

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032421\
 Data File : VL036468.D
 Acq On : 24 Mar 2021 16:36
 Operator :
 Sample : VL0324ABS01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0324ABS01

Manual Integrations
 APPROVED

Quant Time: Mar 25 07:40:37 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A

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

QLast Update : Wed Mar 03 14:18:24 2021

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 03/25/2021
 Supervised By : Mahesh Dadoda 03/25/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1604151	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3928281	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.09	117	3755195m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3020877	9.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	1682549	7.589	ppbv 98
3) Chlorodifluoromethane	2.98	51	1832563	9.659	ppbv 100
4) Chloromethane	3.13	50	885666	9.823	ppbv 95
5) Vinyl Chloride	3.25	62	911298	10.705	ppbv 99
6) Bromomethane	3.47	94	503540	9.541	ppbv 95
7) Chloroethane	3.55	64	323519	10.088	ppbv 93
8) Dichlorotetrafluoroethane	3.18	85	1972707	9.058	ppbv 94
9) Propene	3.00	41	878510	10.626	ppbv 98
10) Heptane	8.12	43	2180014	10.695	ppbv 100
11) Trichlorofluoromethane	3.94	101	2232675	9.752	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1423296	9.748	ppbv 96
13) Ethanol	3.60	45	184252m	14.524	ppbv
14) Bromoethene	3.73	108	639810	10.554	ppbv 98
15) Acetone	3.84	43	1703431	9.292	ppbv 98
16) 1,3-Butadiene	3.32	39	907808	10.267	ppbv 99
17) tert-Butyl alcohol	4.28	59	1832855	12.609	ppbv 99
18) 1,1-Dichloroethene	4.28	96	649747	10.006	ppbv 93
19) Isopropyl Alcohol	3.96	45	1262063	12.250	ppbv 99
20) Methylene Chloride	4.34	84	575673	9.316	ppbv 99
21) Allyl Chloride	4.40	41	1113990	10.777	ppbv 100
22) trans-1,2-Dichloroethene	4.88	96	633310	10.771	ppbv 96
23) Vinyl Acetate	5.07	43	2305023	11.110	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1681411	10.268	ppbv 100
25) Ethyl Acetate	5.67	43	3728525	10.461	ppbv 99
26) Hexane	5.68	57	1505107	10.320	ppbv 99
27) Carbon Disulfide	4.54	76	1659350	11.464	ppbv 98
28) Methyl tert-Butyl Ether	5.02	73	2118554	10.840	ppbv 100
29) Chloroform	5.75	83	2367956	9.924	ppbv 100
30) Cyclohexane	7.13	84	1268971	10.530	ppbv 99
31) cis-1,2-Dichloroethene	5.54	61	1556808	11.051	ppbv 94
32) 1,1,1-Trichloroethane	6.51	97	2356343	9.828	ppbv 99
34) 2-Butanone	5.24	43	2388512	10.087	ppbv 99
35) Carbon Tetrachloride	7.01	117	2426252	9.559	ppbv 98
36) Benzene	6.89	78	3185663	10.451	ppbv 98
37) 1,2-Dichloroethane	6.30	62	1848763	9.652	ppbv 99
38) Trichloroethene	7.83	130	1149675	9.980	ppbv 98
39) 1,2-Dichloropropane	7.61	63	1272635	9.818	ppbv 94
40) 1,4-Dioxane	7.83	88	449996	10.576	ppbv 82
41) Tetrahydrofuran	6.04	42	1475028	11.169	ppbv 99
42) Bromodichloromethane	7.79	83	2525228	9.756	ppbv 98
43) Methyl Methacrylate	8.01	69	1415438	11.466	ppbv 99

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Instrument :
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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/25/2021
 Supervised By : Mahesh Dadoda 03/25/2021

Quant Time: Mar 25 07:40:37 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A

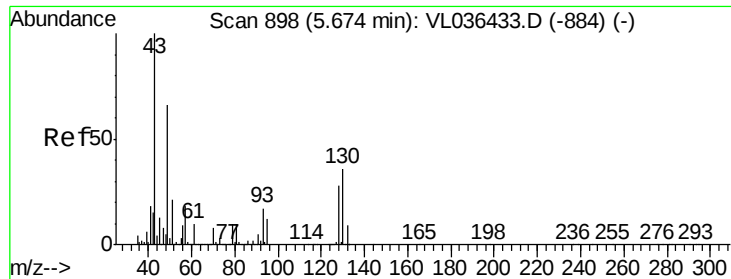
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Wed Mar 03 14:18:24 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5379986	9.680	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	1520943	12.659	ppbv	95
46) cis-1,3-Dichloropropene	8.70	75	1853516	11.817	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1287657	9.966	ppbv	95
48) Dibromochloromethane	10.30	129	2175134	11.117	ppbv	100
49) Bromoform	13.04	173	1805721	11.281	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	3661514	10.621	ppbv	99
51) 2-Hexanone	10.13	43	2985283	11.455	ppbv #	99
52) Tetrachloroethene	11.22	164	1101202	9.633	ppbv	96
53) Toluene	9.80	91	3554153	10.826	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1934940	10.373	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.12	131	1605567	9.648	ppbv	97
57) Chlorobenzene	12.15	112	2590268	9.550	ppbv	96
58) Ethyl Benzene	12.71	91	4782171	10.249	ppbv	100
59) m/p-Xylene	12.99	91	8080340m	19.587	ppbv	
60) o-Xylene	13.69	91	3777412	9.531	ppbv	98
61) Styrene	13.53	104	2763356	11.466	ppbv	100
62) Isopropylbenzene	14.67	105	5730644	9.590	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2637534	8.512	ppbv	99
64) n-propylbenzene	15.56	120	1515754	10.155	ppbv	97
65) tert-Butylbenzene	16.75	119	4935576	9.494	ppbv	100
66) Benzyl Chloride	16.99	91	1809424	12.467	ppbv	99
67) sec-Butylbenzene	17.29	105	6913823	9.523	ppbv	100
69) p-Isopropyltoluene	17.65	119	5703520	9.818	ppbv	99
70) n-Butylbenzene	18.55	91	5836588	9.720	ppbv	99
71) 2-Chlorotoluene	15.45	91	4428950	9.853	ppbv	99
72) 4-Ethyltoluene	15.84	105	4379164	10.174	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4160570	9.963	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	4234915	9.551	ppbv	97
75) 1,3-Dichlorobenzene	17.00	146	2375974	9.649	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	2361907	9.599	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2291684	9.506	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1689683	8.807	ppbv	99
79) Naphthalene	22.20	128	3170159	12.206	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	1285664	22.894	ppbv	98
81) 1,2,4-Trichlorobenzene	21.93	180	1700681	11.392	ppbv	95

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0324ABS01

Acq: 24 Mar 2021 16:36

Tot Ion:

Ion Ratio

49 100

128 45.

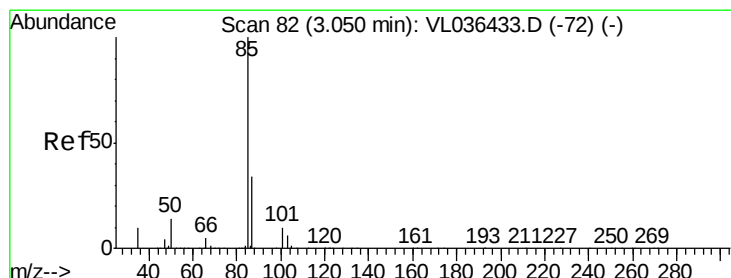
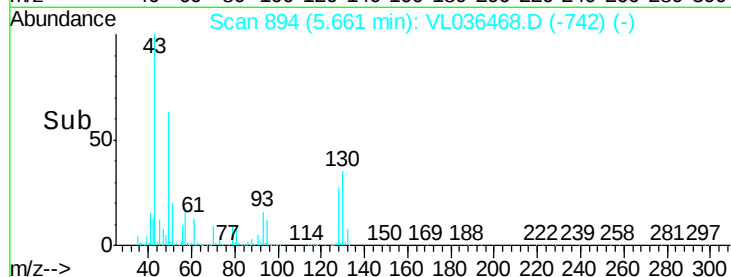
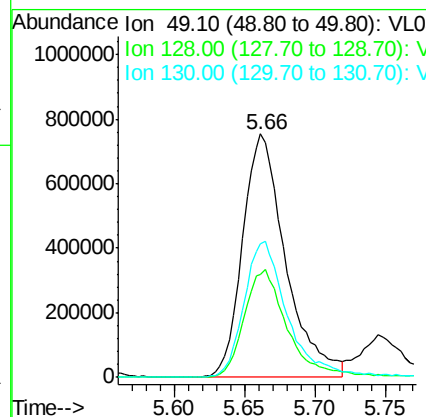
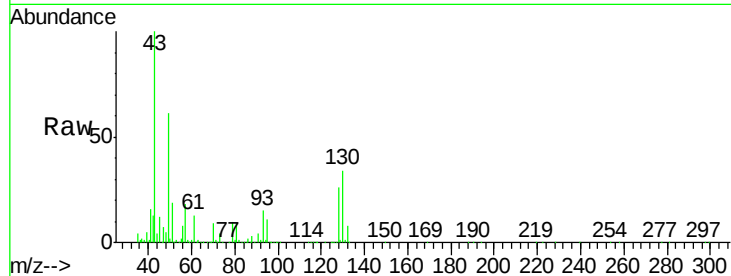
130 57.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#2

Dichlorodifluoromethane

Concen: 7.589 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.01 min

Lab File: VL036468.D

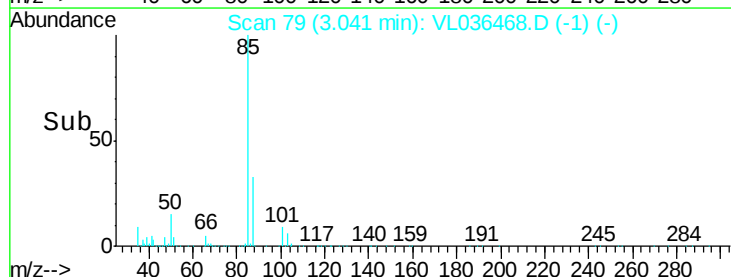
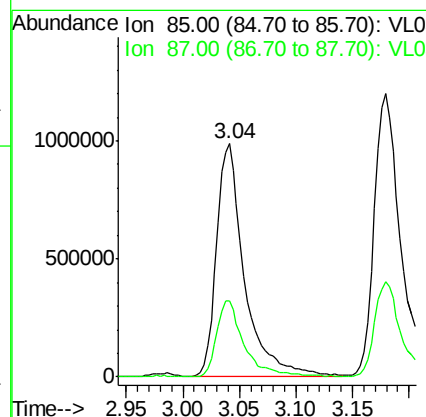
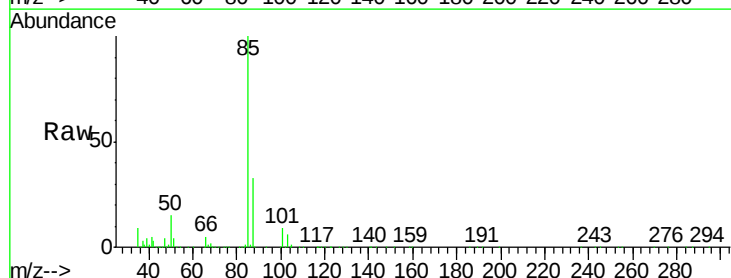
Acq: 24 Mar 2021 16:36

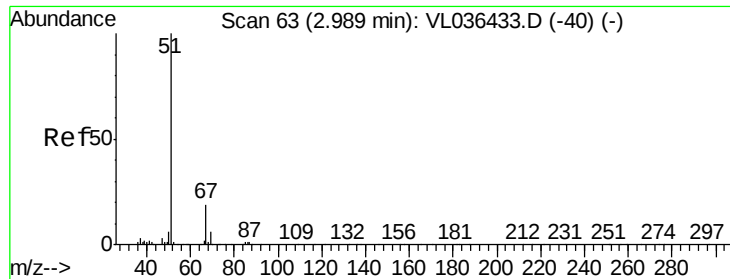
Tgt Ion: 85 Resp: 1682549

Ion Ratio Lower Upper

85 100

87 32.6 27.1 40.7





#3

Chlorodifluoromethane

Concen: 9.659 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 16:36 VL0324ABS01

Tot Ion:

Ion Ratio

51 100

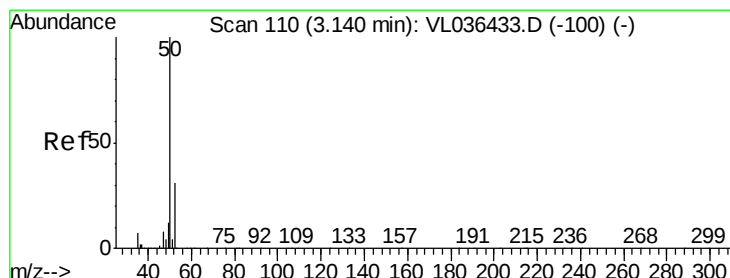
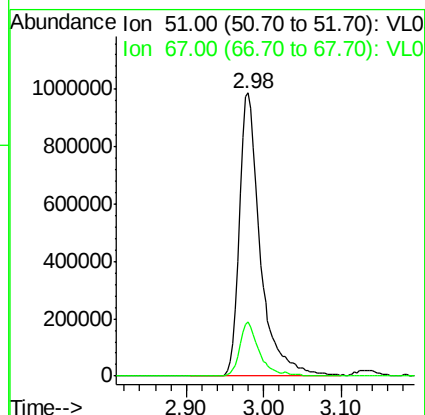
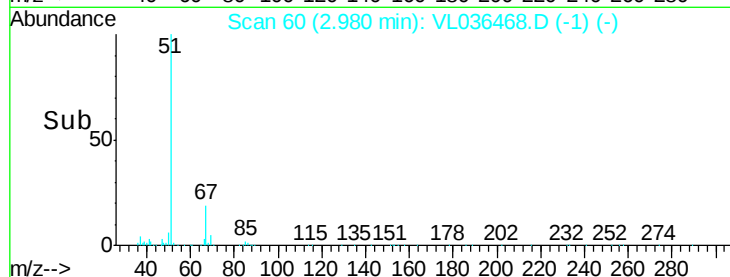
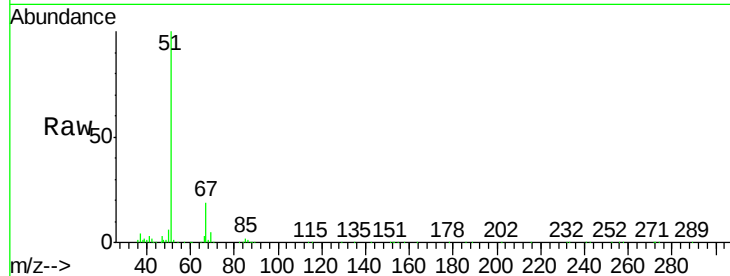
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#4

Chloromethane

Concen: 9.823 ppbv

RT: 3.13 min Scan# 107

Delta R.T. -0.01 min

Lab File: VL036468.D

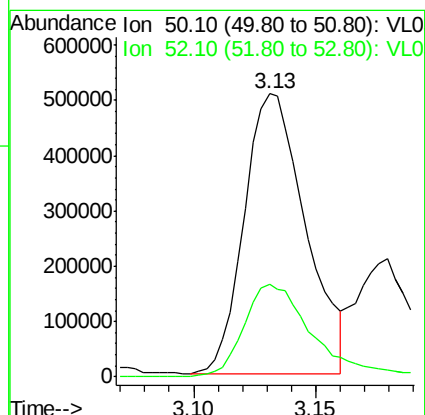
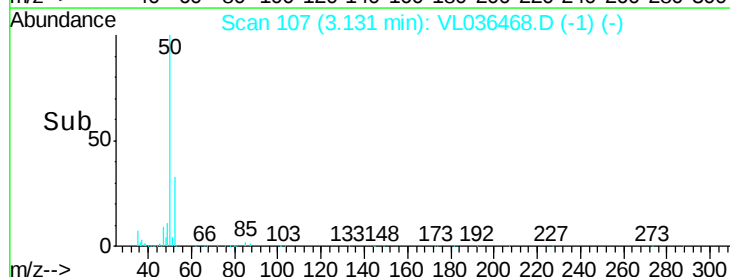
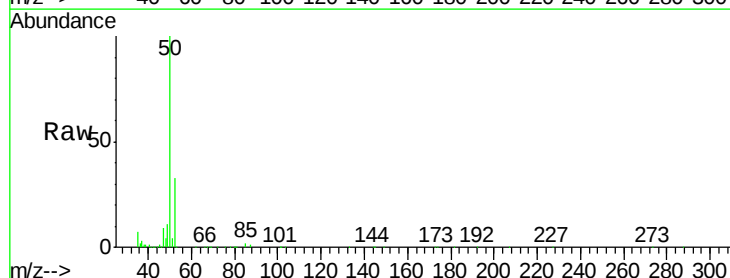
Acq: 24 Mar 2021 16:36

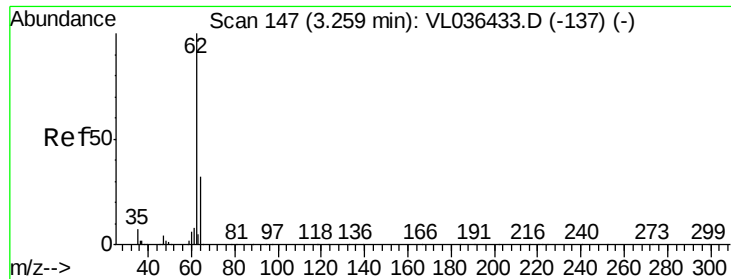
Tgt Ion: 50 Resp: 885666

Ion Ratio Lower Upper

50 100

52 33.2 24.6 36.8





#5

Vinyl Chloride

Concen: 10.705 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0324ABS01

Acq: 24 Mar 2021 16:36

Tot Ion:

Ion Ratio

62 100

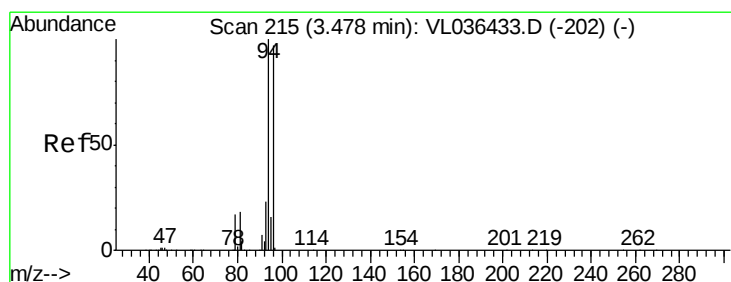
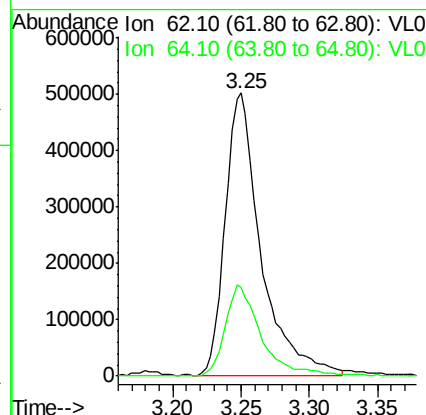
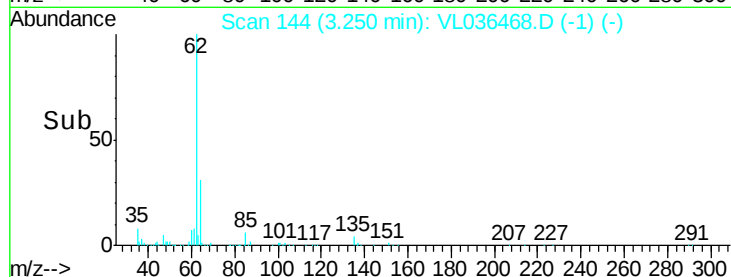
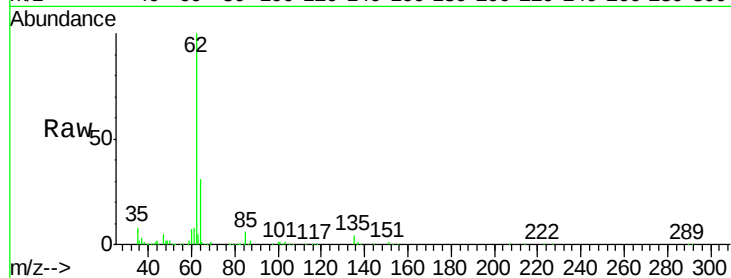
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#6

Bromomethane

Concen: 9.541 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.01 min

Lab File: VL036468.D

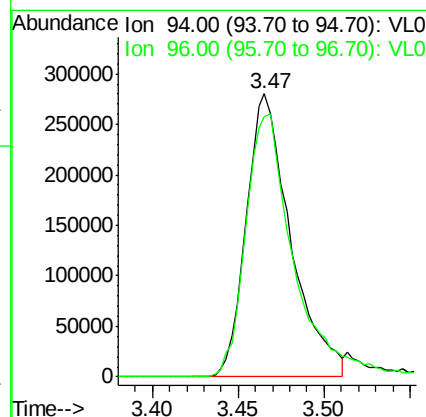
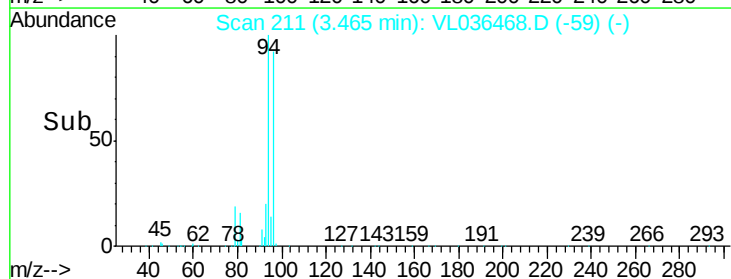
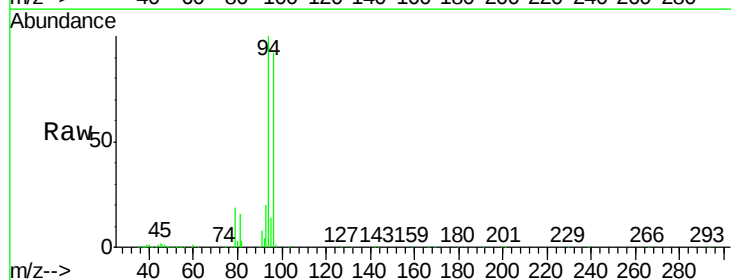
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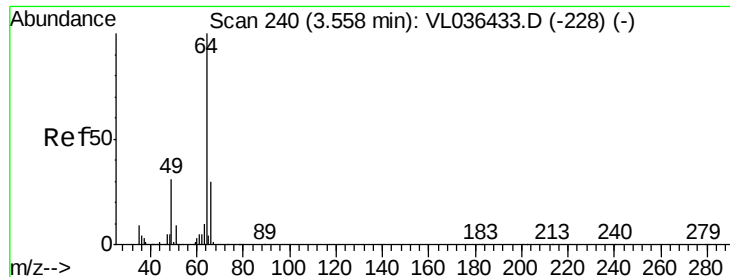
Tgt Ion: 94 Resp: 503540

Ion Ratio Lower Upper

94 100

96 92.0 77.3 115.9





#7

Chloroethane

Concen: 10.088 ppbv

RT: 3.55 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2021 16:36

Tot Ion:

Ion Ratio

64 100

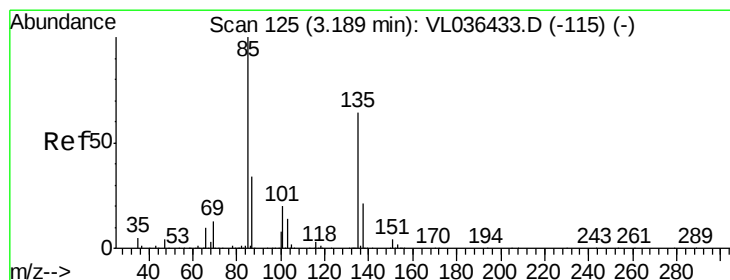
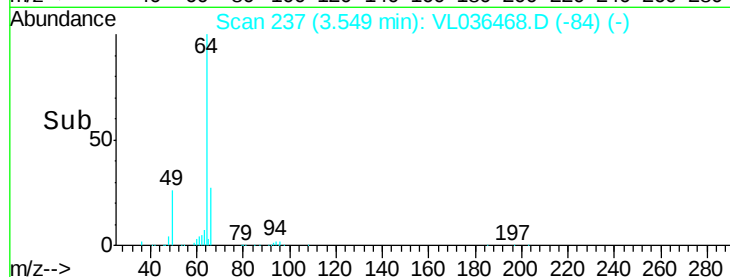
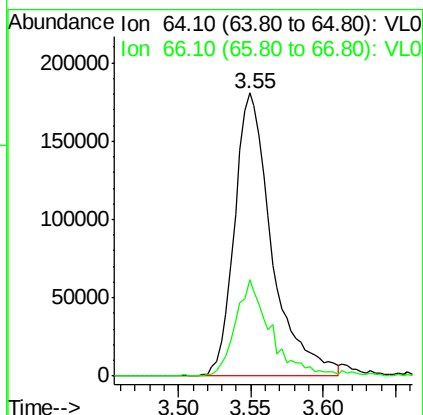
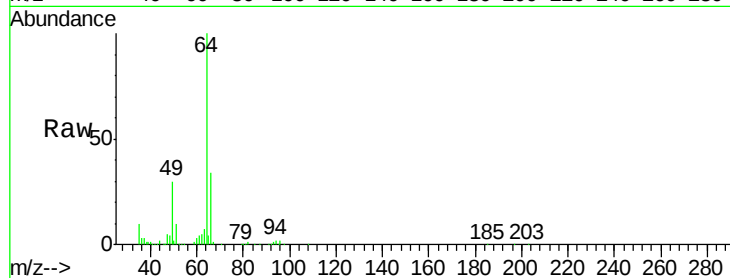
66 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#8

Dichlorotetrafluoroethane

Concen: 9.058 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.01 min

Lab File: VL036468.D

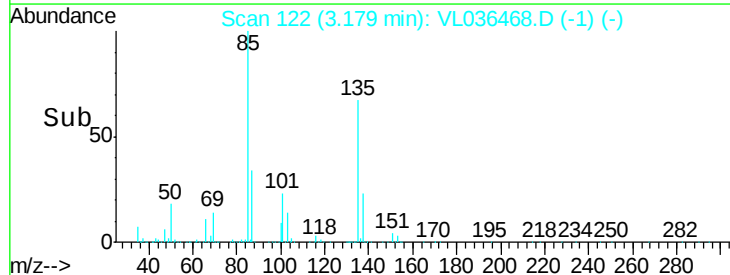
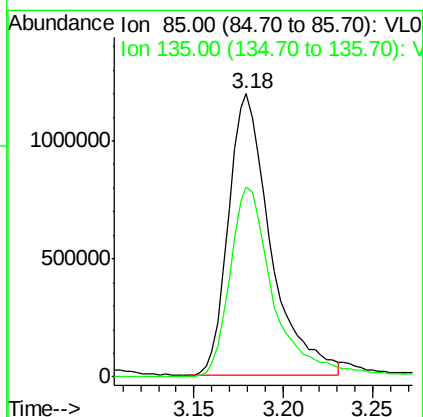
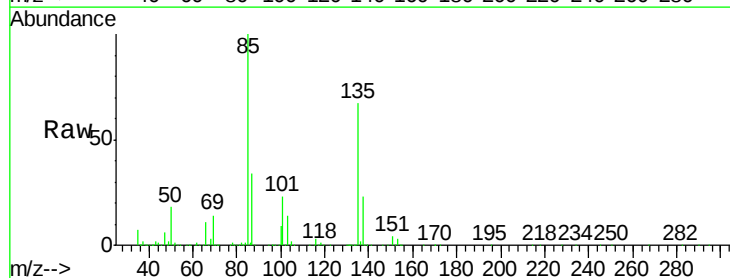
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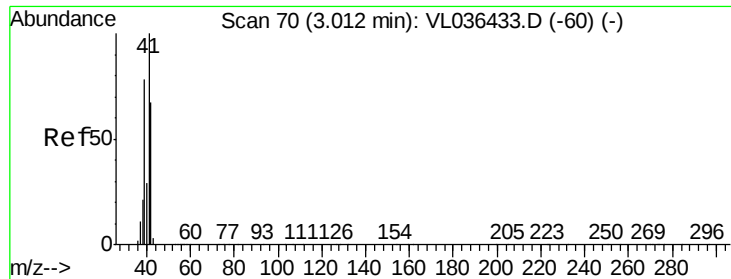
Tgt Ion: 85 Resp: 1972707

Ion Ratio Lower Upper

85 100

135 71.1 52.8 79.2



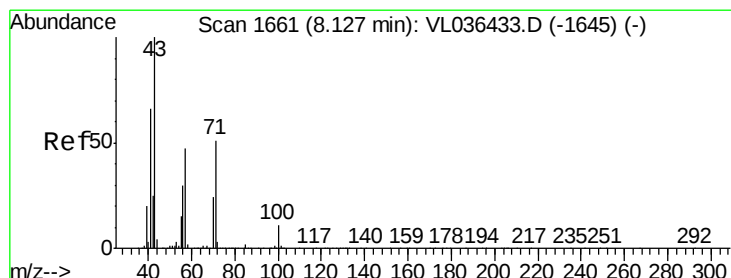
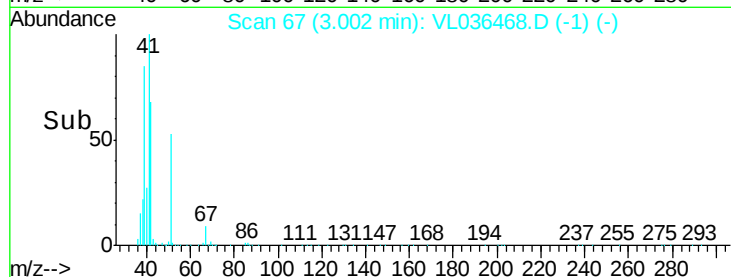
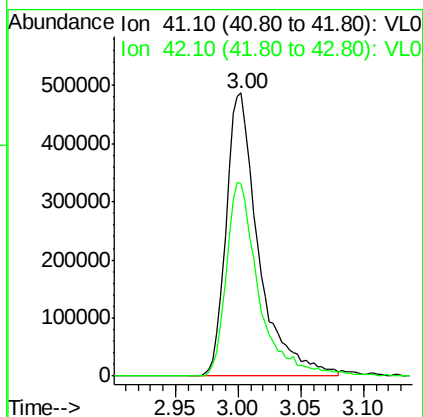
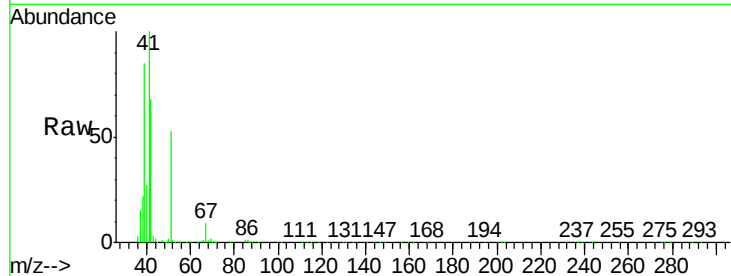


#9
 Propene
 Concen: 10.626 ppbv
 RT: 3.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0324ABS01
 Acq: 24 Mar 2021 16:36

Tot Ion:
 Ion Ratio
 41 100
 42 68.

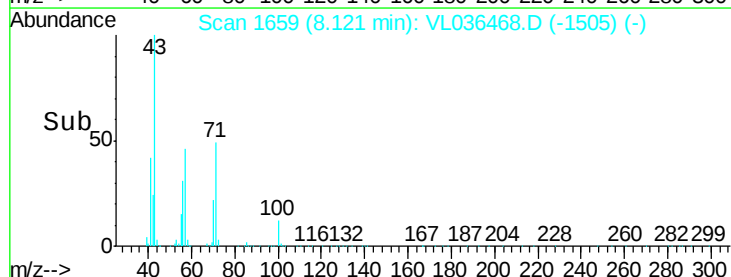
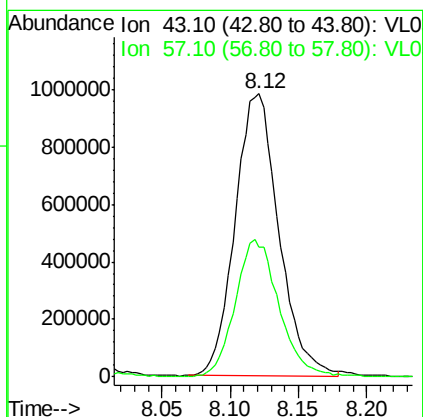
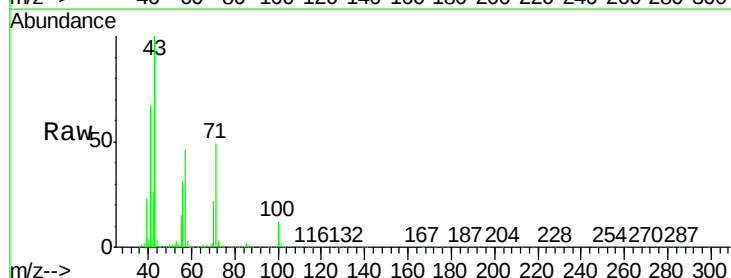
Manual Integrations
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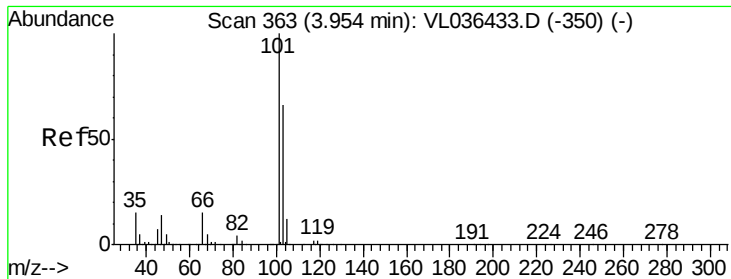
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#10
 Heptane
 Concen: 10.695 ppbv
 RT: 8.12 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion: 43 Resp: 2180014
 Ion Ratio Lower Upper
 43 100
 57 48.9 39.1 58.7



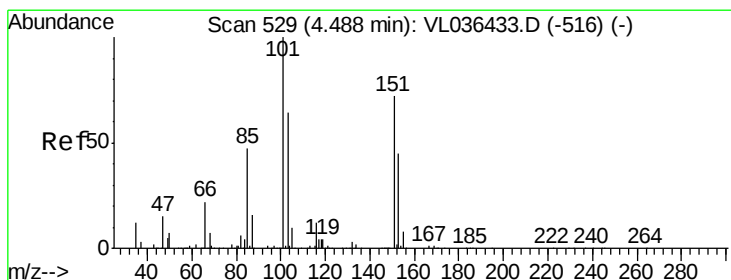
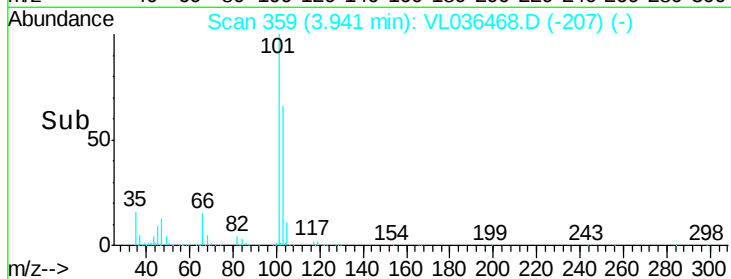
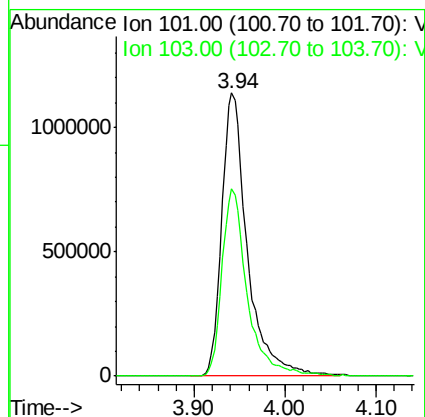
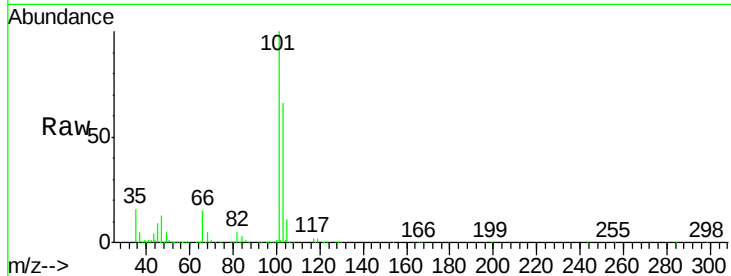


#11
 Trichlorofluoromethane
 Concen: 9.752 ppbv
 RT: 3.94
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0324ABS01
 Acq: 24 Mar 2021 16:30

Tot Ion:1
 Ion Rati
 101 100
 103 66.

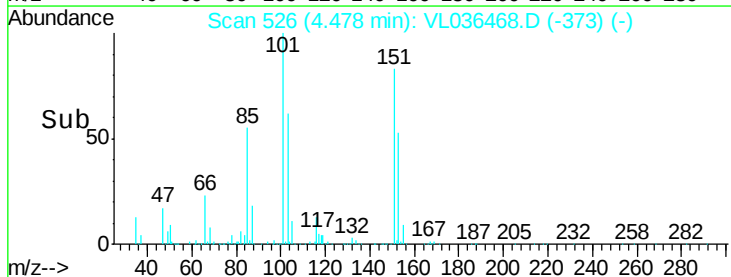
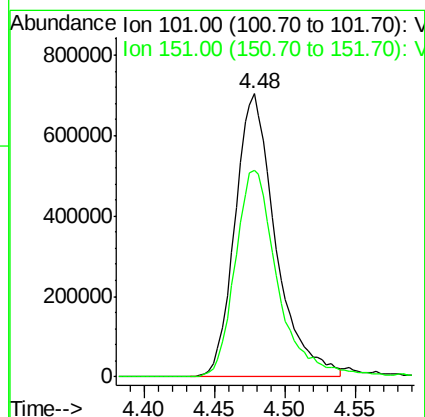
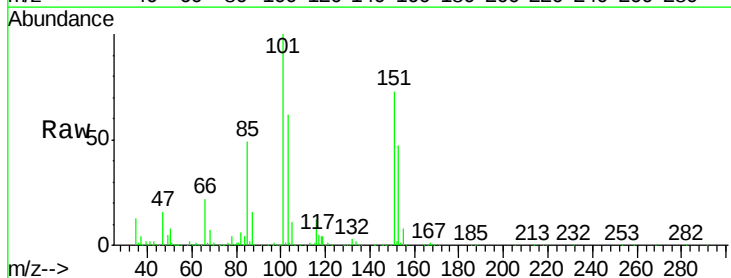
Manual Integrations
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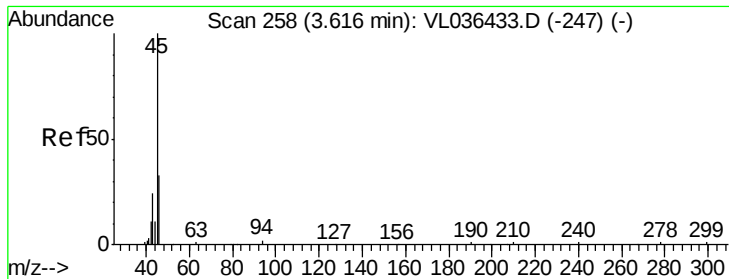
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.748 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion:101 Resp: 1423296
 Ion Ratio Lower Upper
 101 100
 151 77.1 59.0 88.4





#13

Ethanol

Concen: 14.524 ppbv m

RT: 3.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 16:30 VL0324ABS01

Tot Ion:

Ion Ratio

45 100

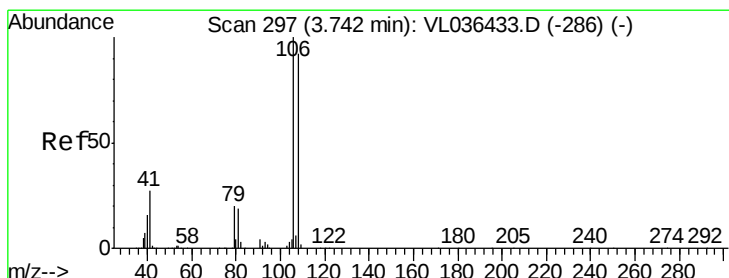
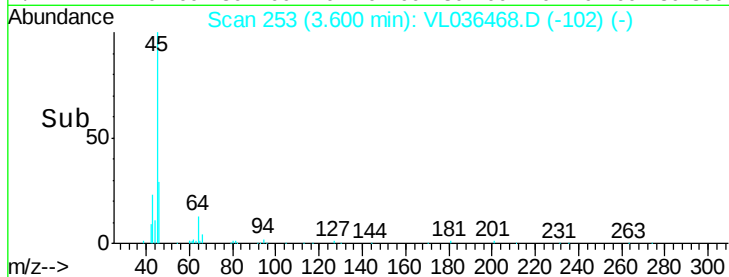
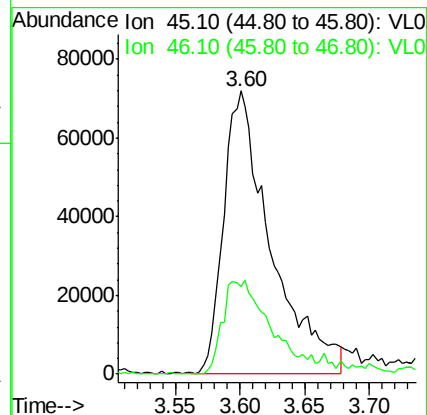
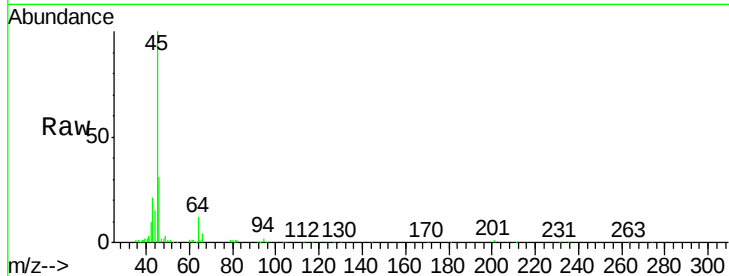
46 37.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#14

Bromoethene

Concen: 10.554 ppbv

RT: 3.73 min Scan# 294

Delta R.T. -0.01 min

Lab File: VL036468.D

Acq: 24 Mar 2021 16:36

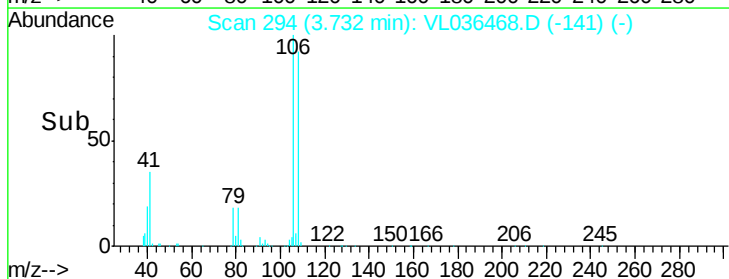
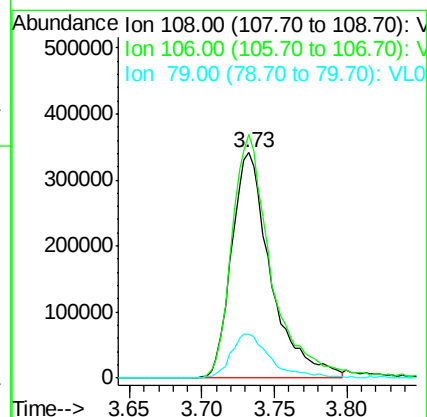
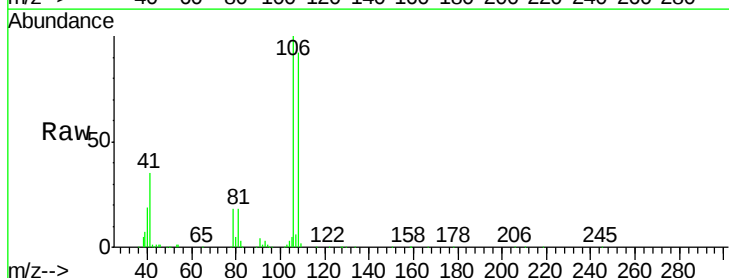
Tgt Ion:108 Resp: 639810

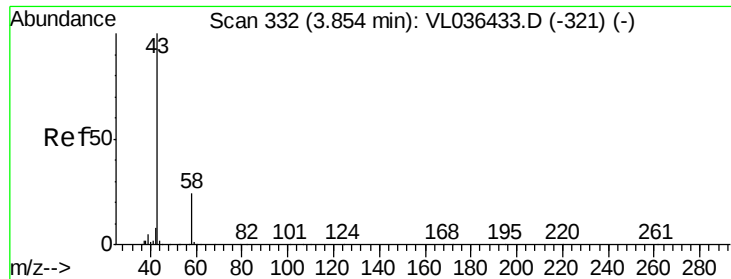
Ion Ratio Lower Upper

108 100

106 110.5 87.0 130.4

79 20.1 17.1 25.7



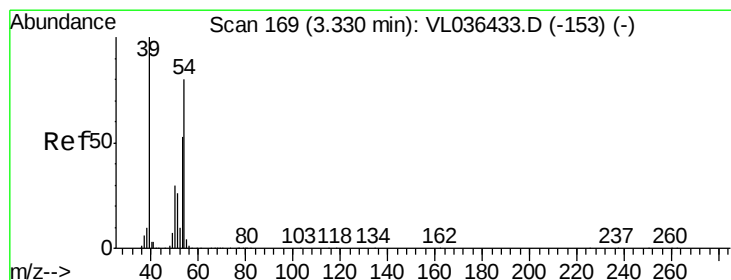
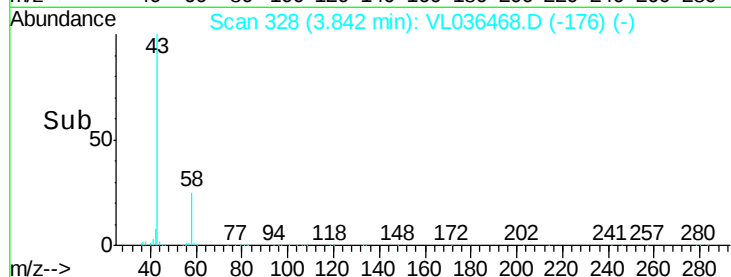
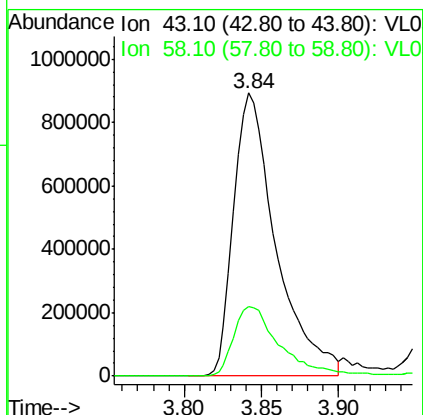
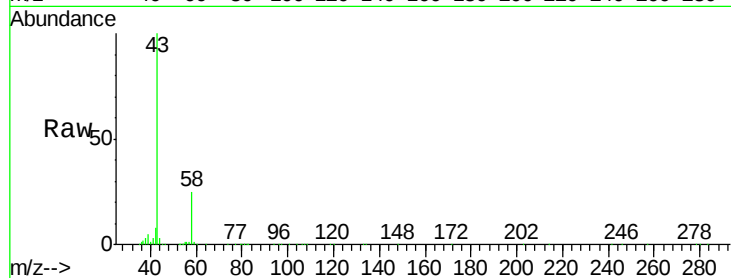


#15
Acetone
Concen: 9.292 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2021 16:36

Tot Ion:
Ion Ratio
43 100
58 27.

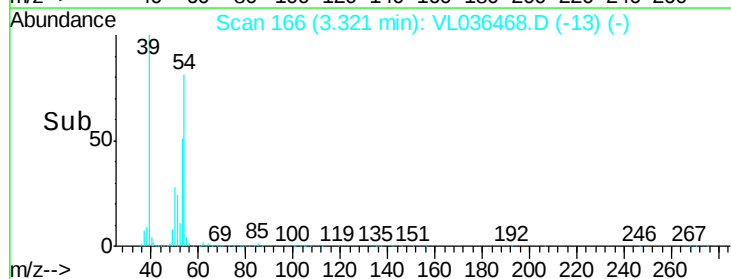
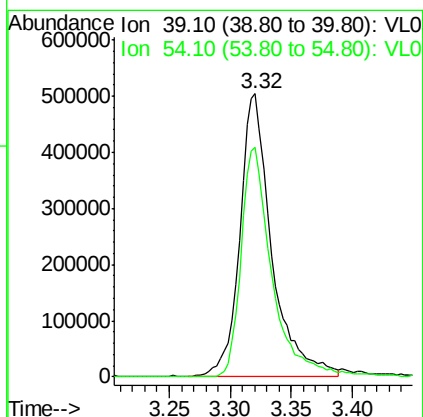
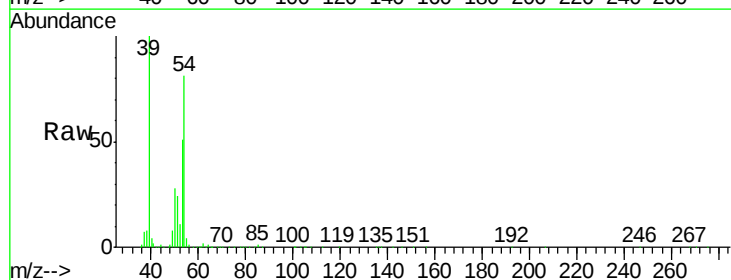
Manual Integrations
APPROVED

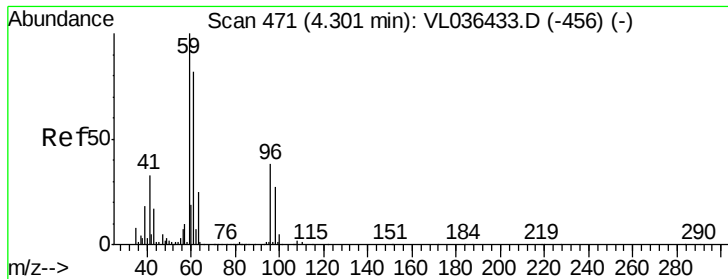
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#16
1,3-Butadiene
Concen: 10.267 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.01 min
Lab File: VL036468.D
Acq: 24 Mar 2021 16:36

Tgt Ion: 39 Resp: 907808
Ion Ratio Lower Upper
39 100
54 79.6 64.5 96.7





#17

tert-Butyl alcohol

Concen: 12.609 ppbv

RT: 4.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 16:36

Tot Ion:

Ion Ratio

59 100

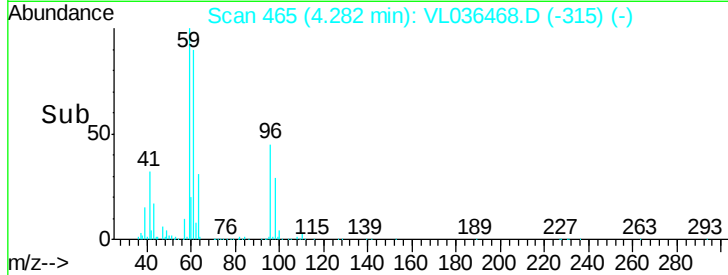
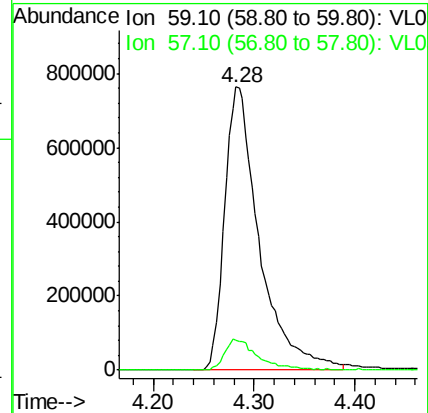
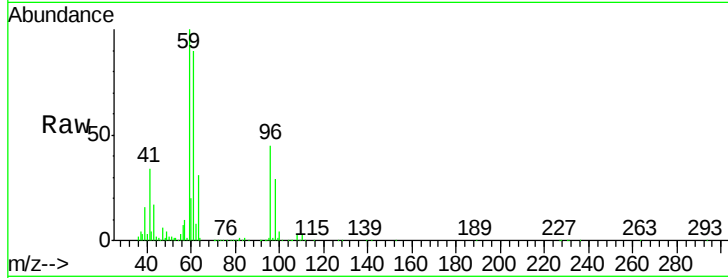
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#18

1,1-Dichloroethene

Concen: 10.006 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.01 min

Lab File: VL036468.D

Acq: 24 Mar 2021 16:36

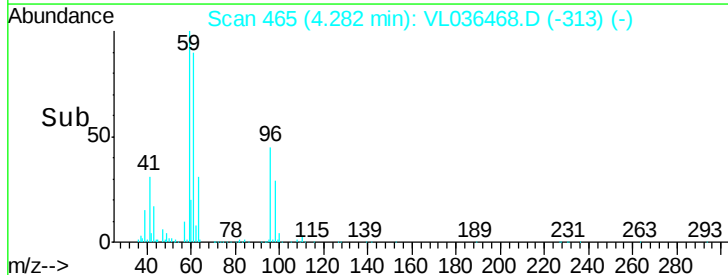
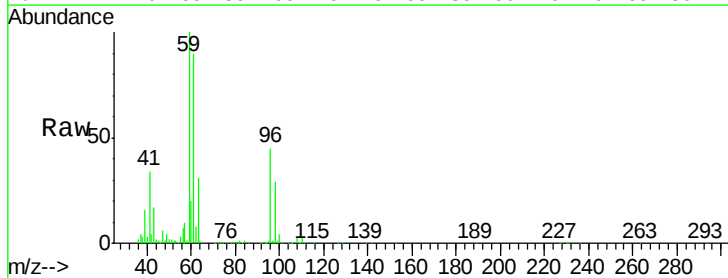
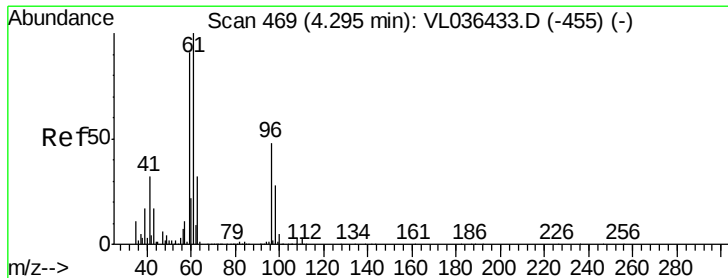
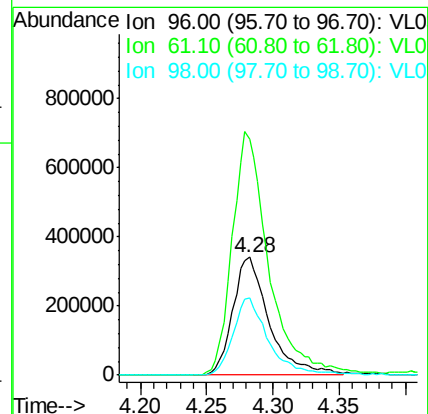
Tgt Ion: 96 Resp: 649747

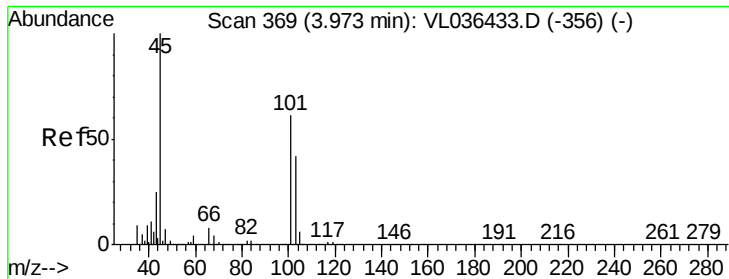
Ion Ratio Lower Upper

96 100

61 200.3 168.2 252.2

98 65.6 47.8 71.6





#19

Isopropyl Alcohol

Concen: 12.250 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2021 16:36

Tot Ion:

Ion Ratio

45 100

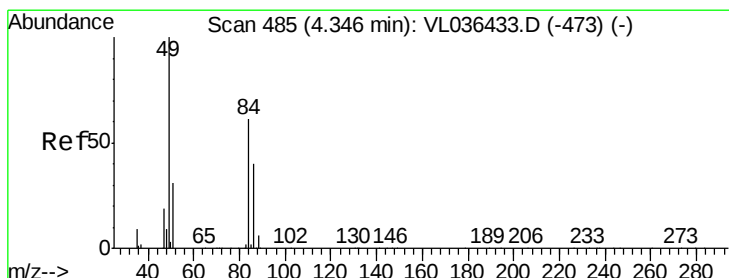
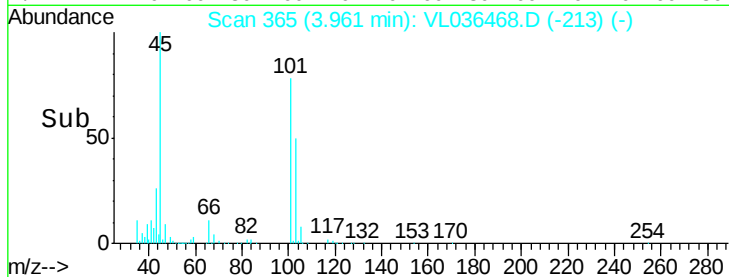
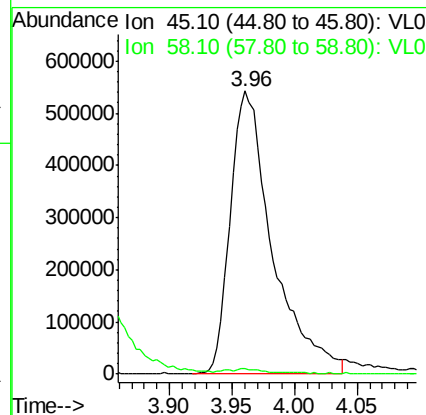
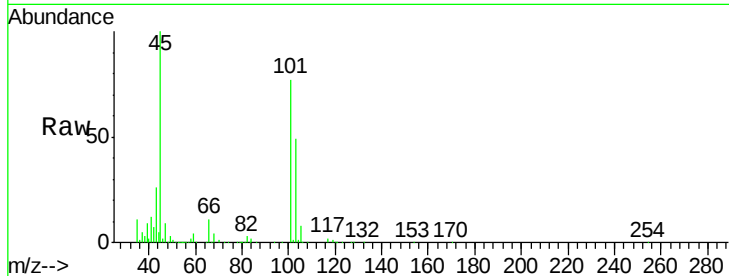
58 2.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#20

Methylene Chloride

Concen: 9.316 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL036468.D

Acq: 24 Mar 2021 16:36

Tgt Ion: 84 Resp: 575673

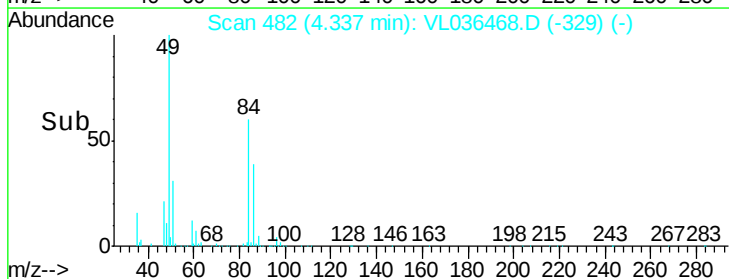
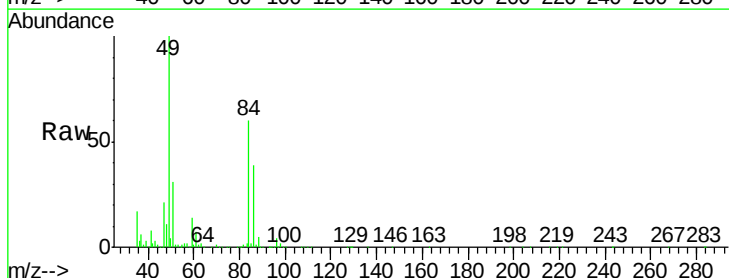
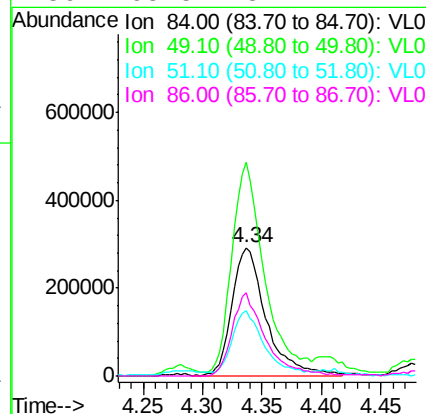
Ion Ratio Lower Upper

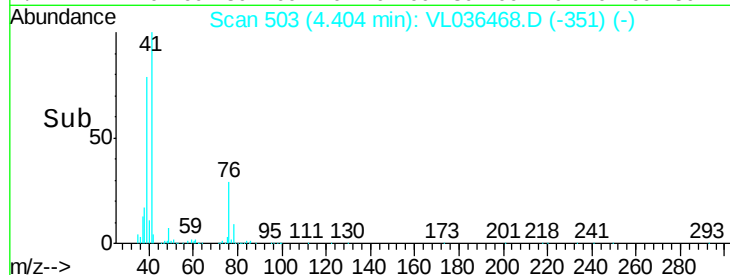
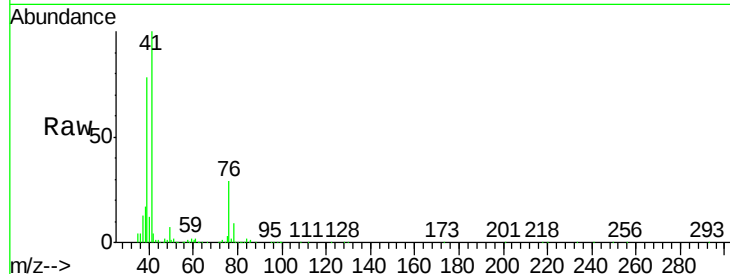
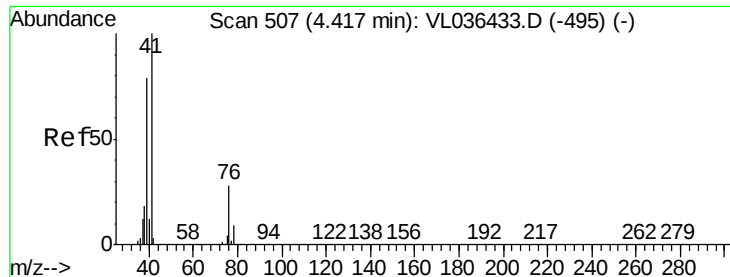
84 100

49 162.1 130.2 195.2

51 49.1 40.5 60.7

86 65.5 51.4 77.2



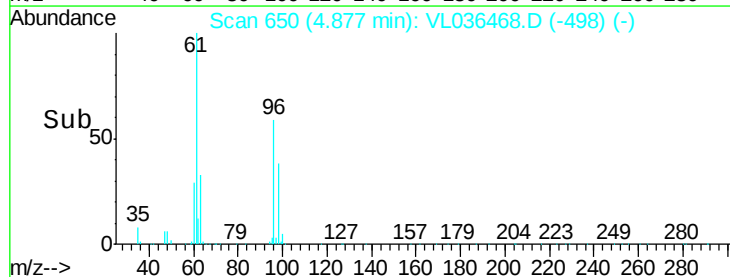
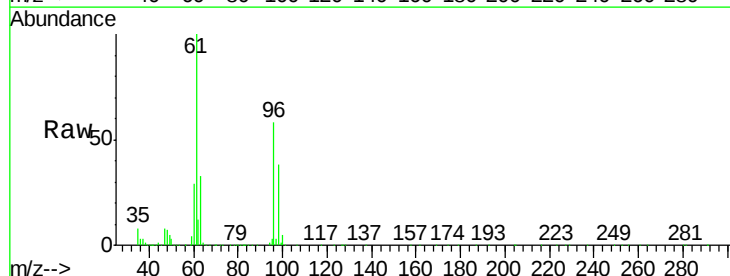
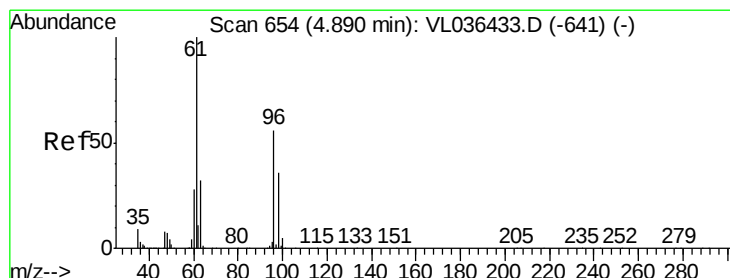
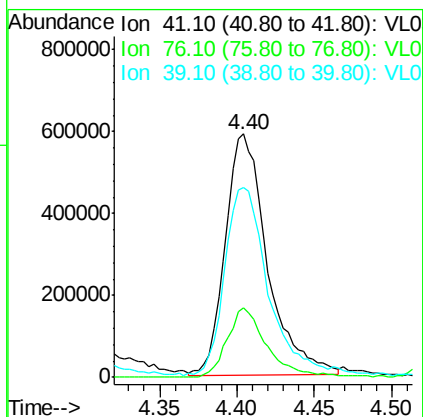


#21
Allvl Chloride
Concen: 10.777 ppbv
RT: 4.40
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Mar 2021 16:36

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

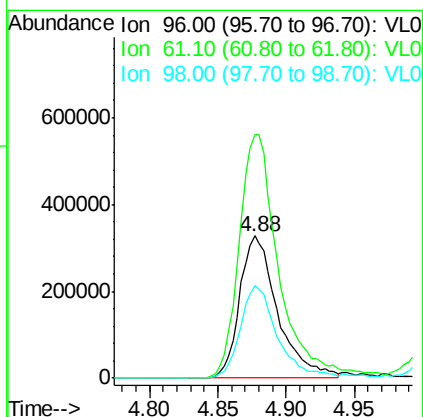
Manual Integrations
APPROVED

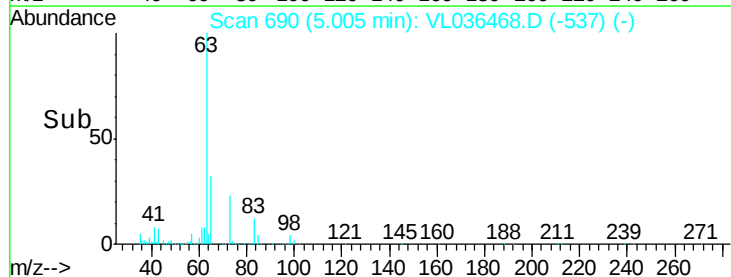
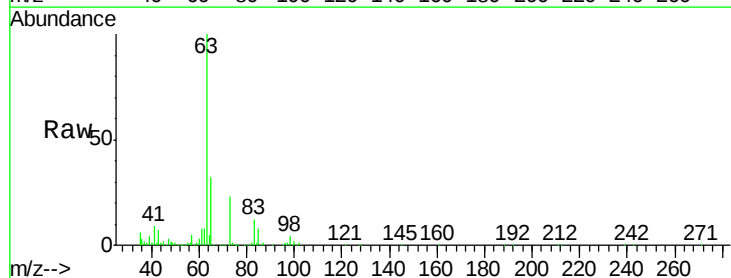
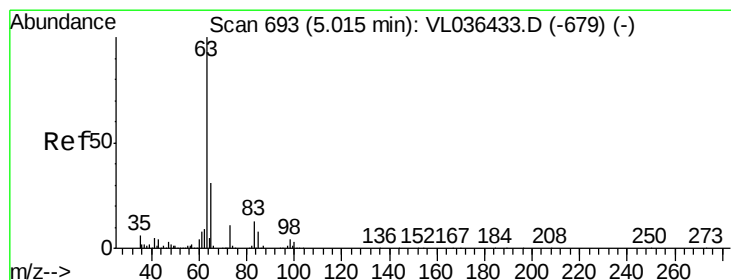
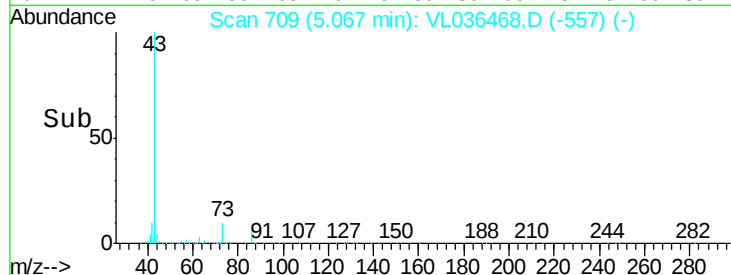
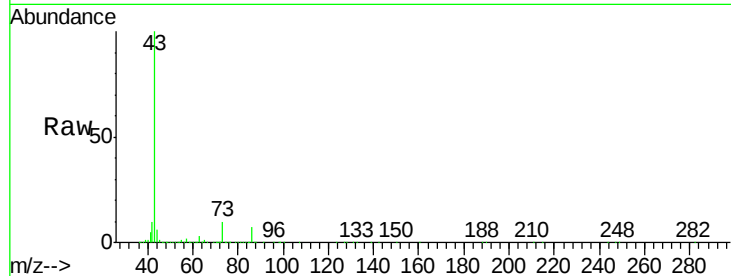
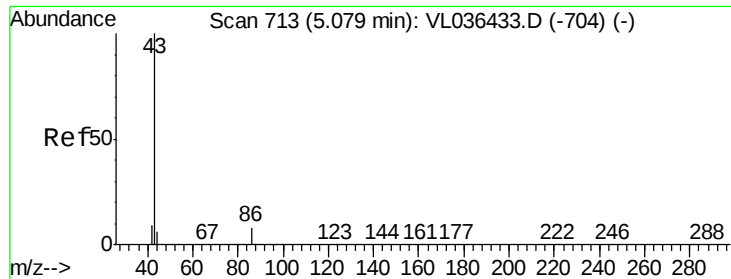
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#22
trans-1,2-Dichloroethene
Concen: 10.771 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.01 min
Lab File: VL036468.D
Acq: 24 Mar 2021 16:36

Tgt Ion: 96 Resp: 633310
Ion Ratio Lower Upper
96 100
61 170.9 142.1 213.1
98 65.1 50.6 75.8





#23

Vinyl Acetate

Concen: 11.110 ppbv

RT: 5.07 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 16:36 VL0324ABS01

Tot Ion:

Ion Ratio

43 100

86 6.

42 9.

44 5.1

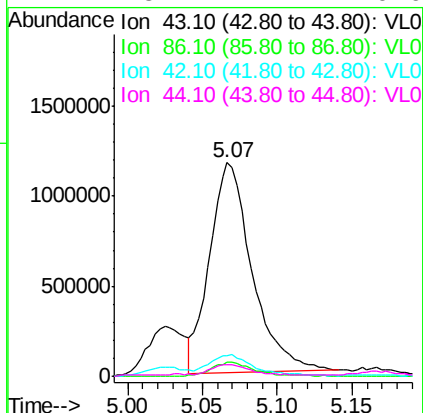
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021

4.4 6.6



#24

1,1-Dichloroethane

Concen: 10.268 ppbv

RT: 5.01 min Scan# 690

Delta R.T. -0.01 min

Lab File: VL036468.D

Acq: 24 Mar 2021 16:36

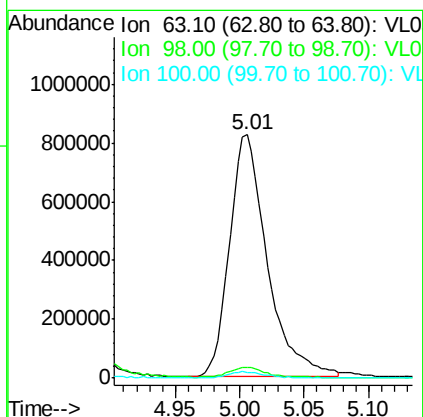
Tgt Ion: 63 Resp: 1681411

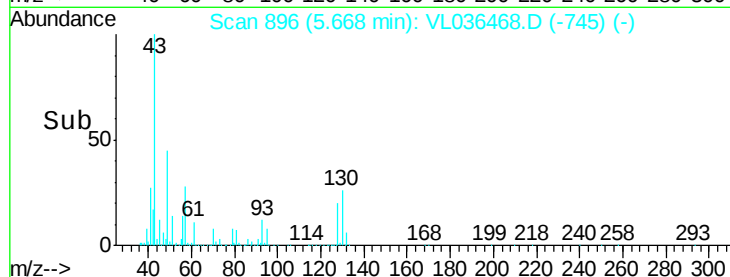
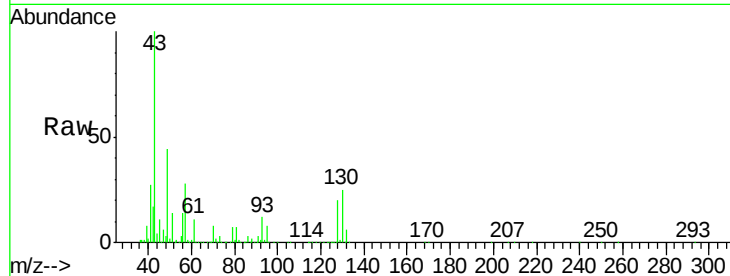
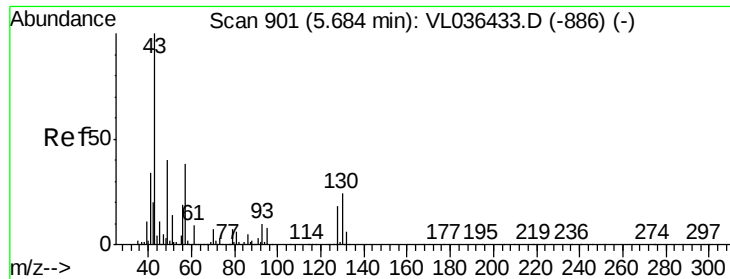
Ion Ratio Lower Upper

63 100

98 4.1 2.0 5.8

100 2.4 1.3 3.8



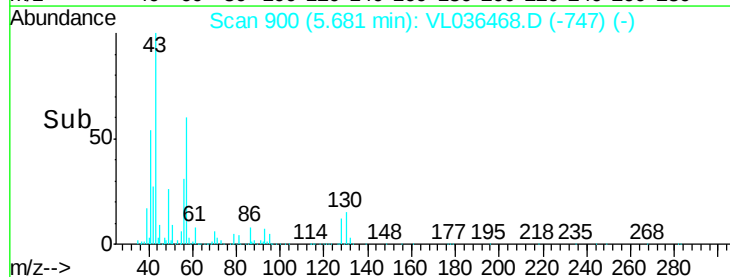
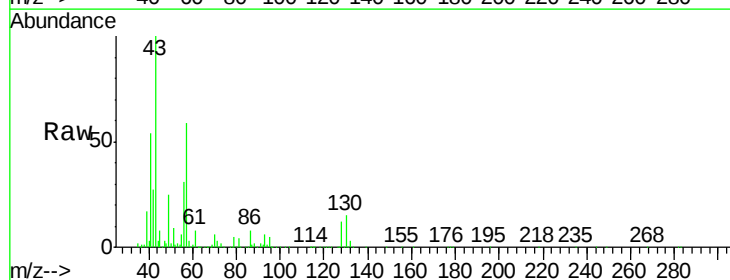
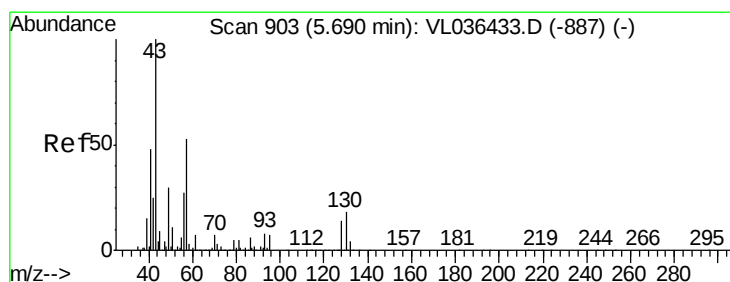
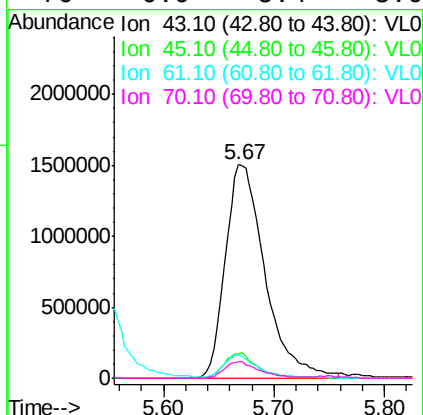


#25
Ethyl Acetate
Concen: 10.461 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0324ABS01
Acq: 24 Mar 2021 16:36

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 6.9 5.4 8.0

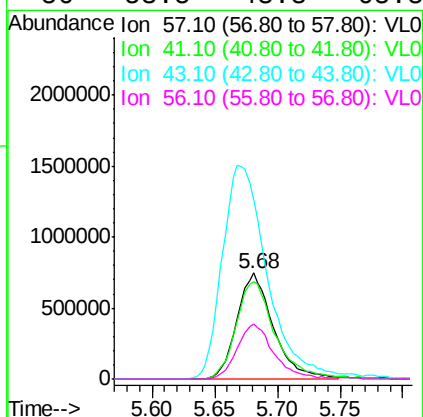
Manual Integrations
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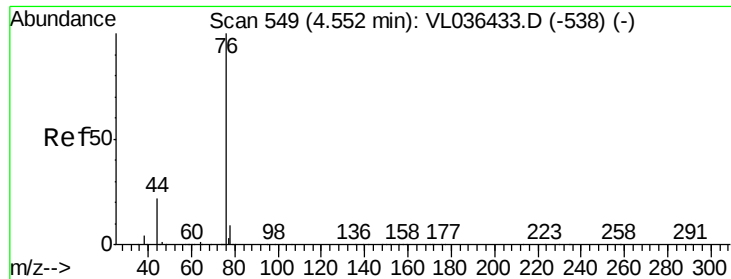
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#26
Hexane
Concen: 10.320 ppbv
RT: 5.68 min Scan# 900
Delta R.T.: -0.01 min
Lab File: VL036468.D
Acq: 24 Mar 2021 16:36

Tgt Ion: 57 Resp: 1505107
Ion Ratio Lower Upper
57 100
41 100.0 80.4 120.6
43 251.9 199.8 299.6
56 53.5 43.8 65.8





#27

Carbon Disulfide

Concen: 11.464 ppbv

RT: 4.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 24 Mar 2021 16:36

Tot Ion:

Ion Ratio

76 100

44 20.

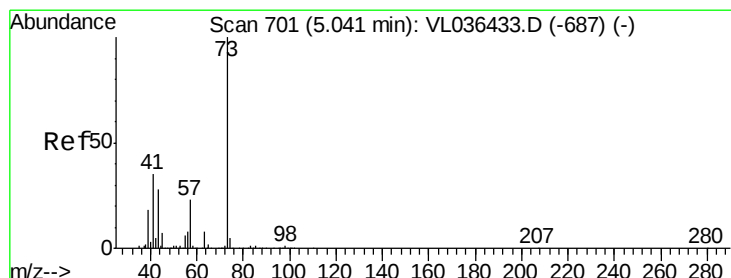
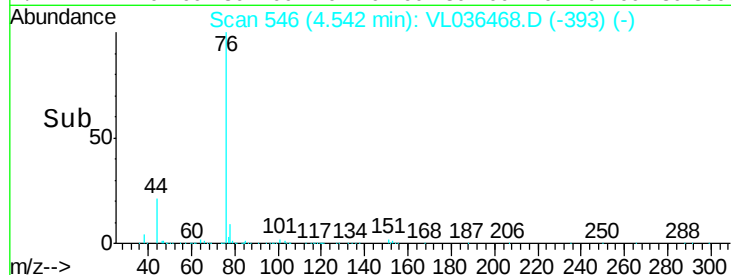
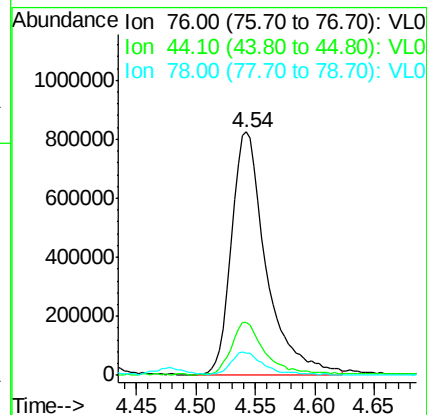
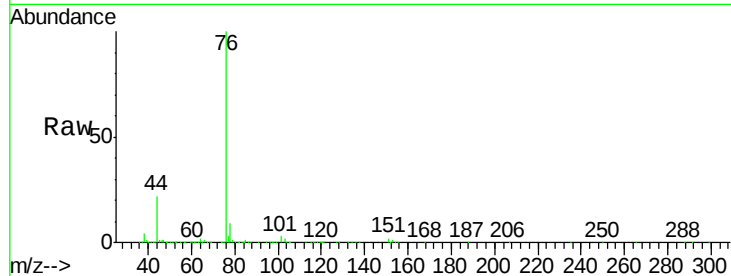
78 9.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#28

Methyl tert-Butyl Ether

Concen: 10.840 ppbv

RT: 5.02 min Scan# 696

Delta R.T. -0.02 min

Lab File: VL036468.D

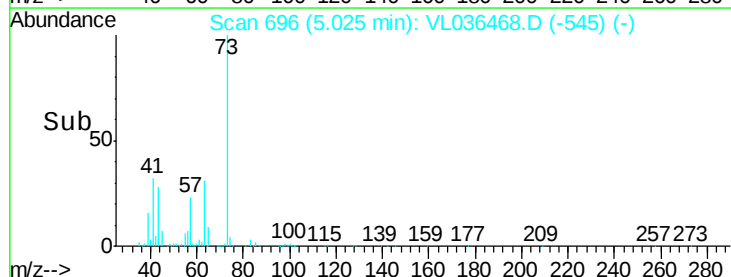
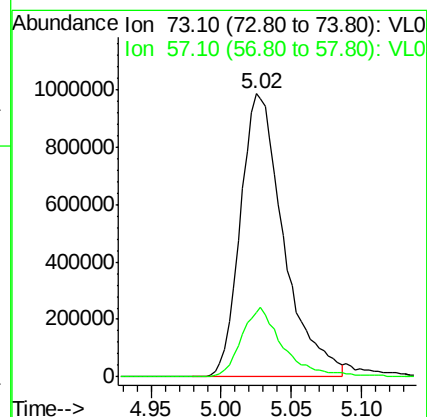
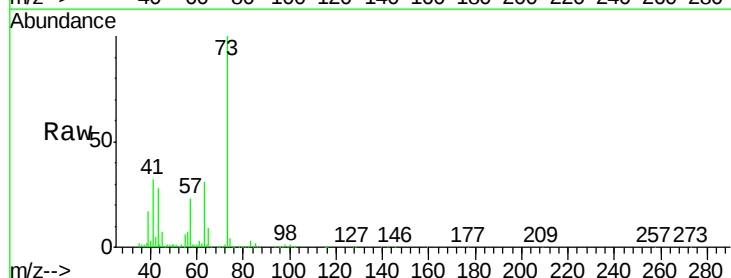
Acq: 24 Mar 2021 16:36

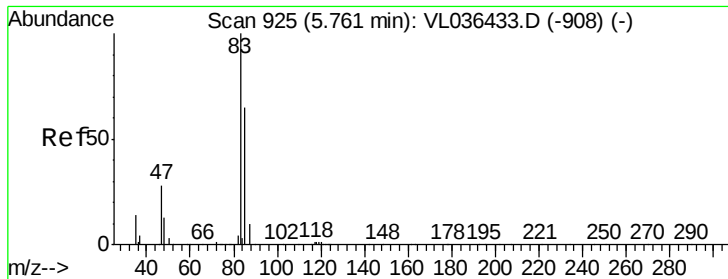
Tgt Ion: 73 Resp: 2118554

Ion Ratio Lower Upper

73 100

57 23.8 19.0 28.6



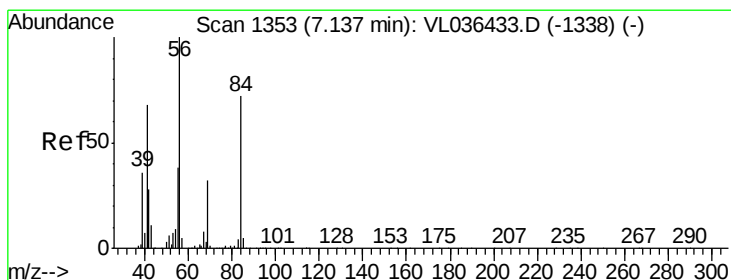
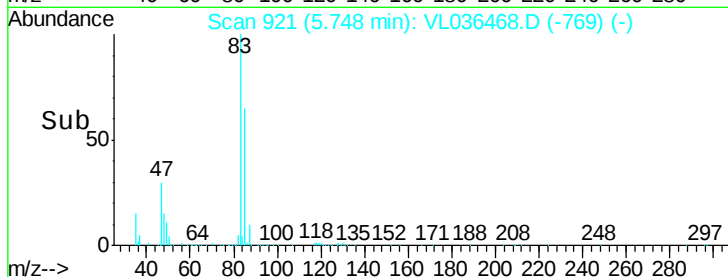
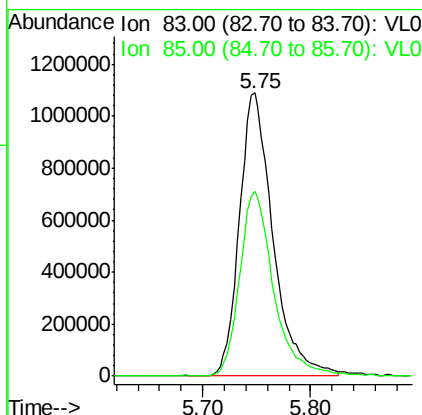
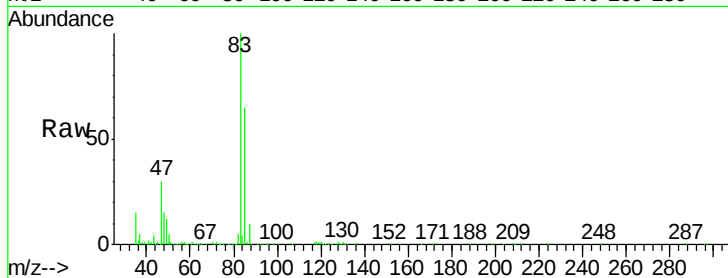


#29
Chloroform
Concen: 9.924 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2021 16:36

Tot Ion:
Ion Ratio
83 100
85 65.

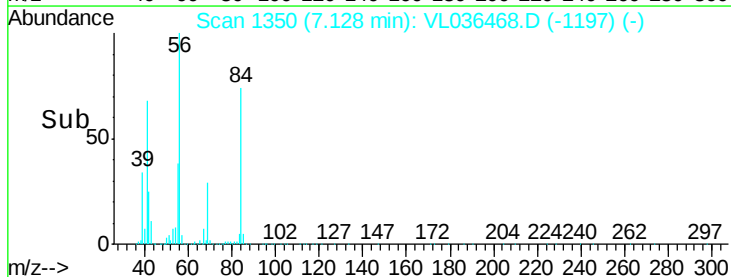
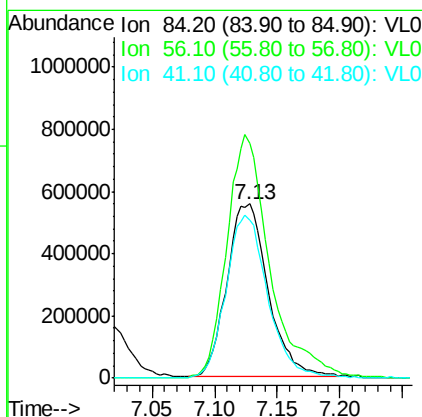
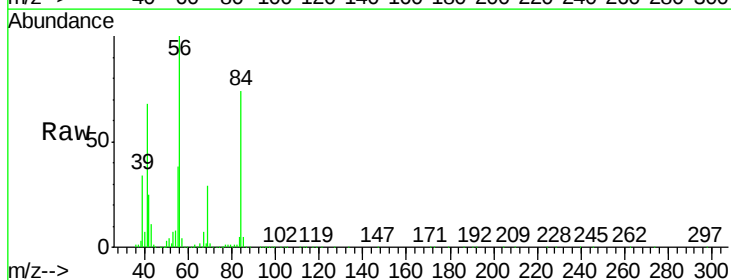
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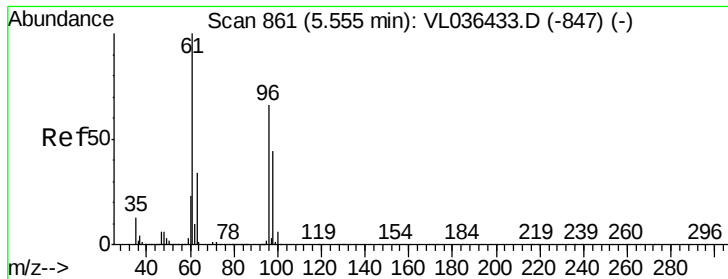
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#30
Cyclohexane
Concen: 10.530 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL036468.D
Acq: 24 Mar 2021 16:36

Tgt Ion: 84 Resp: 1268971
Ion Ratio Lower Upper
84 100
56 148.0 117.6 176.4
41 95.3 75.9 113.9





#31

cis-1,2-Dichloroethene

Concen: 11.051 ppbv

RT: 5.54 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2021 16:36 VL0324ABS01

Tot Ion:

Ion Ratio

61 100

96 61.

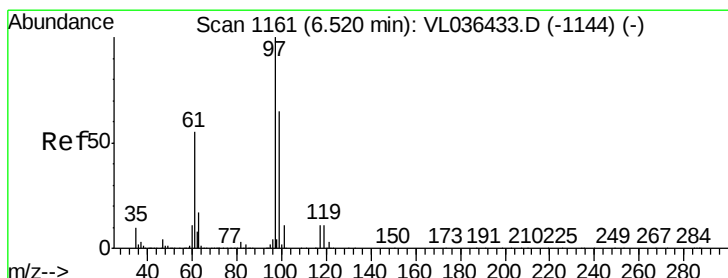
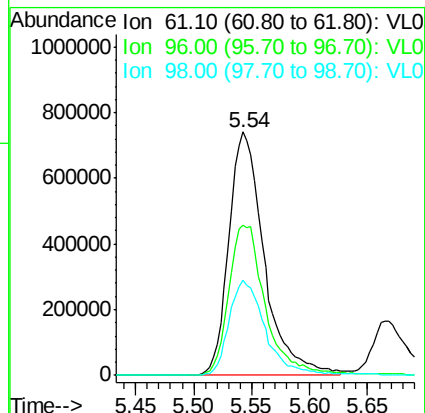
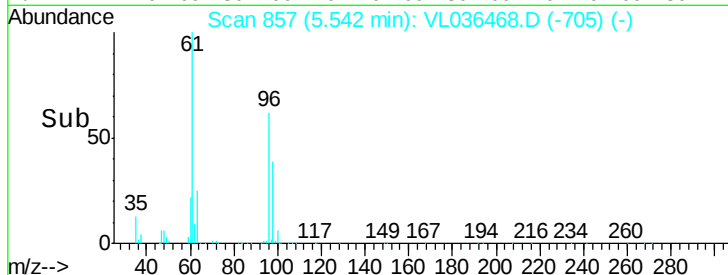
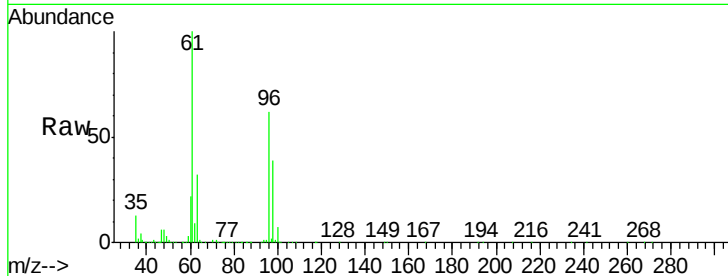
98 39.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#32

1,1,1-Trichloroethane

Concen: 9.828 ppbv

RT: 6.51 min Scan# 1157

Delta R.T. -0.01 min

Lab File: VL036468.D

Acq: 24 Mar 2021 16:36

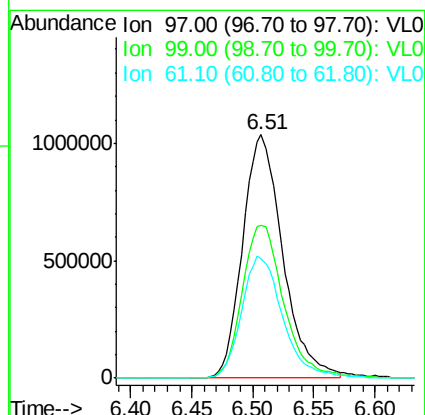
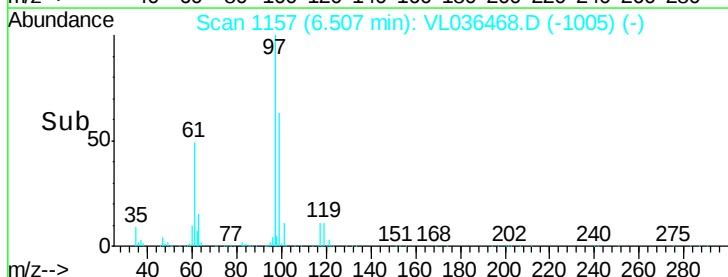
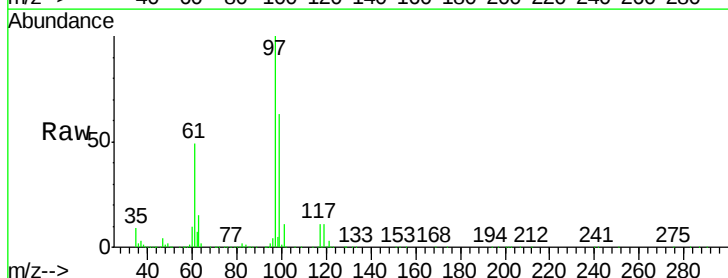
Tgt Ion: 97 Resp: 2356343

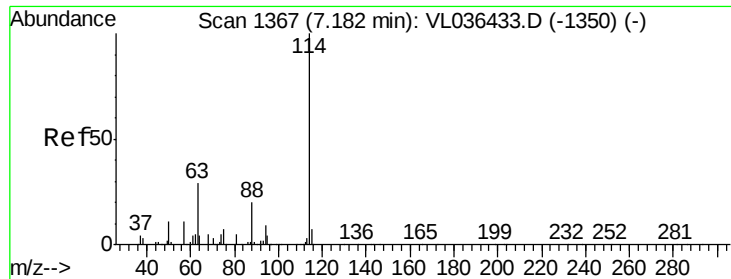
Ion Ratio Lower Upper

97 100

99 65.5 52.1 78.1

61 51.3 42.2 63.4



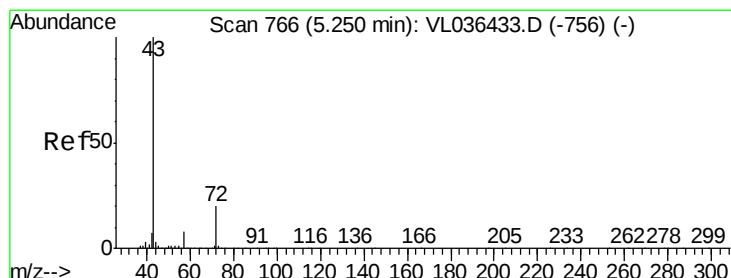
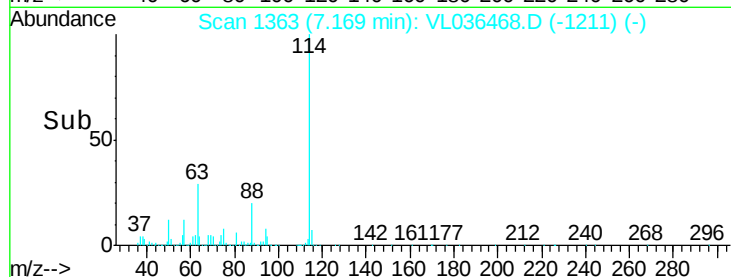
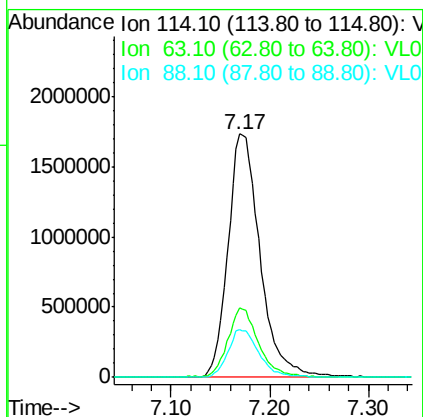
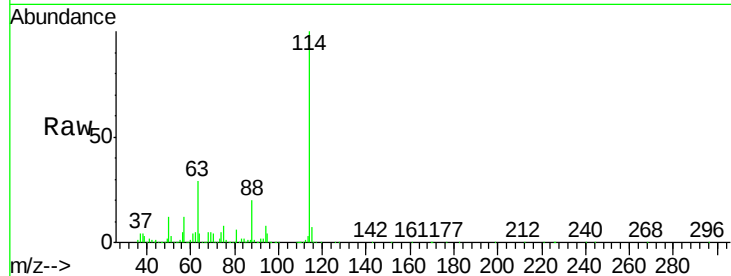


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0324ABS01
 Acq: 24 Mar 2021 16:36

Tot Ion: 1
 Ion Ratio
 114 100
 63 27.
 88 19.

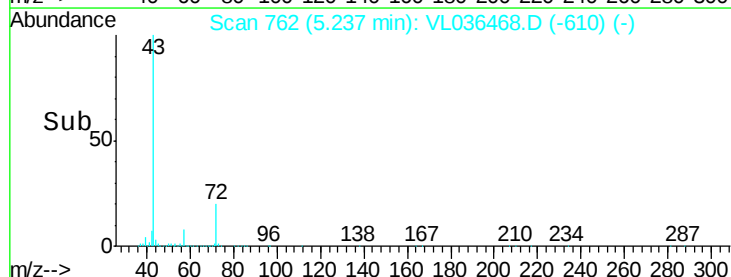
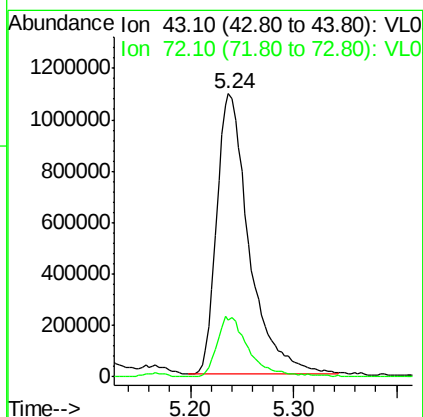
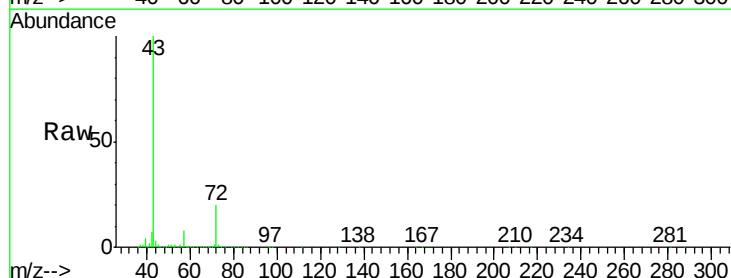
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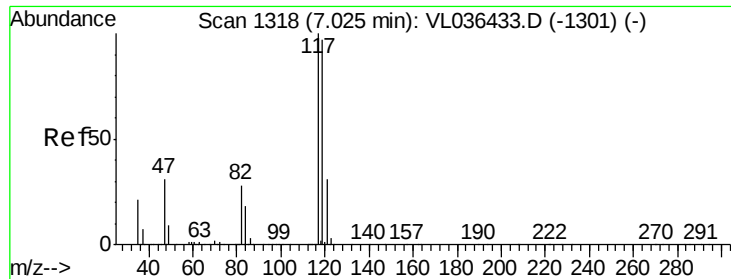
Reviewed By : Semsettin Yesilyurt 03/25/2021
 Supervised By : Mahesh Dadoda 03/25/2021



#34
 2-Butanone
 Concen: 10.087 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion: 43 Resp: 2388512
 Ion Ratio Lower Upper
 43 100
 72 21.2 16.7 25.1



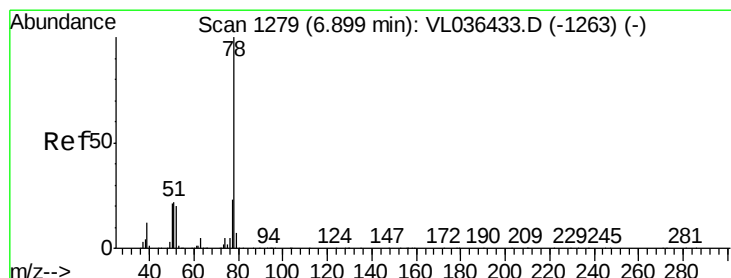
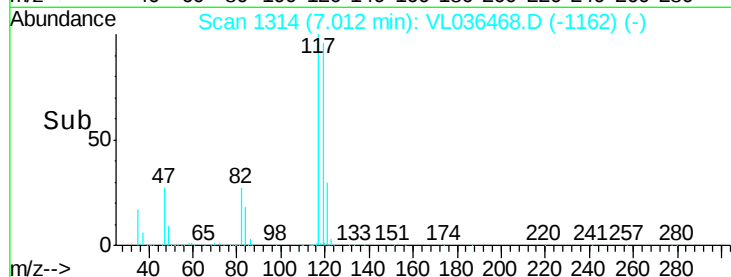
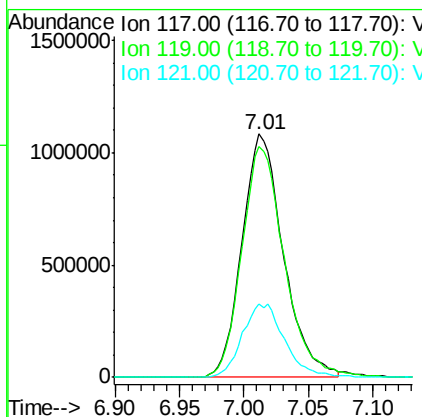
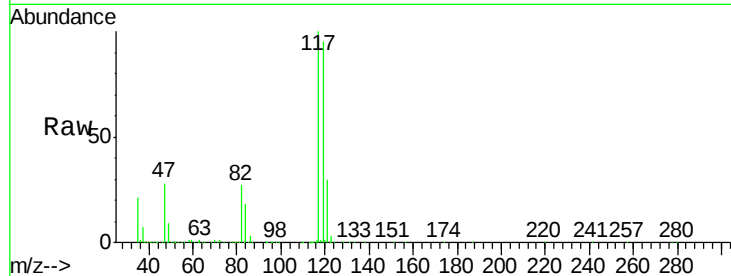


#35
Carbon Tetrachloride
Concen: 9.559 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0324ABS01
Acq: 24 Mar 2021 16:36

Tot Ion: 1
Ion Ratio
117 100
119 95.
121 30.

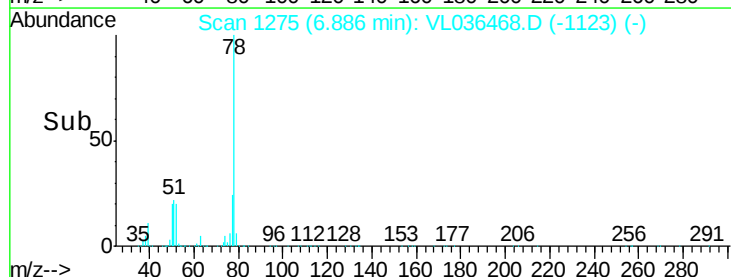
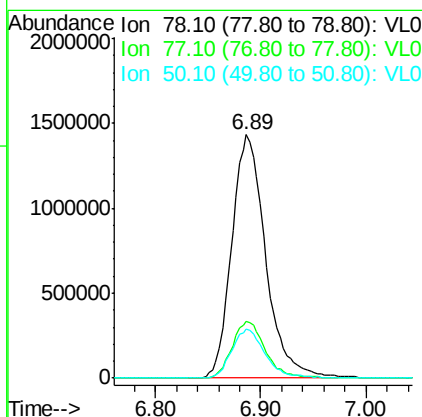
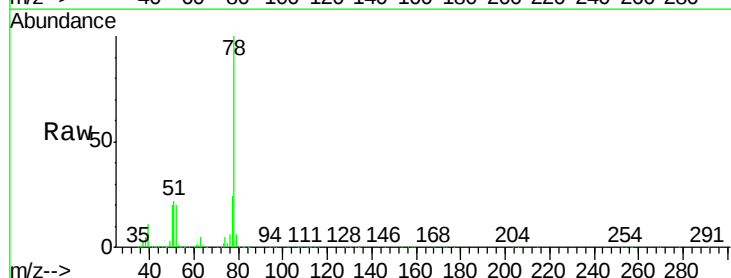
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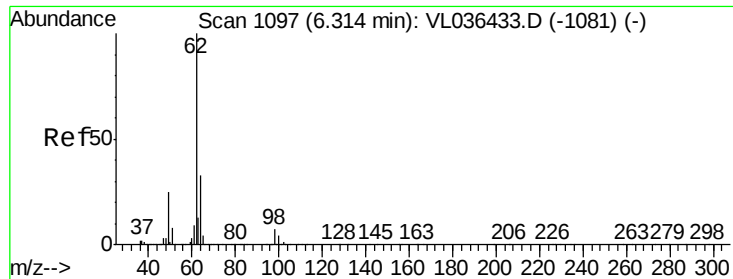
Reviewed By : Semsettin Yesilyurt 03/25/2021
Supervised By : Mahesh Dadoda 03/25/2021



#36
Benzene
Concen: 10.451 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VL036468.D
Acq: 24 Mar 2021 16:36

Tgt Ion: 78 Resp: 3185663
Ion Ratio Lower Upper
78 100
77 23.5 18.1 27.1
50 20.3 16.8 25.2





#37

1,2-Dichloroethane

Concen: 9.652 ppbv

RT: 6.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId : VL0324ABS01

Acq: 24 Mar 2021 16:36

Tot Ion:

Ion Ratio

62 100

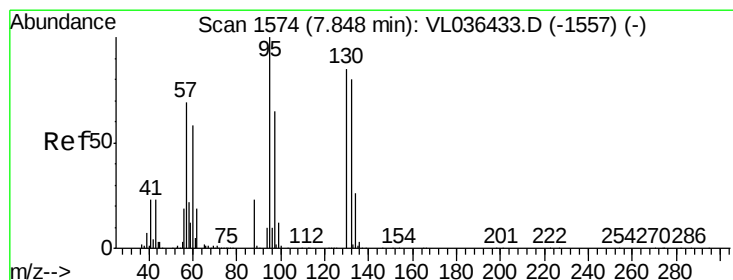
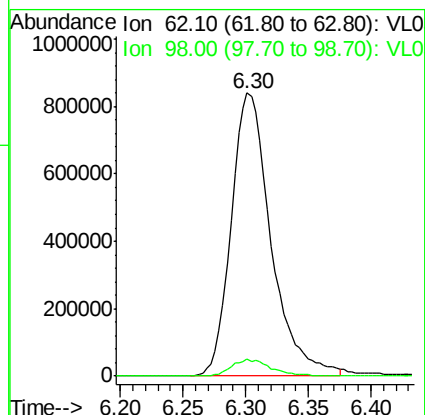
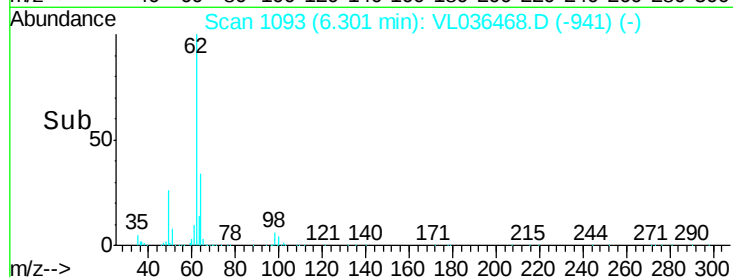
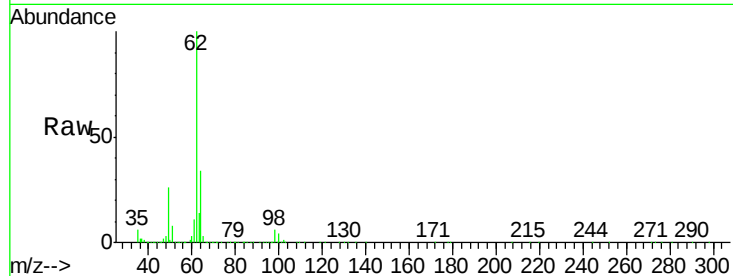
98 6.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#38

Trichloroethene

Concen: 9.980 ppbv

RT: 7.83 min Scan# 1570

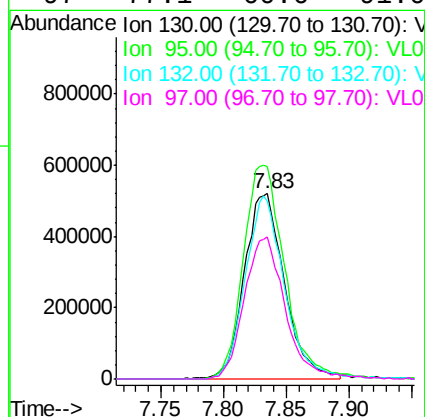
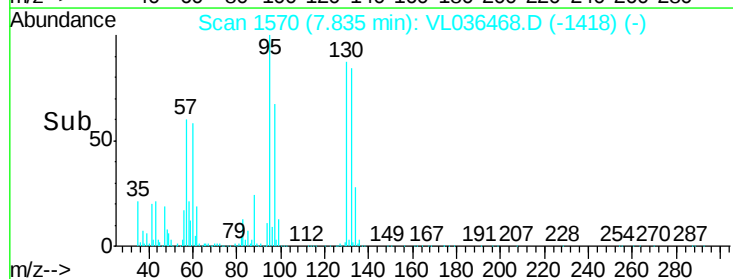
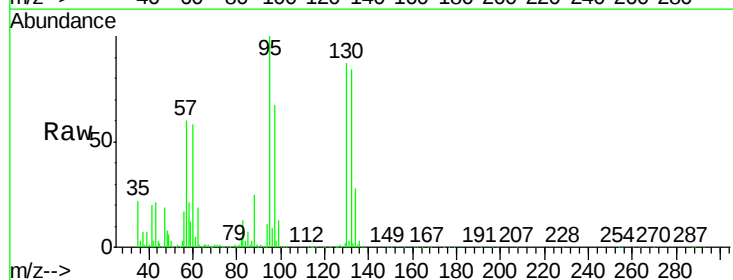
Delta R.T. -0.01 min

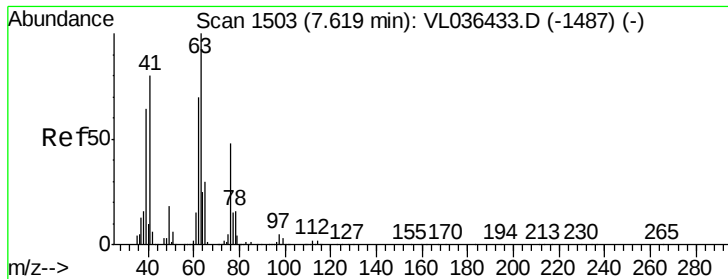
Lab File: VL036468.D

Acq: 24 Mar 2021 16:36

Tgt Ion:130 Resp: 1149675

Ion	Ratio	Lower	Upper
130	100		
95	114.9	93.8	140.8
132	96.2	74.6	112.0
97	77.1	60.6	91.0



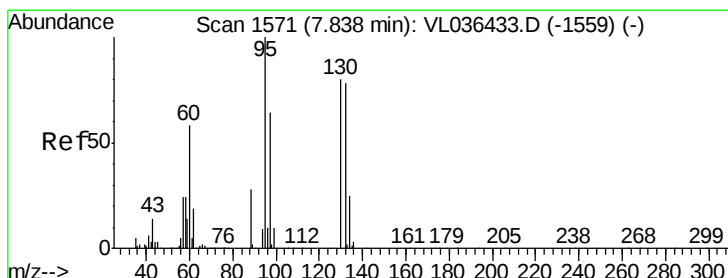
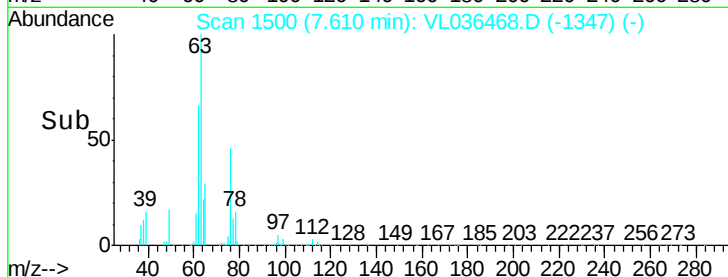
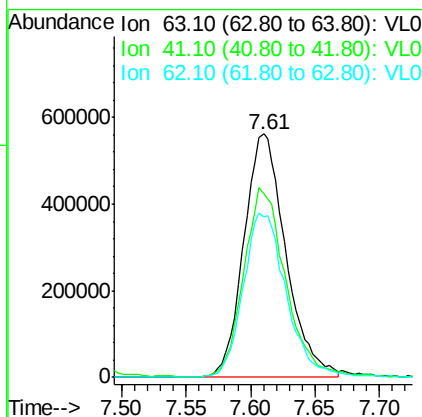
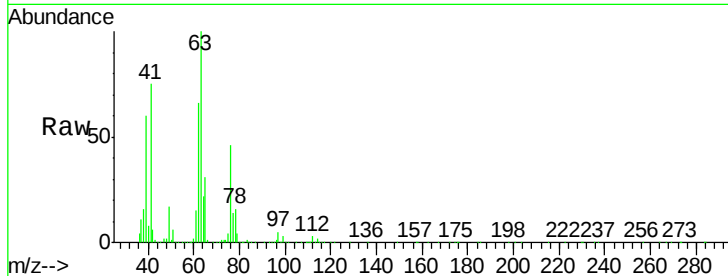


#39
 1,2-Dichloropropane
 Concen: 9.818 ppbv
 RT: 7.61
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0324ABS01
 Acq: 24 Mar 2021 16:36

Tot Ion:
 Ion Ratio
 63 100
 41 75.
 62 65.

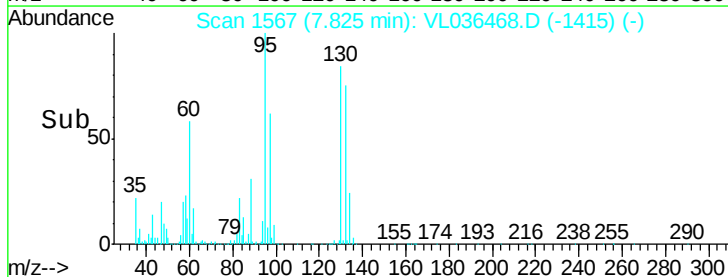
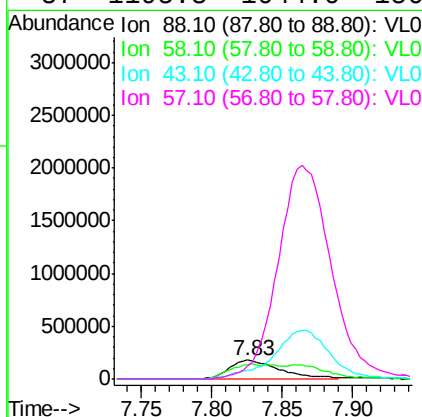
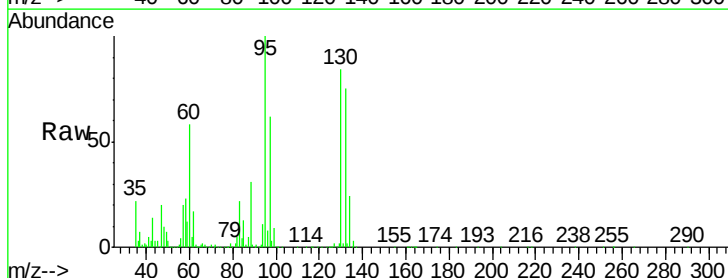
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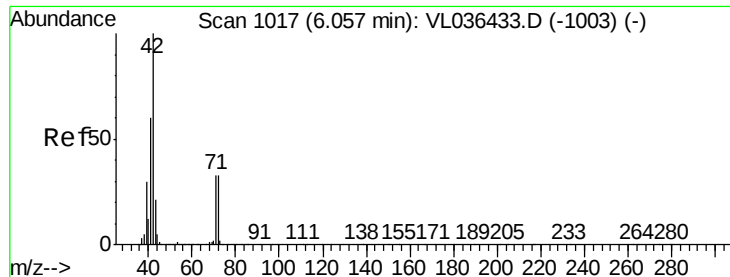
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#40
 1,4-Dioxane
 Concen: 10.576 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion: 88 Resp: 449996
 Ion Ratio Lower Upper
 88 100
 58 137.6 119.6 179.4
 43 288.3 254.2 381.4
 57 1195.3 1044.0 1566.0



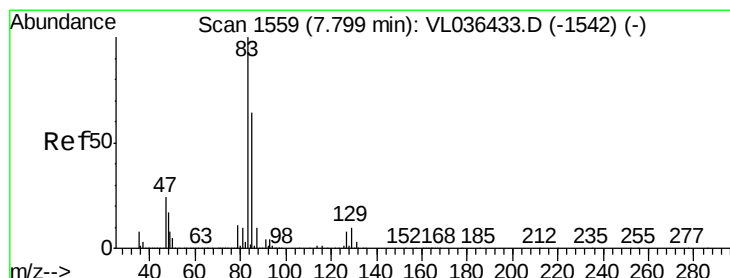
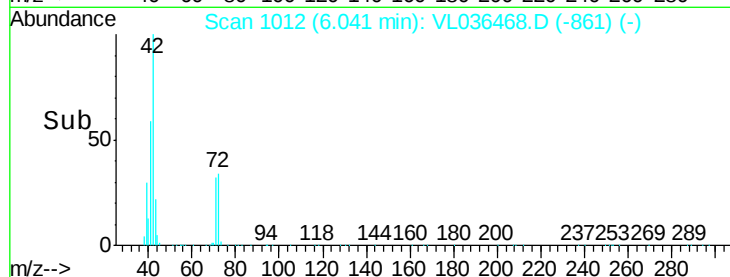
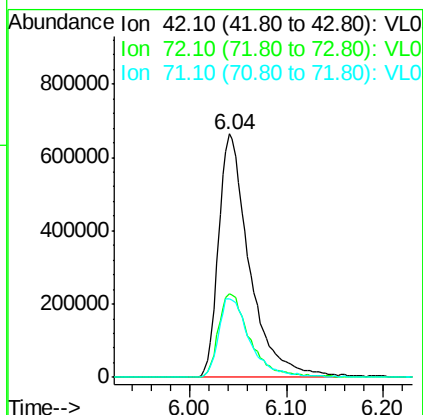
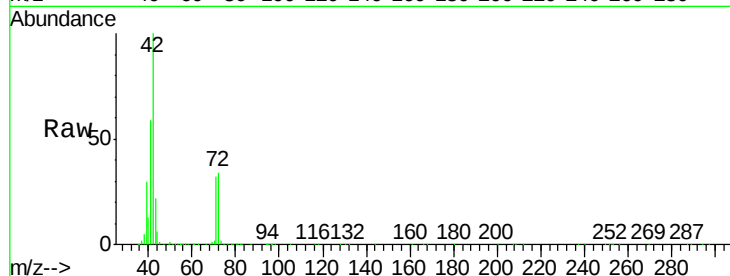


#41
Tetrahydrofuran
Concen: 11.169 ppbv
RT: 6.04
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Mar 2021 16:36

Tot Ion:
Ion Ratio
42 100
72 35.
71 33.

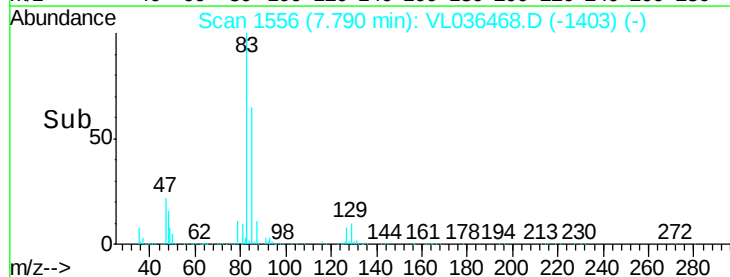
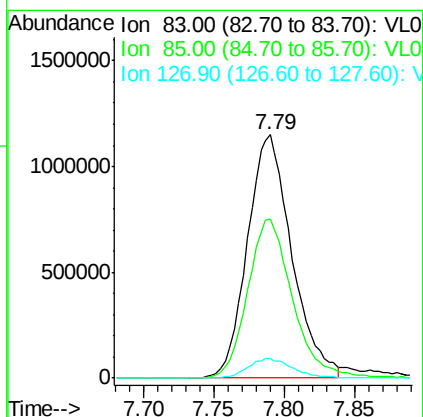
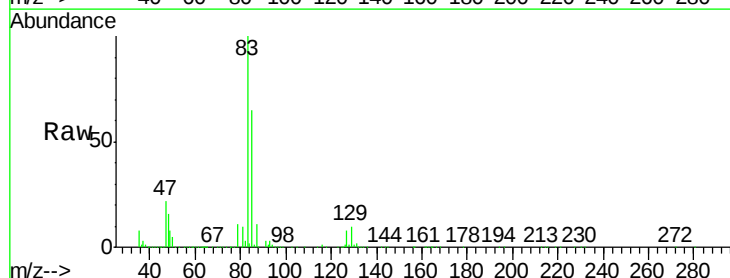
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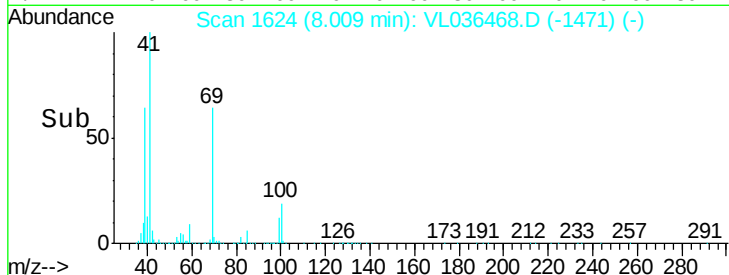
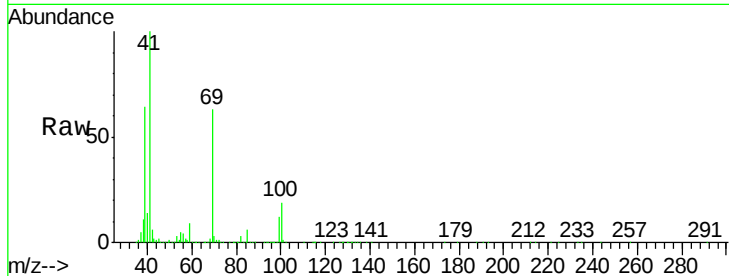
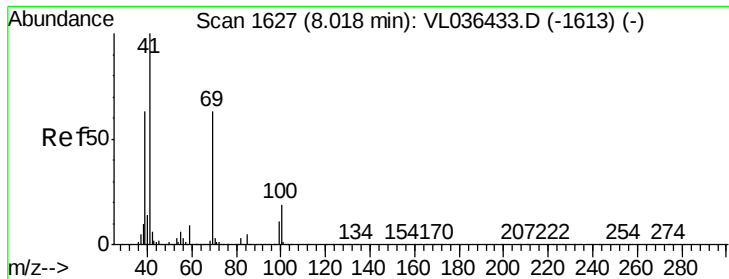
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#42
Bromodichloromethane
Concen: 9.756 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VL036468.D
Acq: 24 Mar 2021 16:36

Tgt Ion: 83 Resp: 2525228
Ion Ratio Lower Upper
83 100
85 65.3 51.2 76.8
127 8.0 6.0 9.0





#43

Methyl Methacrylate

Concen: 11.466 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 24 Mar 2021 16:36

Tot Ion:

Ion Ratio

69 100

41 158.

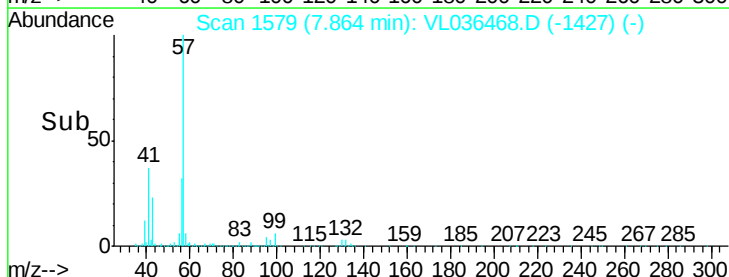
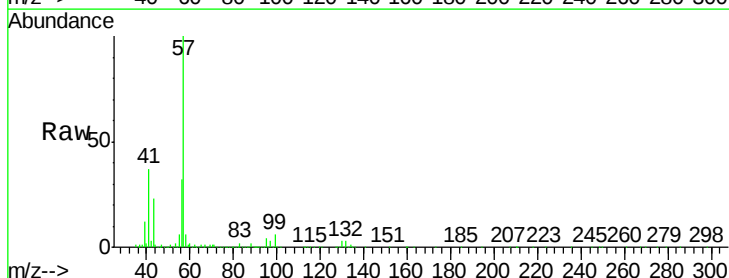
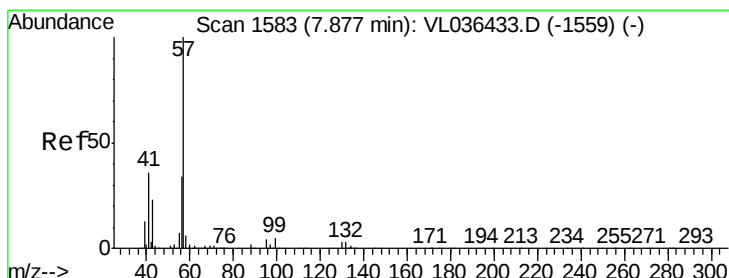
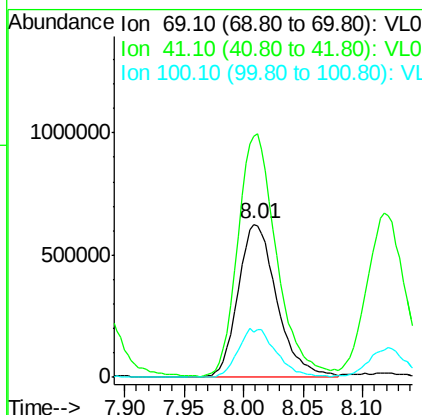
100 31.

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Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#44

2,2,4-Trimethylpentane

Concen: 9.680 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.01 min

Lab File: VL036468.D

Acq: 24 Mar 2021 16:36

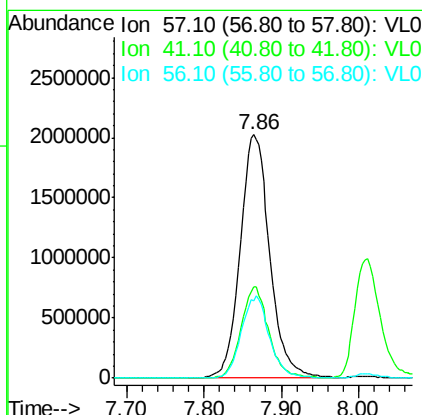
Tgt Ion: 57 Resp: 5379986

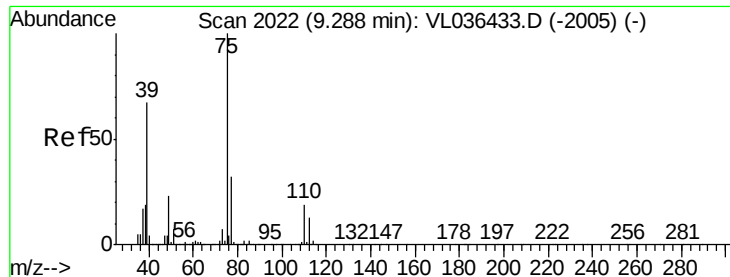
Ion Ratio Lower Upper

57 100

41 35.2 28.2 42.2

56 32.1 25.9 38.9



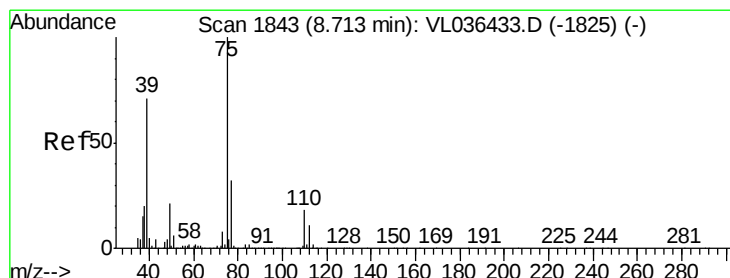
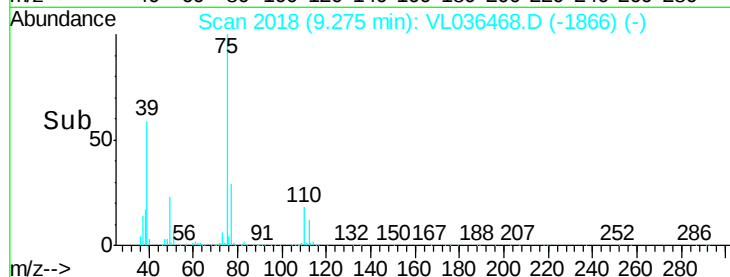
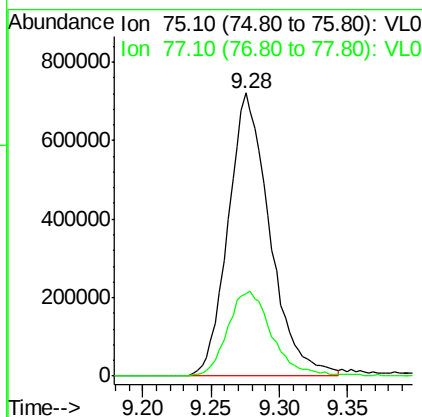
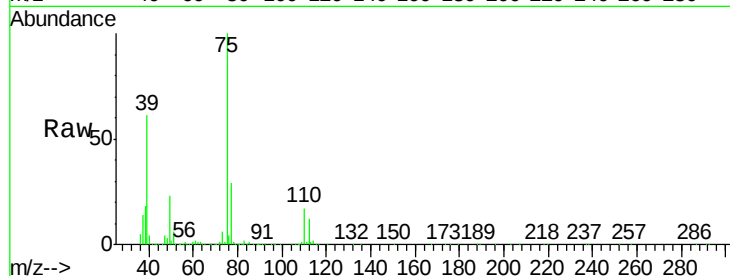


#45
 t-1,3-Dichloropropene
 Concen: 12.659 ppbv
 RT: 9.28
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0324ABS01
 Acq: 24 Mar 2021 16:36

Tot Ion:
 Ion Ratio
 75 100
 77 29.

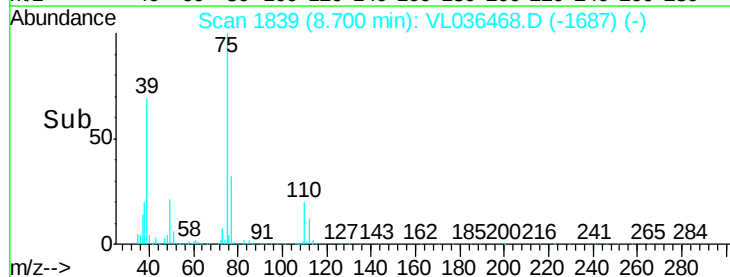
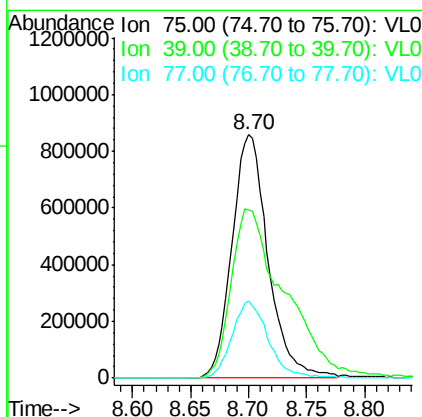
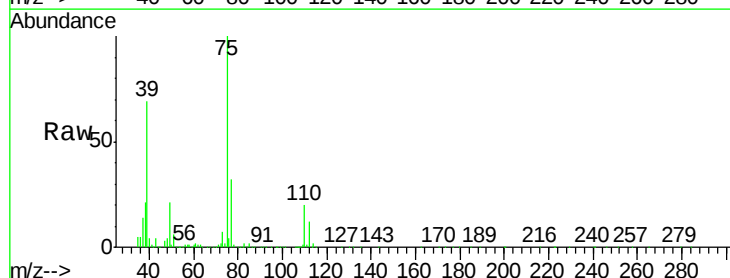
Manual Integrations
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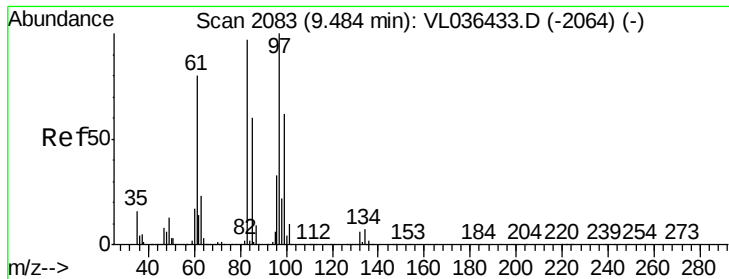
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#46
 cis-1,3-Dichloropropene
 Concen: 11.817 ppbv
 RT: 8.70 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion: 75 Resp: 1853516
 Ion Ratio Lower Upper
 75 100
 39 68.8 57.1 85.7
 77 31.8 25.3 37.9



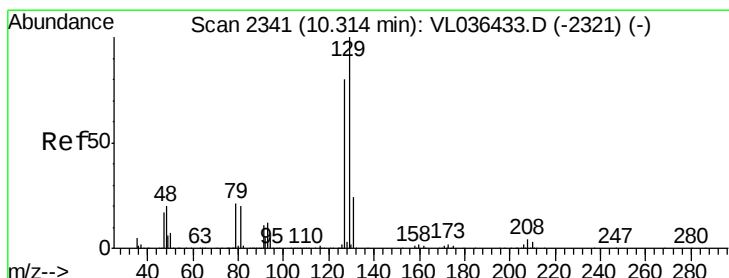
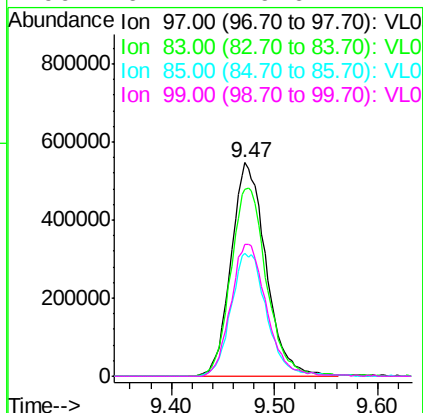
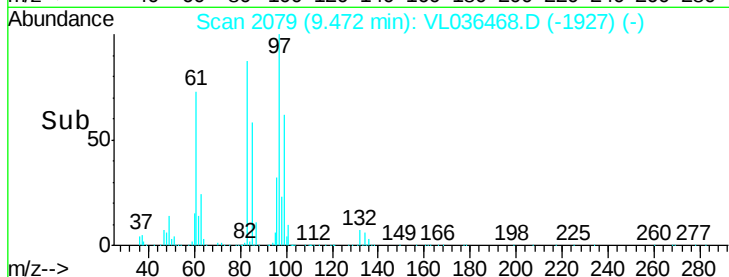
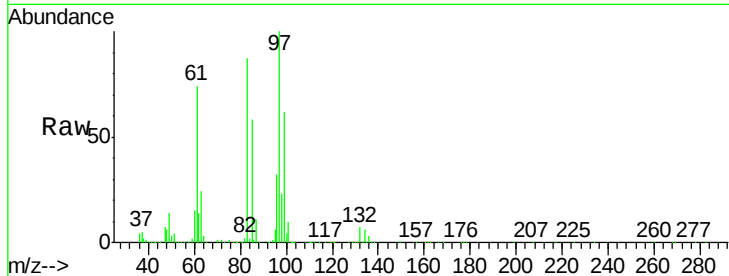


#47
 1,1,2-Trichloroethane
 Concen: 9.966 ppbv
 RT: 9.47
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0324ABS01
 Acq: 24 Mar 2021 16:36

Tot Ion:
 Ion Ratio
 97 100
 83 87.
 85 57.
 99 61.7 49.6 74.4

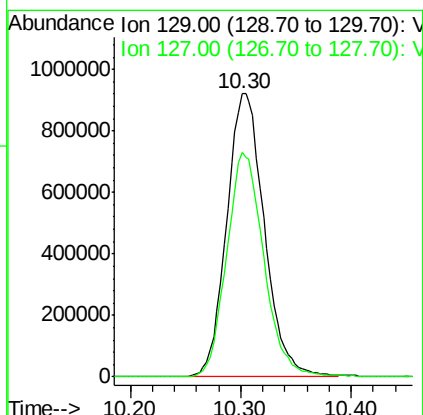
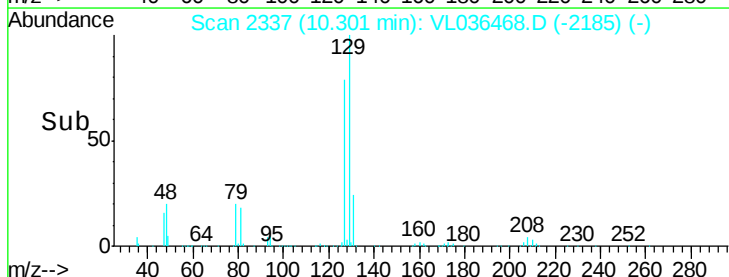
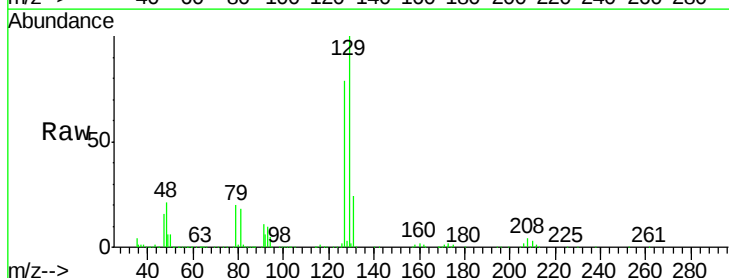
Manual Integrations
 APPROVED

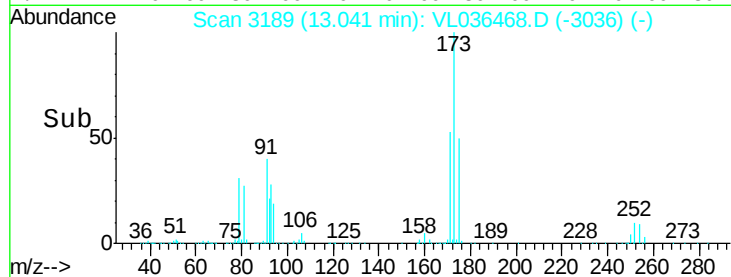
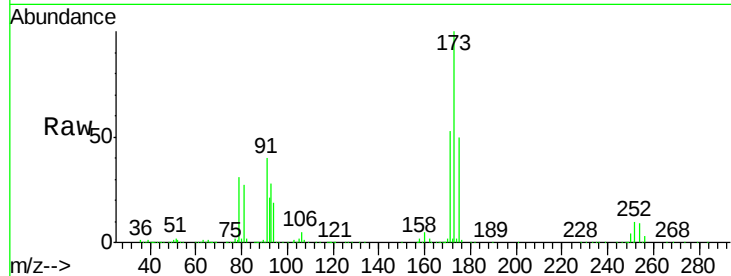
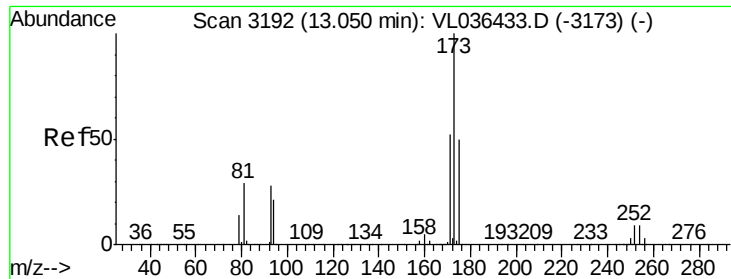
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#48
 Dibromochloromethane
 Concen: 11.117 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion:129 Resp: 2175134
 Ion Ratio Lower Upper
 129 100
 127 78.6 39.4 118.1





#49

Bromoform

Concen: 11.281 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 24 Mar 2021 16:36

Manual Integrations

APPROVED

Tot Ion:1

Ion Rati

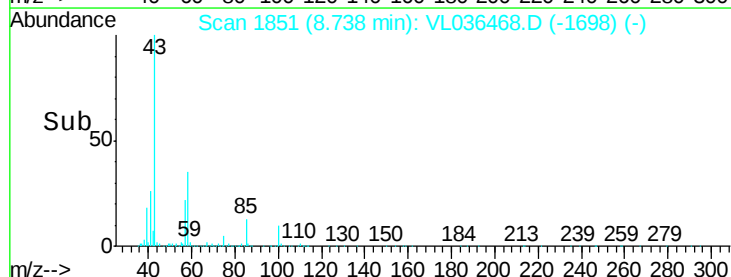
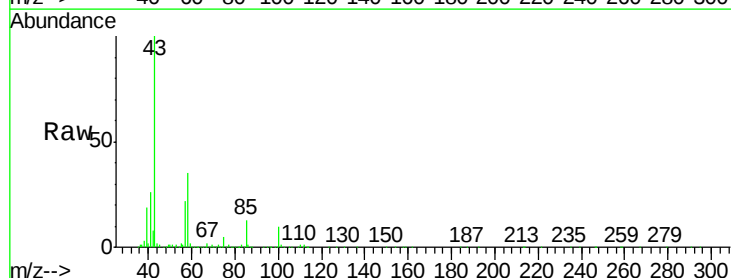
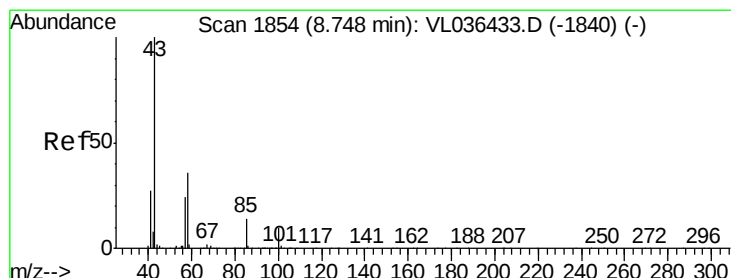
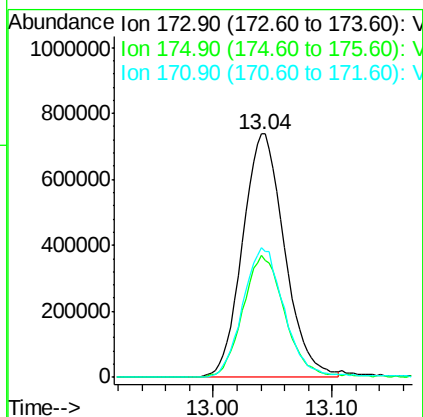
173 100

175 50.

171 53.

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#50

4-Methyl-2-Pentanone

Concen: 10.621 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VL036468.D

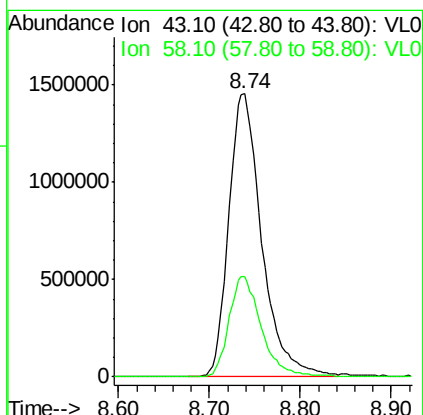
Acq: 24 Mar 2021 16:36

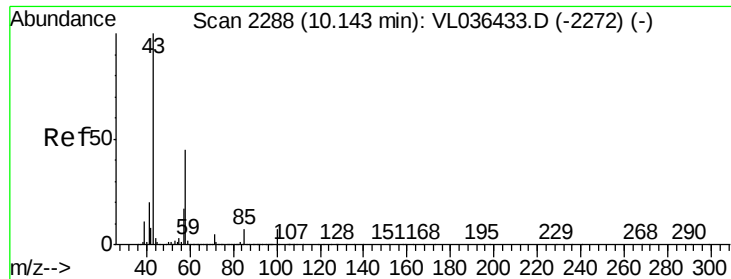
Tgt Ion: 43 Resp: 3661514

Ion Ratio Lower Upper

43 100

58 35.2 27.8 41.8



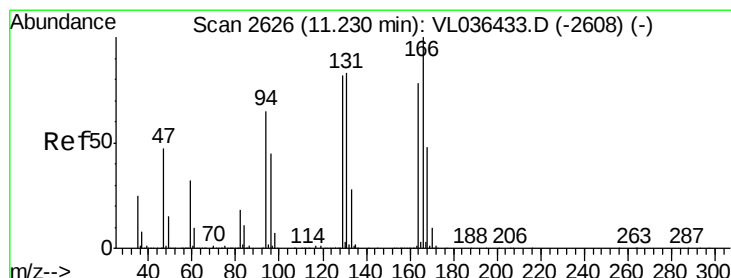
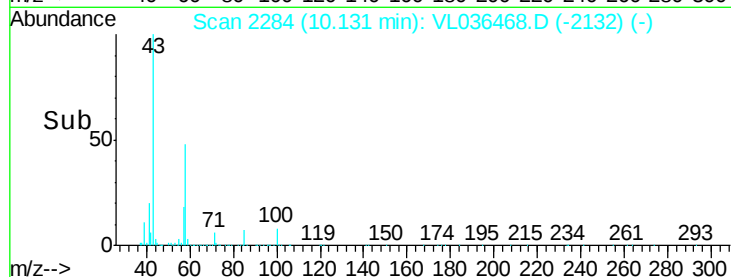
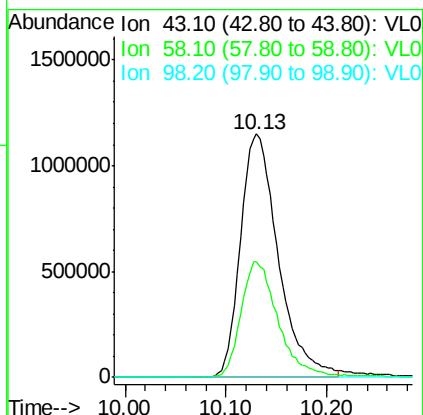
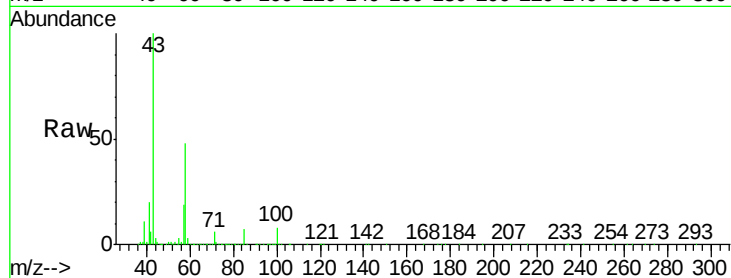


#51
2-Hexanone
Concen: 11.455 ppbv
RT: 10.13 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL0324ABS01
Acq: 24 Mar 2021 10:30

Tot Ion:
Ion Ratio
43 100
58 47.
98 0.

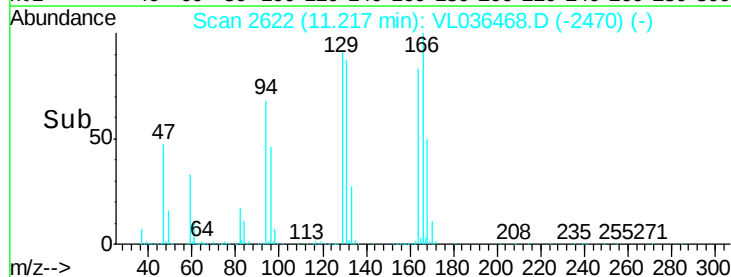
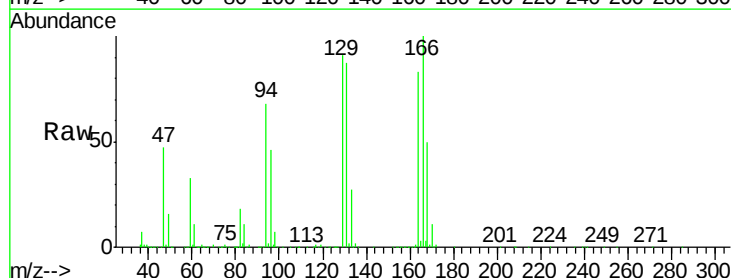
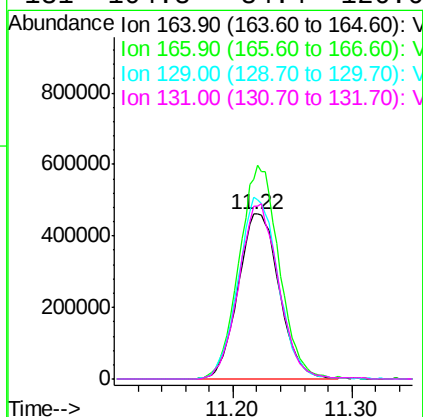
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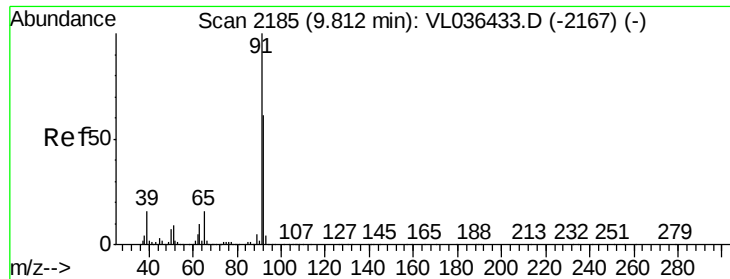
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#52
Tetrachloroethene
Concen: 9.633 ppbv
RT: 11.22 min Scan# 2622
Delta R.T.: -0.01 min
Lab File: VL036468.D
Acq: 24 Mar 2021 16:36

Tgt Ion:164 Resp: 1101202
Ion Ratio Lower Upper
164 100
166 120.9 102.0 153.0
129 109.9 83.3 124.9
131 104.8 84.4 126.6





#53

Toluene

Concen: 10.826 ppbv

RT: 9.80 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2021 16:36 VL0324ABS01

Tot Ion:

Ion Ratio

91 100

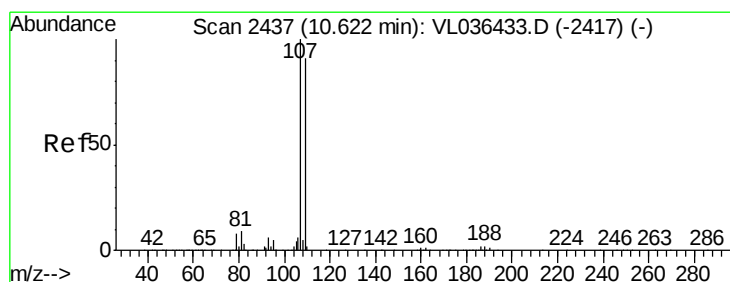
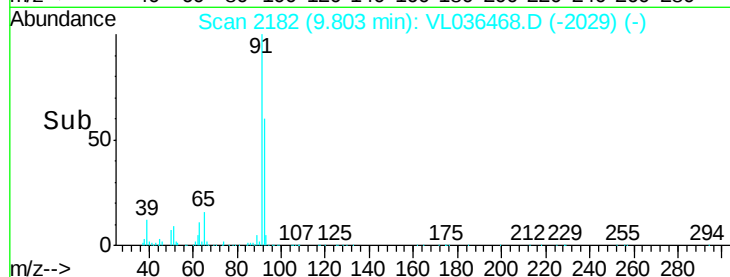
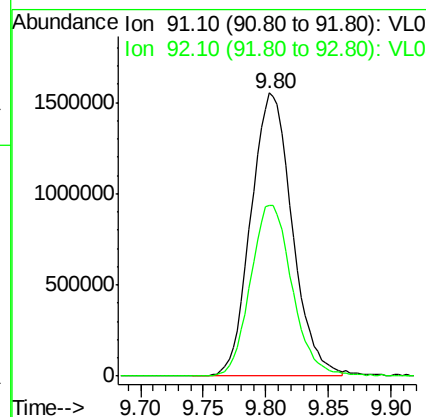
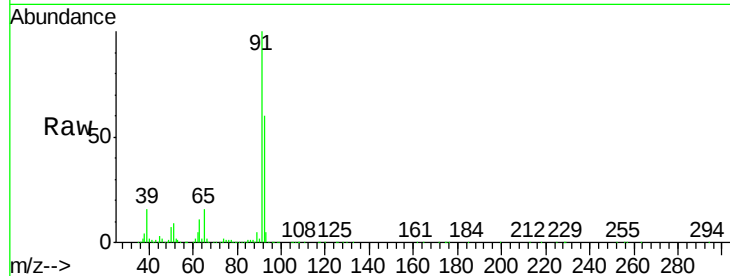
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#54

1,2-Dibromoethane

Concen: 10.373 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.01 min

Lab File: VL036468.D

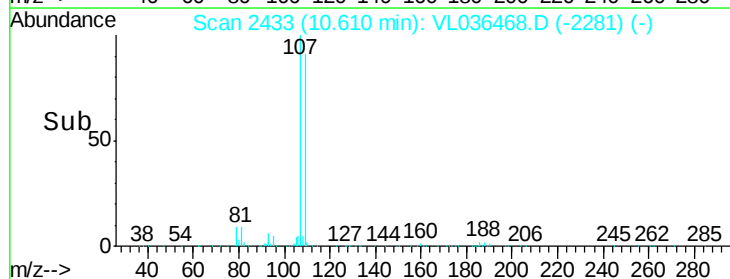
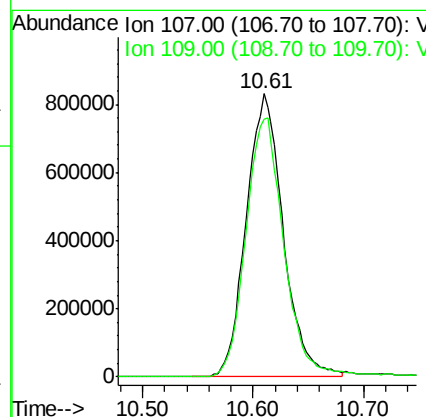
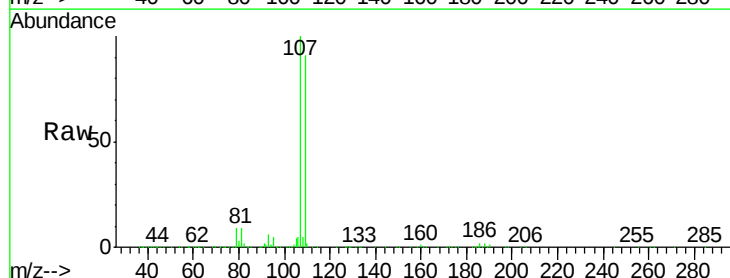
Acq: 24 Mar 2021 16:36

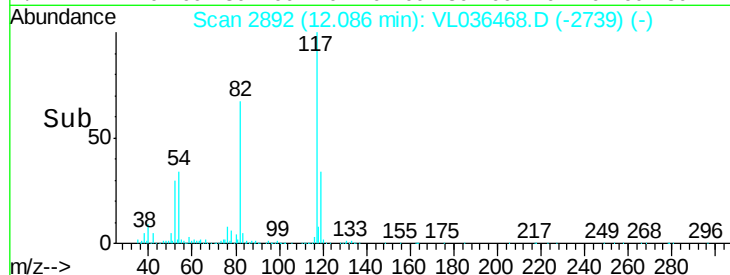
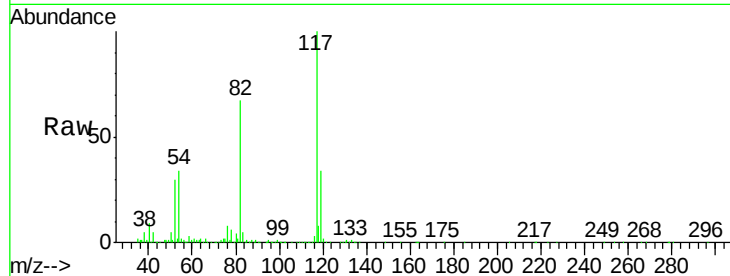
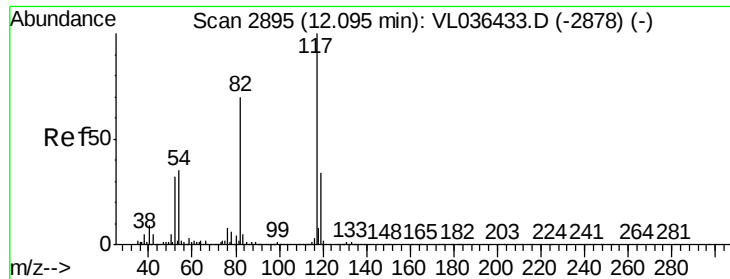
Tgt Ion:107 Resp: 1934940

Ion Ratio Lower Upper

107 100

109 91.2 73.0 109.6



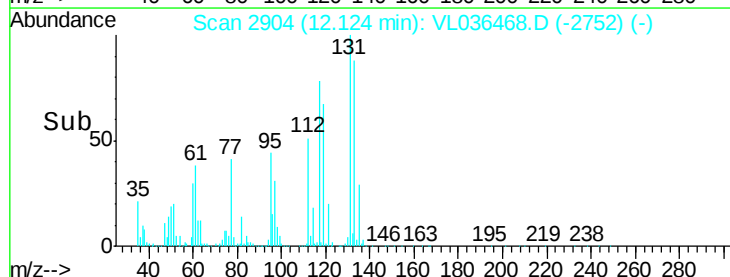
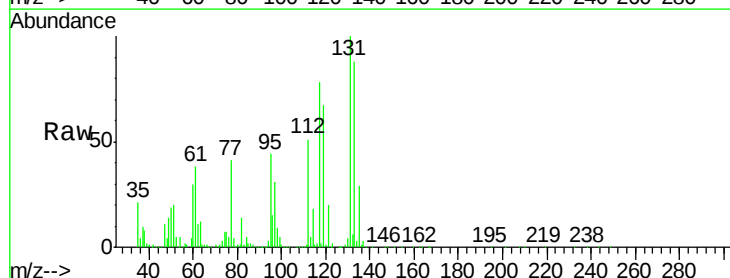
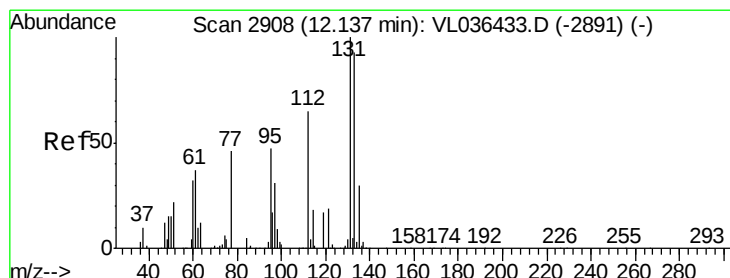
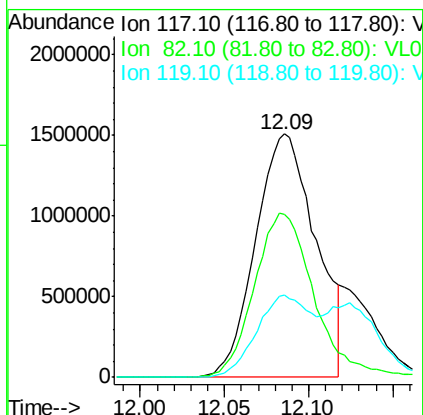


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Mar 2021 16:36

Tot Ion:1
Ion Rati
117 100
82 67.
119 30.

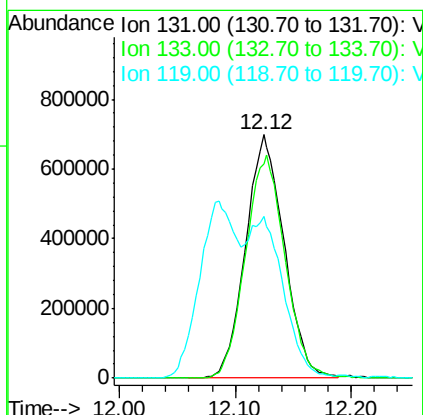
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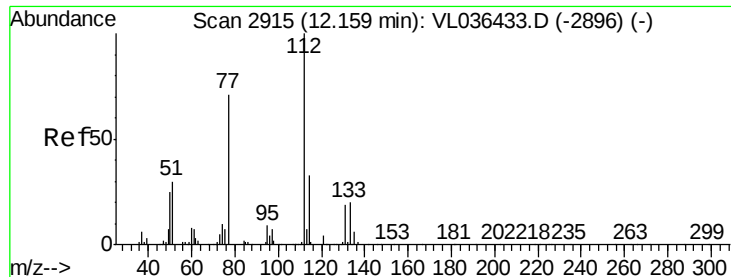
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.648 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL036468.D
Acq: 24 Mar 2021 16:36

Tgt Ion:131 Resp: 1605567
Ion Ratio Lower Upper
131 100
133 94.9 76.4 114.6
119 135.5 112.8 169.2





#57

Chlorobenzene

Concen: 9.550 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 24 Mar 2021 16:36

Tot Ion:1

Ion Rati

112 100

77 67.

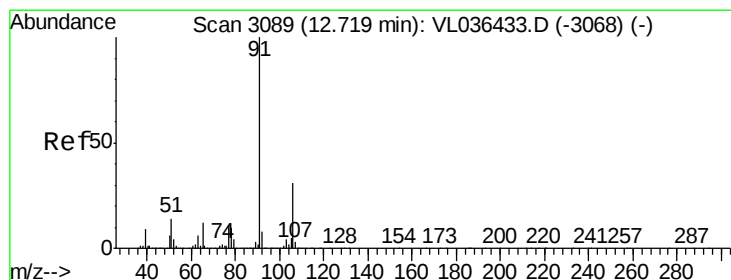
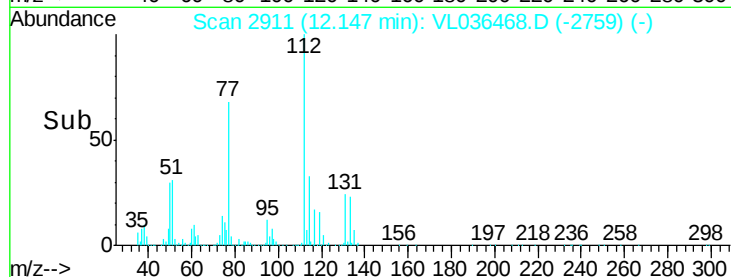
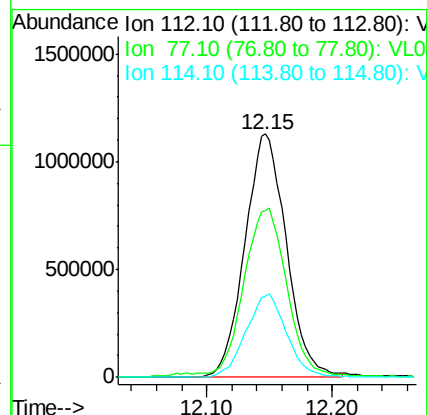
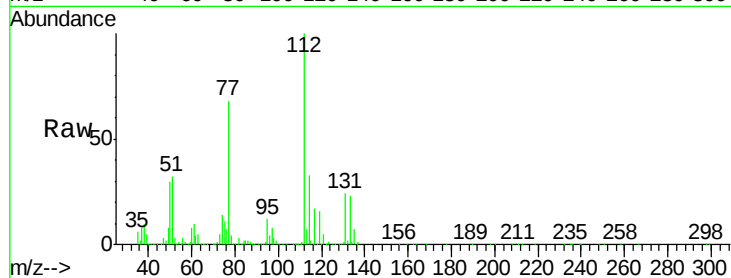
114 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#58

Ethyl Benzene

Concen: 10.249 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. -0.01 min

Lab File: VL036468.D

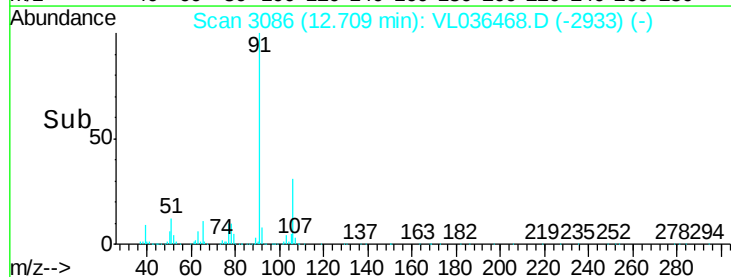
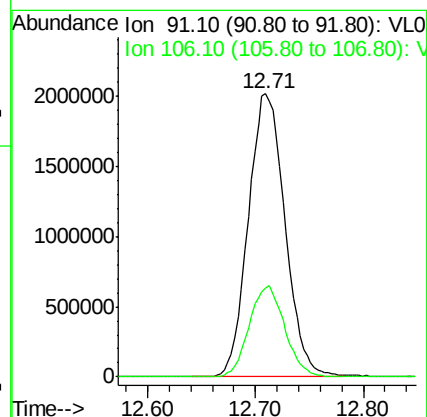
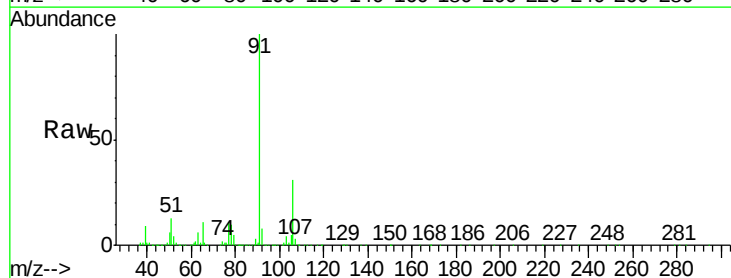
Acq: 24 Mar 2021 16:36

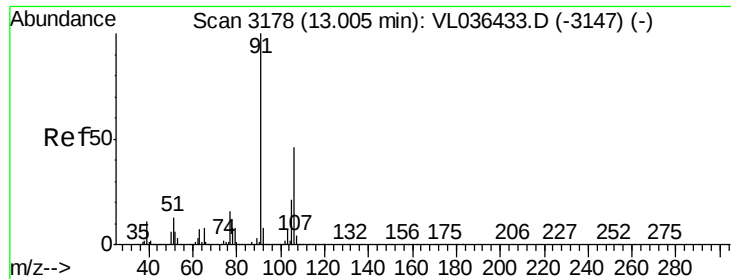
Tgt Ion: 91 Resp: 4782171

Ion Ratio Lower Upper

91 100

106 31.2 24.8 37.2



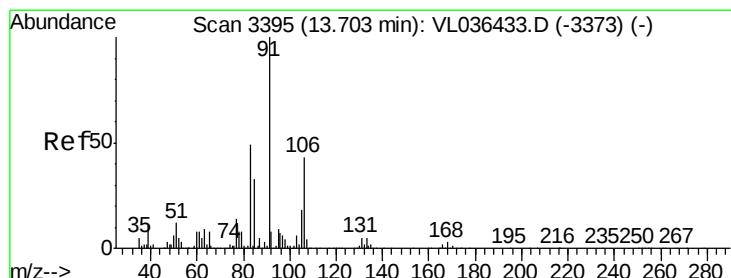
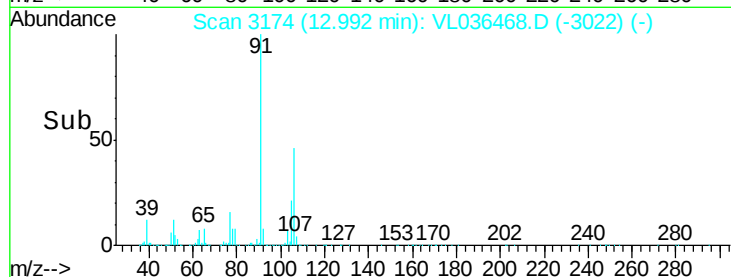
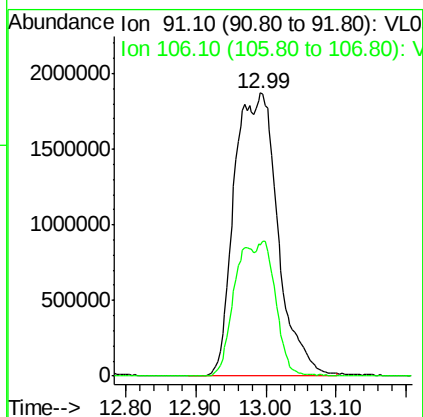
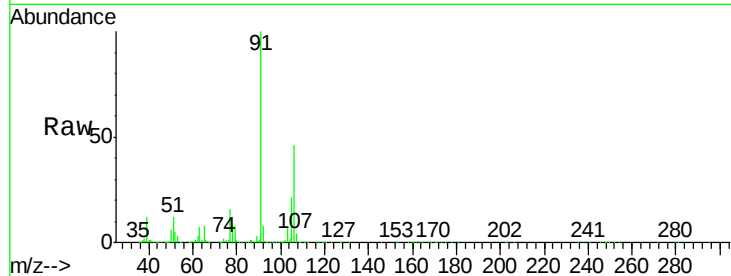


#59
m/p-Xylene
Concen: 19.587 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Mar 2021 16:36

Tot Ion:
Ion Ratio
91 100
106 44.

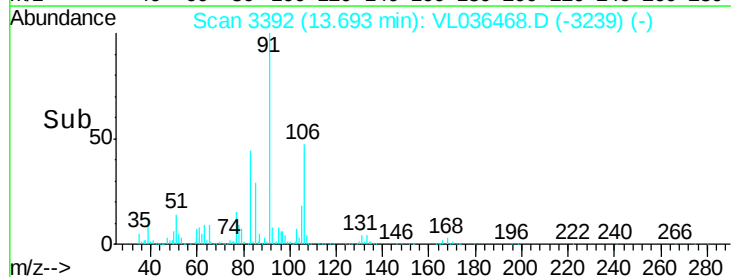
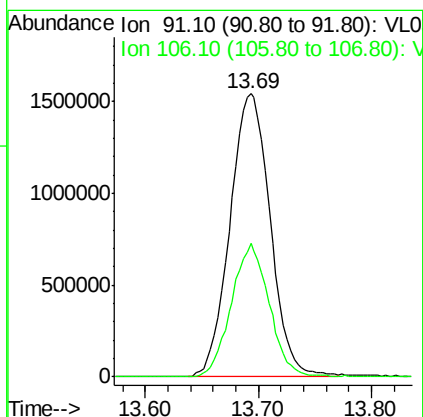
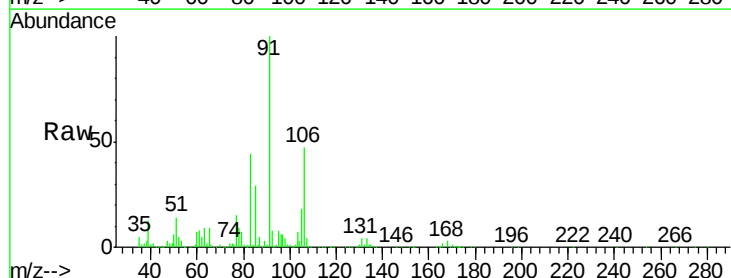
Manual Integrations
APPROVED

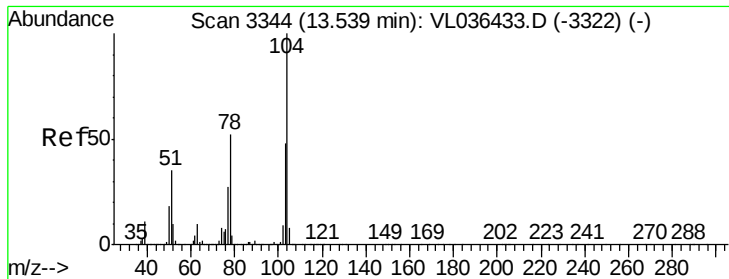
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#60
o-Xylene
Concen: 9.531 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL036468.D
Acq: 24 Mar 2021 16:36

Tgt Ion: 91 Resp: 3777412
Ion Ratio Lower Upper
91 100
106 45.2 21.9 65.8





#61

Stvrene

Concen: 11.466 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2021 16:36

Tot Ion:1

Ion Rati

104 100

78 55.

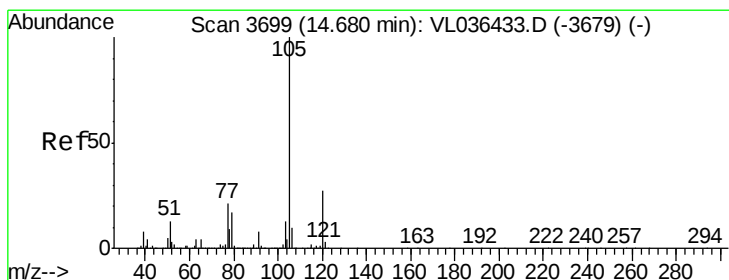
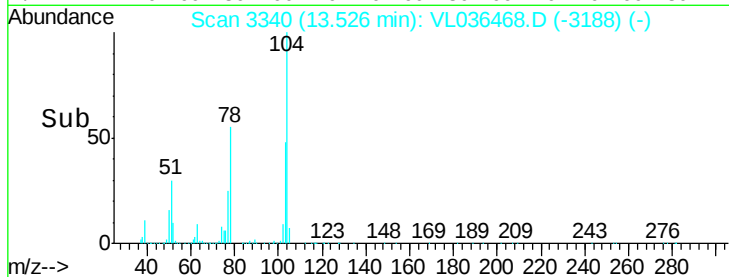
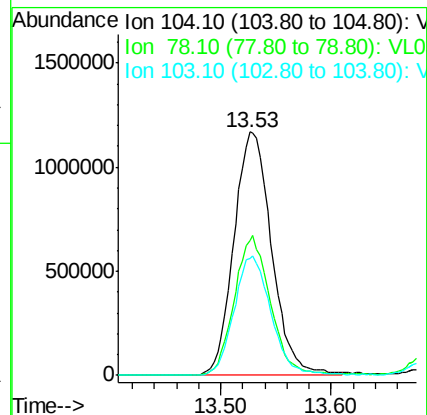
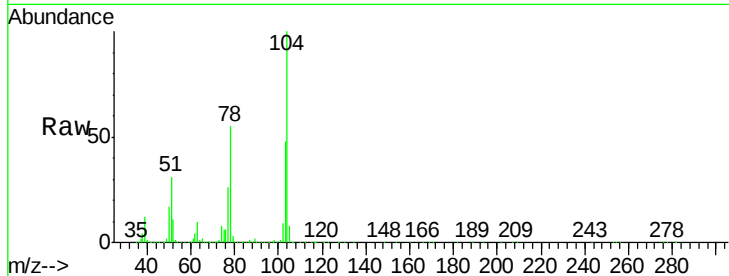
103 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#62

Isopropylbenzene

Concen: 9.590 ppbv

RT: 14.67 min Scan# 3696

Delta R.T. -0.01 min

Lab File: VL036468.D

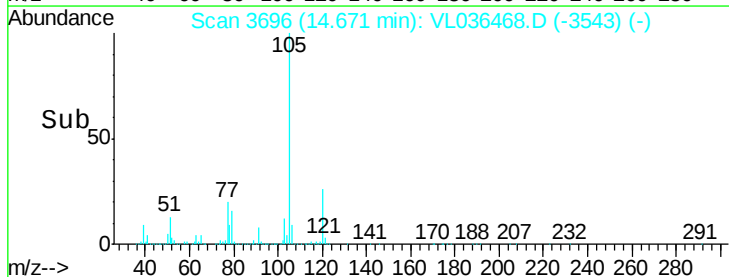
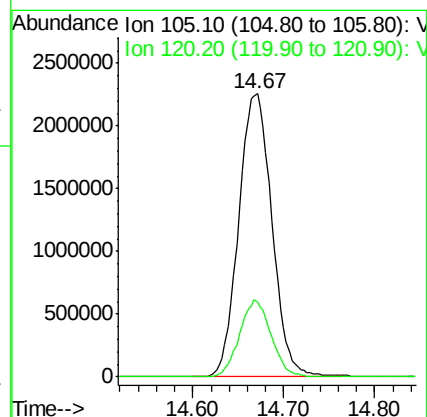
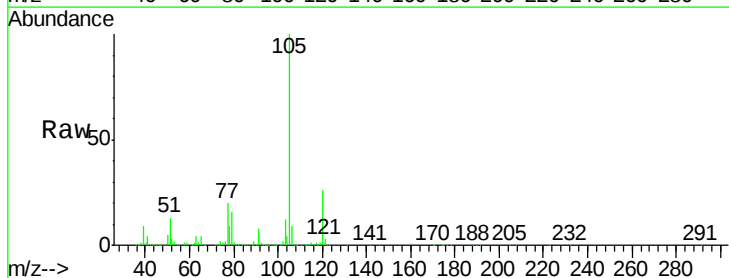
Acq: 24 Mar 2021 16:36

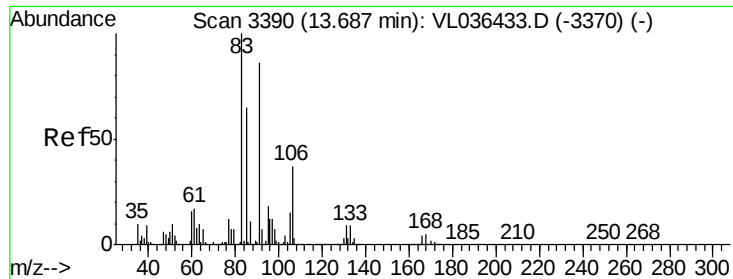
Tgt Ion:105 Resp: 5730644

Ion Ratio Lower Upper

105 100

120 26.0 20.9 31.3



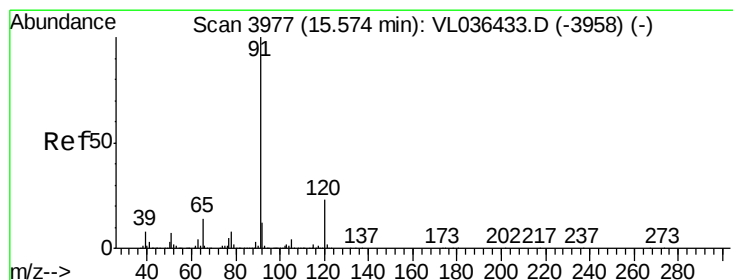
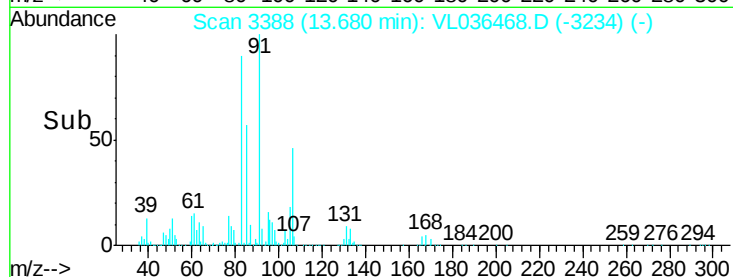
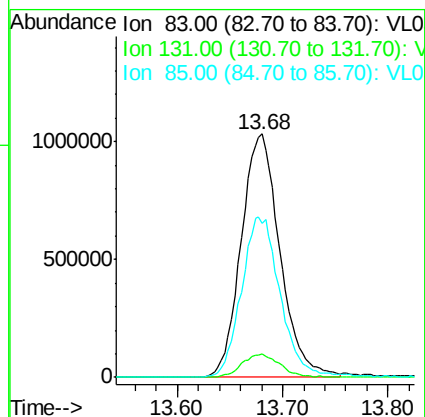
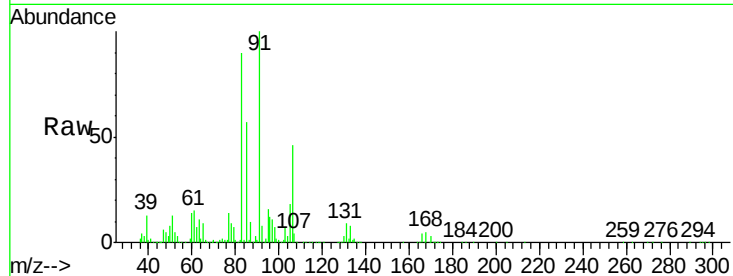


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.512 ppbv
 RT: 13.68 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VL0324ABS01
 Acq: 24 Mar 2021 16:36

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

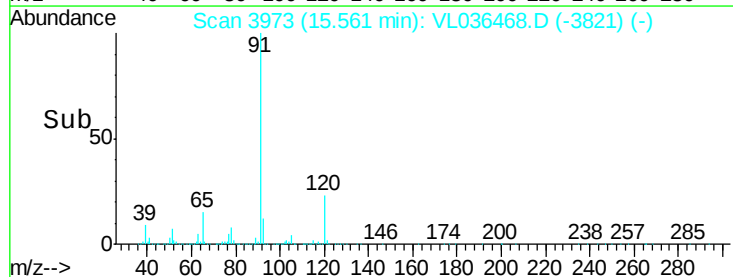
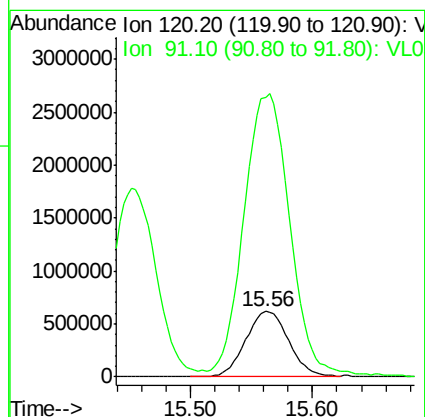
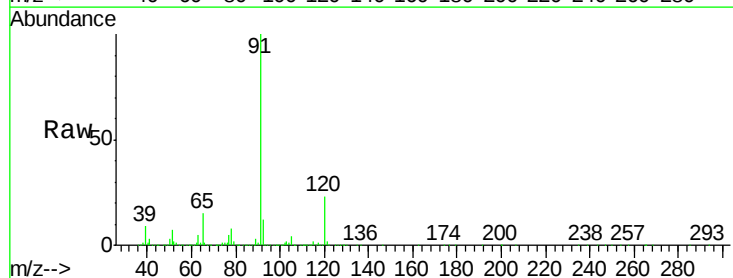
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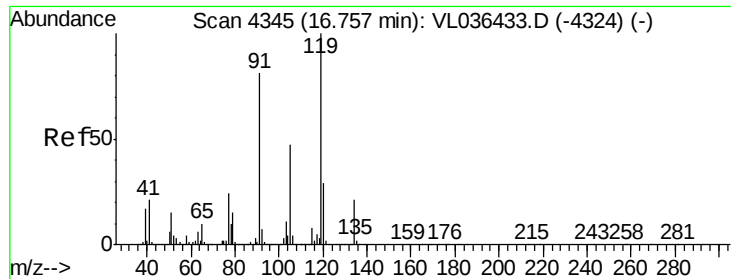
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#64
 n-propylbenzene
 Concen: 10.155 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T.: -0.01 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion:120 Resp: 1515754
 Ion Ratio Lower Upper
 120 100
 91 464.0 378.6 567.8





#65

tert-Butylbenzene

Concen: 9.494 ppbv

RT: 16.75

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2021 16:30

Tot Ion:1

Ion Ratio

119 100

91 84.

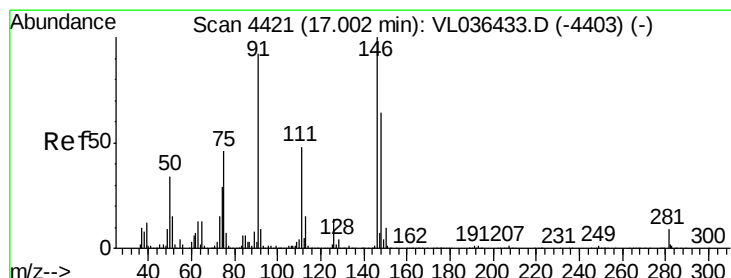
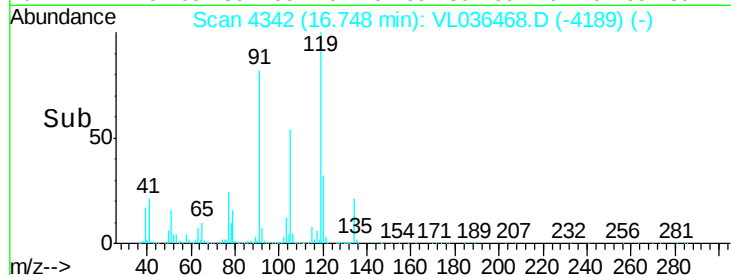
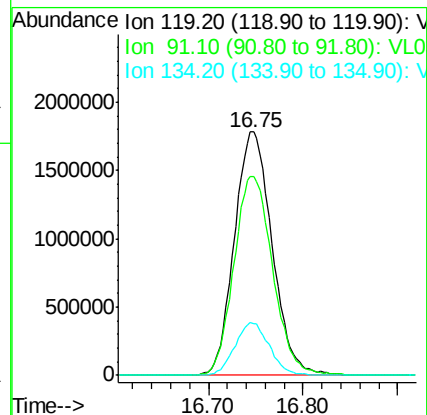
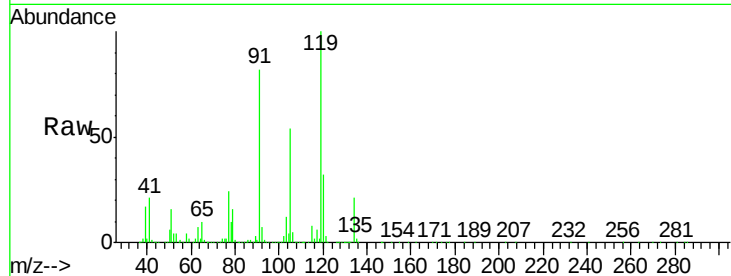
134 20.

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Reviewed By :Semsettin Yesilyurt 03/25/2021

Supervised By :Mahesh Dadoda 03/25/2021



#66

Benzyl Chloride

Concen: 12.467 ppbv

RT: 16.99 min Scan# 4418

Delta R.T. -0.01 min

Lab File: VL036468.D

Acq: 24 Mar 2021 16:36

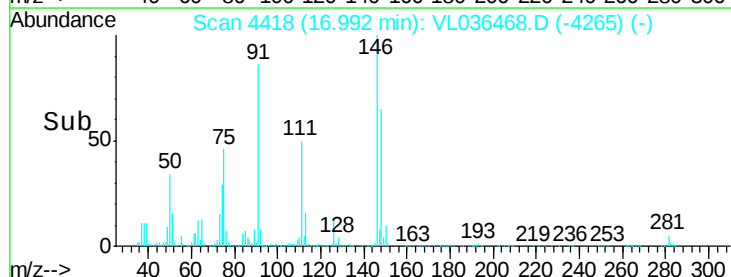
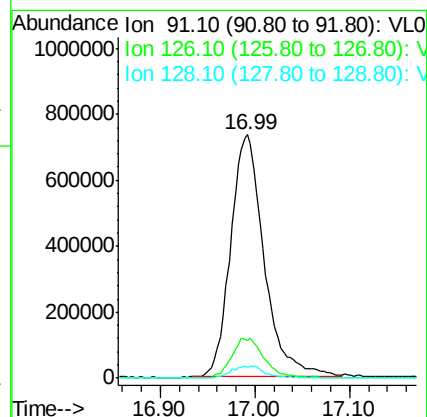
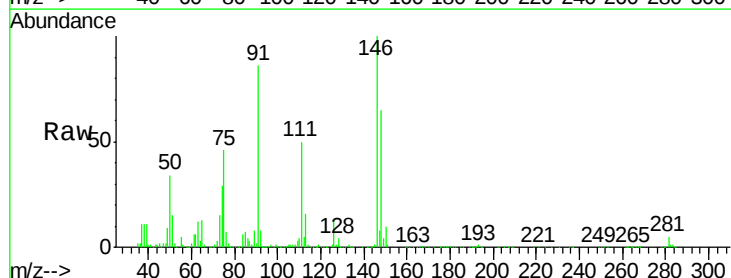
Tgt Ion: 91 Resp: 1809424

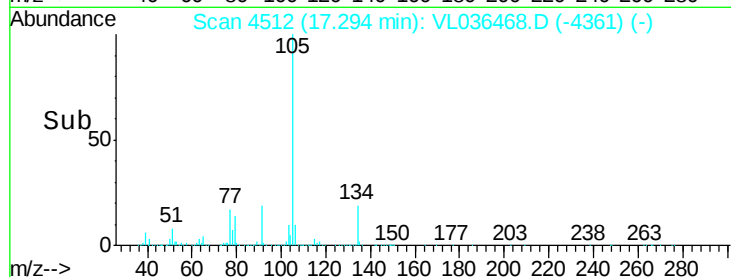
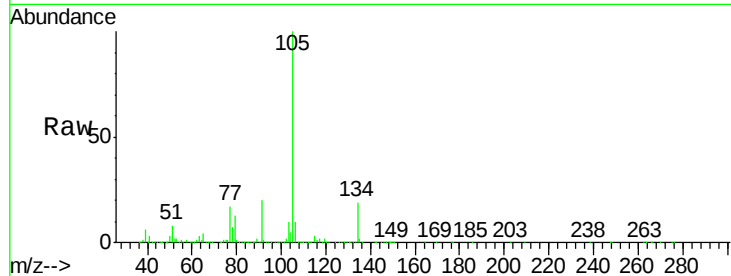
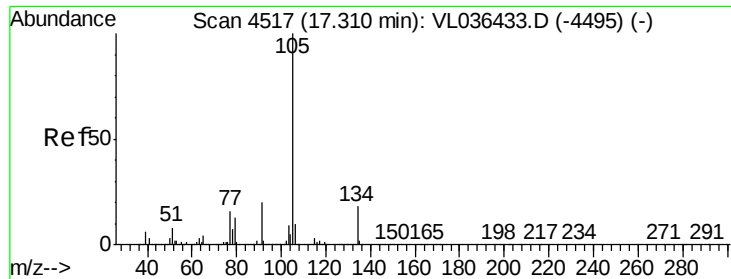
Ion Ratio Lower Upper

91 100

126 16.3 12.9 19.3

128 5.2 4.0 6.0



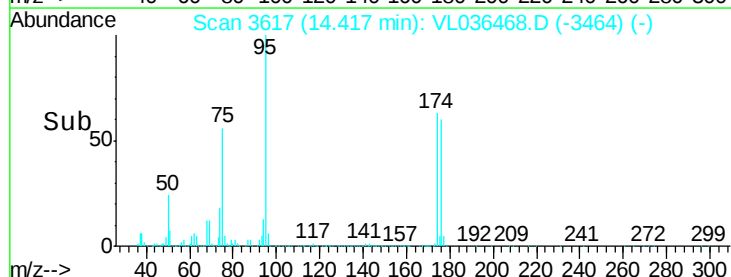
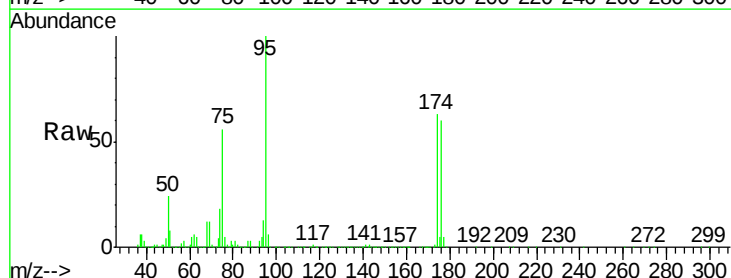
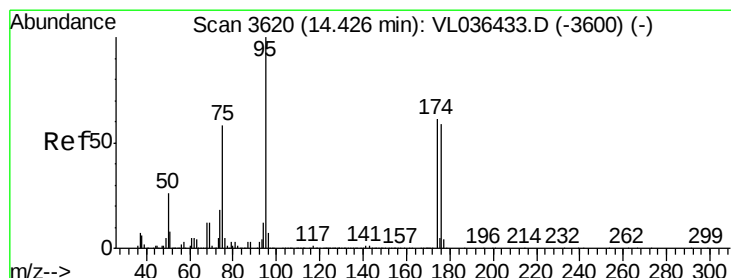
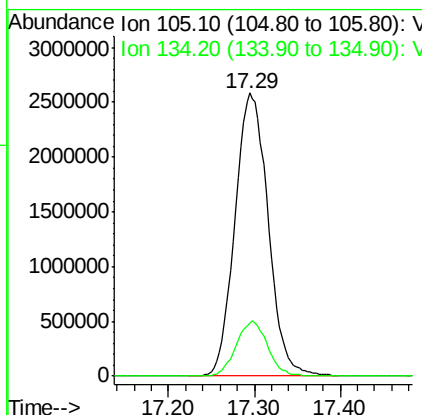


#67
 sec-Butylbenzene
 Concen: 9.523 ppbv
 RT: 17.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0324ABS01
 Acq: 24 Mar 2021 16:30

Tot Ion: 1
 Ion Ratio
 105 100
 134 18.

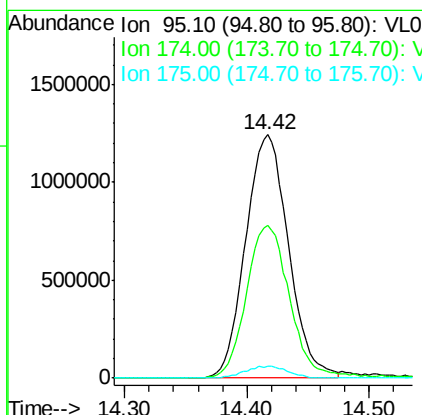
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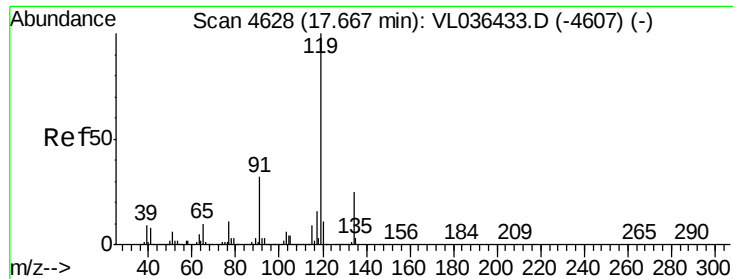
Reviewed By : Semsettin Yesilyurt 03/25/2021
 Supervised By : Mahesh Dadoda 03/25/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.782 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion: 95 Resp: 3020877
 Ion Ratio Lower Upper
 95 100
 174 64.1 51.0 76.4
 175 5.0 3.8 5.6



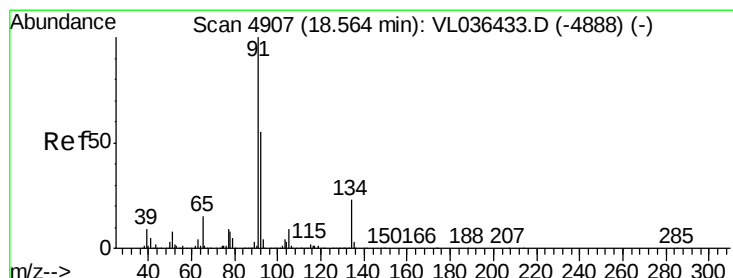
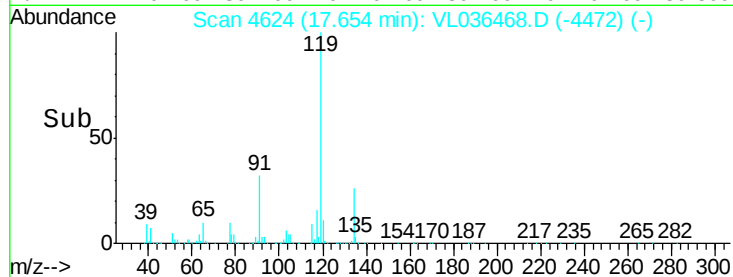
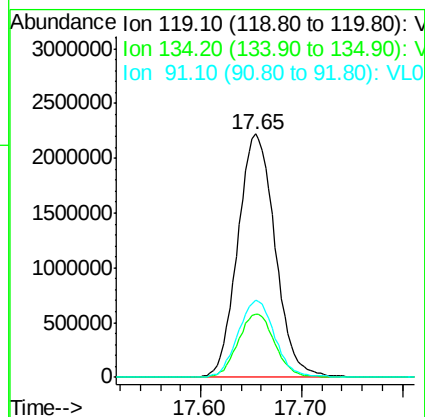
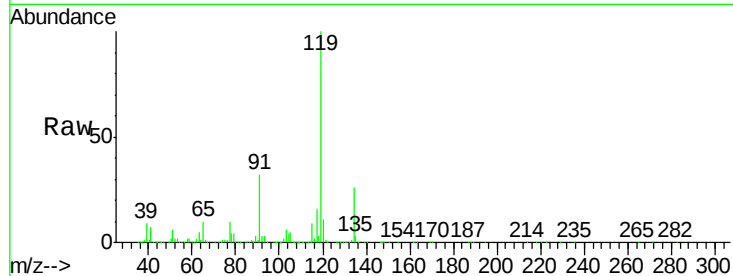


#69
 p-Isopropyltoluene
 Concen: 9.818 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0324ABS01
 Acq: 24 Mar 2021 16:36

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 31.

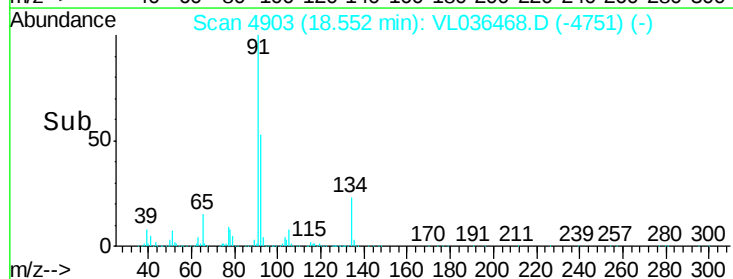
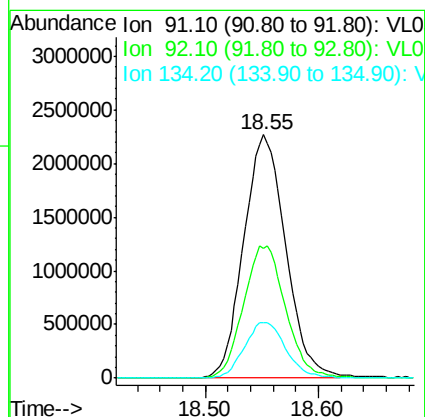
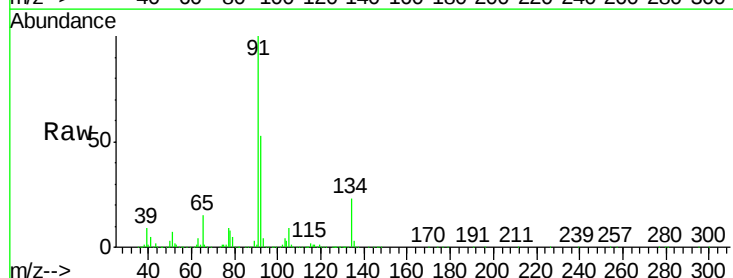
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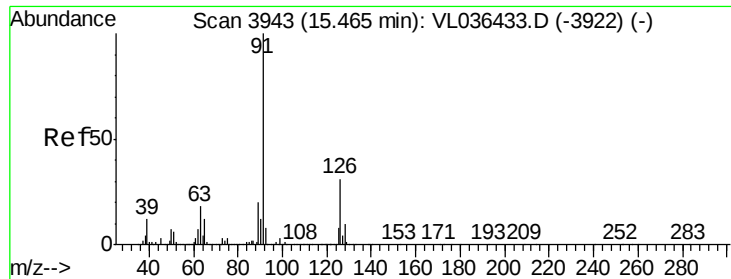
Reviewed By : Semsettin Yesilyurt 03/25/2021
 Supervised By : Mahesh Dadoda 03/25/2021



#70
 n-Butylbenzene
 Concen: 9.720 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T.: -0.01 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion: 91 Resp: 5836588
 Ion Ratio Lower Upper
 91 100
 92 54.8 44.1 66.1
 134 22.8 17.9 26.9



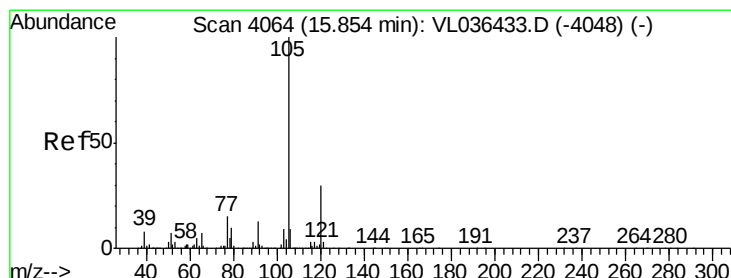
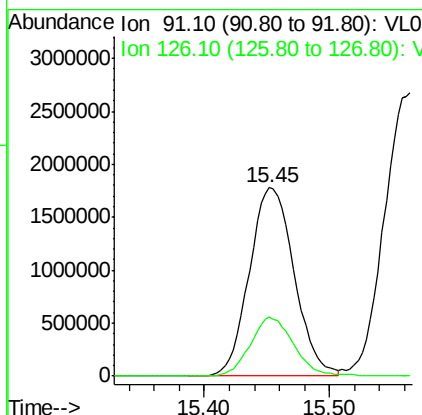
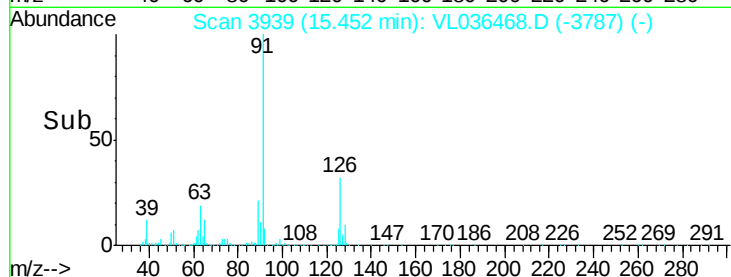
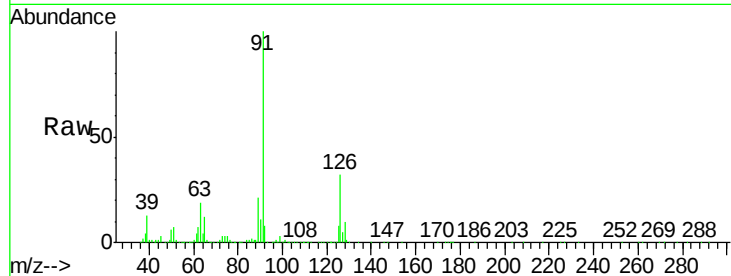


#71
 2-Chlorotoluene
 Concen: 9.853 ppbv
 RT: 15.45
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0324ABS01
 Acq: 24 Mar 2021 16:36

Tot Ion:
 Ion Ratio
 91 100
 126 30.

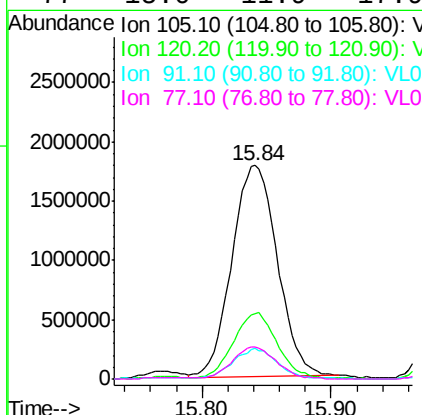
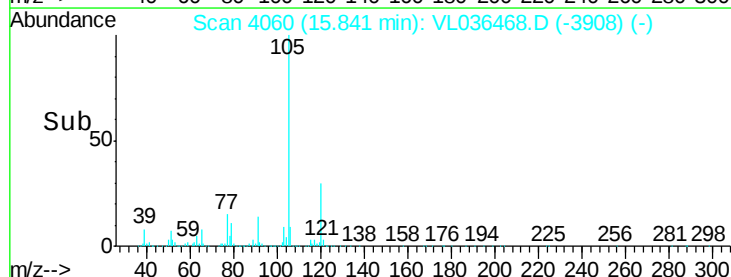
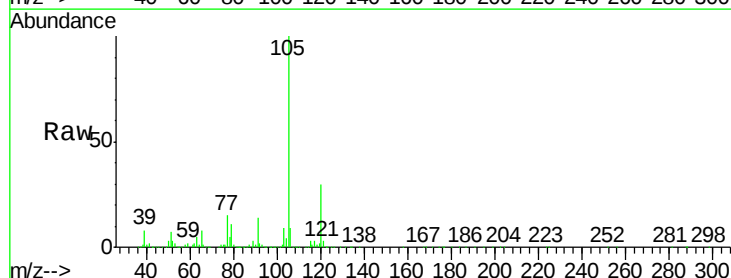
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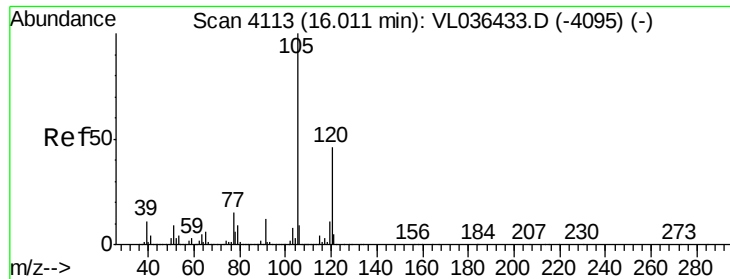
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#72
 4-Ethyltoluene
 Concen: 10.174 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. -0.01 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion:105 Resp: 4379164
 Ion Ratio Lower Upper
 105 100
 120 30.8 23.8 35.6
 91 13.8 10.9 16.3
 77 15.0 11.9 17.9



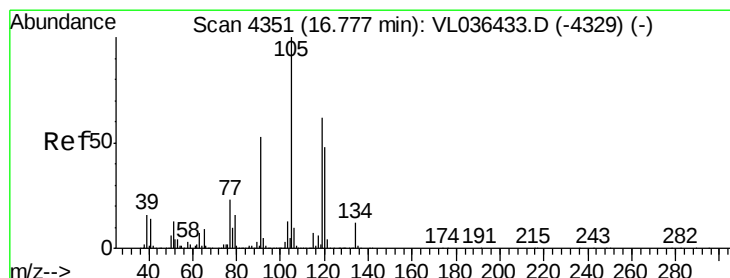
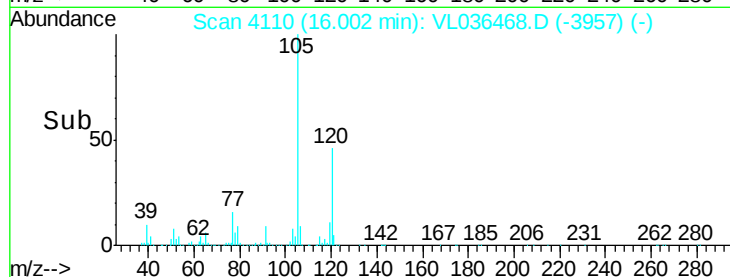
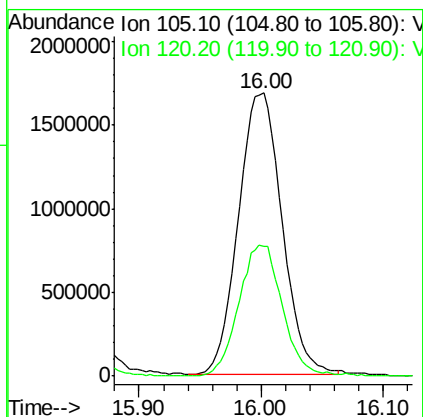
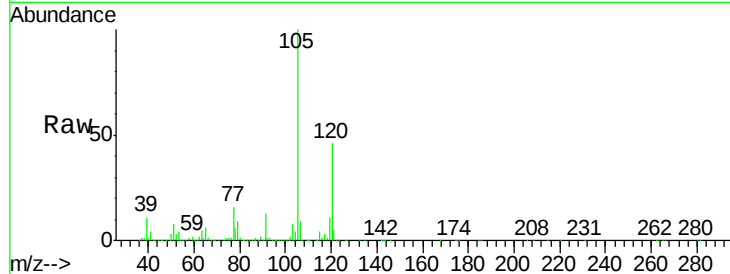


#73
 1,3,5-Trimethylbenzene
 Concen: 9.963 ppbv
 RT: 16.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled:
 VL0324ABS01
 Acq: 24 Mar 2021 16:30

Tot Ion:1
 Ion Rati
 105 100
 120 45.

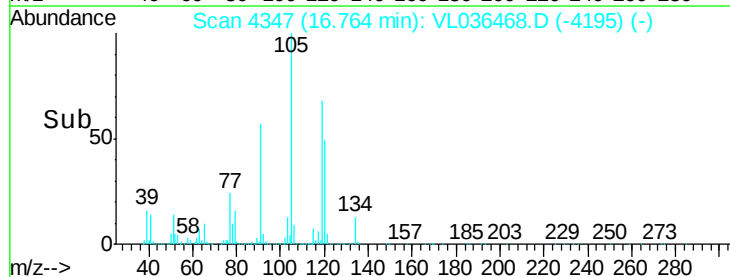
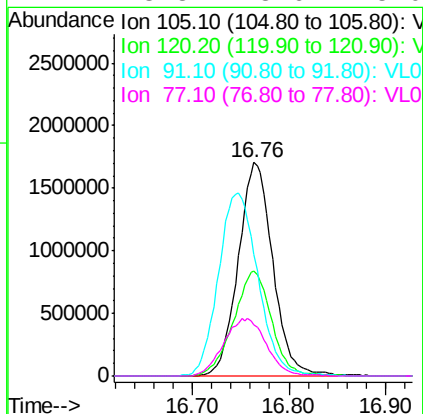
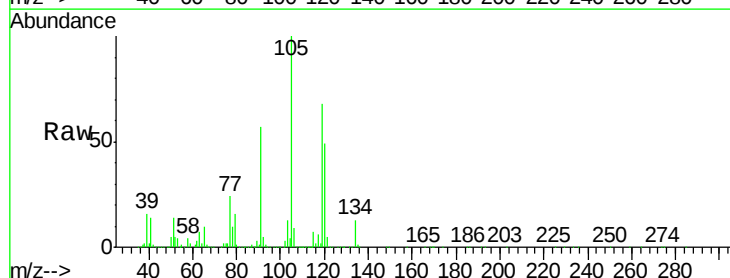
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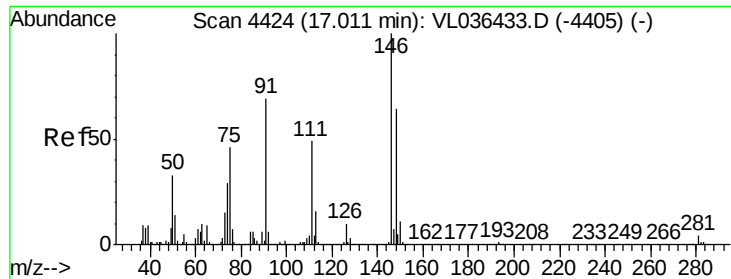
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 9.551 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. -0.01 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion:105 Resp: 4234915
 Ion Ratio Lower Upper
 105 100
 120 49.1 38.2 57.4
 91 56.7 42.6 63.8
 77 23.8 18.6 28.0



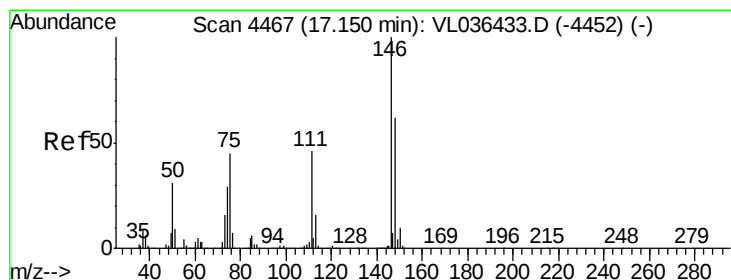
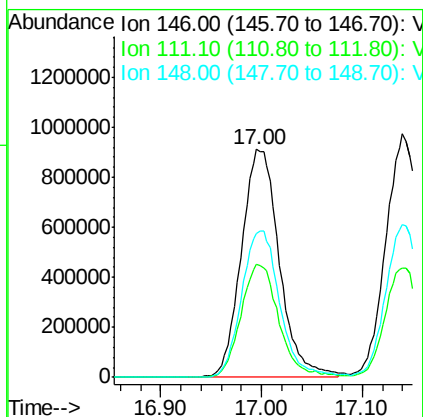
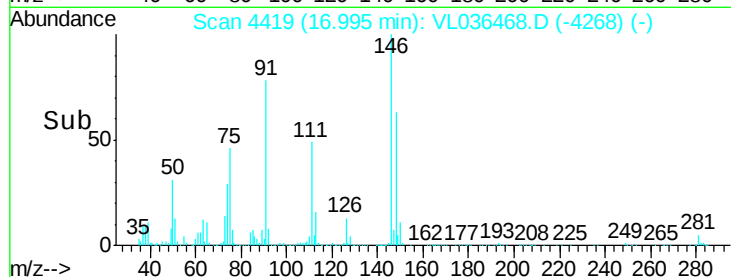
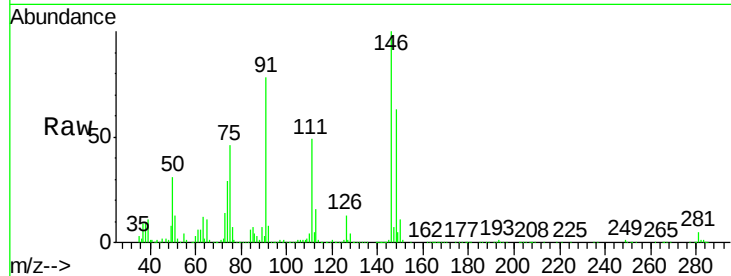


#75
 1,3-Dichlorobenzene
 Concen: 9.649 ppbv
 RT: 17.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0324ABS01
 Acq: 24 Mar 2021 16:36

Tot Ion:1
 Ion Rati
 146 100
 111 49.
 148 64.

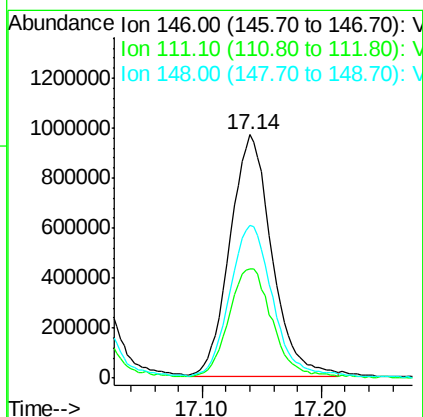
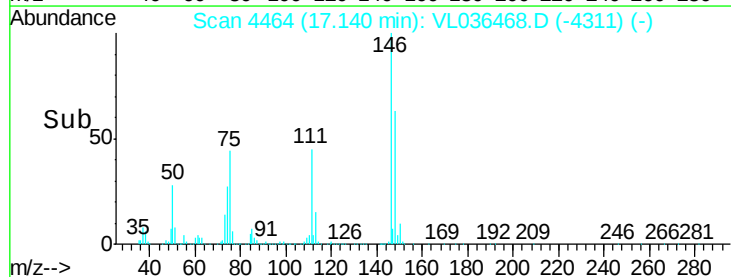
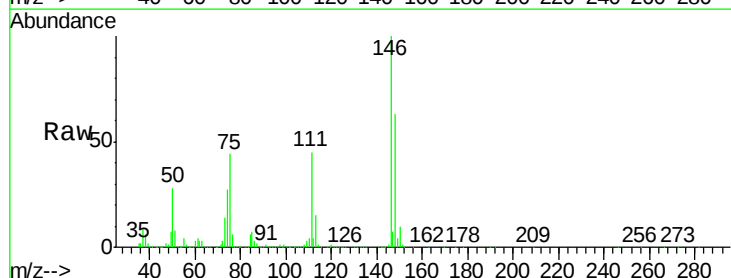
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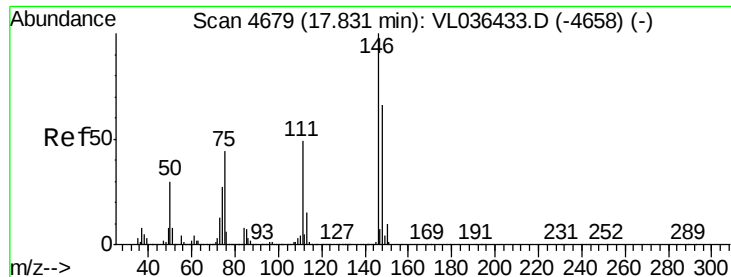
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#76
 1,4-Dichlorobenzene
 Concen: 9.599 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T. -0.01 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion:146 Resp: 2361907
 Ion Ratio Lower Upper
 146 100
 111 47.7 24.5 73.5
 148 65.9 33.1 99.2



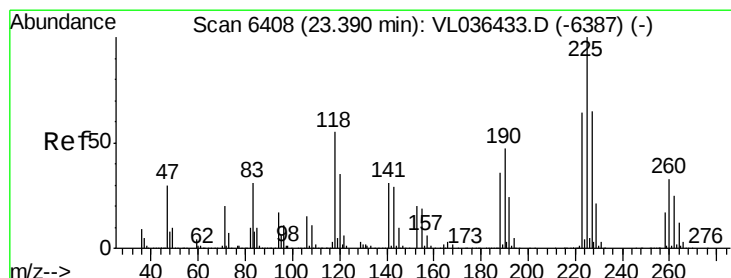
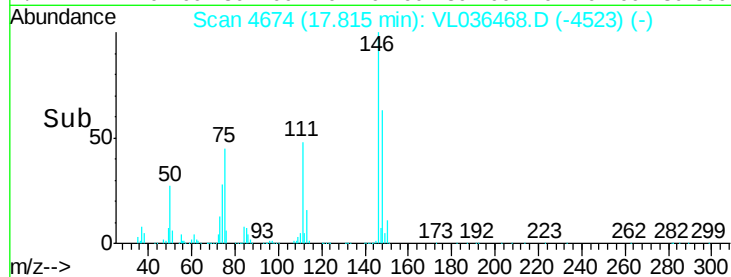
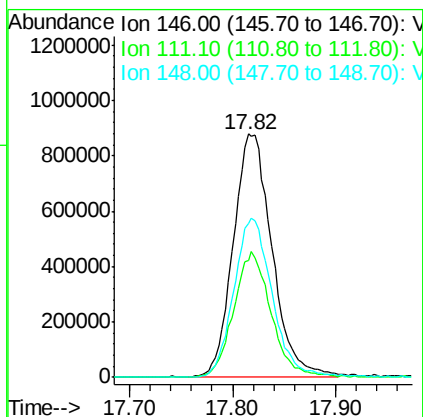
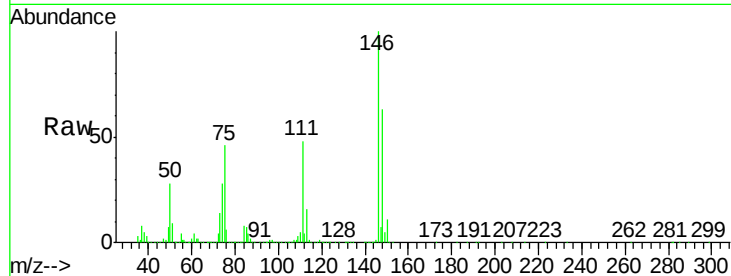


#77
 1,2-Dichlorobenzene
 Concen: 9.506 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0324ABS01
 Acq: 24 Mar 2021 16:30

Tot Ion:1
 Ion Rati
 146 100
 111 50.
 148 65.

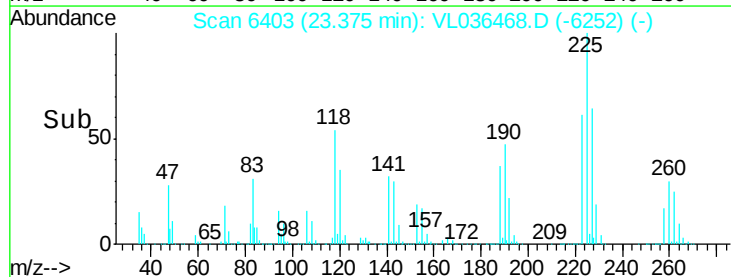
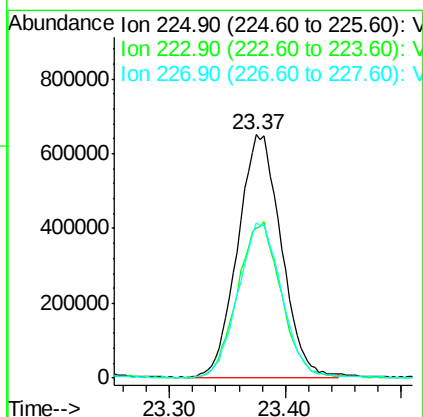
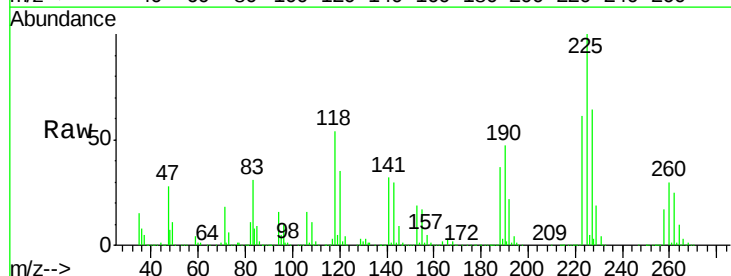
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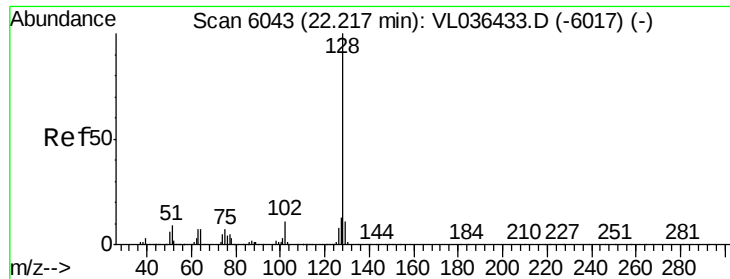
Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.807 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. -0.02 min
 Lab File: VL036468.D
 Acq: 24 Mar 2021 16:36

Tgt Ion:225 Resp: 1689683
 Ion Ratio Lower Upper
 225 100
 223 64.7 51.8 77.8
 227 64.7 53.0 79.6



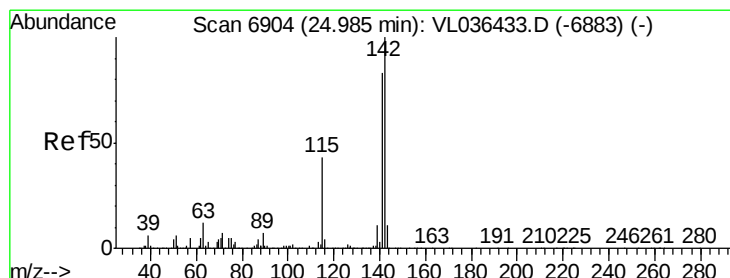
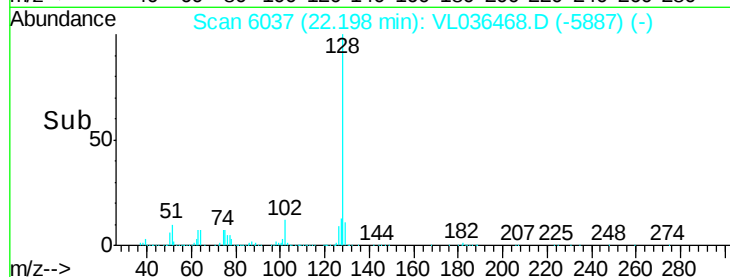
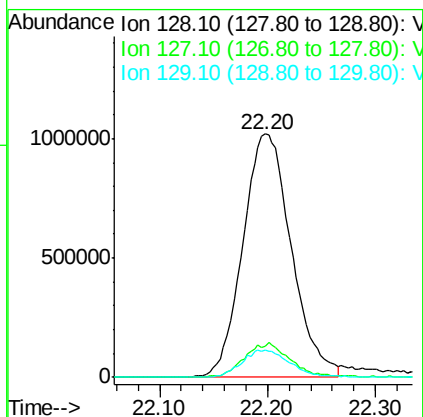
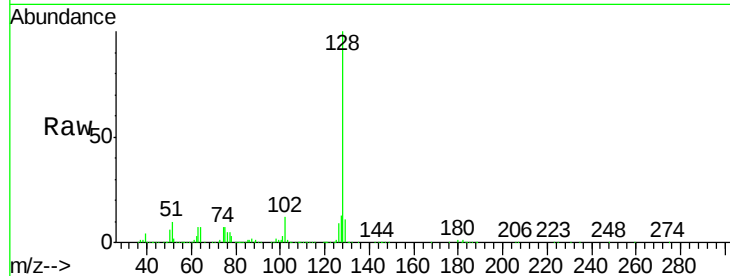


#79
Naphthalene
Concen: 12.206 ppbv
RT: 22.20 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Mar 2021 16:36

Tot Ion:1
Ion Ratio
128 100
127 12.
129 11.

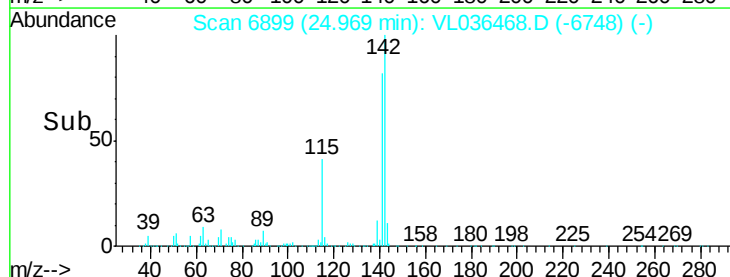
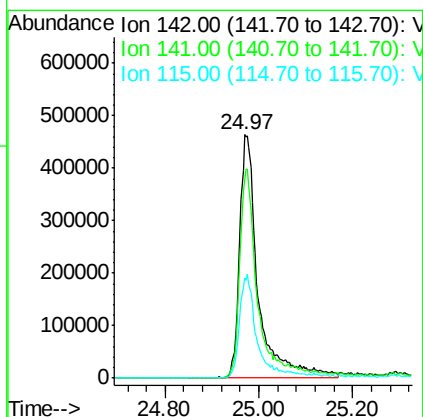
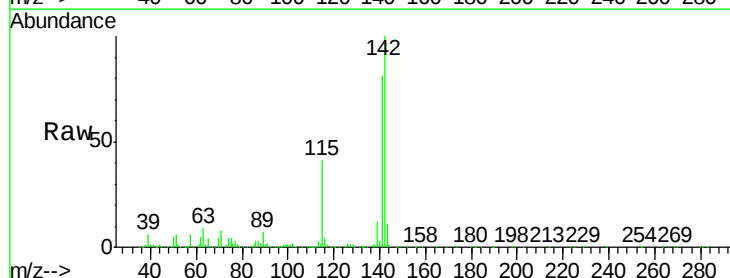
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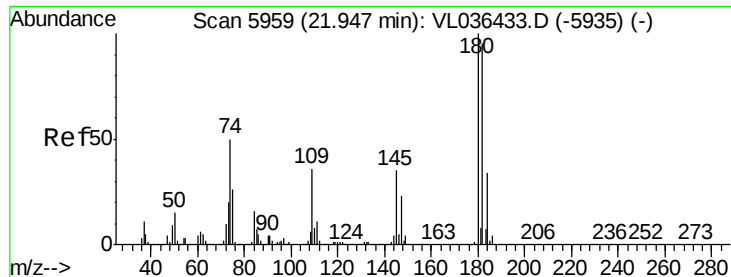
Reviewed By :Semsettin Yesilyurt 03/25/2021
Supervised By :Mahesh Dadoda 03/25/2021



#80
Naphthalene, 2-methyl-
Concen: 22.894 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. -0.02 min
Lab File: VL036468.D
Acq: 24 Mar 2021 16:36

Tgt Ion:142 Resp: 1285664
Ion Ratio Lower Upper
142 100
141 83.6 69.0 103.6
115 40.9 32.4 48.6





#81
 1,2,4-Trichlorobenzene
 Concen: 11.392 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0324ABS01
 Acq: 24 Mar 2021 10:50

Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2021
 Supervised By :Mahesh Dadoda 03/25/2021

