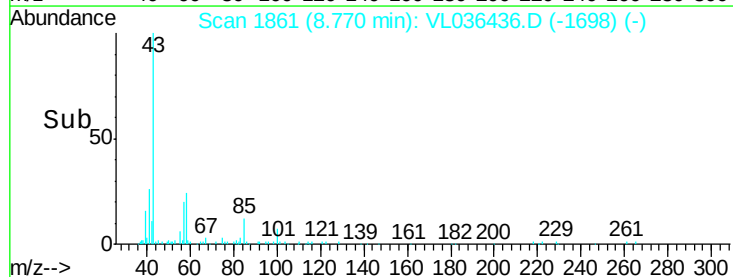
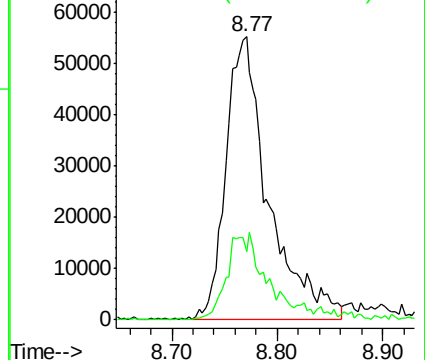
43 100

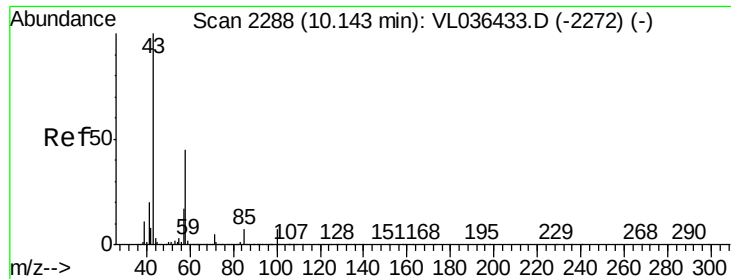
58 29.5 27.8 41.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



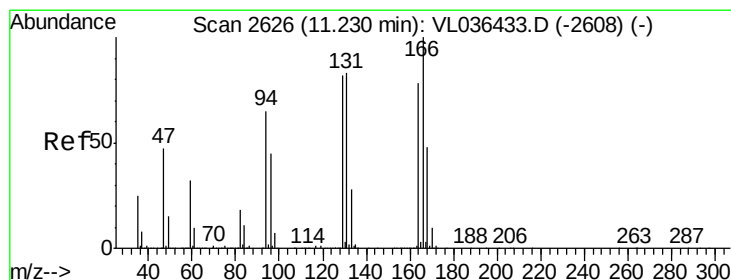
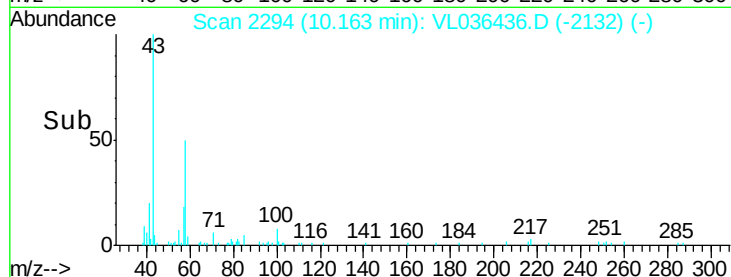
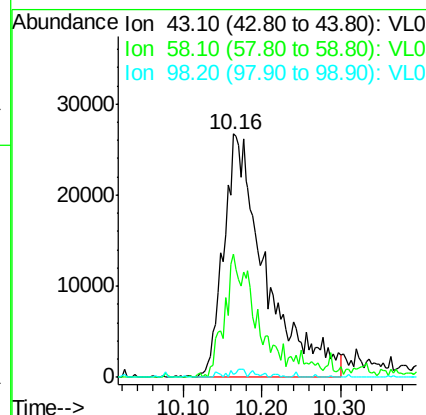
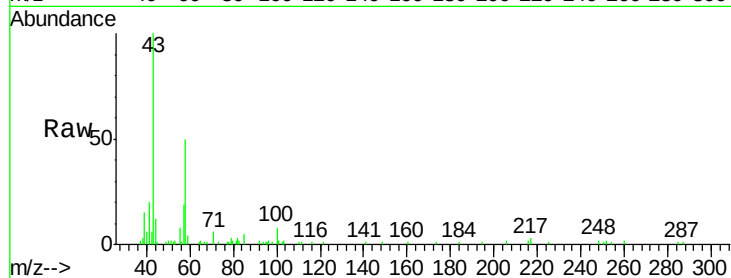


#51
2-Hexanone
Concen: 0.338 ppbv m
RT: 10.16
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 11:28

Tot Ion:
Ion Ratio
43 100
58 37.
98 0.

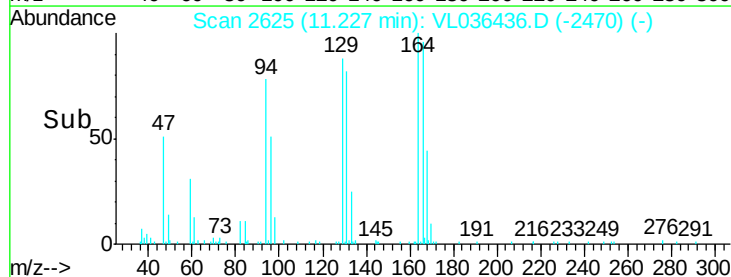
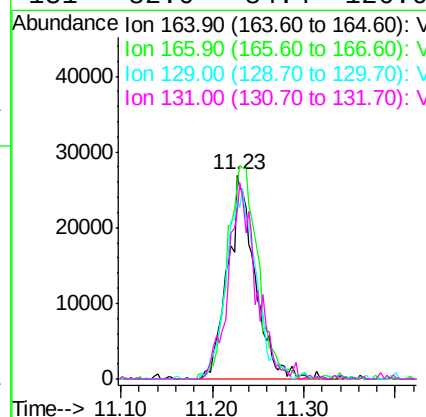
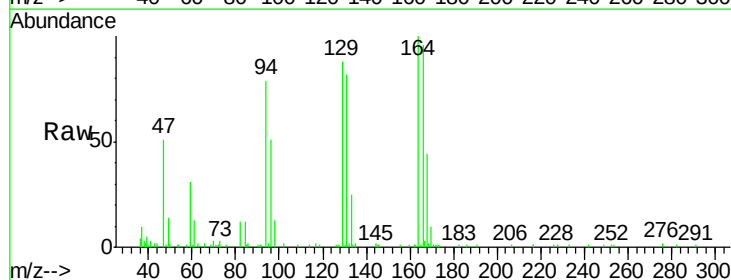
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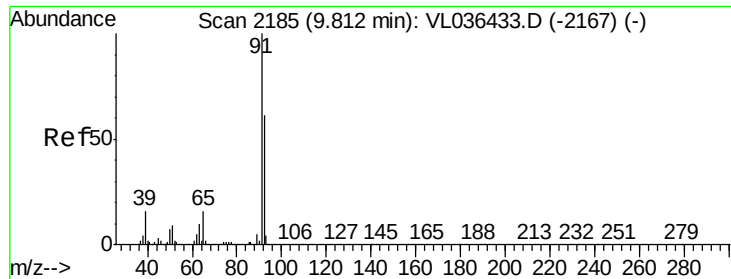
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#52
Tetrachloroethene
Concen: 0.459 ppbv m
RT: 11.23 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion:164 Resp: 56411
Ion Ratio Lower Upper
164 100
166 95.6 102.0 153.0#
129 87.8 83.3 124.9
131 82.0 84.4 126.6#





#53

Toluene

Concen: 0.383 ppbv

RT: 9.82 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 3 Mar 2021 11:28 VSTDIC0.5

Tot Ion:

Ion Ratio

91 100

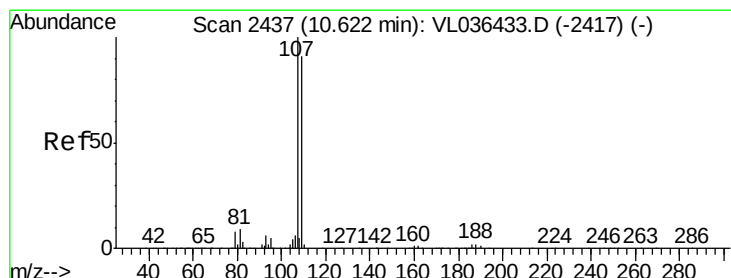
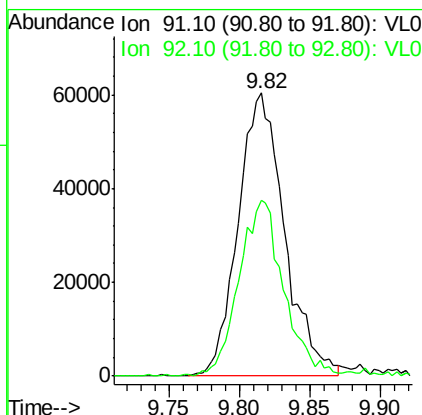
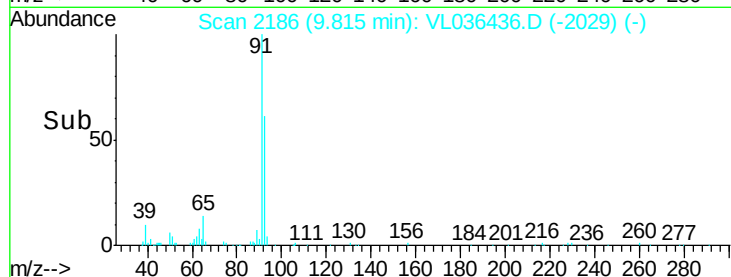
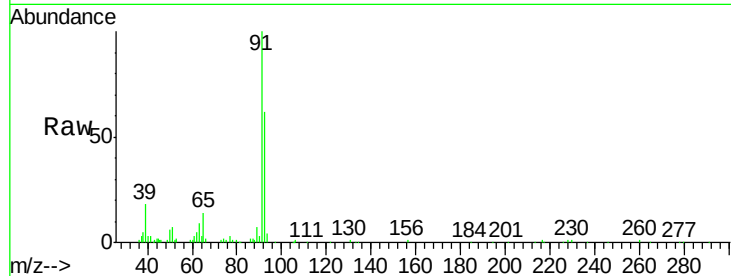
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#54

1,2-Dibromoethane

Concen: 0.445 ppbv m

RT: 10.62 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VL036436.D

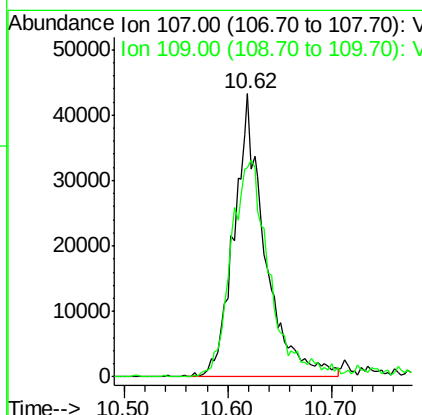
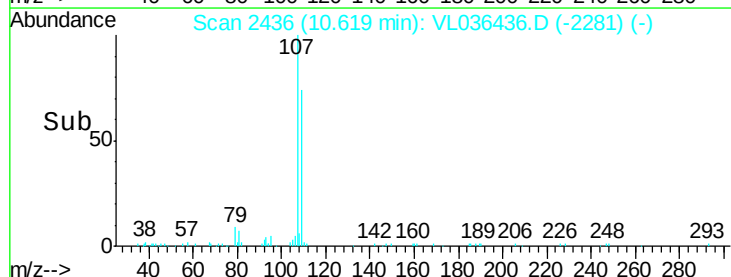
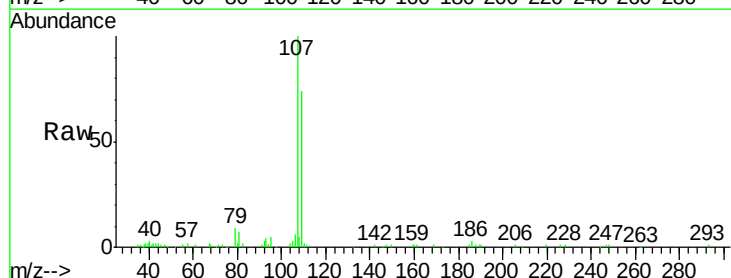
Acq: 3 Mar 2021 11:28

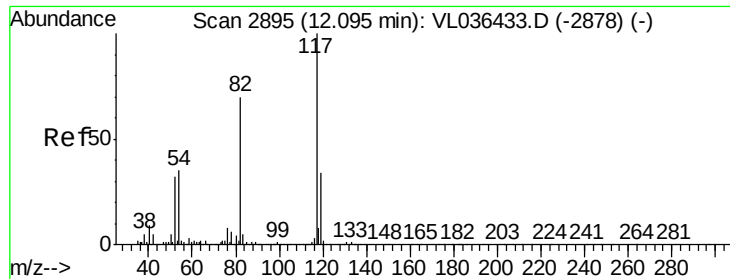
Tgt Ion:107 Resp: 89811

Ion Ratio Lower Upper

107 100

109 74.0 73.0 109.6



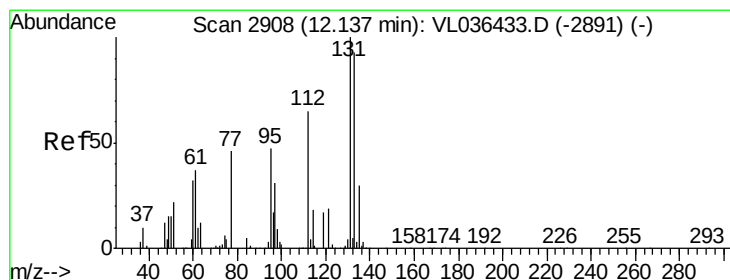
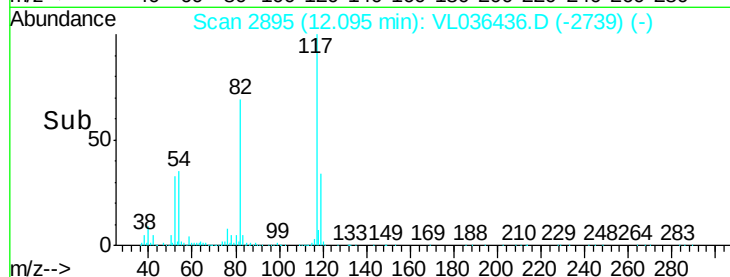
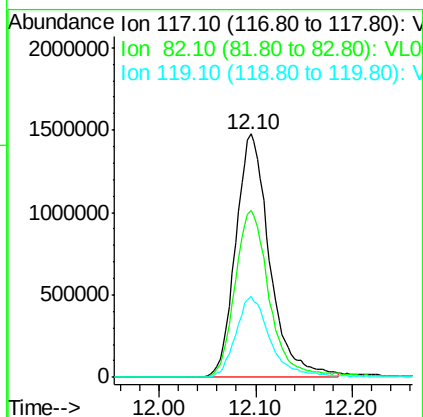
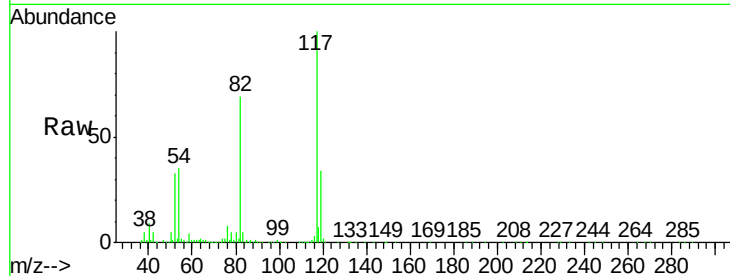


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 11:28

Tot Ion: 1
Ion Ratio
117 100
82 70.
119 33.

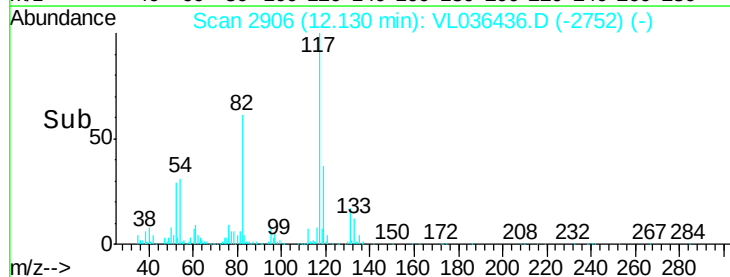
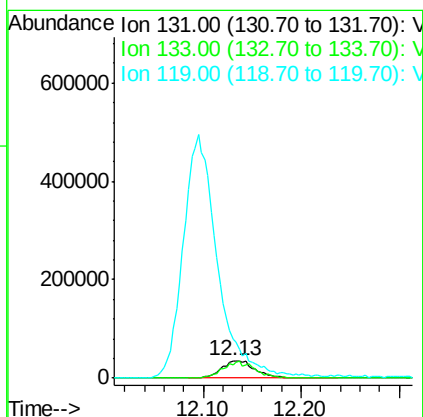
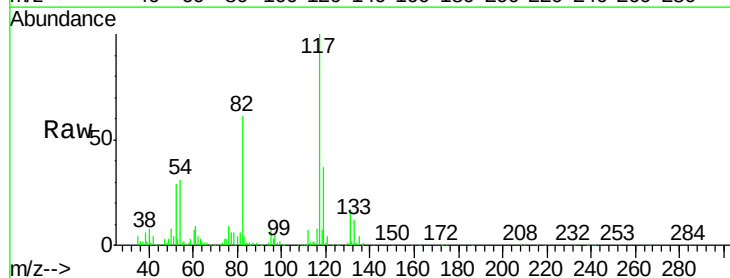
Manual Integrations
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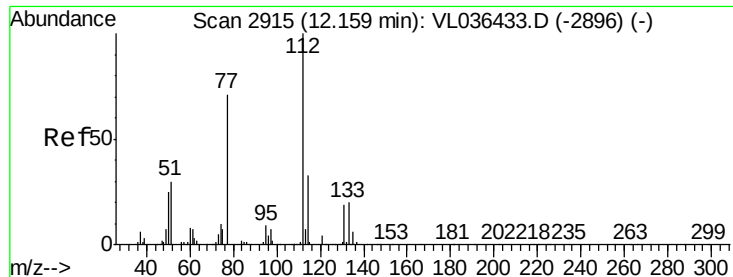
Reviewed By : Semsettin Yesilyurt 03/04/2021
Supervised By : Mahesh Dadoda 03/04/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 0.518 ppbv m
RT: 12.13 min Scan# 2906
Delta R.T. -0.01 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion: 131 Resp: 85845
Ion Ratio Lower Upper
131 100
133 91.2 76.4 114.6
119 0.0 112.8 169.2#



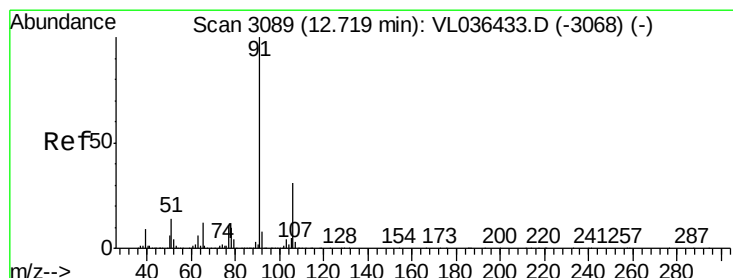
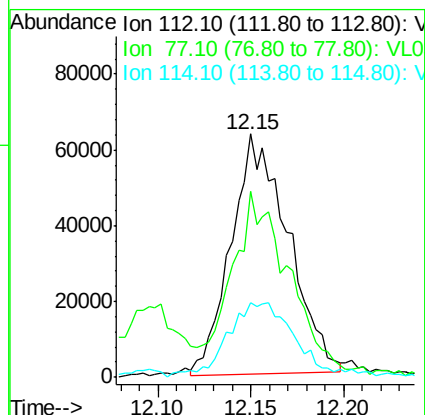
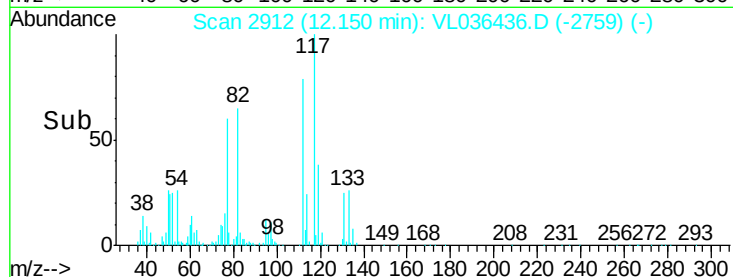
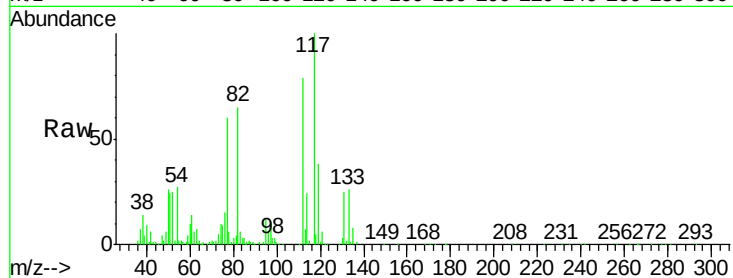


#57
Chlorobenzene
Concen: 0.486 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VSTDIC0.5
Acq: 3 Mar 2021 11:28

Manual Integrations
APPROVED

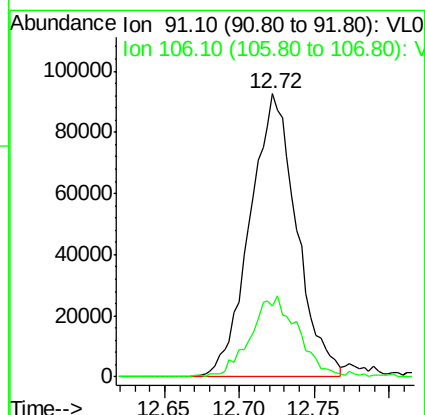
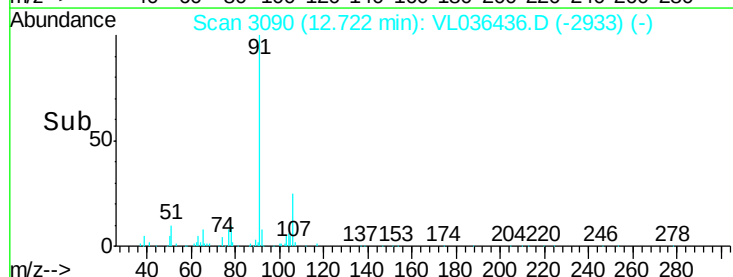
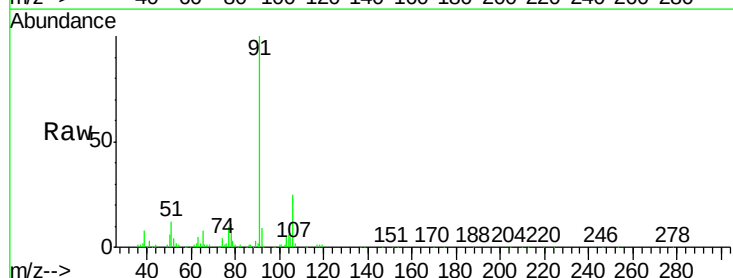
Tot Ion: 1
Ion Ratio
112 100
77 73.
114 28.

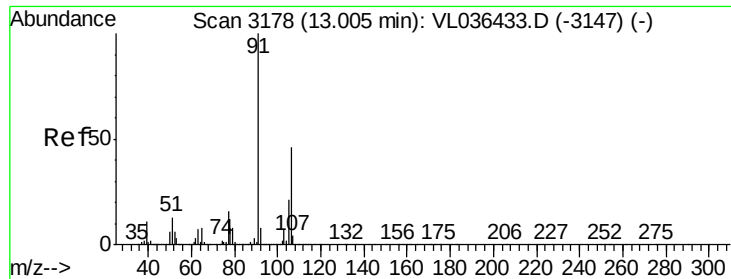
Reviewed By : Semsettin Yesilyurt 03/04/2021
Supervised By : Mahesh Dadoda 03/04/2021



#58
Ethyl Benzene
Concen: 0.408 ppbv
RT: 12.72 min Scan# 3090
Delta R.T.: 0.00 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion: 91 Resp: 200894
Ion Ratio Lower Upper
91 100
106 24.9 24.8 37.2



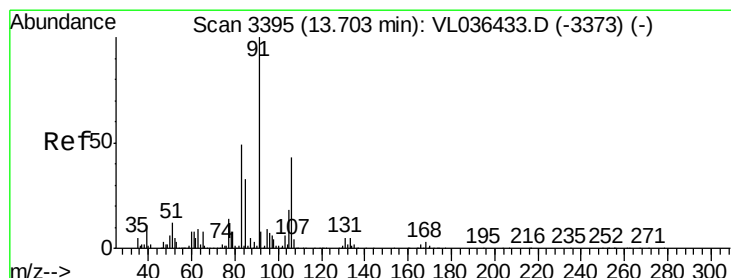
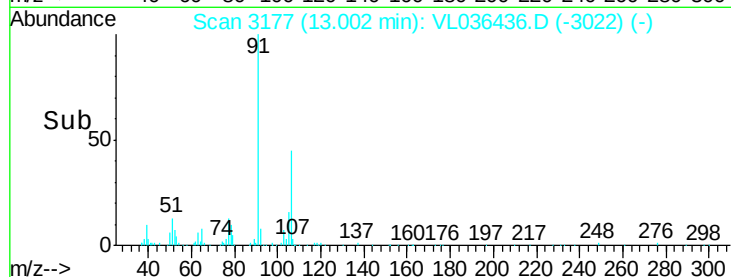
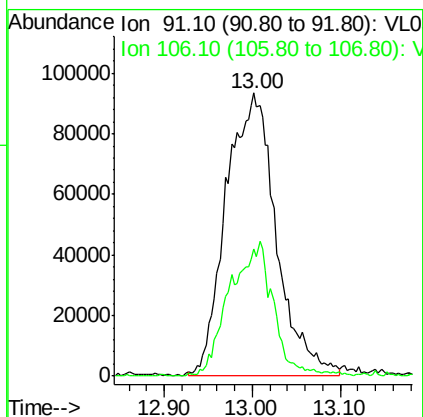
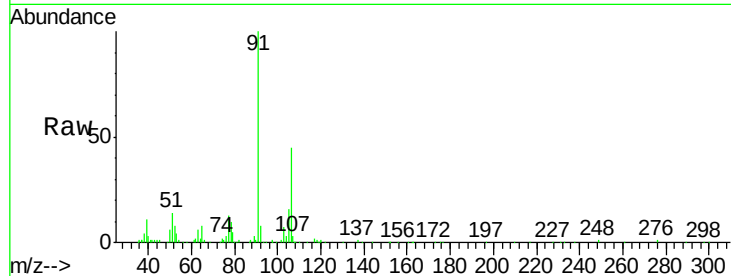


#59
m/p-Xylene
Concen: 0.857 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 11:28

Tot Ion:
Ion Ratio
91 100
106 41.

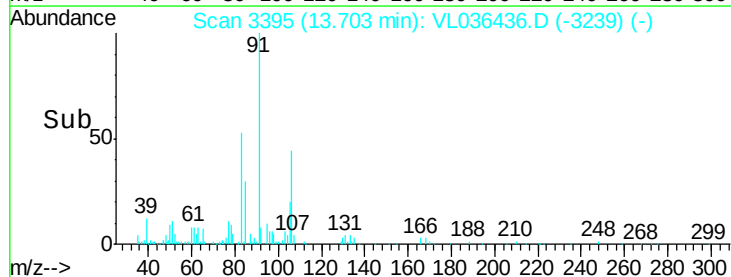
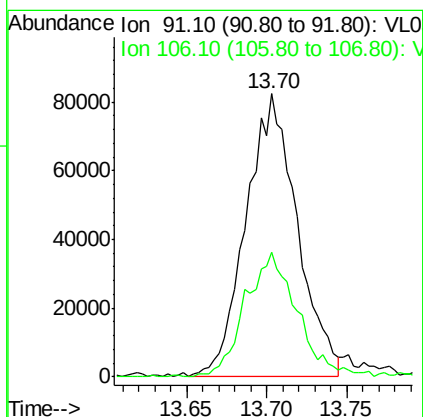
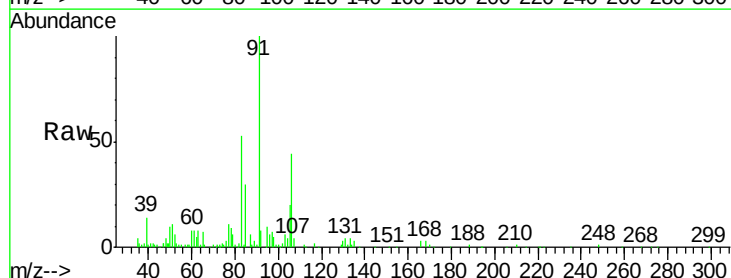
Manual Integrations
APPROVED

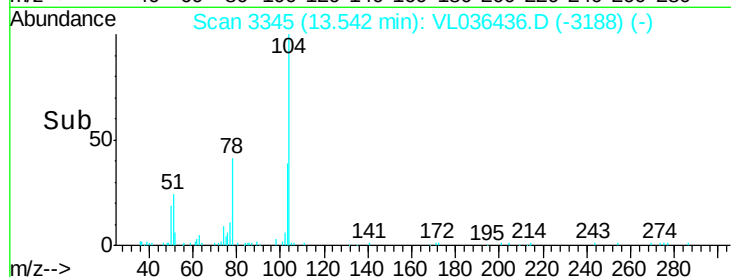
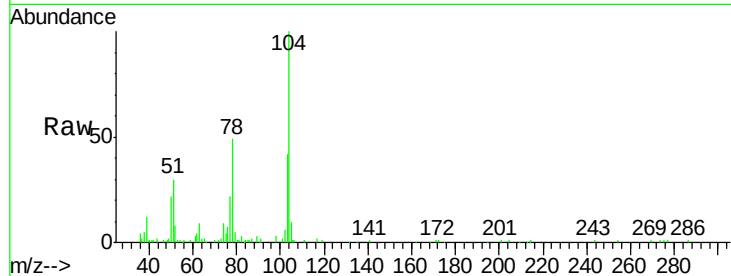
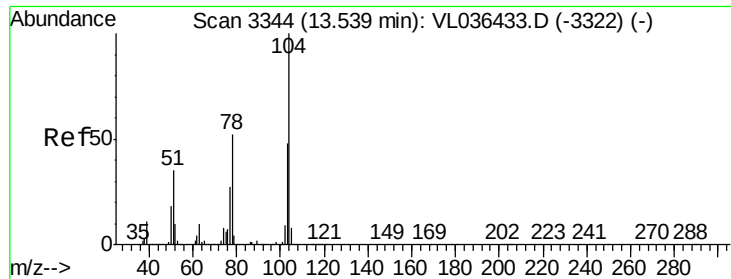
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#60
o-Xylene
Concen: 0.436 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion: 91 Resp: 180351
Ion Ratio Lower Upper
91 100
106 46.2 21.9 65.8



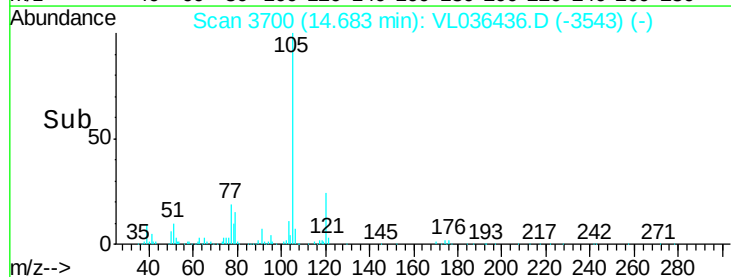
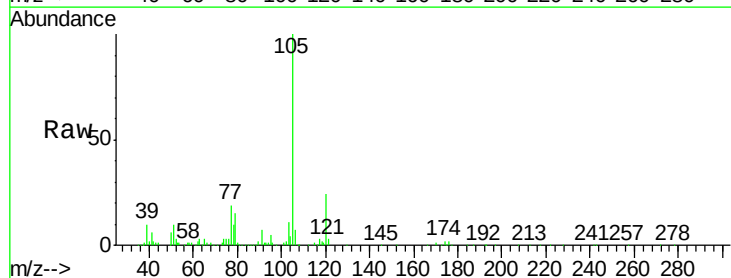
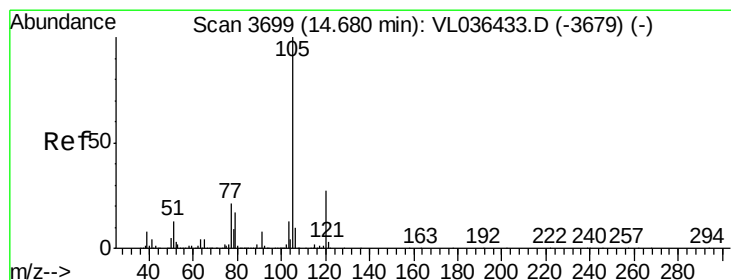
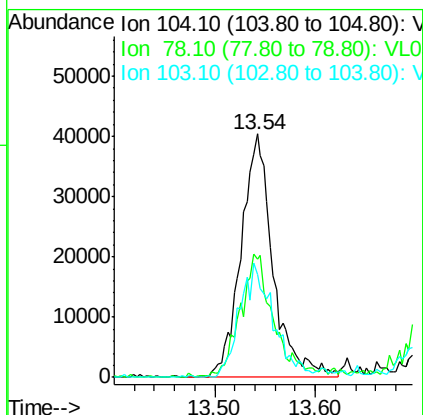


#61
Stvrene
Concen: 0.347 ppbv m
RT: 13.54
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 11:28

Tot Ion:1
Ion Rati
104 100
78 50.
103 49.

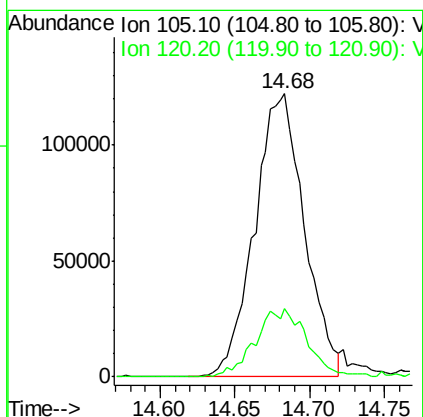
Manual Integrations
APPROVED

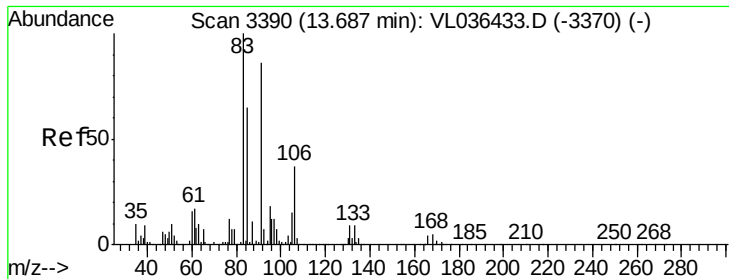
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#62
Isopropylbenzene
Concen: 0.455 ppbv
RT: 14.68 min Scan# 3700
Delta R.T. 0.00 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion:105 Resp: 282337
Ion Ratio Lower Upper
105 100
120 24.7 20.9 31.3





#63

1,1,2,2-Tetrachloroethane

Concen: 0.491 ppbv m

RT: 13.69

Delta R.T. MSVOA_L

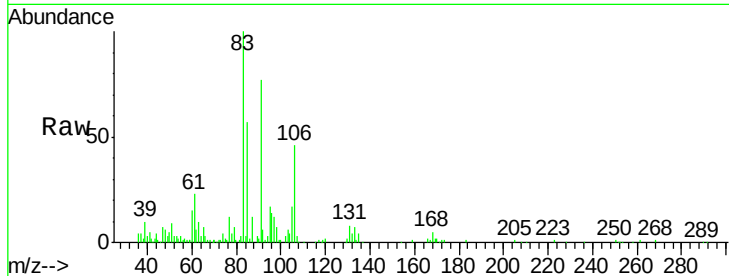
Lab File: ClientSampleId :

Acq: 3 Mar 2021 11:28

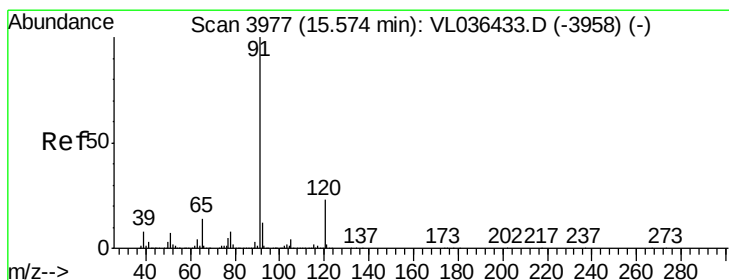
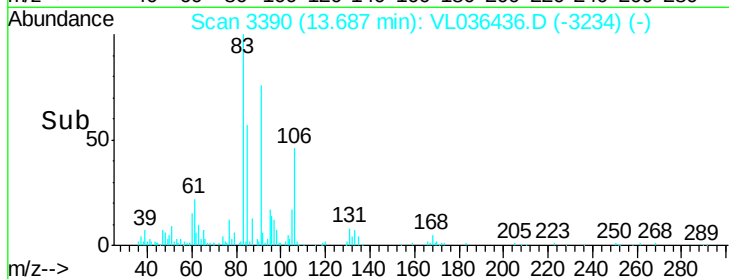
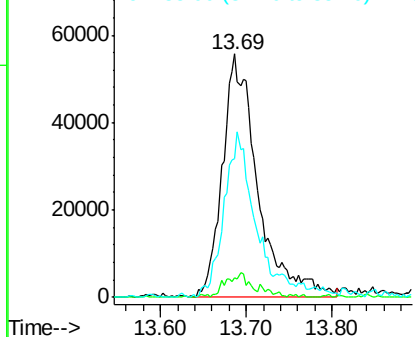
Tot Ion:
Ion Ratio
83 100
131 0.
85 0.

Manual Integrations
APPROVED

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



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 0.442 ppbv m

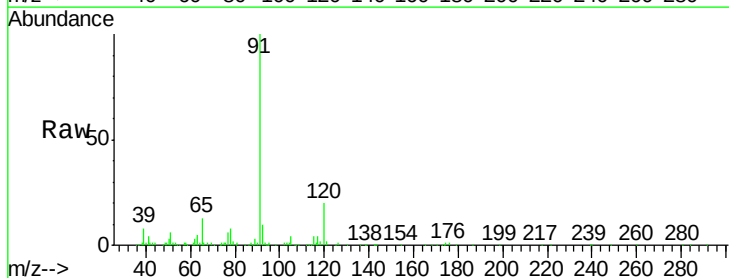
RT: 15.57 min Scan# 3977

Delta R.T. 0.00 min

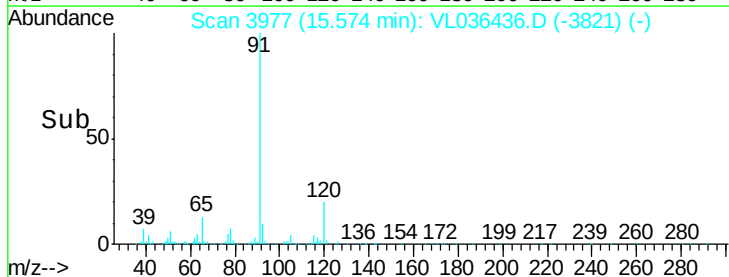
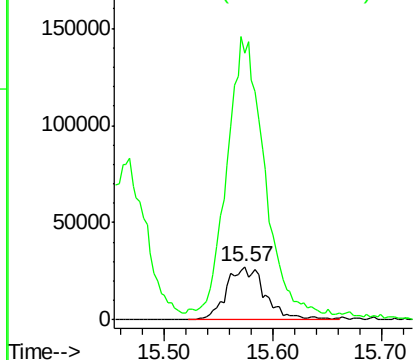
Lab File: VL036436.D

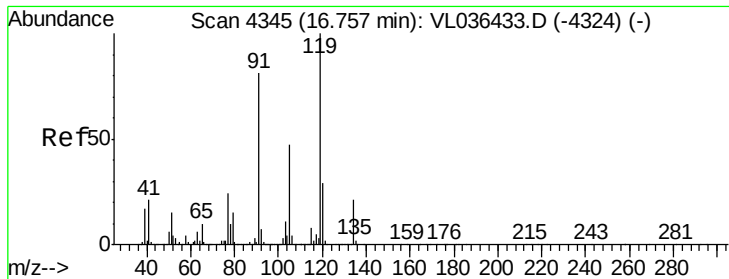
Acq: 3 Mar 2021 11:28

Tgt Ion:120 Resp: 67535
Ion Ratio Lower Upper
120 100
91 533.7 378.6 567.8



Abundance Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 0.447 ppbv m

RT: 16.76

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 11:28

Tot Ion:1

Ion Rati

119 100

91 92.

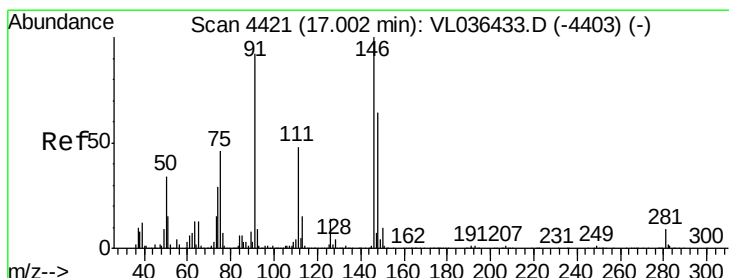
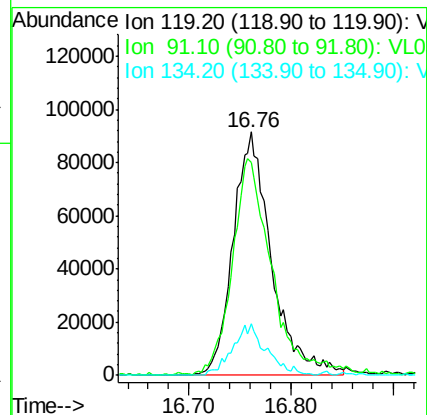
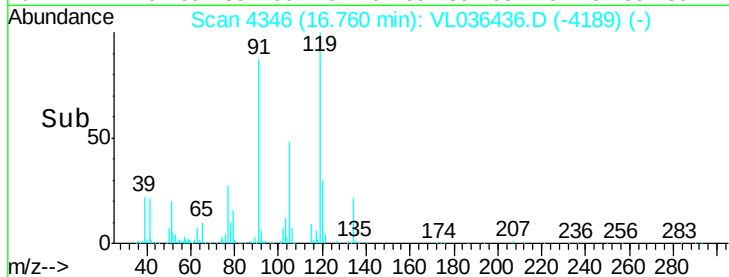
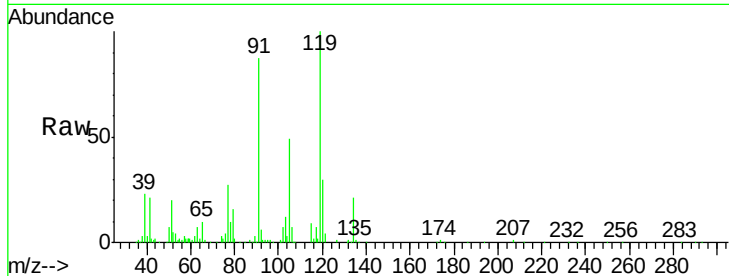
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#66

Benzyl Chloride

Concen: 0.353 ppbv m

RT: 17.01 min Scan# 4424

Delta R.T. 0.01 min

Lab File: VL036436.D

Acq: 3 Mar 2021 11:28

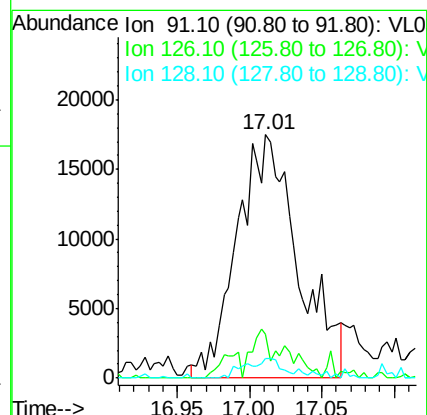
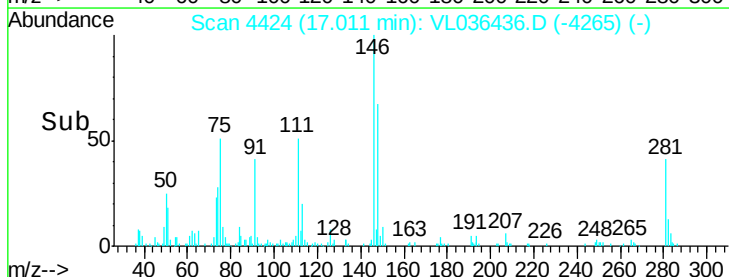
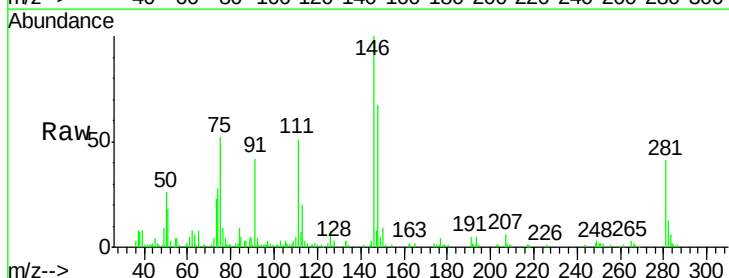
Tgt Ion: 91 Resp: 50944

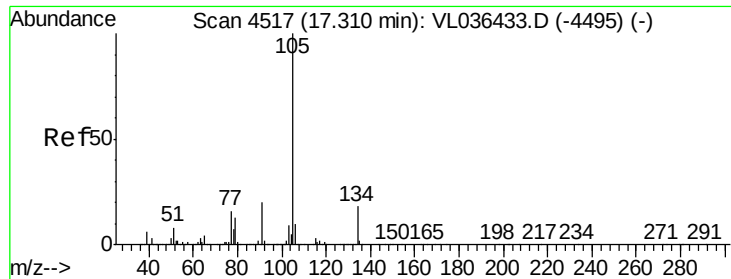
Ion Ratio Lower Upper

91 100

126 0.0 12.9 19.3#

128 0.0 4.0 6.0#





#67

sec-Butylbenzene

Concen: 0.419 ppbv

RT: 17.31

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 11:28

Tot Ion:1

Ion Ratio

105 100

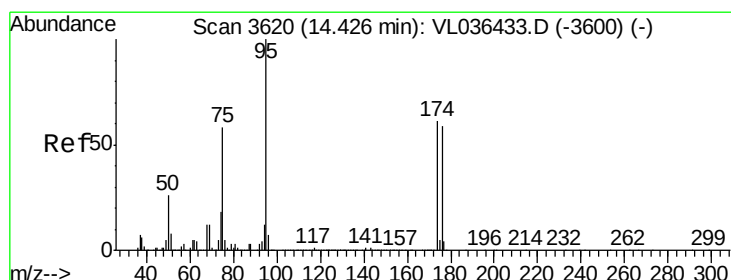
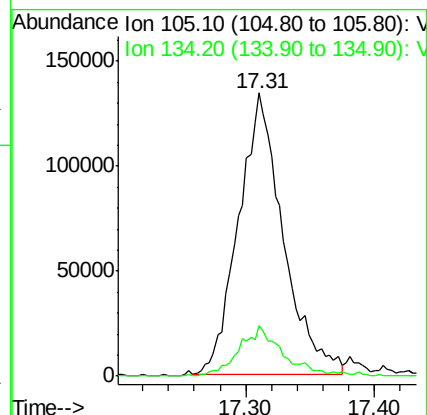
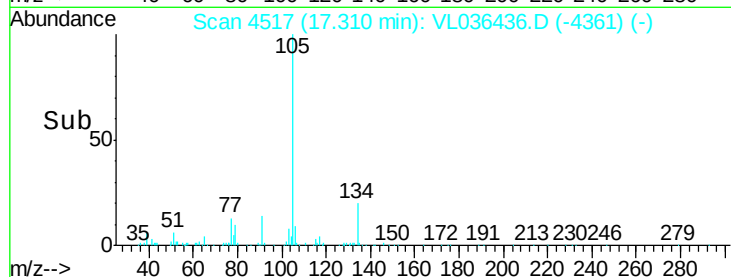
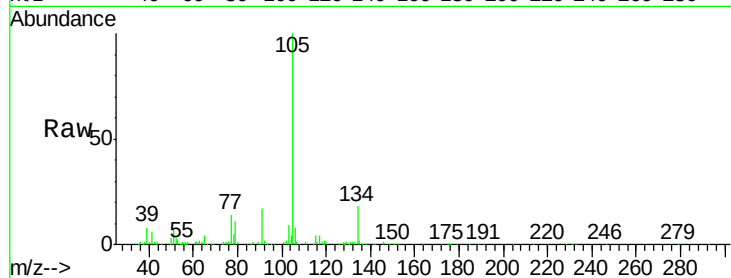
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 9.962 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VL036436.D

Acq: 3 Mar 2021 11:28

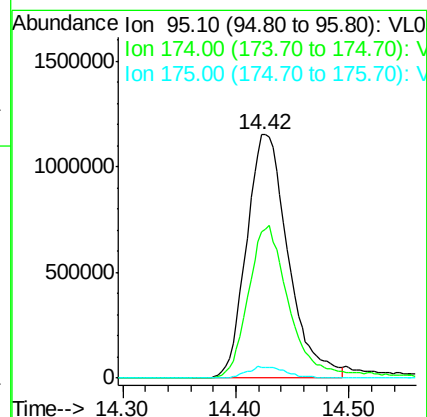
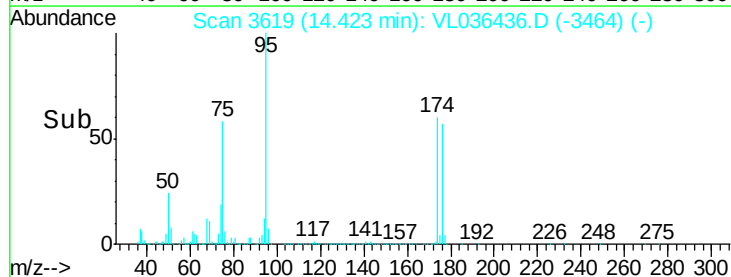
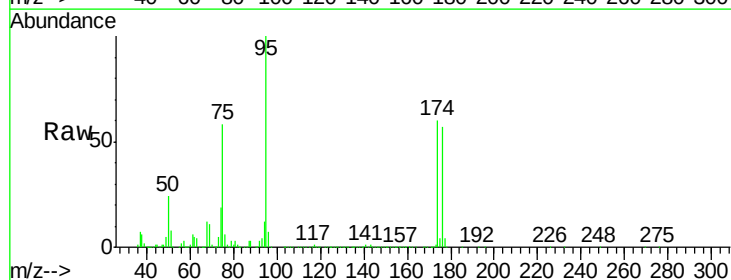
Tgt Ion: 95 Resp: 2950822

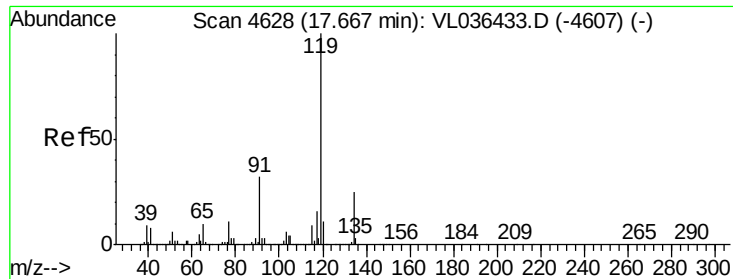
Ion Ratio Lower Upper

95 100

174 63.8 51.0 76.4

175 4.6 3.8 5.6



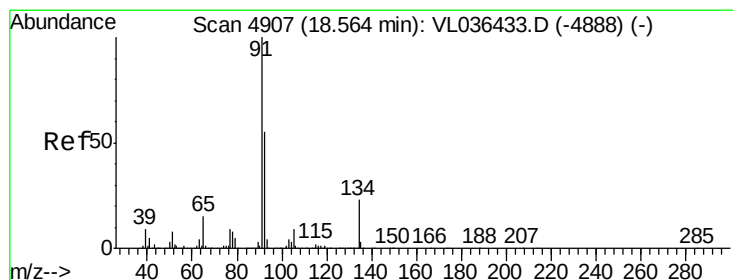
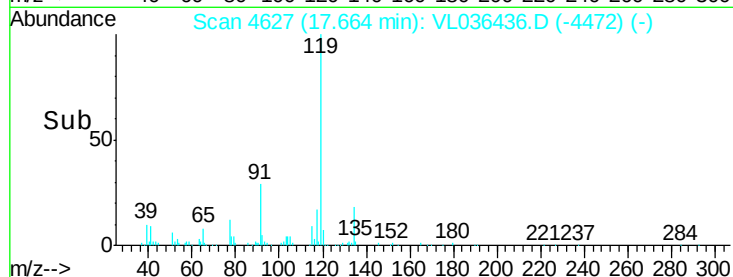
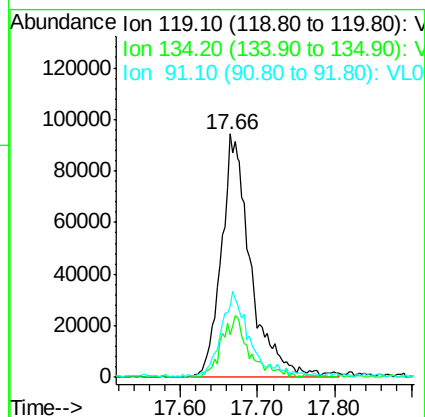
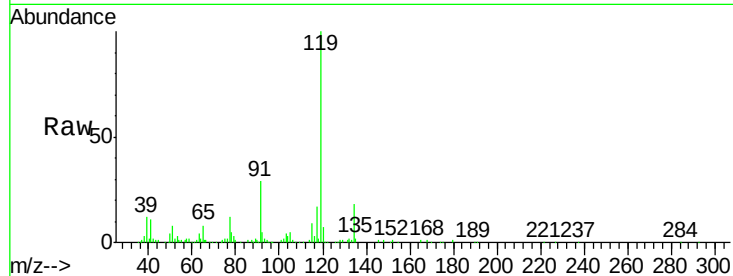


#69
 p-Isopropyltoluene
 Concen: 0.426 ppbv m
 RT: 17.66
 Instrument: MSVOA_L
 Delta R.T.
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 11:28

Tot Ion: 1
 Ion Ratio
 119 100
 134 24.
 91 34.

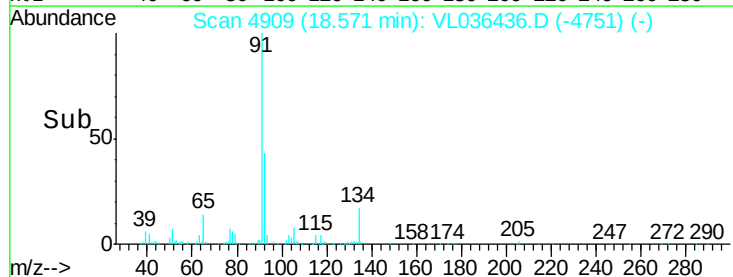
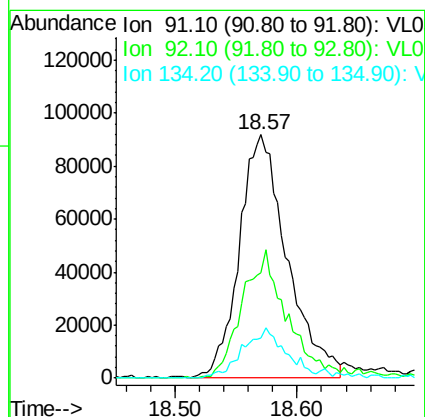
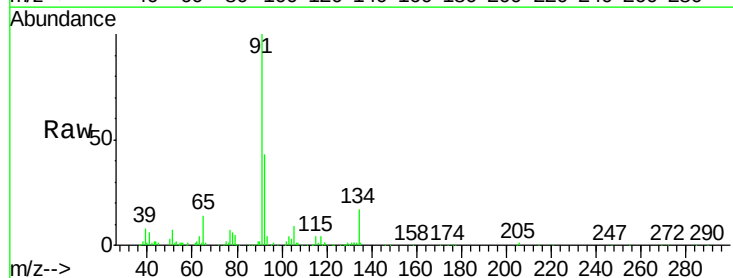
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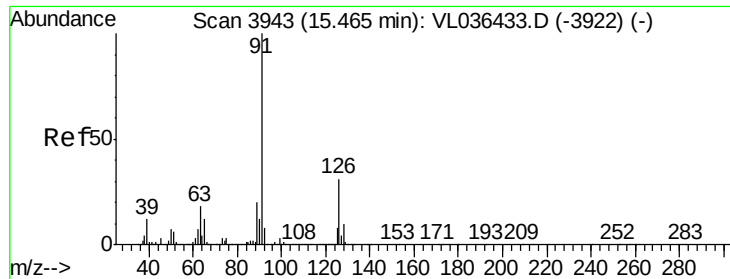
Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021



#70
 n-Butylbenzene
 Concen: 0.392 ppbv
 RT: 18.57 min Scan# 4909
 Delta R.T. 0.01 min
 Lab File: VL036436.D
 Acq: 3 Mar 2021 11:28

Tgt Ion: 91 Resp: 249081
 Ion Ratio Lower Upper
 91 100
 92 51.4 44.1 66.1
 134 20.3 17.9 26.9



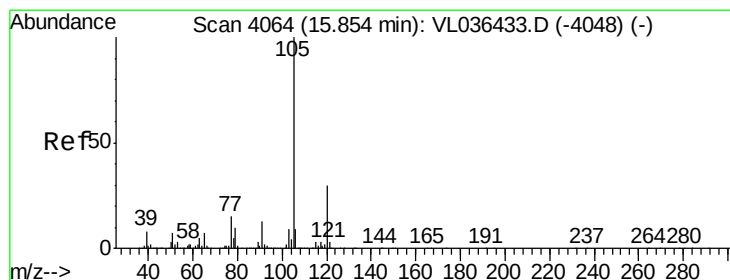
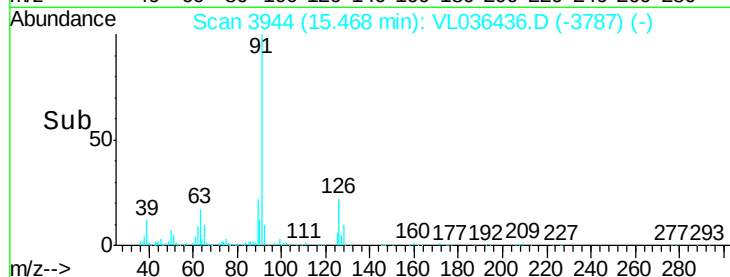
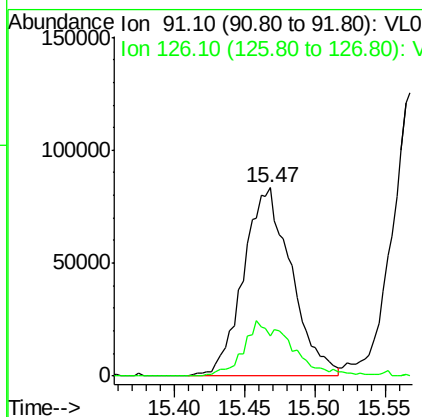
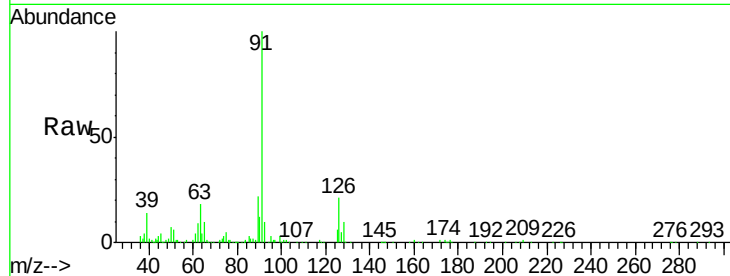


#71
 2-Chlorotoluene
 Concen: 0.418 ppbv
 RT: 15.47
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 3 Mar 2021 11:28

Tot Ion:
 Ion Ratio
 91 100
 126 29.

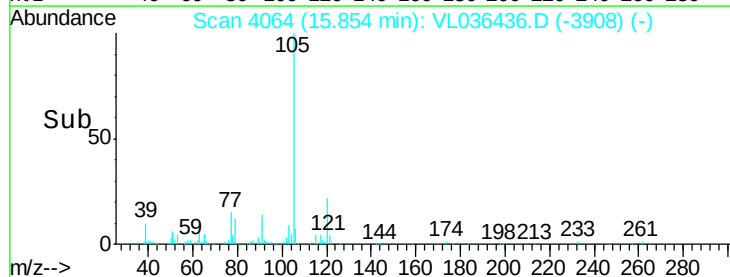
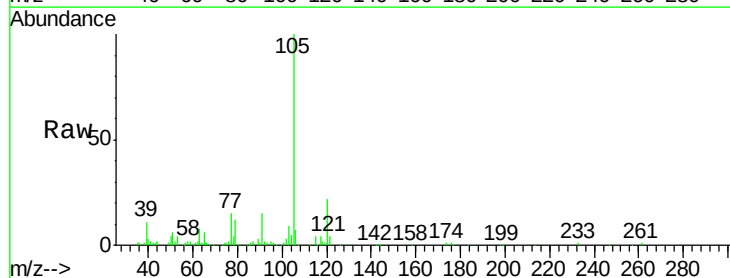
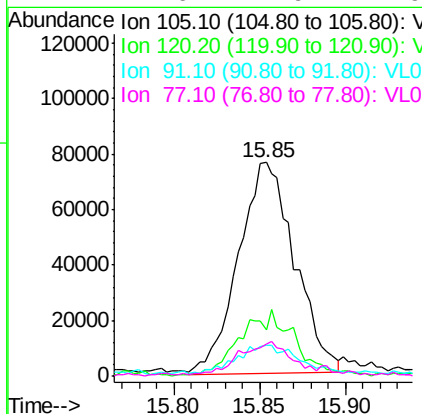
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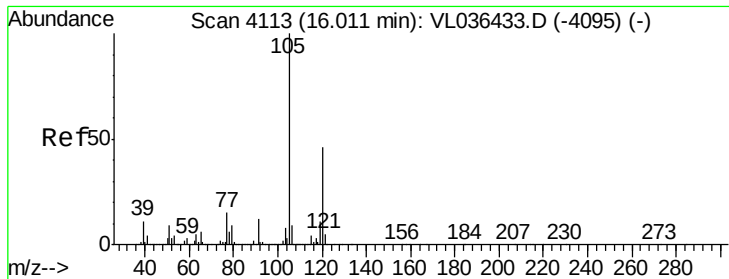
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#72
 4-Ethyltoluene
 Concen: 0.375 ppbv
 RT: 15.85 min Scan# 4064
 Delta R.T. 0.00 min
 Lab File: VL036436.D
 Acq: 3 Mar 2021 11:28

Tgt Ion:105 Resp: 172917
 Ion Ratio Lower Upper
 105 100
 120 30.8 23.8 35.6
 91 15.6 10.9 16.3
 77 17.6 11.9 17.9





#73

1,3,5-Trimethylbenzene

Concen: 0.416 ppbv m

RT: 16.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 11:28

Tot Ion:1

Ion Rati

105 100

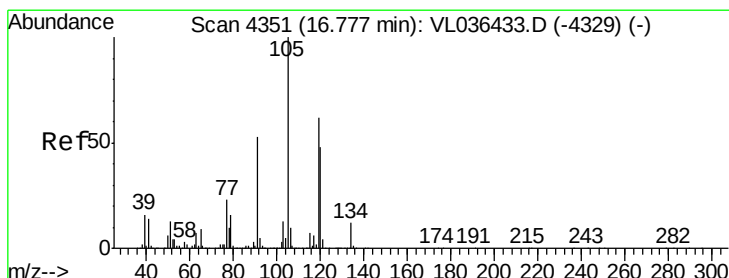
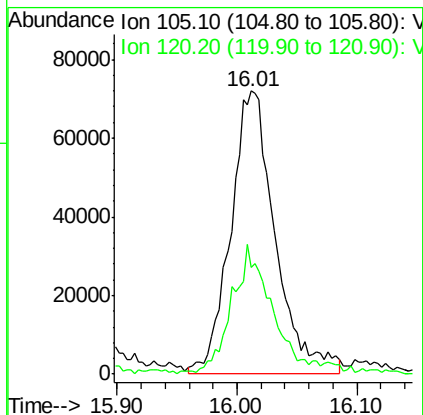
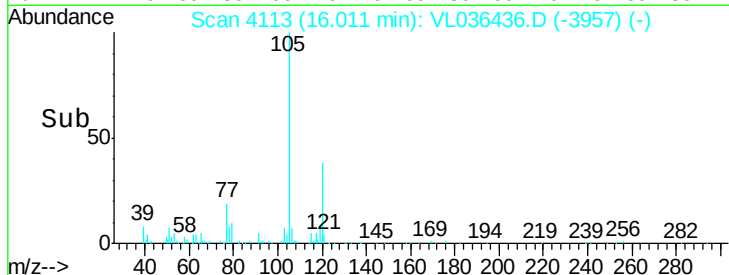
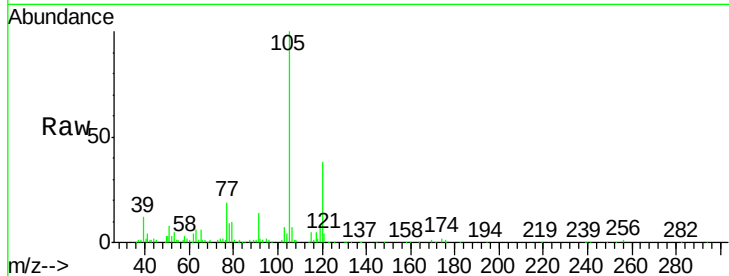
120 37.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#74

1,2,4-Trimethylbenzene

Concen: 0.430 ppbv

RT: 16.78 min Scan# 4351

Delta R.T. 0.00 min

Lab File: VL036436.D

Acq: 3 Mar 2021 11:28

Tgt Ion:105 Resp: 196144

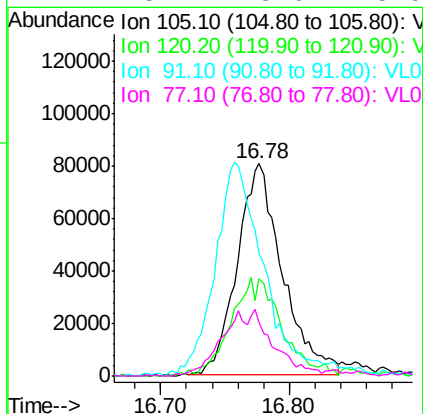
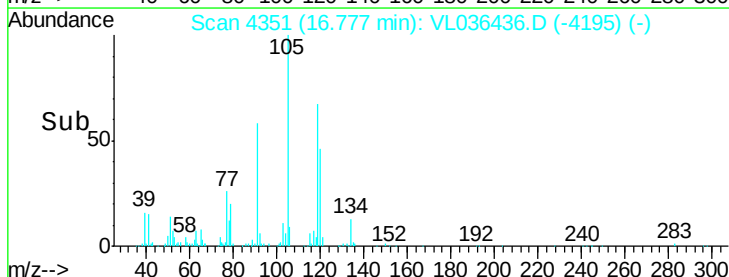
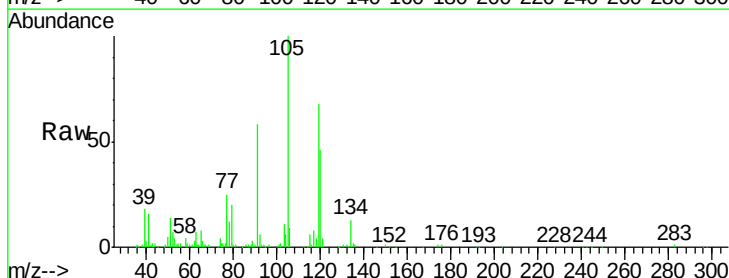
Ion Ratio Lower Upper

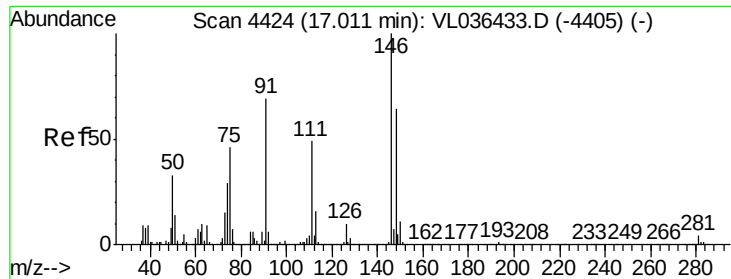
105 100

120 46.3 38.2 57.4

91 54.4 42.6 63.8

77 23.7 18.6 28.0



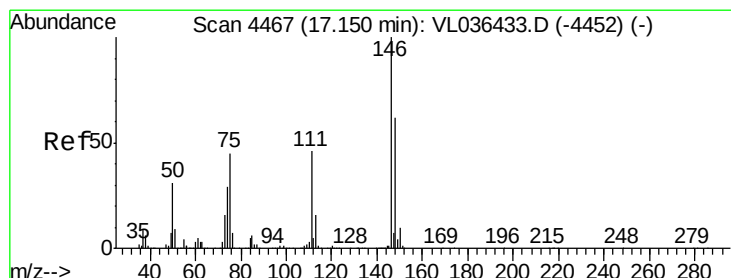
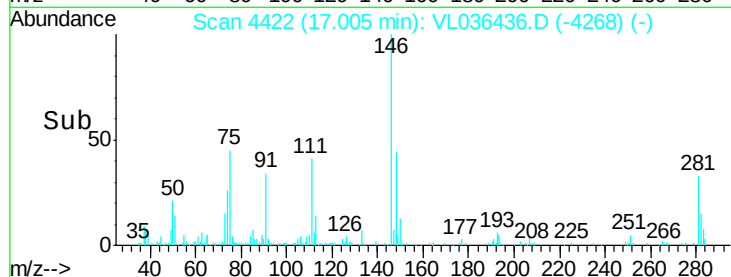
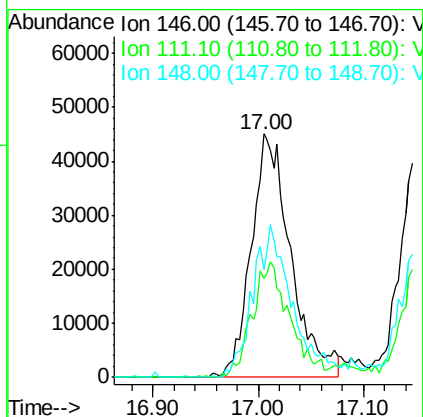
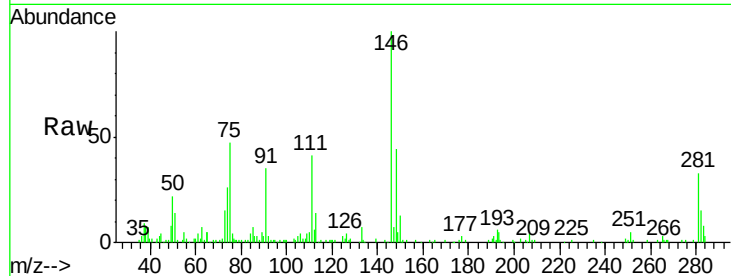


#75
 1,3-Dichlorobenzene
 Concen: 0.474 ppbv m
 RT: 17.00
 Instrument: MSVOA_1
 Delta R.T.
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 3 Mar 2021 11:28

Tot Ion:1
 Ion Rati
 146 100
 111 49.
 148 61.

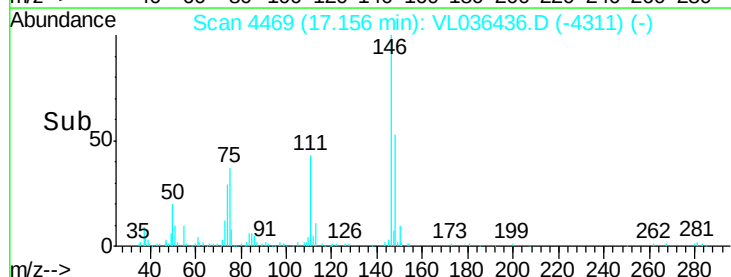
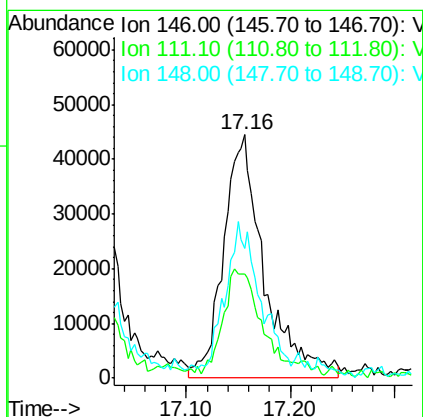
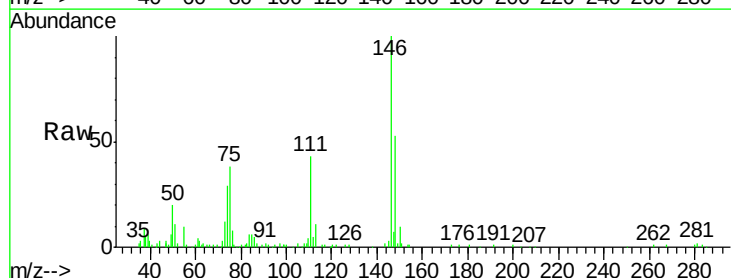
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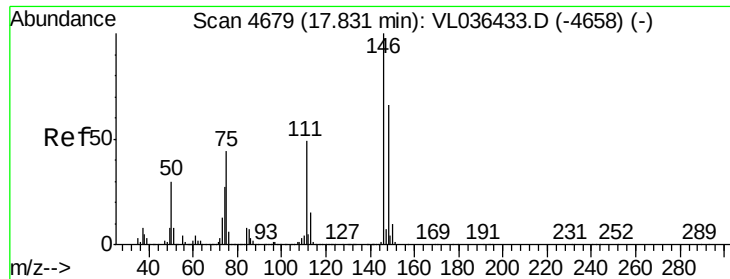
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#76
 1,4-Dichlorobenzene
 Concen: 0.475 ppbv m
 RT: 17.16 min Scan# 4469
 Delta R.T. 0.01 min
 Lab File: VL036436.D
 Acq: 3 Mar 2021 11:28

Tgt Ion:146 Resp: 122206
 Ion Ratio Lower Upper
 146 100
 111 45.2 24.5 73.5
 148 63.2 33.1 99.2



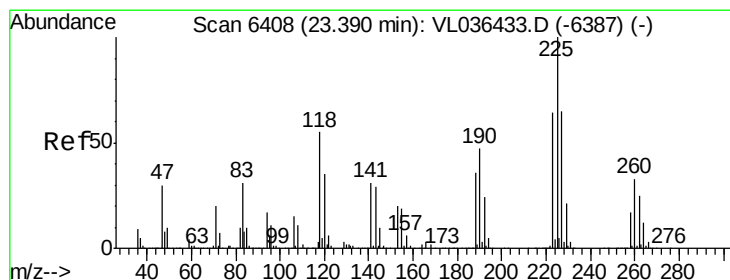
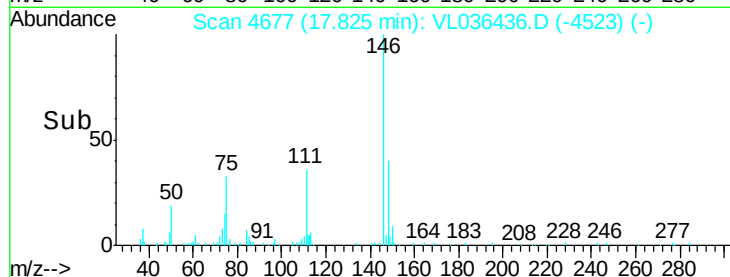
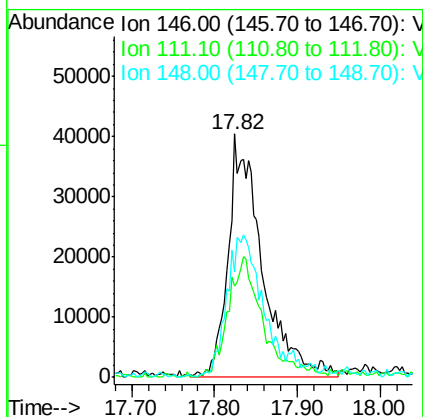
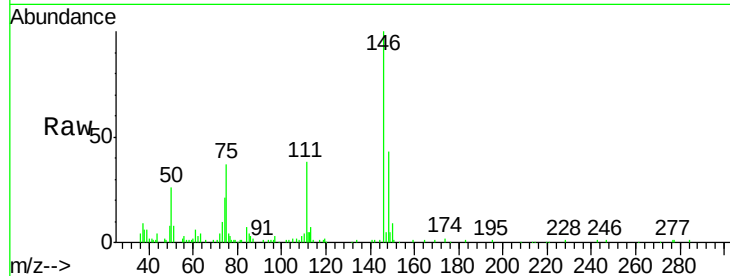


#77
 1,2-Dichlorobenzene
 Concen: 0.471 ppbv m
 RT: 17.82
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 3 Mar 2021 11:28

Tot Ion:1
 Ion Rati
 146 100
 111 51.
 148 67.

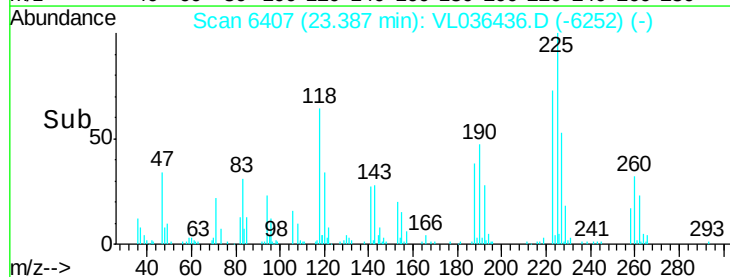
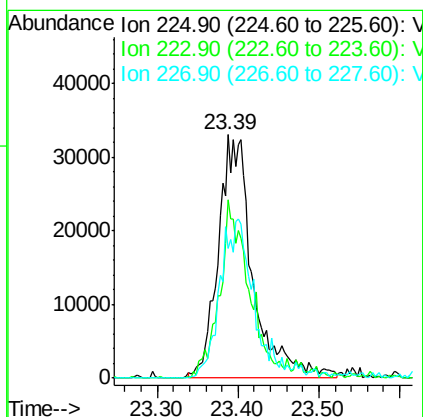
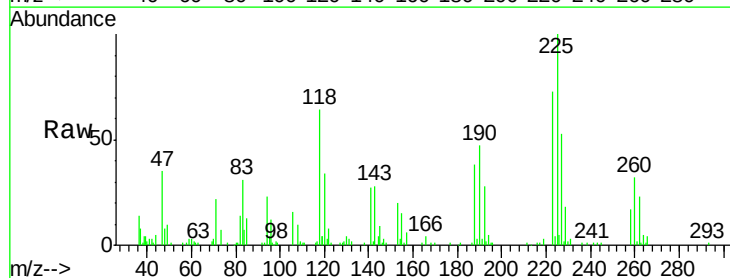
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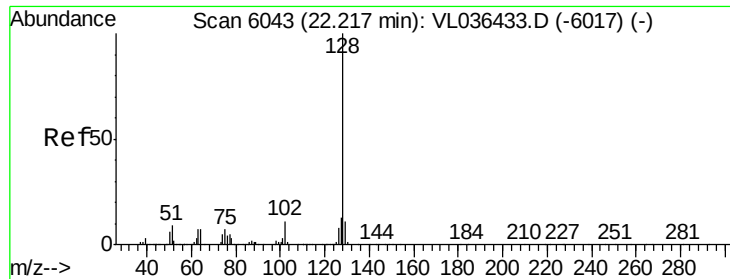
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.492 ppbv m
 RT: 23.39 min Scan# 6407
 Delta R.T. -0.00 min
 Lab File: VL036436.D
 Acq: 3 Mar 2021 11:28

Tgt Ion:225 Resp: 98618
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.8 77.8#
 227 0.0 53.0 79.6#



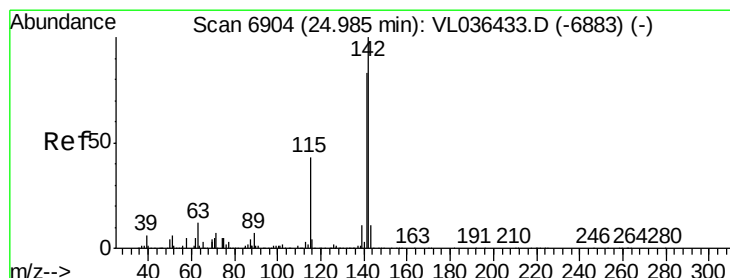
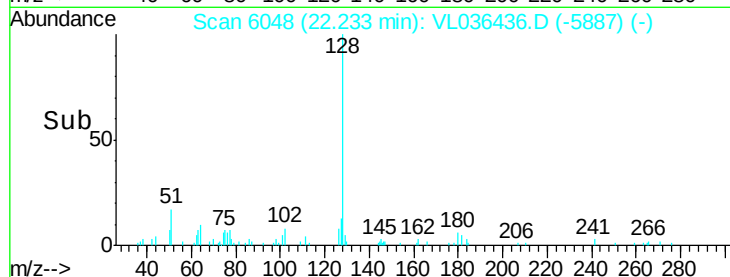
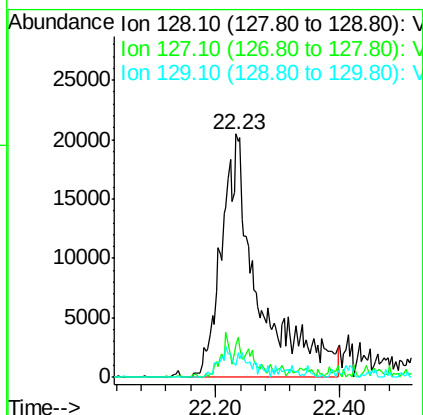
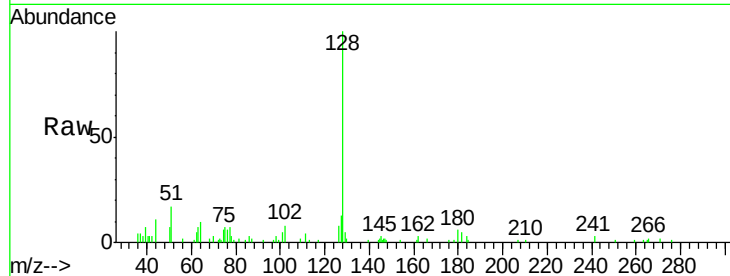


#79
Naphthalene
Concen: 0.310 ppbv m
RT: 22.23
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 11:28

Tot Ion:1
Ion Rati
128 100
127 13.
129 5.

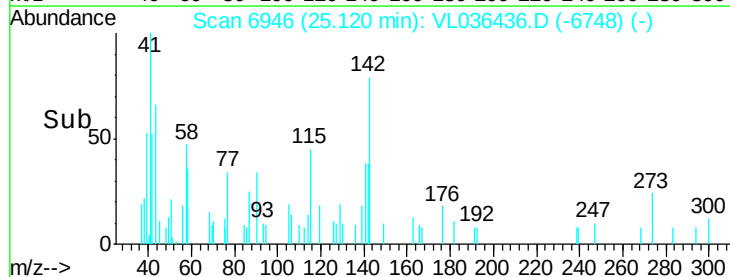
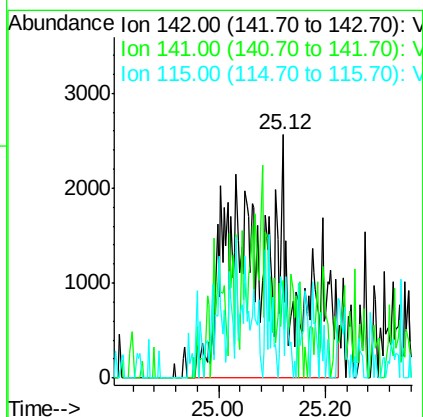
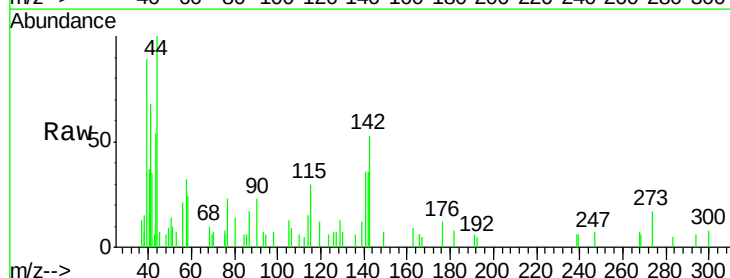
Manual Integrations
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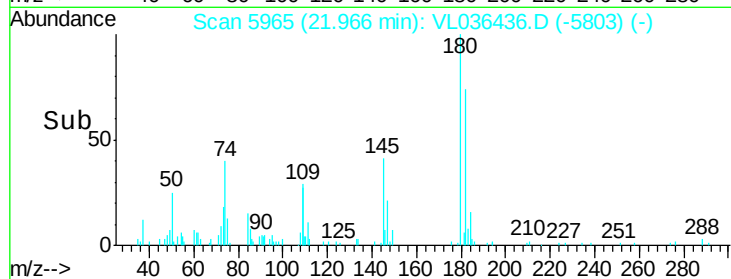
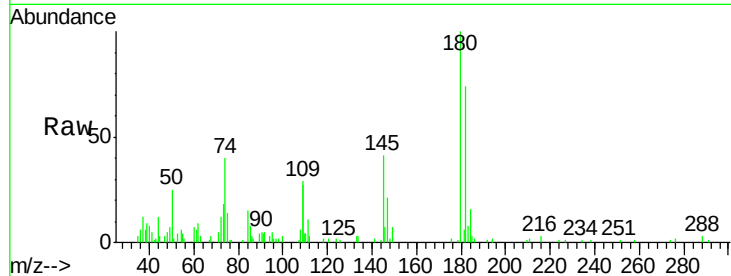
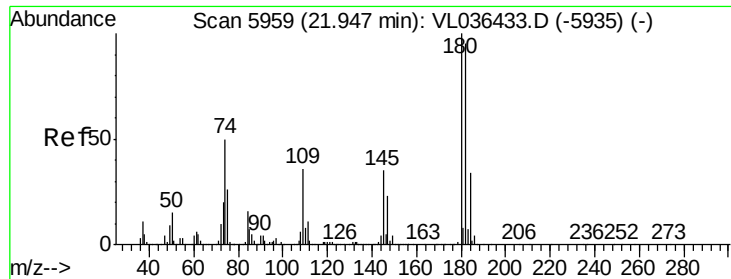
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#80
Naphthalene, 2-methyl-
Concen: 0.324 ppbv m
RT: 25.12 min Scan# 6946
Delta R.T. 0.14 min
Lab File: VL036436.D
Acq: 3 Mar 2021 11:28

Tgt Ion:142 Resp: 16191
Ion Ratio Lower Upper
142 100
141 5.6 69.0 103.6#
115 16.5 32.4 48.6#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.328 ppbv m
 RT: 21.97
 Instrument : MSVOA_L
 Delta R.T :
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 3 Mar 2021 11:28

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

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

