

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036471.D
 Acq On : 25 Mar 2021 2:42
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/26/2021
 Supervised By : Mahesh Dadoda 03/29/2021

Quant Time: Mar 25 08:54:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 07:52:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1640650	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3906966	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3665586	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2815908	9.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.50%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	547511	2.310	ppbv	93
3) Chlorodifluoromethane	2.99	51	654781	3.058	ppbv	99
4) Chloromethane	3.14	50	230942	2.438	ppbv	97
5) Vinyl Chloride	3.26	62	226050	2.523	ppbv	97
6) Bromomethane	3.47	94	128542	2.314	ppbv	86
7) Chloroethane	3.56	64	78744	2.353	ppbv	96
8) Dichlorotetrafluoroethane	3.19	85	564446	2.461	ppbv	99
9) Propene	3.01	41	210766	2.418	ppbv	100
10) Heptane	8.12	43	558484	2.593	ppbv	100
11) Trichlorofluoromethane	3.95	101	593904	2.467	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	366853	2.374	ppbv	98
13) Ethanol	3.61	45	24613m	1.969	ppbv	
14) Bromoethene	3.74	108	157990	2.468	ppbv	100
15) Acetone	3.85	43	362993	1.983	ppbv #	83
16) 1,3-Butadiene	3.33	39	236134	2.489	ppbv	99
17) tert-Butyl alcohol	4.30	59	270419	1.845	ppbv	99
18) 1,1-Dichloroethene	4.29	96	155145	2.246	ppbv	97
19) Isopropyl Alcohol	3.97	45	172711m	1.690	ppbv	
20) Methylene Chloride	4.34	84	160333	2.435	ppbv	98
21) Allyl Chloride	4.41	41	271741	2.461	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	145362	2.309	ppbv	99
23) Vinyl Acetate	5.08	43	629657	2.826	ppbv	97
24) 1,1-Dichloroethane	5.01	63	421306	2.426	ppbv	99
25) Ethyl Acetate	5.68	43	822264	2.242	ppbv	99
26) Hexane	5.69	57	392648	2.536	ppbv	98
27) Carbon Disulfide	4.55	76	388665	2.549	ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	439147	2.168	ppbv	97
29) Chloroform	5.75	83	607656	2.419	ppbv	98
30) Cyclohexane	7.13	84	308186	2.407	ppbv #	82
31) cis-1,2-Dichloroethene	5.55	61	380147	2.535	ppbv	95
32) 1,1,1-Trichloroethane	6.51	97	588934	2.341	ppbv	96
34) 2-Butanone	5.25	43	397490	1.742	ppbv	97
35) Carbon Tetrachloride	7.02	117	622314	2.421	ppbv	94
36) Benzene	6.89	78	787411	2.530	ppbv	99
37) 1,2-Dichloroethane	6.31	62	444533	2.286	ppbv	99
38) Trichloroethene	7.83	130	294964m	2.525	ppbv	
39) 1,2-Dichloropropane	7.61	63	318855	2.400	ppbv	98
40) 1,4-Dioxane	7.86	88	69026m	1.700	ppbv	
41) Tetrahydrofuran	6.06	42	188566m	1.558	ppbv	
42) Bromodichloromethane	7.79	83	624209	2.375	ppbv	99
43) Methyl Methacrylate	8.02	69	261174	2.145	ppbv	97

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Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC002

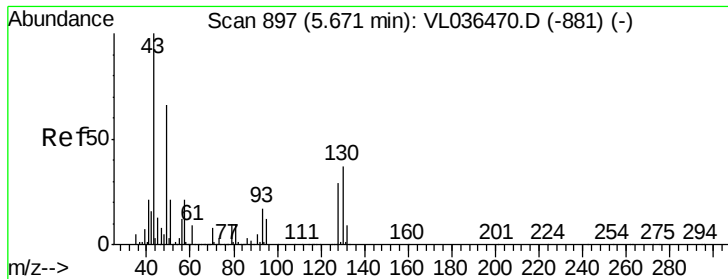
Manual Integrations
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 Supervised By : Mahesh Dadoda 03/29/2021

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 07:52:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	1434989	2.545	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	292075	2.401	ppbv	91
46) cis-1,3-Dichloropropene	8.70	75	379386m	2.388	ppbv	
47) 1,1,2-Trichloroethane	9.48	97	325400	2.476	ppbv	89
48) Dibromochloromethane	10.31	129	492261	2.467	ppbv	100
49) Bromoform	13.04	173	394340	2.422	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	608009	1.850	ppbv	100
51) 2-Hexanone	10.15	43	308130	1.320	ppbv #	98
52) Tetrachloroethene	11.23	164	274329	2.365	ppbv	96
53) Toluene	9.81	91	859704	2.562	ppbv	100
54) 1,2-Dibromoethane	10.61	107	452708	2.395	ppbv	94
56) 1,1,1,2-Tetrachloroethane	12.13	131	354061	2.161	ppbv #	1
57) Chlorobenzene	12.15	112	667460	2.447	ppbv	97
58) Ethyl Benzene	12.72	91	1188541	2.527	ppbv	98
59) m/p-Xylene	13.00	91	2087259m	5.050	ppbv	
60) o-Xylene	13.69	91	1007102	2.537	ppbv	98
61) Styrene	13.54	104	499434	2.139	ppbv	98
62) Isopropylbenzene	14.67	105	1341688	2.282	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.68	83	721865	2.351	ppbv	98
64) n-propylbenzene	15.57	120	329053	2.248	ppbv	84
65) tert-Butylbenzene	16.75	119	1217589	2.382	ppbv	97
66) Benzyl Chloride	17.00	91	119675m	1.001	ppbv	
67) sec-Butylbenzene	17.30	105	1685151	2.364	ppbv	98
69) p-Isopropyltoluene	17.66	119	1327313	2.327	ppbv	99
70) n-Butylbenzene	18.55	91	1410203	2.394	ppbv	97
71) 2-Chlorotoluene	15.46	91	1022262	2.321	ppbv	98
72) 4-Ethyltoluene	15.84	105	1094788	2.533	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	1020840	2.451	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	1106162	2.503	ppbv	93
75) 1,3-Dichlorobenzene	17.00	146	579267	2.342	ppbv	95
76) 1,4-Dichlorobenzene	17.14	146	602700m	2.442	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	564600	2.347	ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	527204m	2.701	ppbv	
79) Naphthalene	22.21	128	629818m	2.393	ppbv	
80) Naphthalene, 2-methyl-	25.00	142	56592	1.011	ppbv	98
81) 1,2,4-Trichlorobenzene	21.93	180	390878	2.542	ppbv	97

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 VSTDIC002

2.42

Tot Ion:

Ion Ratio

49 100

128 45.

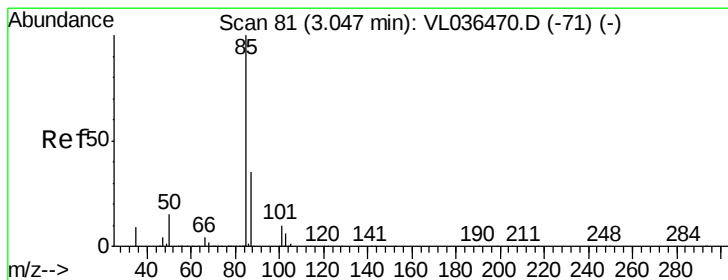
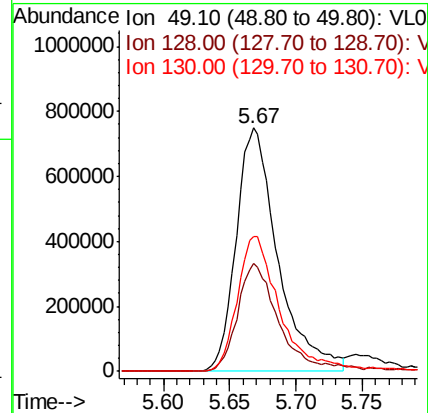
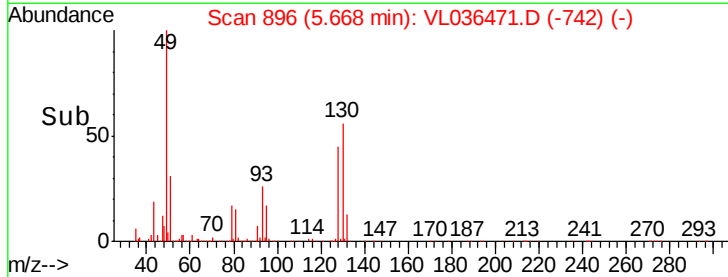
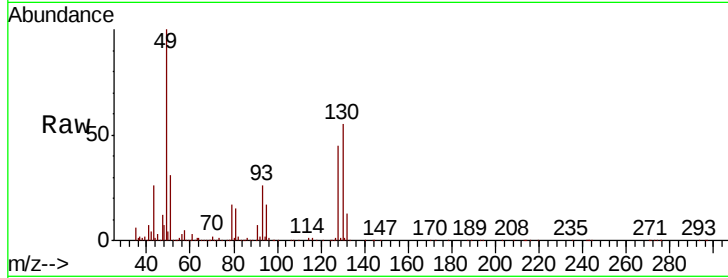
130 58.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/29/2021



#2

Dichlorodifluoromethane

Concen: 2.310 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL036471.D

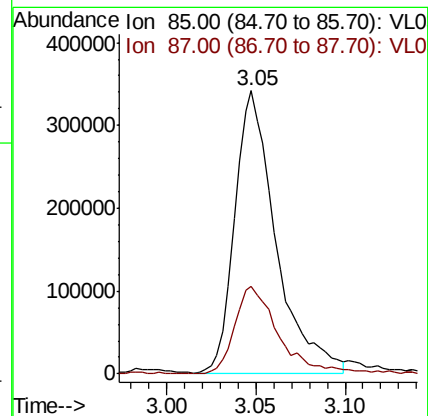
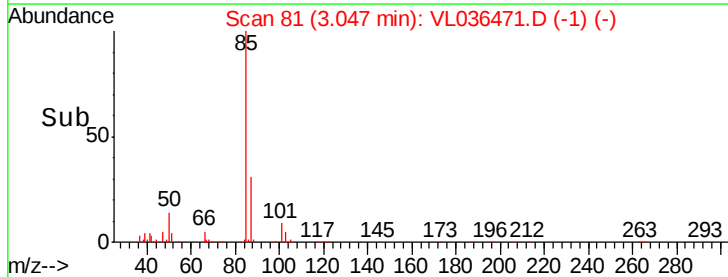
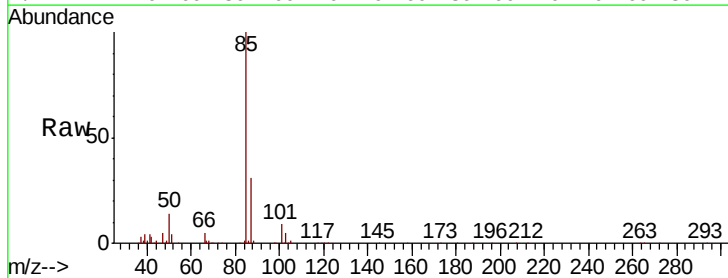
Acq: 25 Mar 2021 2:42

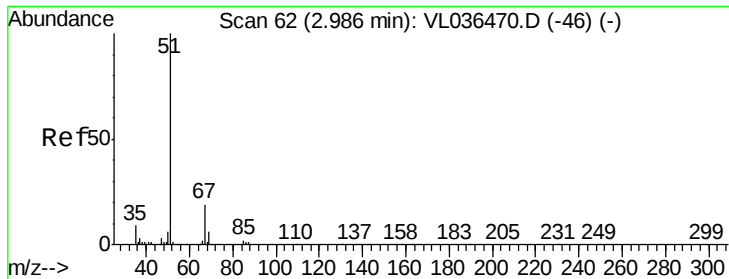
Tgt Ion: 85 Resp: 547511

Ion Ratio Lower Upper

85 100

87 31.0 27.8 41.8





#3

Chlorodifluoromethane

Concen: 3.058 ppbv

RT: 2.99 Instrument: MSVOA_L

Delta R.T. 0.00 min

Lab File: VSTDIC002

Acq: 25 Mar 2021 2:42

Manual Integrations
APPROVED

Tot Ion:

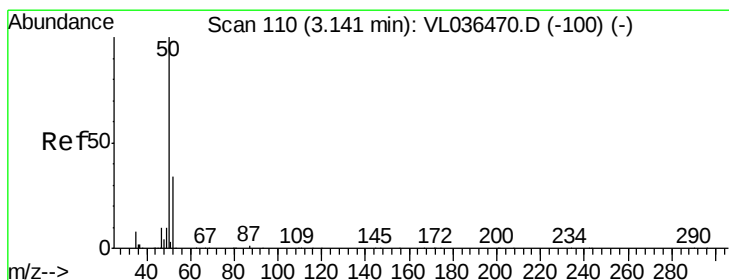
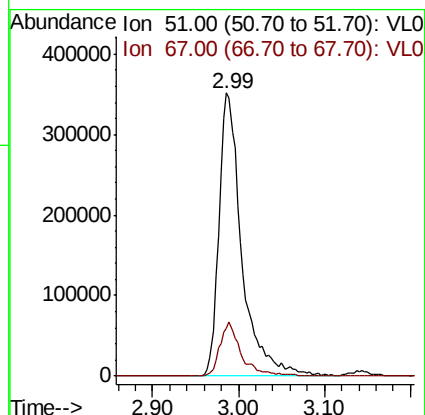
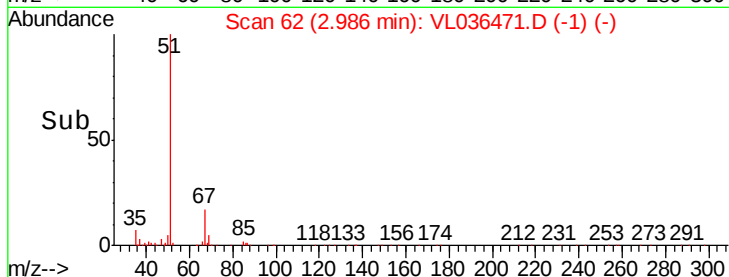
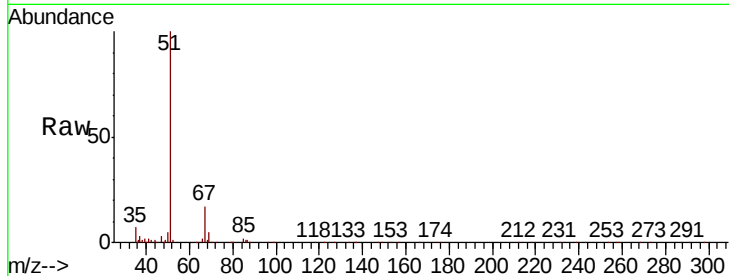
Ion Ratio

51 100

67 17.

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#4

Chloromethane

Concen: 2.438 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL036471.D

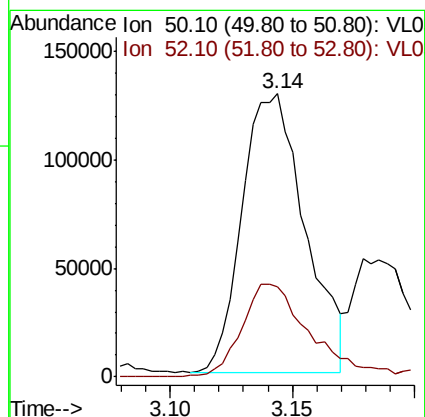
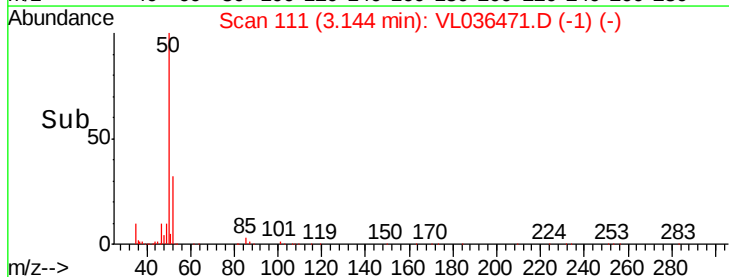
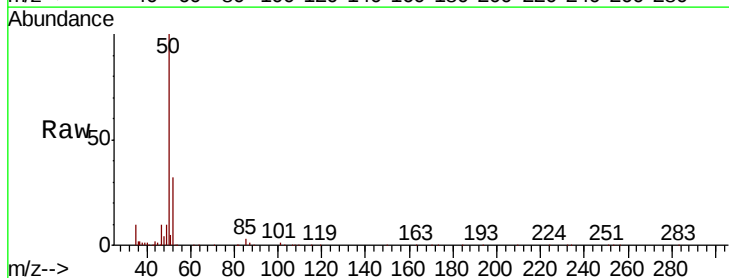
Acq: 25 Mar 2021 2:42

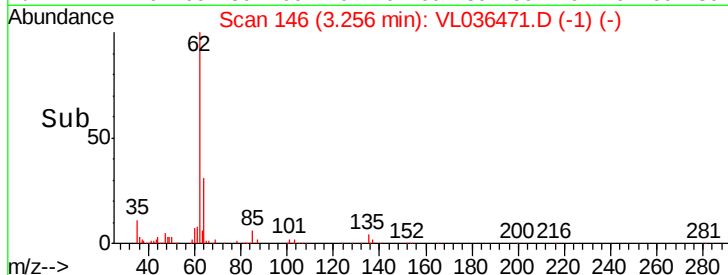
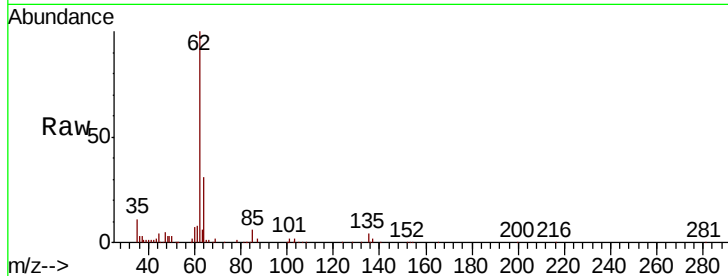
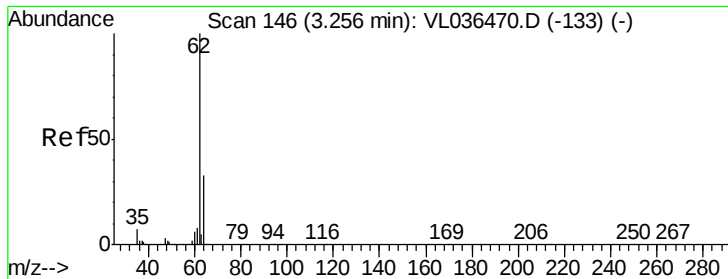
Tgt Ion: 50 Resp: 230942

Ion Ratio Lower Upper

50 100

52 31.9 27.0 40.6





#5

Vinyl Chloride

Concen: 2.523 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 VSTDIC002

2.42

Tot Ion:

Ion Ratio

62 100

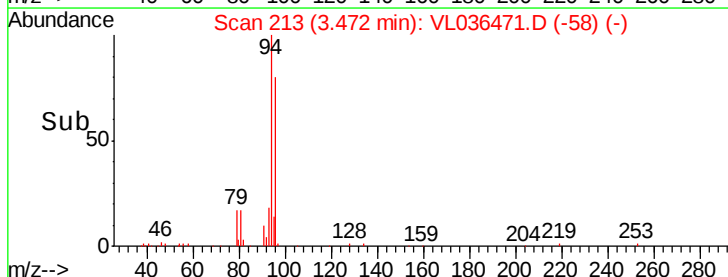
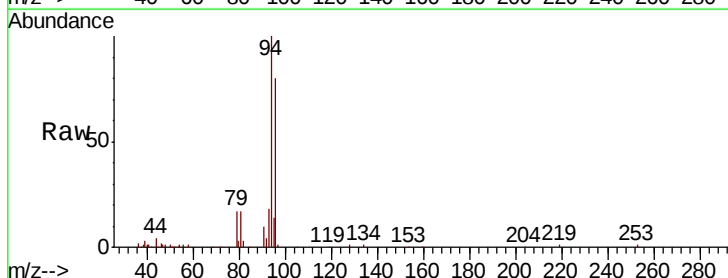
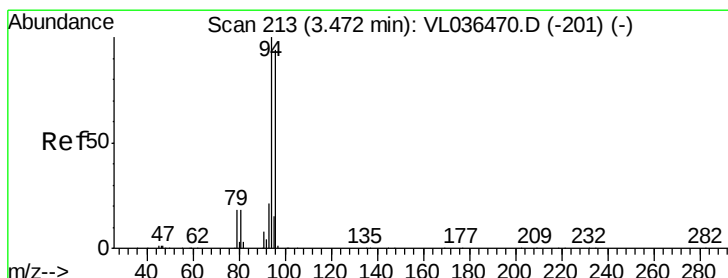
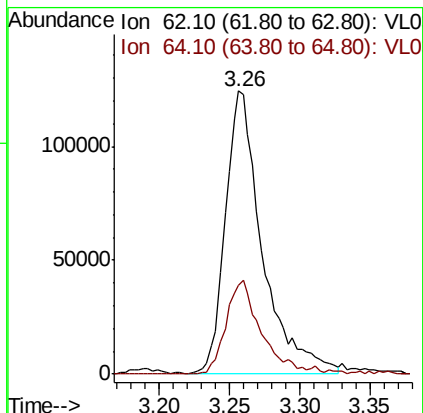
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#6

Bromomethane

Concen: 2.314 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.00 min

Lab File: VL036471.D

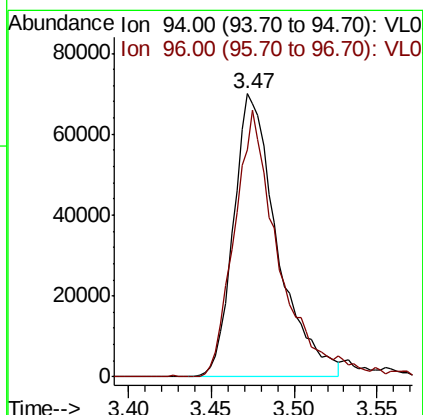
Acq: 25 Mar 2021 2:42

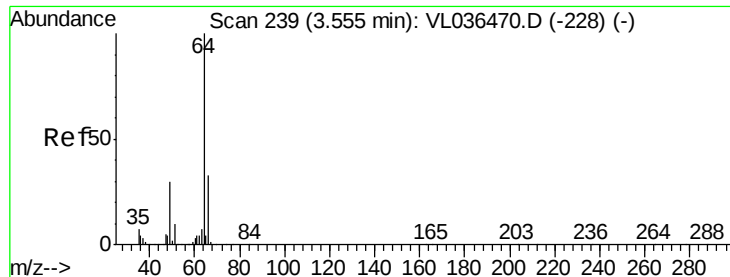
Tgt Ion: 94 Resp: 128542

Ion Ratio Lower Upper

94 100

96 80.2 74.9 112.3





#7

Chloroethane

Concen: 2.353 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDIC002

Acq: 25 Mar 2021 2:42

Tot Ion:

Ion Ratio

64 100

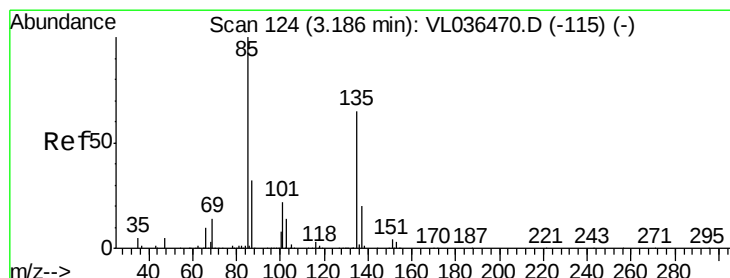
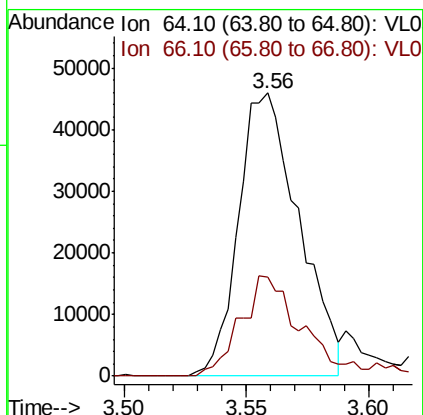
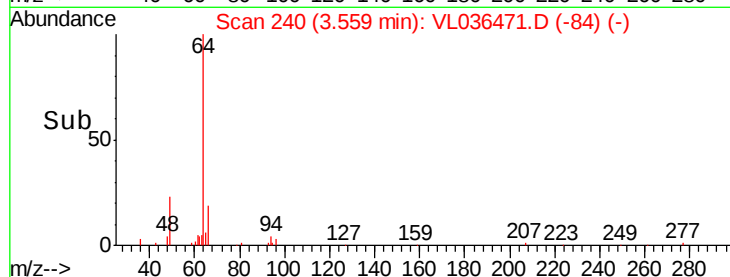
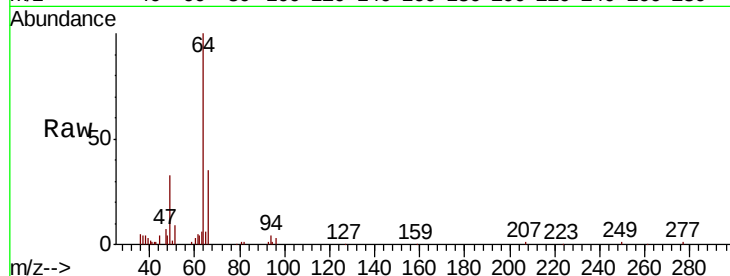
66 35.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/29/2021



#8

Dichlorotetrafluoroethane

Concen: 2.461 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036471.D

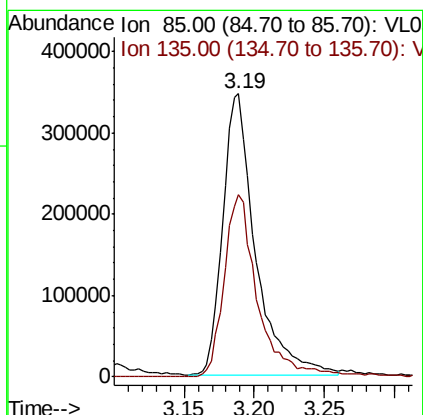
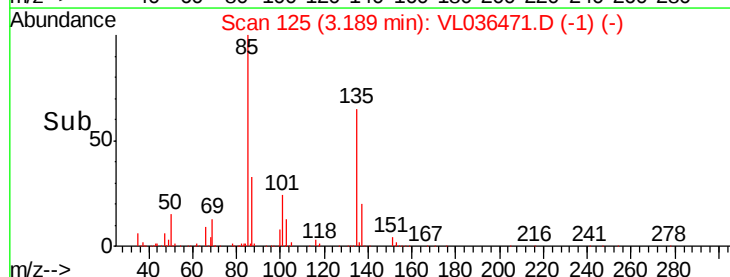
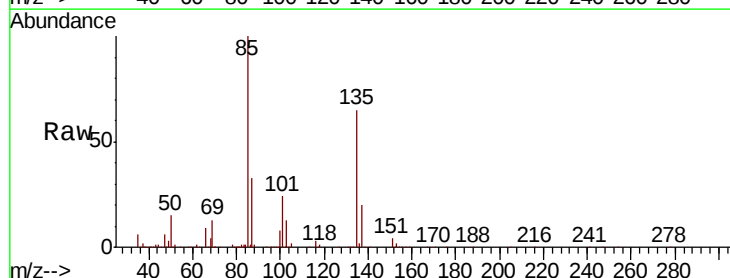
Acq: 25 Mar 2021 2:42

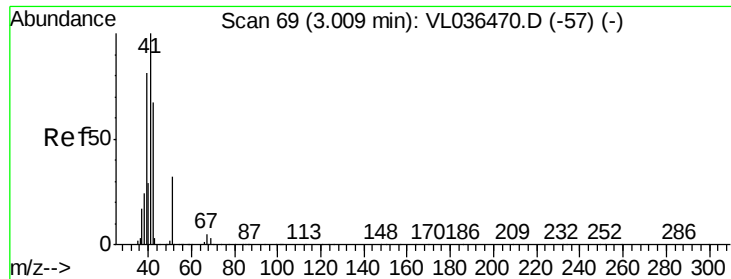
Tgt Ion: 85 Resp: 564446

Ion Ratio Lower Upper

85 100

135 67.1 54.3 81.5



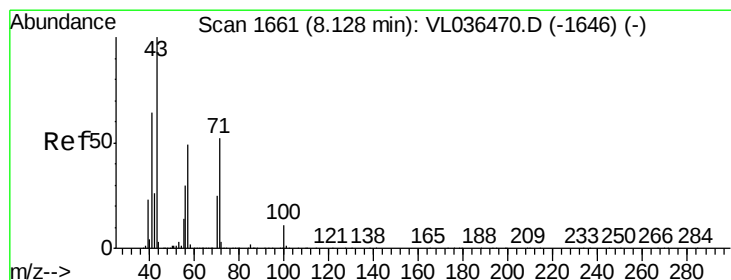
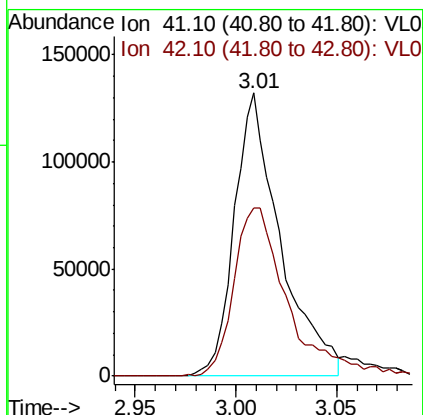
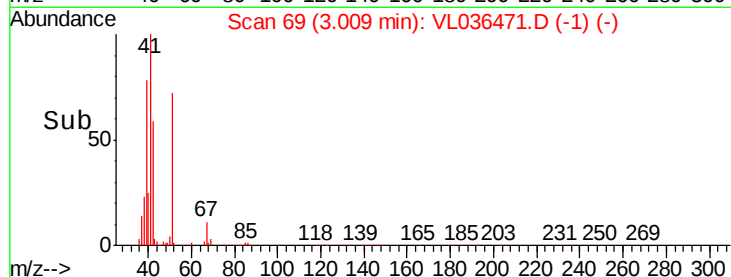
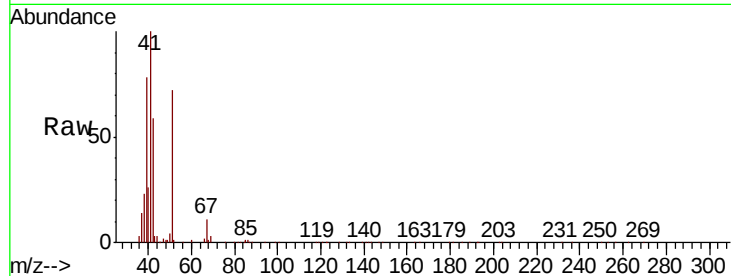


#9
Propene
Concen: 2.418 ppbv
RT: 3.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:42

Tot Ion:
Ion Ratio
41 100
42 71.

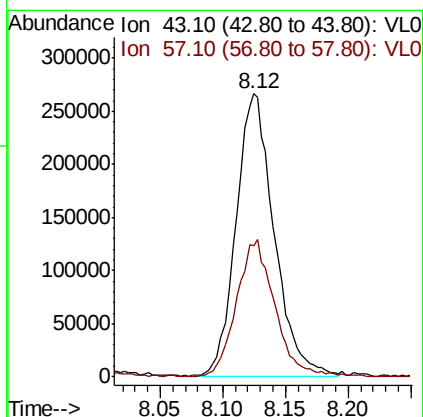
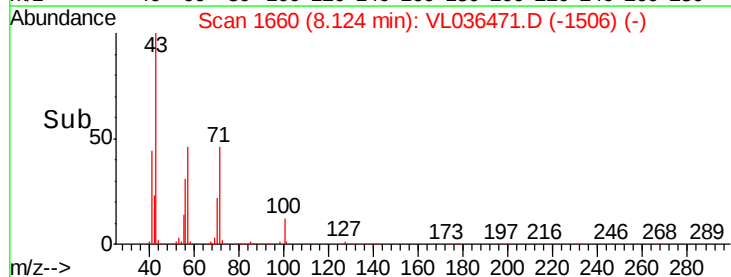
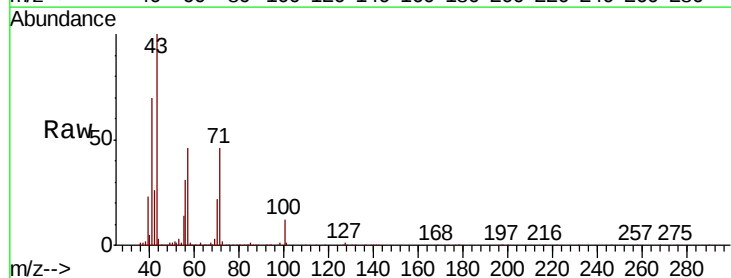
Manual Integrations
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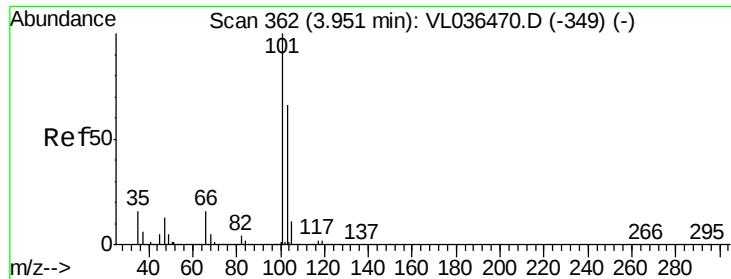
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#10
Heptane
Concen: 2.593 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VL036471.D
Acq: 25 Mar 2021 2:42

Tgt Ion: 43 Resp: 558484
Ion Ratio Lower Upper
43 100
57 49.0 39.4 59.0



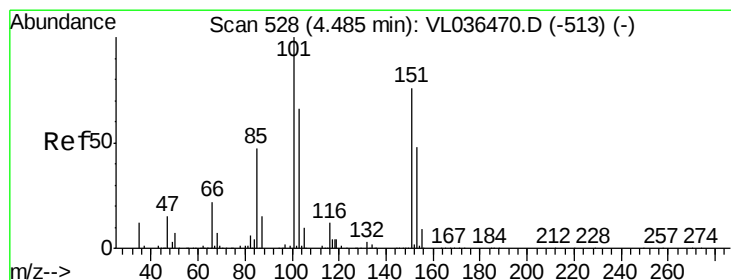
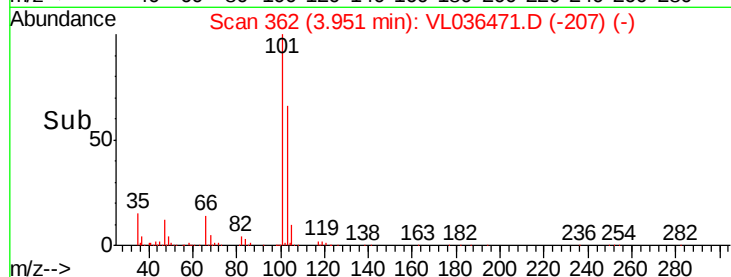
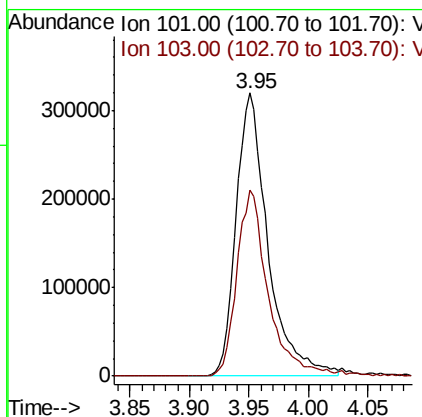
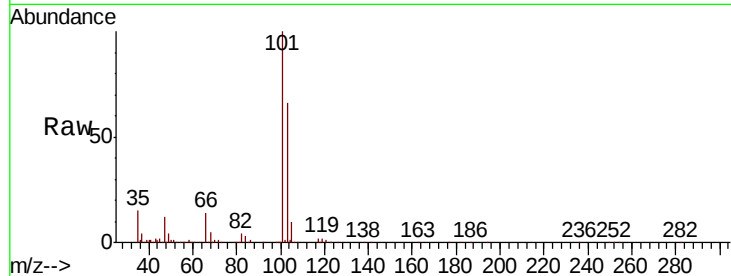


#11
 Trichlorofluoromethane
 Concen: 2.467 ppbv
 RT: 3.95
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 25 Mar 2021 2:42

Tot Ion:1
 Ion Rati
 101 100
 103 65.

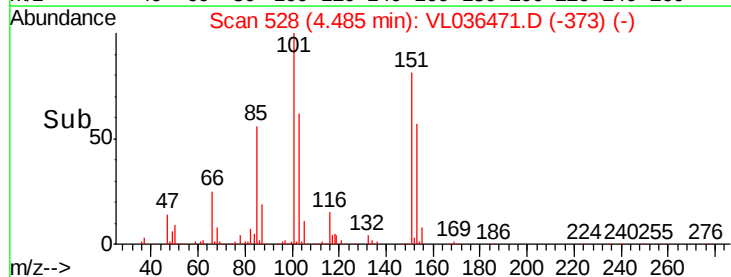
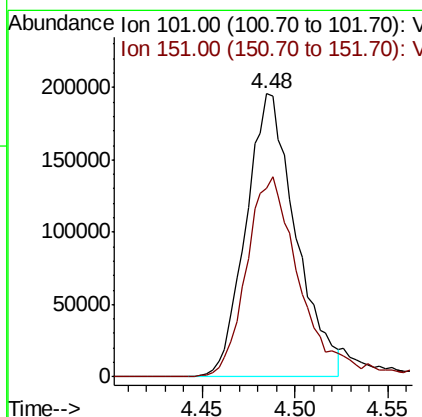
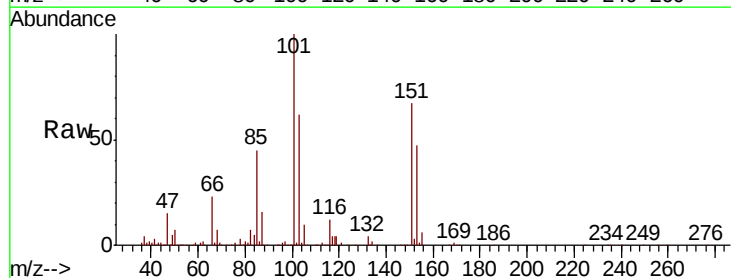
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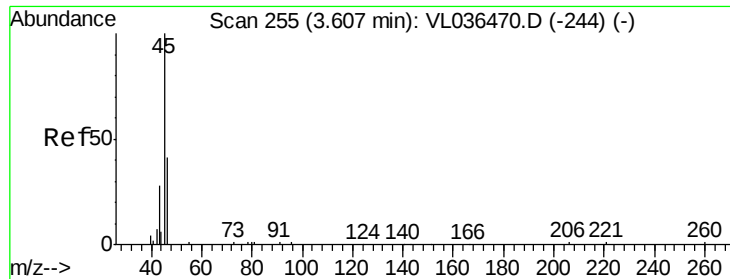
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.374 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL036471.D
 Acq: 25 Mar 2021 2:42

Tgt Ion:101 Resp: 366853
 Ion Ratio Lower Upper
 101 100
 151 77.8 60.9 91.3





#13

Ethanol

Concen: 1.969 ppbv m

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 VSTDIC002

2.42

Tot Ion:

Ion Ratio

45 100

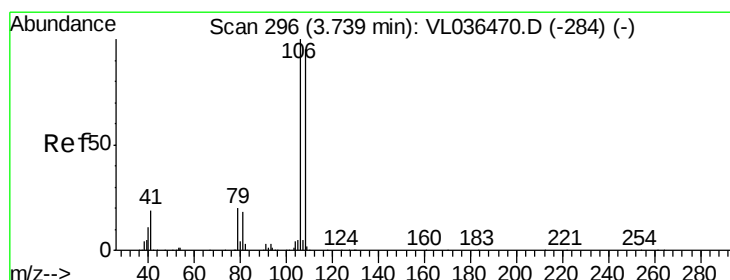
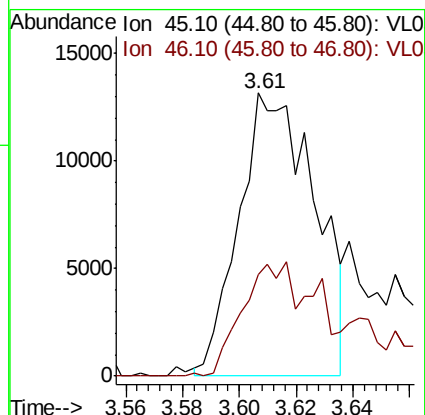
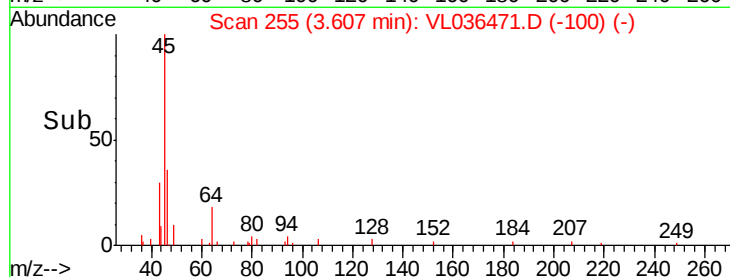
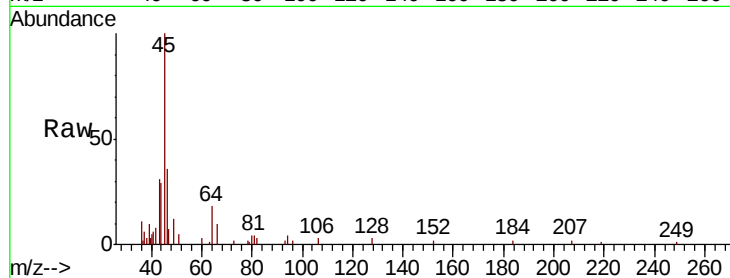
46 0.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#14

Bromoethene

Concen: 2.468 ppbv

RT: 3.74 min Scan# 296

Delta R.T. -0.00 min

Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

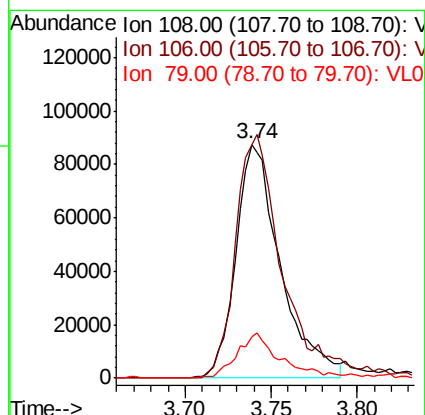
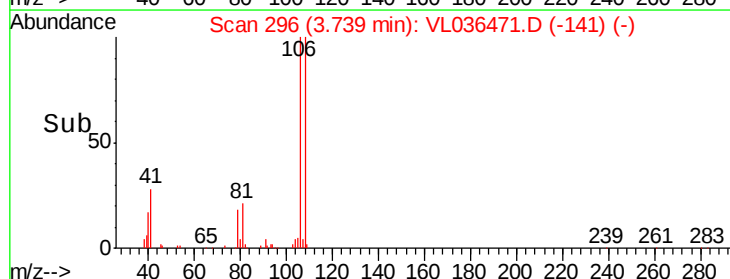
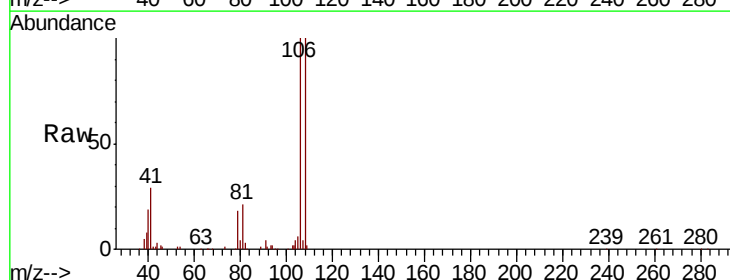
Tgt Ion:108 Resp: 157990

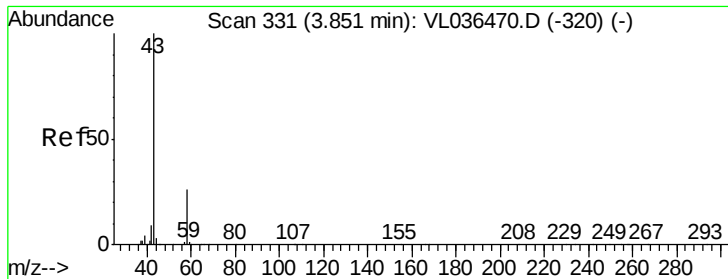
Ion Ratio Lower Upper

108 100

106 111.7 89.0 133.4

79 20.8 16.8 25.2



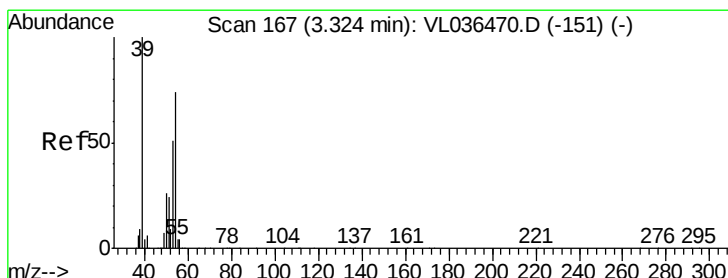
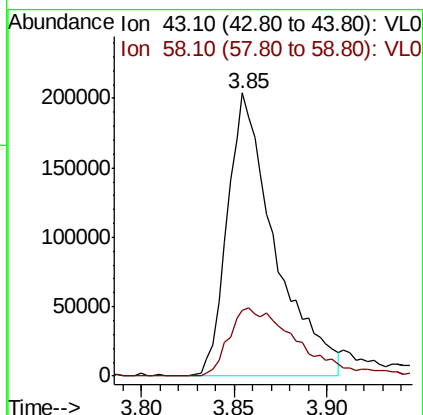
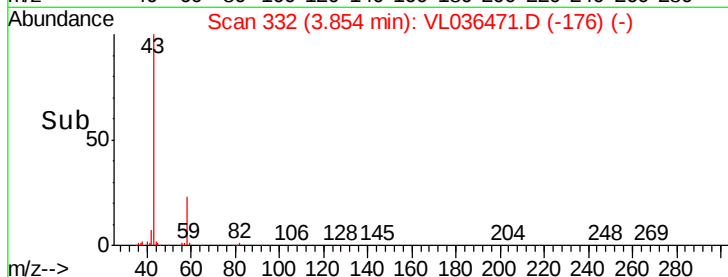
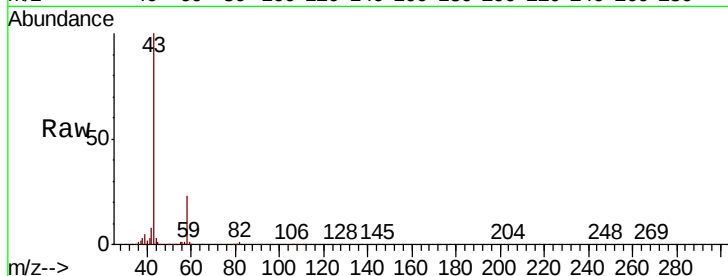


#15
Acetone
Concen: 1.983 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:42

Tot Ion:
Ion Ratio
43 100
58 35.

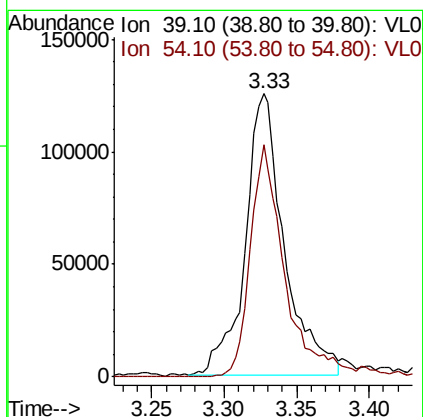
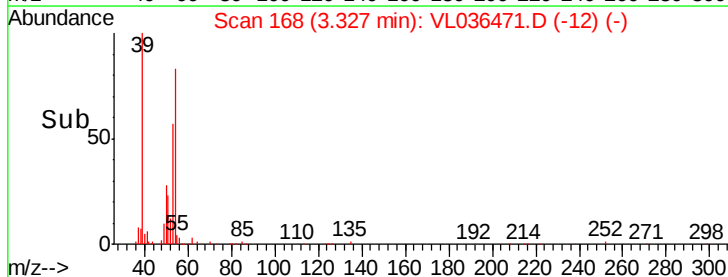
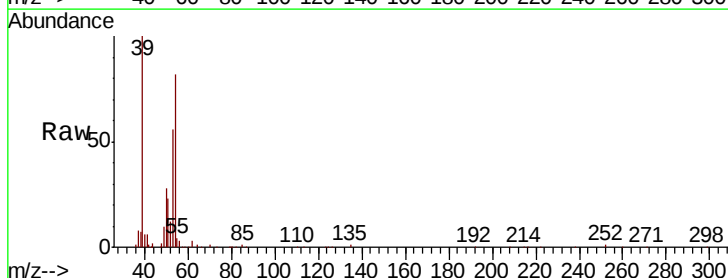
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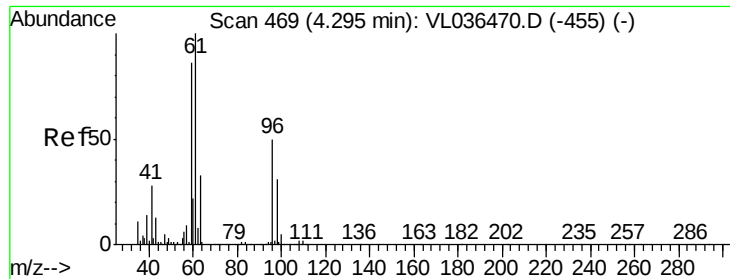
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#16
1,3-Butadiene
Concen: 2.489 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL036471.D
Acq: 25 Mar 2021 2:42

Tgt Ion: 39 Resp: 236134
Ion Ratio Lower Upper
39 100
54 74.8 59.0 88.4



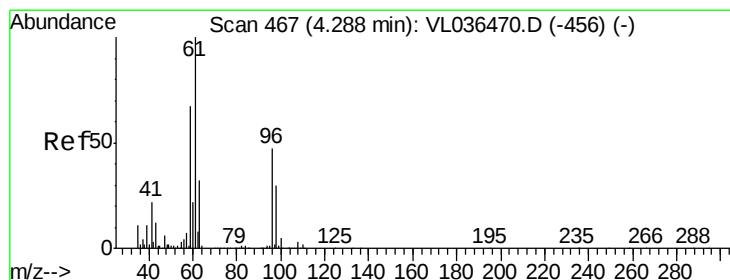
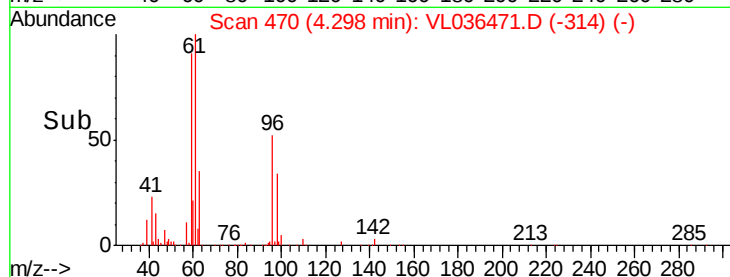
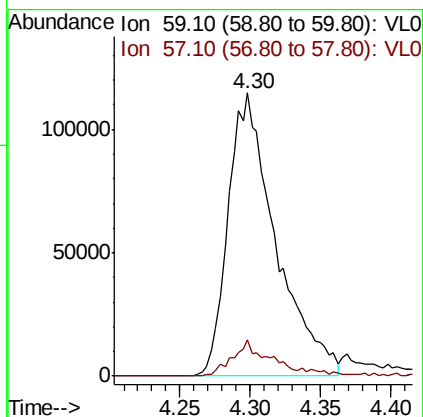
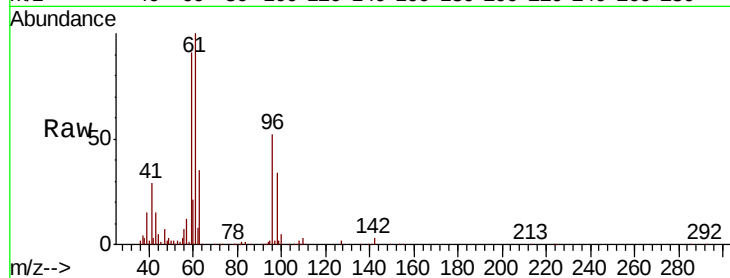


#17
tert-Butyl alcohol
Concen: 1.845 ppbv
RT: 4.30
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 2:42

Tot Ion:
Ion Ratio
59 100
57 11.

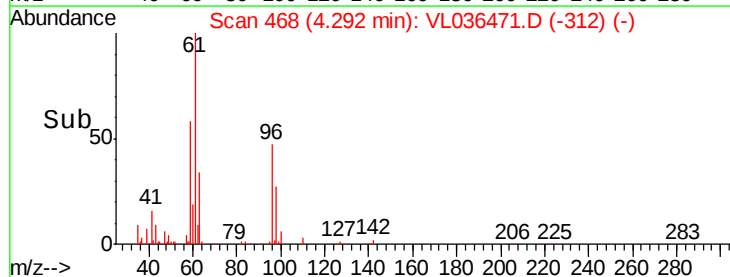
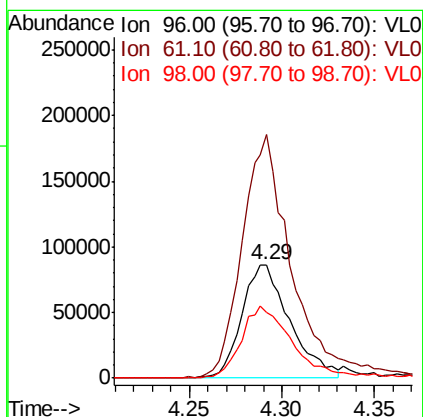
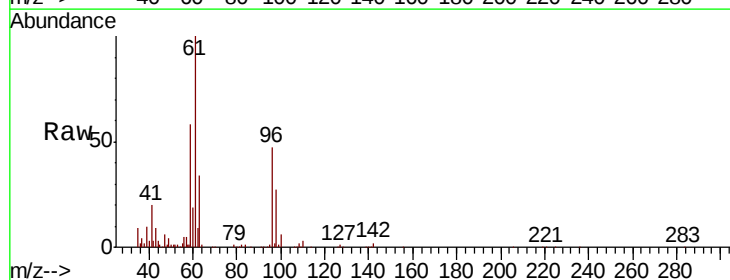
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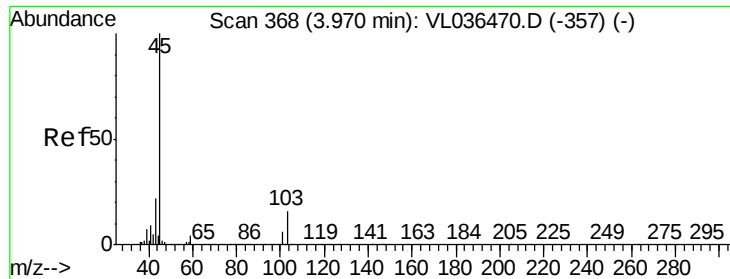
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#18
1,1-Dichloroethene
Concen: 2.246 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL036471.D
Acq: 25 Mar 2021 2:42

Tgt Ion: 96 Resp: 155145
Ion Ratio Lower Upper
96 100
61 212.8 168.6 253.0
98 58.2 50.8 76.2





#19

Isopropyl Alcohol

Concen: 1.690 ppbv m

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:42 VSTDIC002

Tot Ion:

Ion Ratio

45 100

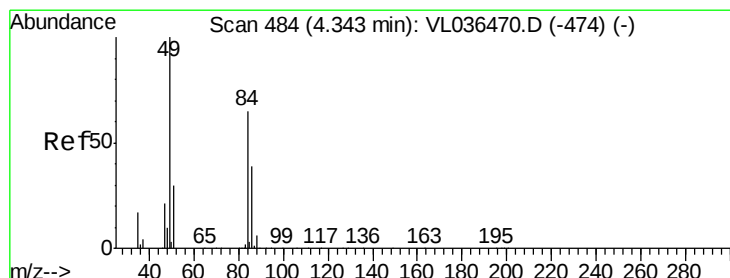
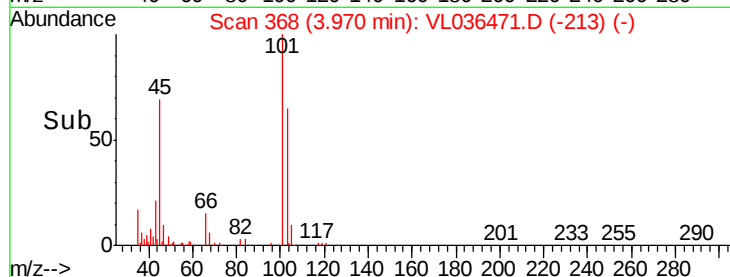
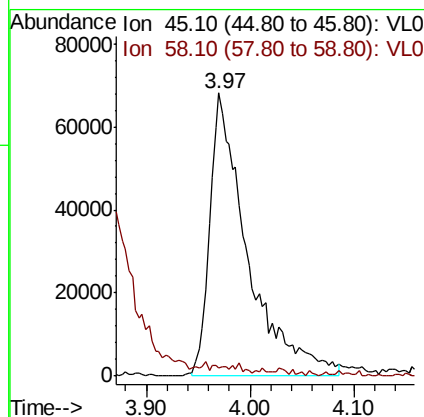
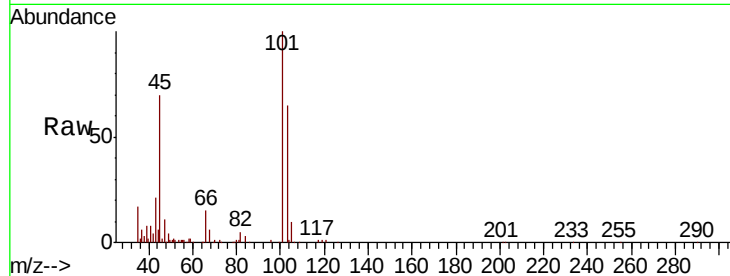
58 3.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#20

Methylene Chloride

Concen: 2.435 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

Tgt Ion: 84 Resp: 160333

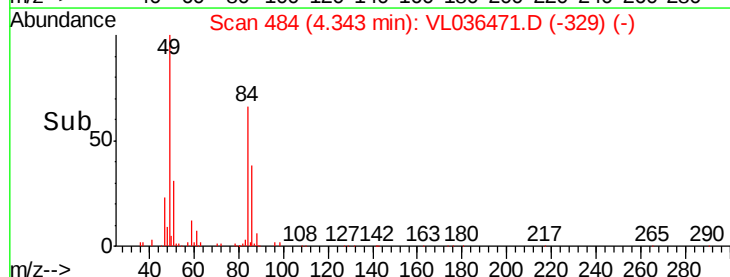
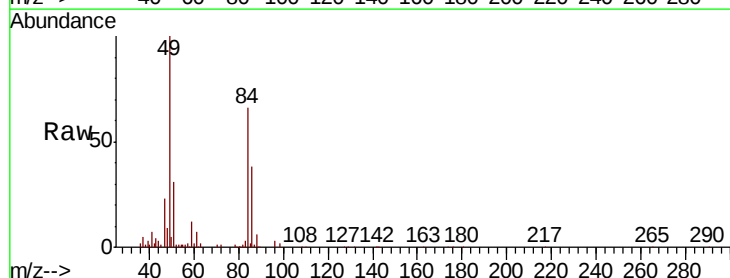
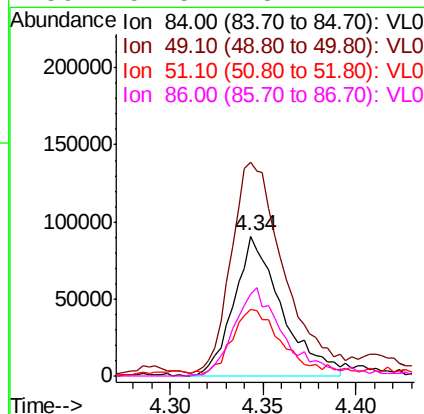
Ion Ratio Lower Upper

84 100

49 151.2 122.9 184.3

51 45.2 36.9 55.3

86 57.5 48.2 72.4





#21

Allvl Chloride

Concen: 2.461 ppbv

RT: 4.41 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 VSTDIC002

Tot Ion:

Ion Ratio

41 100

76 28.

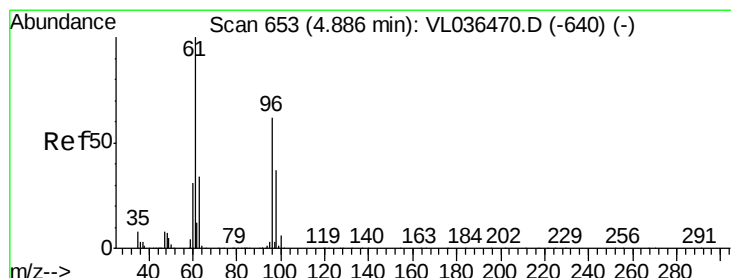
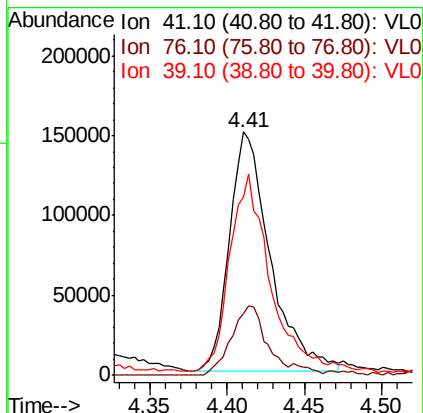
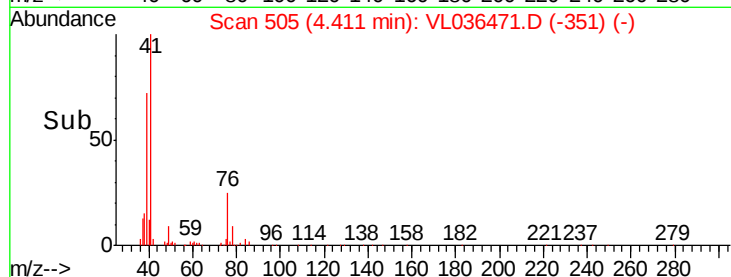
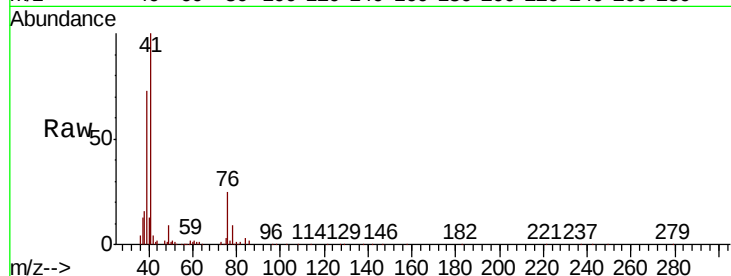
39 86.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#22

trans-1,2-Dichloroethene

Concen: 2.309 ppbv

RT: 4.89 min Scan# 654

Delta R.T. 0.00 min

Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

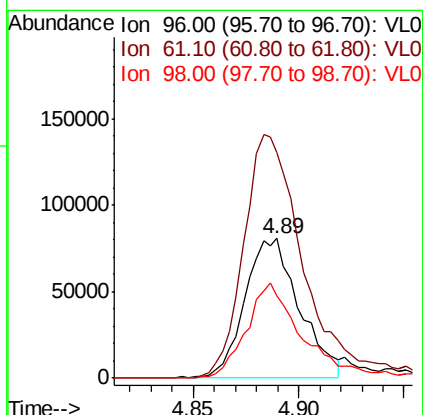
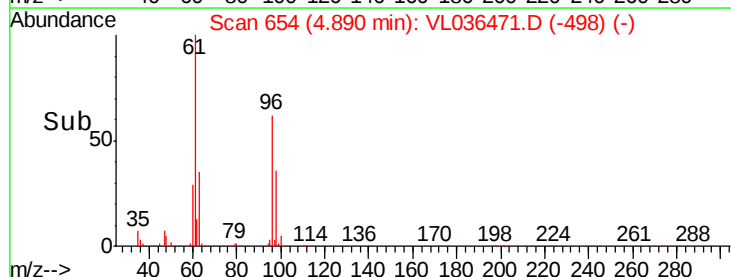
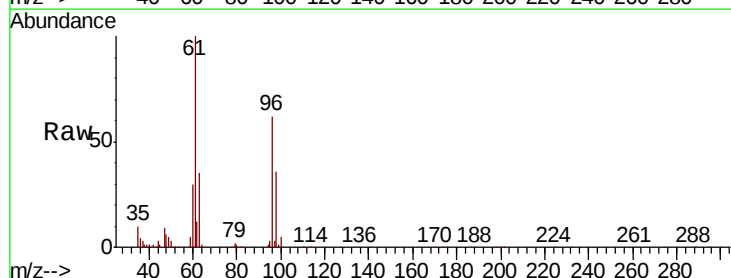
Tgt Ion: 96 Resp: 145362

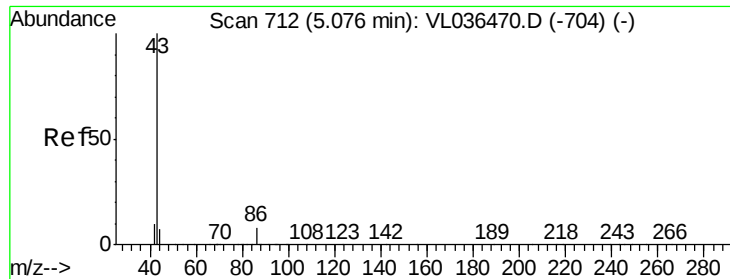
Ion Ratio Lower Upper

96 100

61 161.5 129.4 194.0

98 58.6 48.2 72.4





#23

Vinyl Acetate

Concen: 2.826 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VSTDIC002

Acq: 25 Mar 2021 2:42

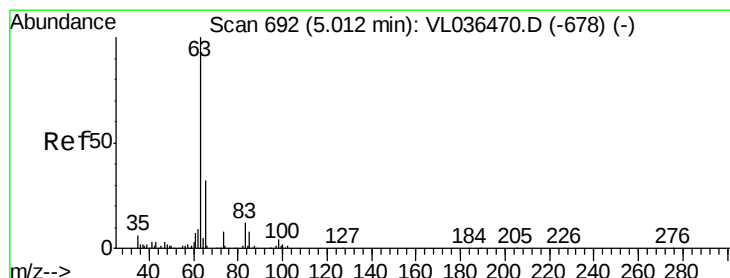
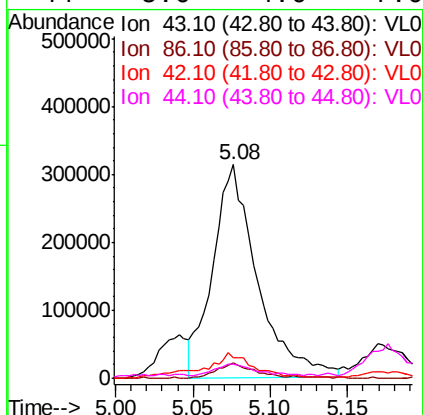
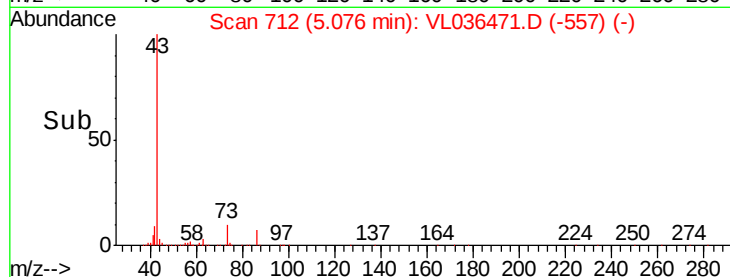
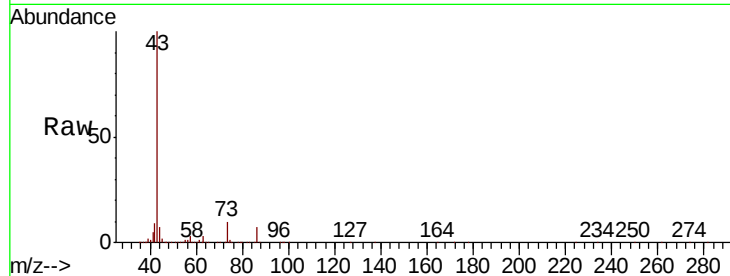
Tot Ion: 43.10 (42.80 to 43.80): VL0

Ion	Ratio
43	100
86	7.1
42	9.1
44	5.6

4.6 7.0

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Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#24

1,1-Dichloroethane

Concen: 2.426 ppbv

RT: 5.01 min Scan# 691

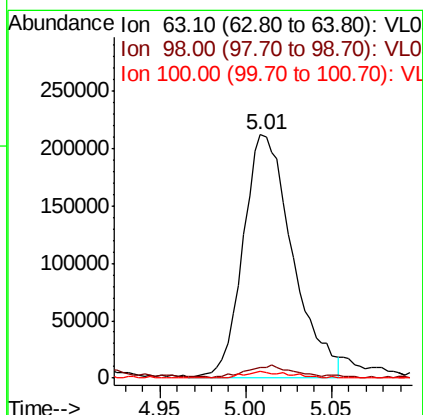
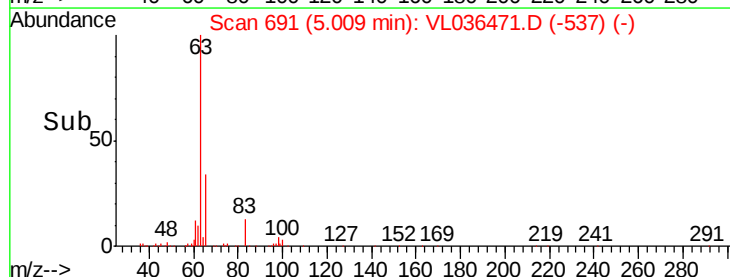
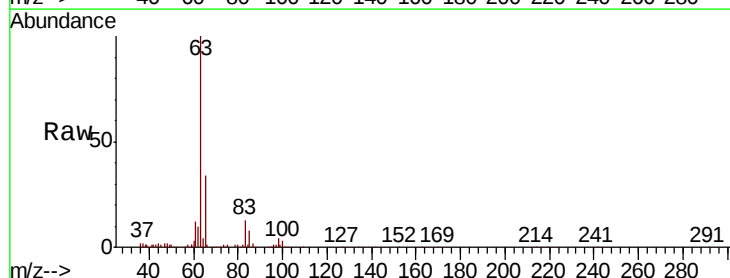
Delta R.T. -0.00 min

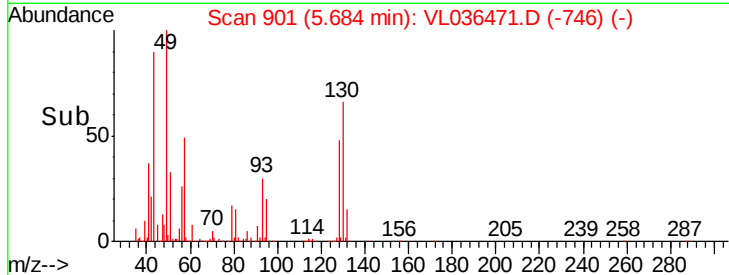
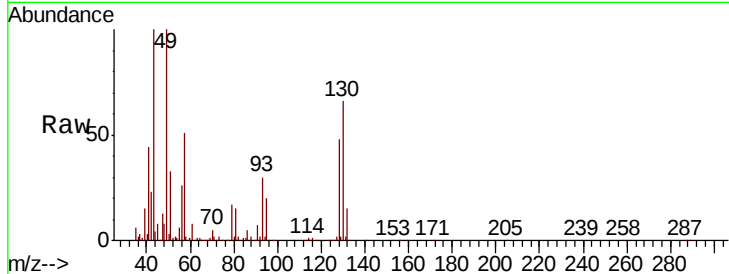
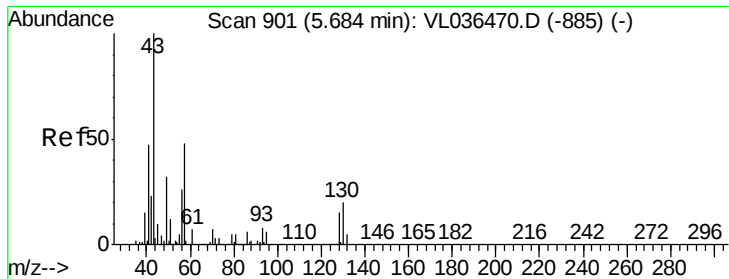
Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

Tgt Ion: 63 Resp: 421306

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.1	6.2
100	2.7	0.9	2.8



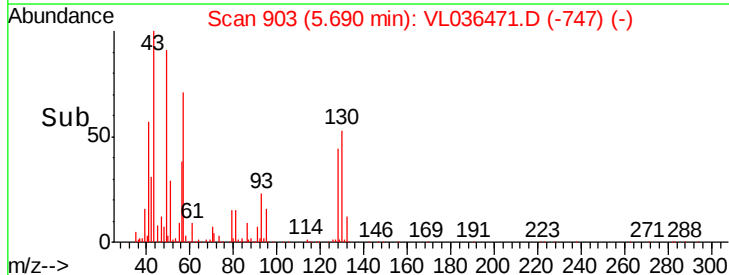
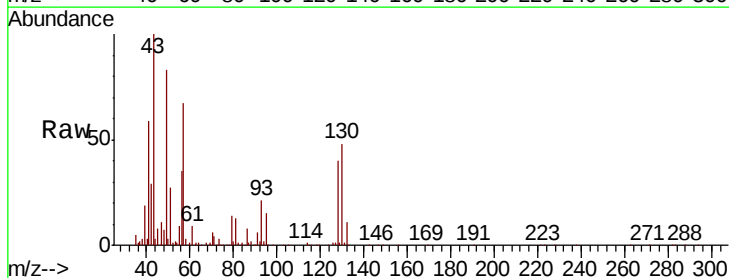
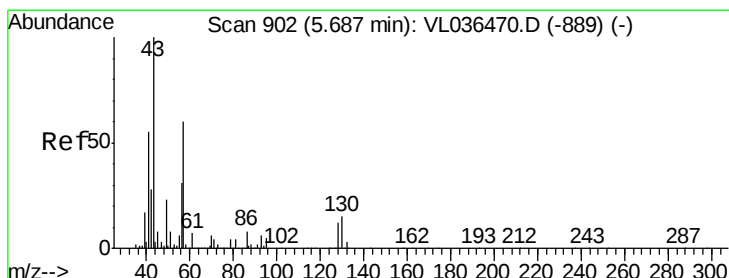
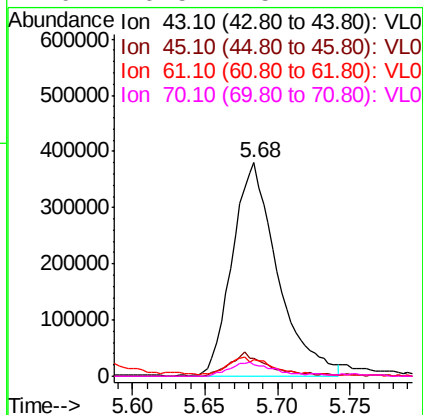


#25
Ethyl Acetate
Concen: 2.242 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:42

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 6.5 5.1 7.7

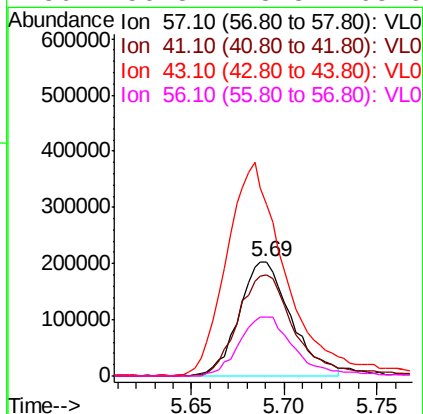
Manual Integrations
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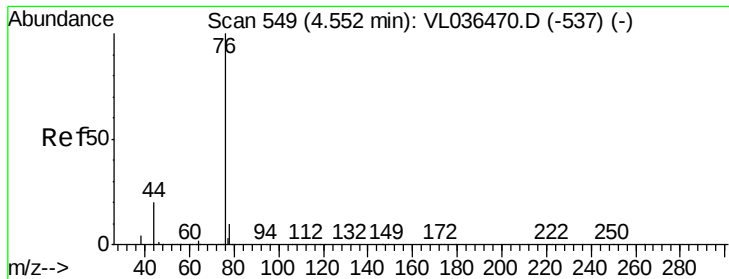
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#26
Hexane
Concen: 2.536 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.00 min
Lab File: VL036471.D
Acq: 25 Mar 2021 2:42

Tgt Ion: 57 Resp: 392648
Ion Ratio Lower Upper
57 100
41 100.8 77.3 115.9
43 221.0 174.8 262.2
56 56.8 43.8 65.6





#27

Carbon Disulfide

Concen: 2.549 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:42

Tot Ion:

Ion Ratio

76 100

44 23.

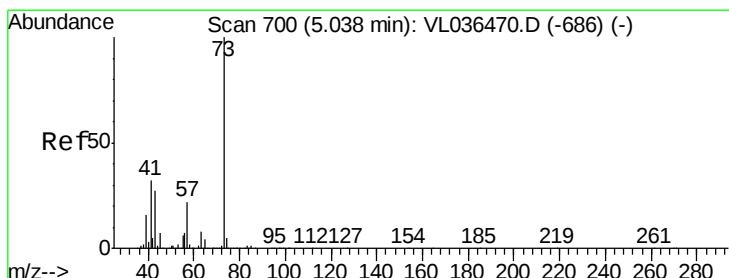
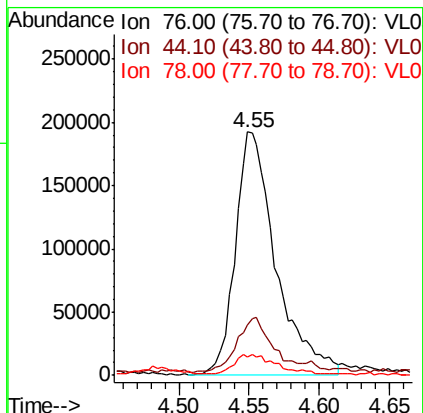
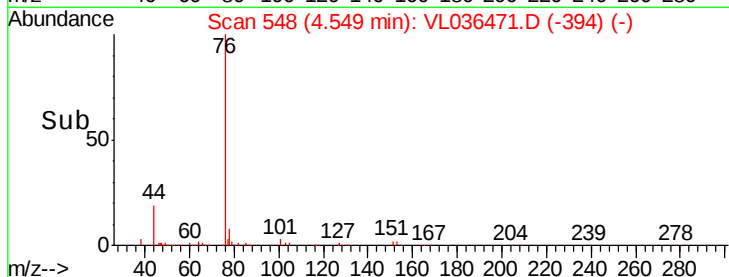
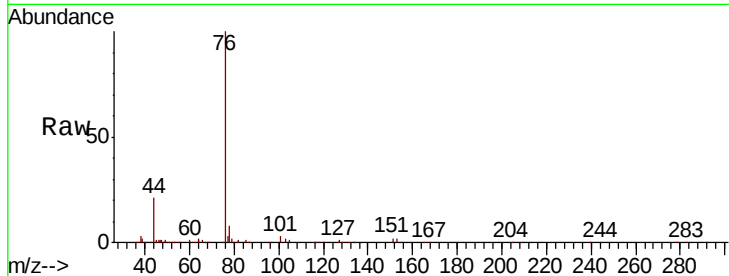
78 10.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#28

Methyl tert-Butyl Ether

Concen: 2.168 ppbv

RT: 5.04 min Scan# 700

Delta R.T. -0.00 min

Lab File: VL036471.D

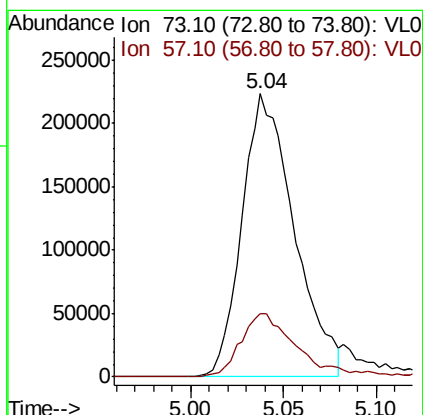
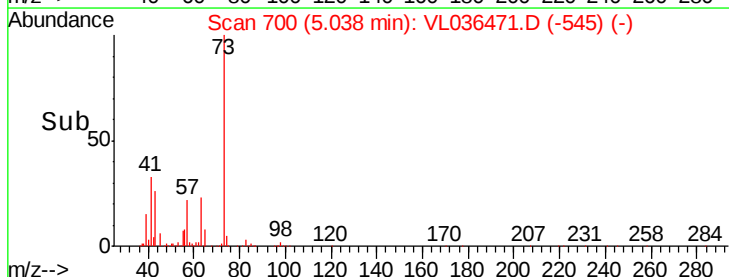
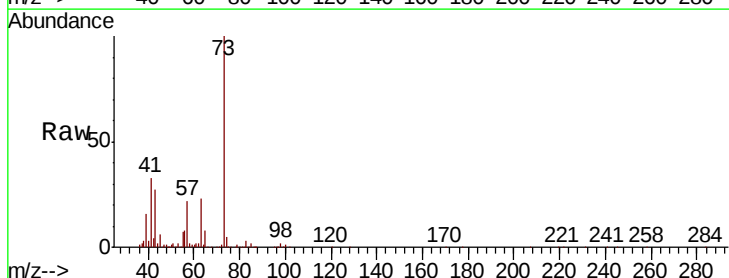
Acq: 25 Mar 2021 2:42

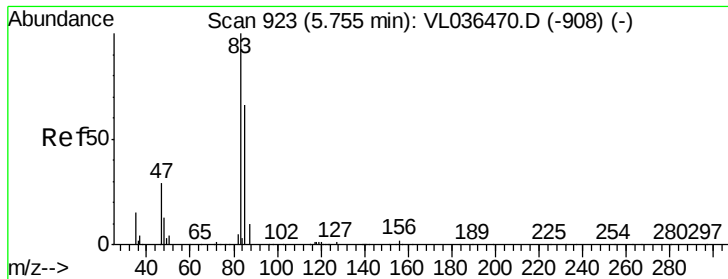
Tgt Ion: 73 Resp: 439147

Ion Ratio Lower Upper

73 100

57 24.5 18.6 27.8



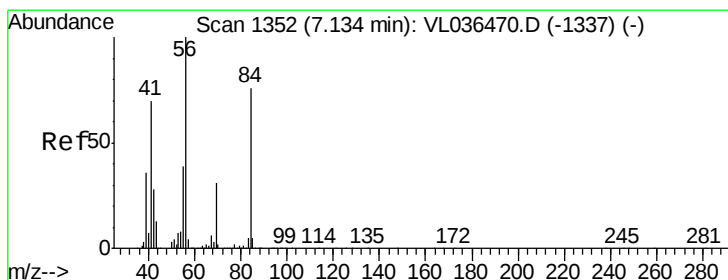
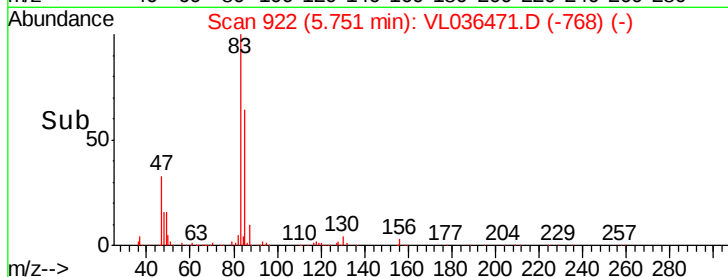
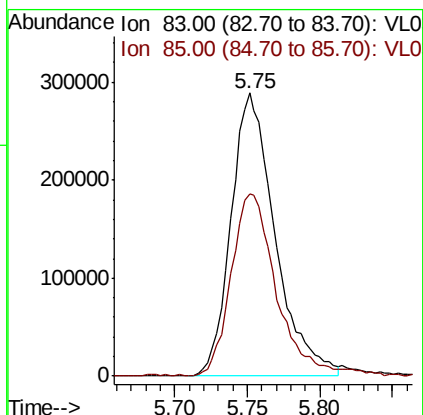
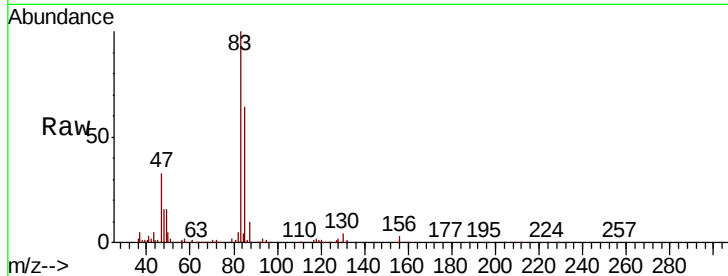


#29
Chloroform
Concen: 2.419 ppbv
RT: 5.75
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:42

Tot Ion:
Ion Ratio
83 100
85 64.

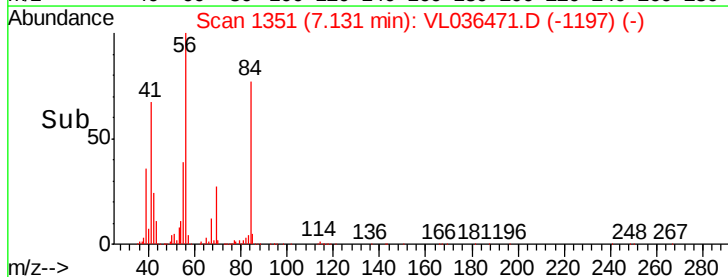
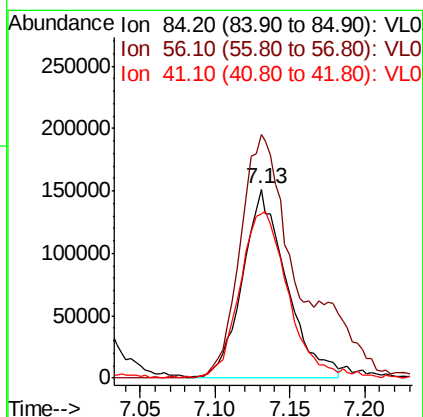
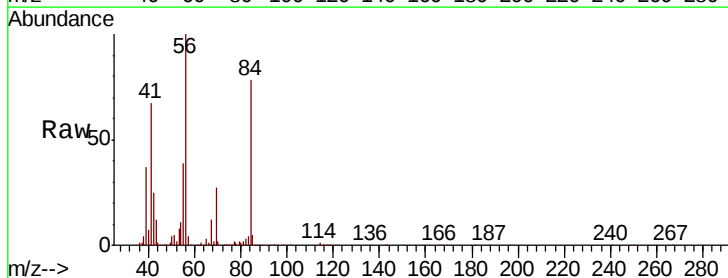
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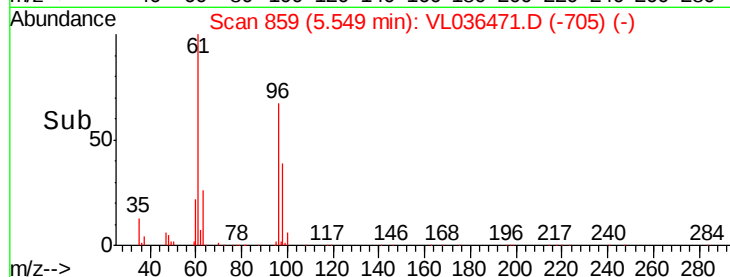
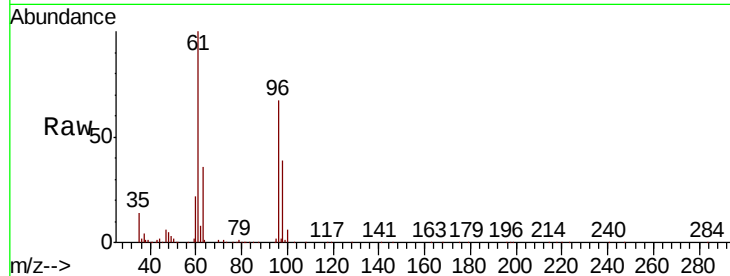
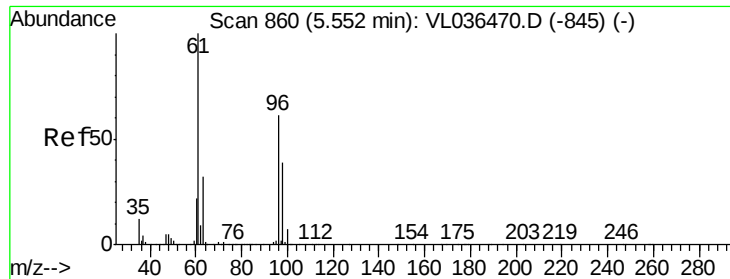
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#30
Cyclohexane
Concen: 2.407 ppbv
RT: 7.13 min Scan# 1351
Delta R.T.: -0.00 min
Lab File: VL036471.D
Acq: 25 Mar 2021 2:42

Tgt Ion: 84 Resp: 308186
Ion Ratio Lower Upper
84 100
56 176.3 114.6 171.8#
41 98.1 75.3 112.9



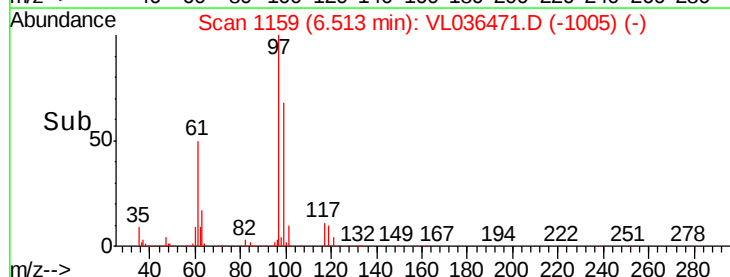
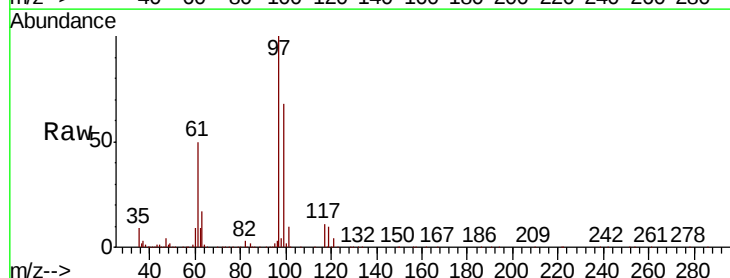
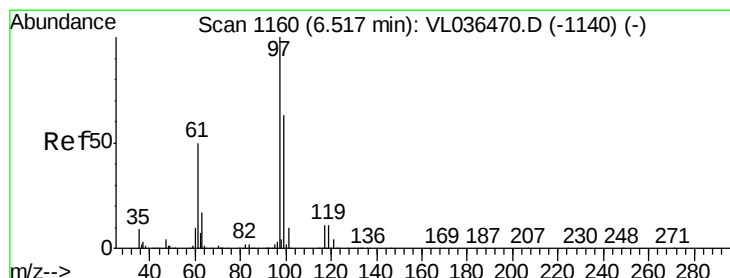
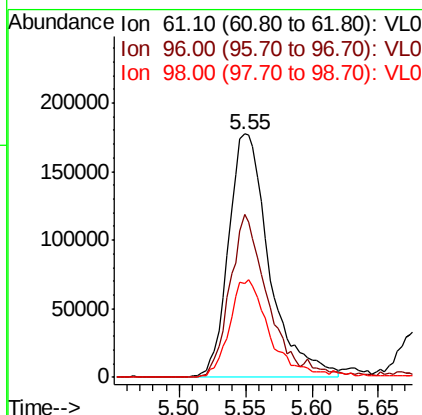


#31
 cis-1,2-Dichloroethene
 Concen: 2.535 ppbv
 RT: 5.55
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 2:42

Tot Ion:
 Ion Ratio
 61 100
 96 66.
 98 38.

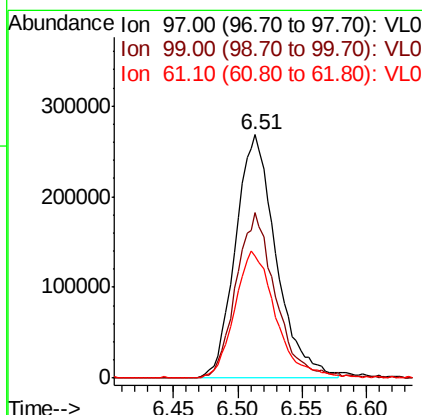
Manual Integrations
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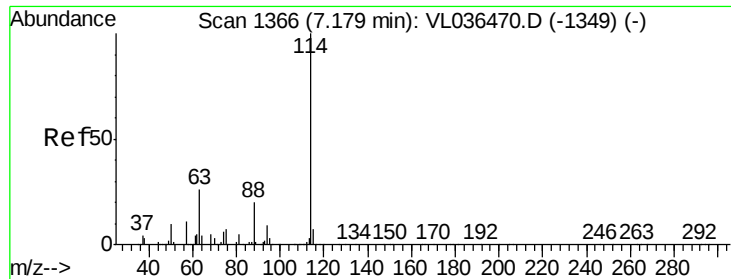
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#32
 1,1,1-Trichloroethane
 Concen: 2.341 ppbv
 RT: 6.51 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: VL036471.D
 Acq: 25 Mar 2021 2:42

Tgt Ion: 97 Resp: 588934
 Ion Ratio Lower Upper
 97 100
 99 66.7 51.4 77.0
 61 53.4 40.6 60.8



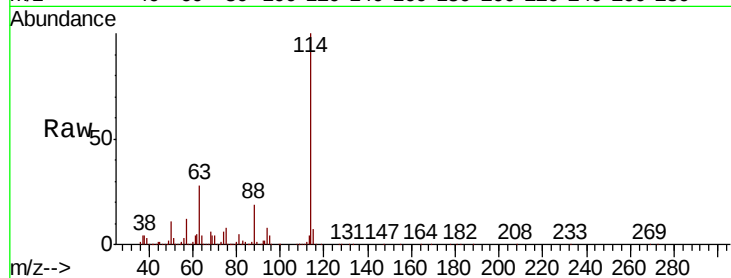


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC002
 Acq: 25 Mar 2021 2:42

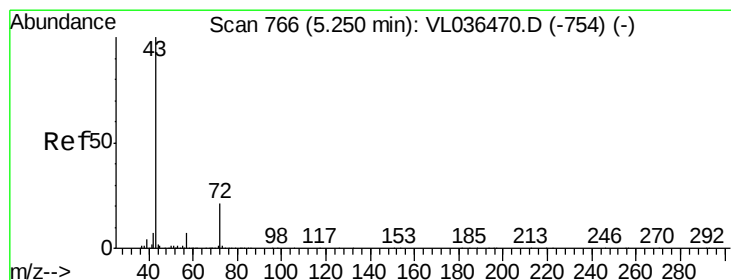
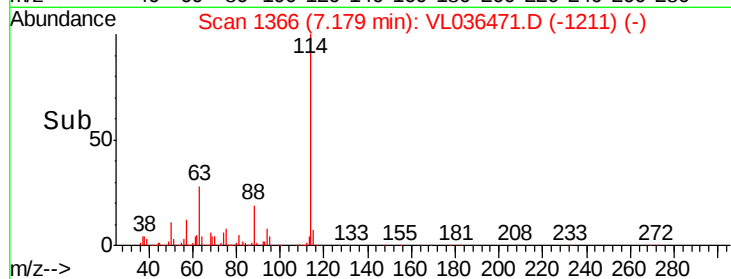
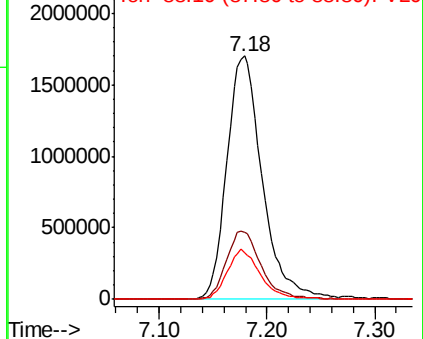
Tot Ion: 1
 Ion Ratio
 114 100
 63 28.
 88 19.

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 Supervised By :Mahesh Dadoda 03/29/2021

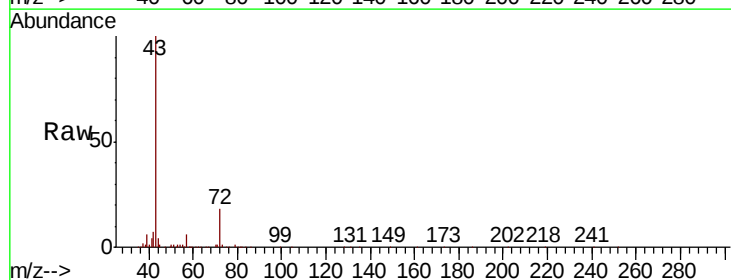


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

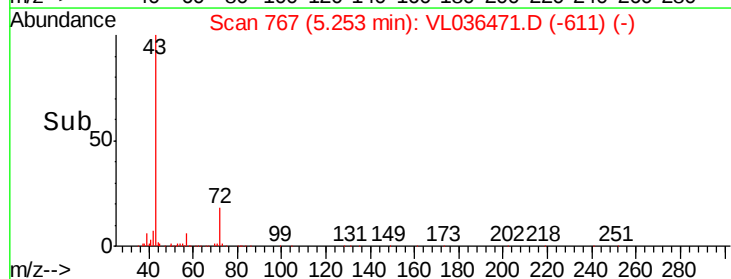
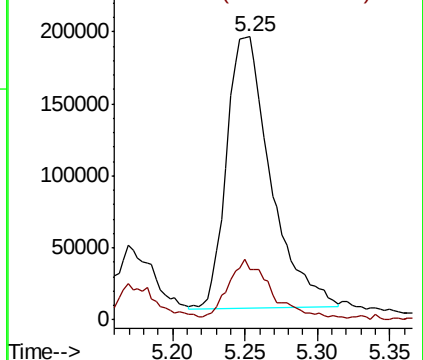


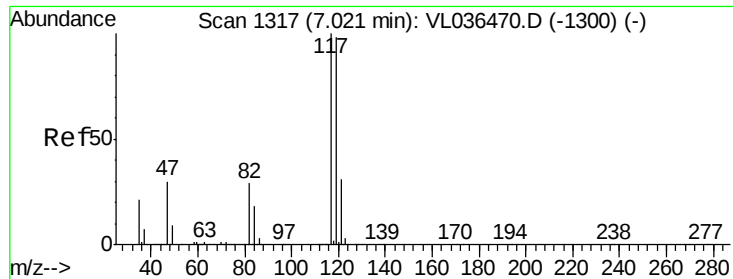
#34
 2-Butanone
 Concen: 1.742 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T.: 0.00 min
 Lab File: VL036471.D
 Acq: 25 Mar 2021 2:42

Tgt Ion: 43 Resp: 397490
 Ion Ratio Lower Upper
 43 100
 72 22.9 17.0 25.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



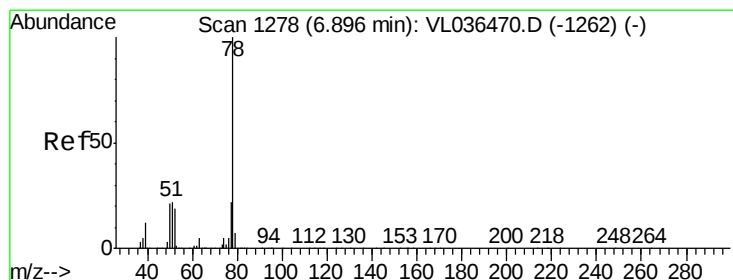
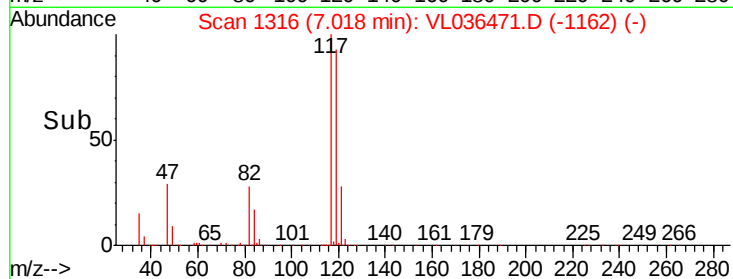
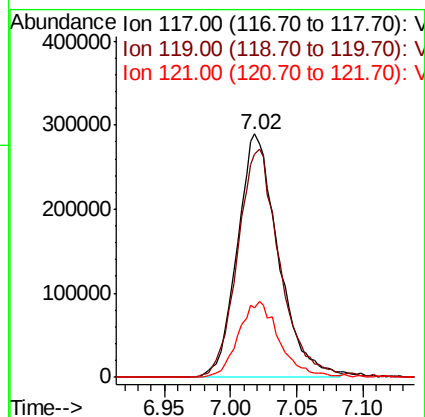
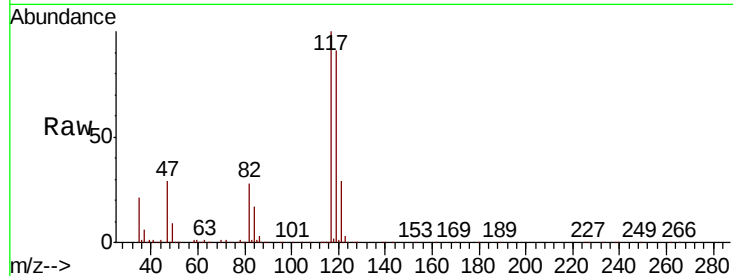


#35
Carbon Tetrachloride
Concen: 2.421 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 2:42

Tot Ion:1
Ion Rati
117 100
119 91.
121 28.

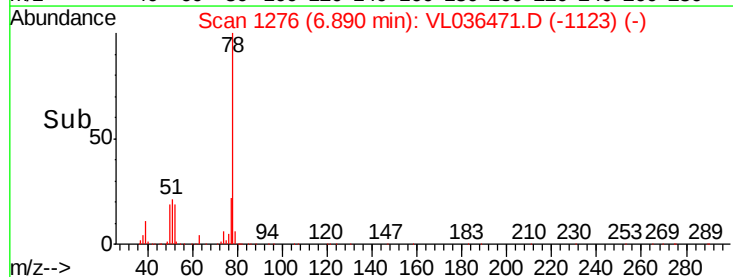
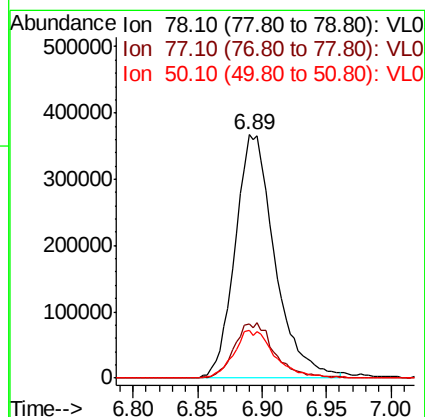
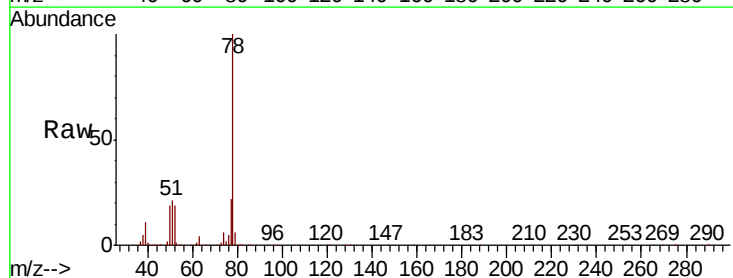
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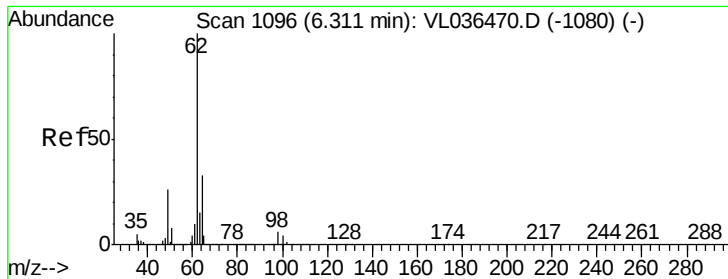
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#36
Benzene
Concen: 2.530 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL036471.D
Acq: 25 Mar 2021 2:42

Tgt Ion: 78 Resp: 787411
Ion Ratio Lower Upper
78 100
77 22.4 18.0 27.0
50 19.3 16.5 24.7



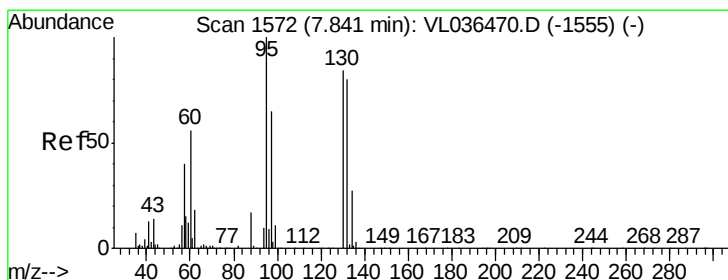
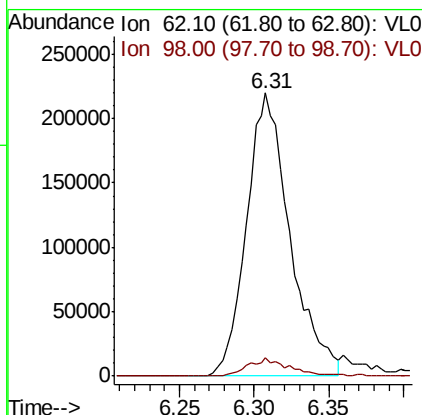
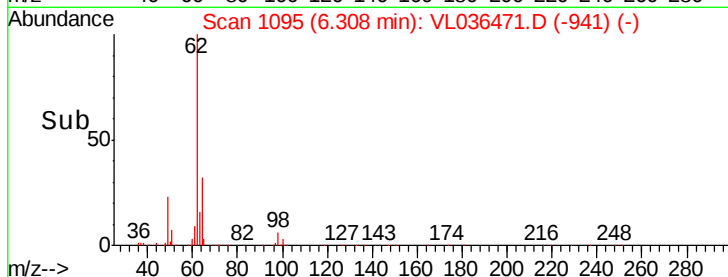
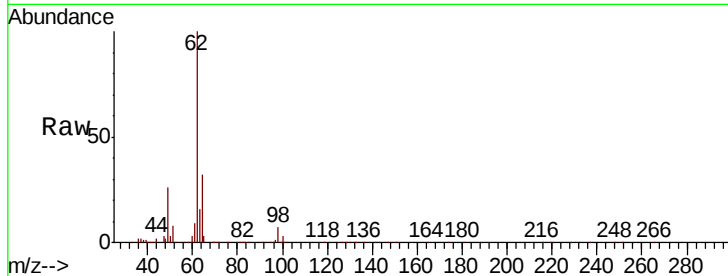


#37
 1,2-Dichloroethane
 Concen: 2.286 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 25 Mar 2021 2:42

Tot Ion:
 Ion Ratio
 62 100
 98 6.

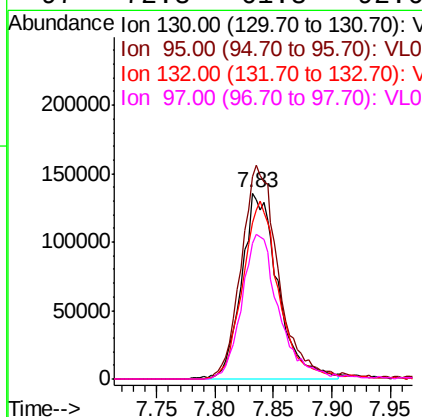
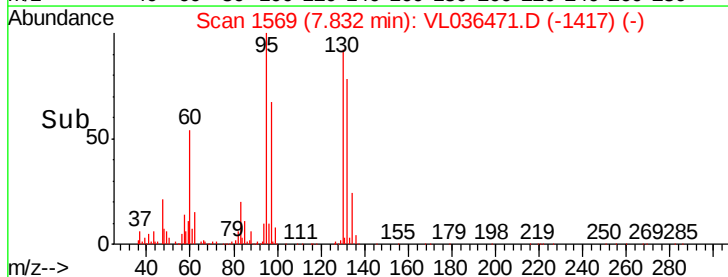
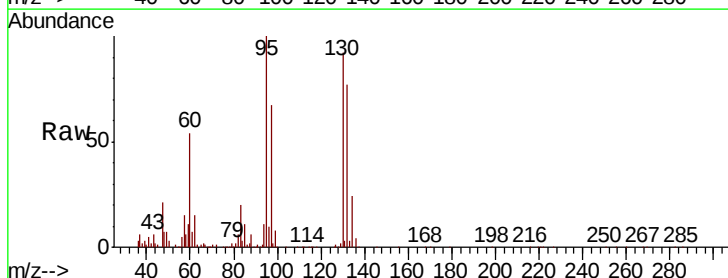
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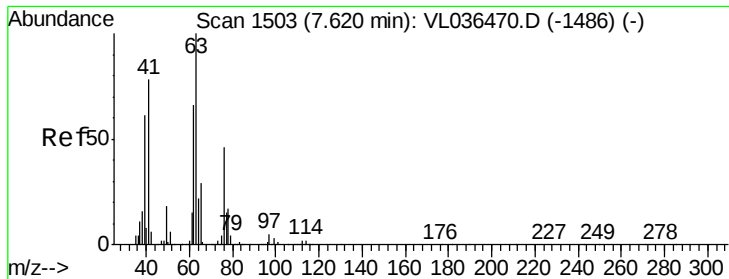
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#38
 Trichloroethene
 Concen: 2.525 ppbv m
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL036471.D
 Acq: 25 Mar 2021 2:42

Tgt Ion:130 Resp: 294964
 Ion Ratio Lower Upper
 130 100
 95 108.6 95.7 143.5
 132 84.0 76.2 114.4
 97 72.8 61.8 92.6





#39

1,2-Dichloropropane

Concen: 2.400 ppbv

RT: 7.61 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:42

Tot Ion:

Ion Ratio

63 100

41 79.

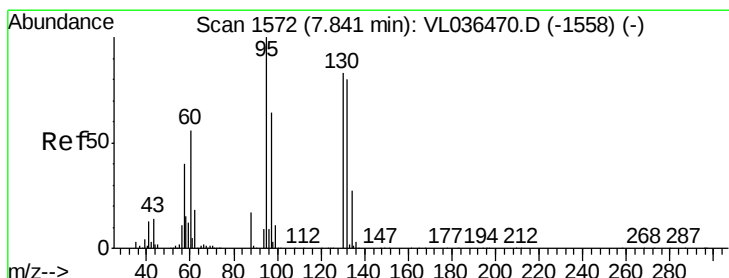
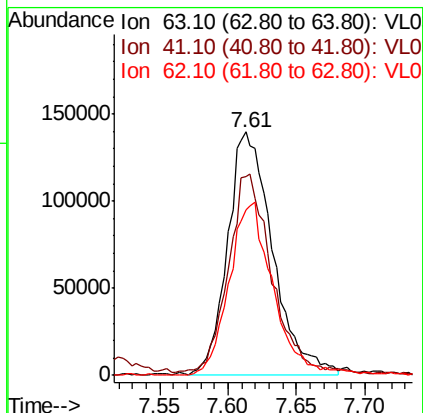
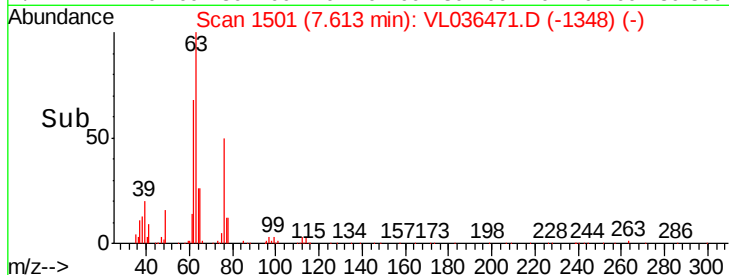
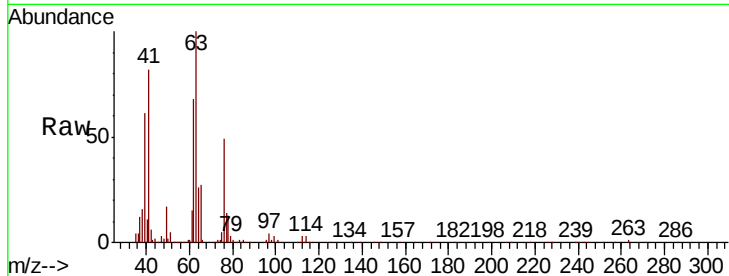
62 67.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#40

1,4-Dioxane

Concen: 1.700 ppbv m

RT: 7.86 min Scan# 1577

Delta R.T. 0.02 min

Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

Tgt Ion: 88 Resp: 69026

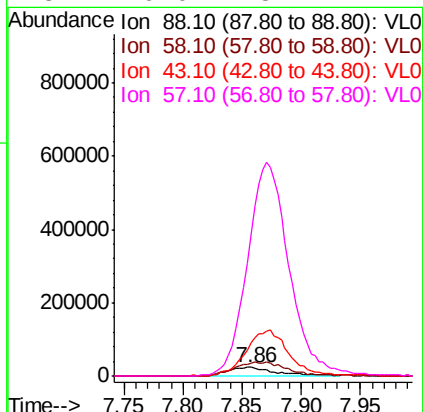
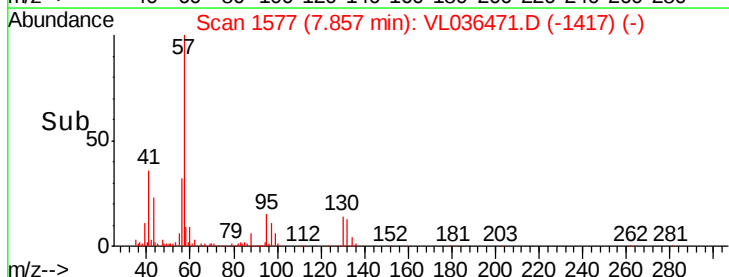
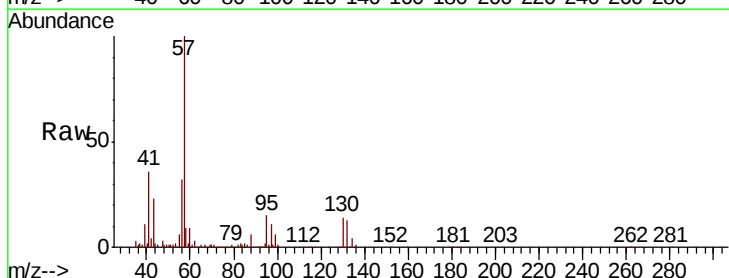
Ion Ratio Lower Upper

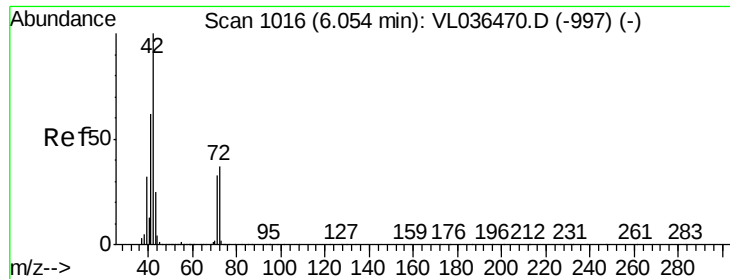
88 100

58 0.0 135.3 202.9#

43 0.0 347.4 521.0#

57 0.0 1481.4 2222.0#





#41

Tetrahydrofuran

Concen: 1.558 ppbv m

RT: 6.06 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 VSTDIC002

Tot Ion:

Ion Ratio

42 100

72 34.

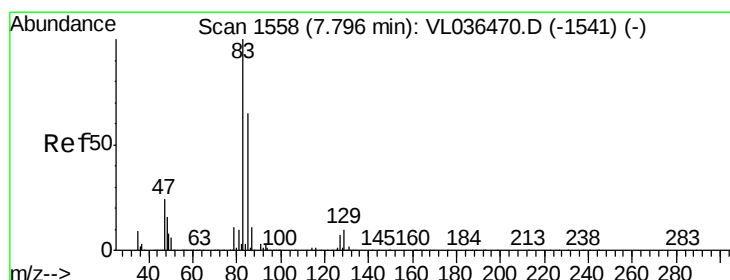
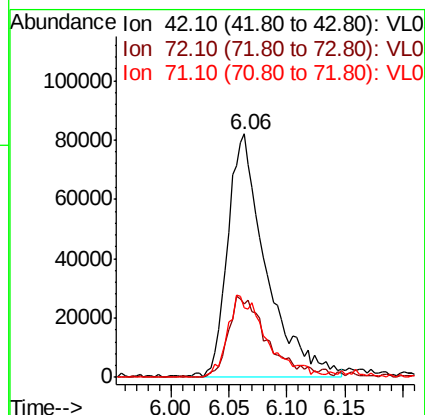
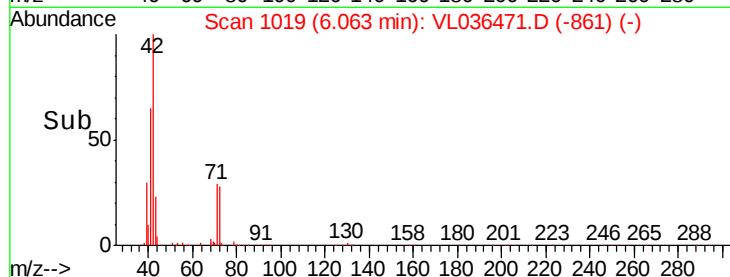
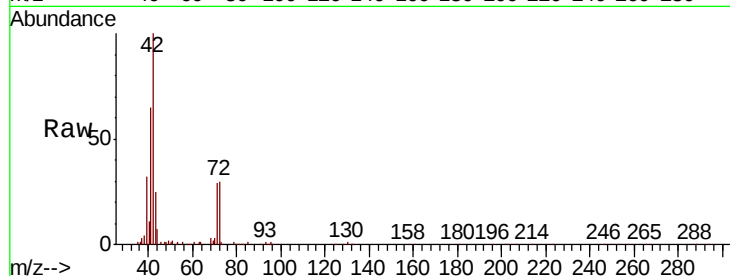
71 34.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#42

Bromodichloromethane

Concen: 2.375 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

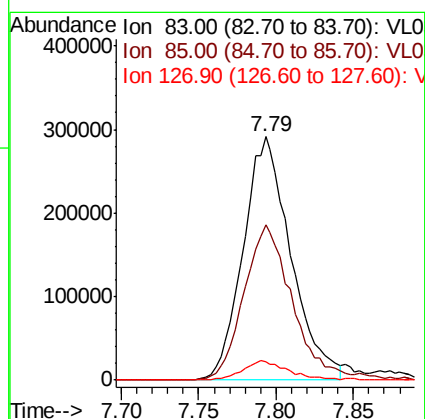
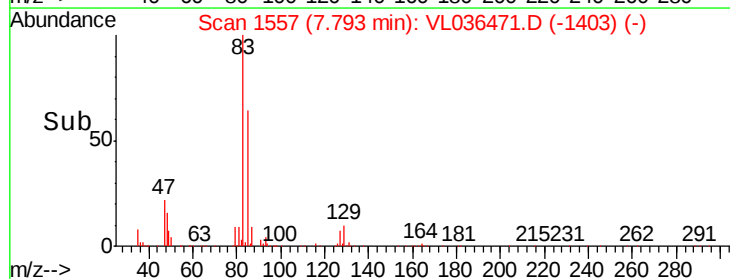
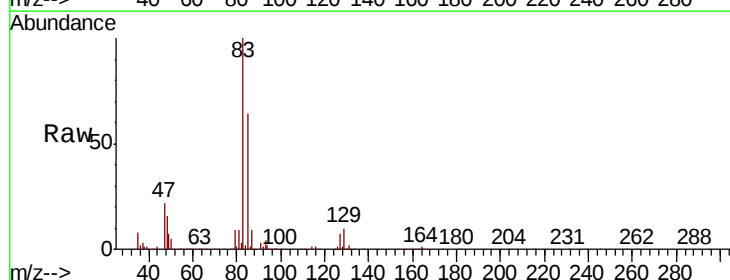
Tgt Ion: 83 Resp: 624209

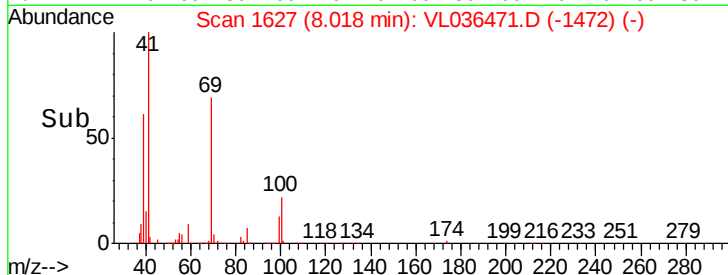
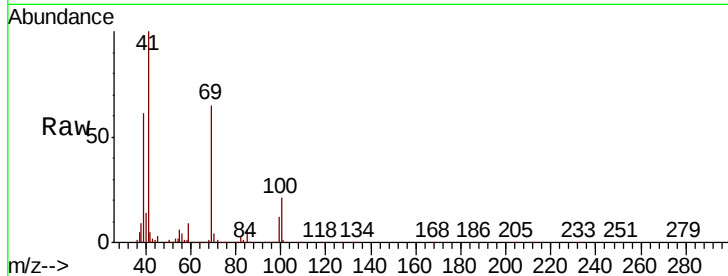
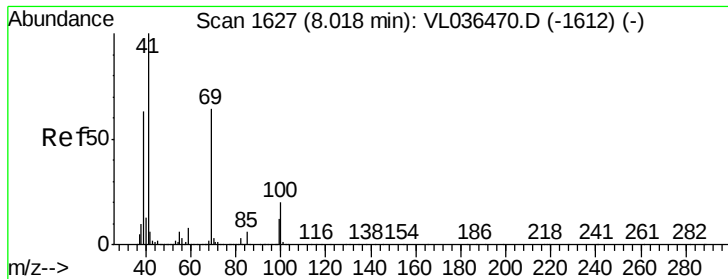
Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.6

127 7.5 5.8 8.8





#43

Methyl Methacrylate

Concen: 2.145 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id:

Lab File: VSTDIC002

Acq: 25 Mar 2021 2:42

Tot Ion:

Ion Ratio

69 100

41 163.

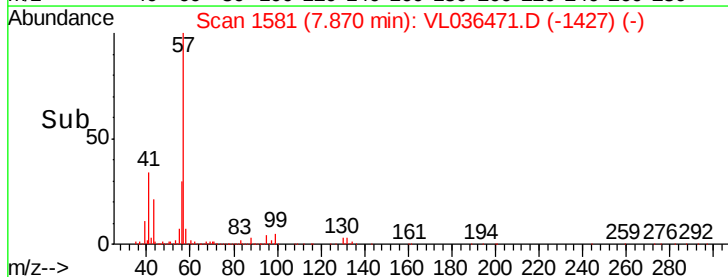
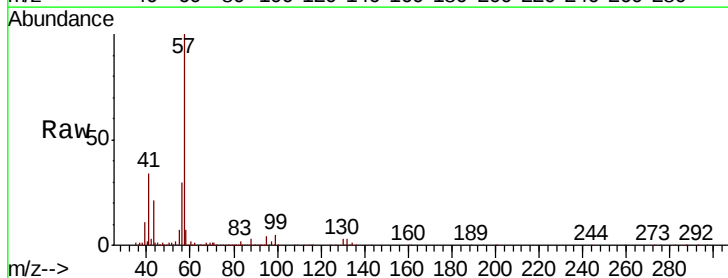
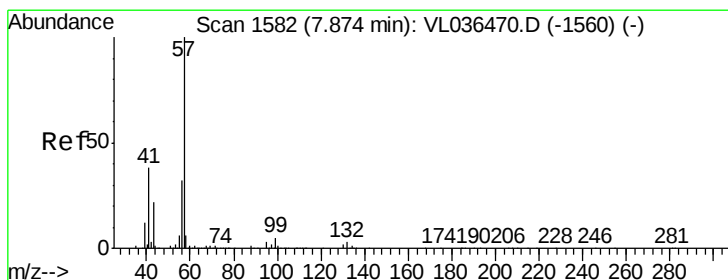
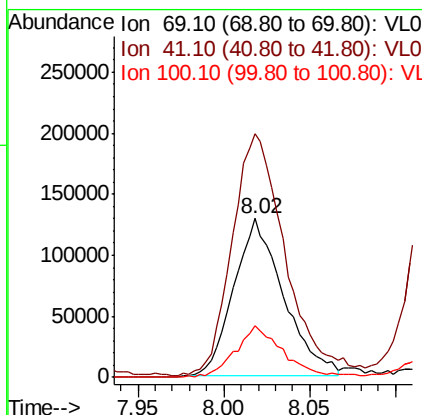
100 31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#44

2,2,4-Trimethylpentane

Concen: 2.545 ppbv

RT: 7.87 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

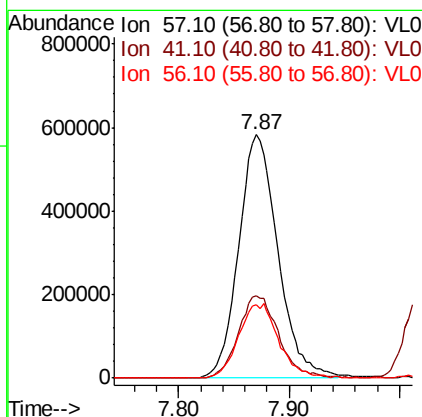
Tgt Ion: 57 Resp: 1434989

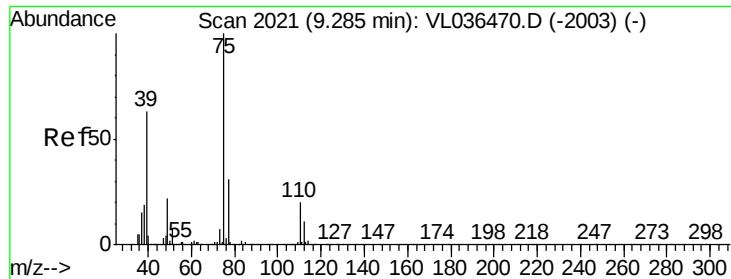
Ion Ratio Lower Upper

57 100

41 34.5 28.8 43.2

56 31.6 26.1 39.1





#45

t-1,3-Dichloropropene

Concen: 2.401 ppbv

RT: 9.28 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:42

Tot Ion:

Ion Ratio

75 100

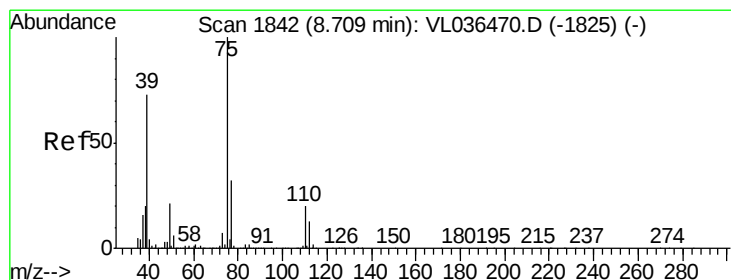
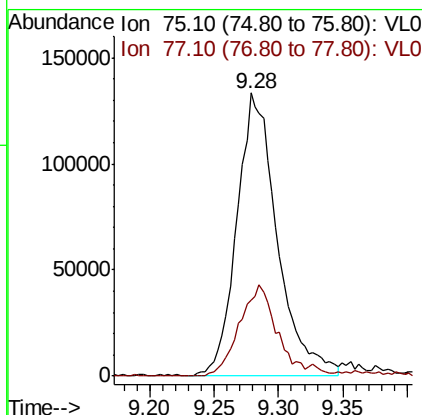
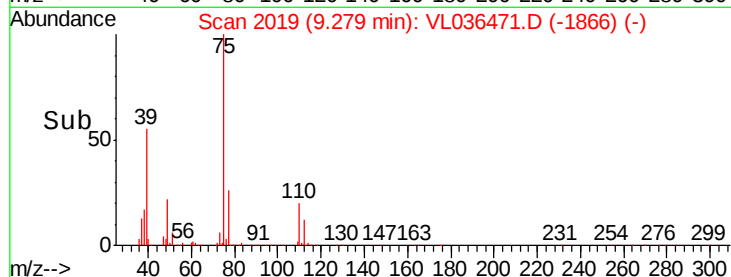
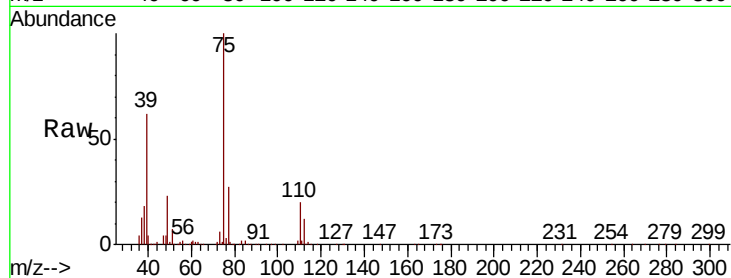
77 26.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#46

cis-1,3-Dichloropropene

Concen: 2.388 ppbv m

RT: 8.70 min Scan# 1840

Delta R.T. -0.01 min

Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

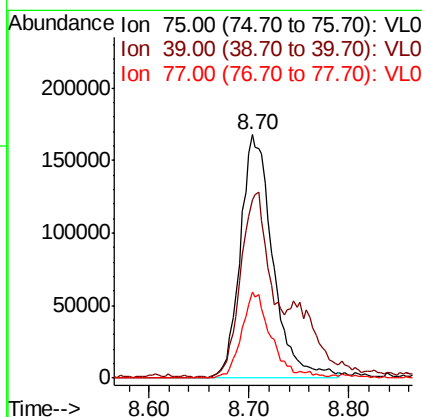
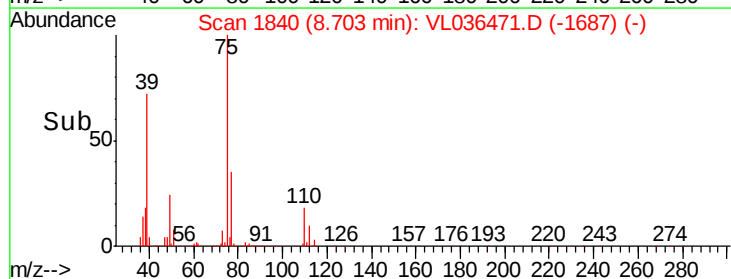
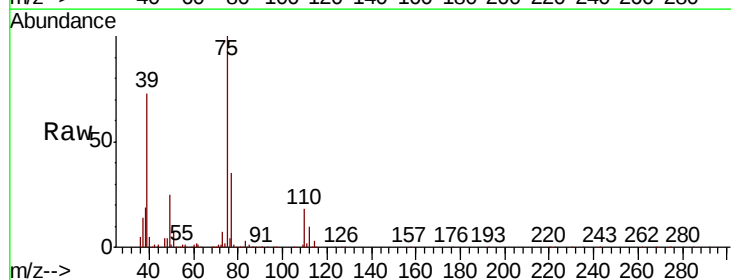
Tgt Ion: 75 Resp: 379386

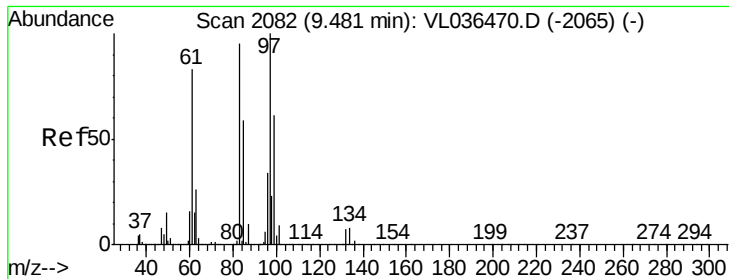
Ion Ratio Lower Upper

75 100

39 73.3 58.2 87.2

77 35.4 25.2 37.8



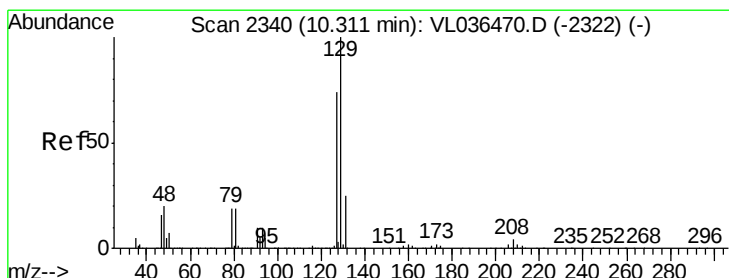
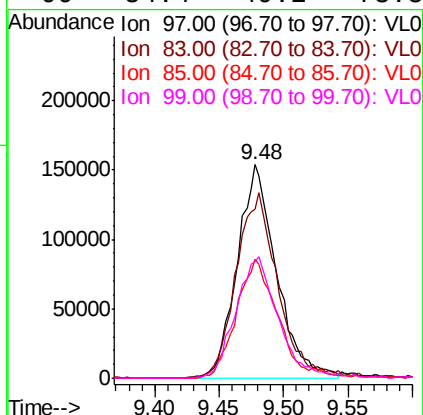
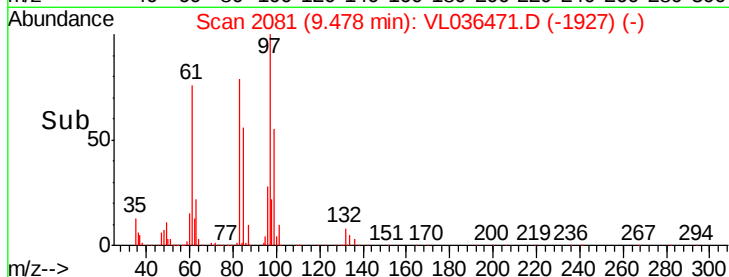
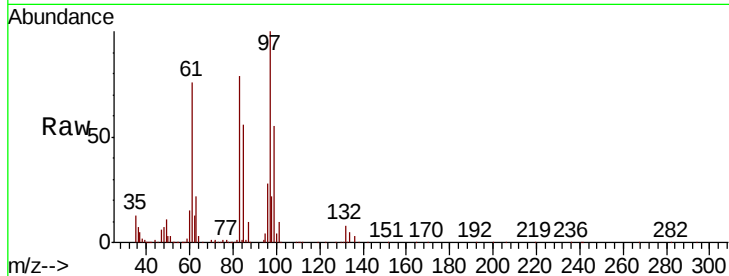


#47
 1,1,2-Trichloroethane
 Concen: 2.476 ppbv
 RT: 9.48 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 2:42

Tot Ion:
 Ion Ratio
 97 100
 83 78.
 85 55.
 99 54.4 49.2 73.8

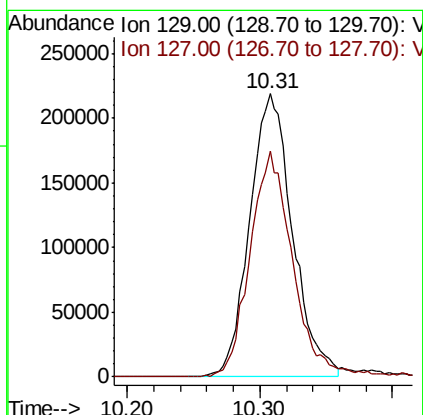
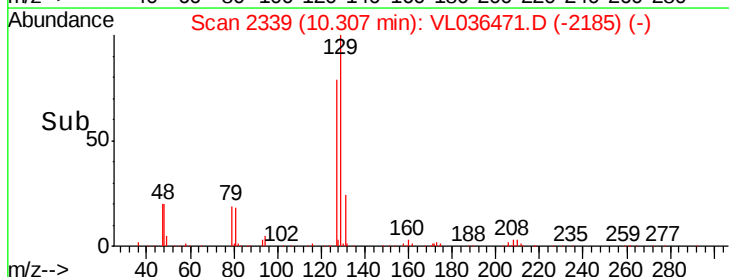
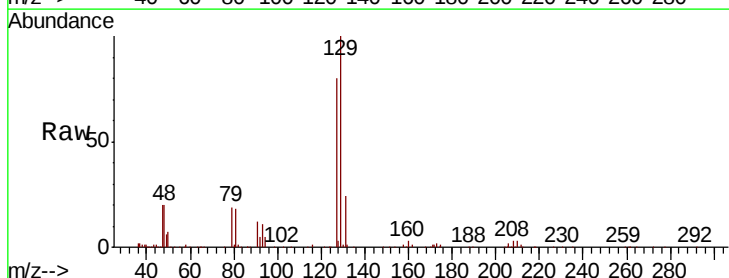
Manual Integrations
 APPROVED

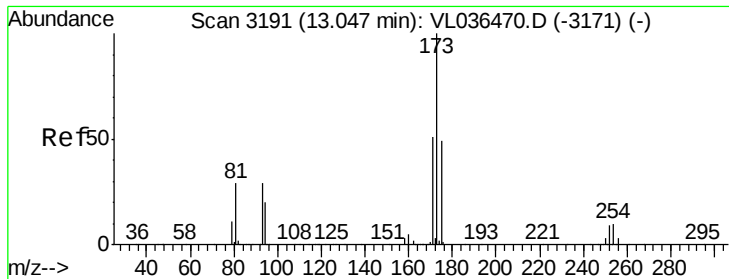
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#48
 Dibromochloromethane
 Concen: 2.467 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T. -0.00 min
 Lab File: VL036471.D
 Acq: 25 Mar 2021 2:42

Tgt Ion:129 Resp: 492261
 Ion Ratio Lower Upper
 129 100
 127 79.1 39.6 118.8





#49

Bromoform

Concen: 2.422 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 VSTDIC002

Tot Ion:1

Ion Ratio

173 100

175 50.

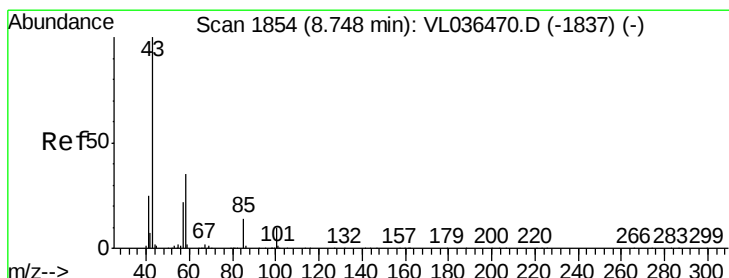
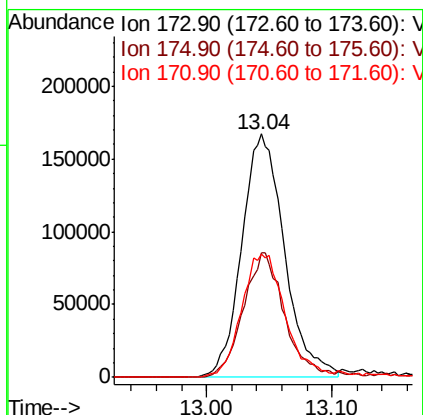
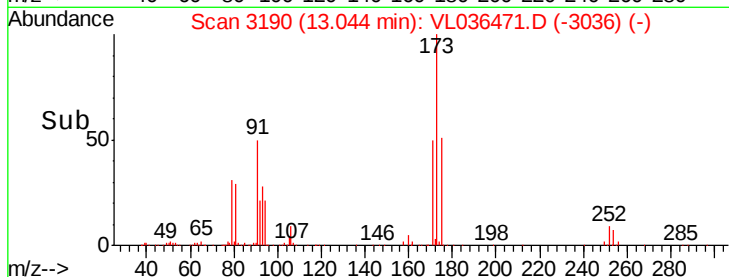
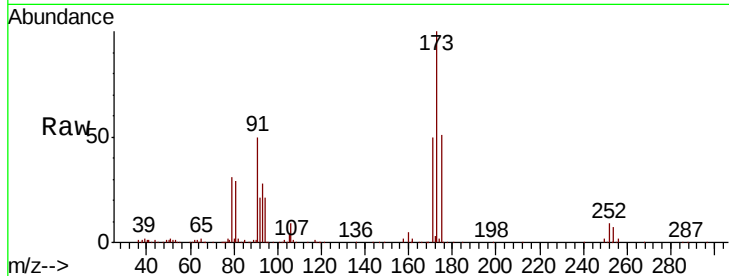
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#50

4-Methyl-2-Pentanone

Concen: 1.850 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VL036471.D

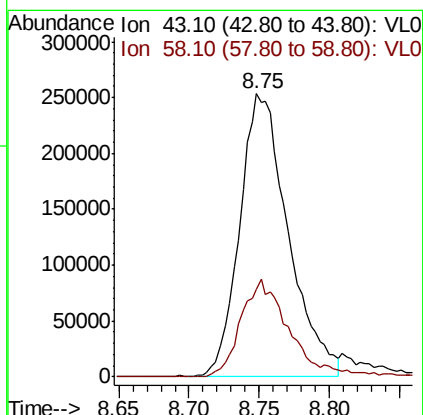
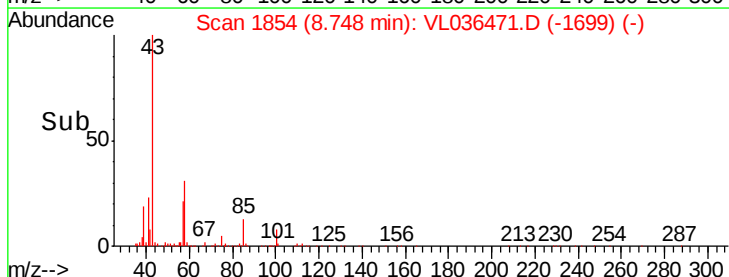
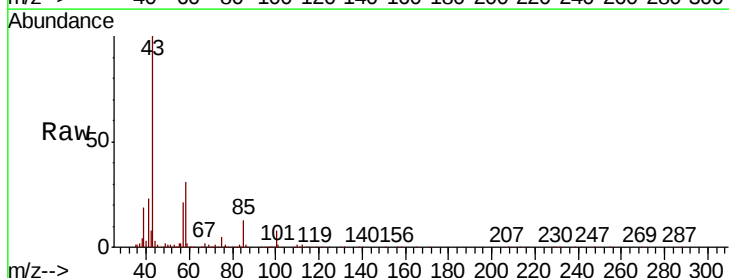
Acq: 25 Mar 2021 2:42

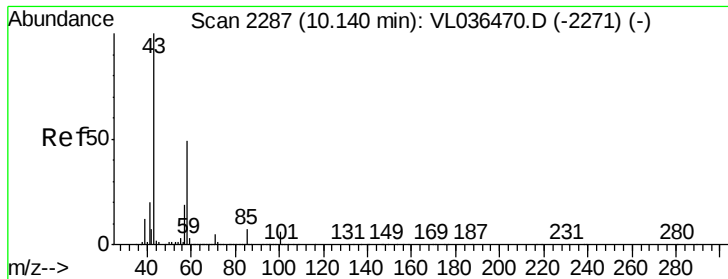
Tgt Ion: 43 Resp: 608009

Ion Ratio Lower Upper

43 100

58 34.9 28.1 42.1





#51

2-Hexanone

Concen: 1.320 ppbv

RT: 10.15

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 25 Mar 2021 2:42

Tot Ion:

Ion Ratio

43 100

58 48.

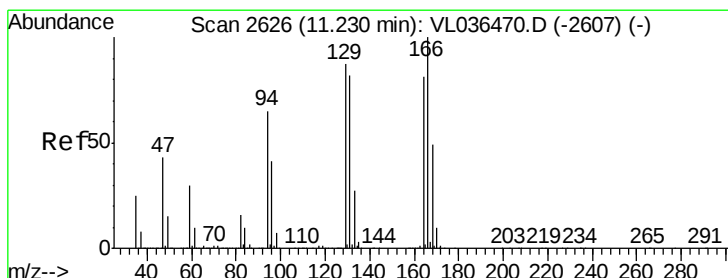
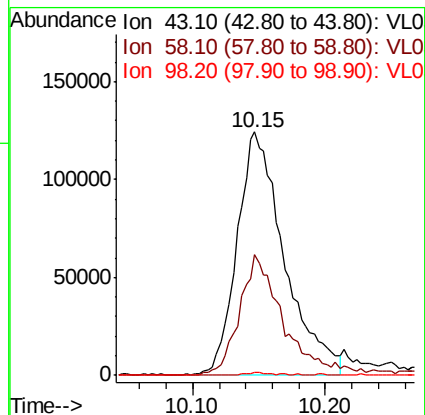
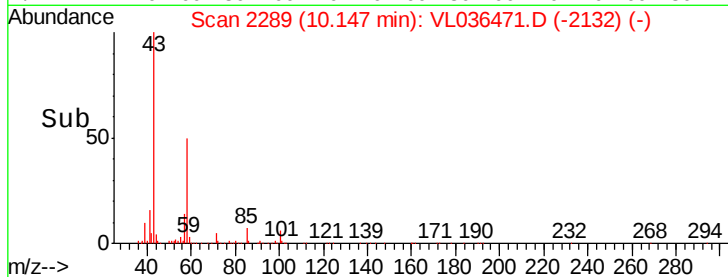
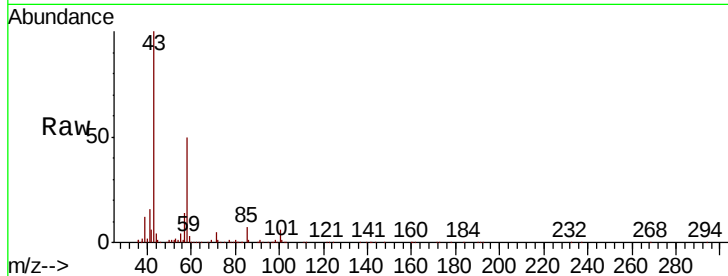
98 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#52

Tetrachloroethene

Concen: 2.365 ppbv

RT: 11.23 min Scan# 2625

Delta R.T. -0.00 min

Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

Tgt Ion:164 Resp: 274329

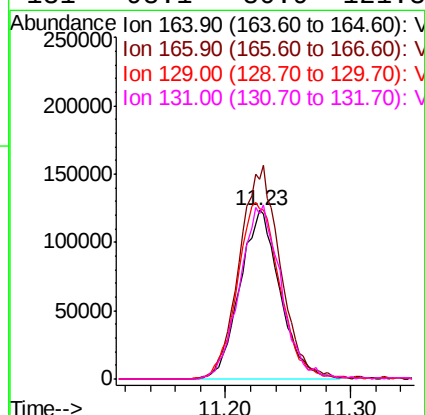
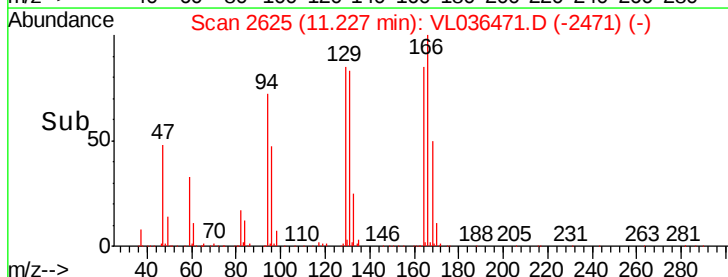
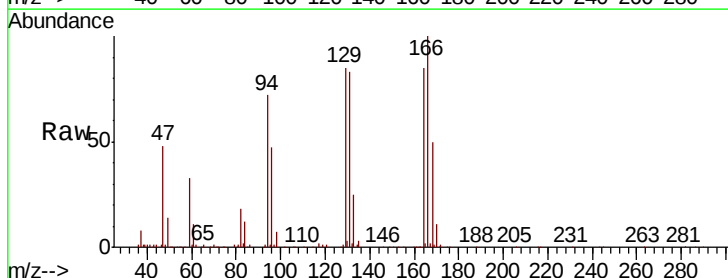
Ion Ratio Lower Upper

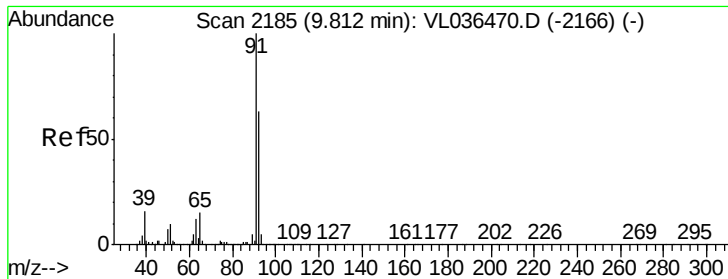
164 100

166 118.3 98.3 147.5

129 100.8 85.8 128.8

131 98.1 80.9 121.3





#53

Toluene

Concen: 2.562 ppbv

RT: 9.81 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:42 VSTDIC002

Tot Ion:

Ion Ratio

91 100

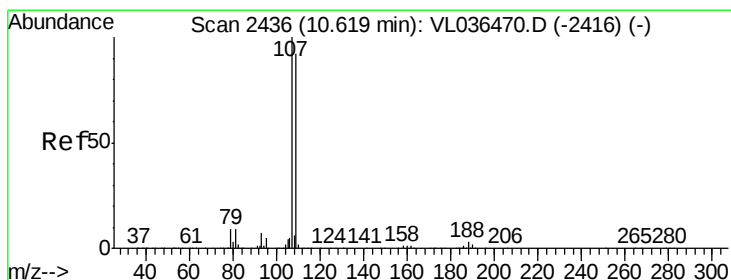
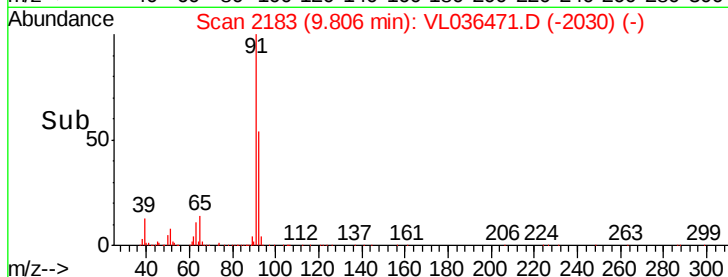
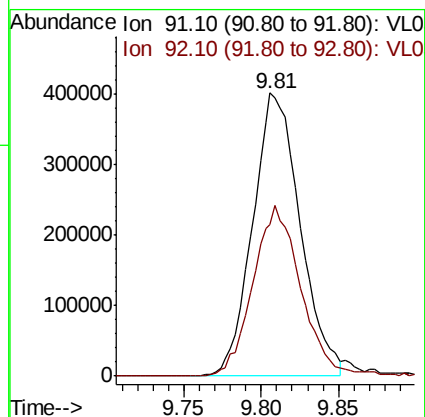
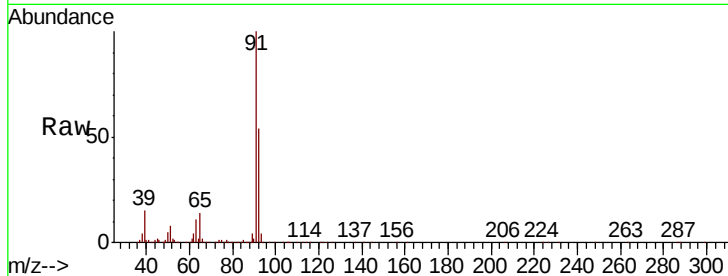
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#54

1,2-Dibromoethane

Concen: 2.395 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.01 min

Lab File: VL036471.D

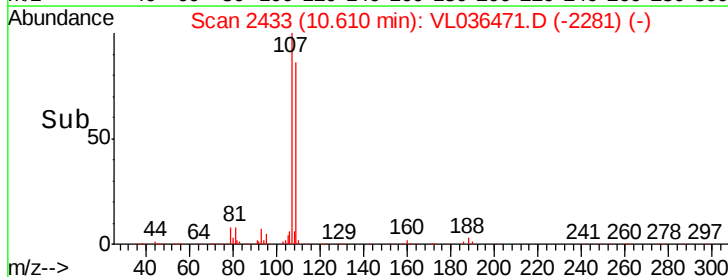
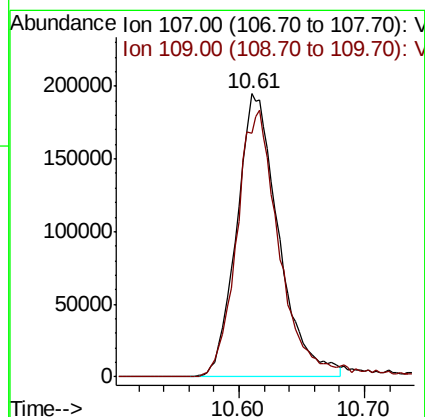
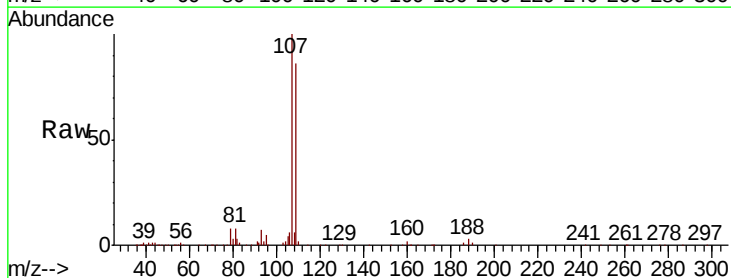
Acq: 25 Mar 2021 2:42

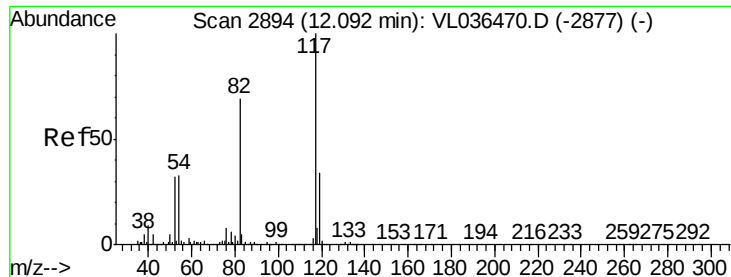
Tgt Ion:107 Resp: 452708

Ion Ratio Lower Upper

107 100

109 86.3 73.9 110.9



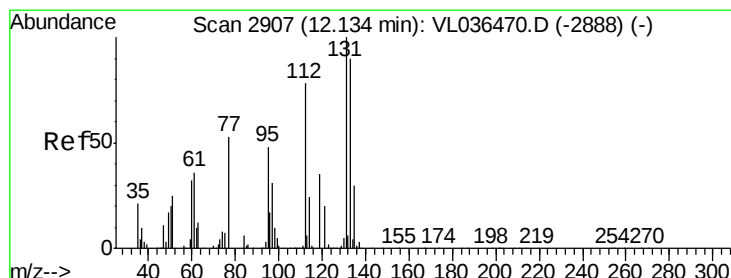
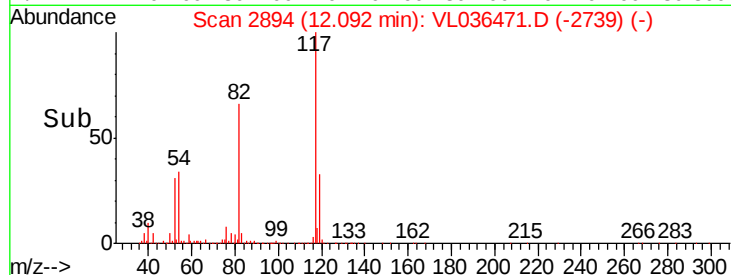
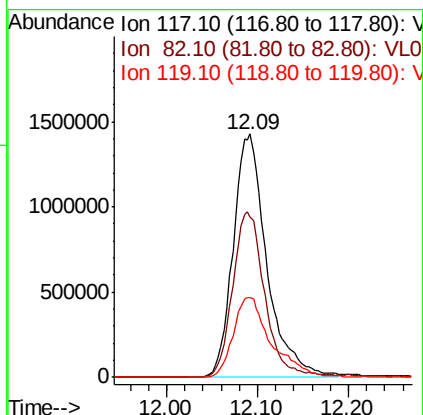
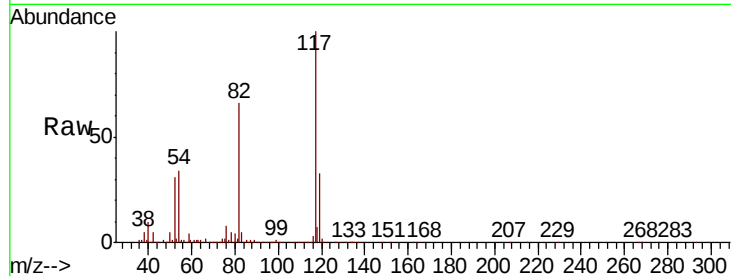


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 2:42

Tot Ion: 1
Ion Ratio
117 100
82 66.
119 37.

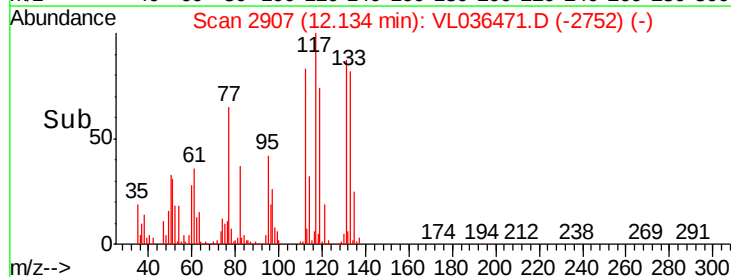
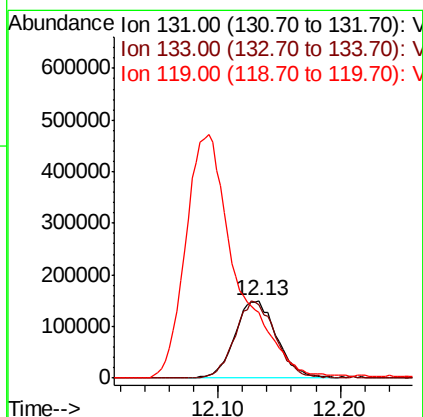
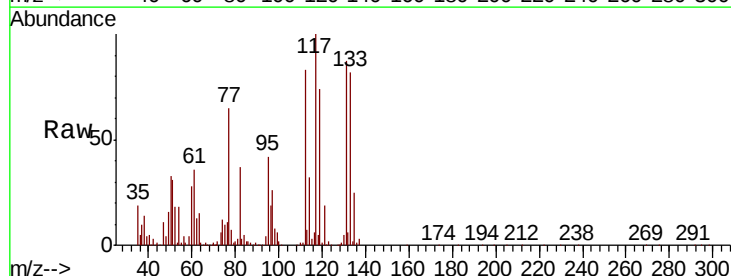
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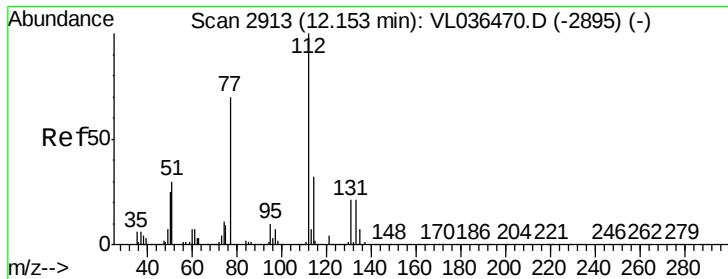
Reviewed By : Semsettin Yesilyurt 03/26/2021
Supervised By : Mahesh Dadoda 03/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 2.161 ppbv
RT: 12.13 min Scan# 2907
Delta R.T.: -0.00 min
Lab File: VL036471.D
Acq: 25 Mar 2021 2:42

Tgt Ion: 131 Resp: 354061
Ion Ratio Lower Upper
131 100
133 97.6 76.0 114.0
119 389.7 44.9 67.3#



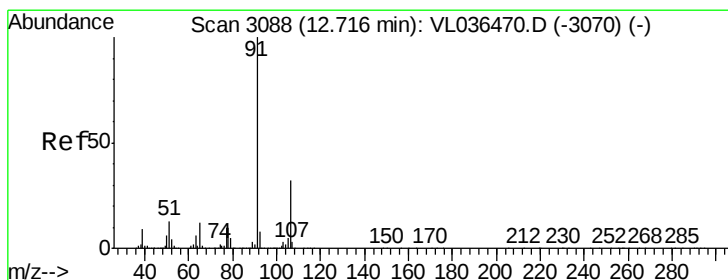
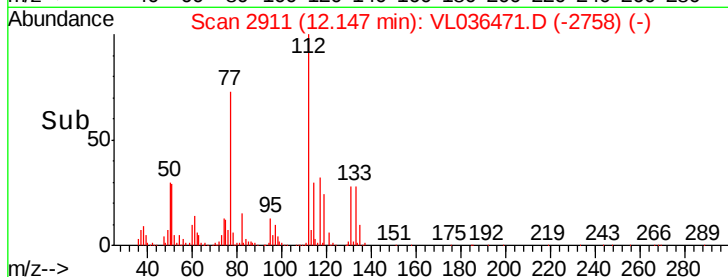
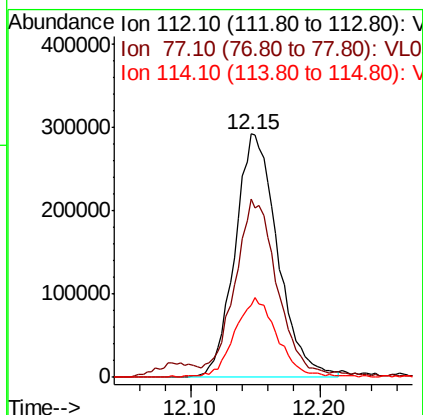
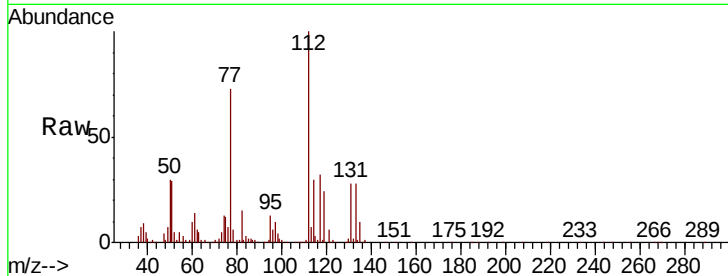


#57
Chlorobenzene
Concen: 2.447 ppbv
RT: 12.15 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:42

Tot Ion: 1
Ion Ratio
112 100
77 71.
114 29.

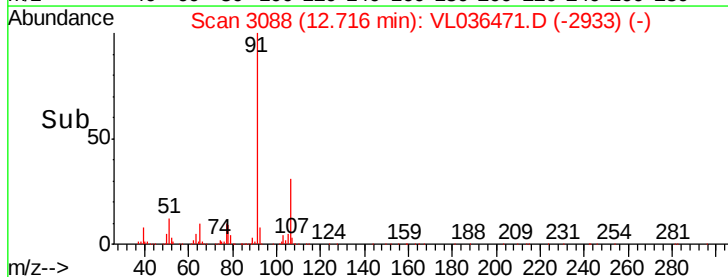
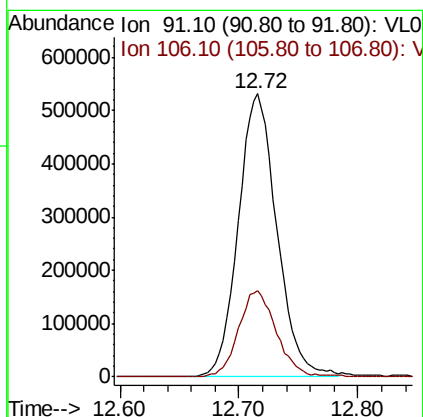
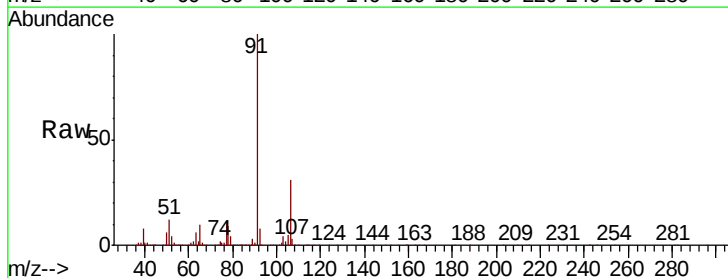
Manual Integrations
APPROVED

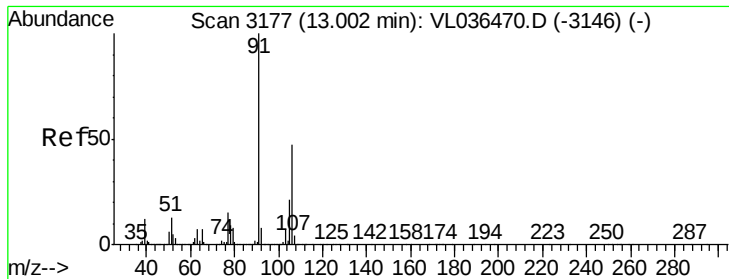
Reviewed By : Semsettin Yesilyurt 03/26/2021
Supervised By : Mahesh Dadoda 03/29/2021



#58
Ethyl Benzene
Concen: 2.527 ppbv
RT: 12.72 min Scan# 3088
Delta R.T.: -0.00 min
Lab File: VL036471.D
Acq: 25 Mar 2021 2:42

Tgt Ion: 91 Resp: 1188541
Ion Ratio Lower Upper
91 100
106 30.6 25.3 37.9





#59

m/p-Xylene

Concen: 5.050 ppbv m

RT: 13.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:42

Tot Ion:

Ion Ratio

91 100

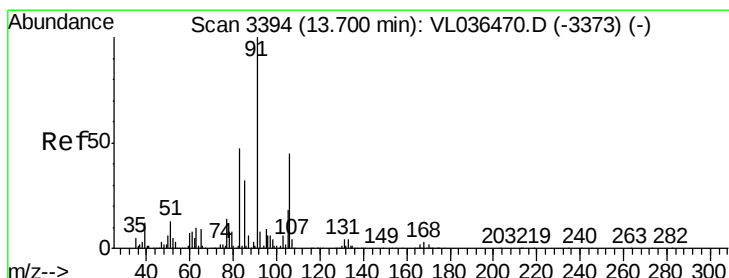
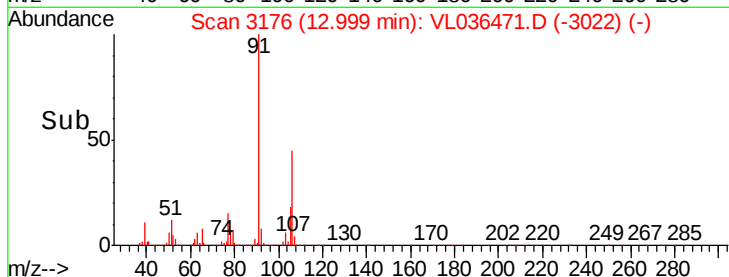
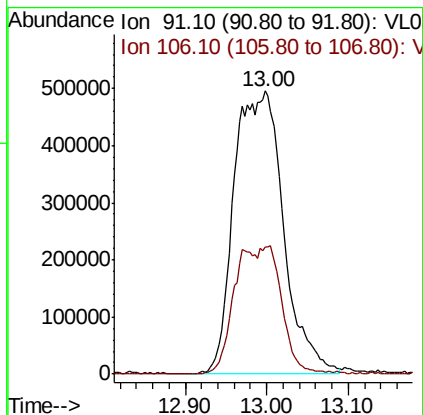
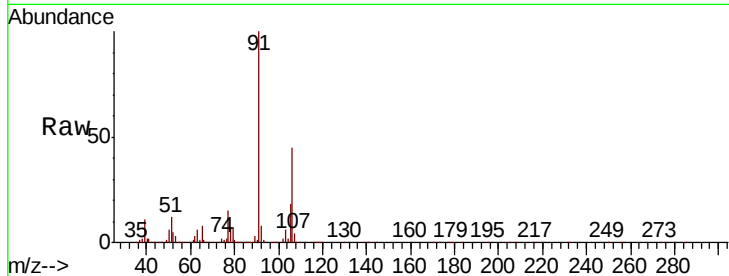
106 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#60

o-Xylene

Concen: 2.537 ppbv

RT: 13.69 min Scan# 3392

Delta R.T. -0.01 min

Lab File: VL036471.D

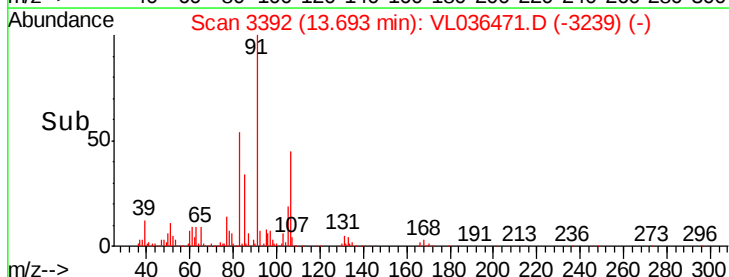
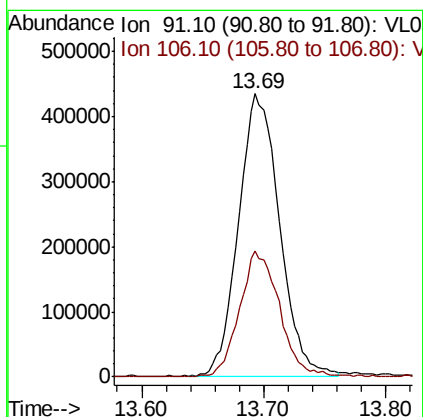
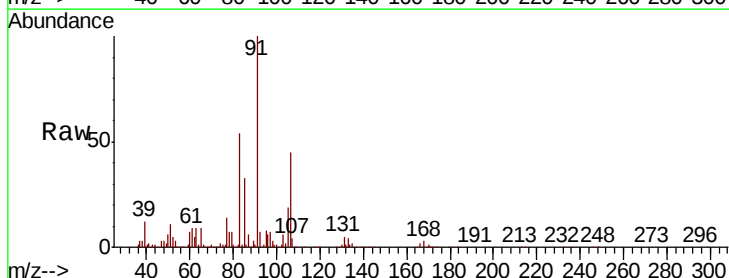
Acq: 25 Mar 2021 2:42

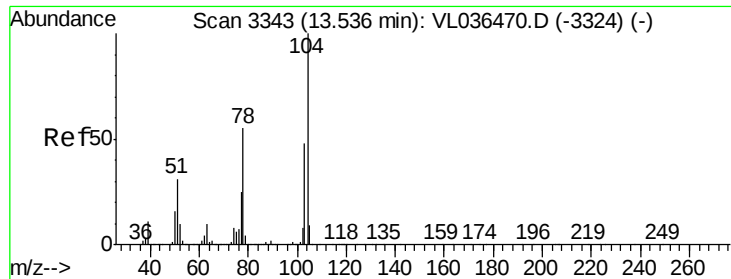
Tgt Ion: 91 Resp: 1007102

Ion Ratio Lower Upper

91 100

106 43.4 22.3 66.9





#61

Stvrene

Concen: 2.139 ppbv

RT: 13.54

Delta R.T.

Lab File:

Acq: 25 Mar 2021

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

2.42

Tot Ion:1

Ion Rati

104 100

78 56.

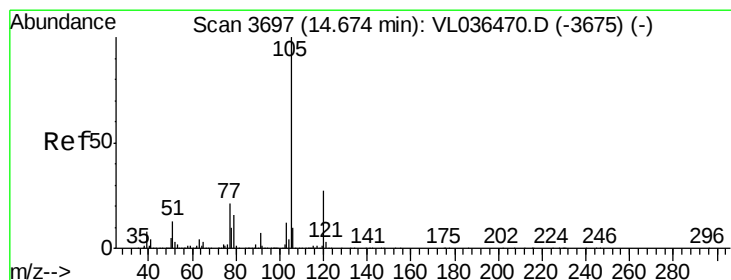
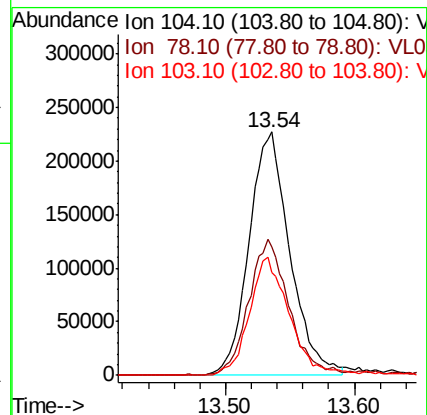
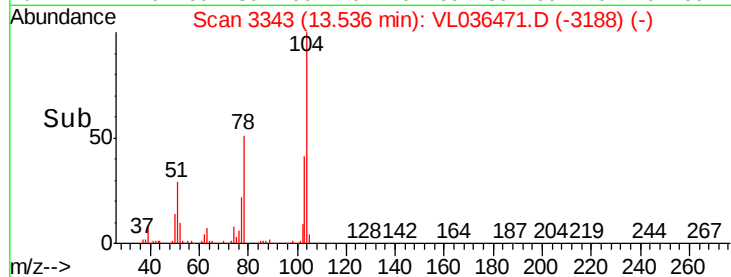
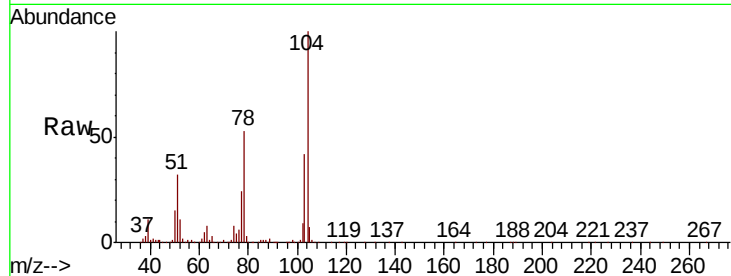
103 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#62

Isopropylbenzene

Concen: 2.282 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VL036471.D

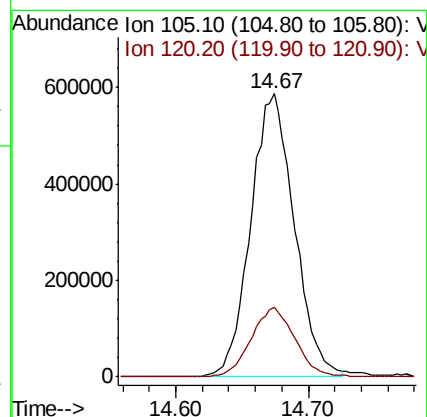
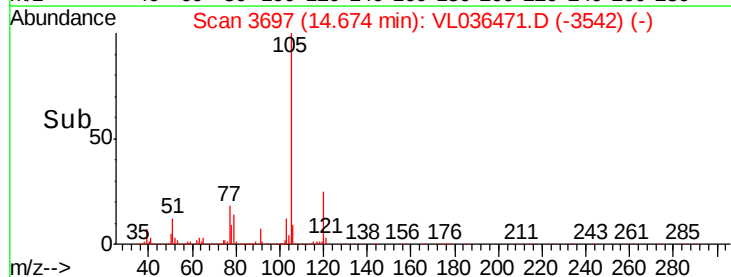
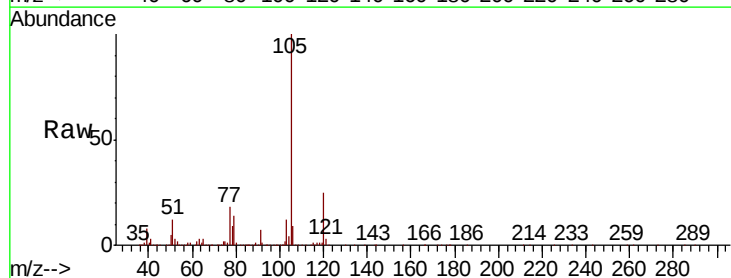
Acq: 25 Mar 2021 2:42

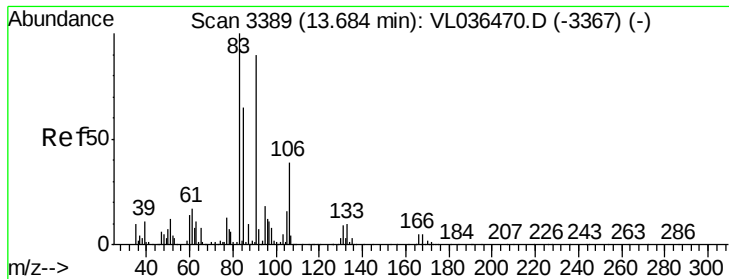
Tgt Ion:105 Resp: 1341688

Ion Ratio Lower Upper

105 100

120 24.9 20.6 31.0



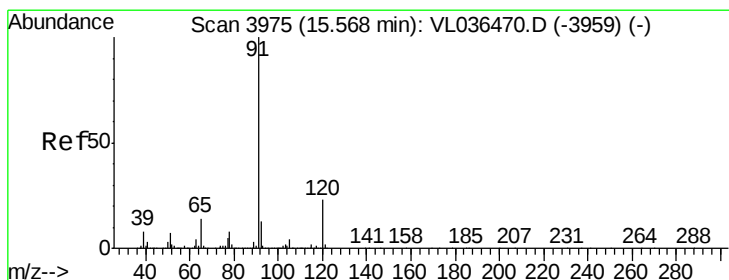
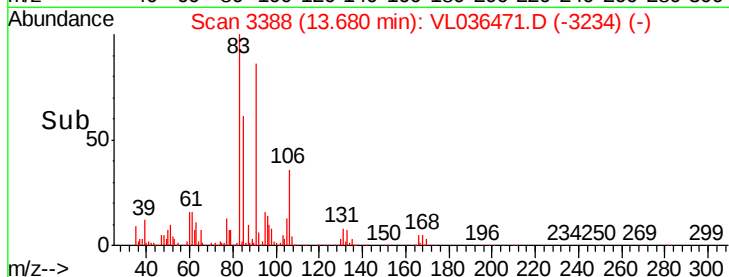
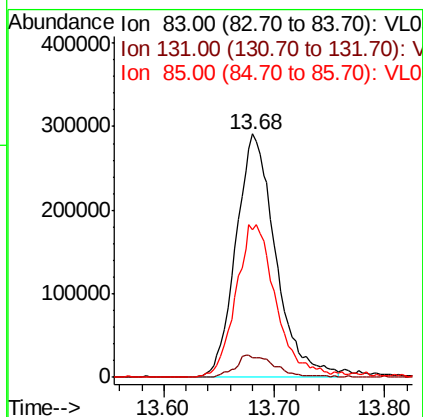
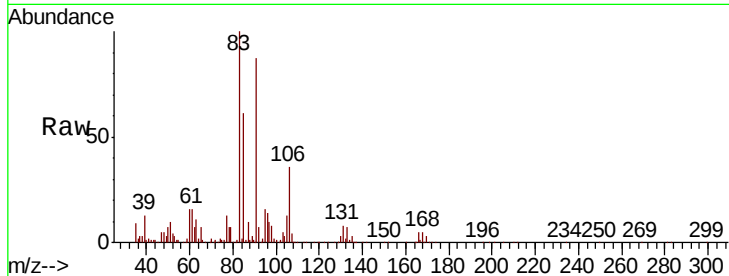


#63
 1,1,2,2-Tetrachloroethane
 Concen: 2.351 ppbv
 RT: 13.68 min
 Delta R.T.: 0.00 min
 Lab File: VSTDIC002
 Acq: 25 Mar 2021 2:42

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 64.

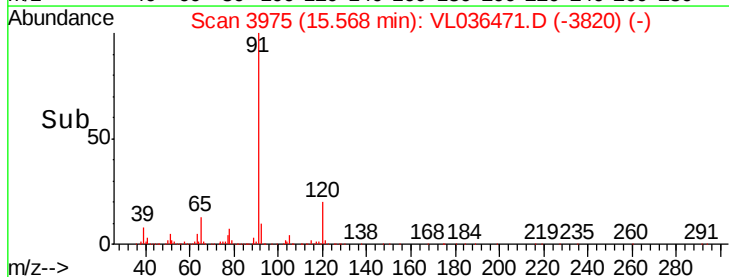
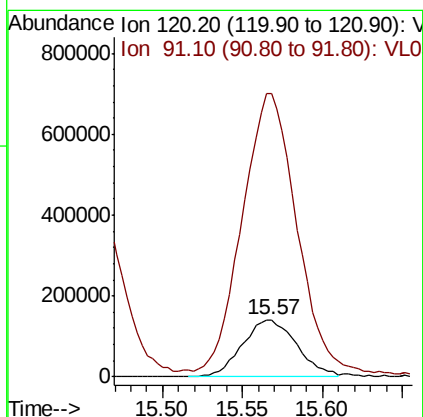
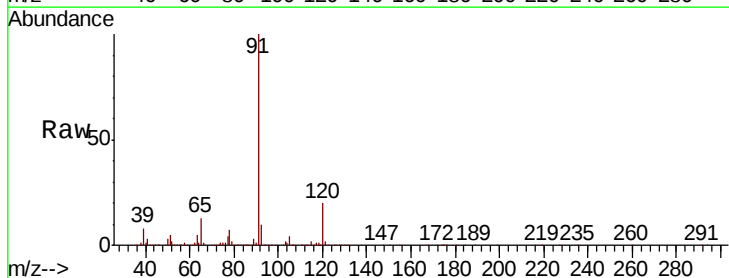
Manual Integrations
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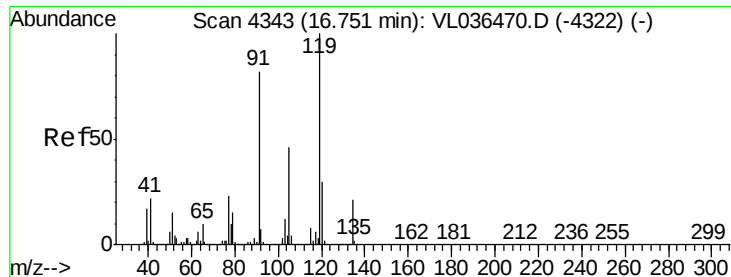
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#64
 n-propylbenzene
 Concen: 2.248 ppbv
 RT: 15.57 min Scan# 3975
 Delta R.T.: -0.00 min
 Lab File: VL036471.D
 Acq: 25 Mar 2021 2:42

Tgt Ion:120 Resp: 329053
 Ion Ratio Lower Upper
 120 100
 91 513.8 377.8 566.6





#65

tert-Butylbenzene

Concen: 2.382 ppbv

RT: 16.75

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:42

Tot Ion:1

Ion Rati

119 100

91 87.

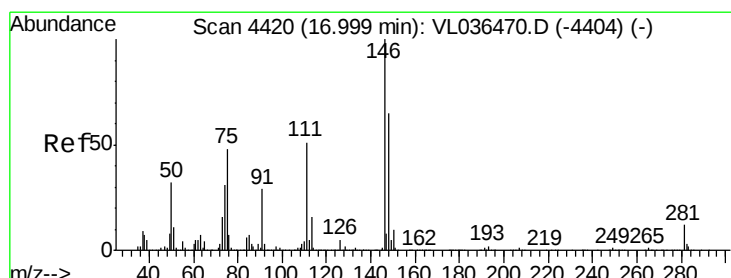
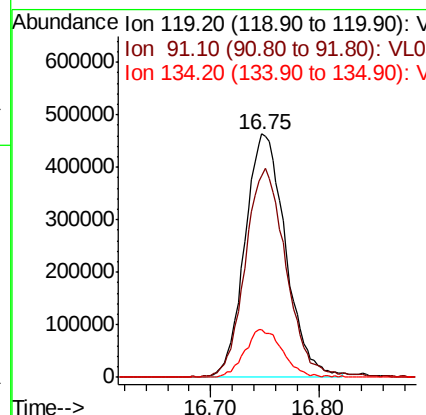
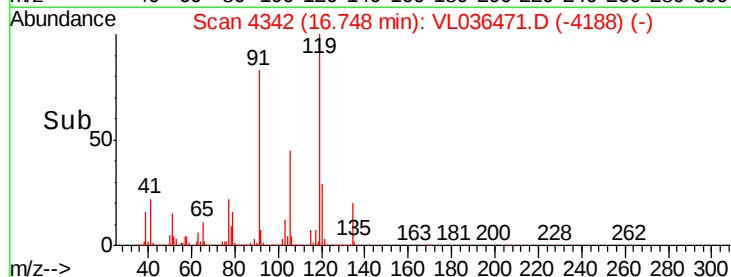
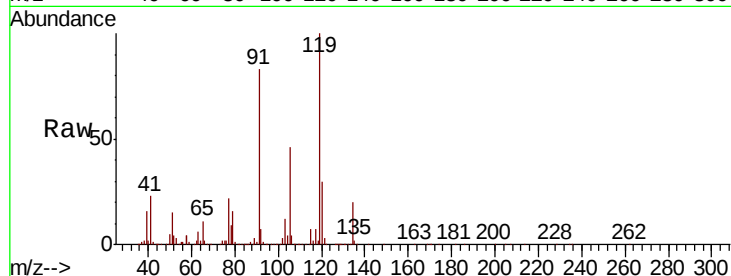
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#66

Benzyl Chloride

Concen: 1.001 ppbv m

RT: 17.00 min Scan# 4419

Delta R.T. -0.00 min

Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

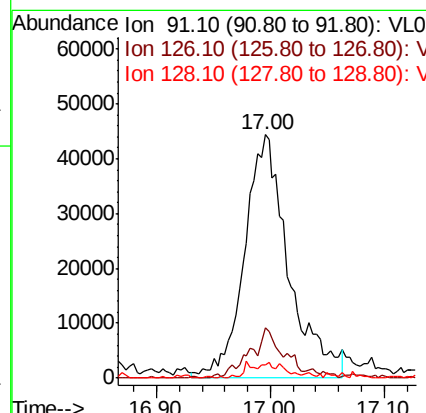
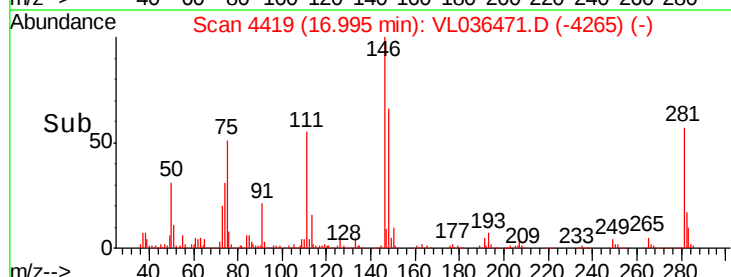
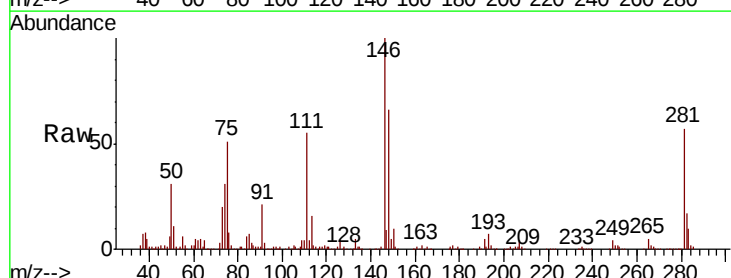
Tgt Ion: 91 Resp: 119675

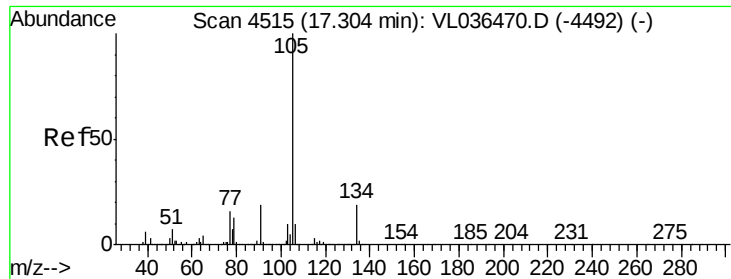
Ion Ratio Lower Upper

91 100

126 17.9 13.5 20.3

128 5.6 4.2 6.2





#67

sec-Butylbenzene

Concen: 2.364 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:42

Tot Ion:1

Ion Ratio

105 100

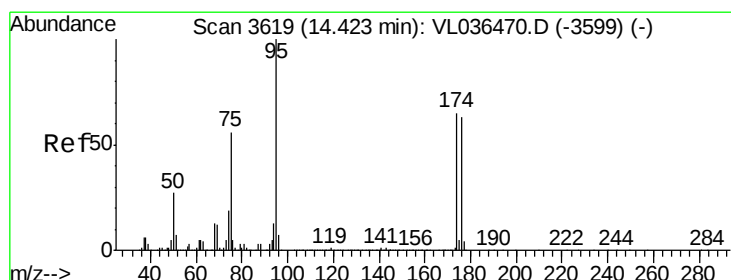
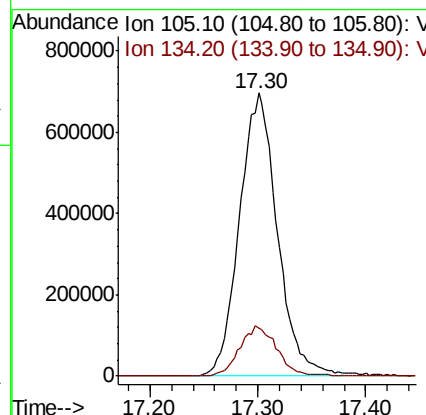
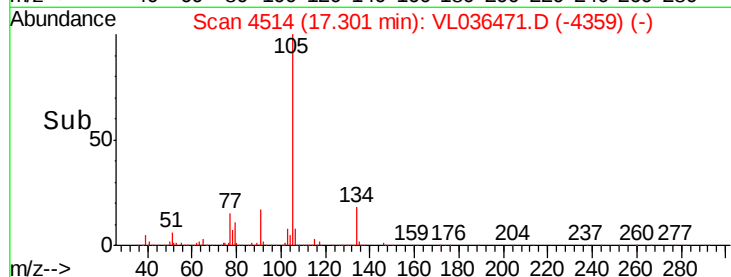
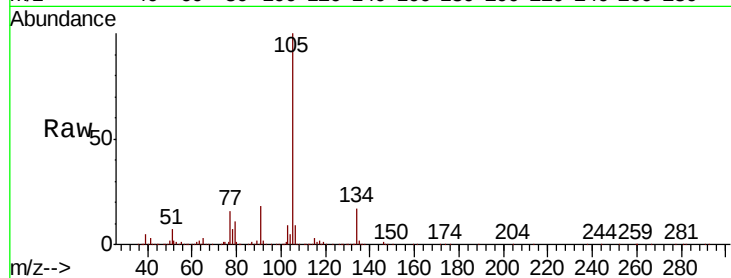
134 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 9.347 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

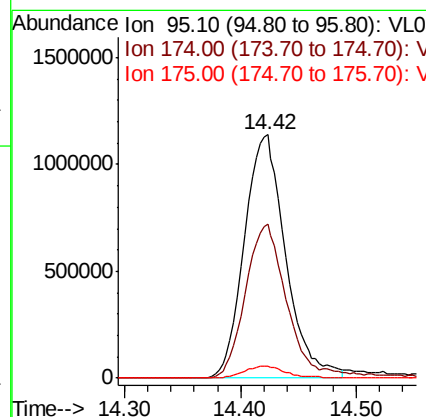
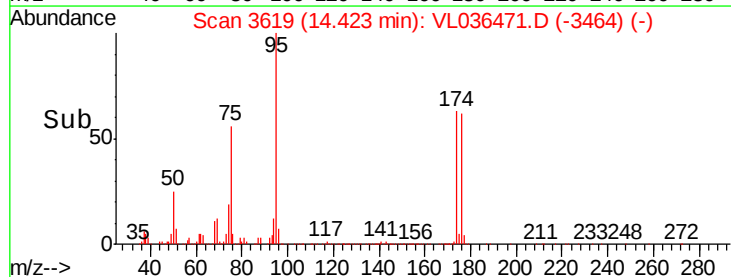
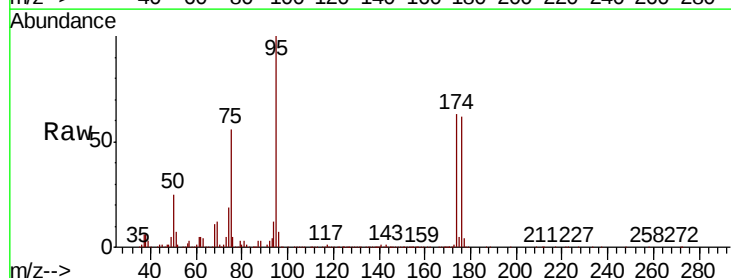
Tgt Ion: 95 Resp: 2815908

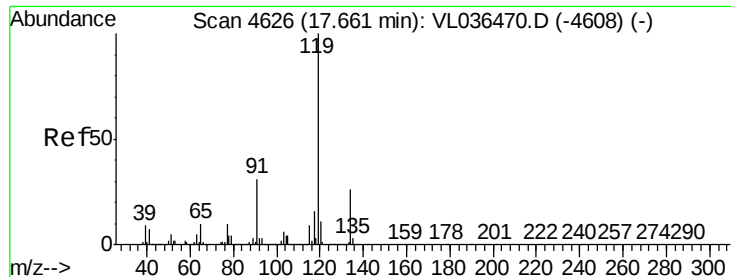
Ion Ratio Lower Upper

95 100

174 65.7 51.0 76.6

175 5.0 3.9 5.9



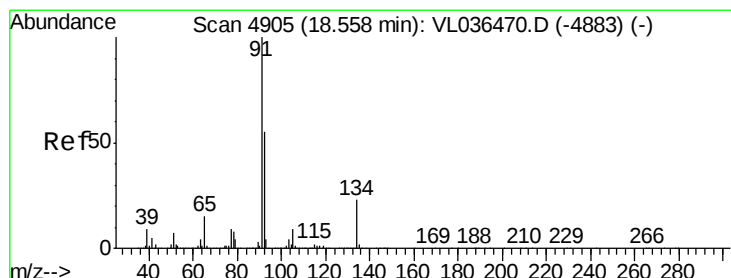
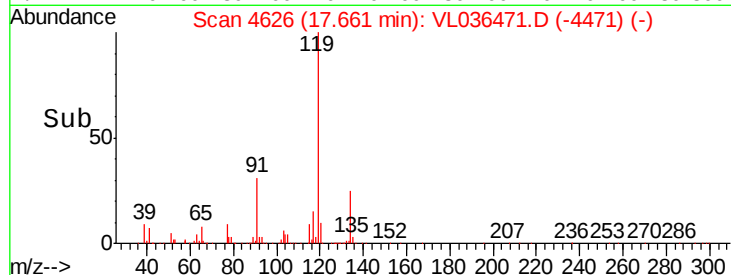
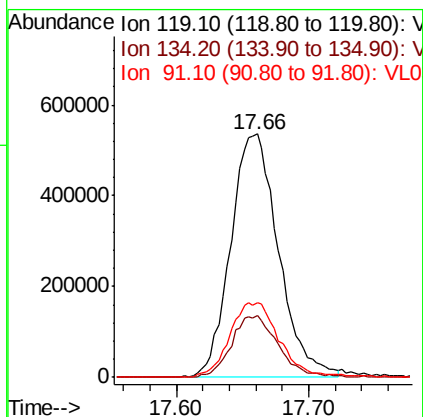
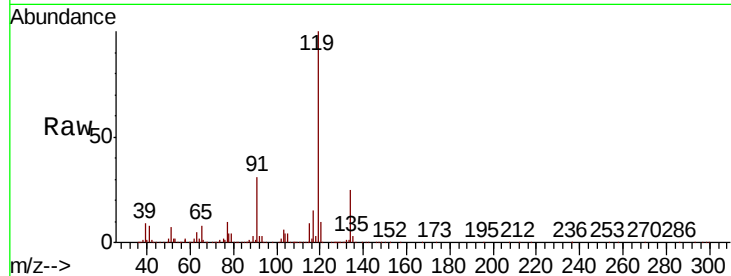


#69
 p-Isopropyltoluene
 Concen: 2.327 ppbv
 RT: 17.66 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 2:42

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

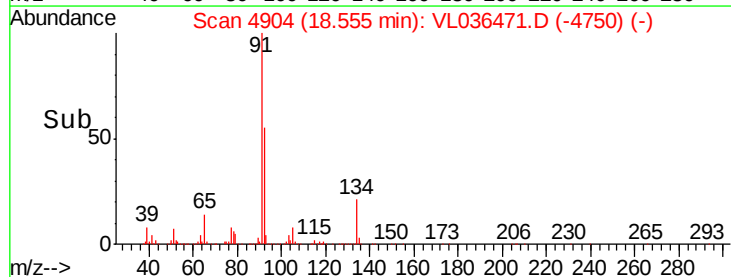
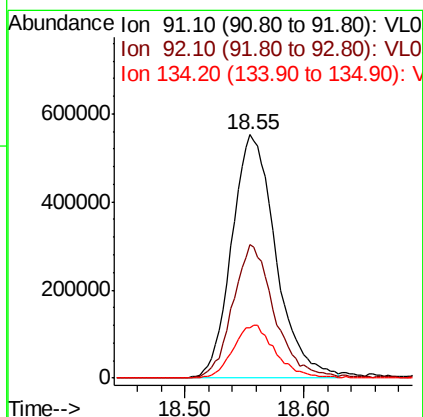
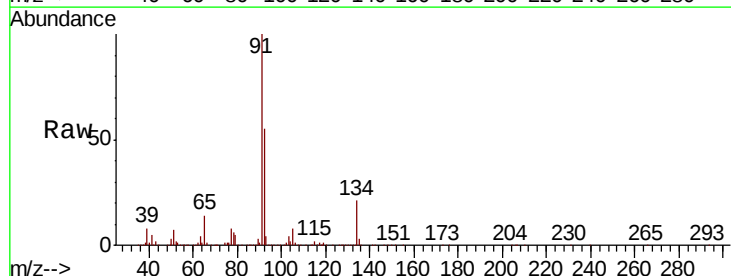
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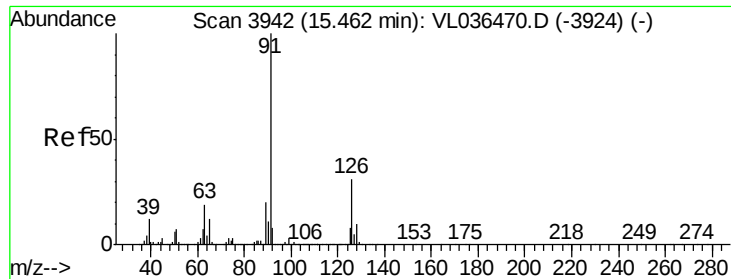
Reviewed By : Semsettin Yesilyurt 03/26/2021
 Supervised By : Mahesh Dadoda 03/29/2021



#70
 n-Butylbenzene
 Concen: 2.394 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T.: -0.00 min
 Lab File: VL036471.D
 Acq: 25 Mar 2021 2:42

Tgt Ion: 91 Resp: 1410203
 Ion Ratio Lower Upper
 91 100
 92 52.8 43.8 65.8
 134 21.2 18.0 27.0





#71

2-Chlorotoluene

Concen: 2.321 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 25 Mar 2021 2:42

Tot Ion:

Ion Ratio

91 100

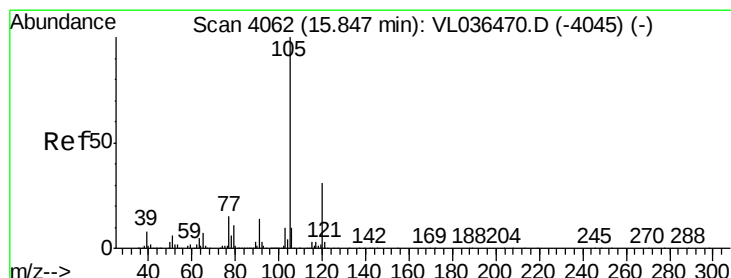
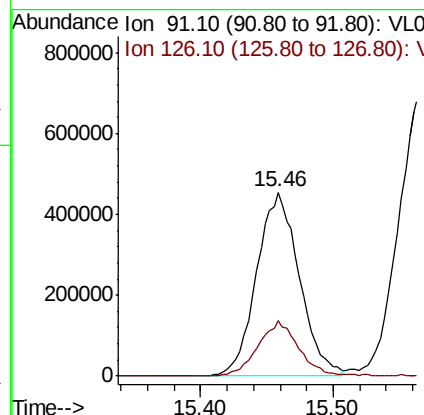
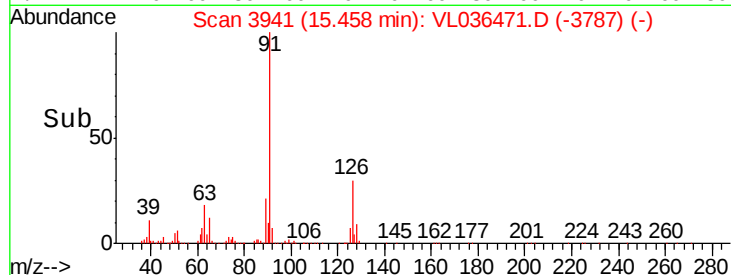
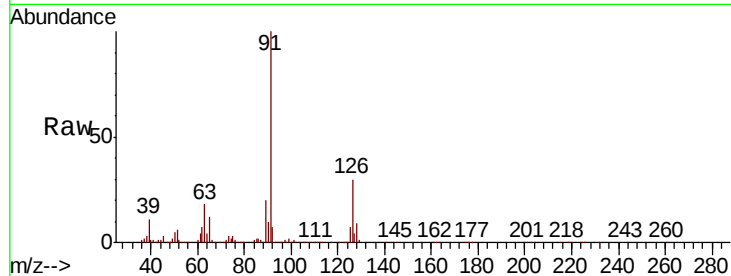
126 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#72

4-Ethyltoluene

Concen: 2.533 ppbv

RT: 15.84 min Scan# 4060

Delta R.T. -0.01 min

Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

Tgt Ion:105 Resp: 1094788

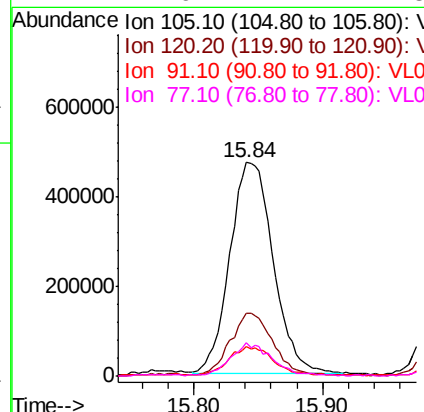
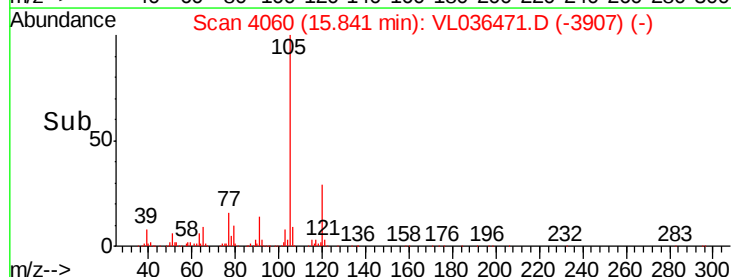
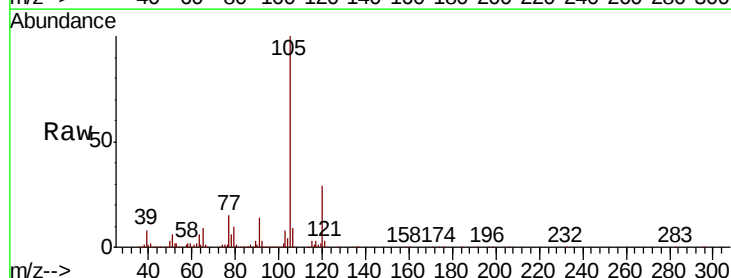
Ion Ratio Lower Upper

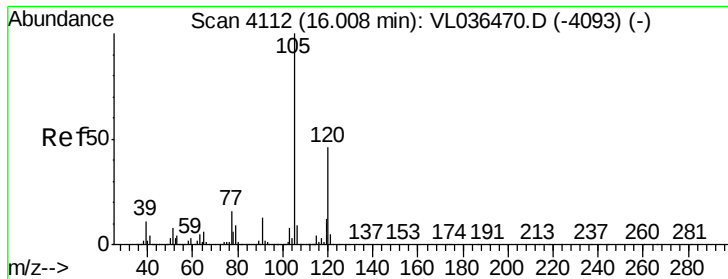
105 100

120 31.2 24.0 36.0

91 14.2 11.0 16.4

77 14.9 11.7 17.5



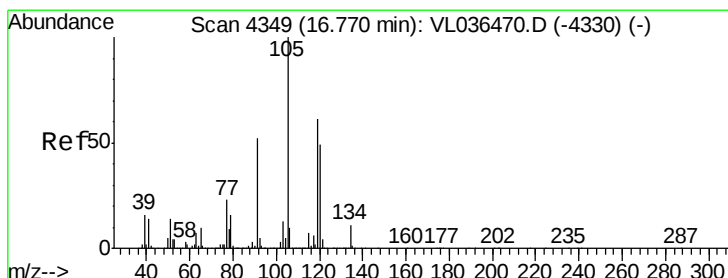
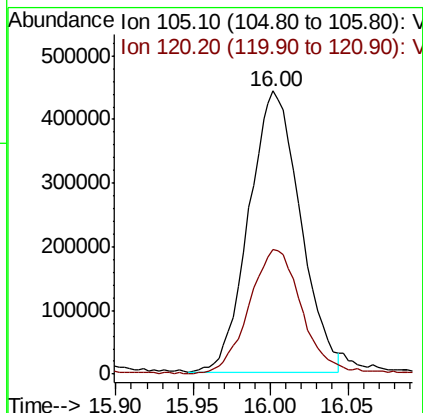
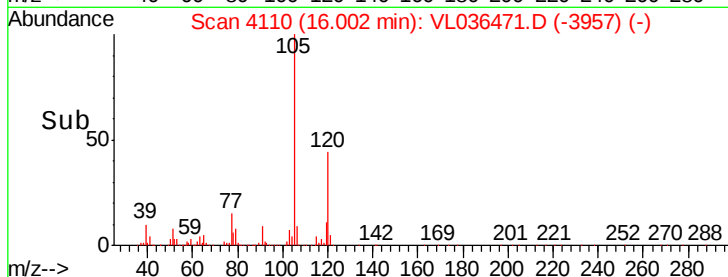
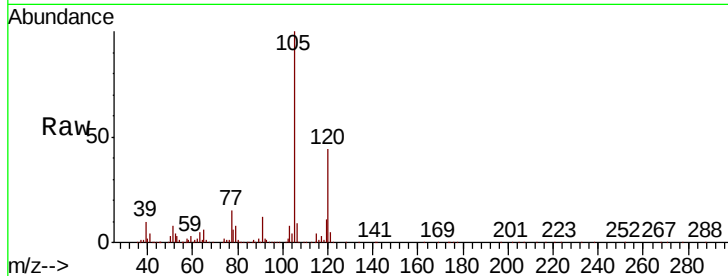


#73
 1,3,5-Trimethylbenzene
 Concen: 2.451 ppbv
 RT: 16.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC002
 Acq: 25 Mar 2021 2:42

Tot Ion:1
 Ion Rati
 105 100
 120 43.

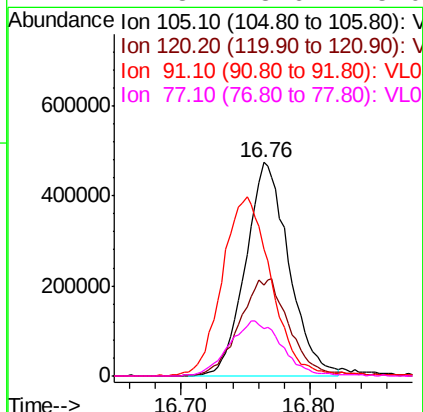
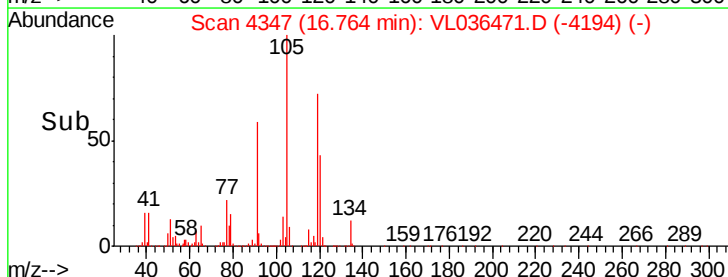
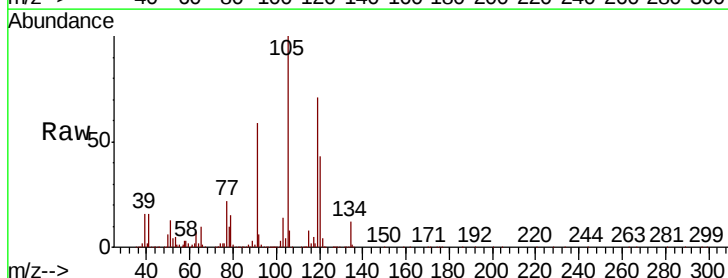
Manual Integrations
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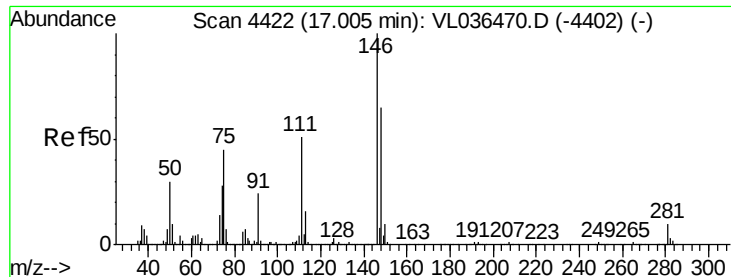
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 2.503 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. -0.01 min
 Lab File: VL036471.D
 Acq: 25 Mar 2021 2:42

Tgt Ion:105 Resp: 1106162
 Ion Ratio Lower Upper
 105 100
 120 42.2 39.2 58.8
 91 57.7 42.6 64.0
 77 21.8 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 2.342 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:42

Tot Ion:1

Ion Rati

146 100

111 52.

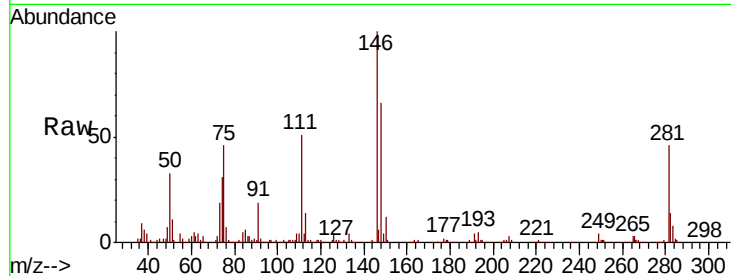
148 68.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

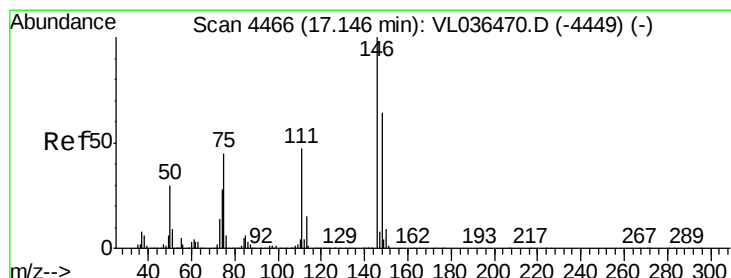
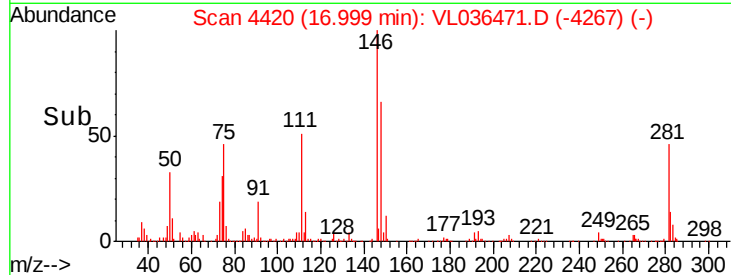
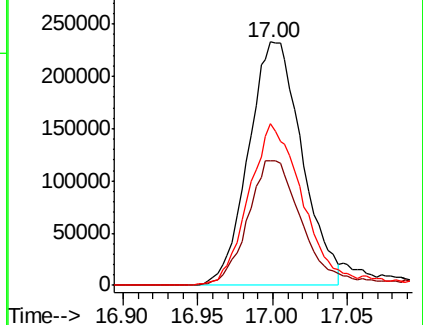
Supervised By :Mahesh Dadoda 03/29/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 2.442 ppbv m

RT: 17.14 min Scan# 4464

Delta R.T. -0.01 min

Lab File: VL036471.D

Acq: 25 Mar 2021 2:42

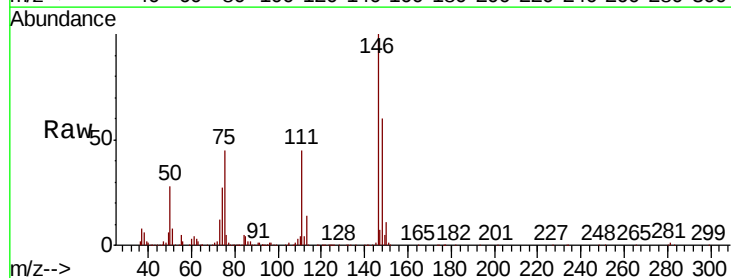
Tgt Ion:146 Resp: 602700

Ion Ratio Lower Upper

146 100

111 0.0 24.3 73.0#

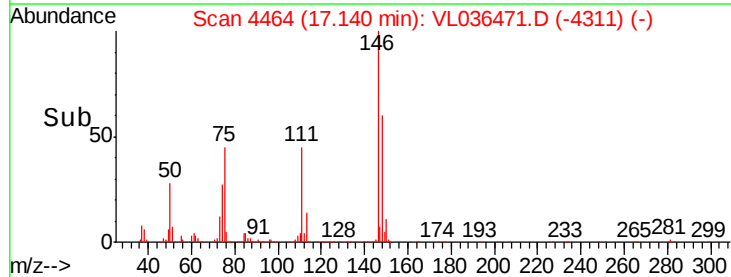
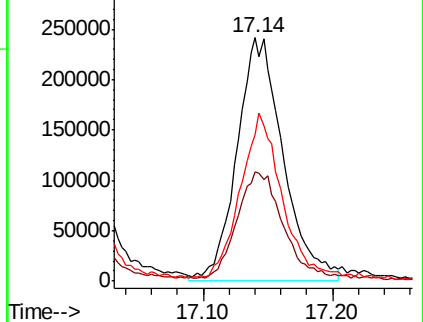
148 65.6 32.9 98.6

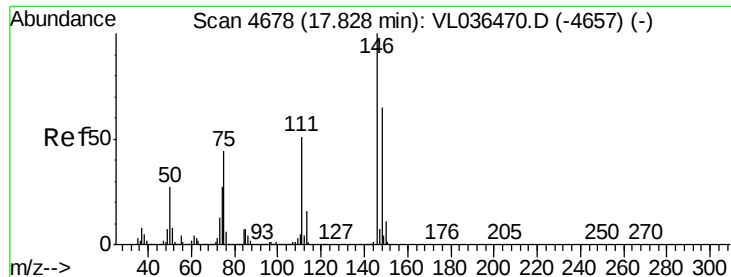


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



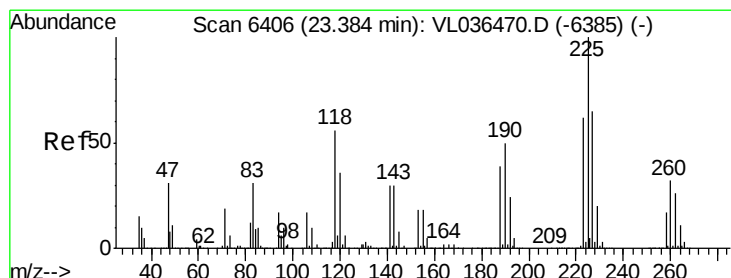
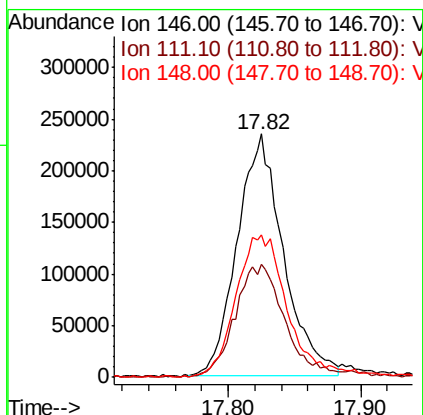
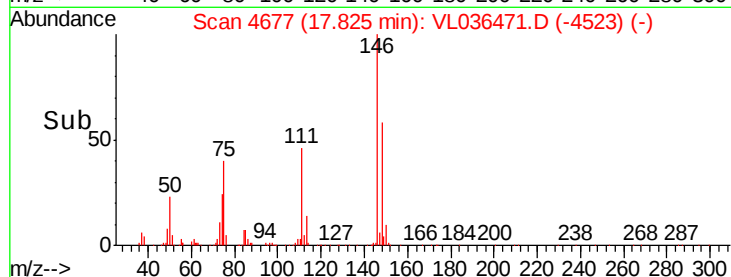
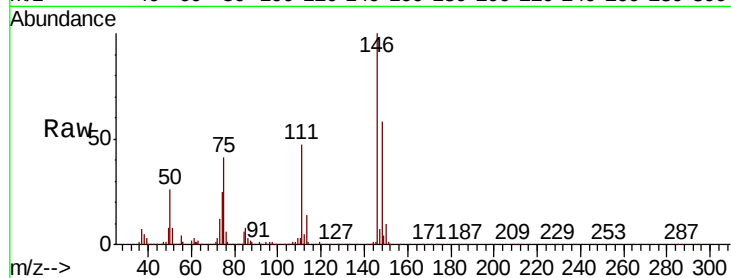


#77
 1,2-Dichlorobenzene
 Concen: 2.347 ppbv
 RT: 17.82 min
 Delta R.T.: 0.01 min
 Lab File: VSTDIC002
 Acq: 25 Mar 2021 2:42

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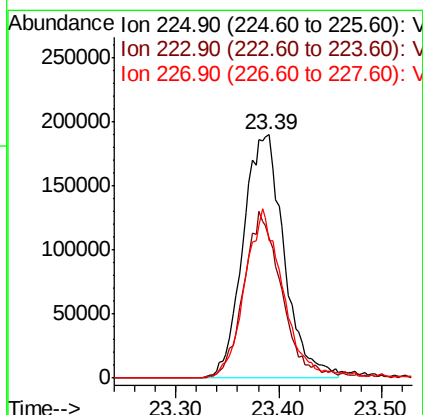
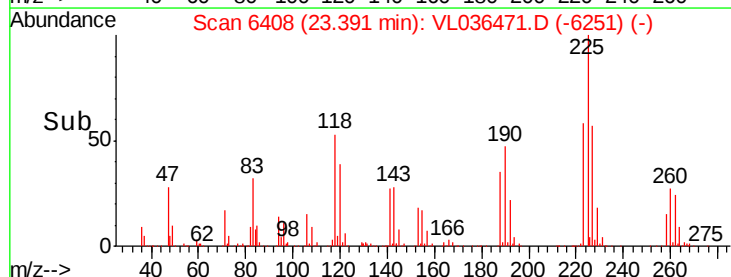
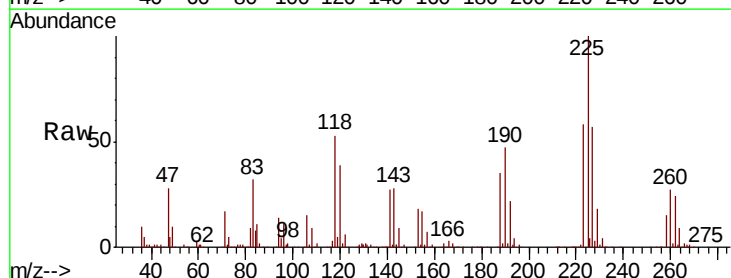
Reviewed By : Semsettin Yesilyurt 03/26/2021
 Supervised By : Mahesh Dadoda 03/29/2021

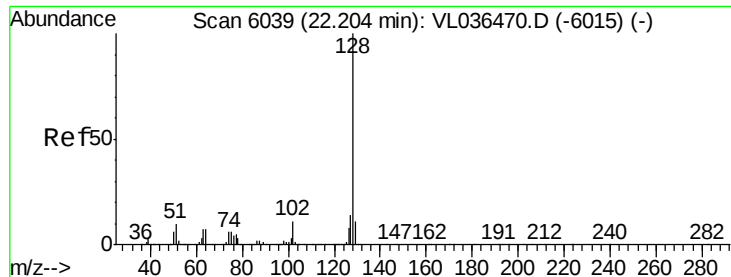
Tot Ion: 1
 Ion Ratio
 146 100
 111 52.
 148 66.



#78
 Hexachloro-1,3-Butadiene
 Concen: 2.701 ppbv
 RT: 23.39 min Scan# 6408
 Delta R.T.: 0.01 min
 Lab File: VL036471.D
 Acq: 25 Mar 2021 2:42

Tgt Ion: 225 Resp: 527204
 Ion Ratio Lower Upper
 225 100
 223 64.9 50.9 76.3
 227 66.2 52.2 78.2



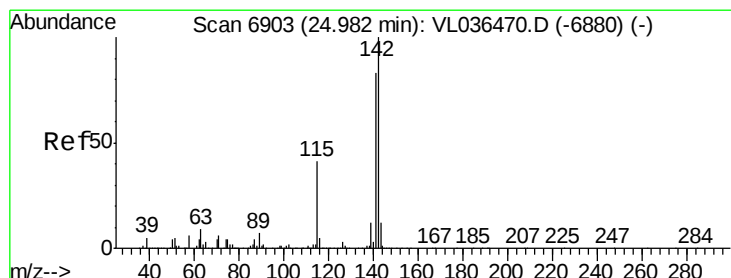
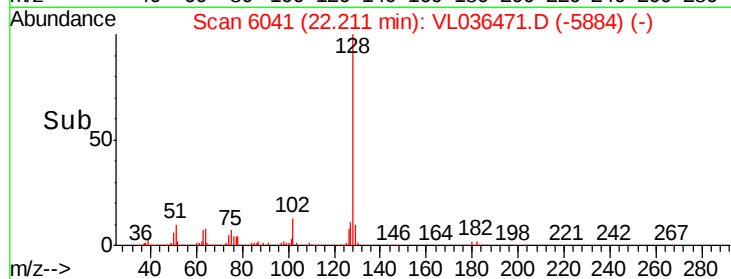
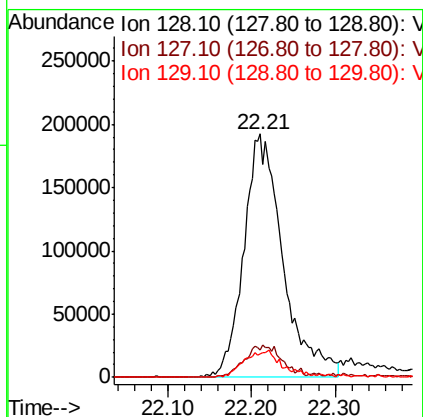
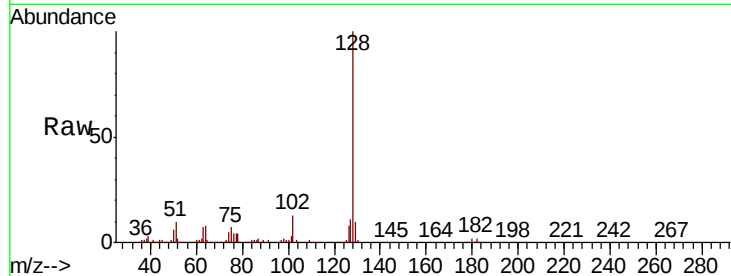


#79
Naphthalene
Concen: 2.393 ppbv m
RT: 22.21
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:42

Tot Ion:1
Ion Rati
128 100
127 11.
129 9.

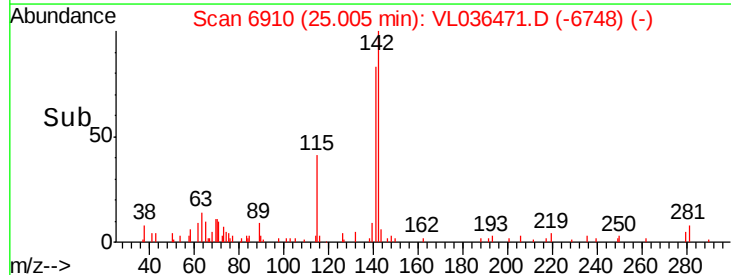
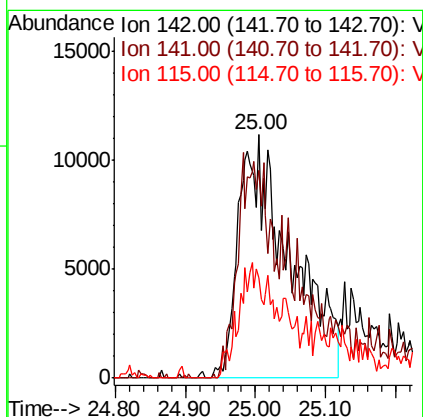
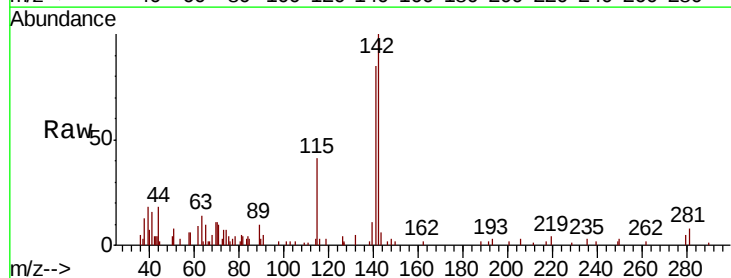
Manual Integrations
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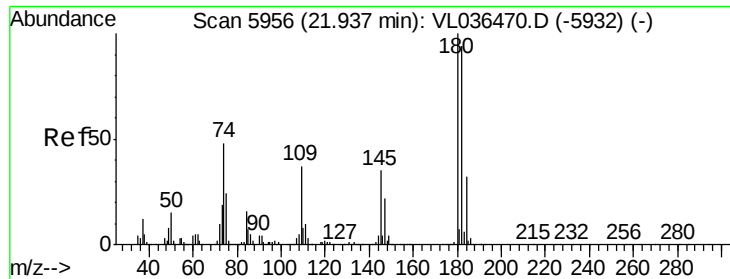
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#80
Naphthalene, 2-methyl-
Concen: 1.011 ppbv
RT: 25.00 min Scan# 6910
Delta R.T. 0.02 min
Lab File: VL036471.D
Acq: 25 Mar 2021 2:42

Tgt Ion:142 Resp: 56592
Ion Ratio Lower Upper
142 100
141 85.0 67.7 101.5
115 38.5 33.4 50.2





#81
 1,2,4-Trichlorobenzene
 Concen: 2.542 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 25 Mar 2021 2.42

Tot Ion:1
 Ion Rati
 180 100
 182 105.
 184 35.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021

