

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036476.D
 Acq On : 25 Mar 2021 5:51
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Quant Time: Mar 25 08:27:20 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

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1540499	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3801321	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3679064	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2975158	9.84	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	2896959	13.015	ppbv	96
3) Chlorodifluoromethane	2.99	51	3937238	19.584	ppbv	99
4) Chloromethane	3.13	50	1451901	16.326	ppbv	99
5) Vinyl Chloride	3.26	62	1473539	17.516	ppbv	99
6) Bromomethane	3.47	94	863186	16.551	ppbv	100
7) Chloroethane	3.56	64	528467	16.818	ppbv	96
8) Dichlorotetrafluoroethane	3.19	85	3138267	14.572	ppbv	100
9) Propene	3.01	41	1354570	16.550	ppbv	99
10) Heptane	8.13	43	3457259	17.093	ppbv	100
11) Trichlorofluoromethane	3.95	101	3573453	15.809	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	2316133	15.962	ppbv	99
13) Ethanol	3.61	45	151002m	12.865	ppbv	
14) Bromoethene	3.74	108	975650	16.229	ppbv	97
15) Acetone	3.85	43	2047285	11.912	ppbv	99
16) 1,3-Butadiene	3.32	39	1535467	17.236	ppbv	99
17) tert-Butyl alcohol	4.29	59	1648002	11.973	ppbv	100
18) 1,1-Dichloroethene	4.29	96	1031858	15.912	ppbv	90
19) Isopropyl Alcohol	3.97	45	1042366	10.866	ppbv	99
20) Methylene Chloride	4.34	84	916294	14.820	ppbv	94
21) Allyl Chloride	4.41	41	1800803	17.371	ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	1011190	17.109	ppbv	94
23) Vinyl Acetate	5.08	43	3830719	18.313	ppbv	99
24) 1,1-Dichloroethane	5.01	63	2705796	16.594	ppbv #	97
25) Ethyl Acetate	5.68	43	5071768	14.729	ppbv	100
26) Hexane	5.69	57	2376395	16.345	ppbv	99
27) Carbon Disulfide	4.55	76	2676771	18.697	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	2801289	14.731	ppbv	99
29) Chloroform	5.75	83	3765021	15.966	ppbv	98
30) Cyclohexane	7.13	84	2043169	16.994	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	2448857	17.391	ppbv	95
32) 1,1,1-Trichloroethane	6.51	97	3759274	15.912	ppbv	98
34) 2-Butanone	5.25	43	2690462	12.120	ppbv	100
35) Carbon Tetrachloride	7.02	117	3988217	15.947	ppbv	99
36) Benzene	6.89	78	4937730	16.306	ppbv	97
37) 1,2-Dichloroethane	6.31	62	2951047	15.599	ppbv	99
38) Trichloroethene	7.84	130	1761169	15.497	ppbv	99
39) 1,2-Dichloropropane	7.62	63	2003676	15.501	ppbv	98
40) 1,4-Dioxane	7.83	88	396430	10.037	ppbv	77
41) Tetrahydrofuran	6.05	42	1299478	11.034	ppbv	96
42) Bromodichloromethane	7.80	83	4032871	15.773	ppbv	98
43) Methyl Methacrylate	8.02	69	1874089	15.823	ppbv	99

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 MSVOA L
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 VSTDIC015

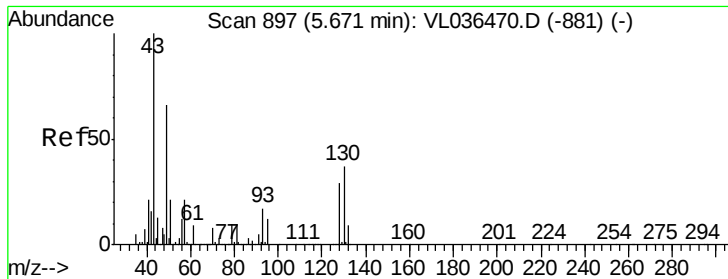
Manual Integrations
 APPROVED

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

Quant Time: Mar 25 08:27:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	7995460	14.573	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	2307361	19.497	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	2800461	18.119	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	2014680	15.758	ppbv	97
48) Dibromochloromethane	10.31	129	3386741	17.447	ppbv	99
49) Bromoform	13.05	173	2789137	17.607	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	4083230	12.767	ppbv	100
51) 2-Hexanone	10.14	43	2380402	10.481	ppbv #	99
52) Tetrachloroethene	11.23	164	1688585	14.962	ppbv	99
53) Toluene	9.81	91	5522662	16.917	ppbv	99
54) 1,2-Dibromoethane	10.62	107	2971083	16.155	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	2217988	13.485	ppbv #	70
57) Chlorobenzene	12.16	112	3997133	14.599	ppbv	99
58) Ethyl Benzene	12.72	91	7262014	15.386	ppbv	96
59) m/p-Xylene	13.01	91	12090895m	29.145	ppbv	
60) o-Xylene	13.70	91	5712345	14.336	ppbv	98
61) Styrene	13.54	104	3655975	15.600	ppbv	99
62) Isopropylbenzene	14.68	105	7808558	13.234	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.69	83	4142424	13.441	ppbv	100
64) n-propylbenzene	15.57	120	2119441	14.426	ppbv	89
65) tert-Butylbenzene	16.75	119	6728894	13.115	ppbv	100
66) Benzyl Chloride	17.00	91	986011	8.217	ppbv	99
67) sec-Butylbenzene	17.30	105	9273582	12.962	ppbv	97
69) p-Isopropyltoluene	17.66	119	7777622	13.585	ppbv	99
70) n-Butylbenzene	18.56	91	7961471	13.465	ppbv	98
71) 2-Chlorotoluene	15.46	91	6108543	13.816	ppbv	98
72) 4-Ethyltoluene	15.85	105	6825861	15.735	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	6272736	15.007	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	6261614	14.116	ppbv	97
75) 1,3-Dichlorobenzene	17.01	146	3726042	15.011	ppbv	100
76) 1,4-Dichlorobenzene	17.15	146	3658775	14.768	ppbv	100
77) 1,2-Dichlorobenzene	17.83	146	3561413	14.751	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	2754550	14.059	ppbv	100
79) Naphthalene	22.20	128	5117418	19.375	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	1719558	30.592	ppbv	98
81) 1,2,4-Trichlorobenzene	21.94	180	2778205	17.999	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

Tot Ion:

Ion Ratio

49 100

128 47.

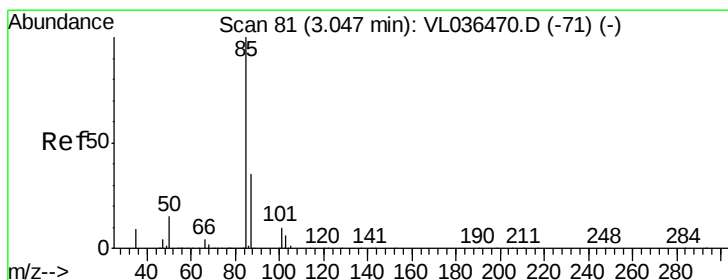
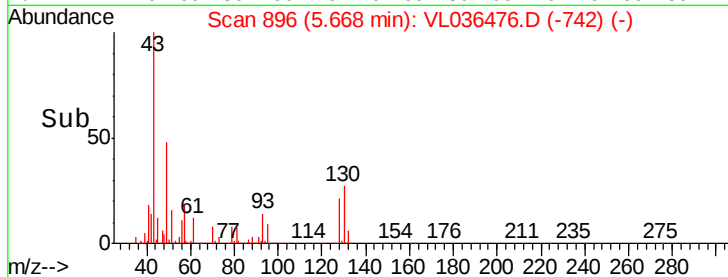
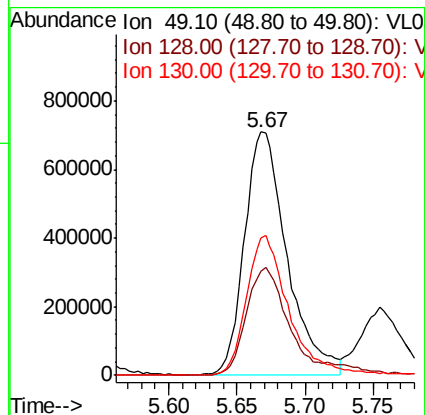
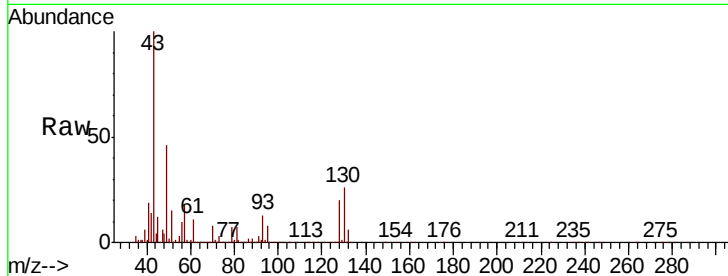
130 57.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#2

Dichlorodifluoromethane

Concen: 13.015 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL036476.D

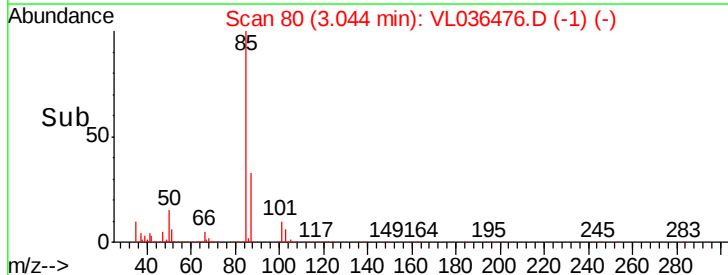
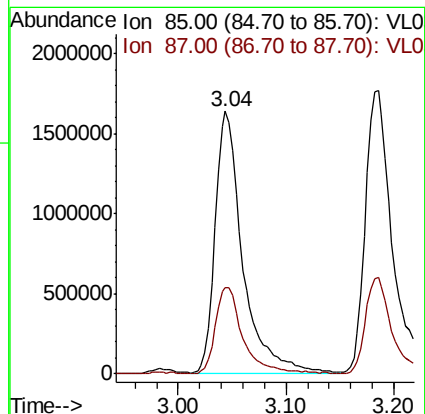
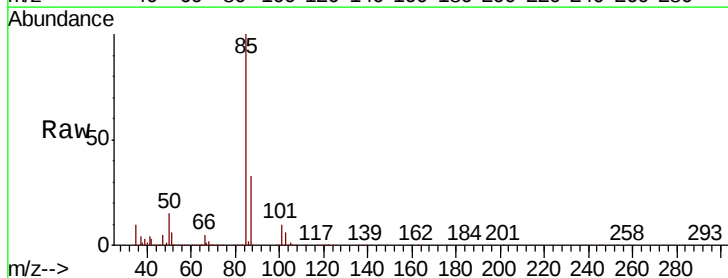
Acq: 25 Mar 2021 5:51

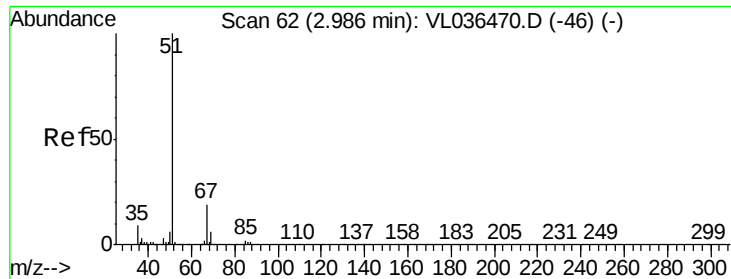
Tgt Ion: 85 Resp: 2896959

Ion Ratio Lower Upper

85 100

87 32.6 27.8 41.8





#3

Chlorodifluoromethane

Concen: 19.584 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 5:51 VSTDIC015

Tot Ion:

Ion Ratio

51 100

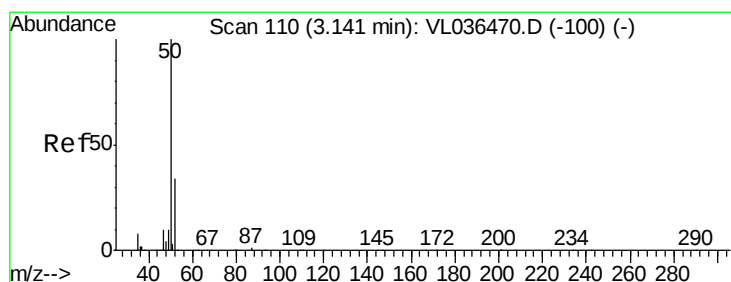
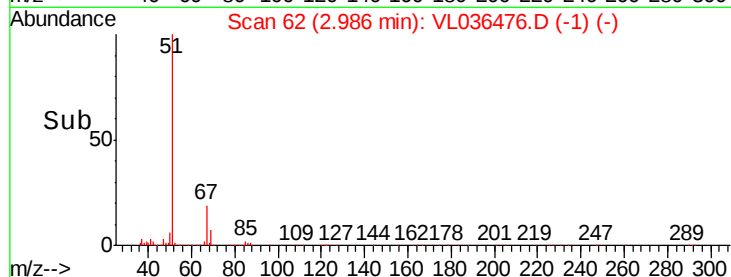
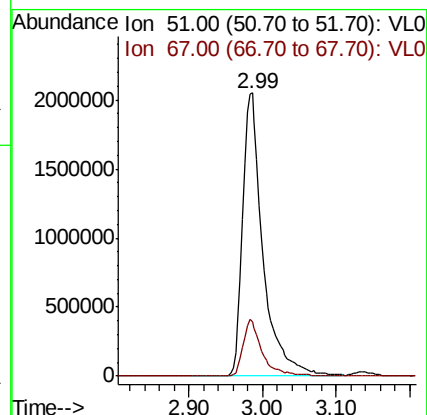
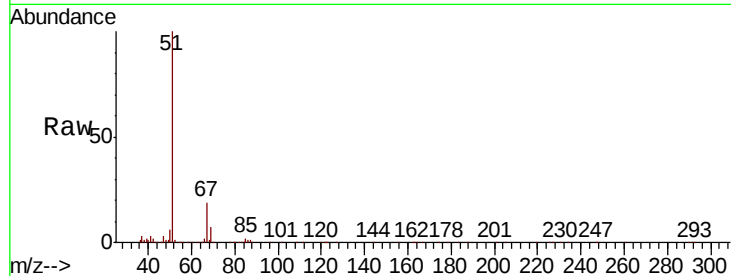
67 18.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/29/2021



#4

Chloromethane

Concen: 16.326 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL036476.D

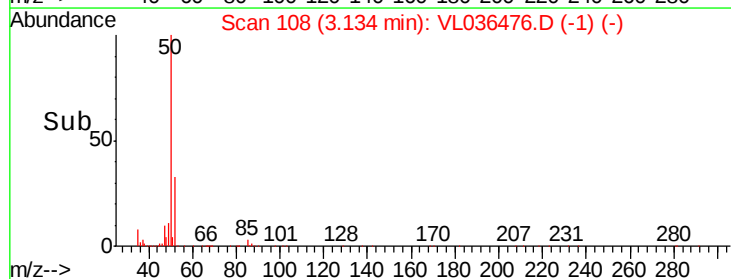
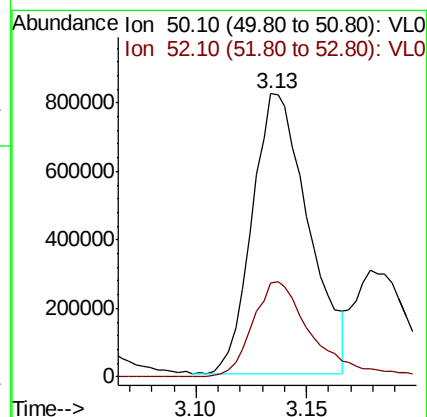
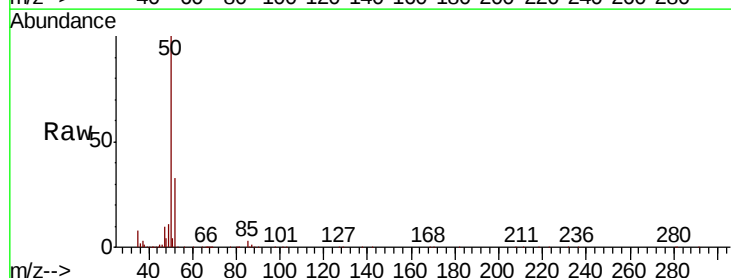
Acq: 25 Mar 2021 5:51

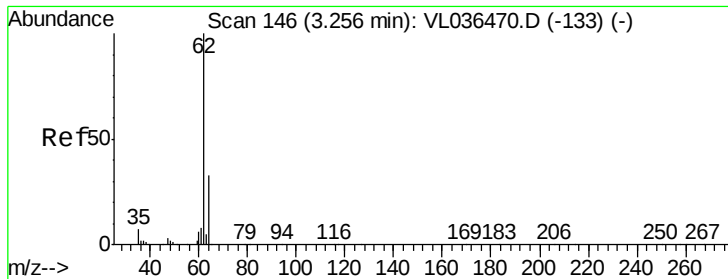
Tgt Ion: 50 Resp: 1451901

Ion Ratio Lower Upper

50 100

52 33.4 27.0 40.6





#5

Vinyl Chloride

Concen: 17.516 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC015

Acq: 25 Mar 2021 5:51

Tot Ion:

Ion Ratio

62 100

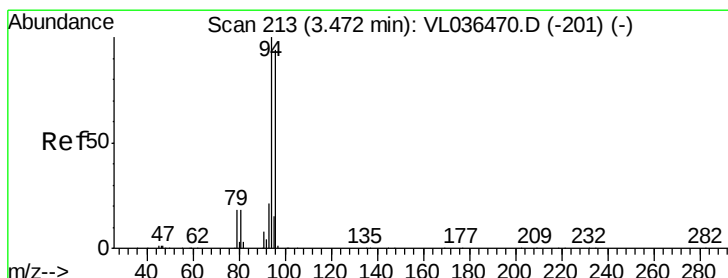
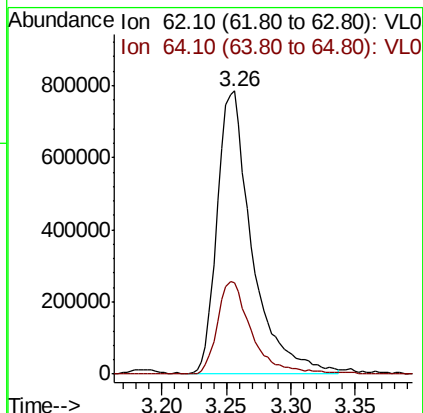
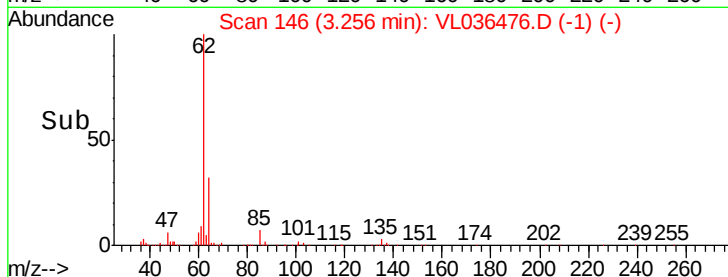
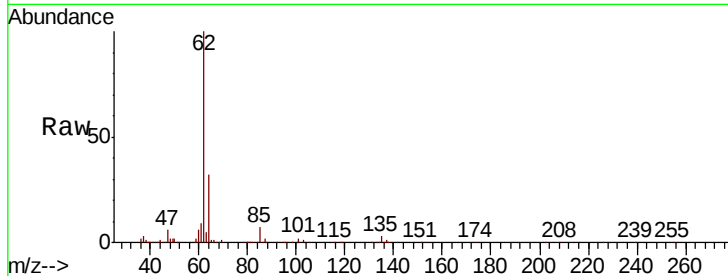
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#6

Bromomethane

Concen: 16.551 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.00 min

Lab File: VL036476.D

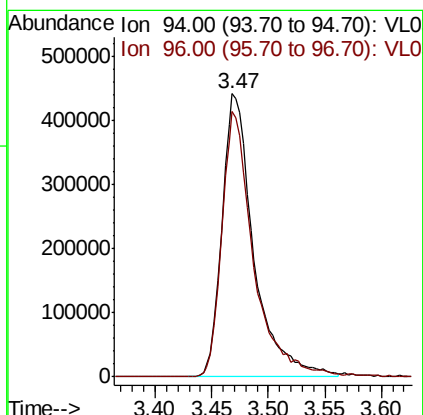
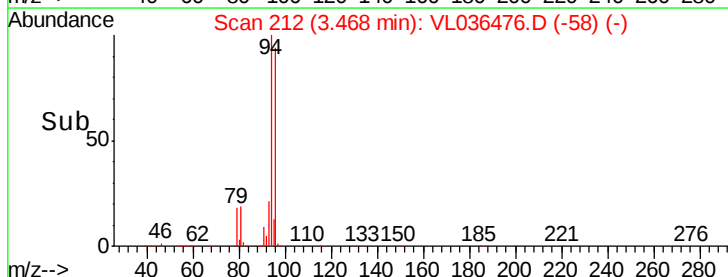
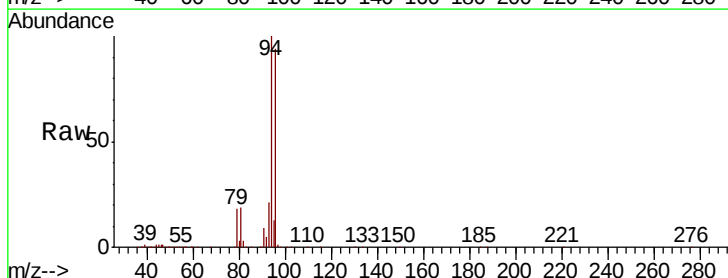
Acq: 25 Mar 2021 5:51

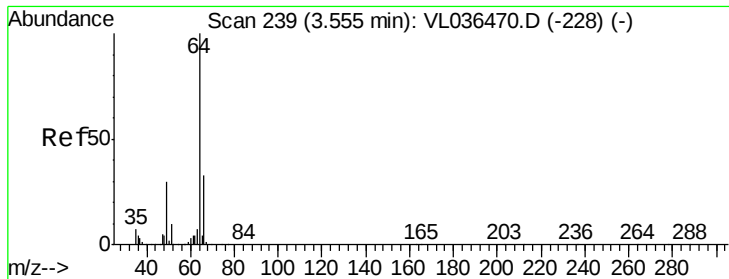
Tgt Ion: 94 Resp: 863186

Ion Ratio Lower Upper

94 100

96 93.7 74.9 112.3





#7

Chloroethane

Concen: 16.818 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 VSTDIC015

Tot Ion:

Ion Ratio

64 100

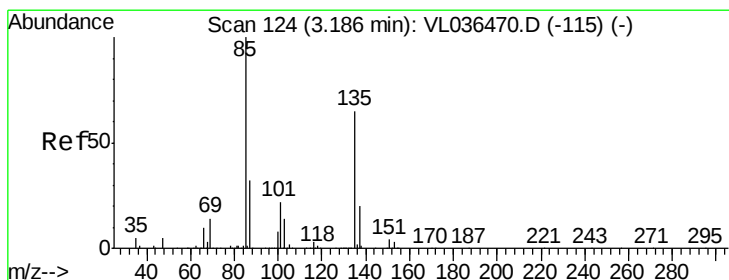
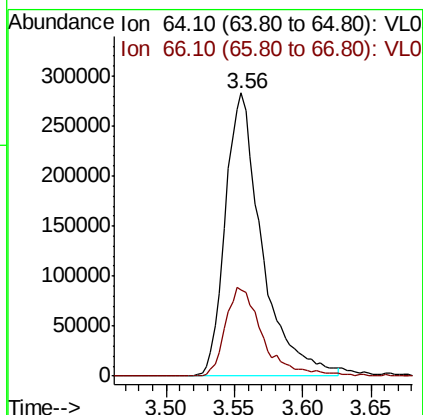
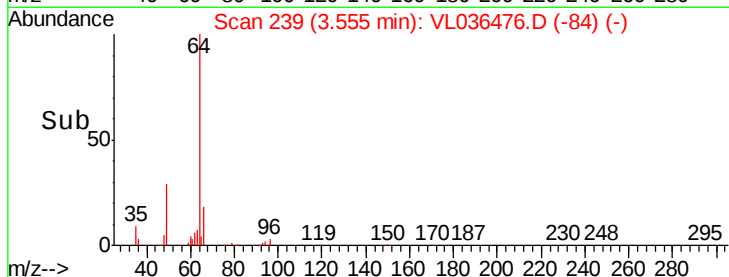
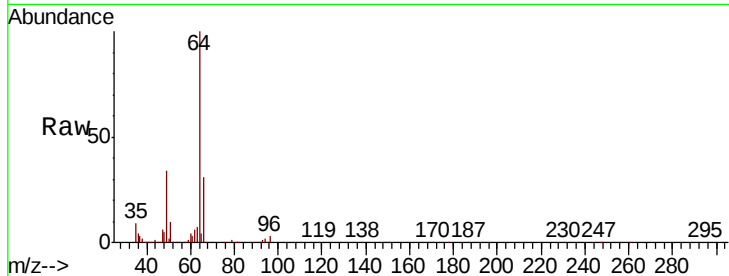
66 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#8

Dichlorotetrafluoroethane

Concen: 14.572 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.00 min

Lab File: VL036476.D

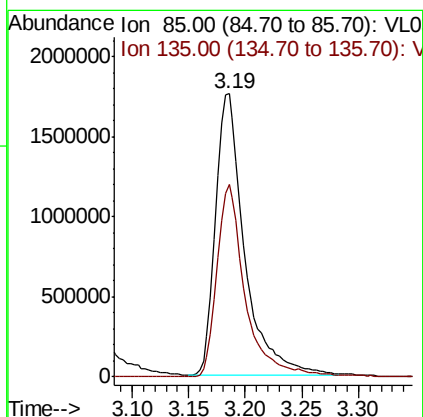
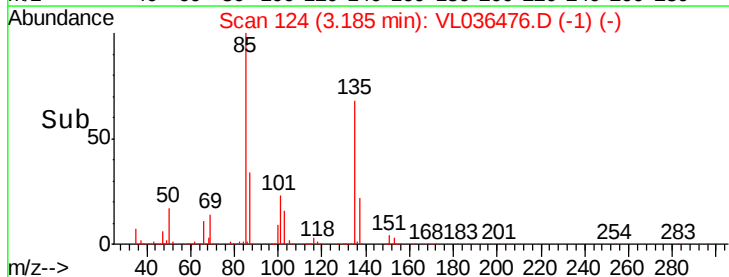
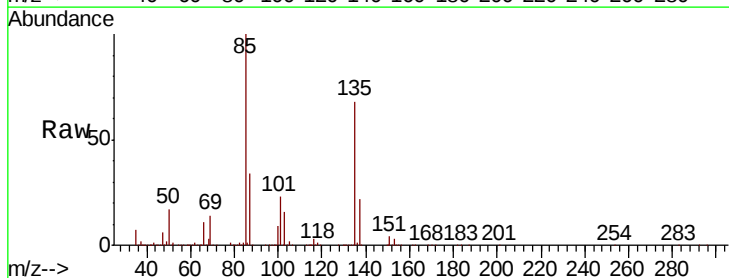
Acq: 25 Mar 2021 5:51

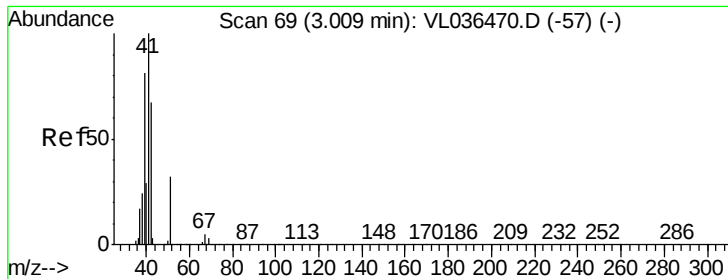
Tgt Ion: 85 Resp: 3138267

Ion Ratio Lower Upper

85 100

135 67.7 54.3 81.5



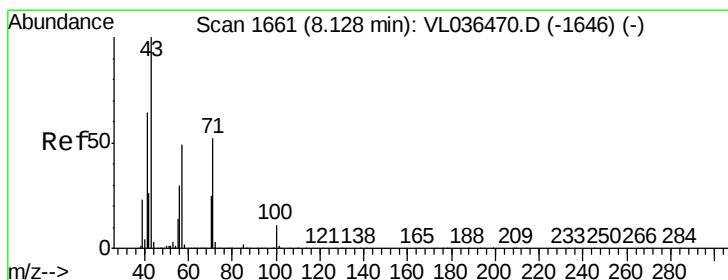
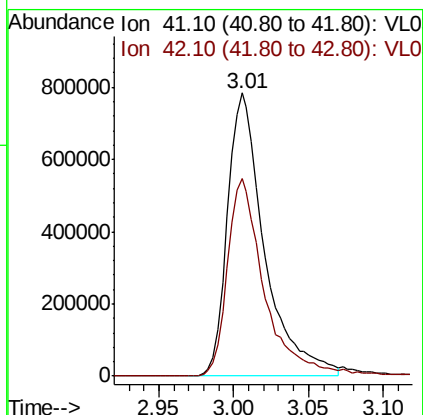
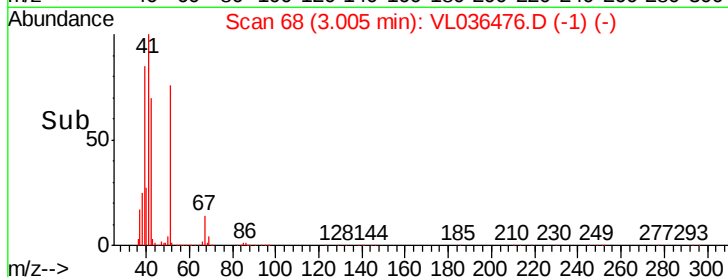
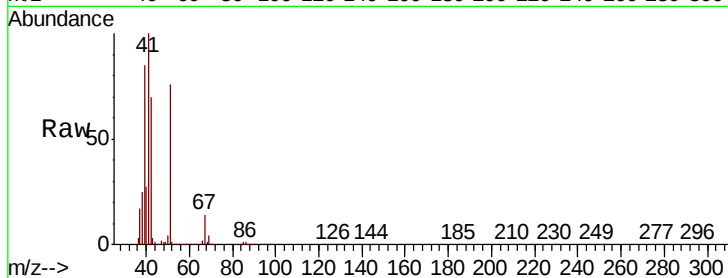


#9
 Propene
 Concen: 16.550 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 5:51

Tot Ion:
 Ion Ratio
 41 100
 42 70.

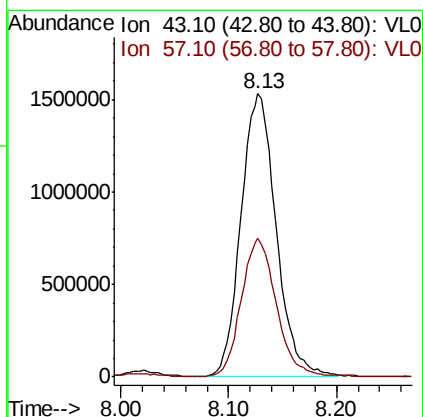
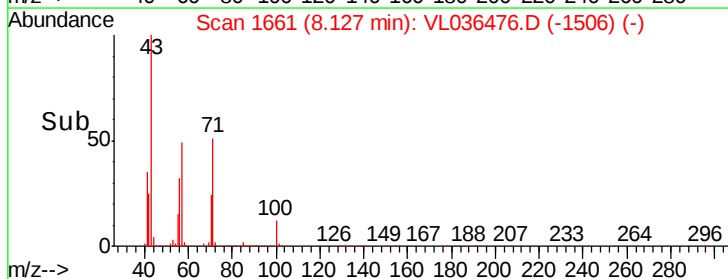
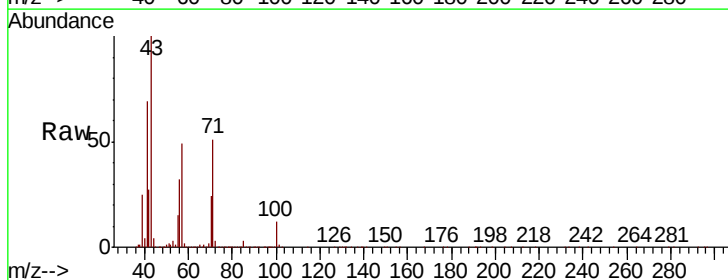
Manual Integrations
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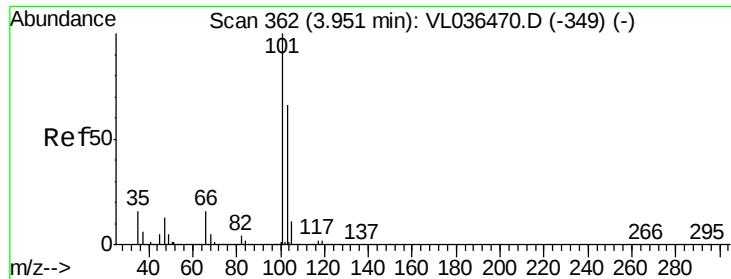
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#10
 Heptane
 Concen: 17.093 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion: 43 Resp: 3457259
 Ion Ratio Lower Upper
 43 100
 57 49.3 39.4 59.0



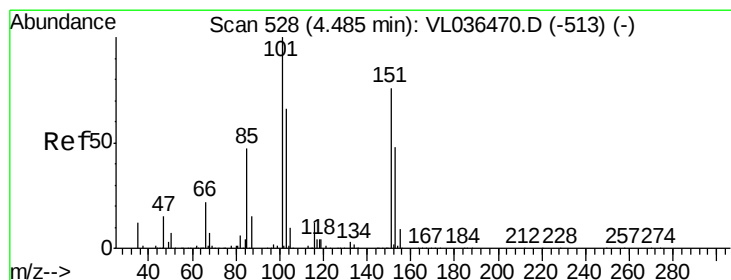
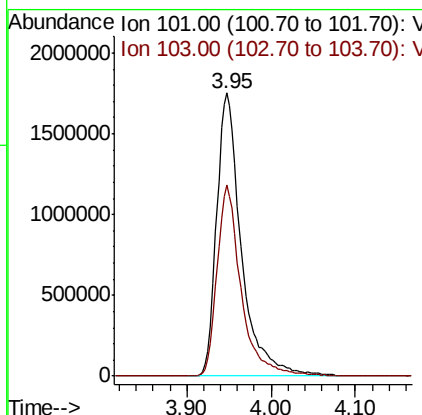
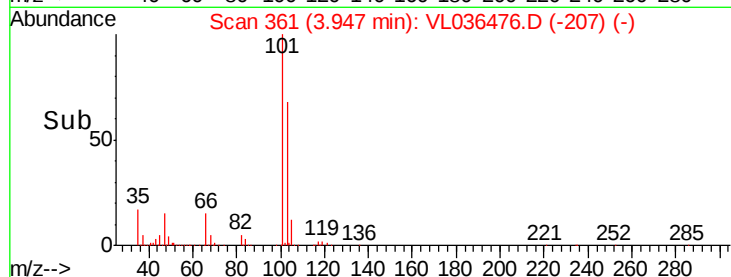
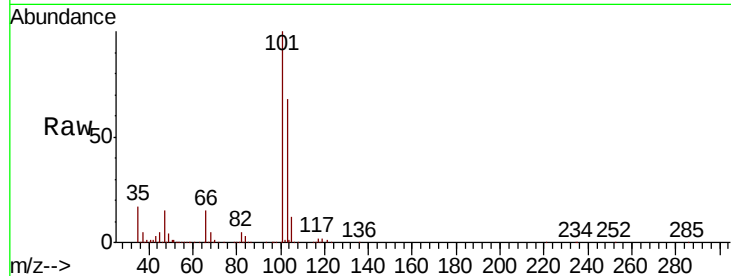


#11
 Trichlorofluoromethane
 Concen: 15.809 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 25 Mar 2021 5:51

Tot Ion:1
 Ion Rati
 101 100
 103 67.

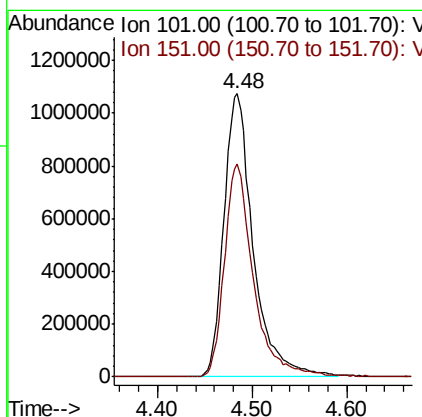
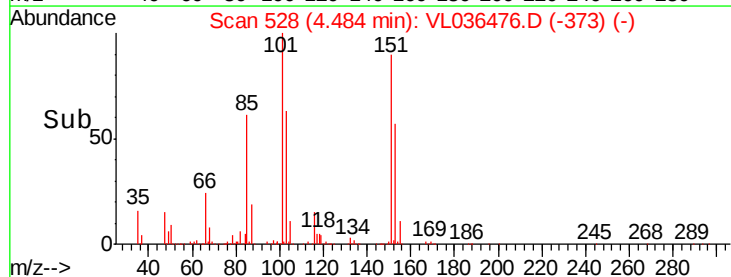
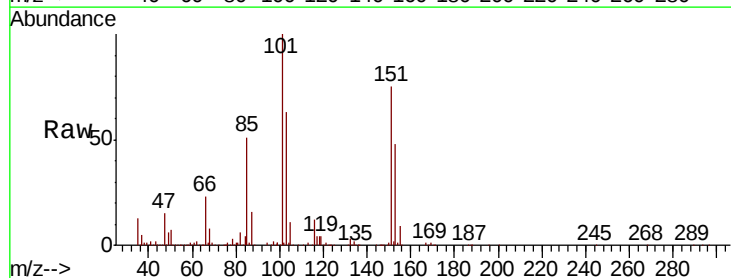
Manual Integrations
 APPROVED

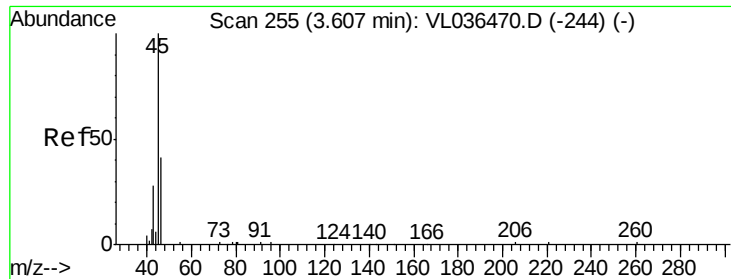
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 15.962 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion:101 Resp: 2316133
 Ion Ratio Lower Upper
 101 100
 151 74.8 60.9 91.3





#13

Ethanol

Concen: 12.865 ppbv m

RT: 3.61 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 VSTDIC015

5:51

Tot Ion:

Ion Ratio

45 100

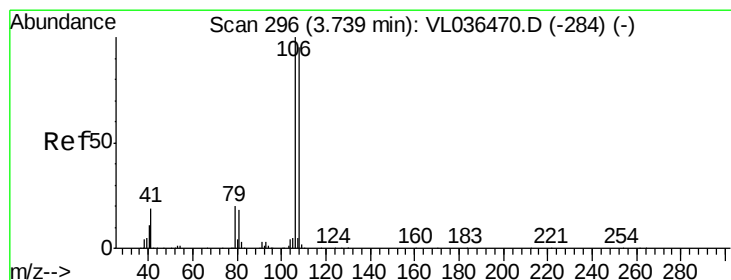
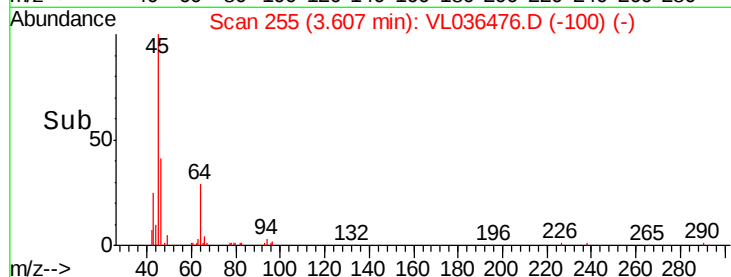
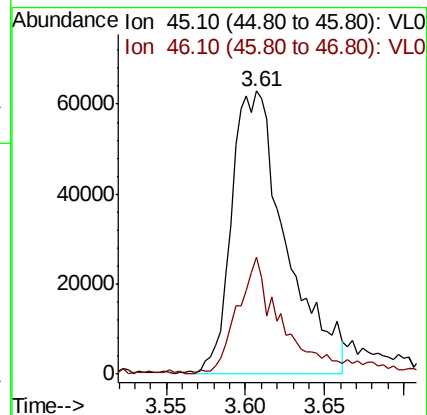
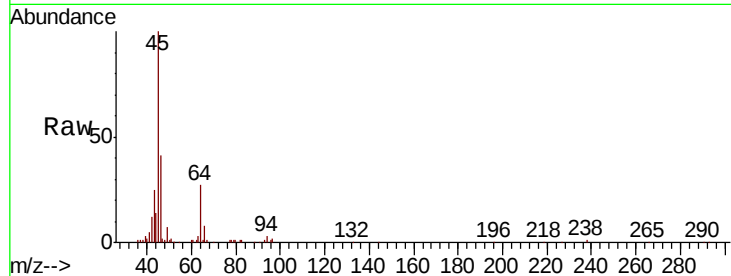
46 36.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#14

Bromoethene

Concen: 16.229 ppbv

RT: 3.74 min Scan# 295

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

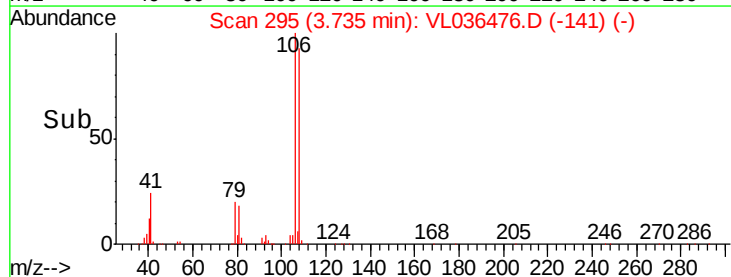
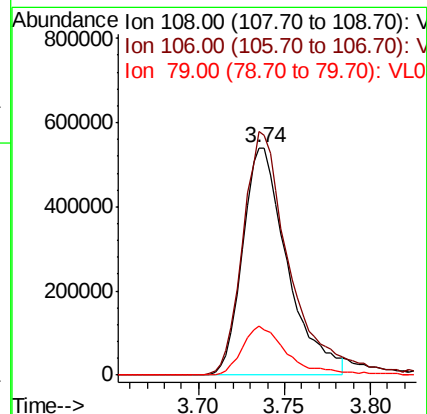
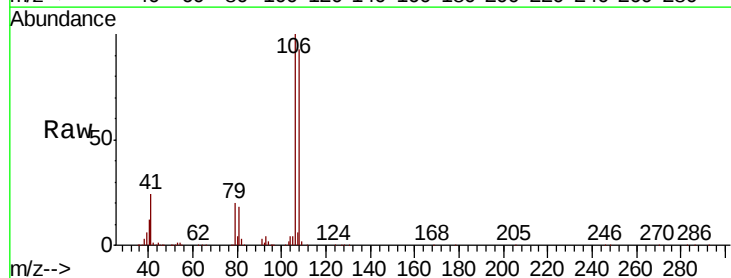
Tgt Ion:108 Resp: 975650

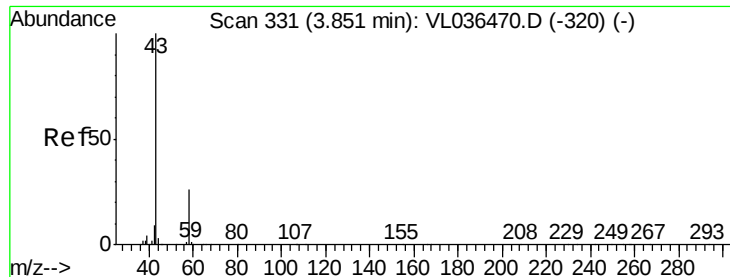
Ion Ratio Lower Upper

108 100

106 114.0 89.0 133.4

79 22.3 16.8 25.2





#15

Acetone

Concen: 11.912 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 5:51

Tot Ion:

Ion Ratio

43 100

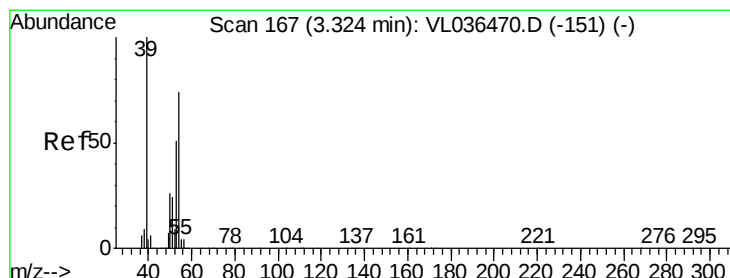
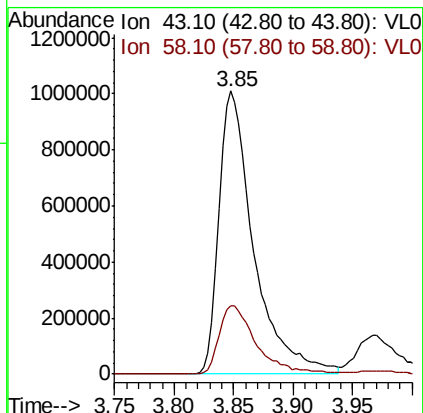
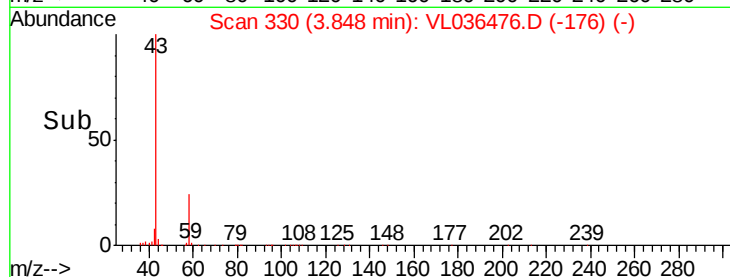
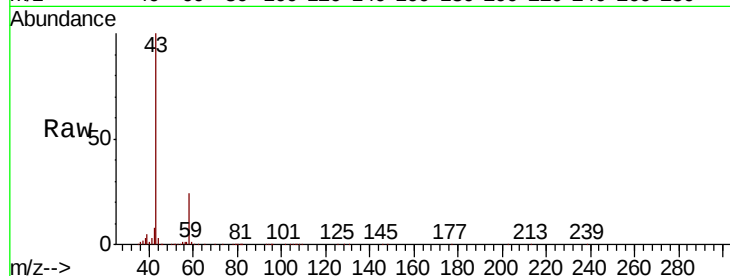
58 25.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#16

1,3-Butadiene

Concen: 17.236 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.00 min

Lab File: VL036476.D

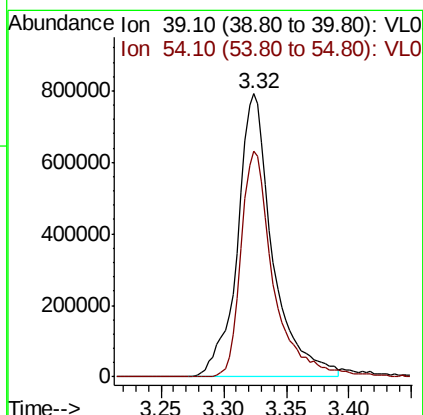
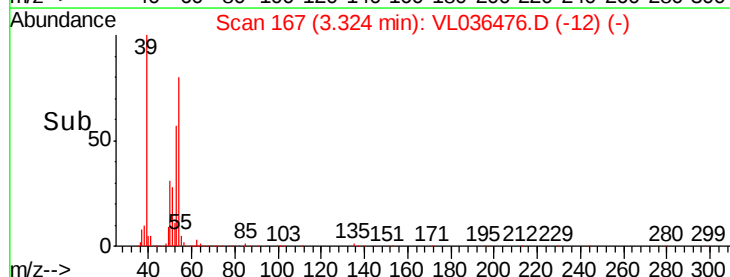
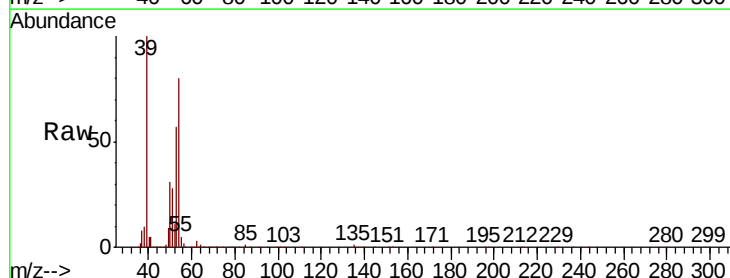
Acq: 25 Mar 2021 5:51

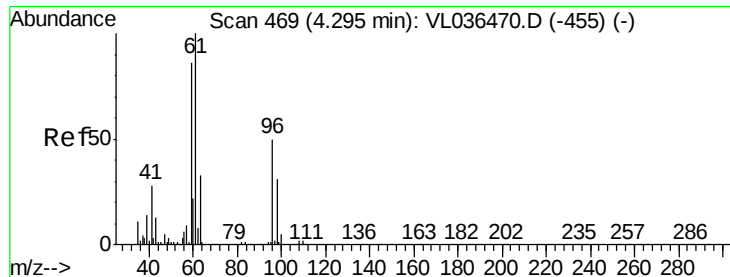
Tgt Ion: 39 Resp: 1535467

Ion Ratio Lower Upper

39 100

54 74.9 59.0 88.4





#17

tert-Butyl alcohol

Concen: 11.973 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51 VSTDIC015

Tot Ion:

Ion Ratio

59 100

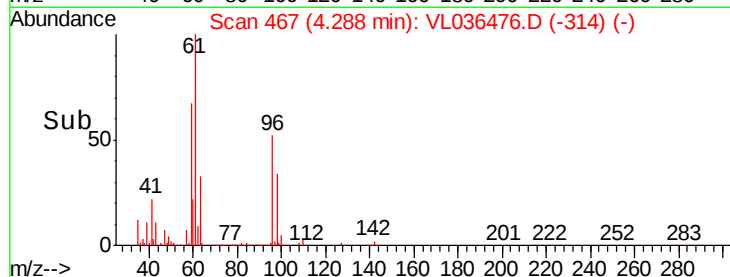
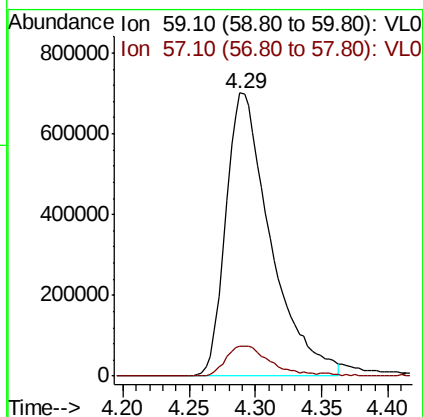
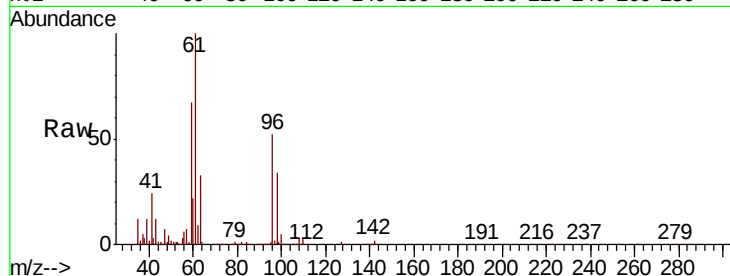
57 11.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#18

1,1-Dichloroethene

Concen: 15.912 ppbv

RT: 4.29 min Scan# 467

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

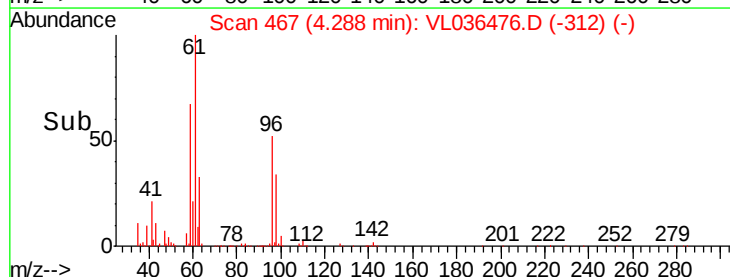
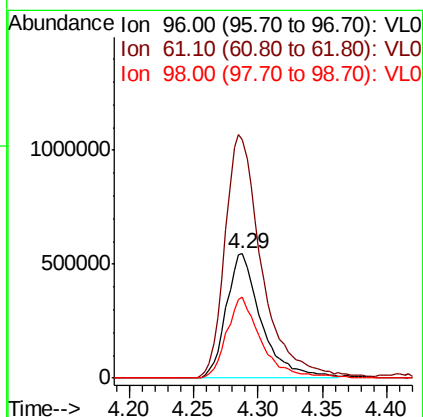
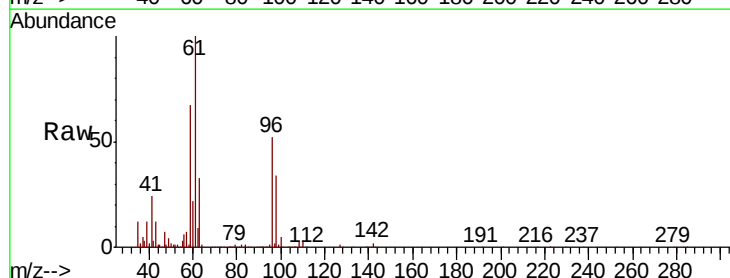
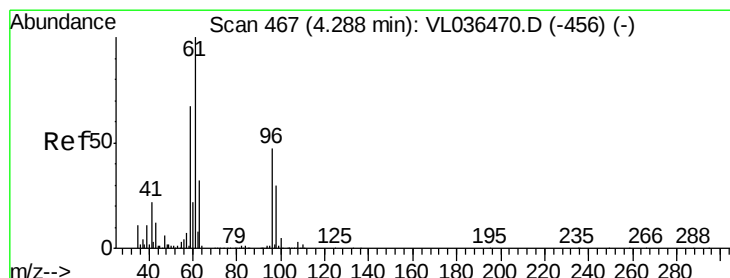
Tgt Ion: 96 Resp: 1031858

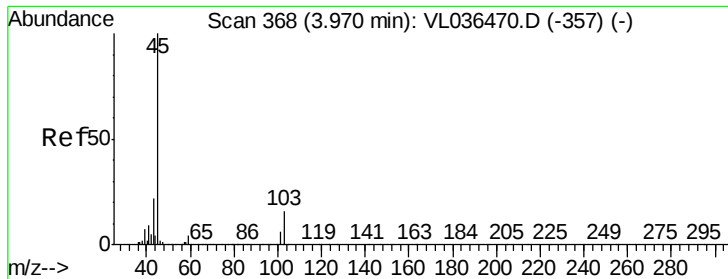
Ion Ratio Lower Upper

96 100

61 192.1 168.6 253.0

98 64.8 50.8 76.2





#19

Isopropyl Alcohol

Concen: 10.866 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 5:51

Tot Ion:

Ion Ratio

45 100

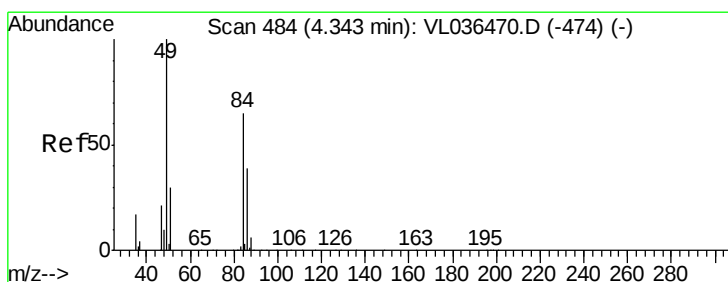
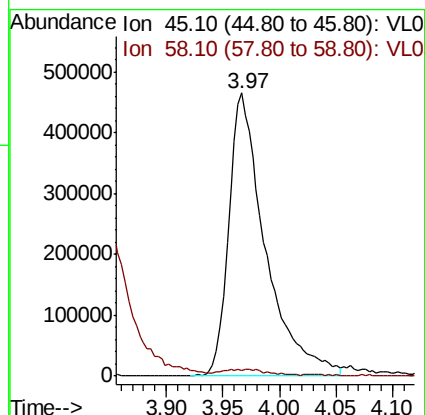
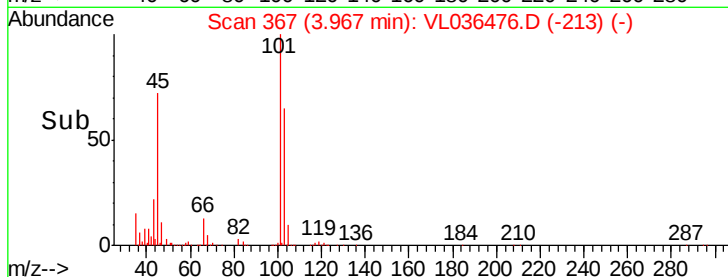
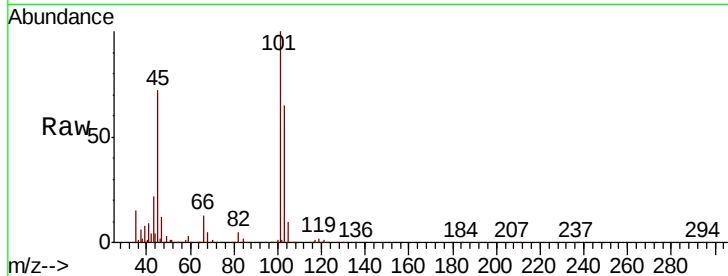
58 3.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#20

Methylene Chloride

Concen: 14.820 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

Tgt Ion: 84 Resp: 916294

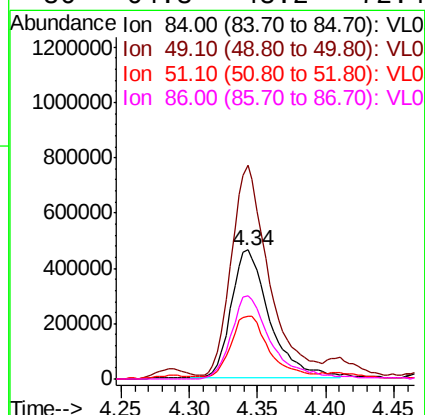
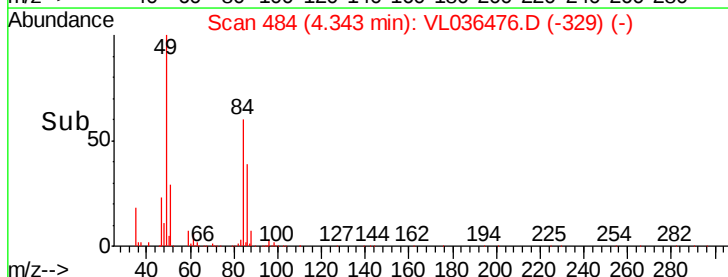
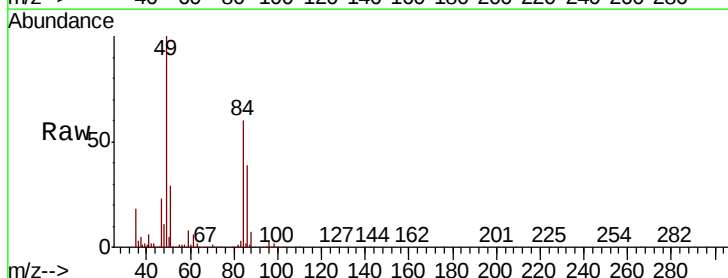
Ion Ratio Lower Upper

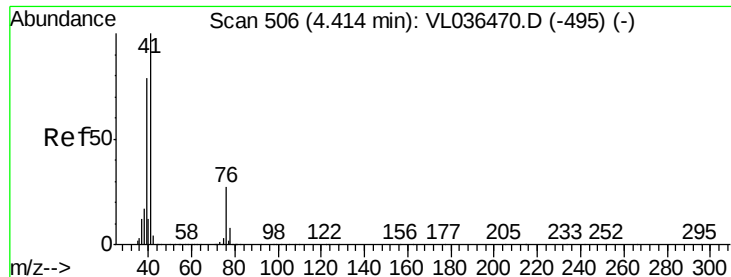
84 100

49 162.7 122.9 184.3

51 46.6 36.9 55.3

86 64.3 48.2 72.4





#21

Allvl Chloride

Concen: 17.371 ppbv

RT: 4.41 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51 VSTDIC015

Tot Ion:

Ion Ratio

41 100

76 27.

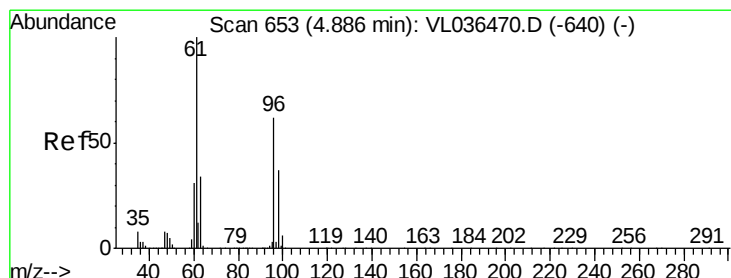
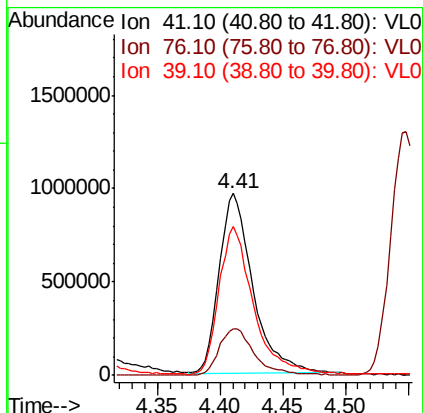
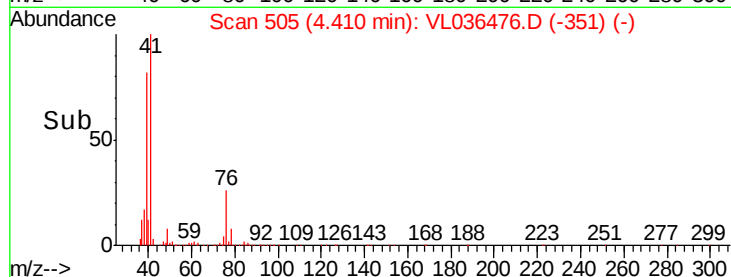
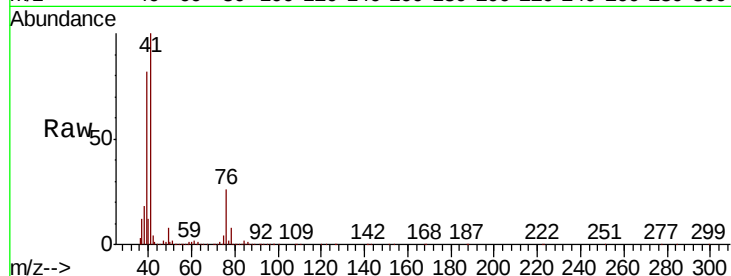
39 83.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#22

trans-1,2-Dichloroethene

Concen: 17.109 ppbv

RT: 4.89 min Scan# 653

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

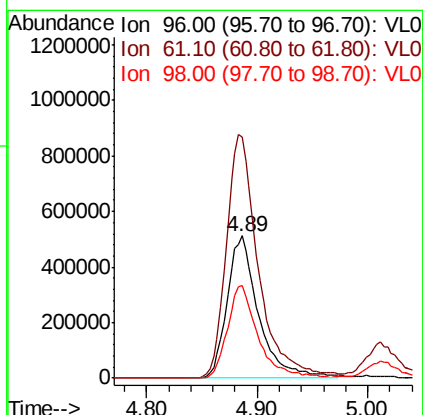
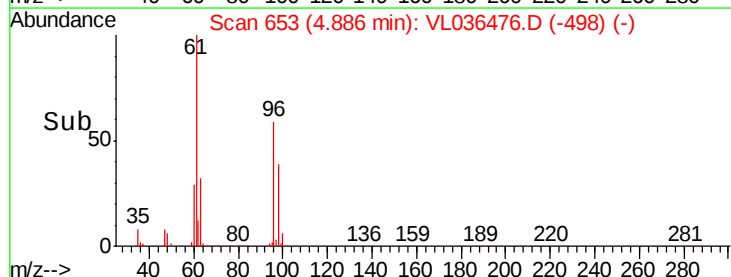
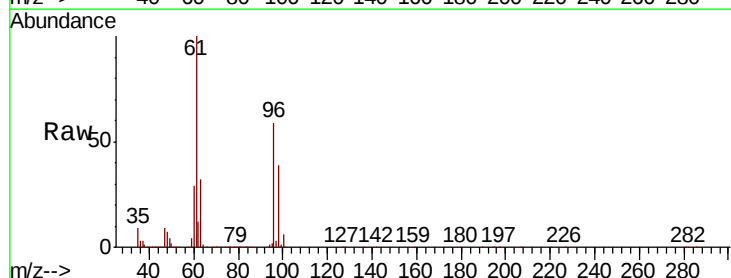
Tgt Ion: 96 Resp: 1011190

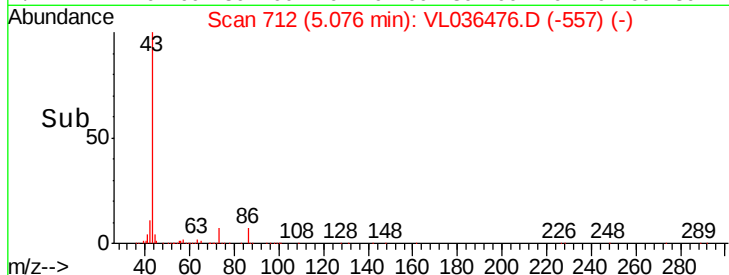
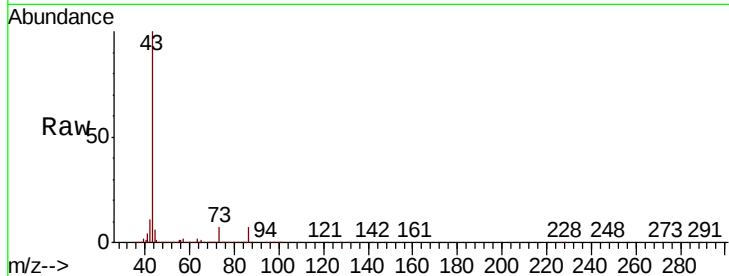
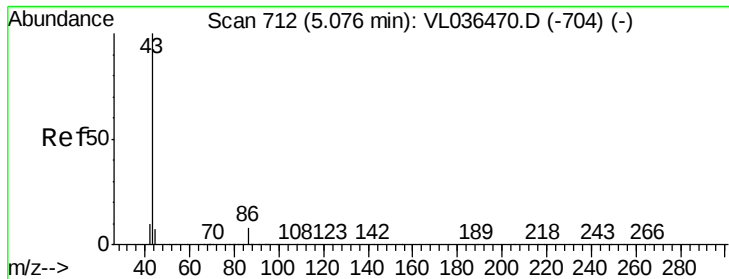
Ion Ratio Lower Upper

96 100

61 170.0 129.4 194.0

98 65.5 48.2 72.4





#23

Vinyl Acetate

Concen: 18.313 ppbv

RT: 5.08 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51 VSTDIC015

Tot Ion:

Ion Ratio

43 100

86 6.

42 11.

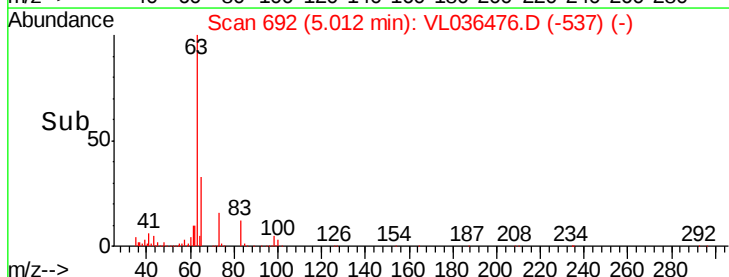
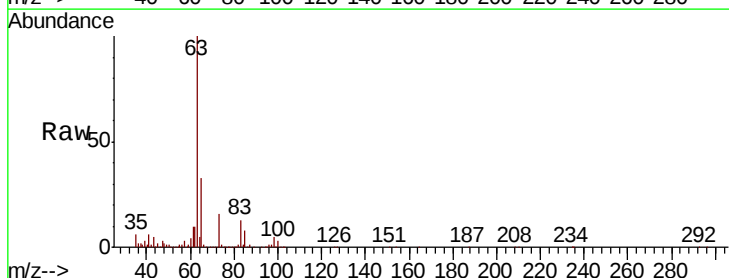
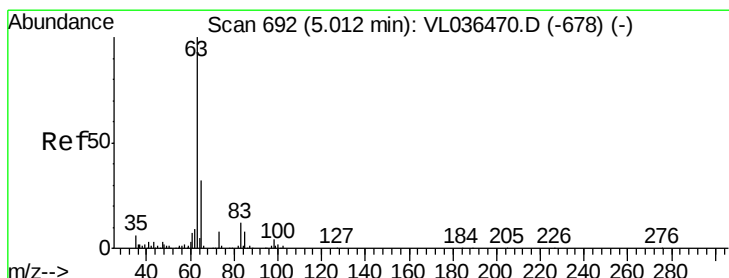
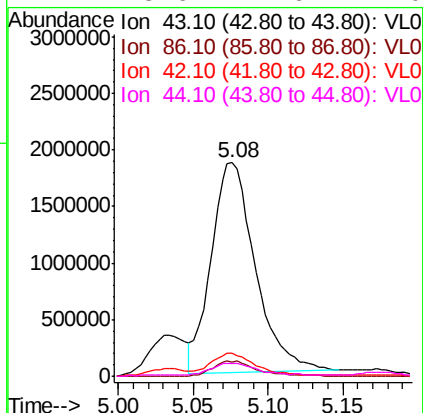
44 5.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#24

1,1-Dichloroethane

Concen: 16.594 ppbv

RT: 5.01 min Scan# 692

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

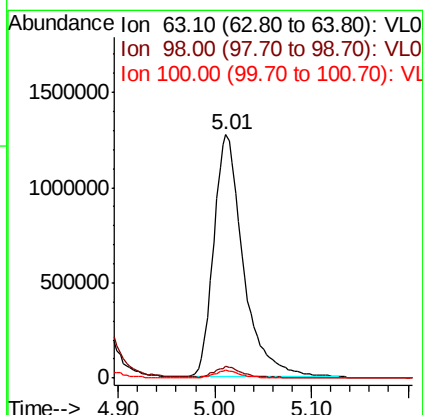
Tgt Ion: 63 Resp: 2705796

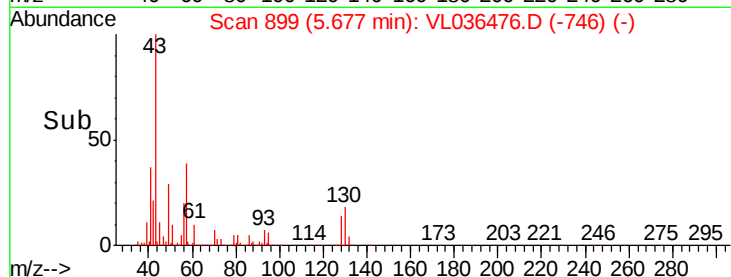
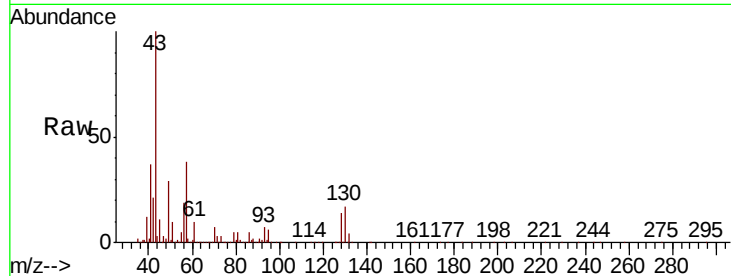
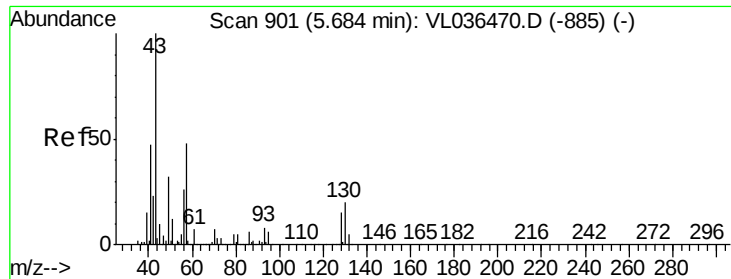
Ion Ratio Lower Upper

63 100

98 4.9 2.1 6.2

100 3.0 0.9 2.8#



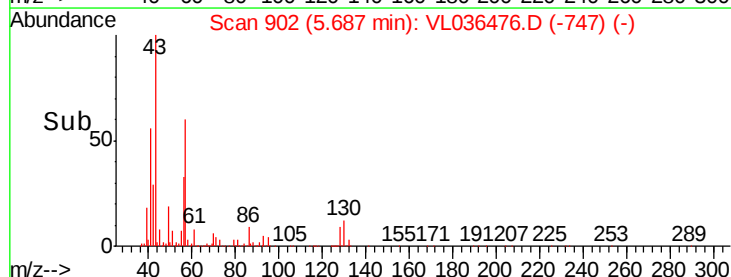
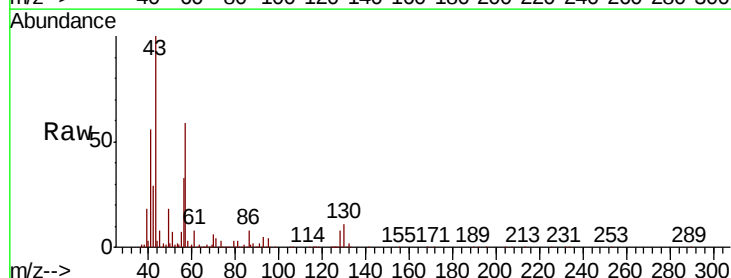
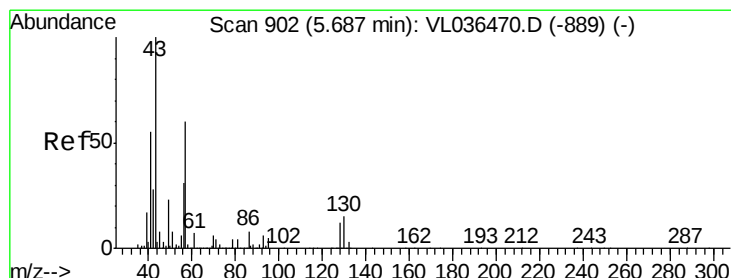
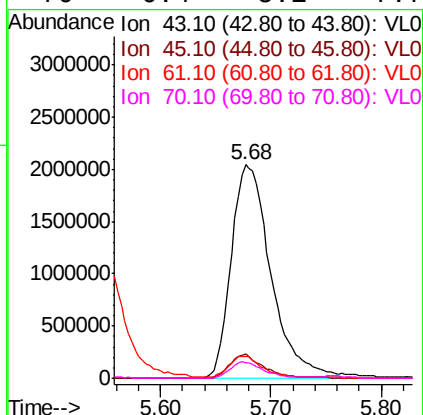


#25
Ethyl Acetate
Concen: 14.729 ppbv
RT: 5.68
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 5:51

Tot Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio: 43 100
45 9.
61 9.
70 6.4 5.1 7.7

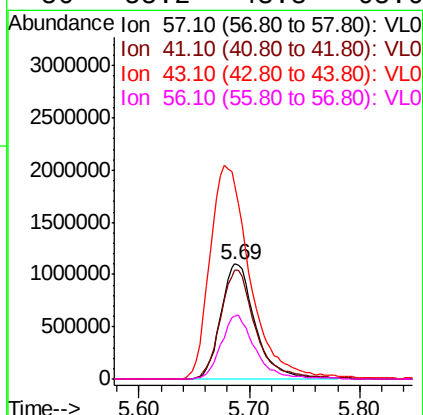
Manual Integrations
APPROVED

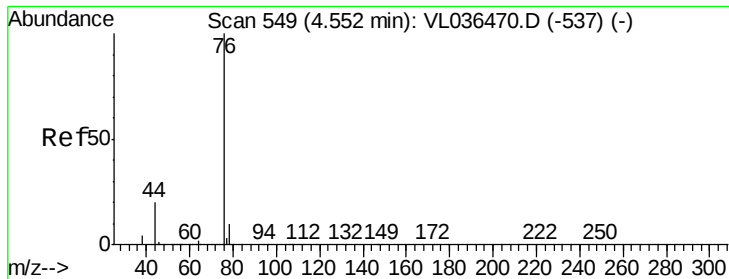
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#26
Hexane
Concen: 16.345 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion: 57 Resp: 2376395
Ion Ratio Lower Upper
57 100
41 97.5 77.3 115.9
43 217.4 174.8 262.2
56 55.2 43.8 65.6





#27

Carbon Disulfide

Concen: 18.697 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51 VSTDIC015

Tot Ion:

Ion Ratio

76 100

44 21.

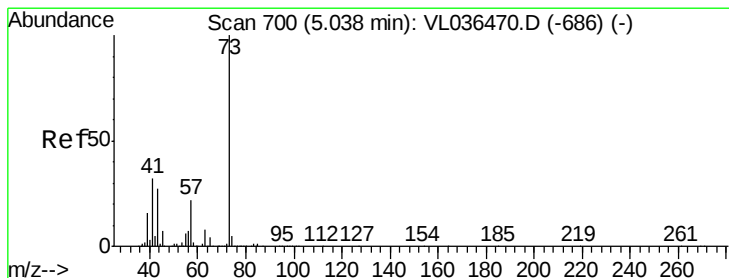
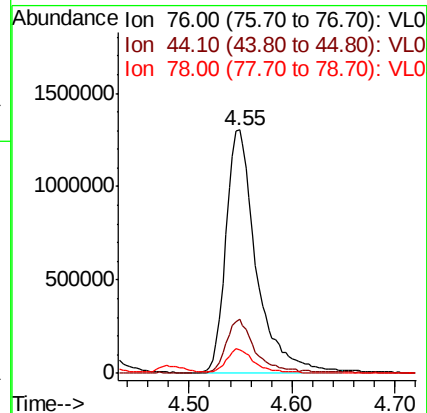
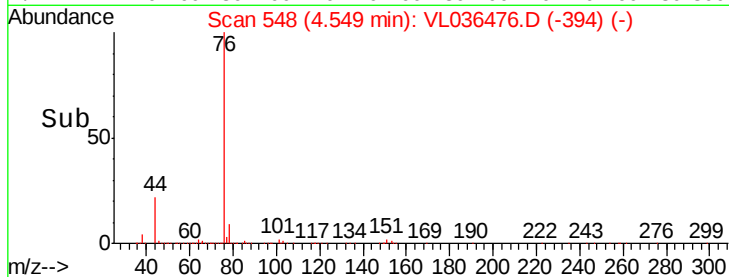
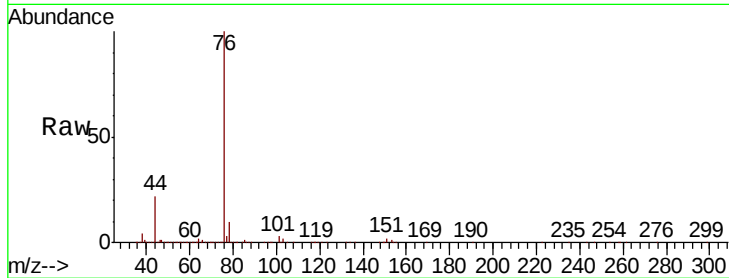
78 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#28

Methyl tert-Butyl Ether

Concen: 14.731 ppbv

RT: 5.03 min Scan# 699

Delta R.T. -0.00 min

Lab File: VL036476.D

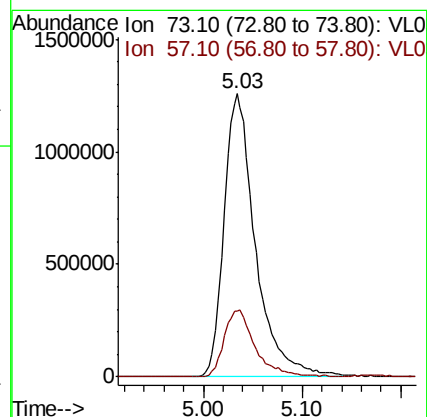
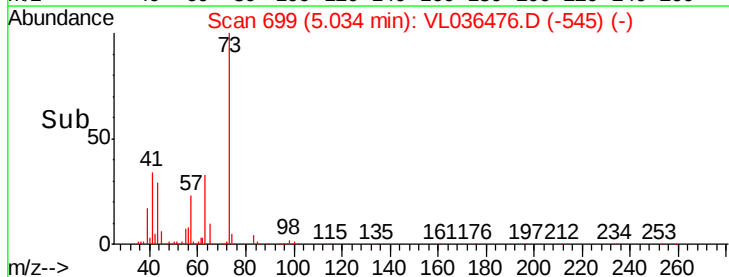
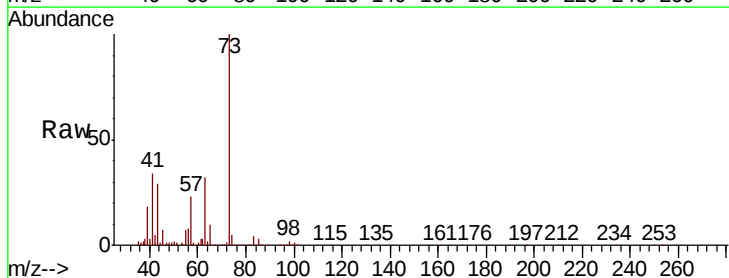
Acq: 25 Mar 2021 5:51

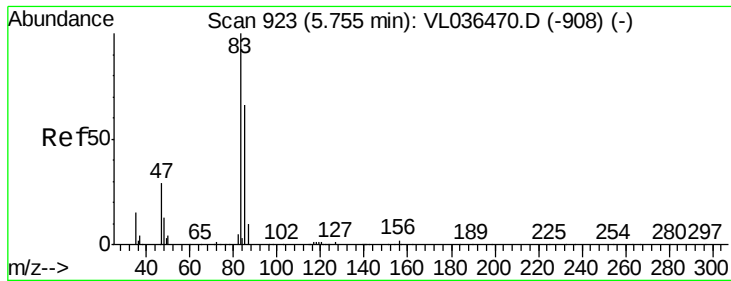
Tgt Ion: 73 Resp: 2801289

Ion Ratio Lower Upper

73 100

57 23.5 18.6 27.8



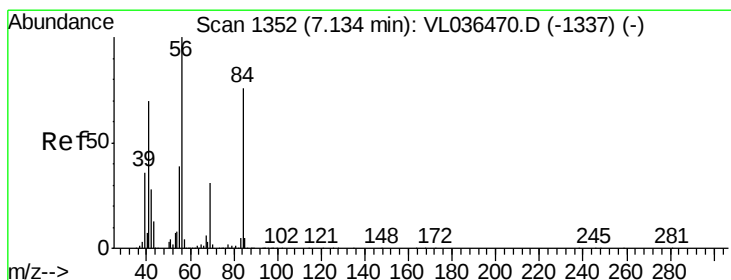
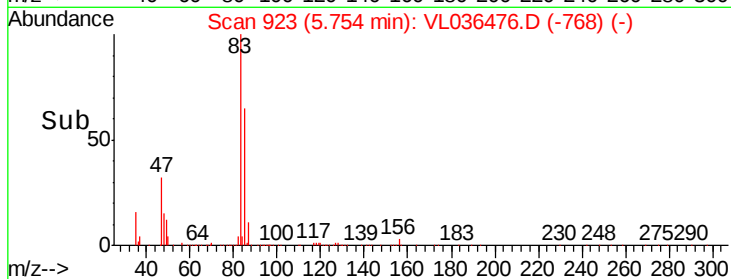
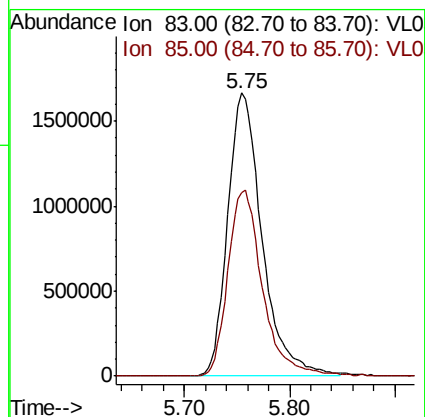
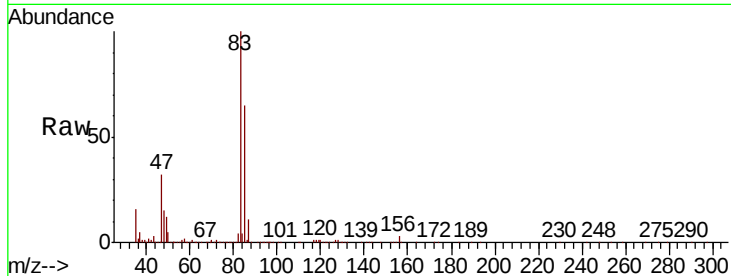


#29
Chloroform
Concen: 15.966 ppbv
RT: 5.75
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 5:51

Tot Ion:
Ion Ratio
83 100
85 64.

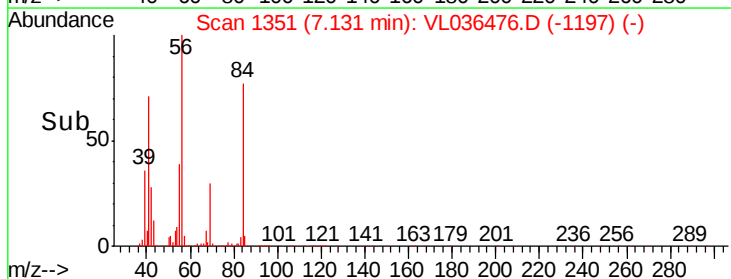
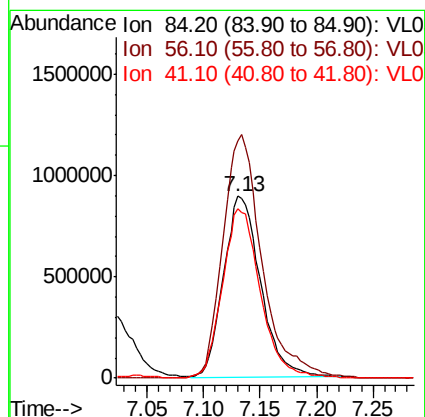
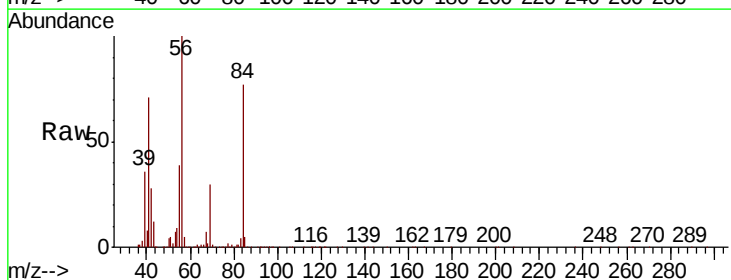
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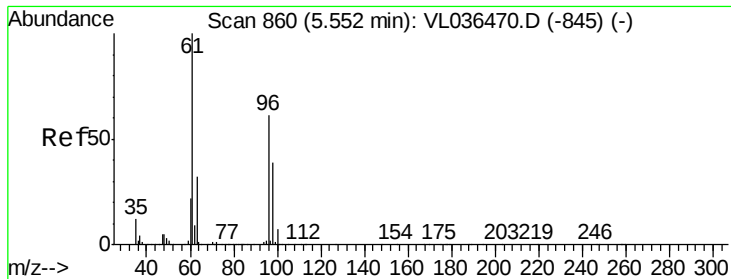
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#30
Cyclohexane
Concen: 16.994 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion: 84 Resp: 2043169
Ion Ratio Lower Upper
84 100
56 142.2 114.6 171.8
41 95.8 75.3 112.9





#31

cis-1,2-Dichloroethene

Concen: 17.391 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC015

Acq: 25 Mar 2021 5:51

Tot Ion:

Ion Ratio

61 100

96 66.

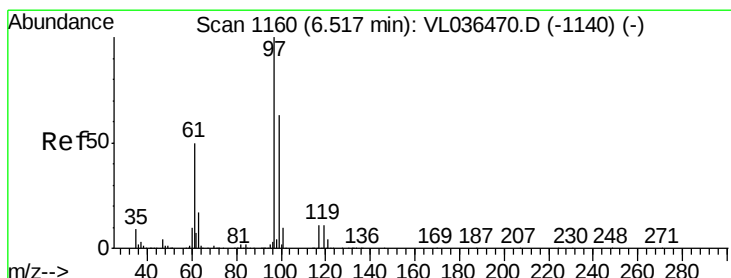
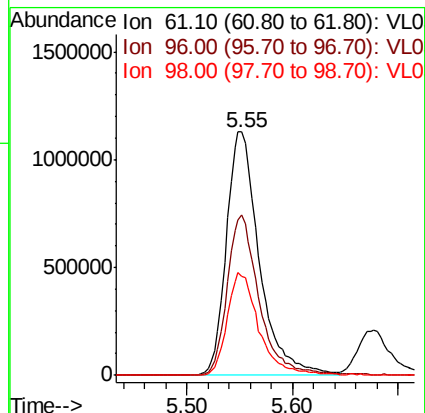
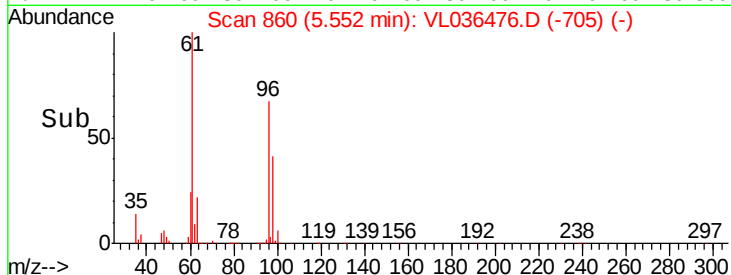
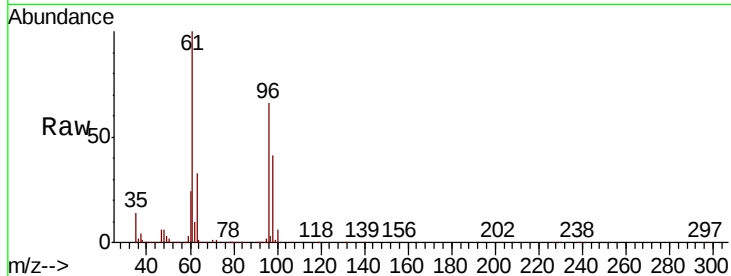
98 40.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#32

1,1,1-Trichloroethane

Concen: 15.912 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

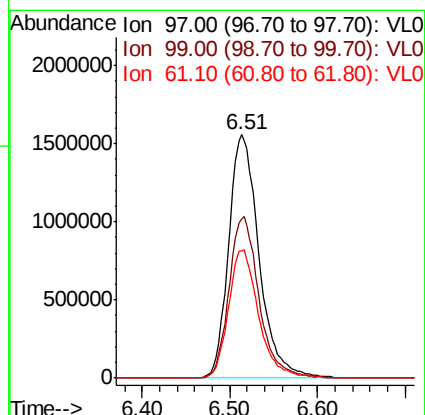
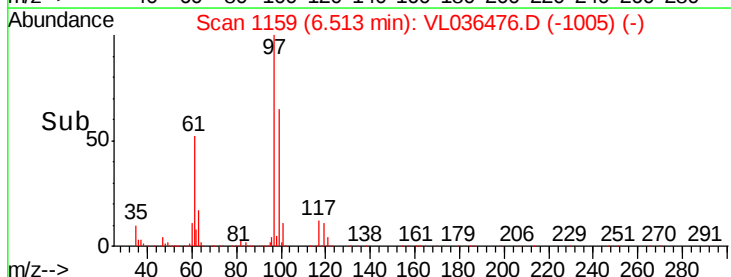
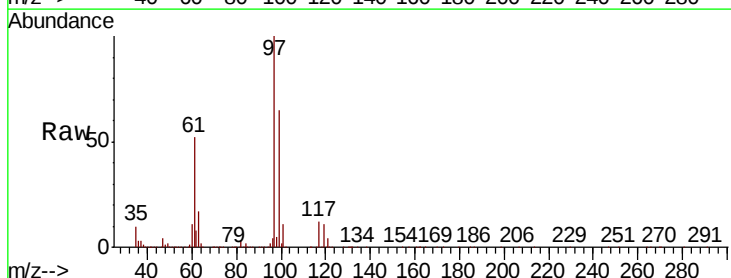
Tgt Ion: 97 Resp: 3759274

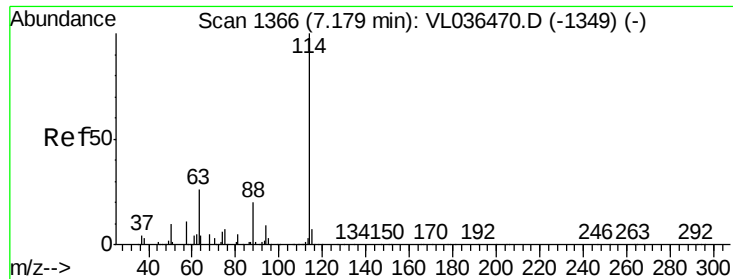
Ion Ratio Lower Upper

97 100

99 65.6 51.4 77.0

61 52.1 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 5:51

Tot Ion:1

Ion Rati

114 100

63 28.

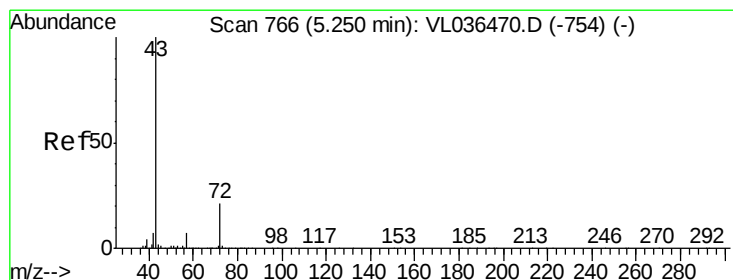
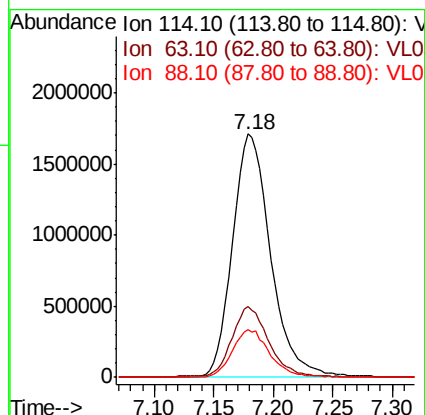
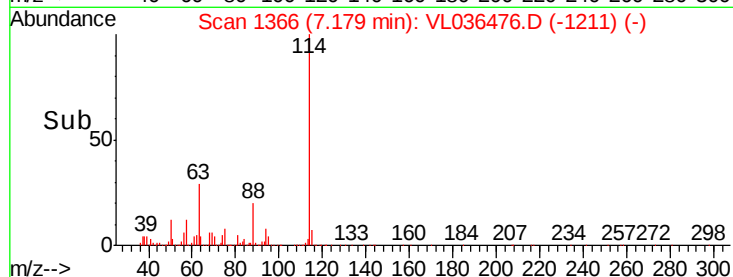
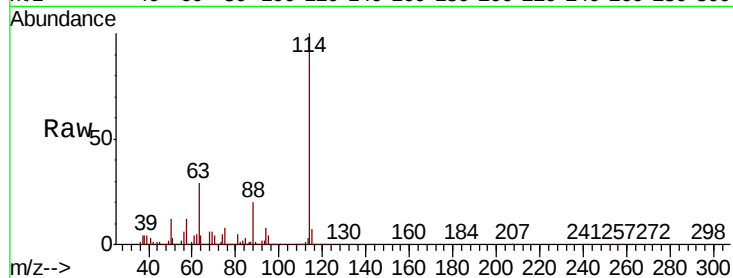
88 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#34

2-Butanone

Concen: 12.120 ppbv

RT: 5.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VL036476.D

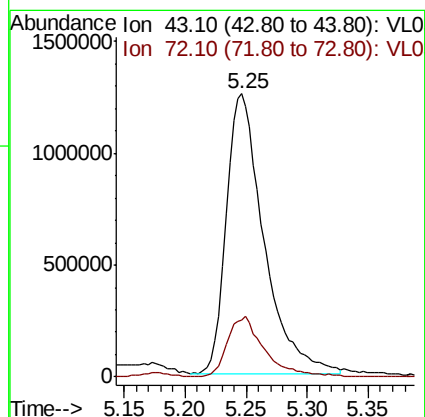
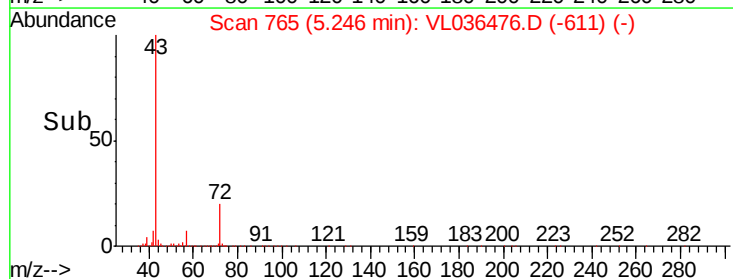
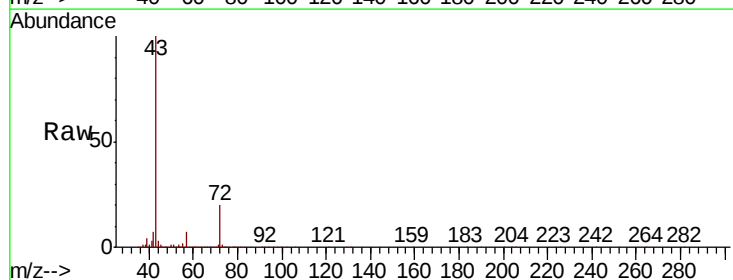
Acq: 25 Mar 2021 5:51

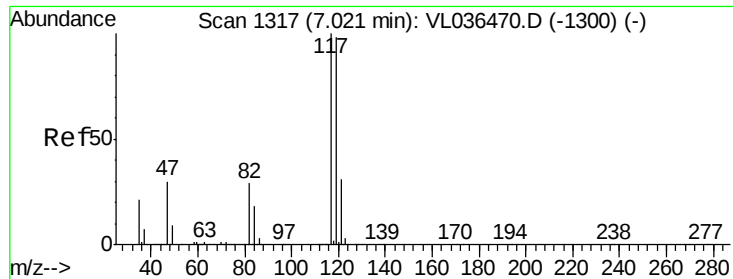
Tgt Ion: 43 Resp: 2690462

Ion Ratio Lower Upper

43 100

72 21.4 17.0 25.6



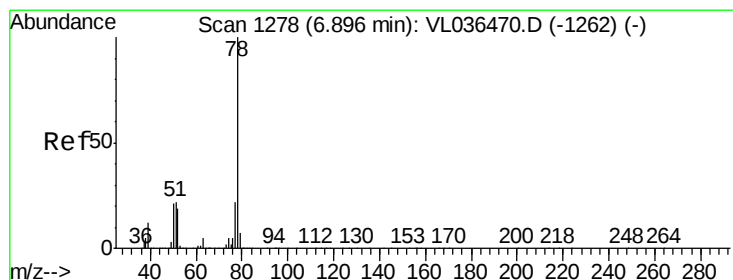
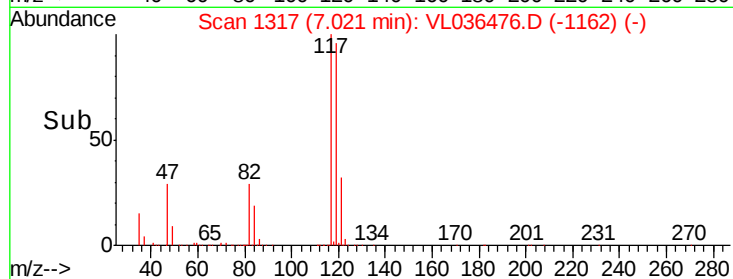
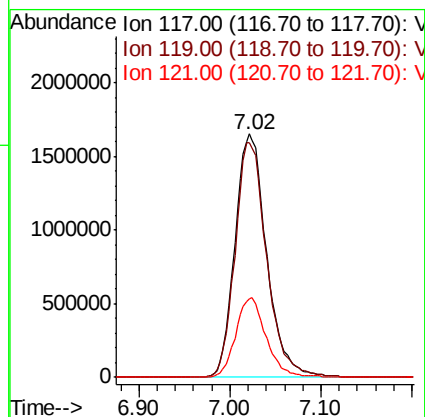
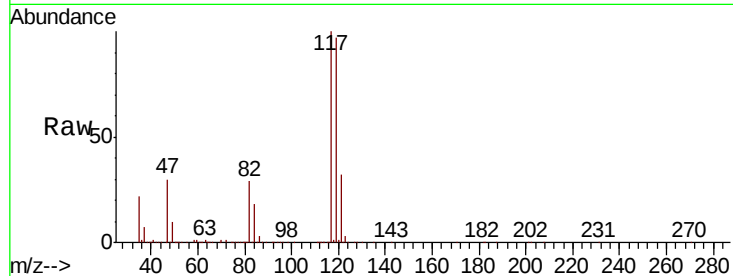


#35
Carbon Tetrachloride
Concen: 15.947 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 25 Mar 2021 5:51

Tot Ion:1
Ion Rati
117 100
119 96.
121 32.

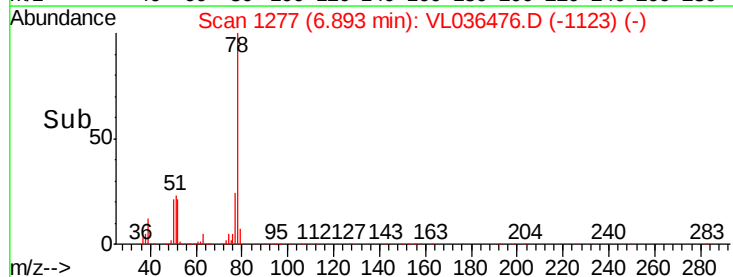
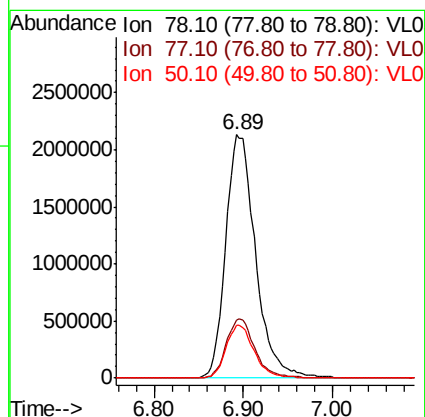
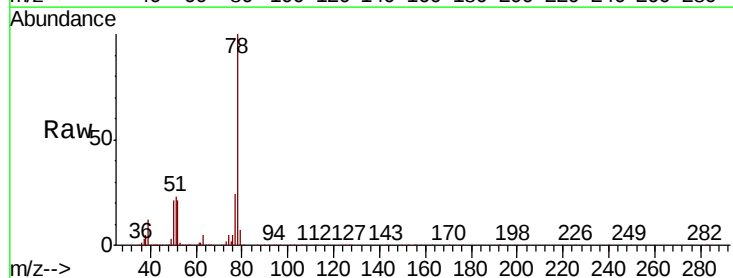
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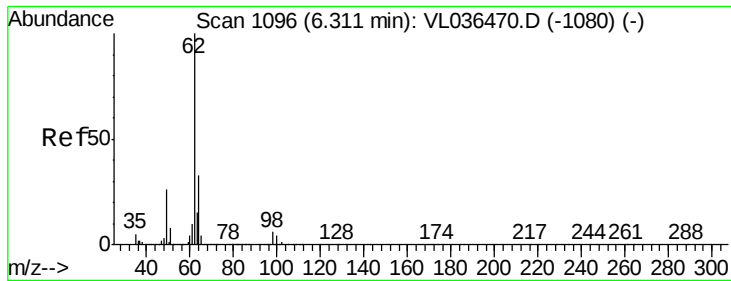
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#36
Benzene
Concen: 16.306 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion: 78 Resp: 4937730
Ion Ratio Lower Upper
78 100
77 24.0 18.0 27.0
50 21.5 16.5 24.7



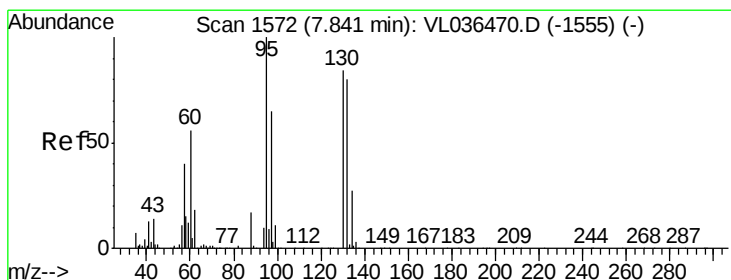
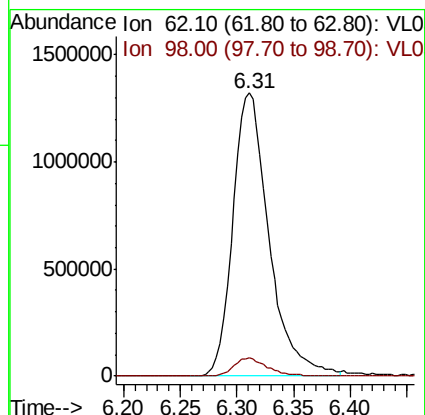
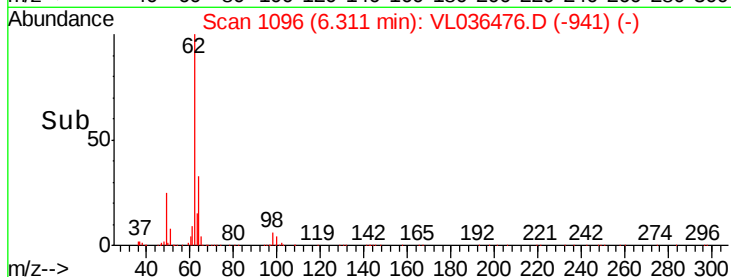
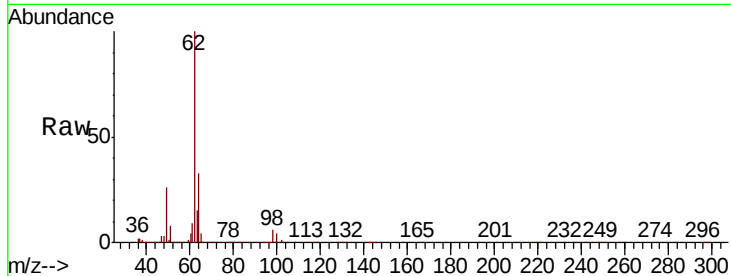


#37
 1,2-Dichloroethane
 Concen: 15.599 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 25 Mar 2021 5:51

Tot Ion:
 Ion Ratio
 62 100
 98 6.

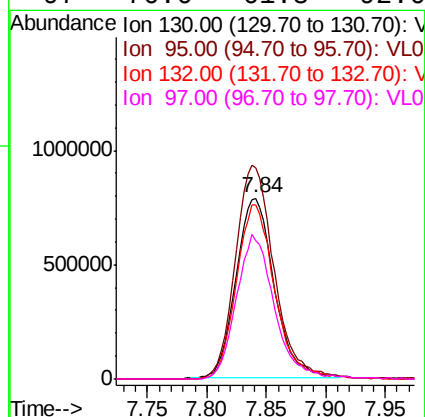
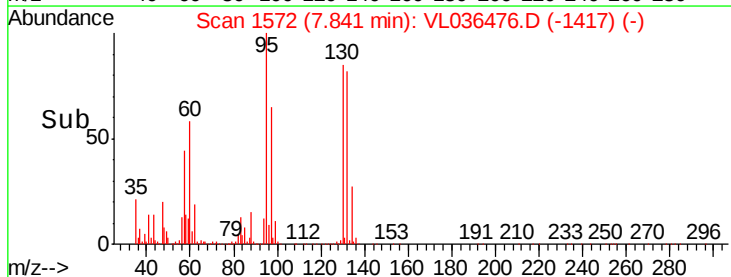
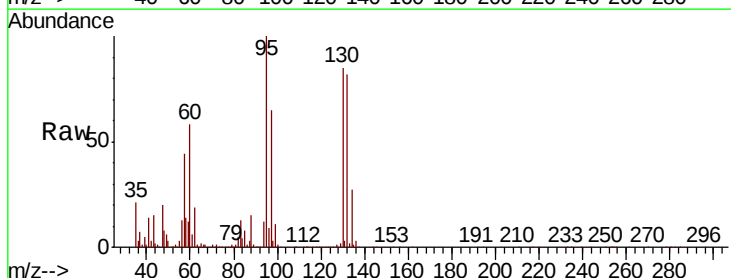
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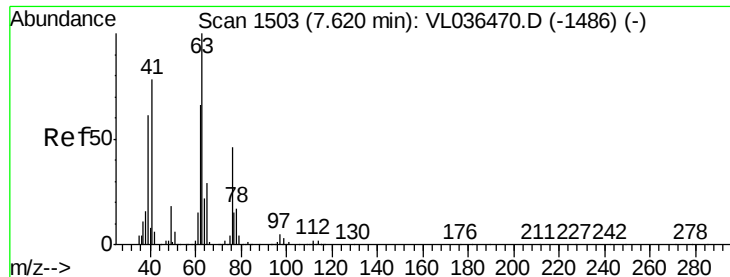
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#38
 Trichloroethene
 Concen: 15.497 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion:130 Resp: 1761169
 Ion Ratio Lower Upper
 130 100
 95 117.6 95.7 143.5
 132 96.8 76.2 114.4
 97 76.6 61.8 92.6



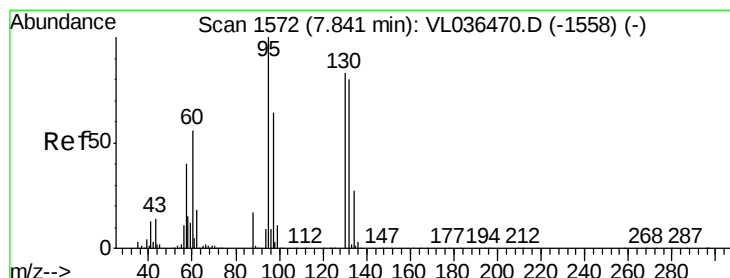
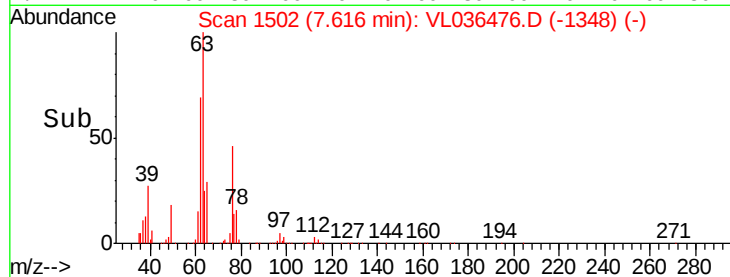
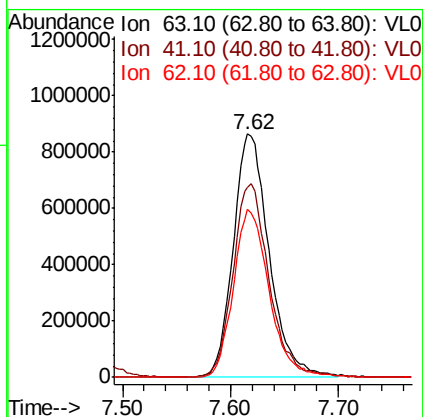
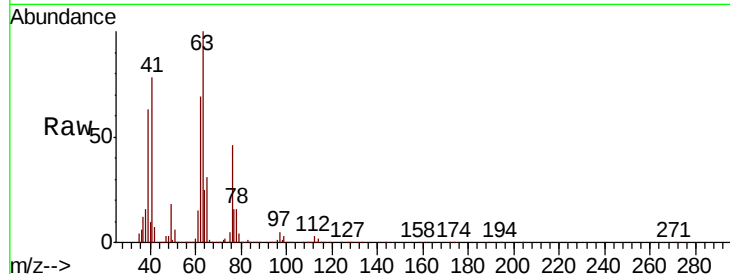


#39
 1,2-Dichloropropane
 Concen: 15.501 ppbv
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 25 Mar 2021 5:51

Tot Ion:
 Ion Ratio
 63 100
 41 77.
 62 68.

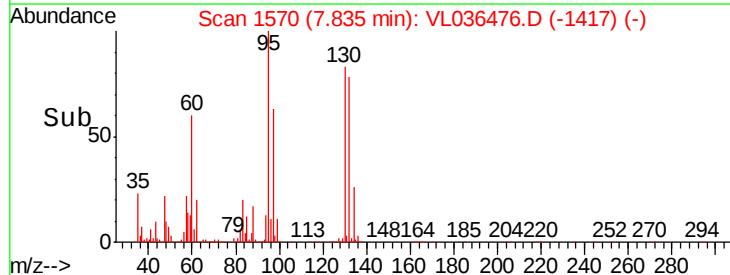
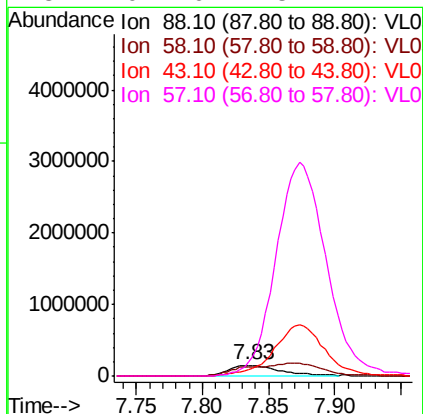
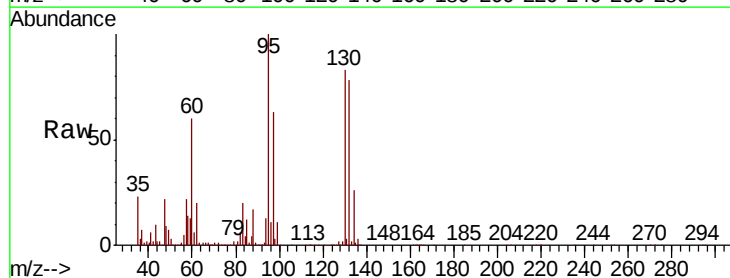
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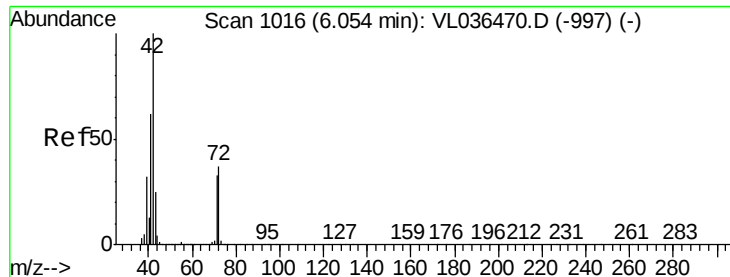
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#40
 1,4-Dioxane
 Concen: 10.037 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion: 88 Resp: 396430
 Ion Ratio Lower Upper
 88 100
 58 182.8 135.3 202.9
 43 484.4 347.4 521.0
 57 2022.0 1481.4 2222.0



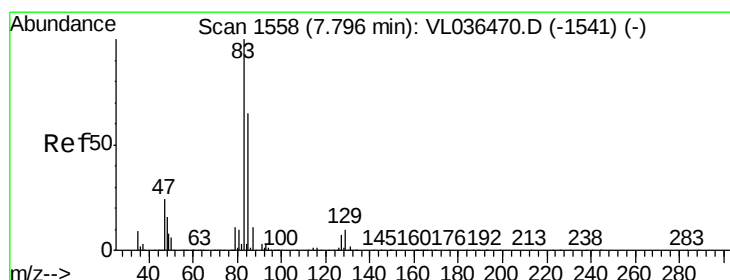
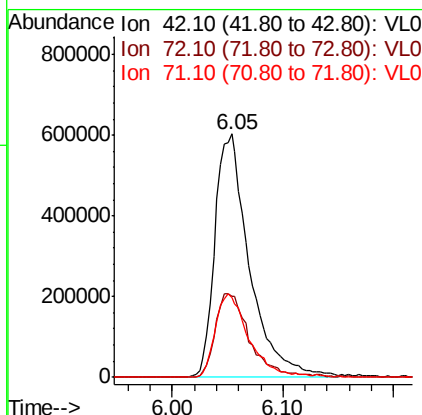
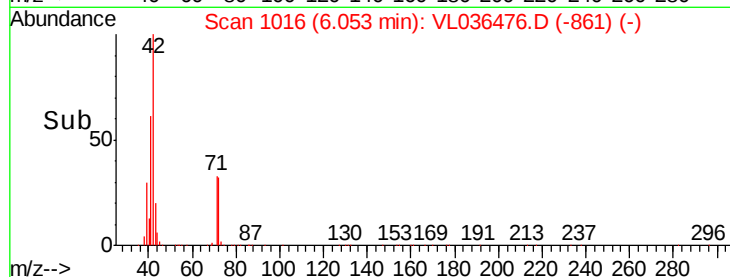
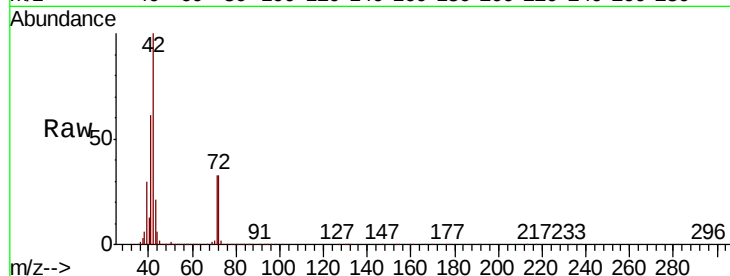


#41
Tetrahydrofuran
Concen: 11.034 ppbv
RT: 6.05
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 5:51

Tot Ion:
Ion Ratio
42 100
72 35.
71 34.

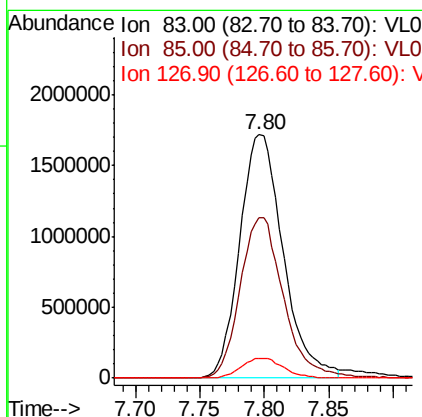
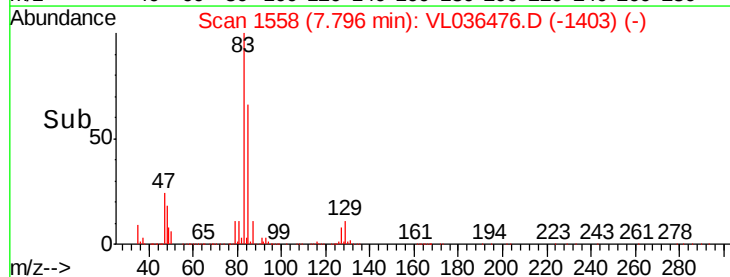
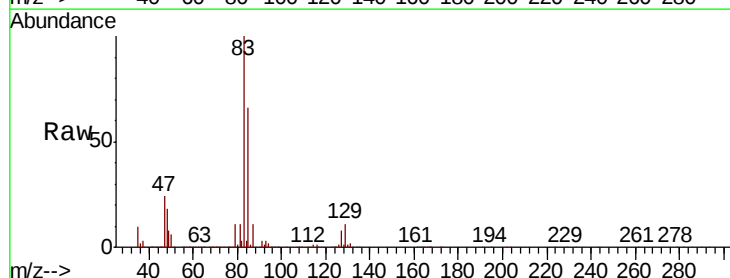
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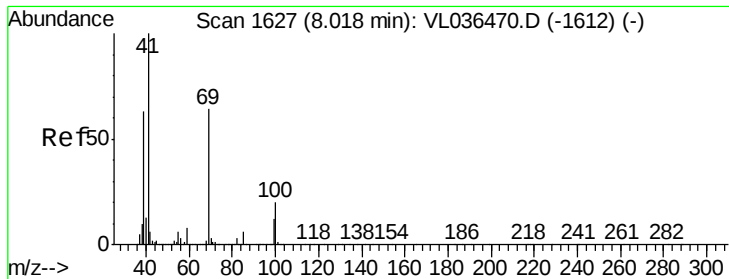
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#42
Bromodichloromethane
Concen: 15.773 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion: 83 Resp: 4032871
Ion Ratio Lower Upper
83 100
85 66.1 51.8 77.6
127 8.2 5.8 8.8



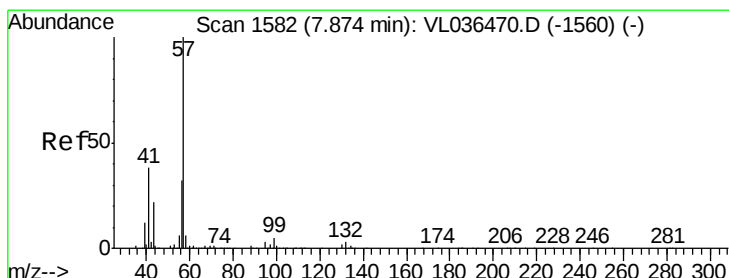
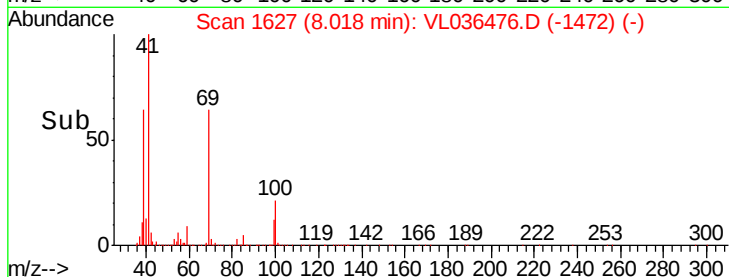
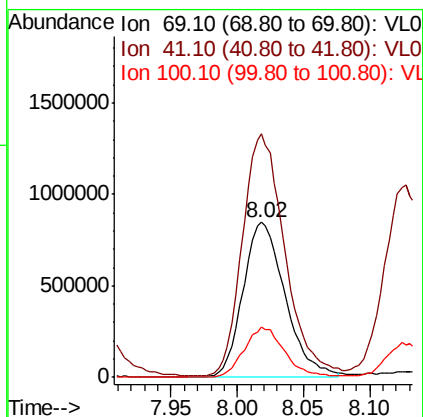
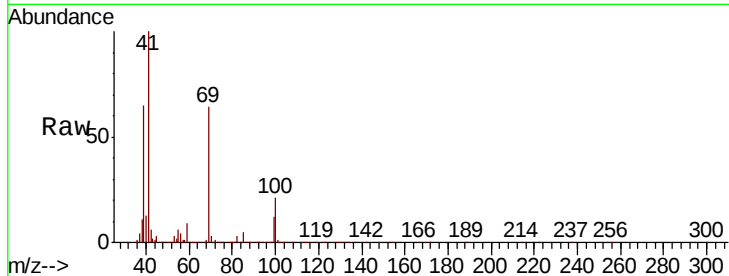


#43
Methvl Methacrvlate
Concen: 15.823 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 5:51

Tot Ion:
Ion Ratio
69 100
41 159.
100 31.

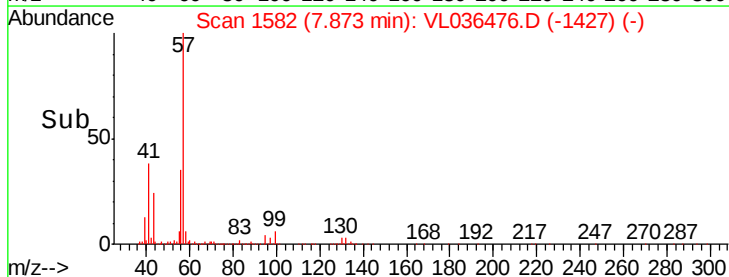
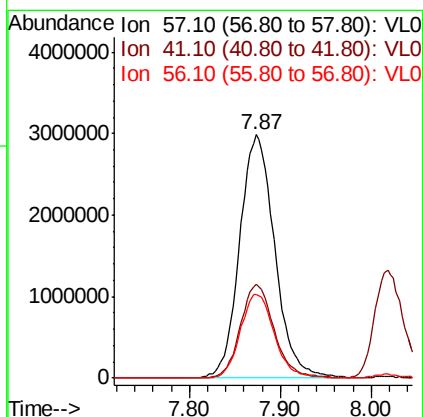
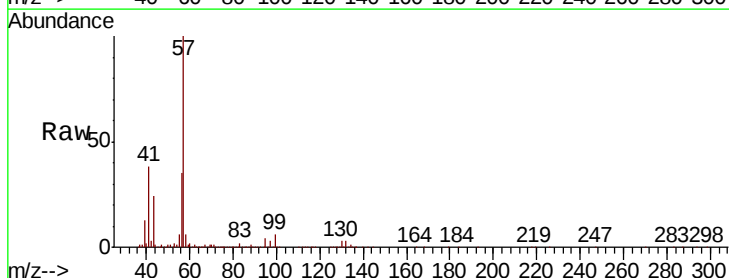
Manual Integrations
APPROVED

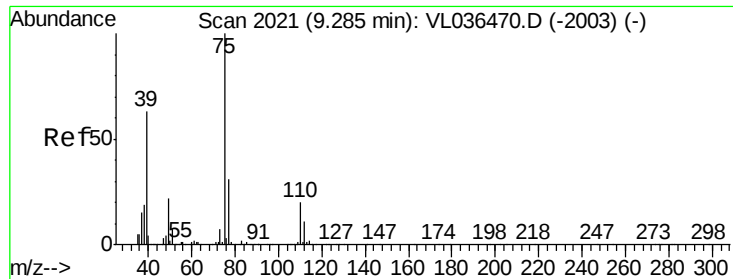
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#44
2,2,4-Trimethylpentane
Concen: 14.573 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion: 57 Resp: 7995460
Ion Ratio Lower Upper
57 100
41 36.9 28.8 43.2
56 33.5 26.1 39.1





#45

t-1,3-Dichloropropene

Concen: 19.497 ppbv

RT: 9.28

Instrument: MSVOA_L

Delta R.T.:

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

Tot Ion:

Ion Ratio

75 100

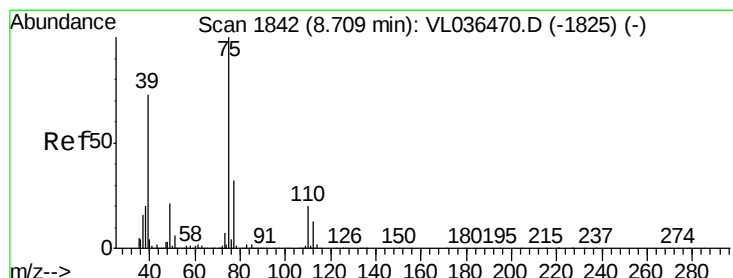
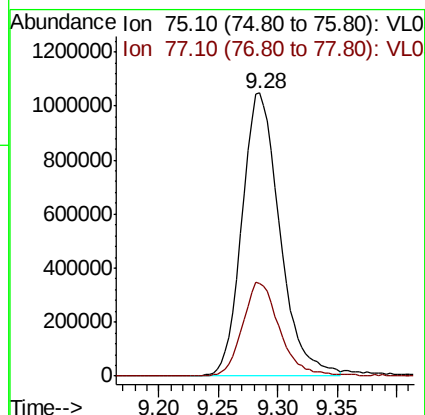
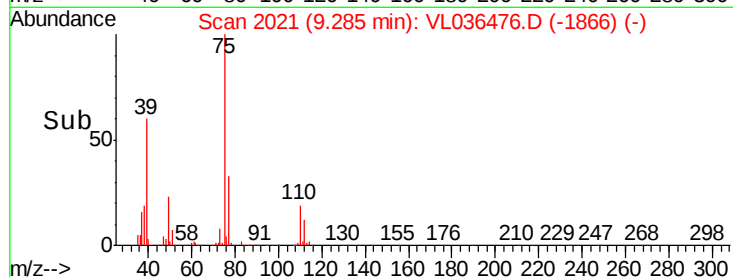
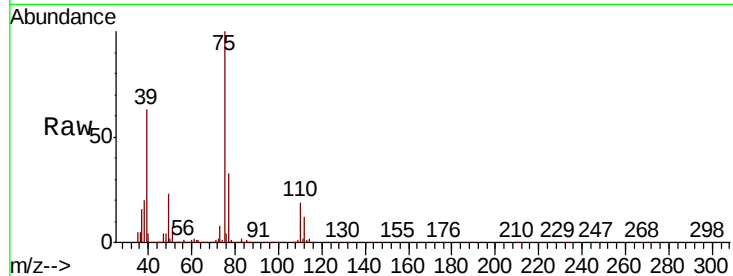
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#46

cis-1,3-Dichloropropene

Concen: 18.119 ppbv

RT: 8.71 min Scan# 1842

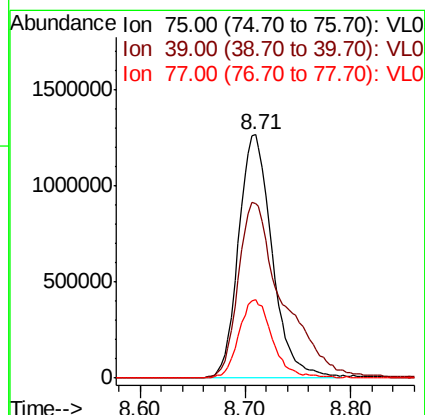
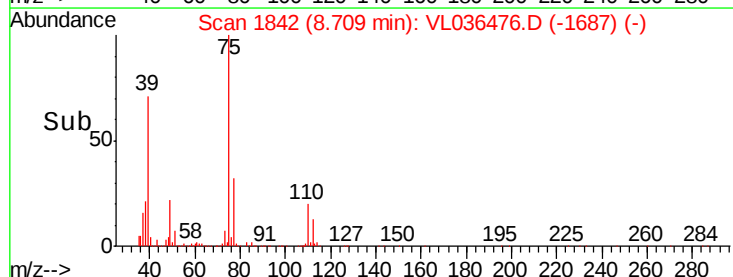
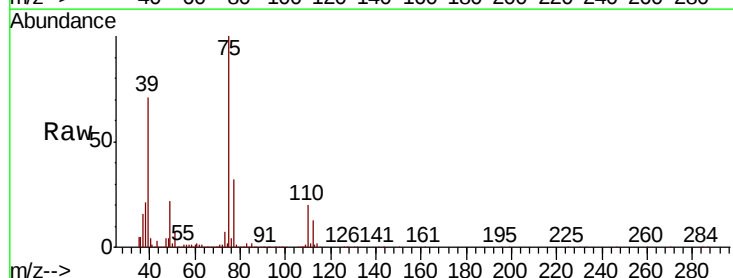
Delta R.T. -0.00 min

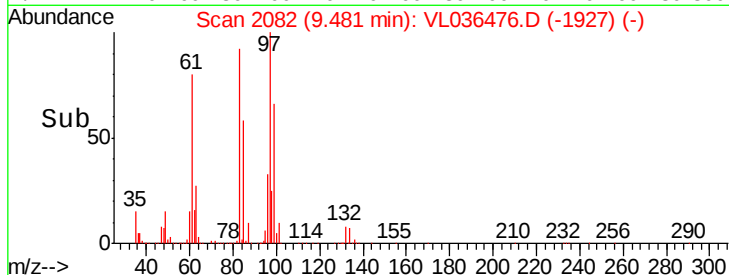
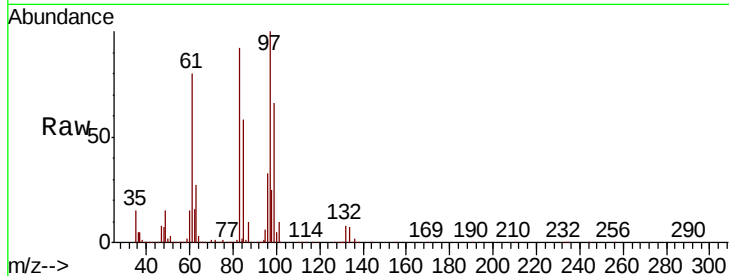
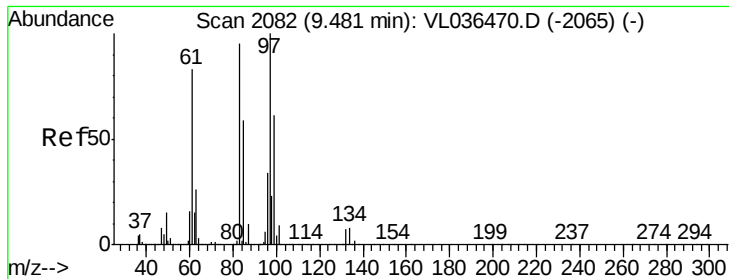
Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

Tgt Ion: 75 Resp: 2800461

Ion	Ratio	Lower	Upper
75	100		
39	71.2	58.2	87.2
77	32.1	25.2	37.8



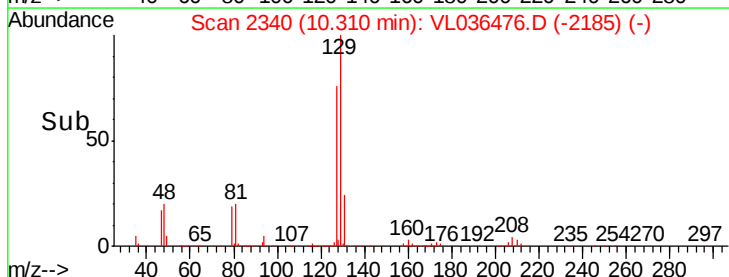
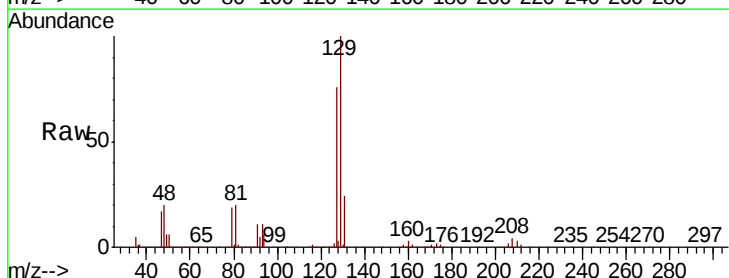
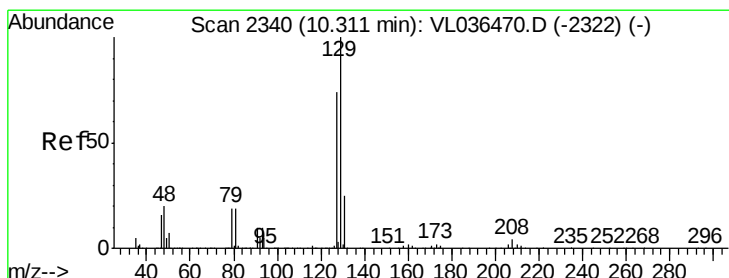
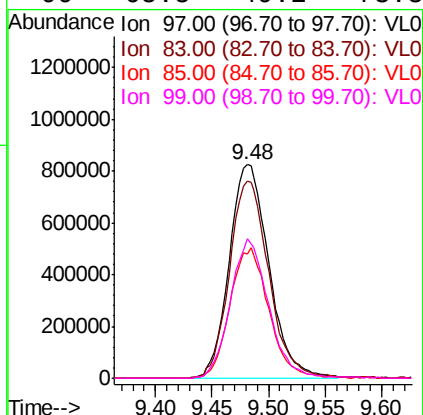


#47
1,1,2-Trichloroethane
Concen: 15.758 ppbv
RT: 9.48
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 5:51

Tot Ion:
Ion Ratio
97 100
83 92.
85 58.
99 65.5 49.2 73.8

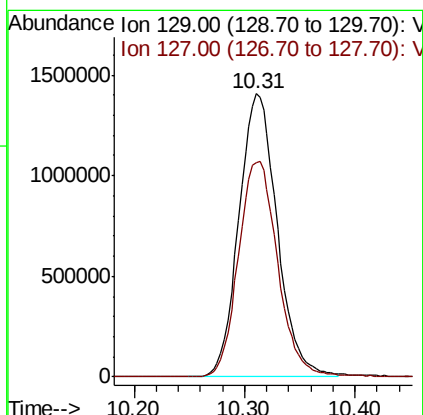
Manual Integrations
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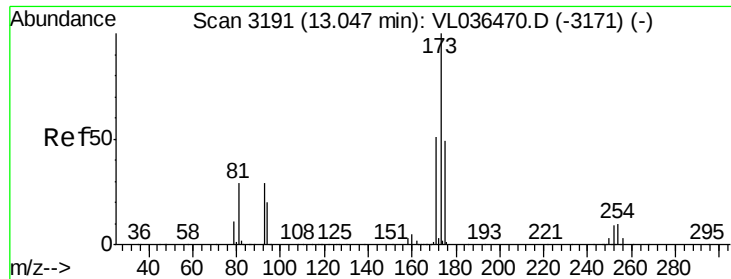
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#48
Dibromochloromethane
Concen: 17.447 ppbv
RT: 10.31 min Scan# 2340
Delta R.T. -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion:129 Resp: 3386741
Ion Ratio Lower Upper
129 100
127 78.6 39.6 118.8





#49

Bromoform

Concen: 17.607 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 25 Mar 2021 5:51

Tot Ion:1

Ion Rati

173 100

175 50.

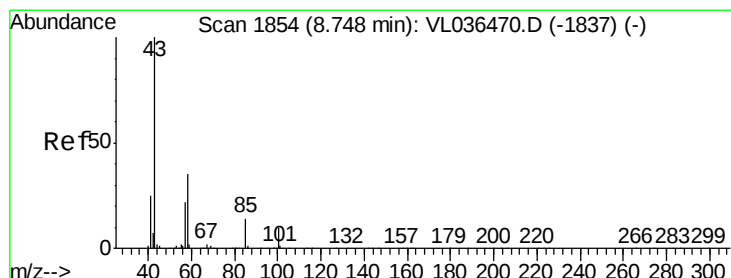
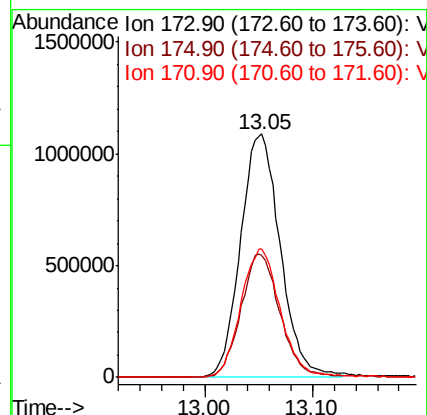
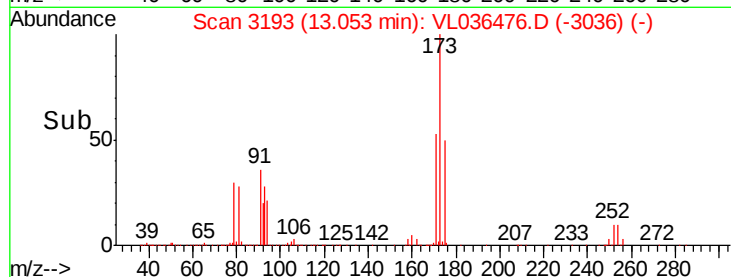
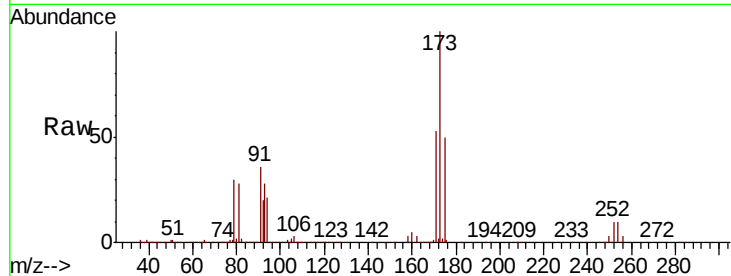
171 53.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#50

4-Methyl-2-Pentanone

Concen: 12.767 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VL036476.D

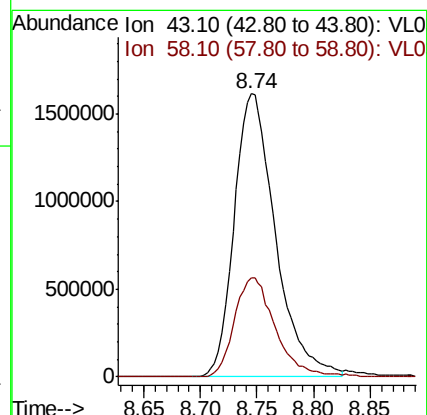
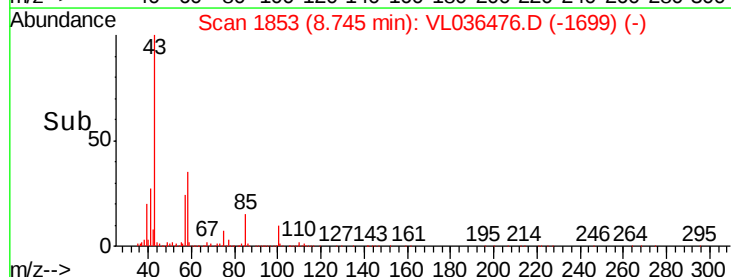
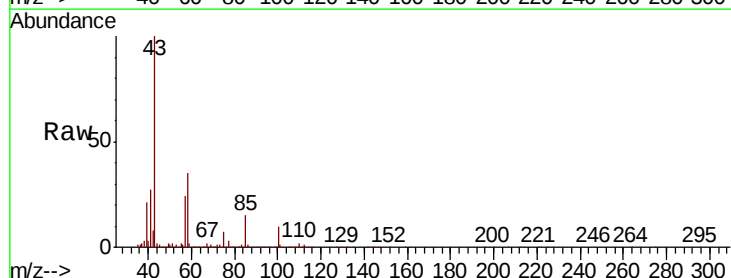
Acq: 25 Mar 2021 5:51

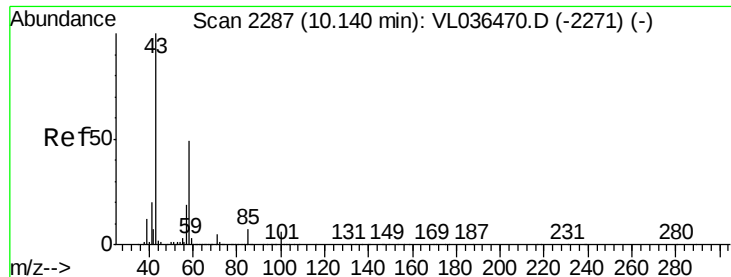
Tgt Ion: 43 Resp: 4083230

Ion Ratio Lower Upper

43 100

58 35.4 28.1 42.1





#51

2-Hexanone

Concen: 10.481 ppbv

RT: 10.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 5:51

Tot Ion:

Ion Ratio

43 100

58 46.

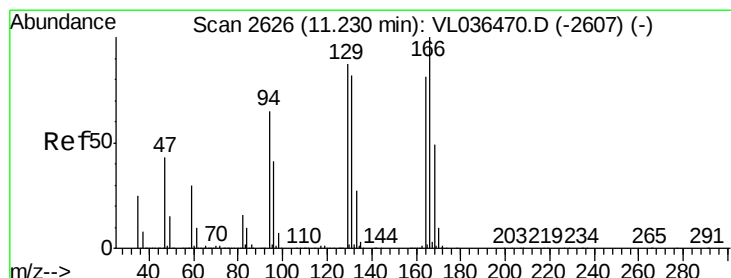
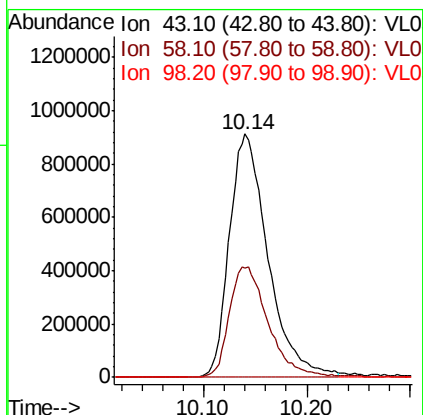
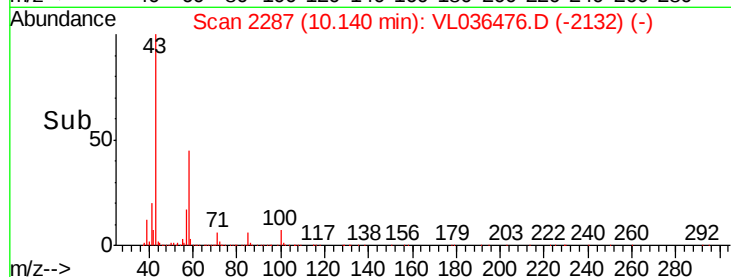
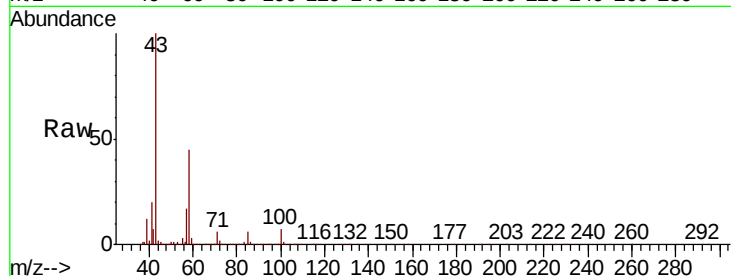
98 0.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#52

Tetrachloroethene

Concen: 14.962 ppbv

RT: 11.23 min Scan# 2625

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

Tgt Ion:164 Resp: 1688585

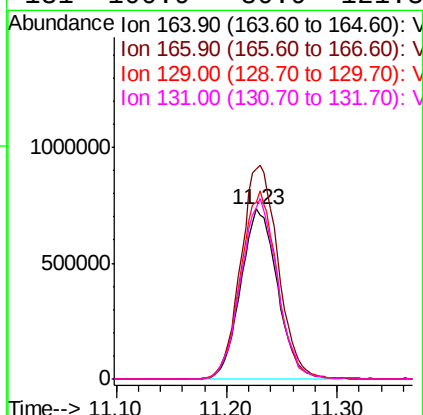
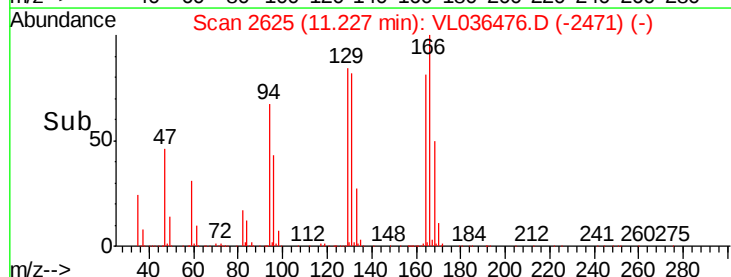
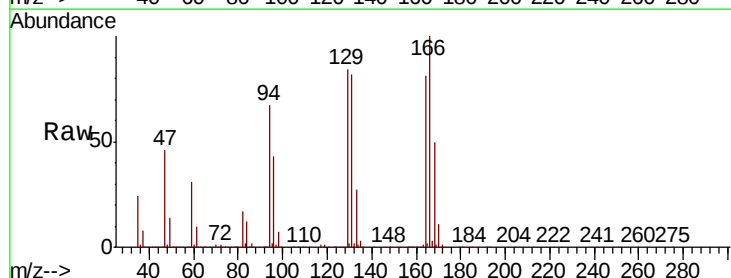
Ion Ratio Lower Upper

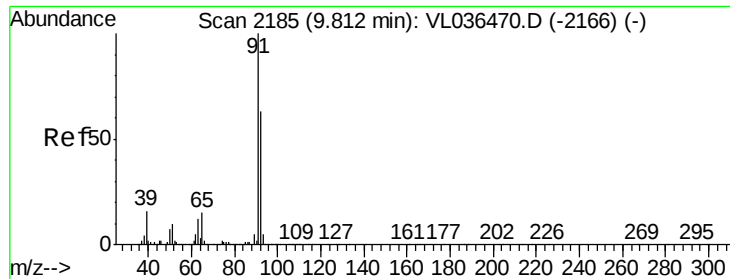
164 100

166 123.7 98.3 147.5

129 104.3 85.8 128.8

131 100.9 80.9 121.3





#53

Toluene

Concen: 16.917 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

Tot Ion:

Ion Ratio

91 100

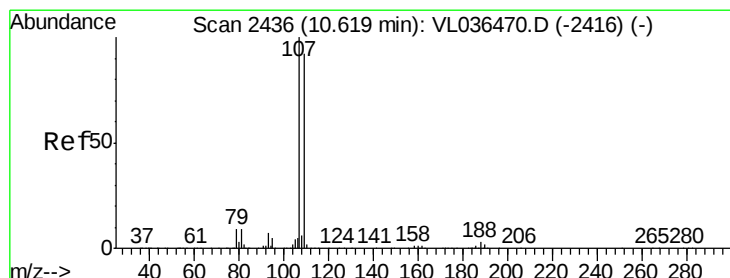
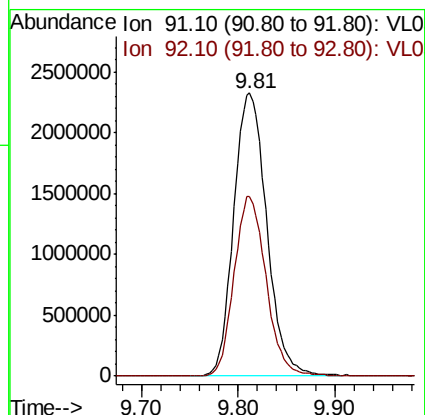
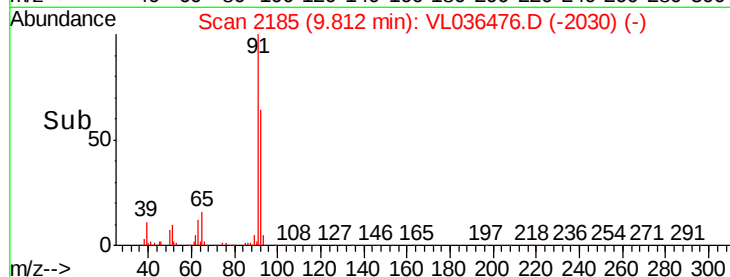
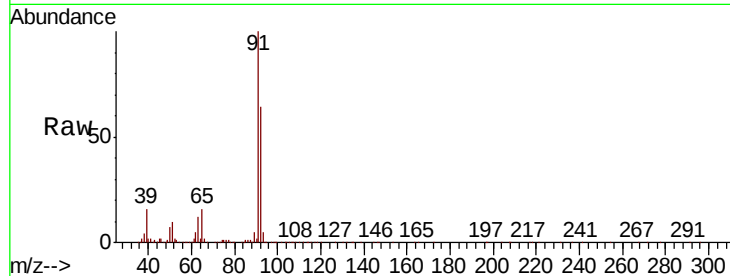
92 61.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#54

1,2-Dibromoethane

Concen: 16.155 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VL036476.D

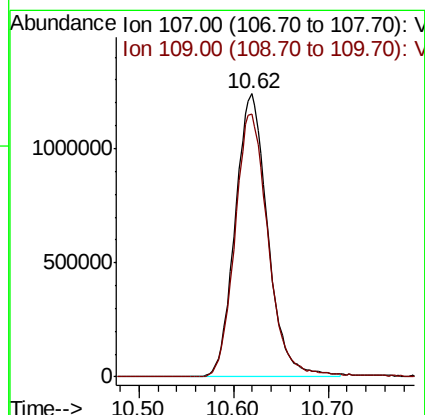
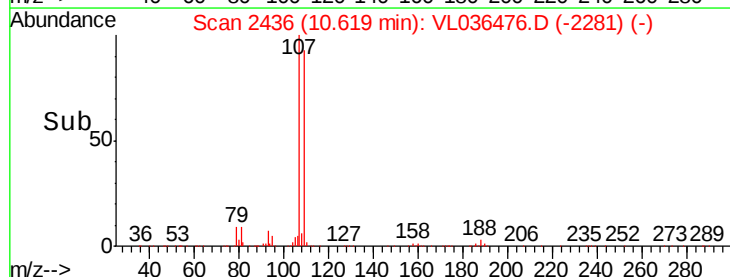
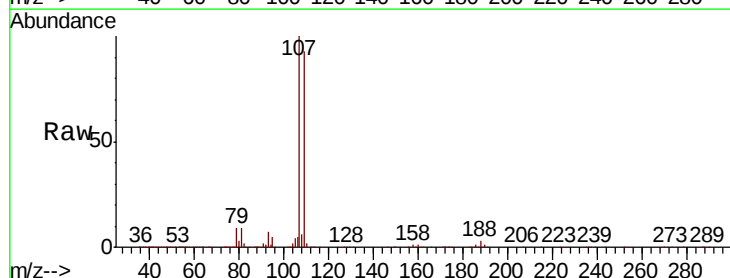
Acq: 25 Mar 2021 5:51

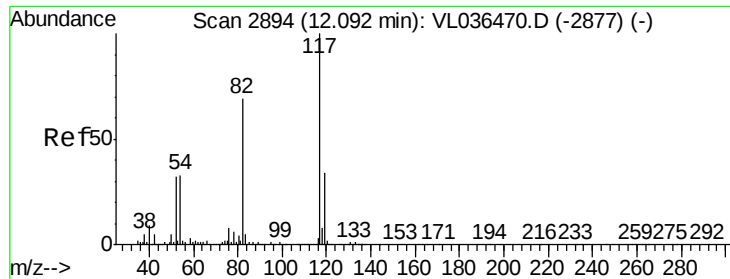
Tgt Ion:107 Resp: 2971083

Ion Ratio Lower Upper

107 100

109 92.7 73.9 110.9



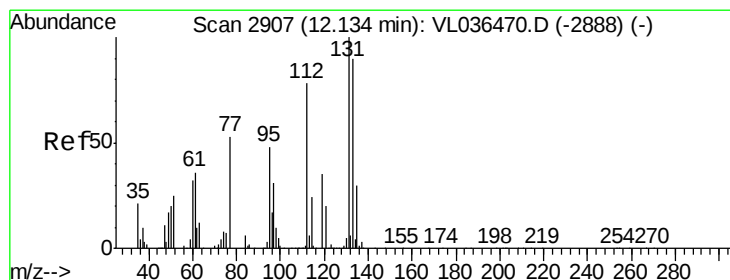
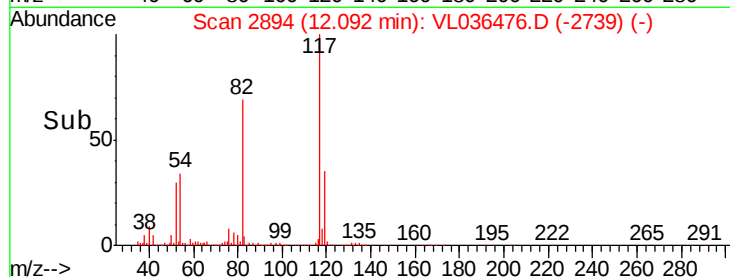
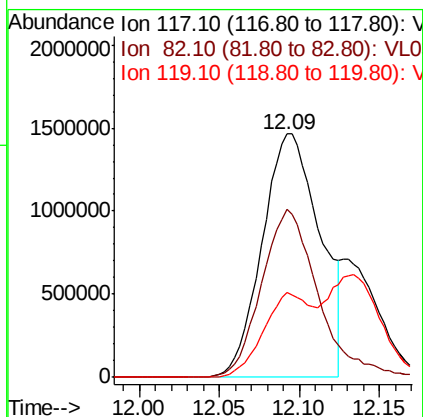
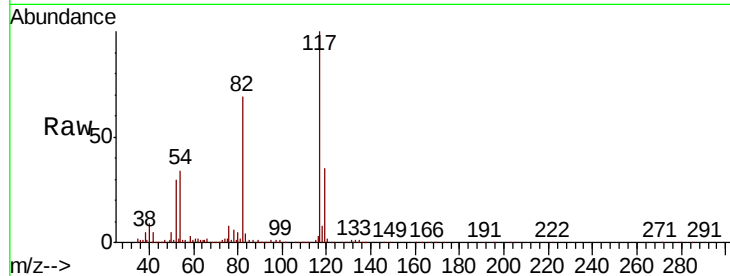


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 5:51

Tot Ion:1
Ion Ratio
117 100
82 67.
119 0.

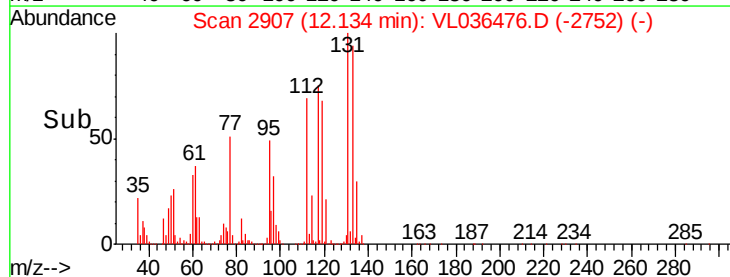
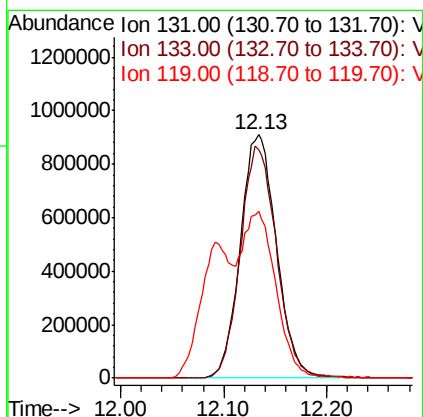
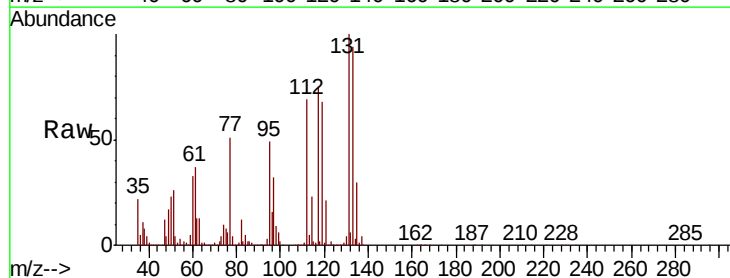
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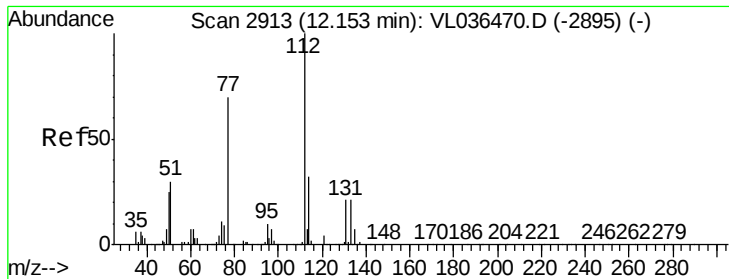
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 13.485 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion:131 Resp: 2217988
Ion Ratio Lower Upper
131 100
133 95.3 76.0 114.0
119 114.6 44.9 67.3#





#57

Chlorobenzene

Concen: 14.599 ppbv

RT: 12.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 5:51

Tot Ion:1

Ion Rati

112 100

77 70.

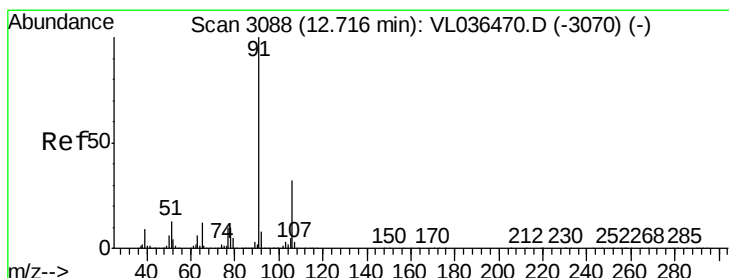
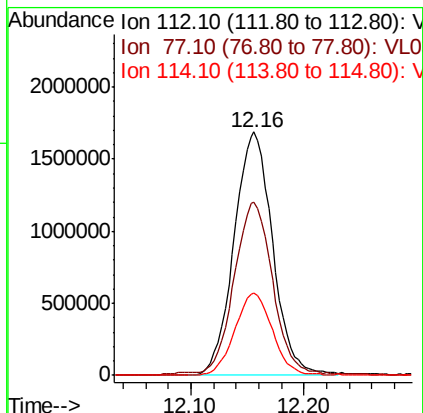
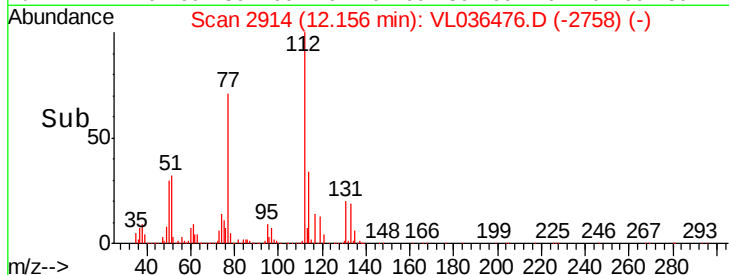
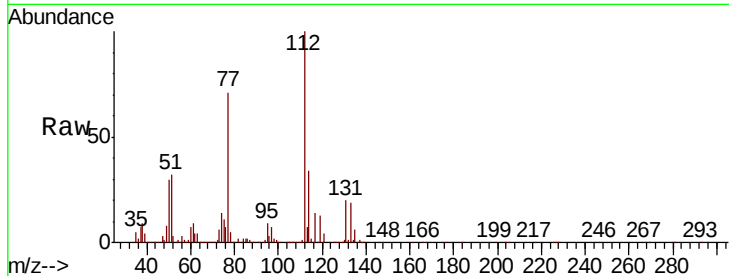
114 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#58

Ethyl Benzene

Concen: 15.386 ppbv

RT: 12.72 min Scan# 3089

Delta R.T. 0.00 min

Lab File: VL036476.D

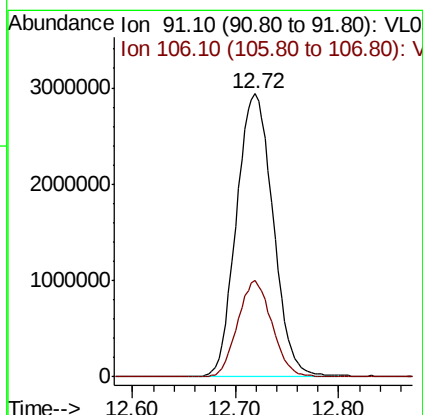
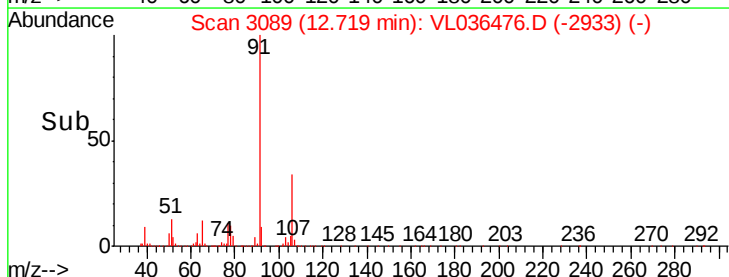
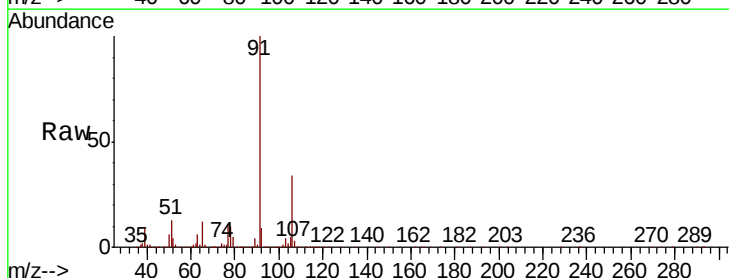
Acq: 25 Mar 2021 5:51

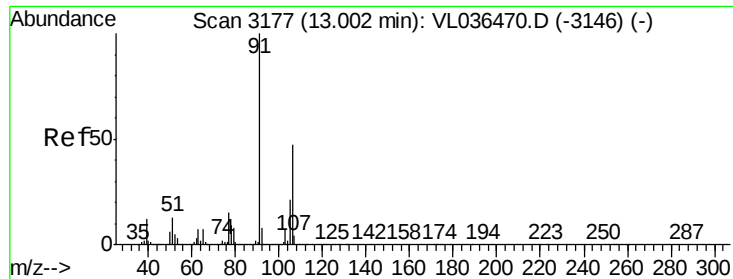
Tgt Ion: 91 Resp: 7262014

Ion Ratio Lower Upper

91 100

106 34.1 25.3 37.9



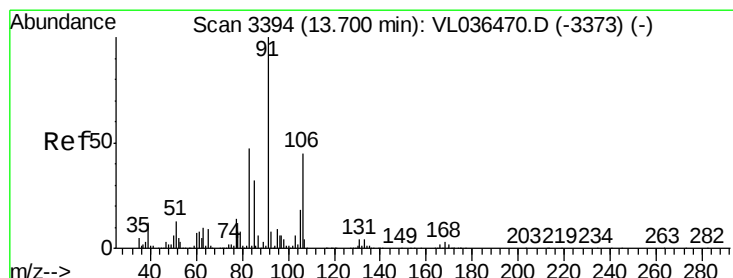
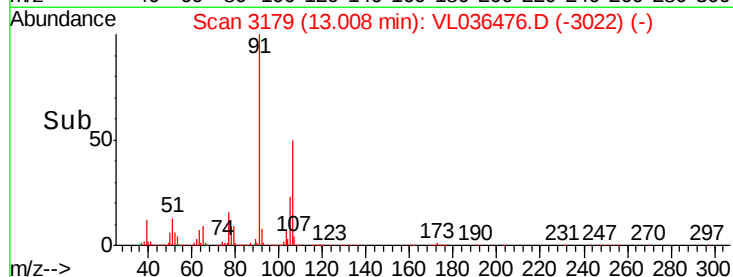
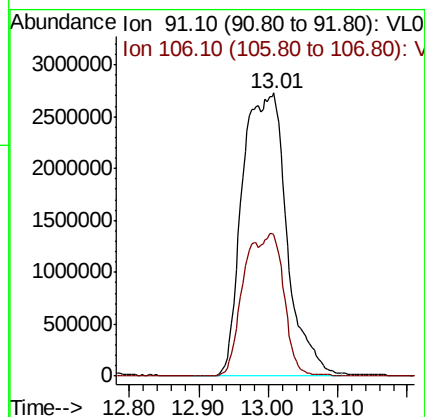
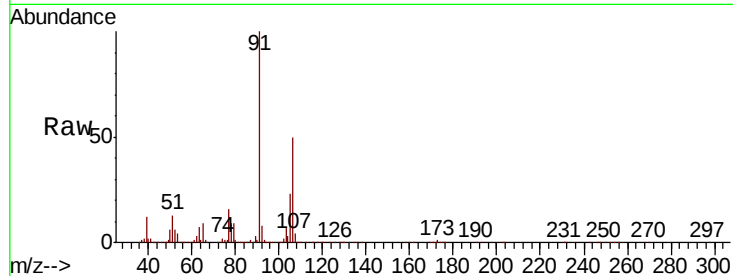


#59
m/p-Xylene
Concen: 29.145 ppbv m
RT: 13.01 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId :
Acq: 25 Mar 2021 5:51

Tot Ion:
Ion Ratio
91 100
106 45.

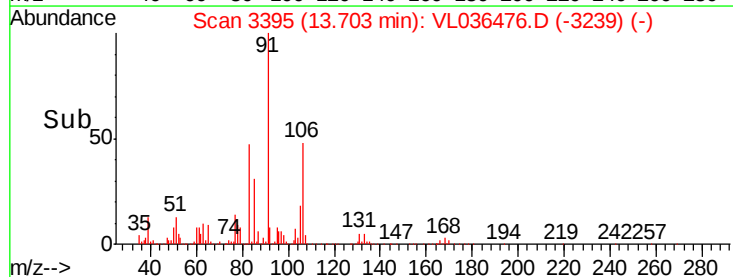
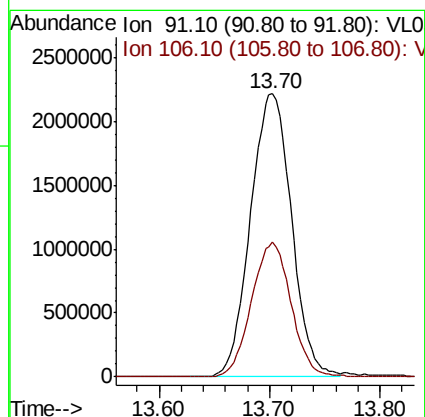
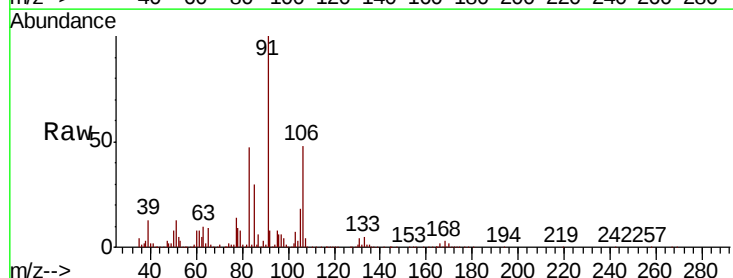
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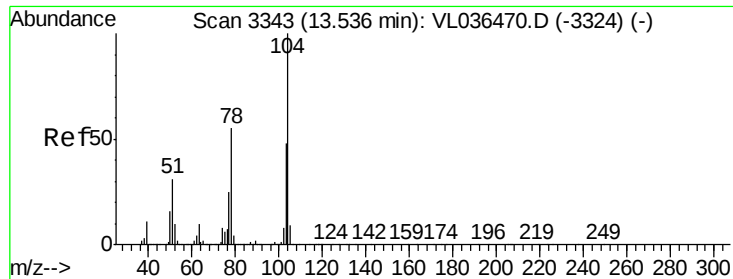
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#60
o-Xylene
Concen: 14.336 ppbv
RT: 13.70 min Scan# 3395
Delta R.T.: 0.00 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion: 91 Resp: 5712345
Ion Ratio Lower Upper
91 100
106 46.2 22.3 66.9





#61

Stvrene

Concen: 15.600 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 5:51

Tot Ion:1

Ion Rati

104 100

78 55.

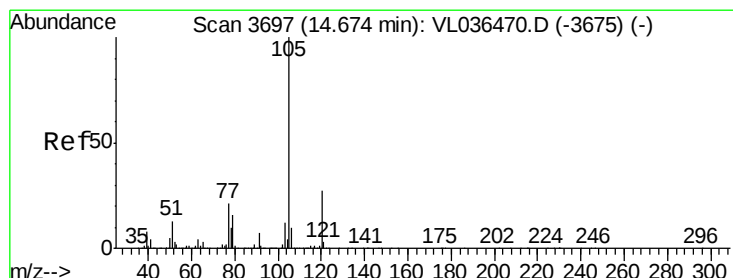
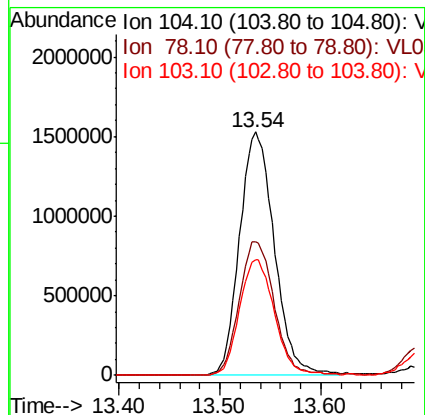
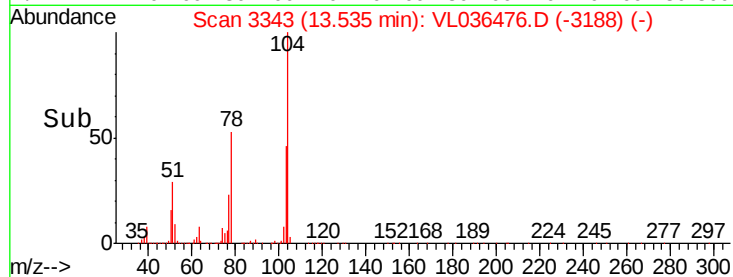
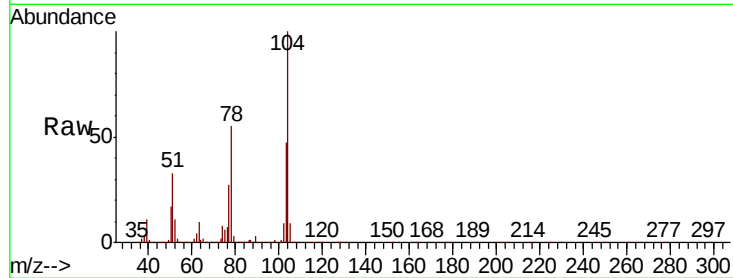
103 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#62

Isopropylbenzene

Concen: 13.234 ppbv

RT: 14.68 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VL036476.D

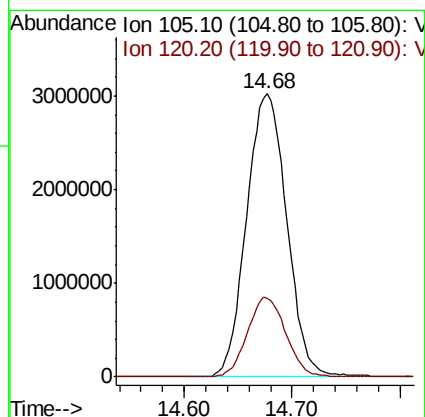
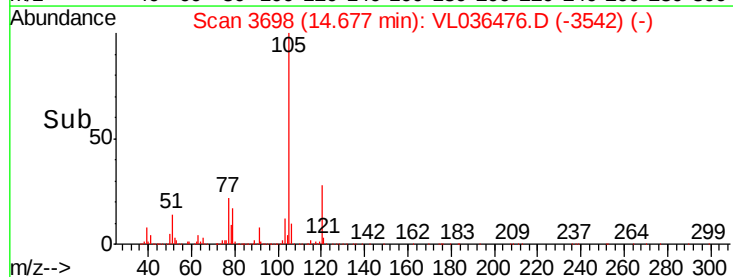
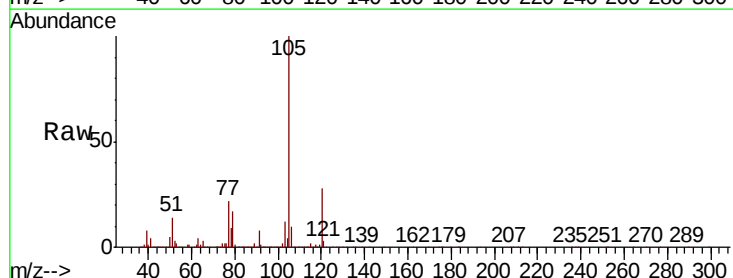
Acq: 25 Mar 2021 5:51

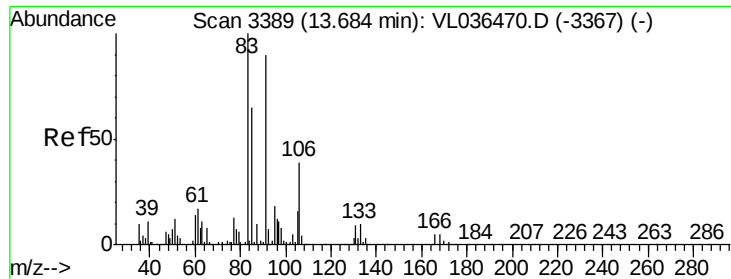
Tgt Ion:105 Resp: 7808558

Ion Ratio Lower Upper

105 100

120 27.0 20.6 31.0



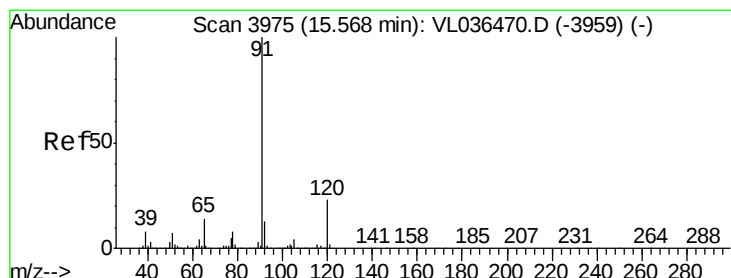
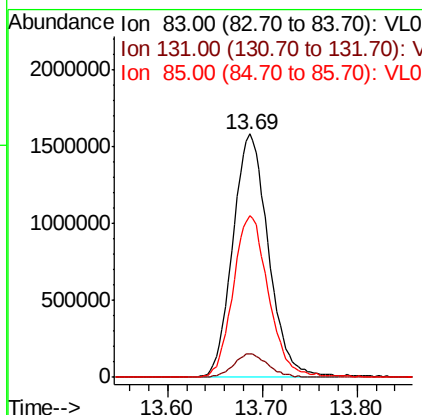
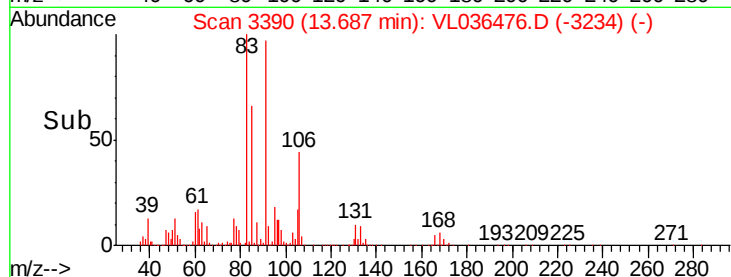
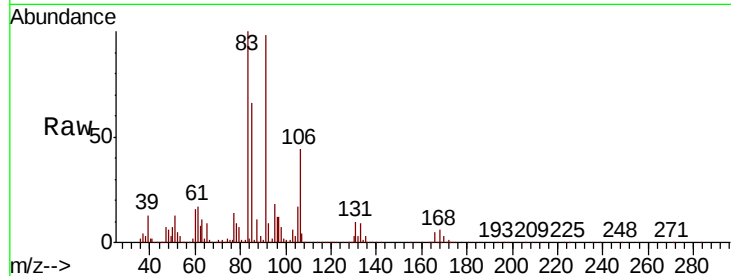


#63
 1,1,2,2-Tetrachloroethane
 Concen: 13.441 ppbv
 RT: 13.69
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 25 Mar 2021 5:51

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

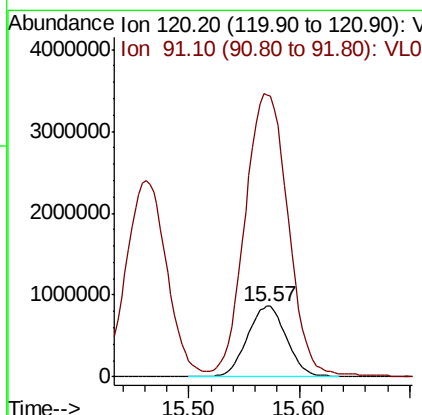
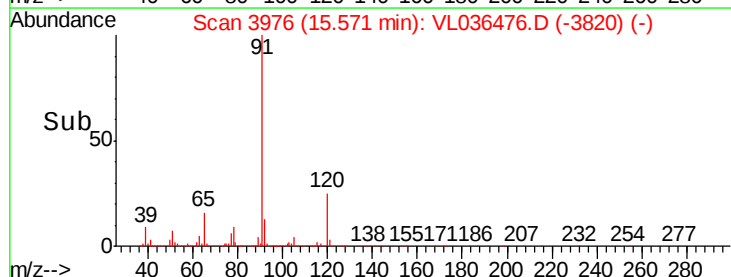
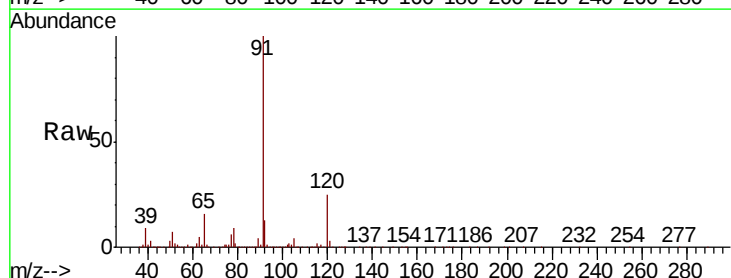
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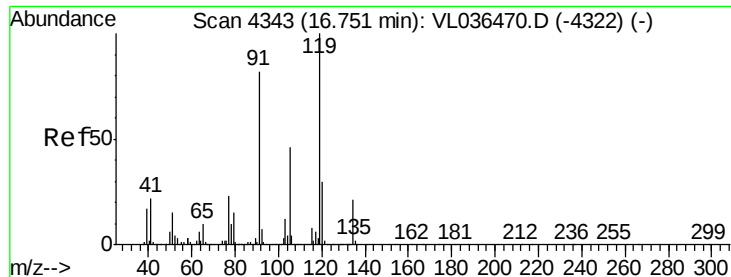
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#64
 n-propylbenzene
 Concen: 14.426 ppbv
 RT: 15.57 min Scan# 3976
 Delta R.T. 0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion:120 Resp: 2119441
 Ion Ratio Lower Upper
 120 100
 91 443.3 377.8 566.6





#65

tert-Butylbenzene

Concen: 13.115 ppbv

RT: 16.75

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

Tot Ion:1

Ion Ratio

119 100

91 84.

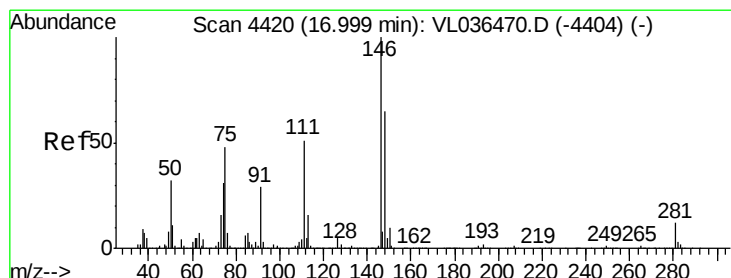
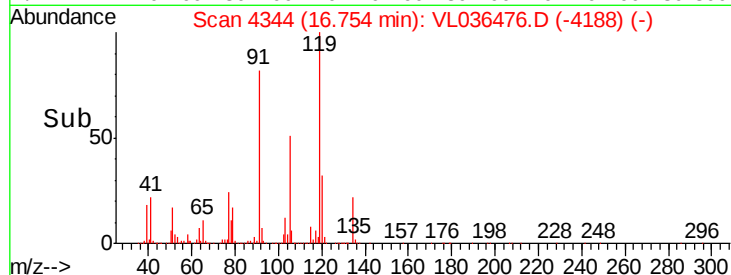
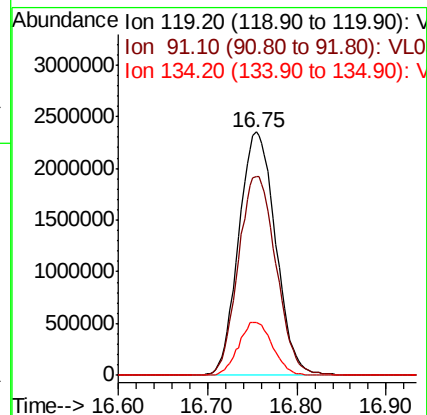
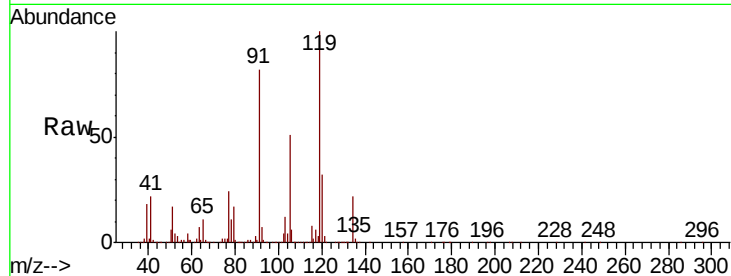
134 20.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#66

Benzyl Chloride

Concen: 8.217 ppbv

RT: 17.00 min Scan# 4420

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

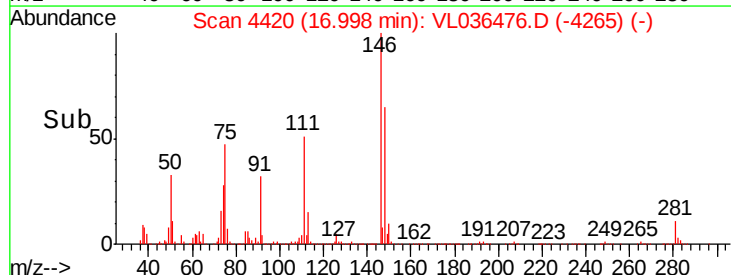
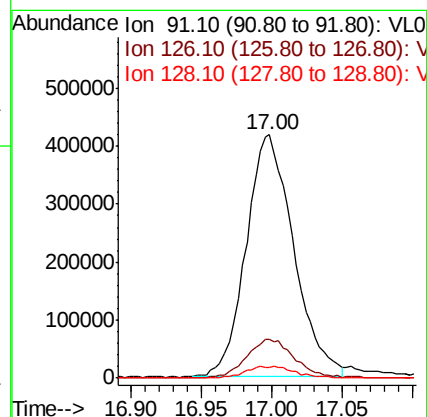
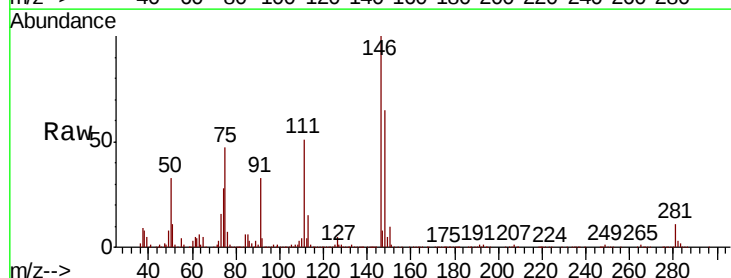
Tgt Ion: 91 Resp: 986011

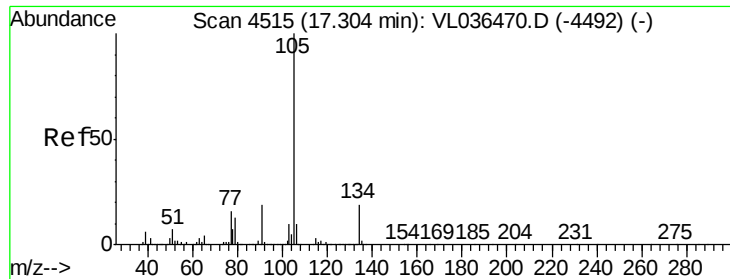
Ion Ratio Lower Upper

91 100

126 16.5 13.5 20.3

128 5.3 4.2 6.2





#67

sec-Butylbenzene

Concen: 12.962 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

Tot Ion:1

Ion Ratio

105 100

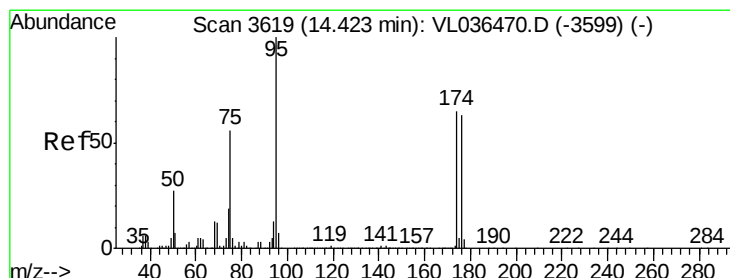
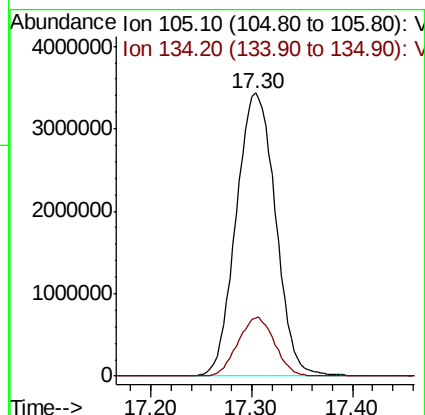
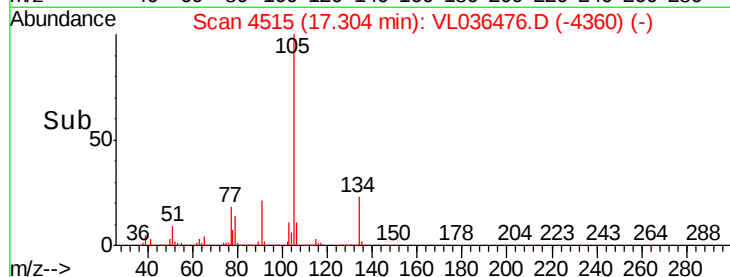
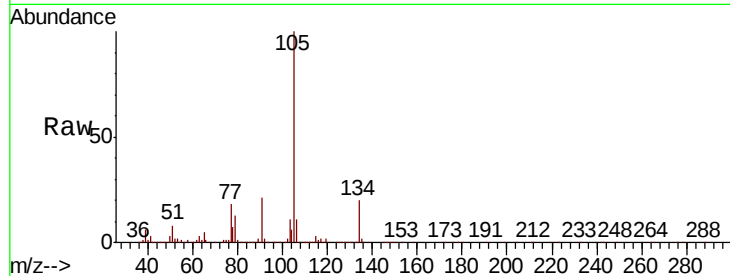
134 19.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 9.840 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

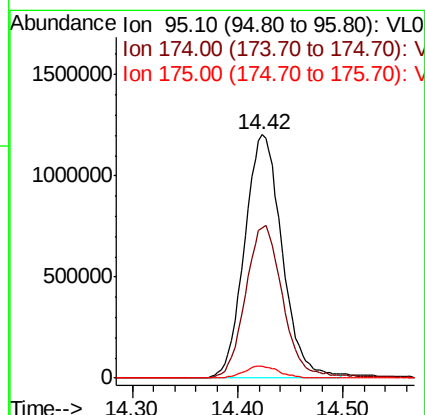
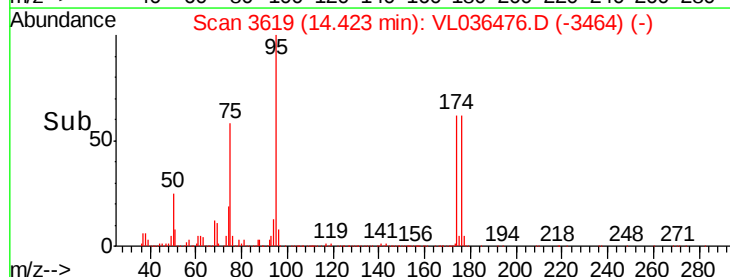
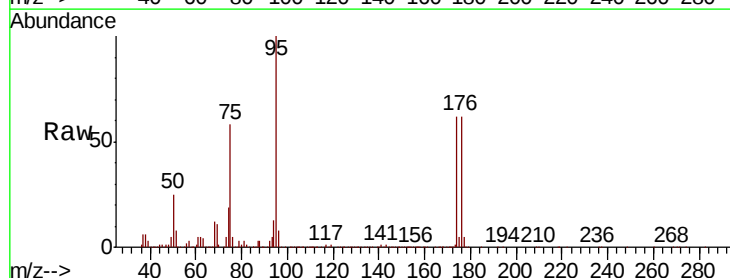
Tgt Ion: 95 Resp: 2975158

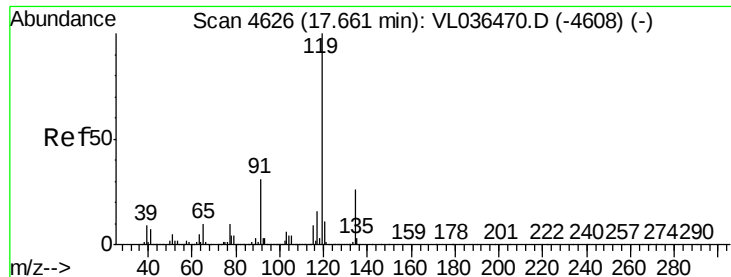
Ion Ratio Lower Upper

95 100

174 63.2 51.0 76.6

175 4.8 3.9 5.9



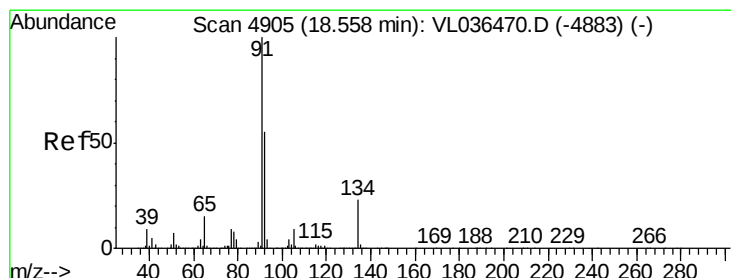
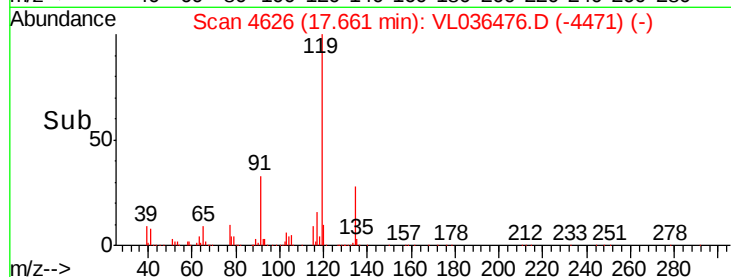
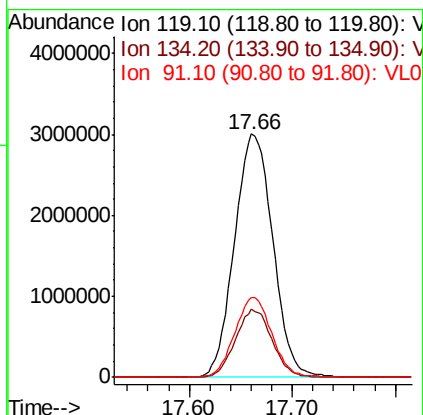
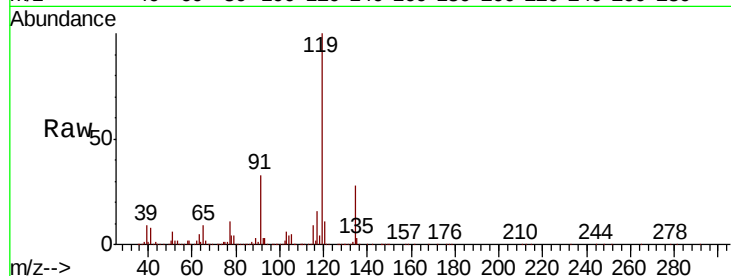


#69
 p-Isopropyltoluene
 Concen: 13.585 ppbv
 RT: 17.66 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 25 Mar 2021 5:51

Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 31.

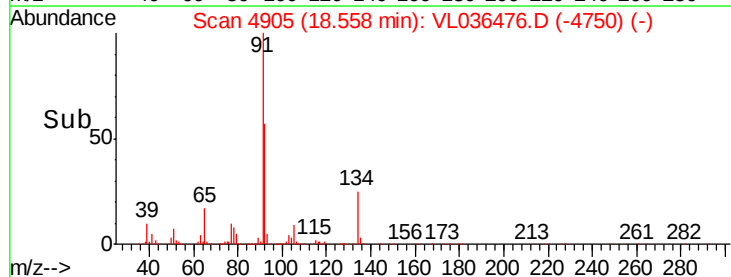
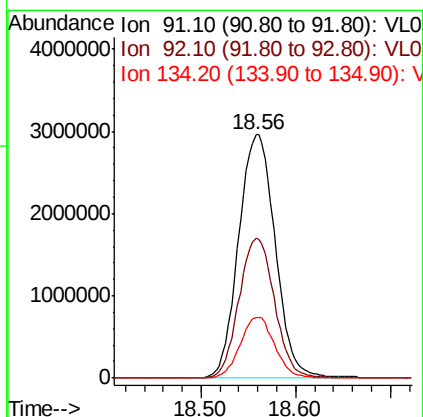
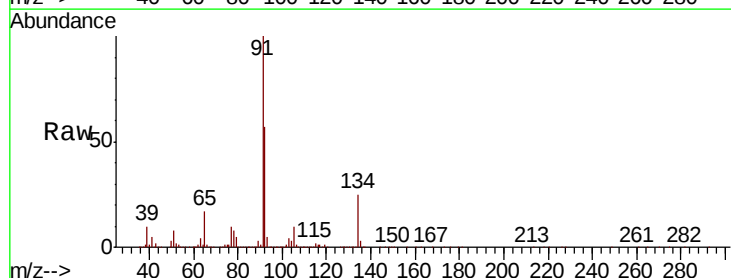
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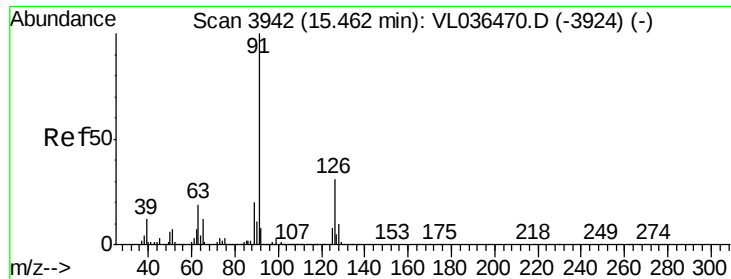
Reviewed By : Semsettin Yesilyurt 03/26/2021
 Supervised By : Mahesh Dadoda 03/29/2021



#70
 n-Butylbenzene
 Concen: 13.465 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T.: -0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion: 91 Resp: 7961471
 Ion Ratio Lower Upper
 91 100
 92 56.3 43.8 65.8
 134 23.7 18.0 27.0





#71

2-Chlorotoluene

Concen: 13.816 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

Tot Ion:

Ion Ratio

91 100

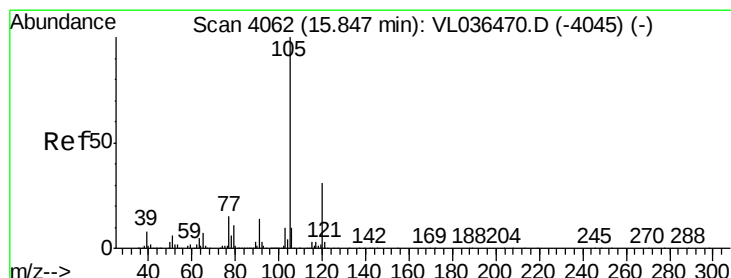
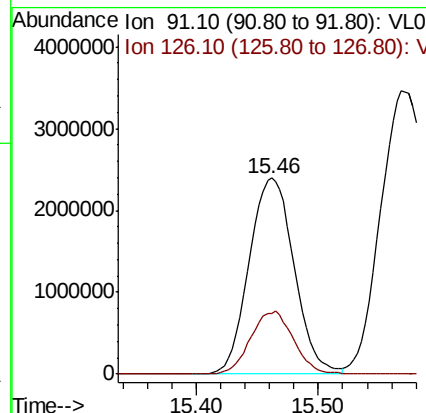
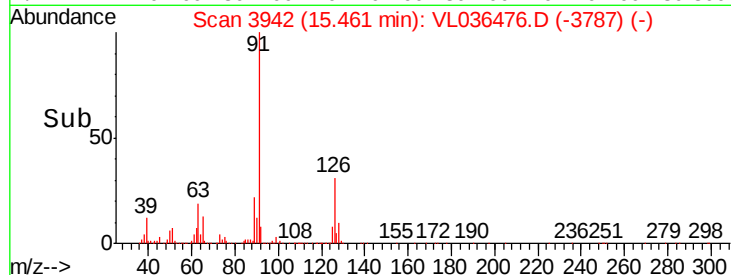
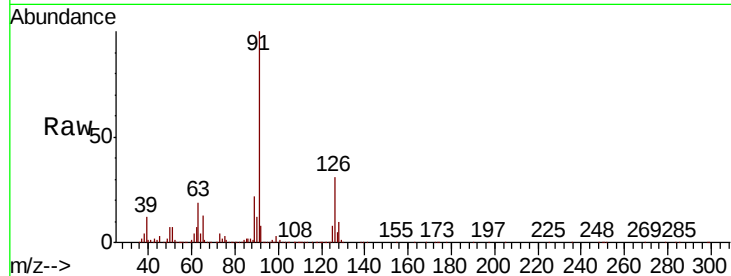
126 31.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#72

4-Ethyltoluene

Concen: 15.735 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

Tgt Ion:105 Resp: 6825861

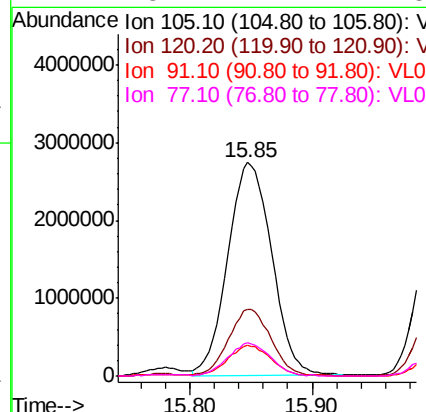
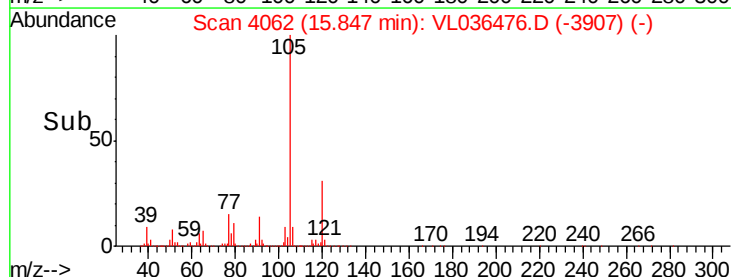
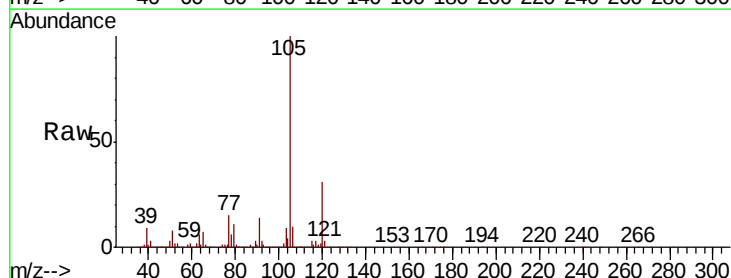
Ion Ratio Lower Upper

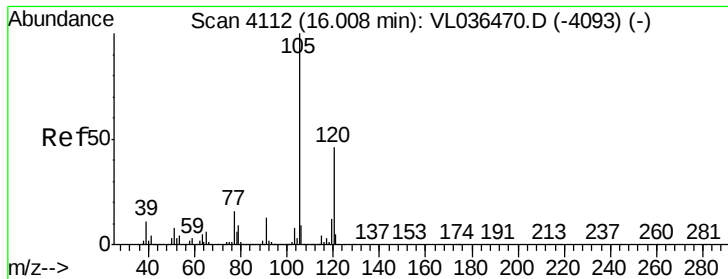
105 100

120 30.7 24.0 36.0

91 13.8 11.0 16.4

77 15.2 11.7 17.5



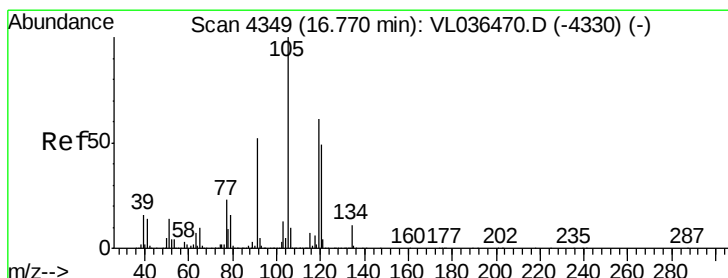
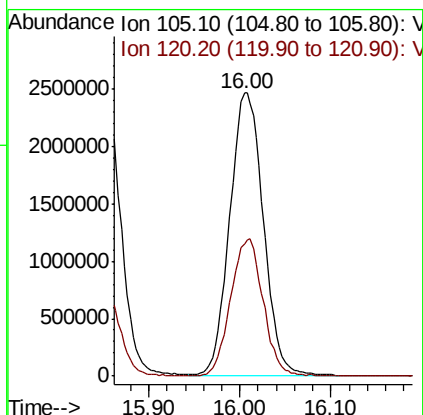
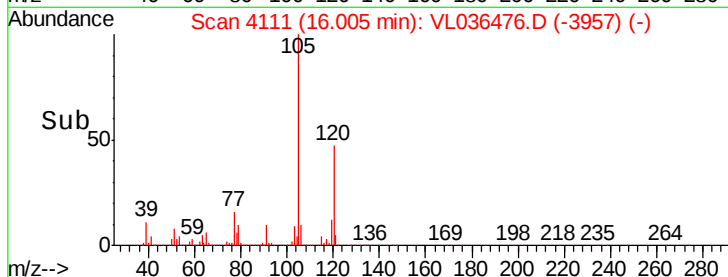
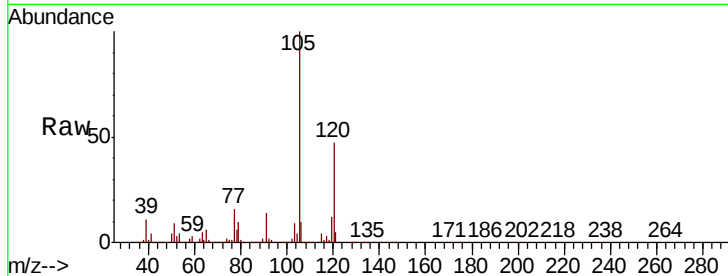


#73
 1,3,5-Trimethylbenzene
 Concen: 15.007 ppbv
 RT: 16.00 min
 Instrument: MSVOA_L
 Delta R.T.: 0.00 min
 Lab File: ClientSampleId : VSTDIC015
 Acq: 25 Mar 2021 5:51

Tot Ion:1
 Ion Rati
 105 100
 120 46.

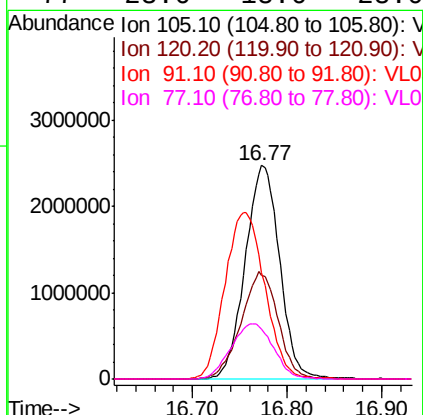
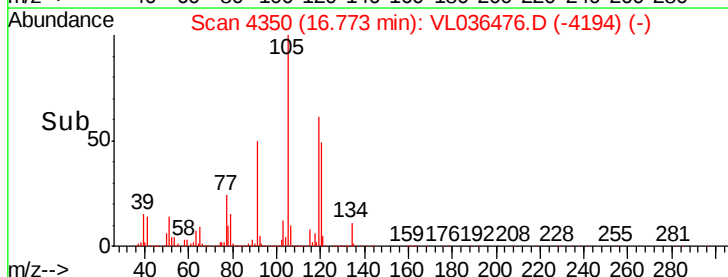
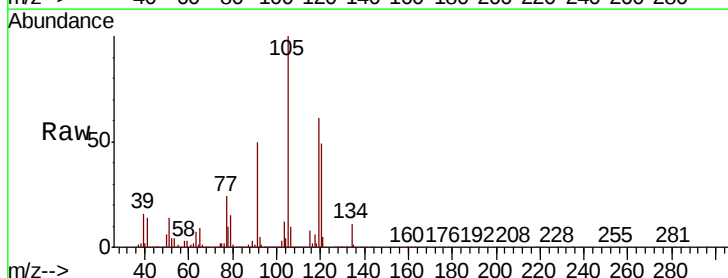
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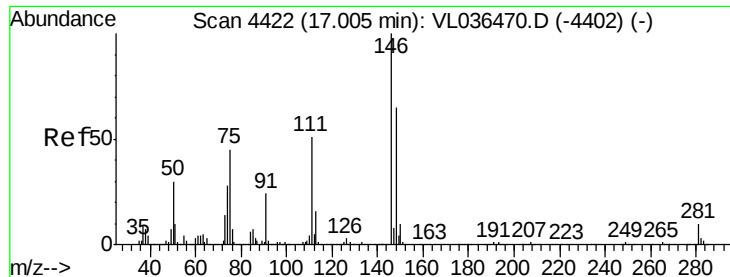
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 14.116 ppbv
 RT: 16.77 min Scan# 4350
 Delta R.T.: 0.00 min
 Lab File: VL036476.D
 Acq: 25 Mar 2021 5:51

Tgt Ion:105 Resp: 6261614
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.2 58.8
 91 49.5 42.6 64.0
 77 23.6 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 15.011 ppbv

RT: 17.01 min

Delta R.T. MSVOA_L

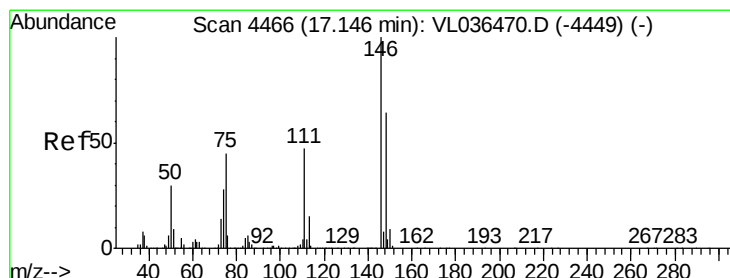
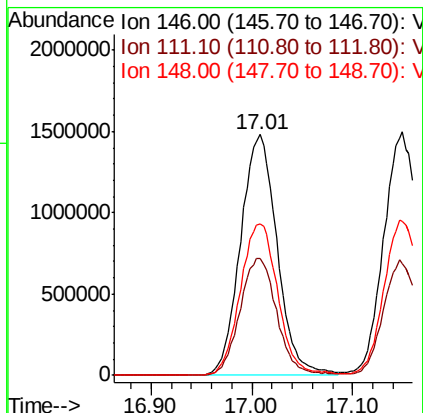
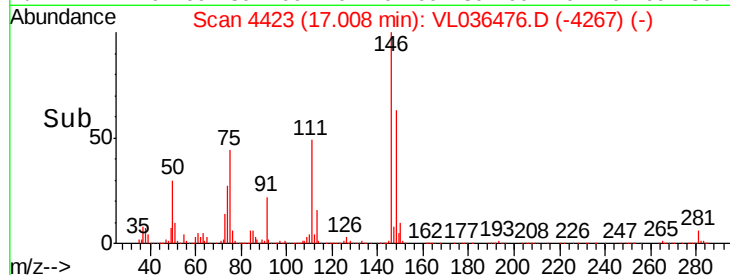
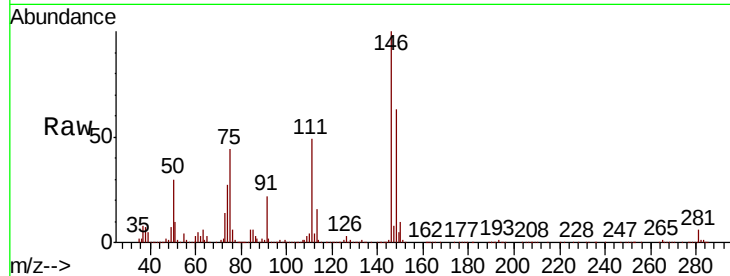
Lab File: ClientSampleId:

Acq: 25 Mar 2021 5:51

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

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



#76

1,4-Dichlorobenzene

Concen: 14.768 ppbv

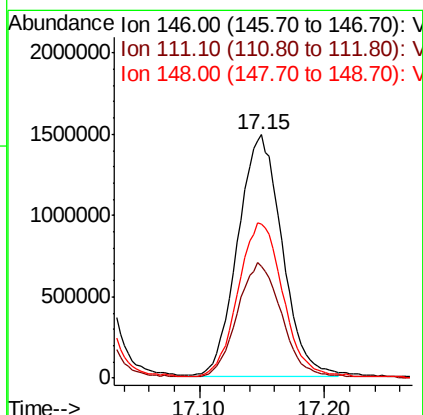
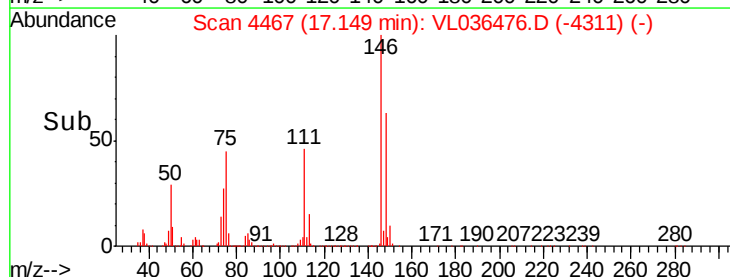
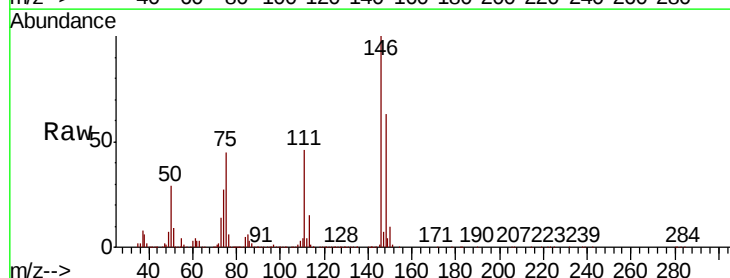
RT: 17.15 min Scan# 4467

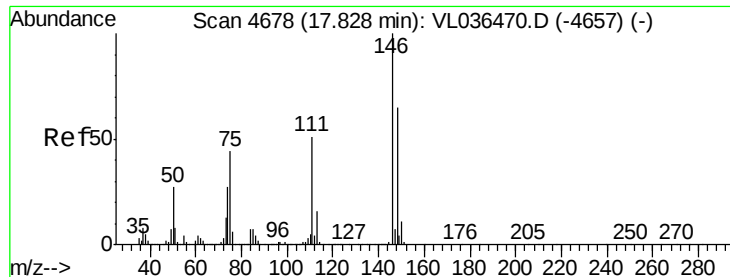
Delta R.T. 0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

Tgt Ion:146 Resp: 3658775
Ion Ratio Lower Upper
146 100
111 48.4 24.3 73.0
148 66.1 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 14.751 ppbv

RT: 17.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 5:51

Tot Ion:1

Ion Rati

146 100

111 50.

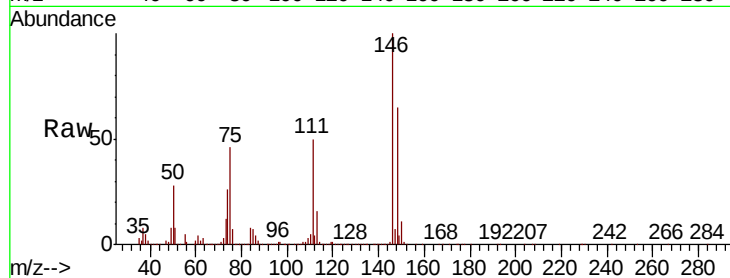
148 64.

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Reviewed By :Semsettin Yesilyurt 03/26/2021

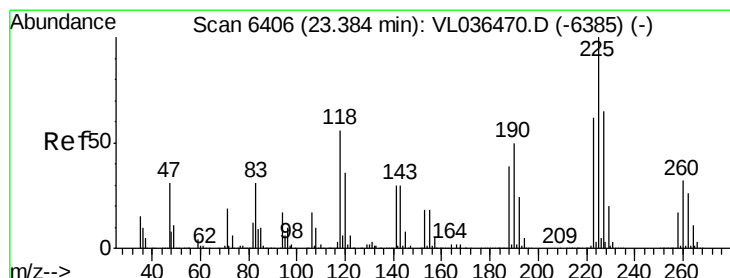
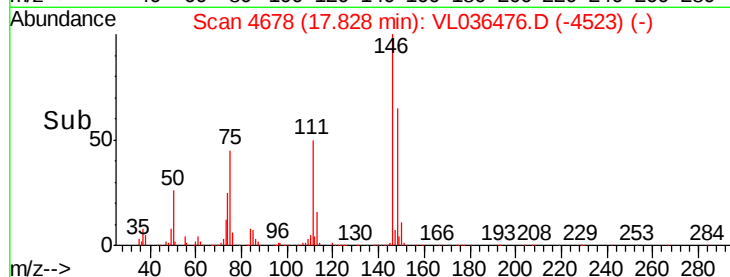
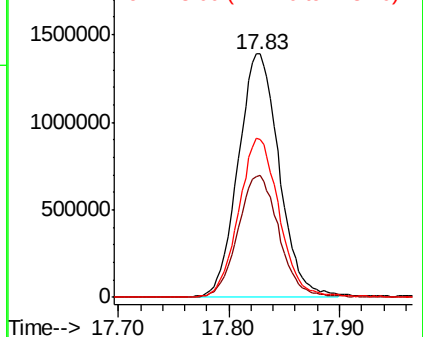
Supervised By :Mahesh Dadoda 03/29/2021



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



#78

Hexachloro-1,3-Butadiene

Concen: 14.059 ppbv

RT: 23.38 min Scan# 6406

Delta R.T. -0.00 min

Lab File: VL036476.D

Acq: 25 Mar 2021 5:51

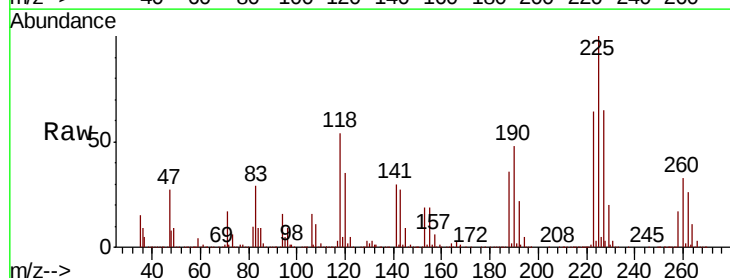
Tgt Ion:225 Resp: 2754550

Ion Ratio Lower Upper

225 100

223 64.0 50.9 76.3

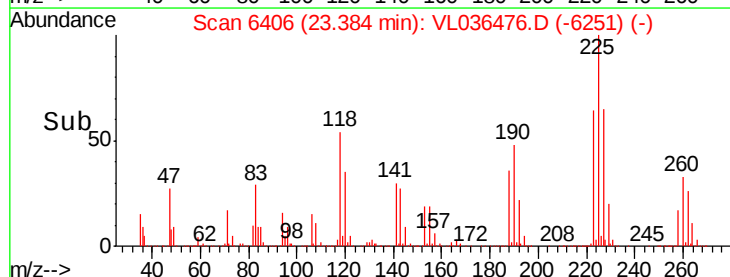
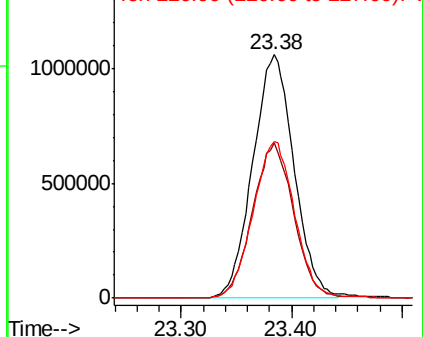
227 65.1 52.2 78.2

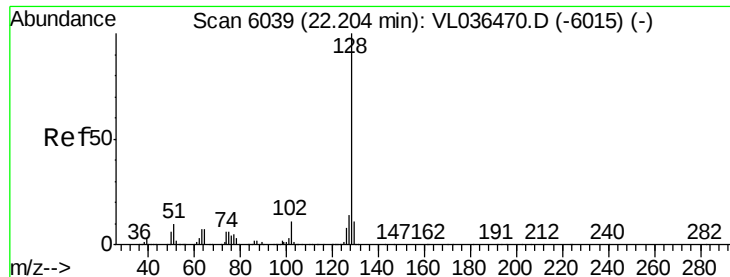


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



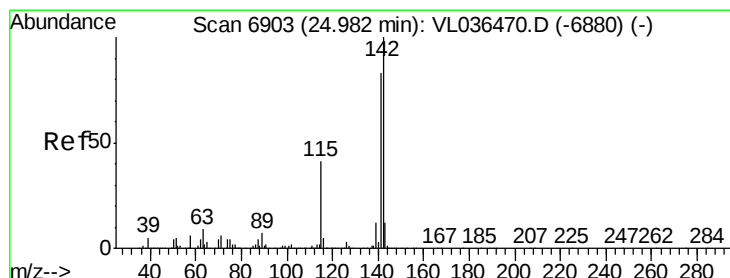
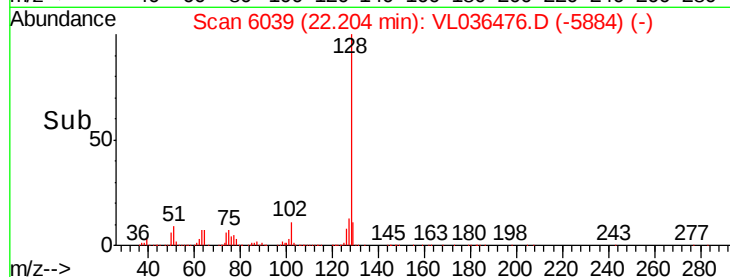
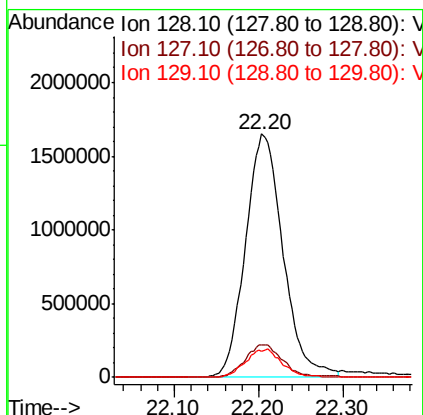
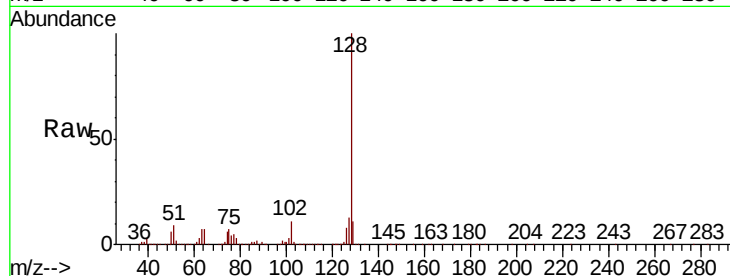


#79
Naphthalene
Concen: 19.375 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 5:51
VSTDIC015

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

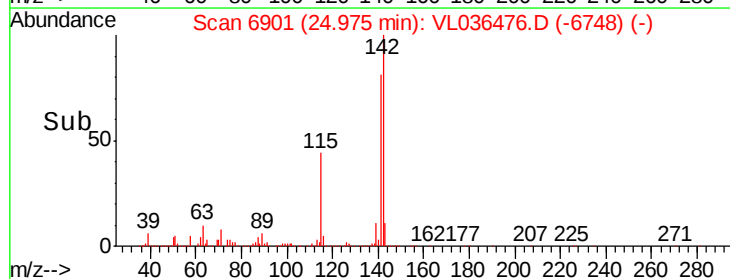
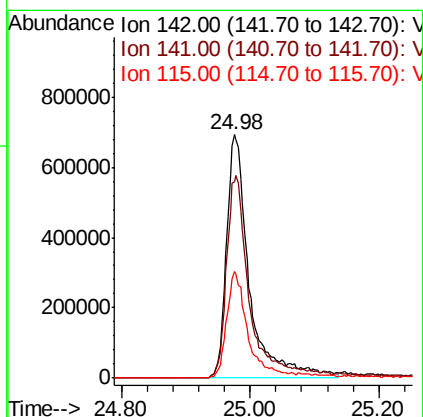
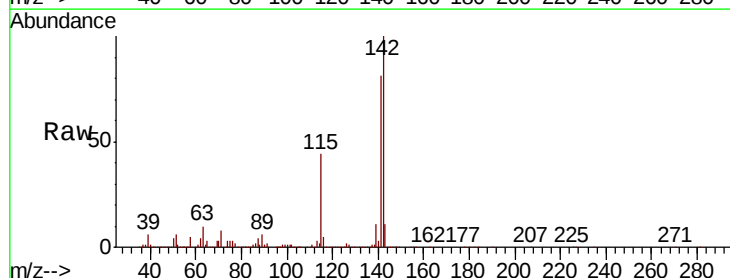
Manual Integrations
APPROVED

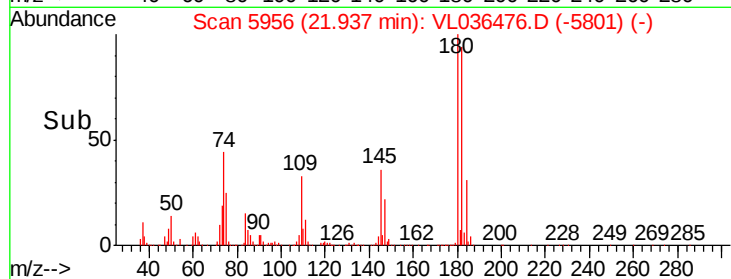
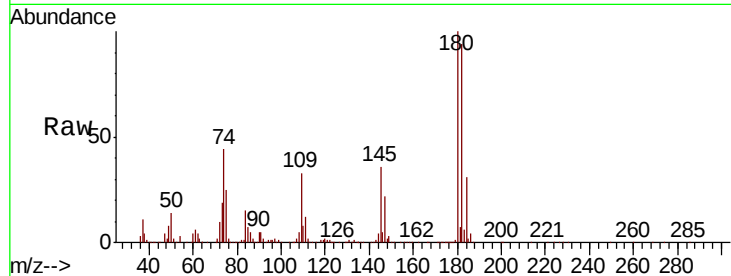
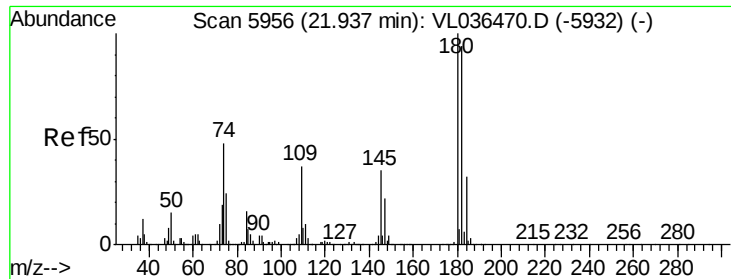
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#80
Naphthalene, 2-methyl-
Concen: 30.592 ppbv
RT: 24.98 min Scan# 6901
Delta R.T. -0.01 min
Lab File: VL036476.D
Acq: 25 Mar 2021 5:51

Tgt Ion:142 Resp: 1719558
Ion Ratio Lower Upper
142 100
141 85.9 67.7 101.5
115 43.1 33.4 50.2





#81

1,2,4-Trichlorobenzene

Concen: 17.999 ppbv

RT: 21.94

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

VSTDIC0015

Acq: 25 Mar 2021 3:51

Tot Ion:1

Ion Rati

180 100

182 101.

184 32.

Manual Integrations

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