

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030321\
 Data File : VL036439.D
 Acq On : 3 Mar 2021 13:24
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 14:10:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Mar 03 10:40:25 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1672504	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4087066	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	3822740	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3266661	10.39	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	2699824	10.816	ppbv	98
3) Chlorodifluoromethane	3.00	51	2710978	13.045	ppbv	100
4) Chloromethane	3.15	50	1332118	13.269	ppbv	95
5) Vinyl Chloride	3.26	62	1341582	14.350	ppbv	98
6) Bromomethane	3.48	94	780346	14.043	ppbv	95
7) Chloroethane	3.56	64	478437	14.413	ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	2917218	12.850	ppbv	99
9) Propene	3.02	41	1245549	16.076	ppbv	99
10) Heptane	8.14	43	3159896	13.838	ppbv	100
11) Trichlorofluoromethane	3.96	101	3290024	13.460	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.50	101	2108097	13.923	ppbv	100
13) Ethanol	3.62	45	185417	12.741	ppbv	98
14) Bromoethene	3.75	108	938525	14.811	ppbv	100
15) Acetone	3.86	43	2516618	12.310	ppbv	100
16) 1,3-Butadiene	3.33	39	1346546	13.774	ppbv	98
17) tert-Butyl alcohol	4.30	59	1936113	12.200	ppbv	100
18) 1,1-Dichloroethene	4.30	96	948169	13.780	ppbv	97
19) Isopropyl Alcohol	3.98	45	1268157	11.196	ppbv	99
20) Methylene Chloride	4.36	84	822078	12.464	ppbv	98
21) Allyl Chloride	4.42	41	1562675	13.729	ppbv	98
22) trans-1,2-Dichloroethene	4.90	96	917609	14.681	ppbv	95
23) Vinyl Acetate	5.09	43	3221603	13.402	ppbv	99
24) 1,1-Dichloroethane	5.02	63	2482664	13.965	ppbv	99
25) Ethyl Acetate	5.69	43	5145489	13.037	ppbv	98
26) Hexane	5.70	57	2127676	13.120	ppbv	99
27) Carbon Disulfide	4.56	76	2413554	16.194	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	2969597	14.018	ppbv	99
29) Chloroform	5.77	83	3470885	13.285	ppbv	97
30) Cyclohexane	7.14	84	1843841	13.672	ppbv	98
31) cis-1,2-Dichloroethene	5.56	61	2200359	13.713	ppbv	97
32) 1,1,1-Trichloroethane	6.53	97	3435519	14.066	ppbv	100
34) 2-Butanone	5.26	43	3419001	12.591	ppbv	99
35) Carbon Tetrachloride	7.03	117	3576110	13.055	ppbv	97
36) Benzene	6.91	78	4495598	12.949	ppbv	99
37) 1,2-Dichloroethane	6.32	62	2725377	12.697	ppbv	99
38) Trichloroethene	7.85	130	1580233	12.705	ppbv	98
39) 1,2-Dichloropropane	7.63	63	1818770	12.896	ppbv	97
40) 1,4-Dioxane	7.85	88	552469	11.306	ppbv	92
41) Tetrahydrofuran	6.06	42	2047042	13.508	ppbv	99
42) Bromodichloromethane	7.81	83	3747789	13.037	ppbv	98
43) Methyl Methacrylate	8.03	69	2036222	13.907	ppbv	100

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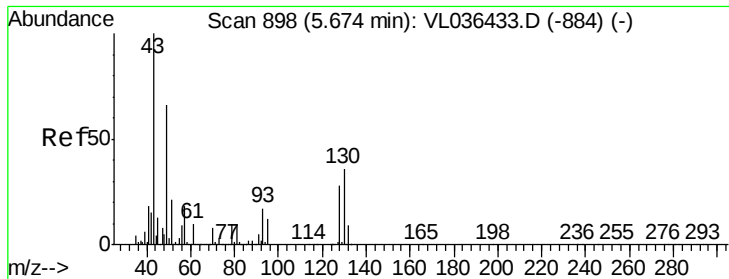
Manual Integrations
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	7438848	11.783	ppbv	98
45) t-1,3-Dichloropropene	9.30	75	2215753	15.687	ppbv	96
46) cis-1,3-Dichloropropene	8.72	75	2677367	14.922	ppbv	100
47) 1,1,2-Trichloroethane	9.49	97	1834340	12.709	ppbv	97
48) Dibromochloromethane	10.32	129	3122075	14.496	ppbv	100
49) Bromoform	13.06	173	2651364	15.228	ppbv	99
50) 4-Methyl-2-Pentanone	8.76	43	5193405	12.883	ppbv	99
51) 2-Hexanone	10.15	43	4400458	14.366	ppbv #	100
52) Tetrachloroethene	11.24	164	1541392m	12.127	ppbv	
53) Toluene	9.83	91	5063922	13.466	ppbv	100
54) 1,2-Dibromoethane	10.63	107	2739803	13.136	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.15	131	2265837	12.887	ppbv #	67
57) Chlorobenzene	12.17	112	3700740	12.530	ppbv	99
58) Ethyl Benzene	12.73	91	6782540	12.957	ppbv	97
59) m/p-Xylene	13.01	91	11354378m	24.695	ppbv	
60) o-Xylene	13.72	91	5436472	12.367	ppbv	98
61) Styrene	13.55	104	4024931	14.773	ppbv	99
62) Isopropylbenzene	14.69	105	8051889	12.219	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.70	83	3888399	11.210	ppbv	100
64) n-propylbenzene	15.58	120	2195993	13.541	ppbv	90
65) tert-Butylbenzene	16.77	119	6925441	12.284	ppbv	99
66) Benzyl Chloride	17.01	91	2795002	18.235	ppbv	98
67) sec-Butylbenzene	17.32	105	9616996	11.828	ppbv	98
69) p-Isopropyltoluene	17.68	119	8047906	12.808	ppbv	99
70) n-Butylbenzene	18.57	91	8283520	12.293	ppbv	98
71) 2-Chlorotoluene	15.47	91	6374402	12.619	ppbv	99
72) 4-Ethyltoluene	15.86	105	6521317	13.330	ppbv	100
73) 1,3,5-Trimethylbenzene	16.02	105	6025303	12.705	ppbv	95
74) 1,2,4-Trimethylbenzene	16.79	105	5986974	12.366	ppbv	98
75) 1,3-Dichlorobenzene	17.02	146	3447919	13.120	ppbv	100
76) 1,4-Dichlorobenzene	17.16	146	3485278	12.771	ppbv	98
77) 1,2-Dichlorobenzene	17.84	146	3362099	12.896	ppbv	100
78) Hexachloro-1,3-Butadiene	23.40	225	2388632	11.215	ppbv	99
79) Naphthalene	22.23	128	4716898	16.435	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	1406571	26.469	ppbv	96
81) 1,2,4-Trichlorobenzene	21.95	180	2424286	13.845	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 13:24 VSTDIC015

Tot Ion:

Ion Ratio

49 100

128 45.

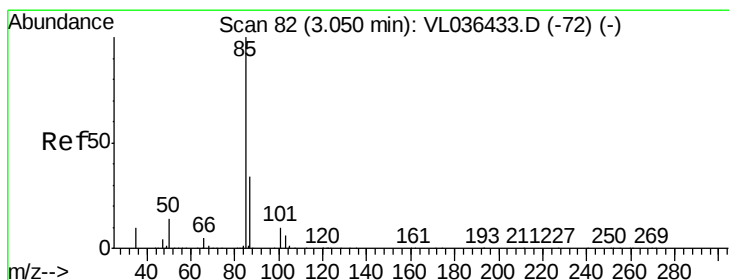
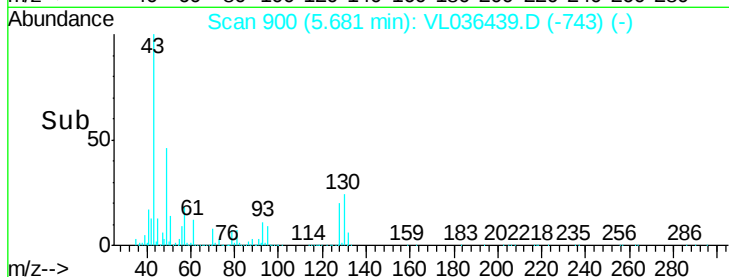
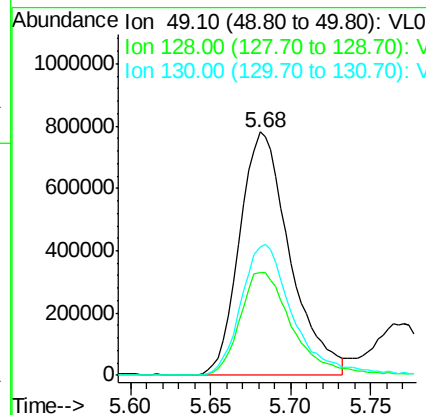
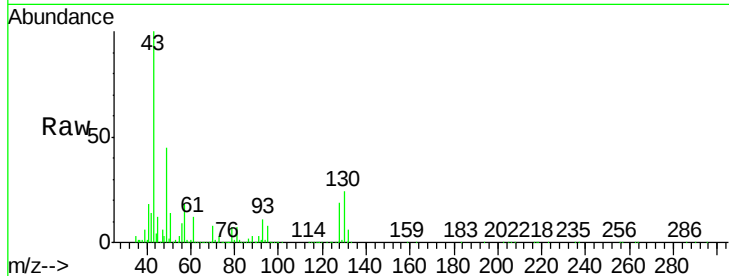
130 56.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/04/2021



#2

Dichlorodifluoromethane

Concen: 10.816 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL036439.D

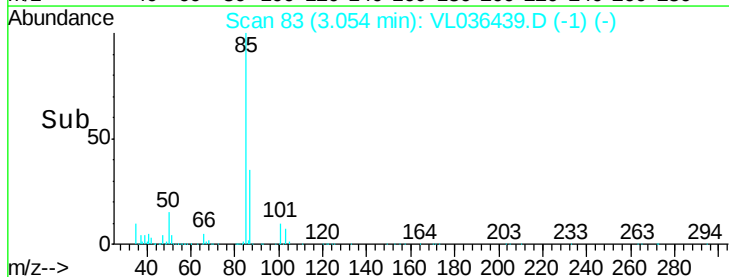
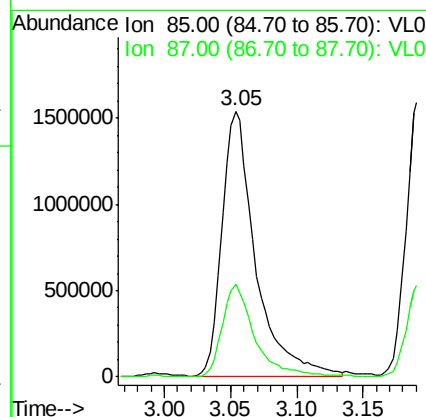
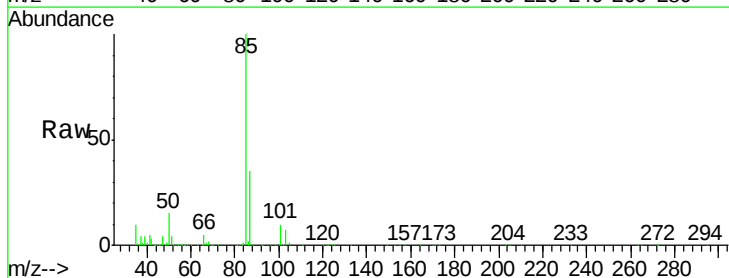
Acq: 3 Mar 2021 13:24

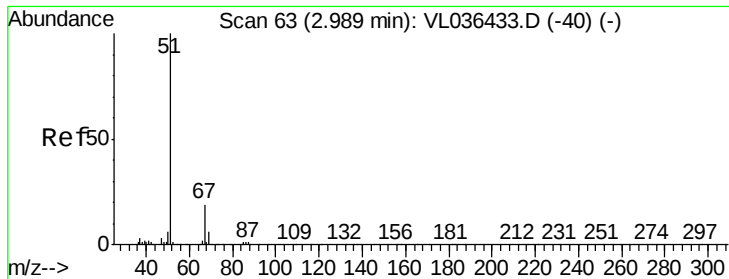
Tgt Ion: 85 Resp: 2699824

Ion Ratio Lower Upper

85 100

87 34.9 27.1 40.7





#3

Chlorodifluoromethane

Concen: 13.045 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 13:24 VSTDIC015

Tot Ion:

Ion Ratio

51 100

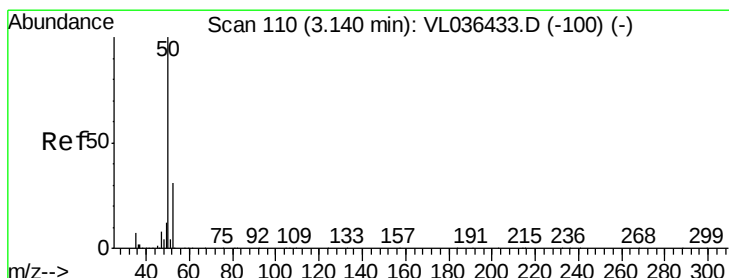
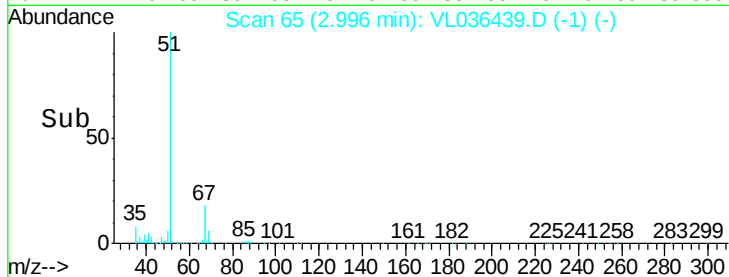
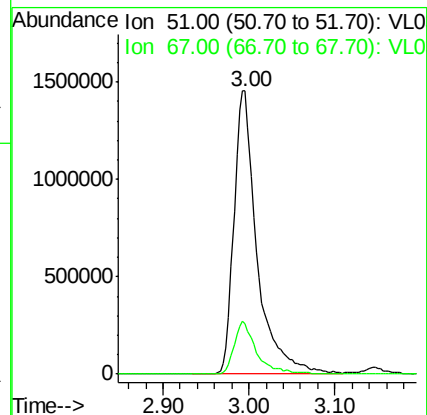
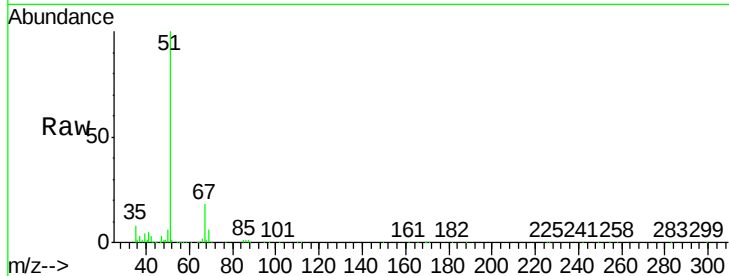
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#4

Chloromethane

Concen: 13.269 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.01 min

Lab File: VL036439.D

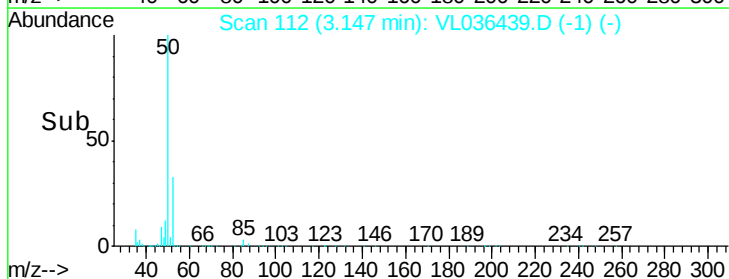
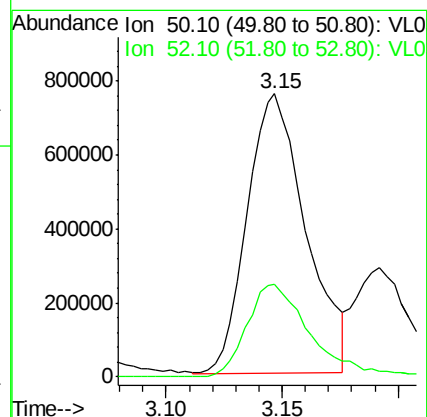
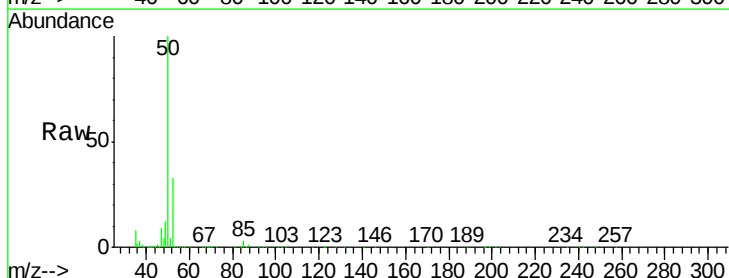
Acq: 3 Mar 2021 13:24

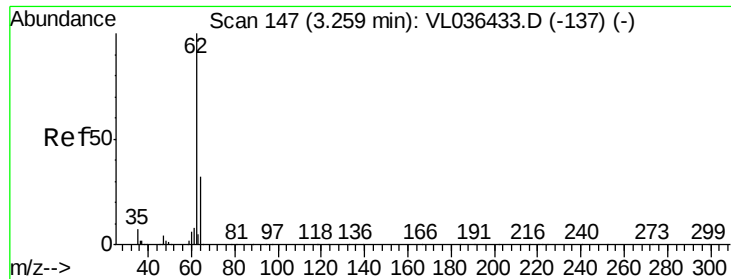
Tgt Ion: 50 Resp: 1332118

Ion Ratio Lower Upper

50 100

52 33.2 24.6 36.8





#5

Vinyl Chloride

Concen: 14.350 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 13:24 VSTDIC015

Tot Ion:

Ion Ratio

62 100

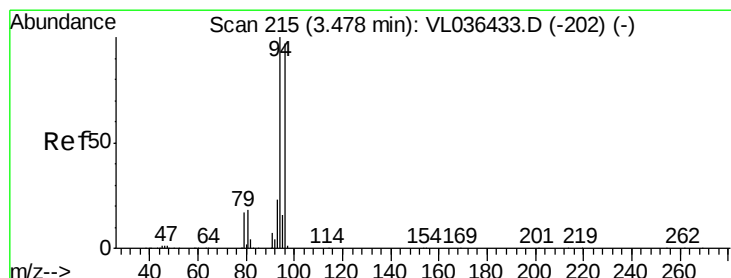
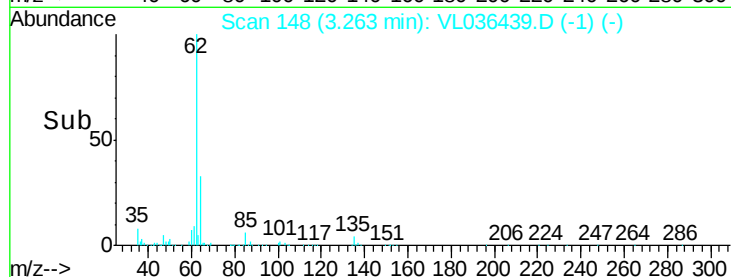
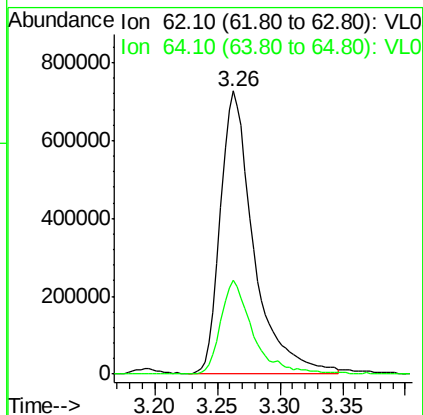
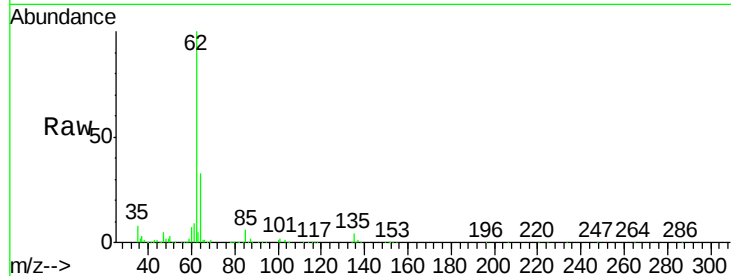
64 33.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/04/2021



#6

Bromomethane

Concen: 14.043 ppbv

RT: 3.48 min Scan# 215

Delta R.T. -0.00 min

Lab File: VL036439.D

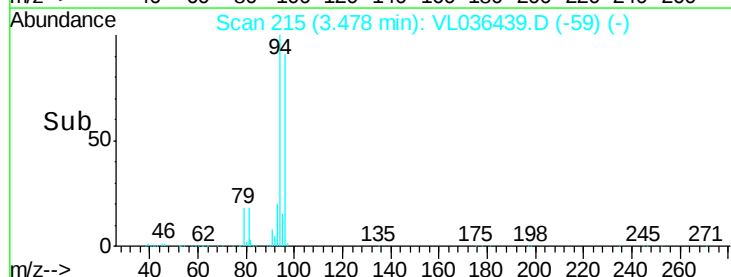
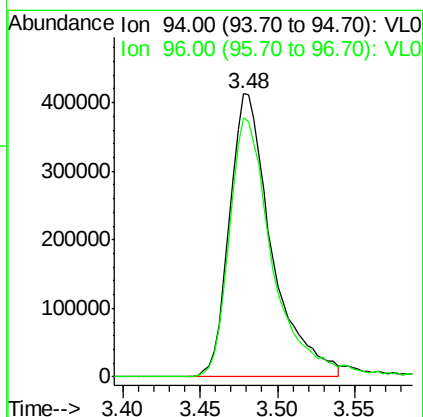
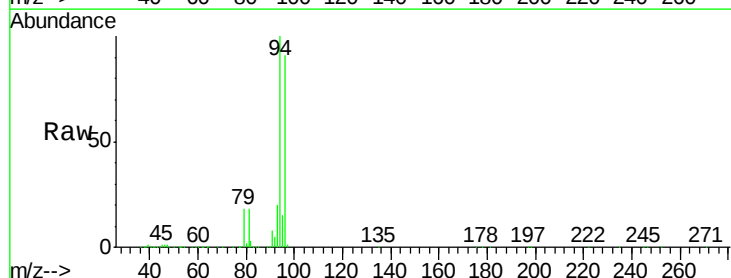
Acq: 3 Mar 2021 13:24

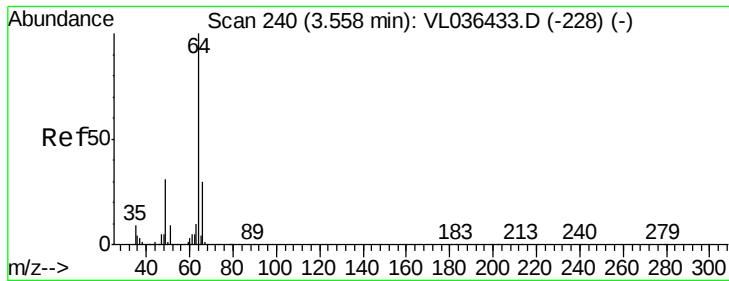
Tgt Ion: 94 Resp: 780346

Ion Ratio Lower Upper

94 100

96 91.4 77.3 115.9





#7

Chloroethane

Concen: 14.413 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 13:24 VSTDIC015

Tot Ion:

Ion Ratio

64 100

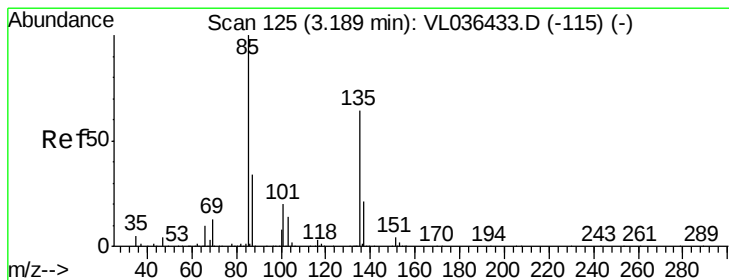
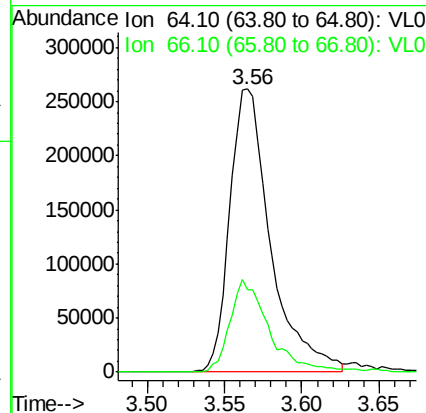
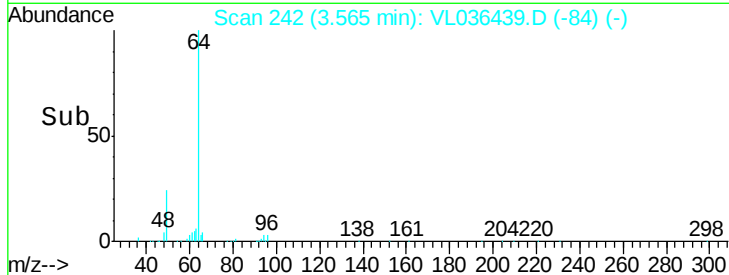
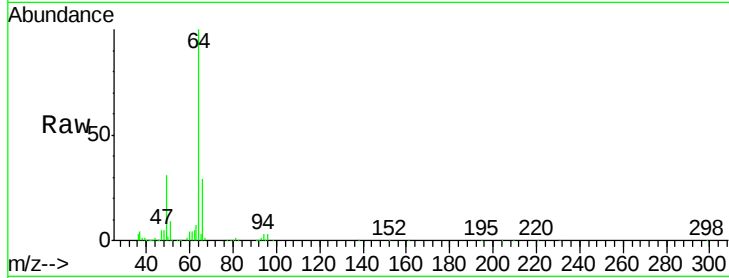
66 29.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#8

Dichlorotetrafluoroethane

Concen: 12.850 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL036439.D

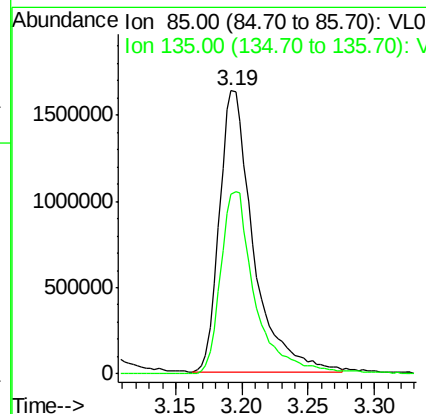
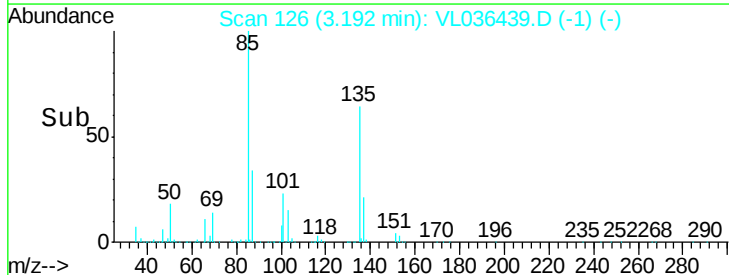
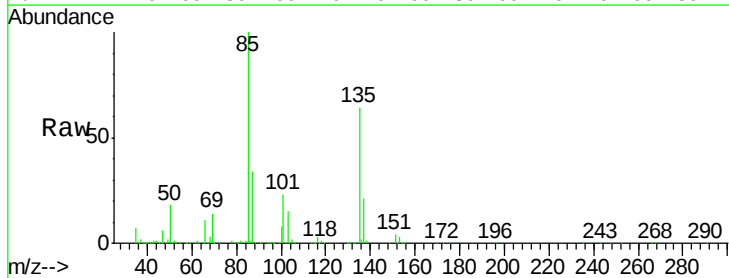
Acq: 3 Mar 2021 13:24

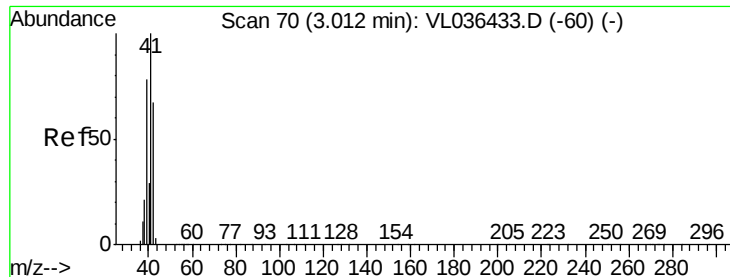
Tgt Ion: 85 Resp: 2917218

Ion Ratio Lower Upper

85 100

135 66.4 52.8 79.2



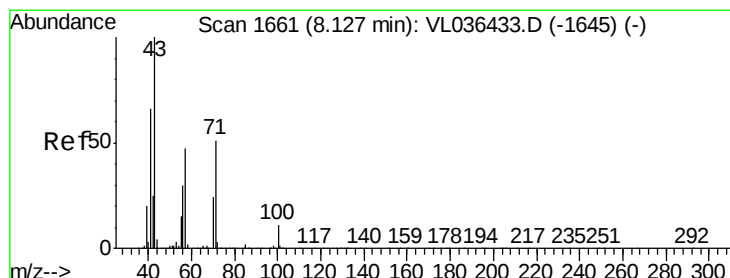
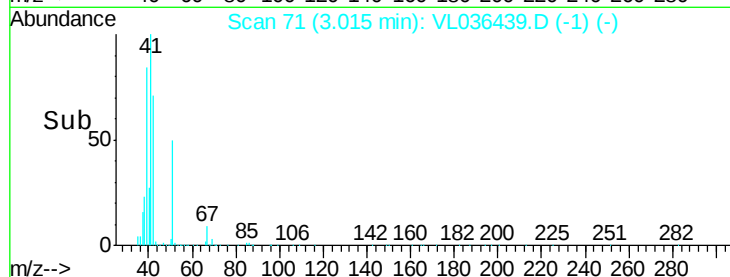
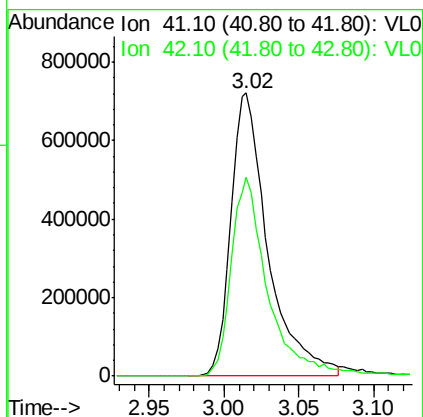
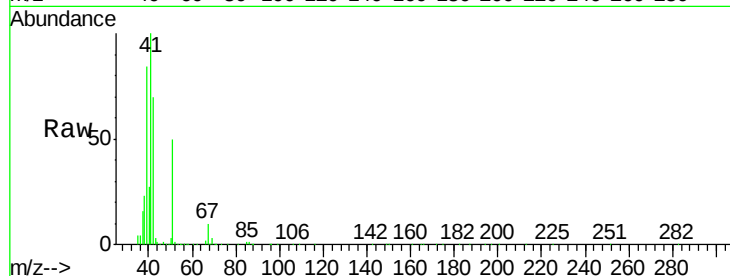


#9
 Propene
 Concen: 16.076 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 13:24

Tot Ion:
 Ion Ratio
 41 100
 42 69.

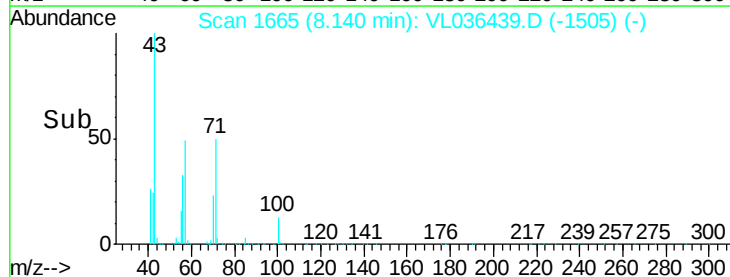
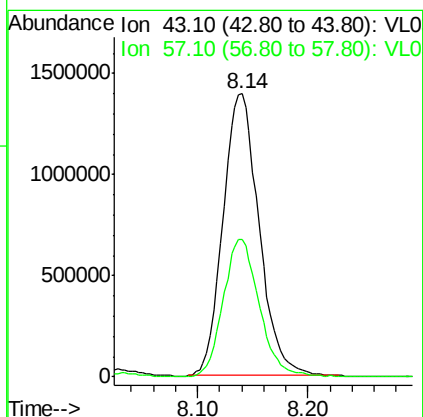
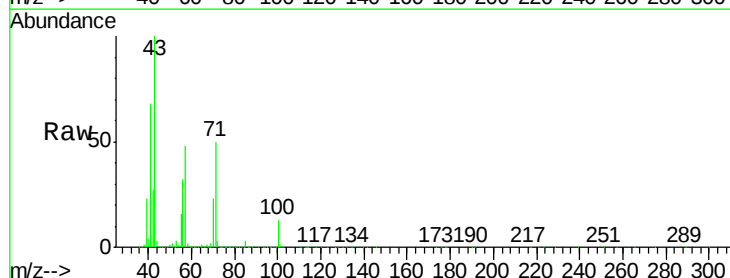
Manual Integrations
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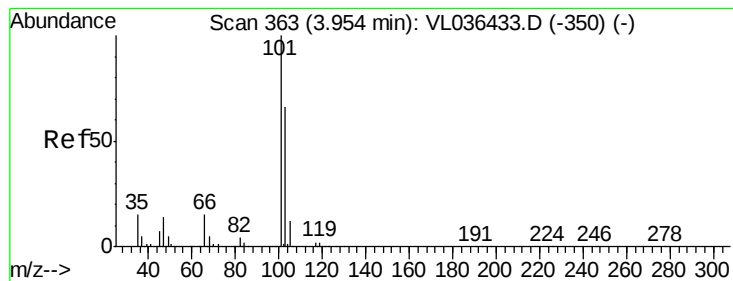
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#10
 Heptane
 Concen: 13.838 ppbv
 RT: 8.14 min Scan# 1665
 Delta R.T. 0.01 min
 Lab File: VL036439.D
 Acq: 3 Mar 2021 13:24

Tgt Ion: 43 Resp: 3159896
 Ion Ratio Lower Upper
 43 100
 57 48.9 39.1 58.7





#11

Trichlorofluoromethane

Concen: 13.460 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 13:24 VSTDIC015

Tot Ion:1

Ion Ratio

101 100

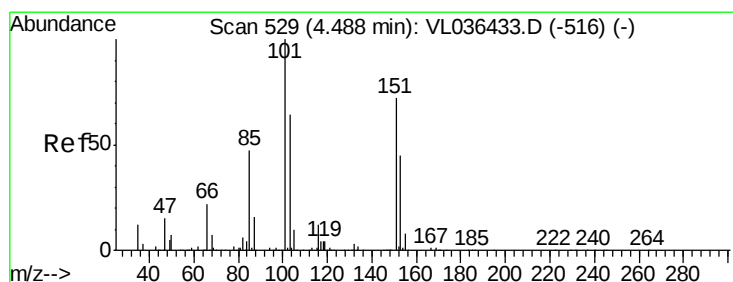
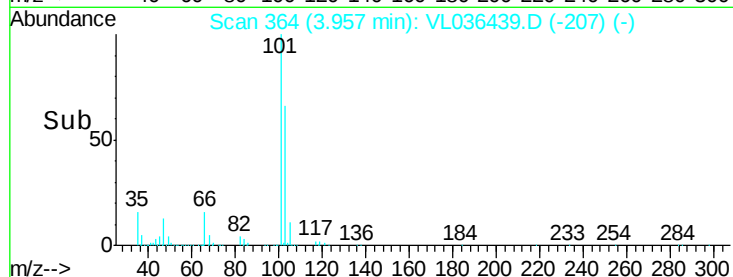
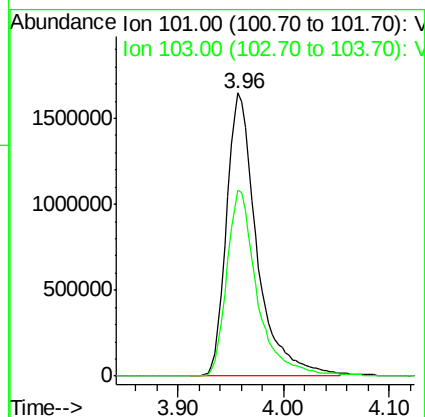
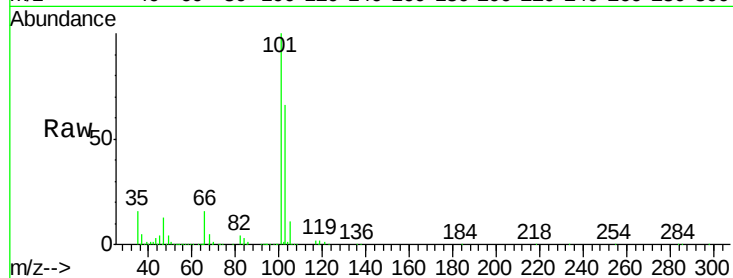
103 65.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/04/2021



#12

1,1,2-Trichlorotrifluoroethane

Concen: 13.923 ppbv

RT: 4.50 min Scan# 532

Delta R.T. 0.01 min

Lab File: VL036439.D

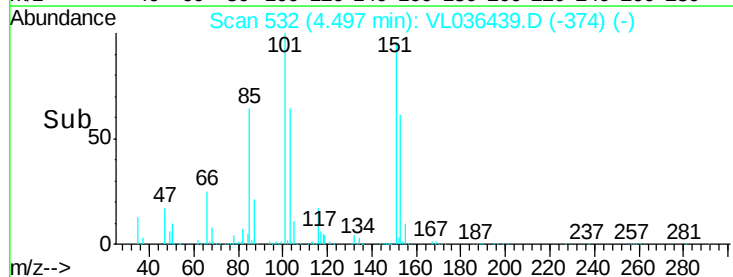
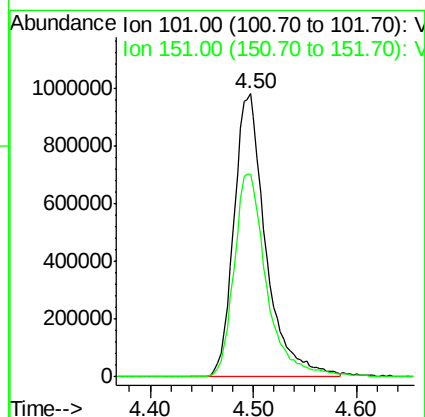
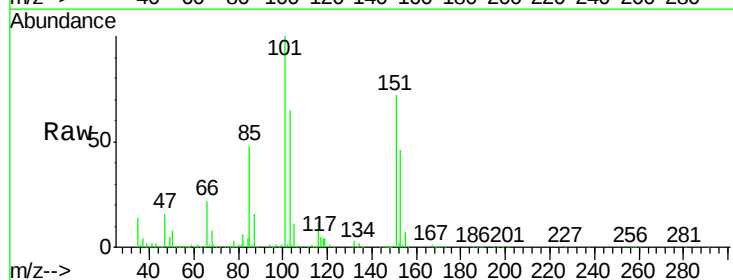
Acq: 3 Mar 2021 13:24

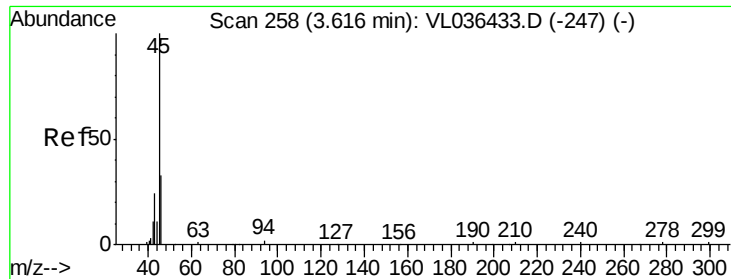
Tgt Ion:101 Resp: 2108097

Ion Ratio Lower Upper

101 100

151 73.8 59.0 88.4



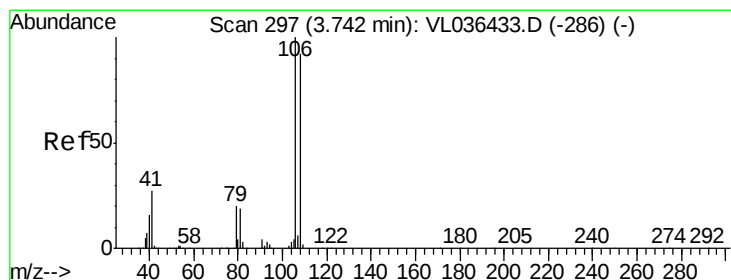
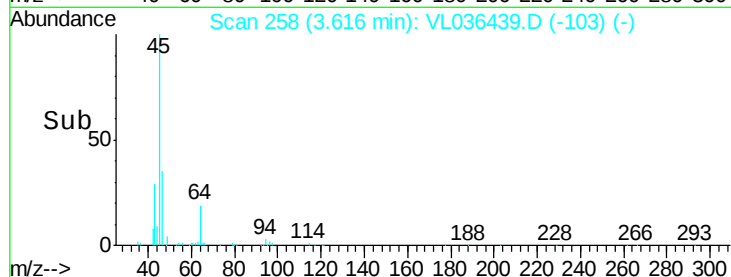
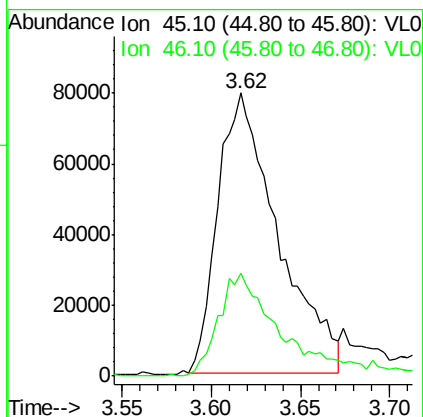
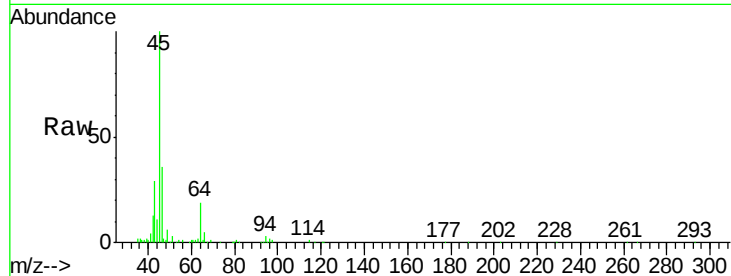


#13
Ethanol
Concen: 12.741 ppbv
RT: 3.62
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 13:24

Tot Ion:
Ion Ratio
45 100
46 40.

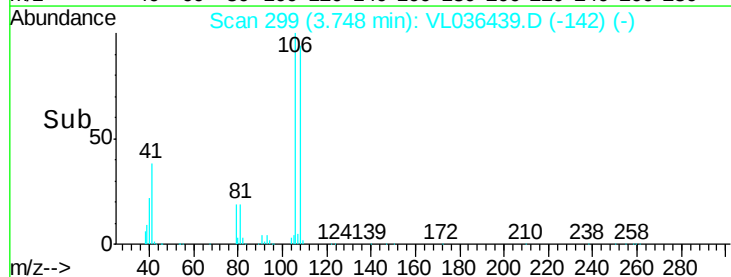
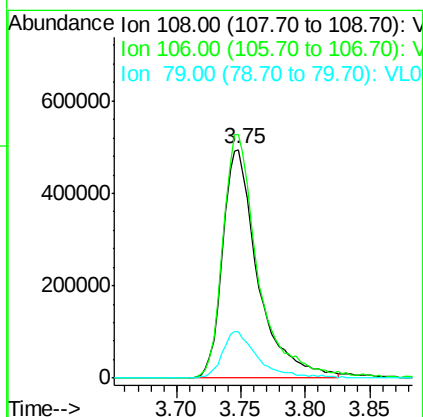
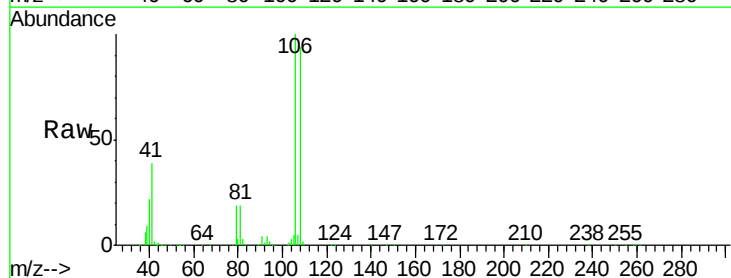
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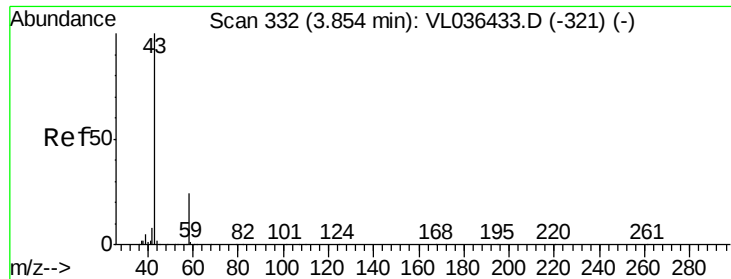
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#14
Bromoethene
Concen: 14.811 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion:108 Resp: 938525
Ion Ratio Lower Upper
108 100
106 108.3 87.0 130.4
79 21.1 17.1 25.7





#15

Acetone

Concen: 12.310 ppbv

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 13:24 VSTDIC015

Tot Ion:

Ion Ratio

43 100

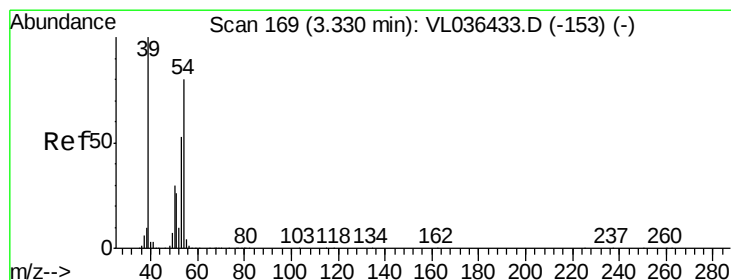
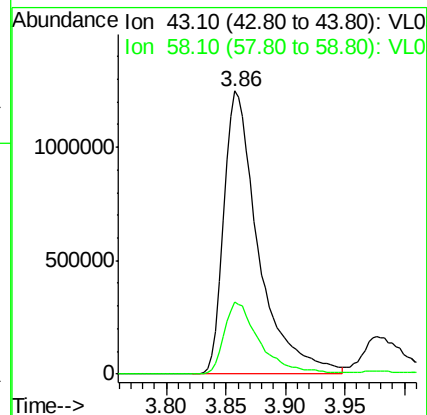
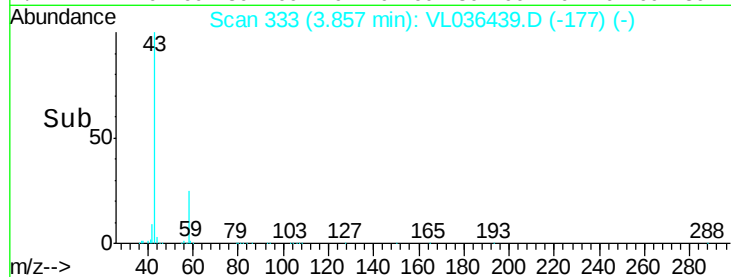
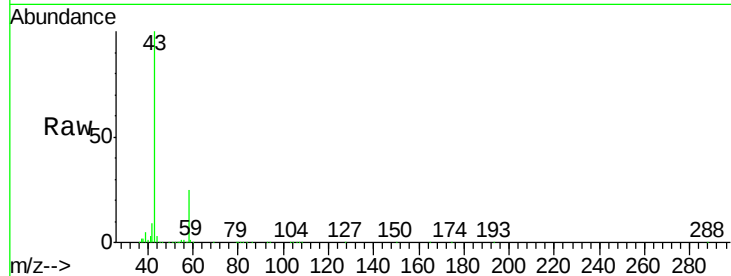
58 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#16

1,3-Butadiene

Concen: 13.774 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.00 min

Lab File: VL036439.D

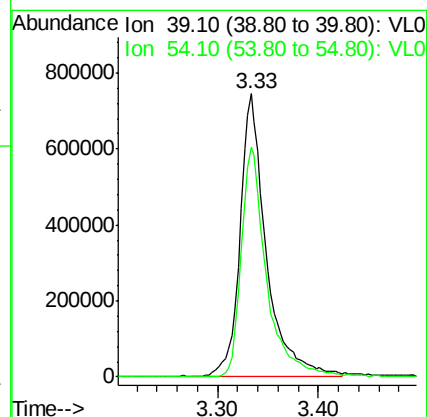
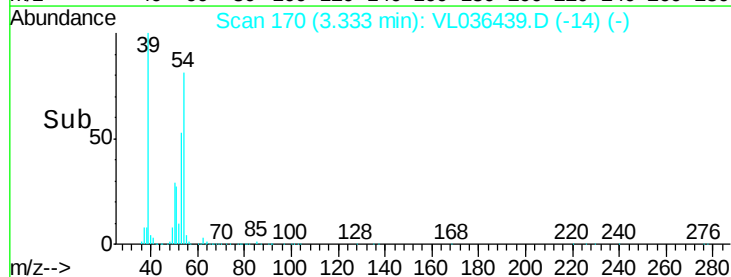
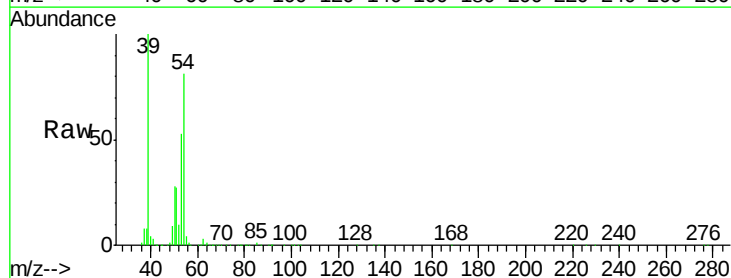
Acq: 3 Mar 2021 13:24

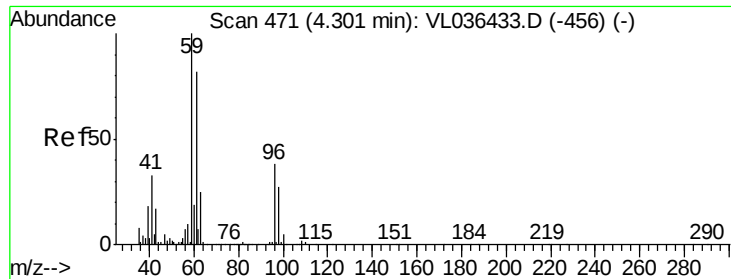
Tgt Ion: 39 Resp: 1346546

Ion Ratio Lower Upper

39 100

54 78.9 64.5 96.7





#17

tert-Butyl alcohol

Concen: 12.200 ppbv

RT: 4.30 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 3 Mar 2021 13:24 VSTDIC015

Tot Ion:

Ion Ratio

59 100

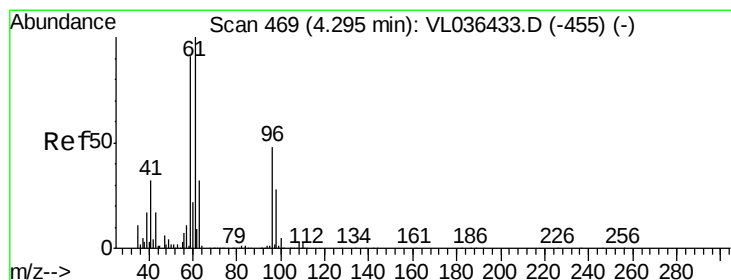
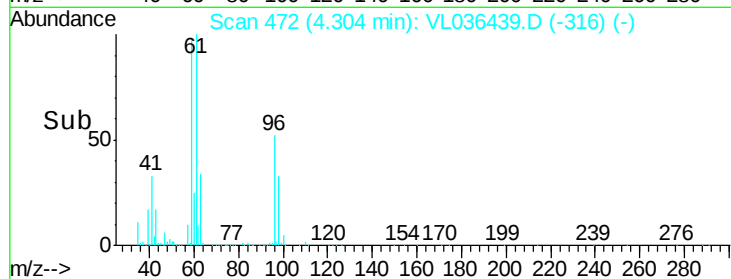
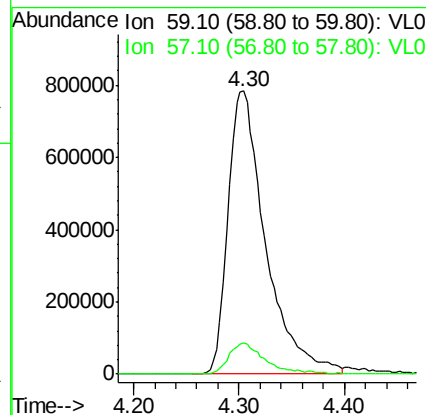
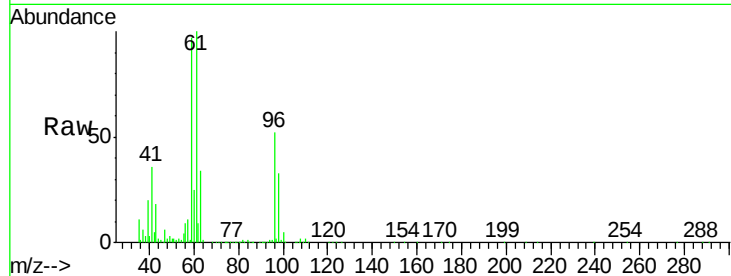
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#18

1,1-Dichloroethene

Concen: 13.780 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.00 min

Lab File: VL036439.D

Acq: 3 Mar 2021 13:24

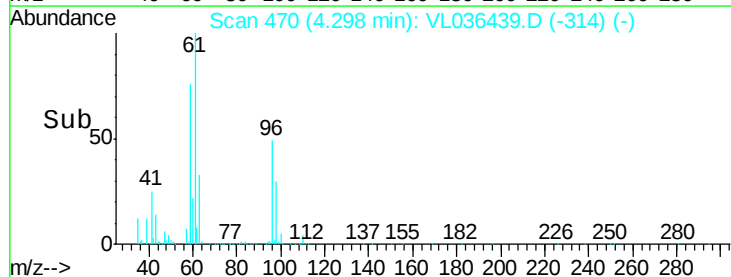
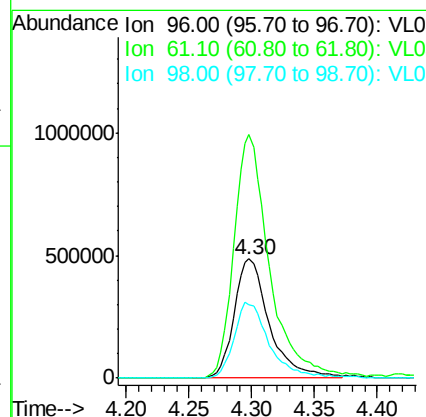
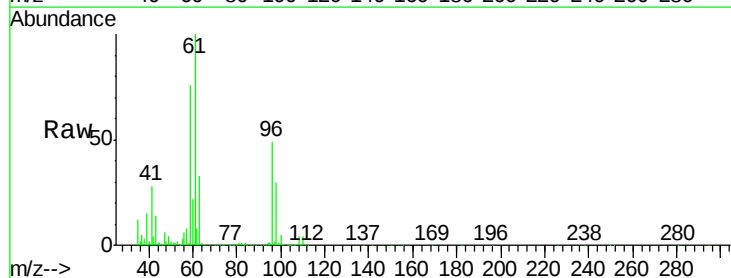
Tgt Ion: 96 Resp: 948169

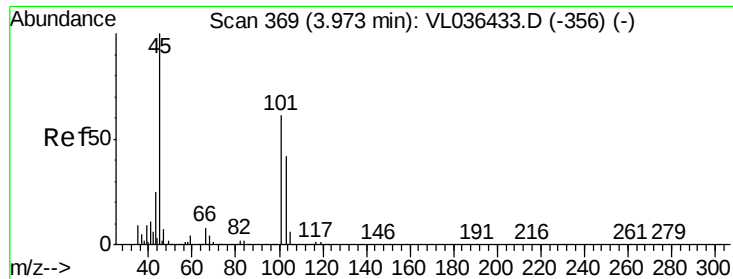
Ion Ratio Lower Upper

96 100

61 204.3 168.2 252.2

98 61.2 47.8 71.6



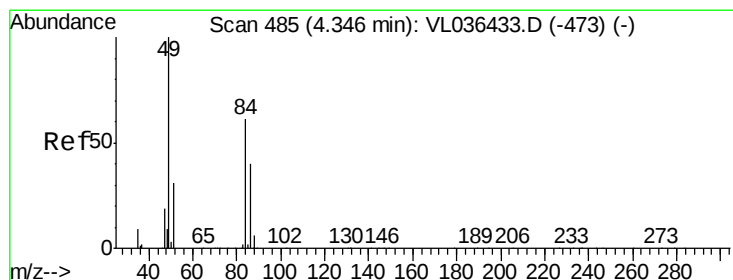
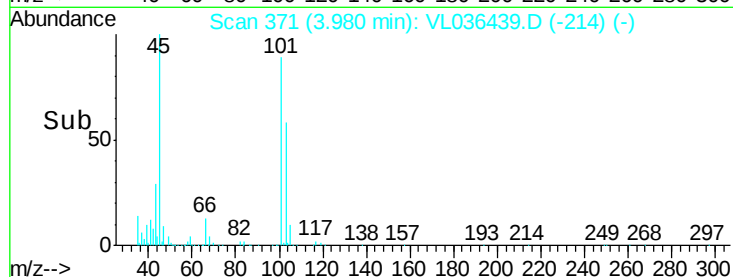
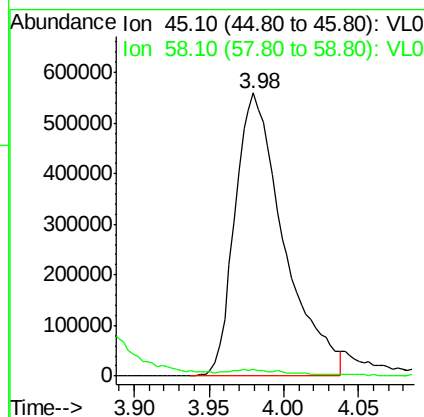
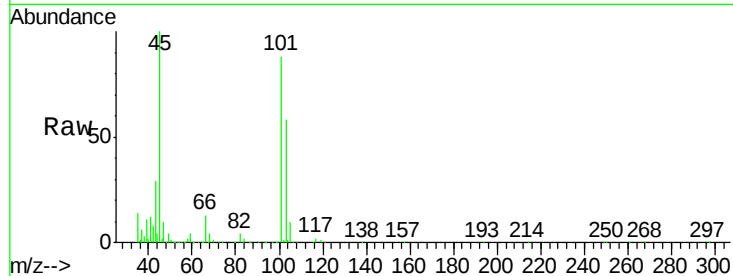


#19
Isopropyl Alcohol
Concen: 11.196 ppbv
RT: 3.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 3 Mar 2021 13:24

Tot Ion:
Ion Ratio
45 100
58 2.

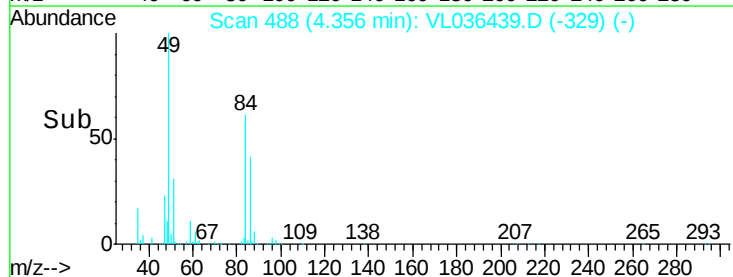
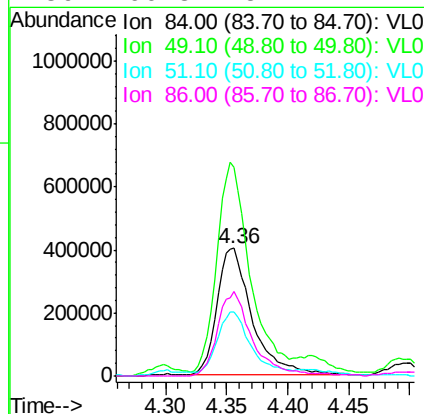
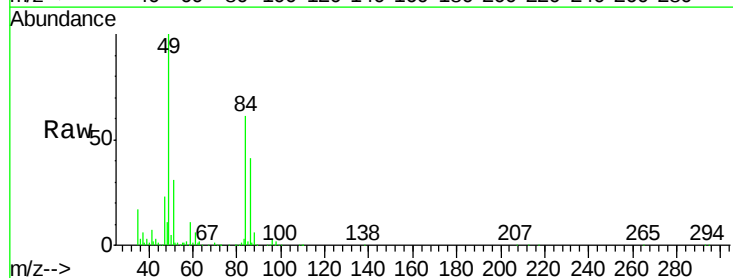
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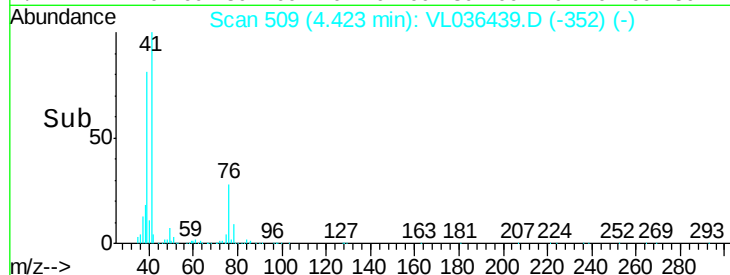
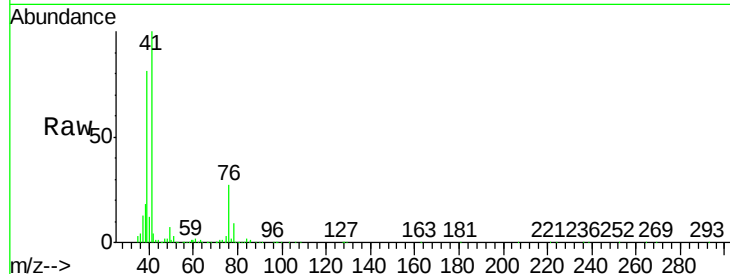
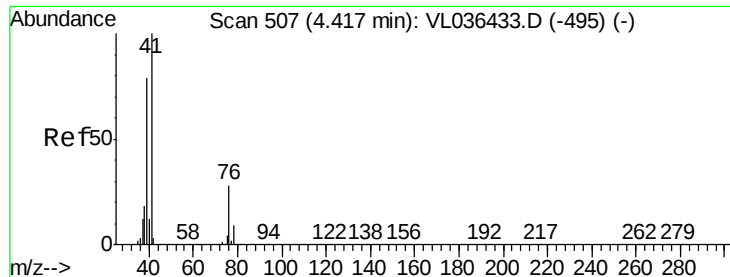
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#20
Methylene Chloride
Concen: 12.464 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion: 84 Resp: 822078
Ion Ratio Lower Upper
84 100
49 160.7 130.2 195.2
51 48.8 40.5 60.7
86 66.3 51.4 77.2



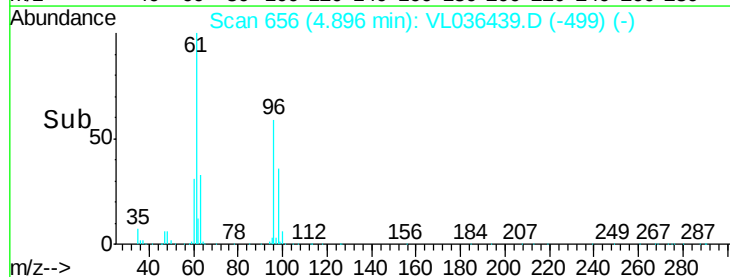
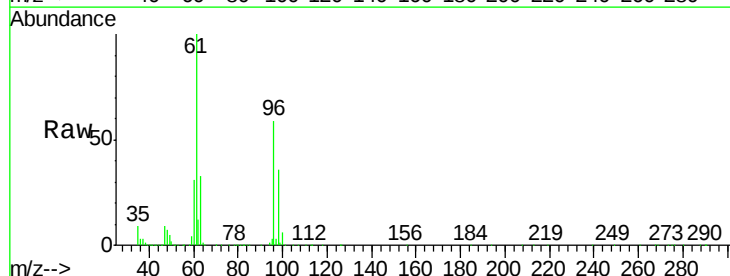
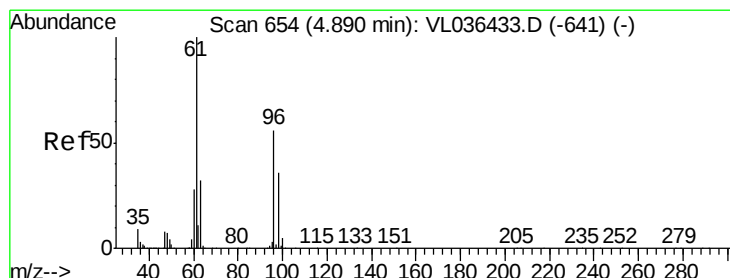
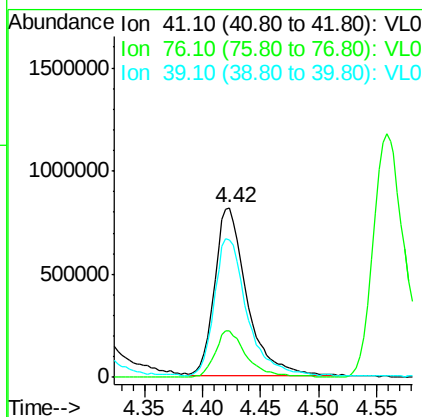


#21
Allvl Chloride
Concen: 13.729 ppbv
RT: 4.42
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 13:24

Tot Ion:
Ion Ratio
41 100
76 27.
39 84.

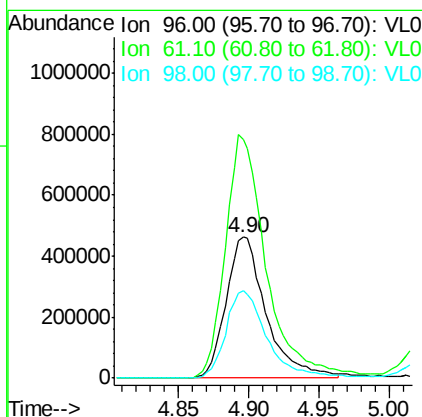
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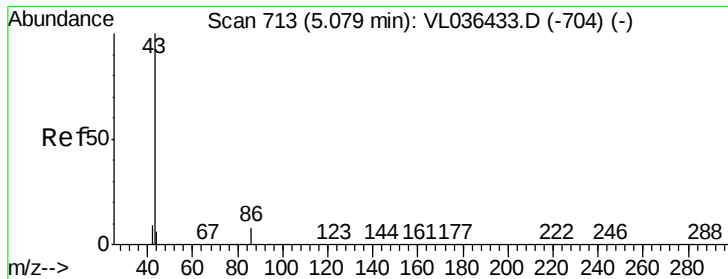
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#22
trans-1,2-Dichloroethene
Concen: 14.681 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion: 96 Resp: 917609
Ion Ratio Lower Upper
96 100
61 169.2 142.1 213.1
98 61.6 50.6 75.8





#23

Vinyl Acetate

Concen: 13.402 ppbv

RT: 5.09 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDIC015

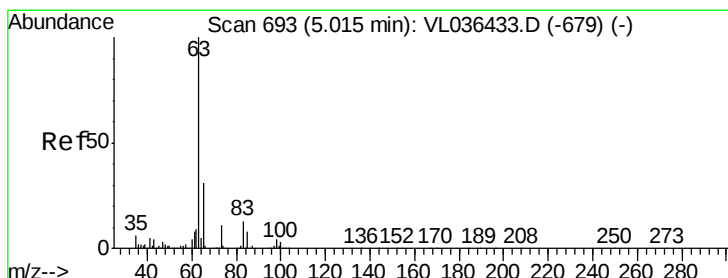
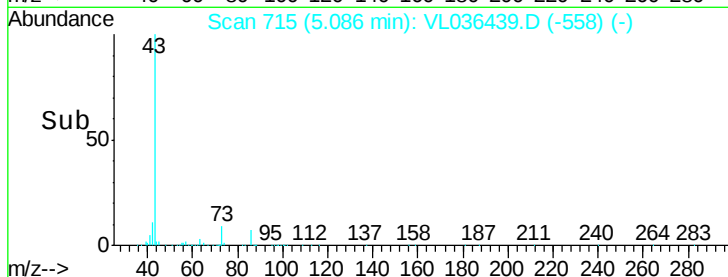
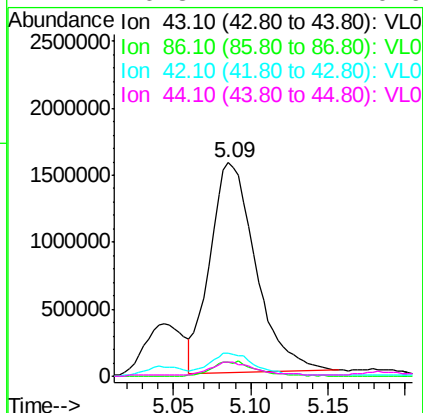
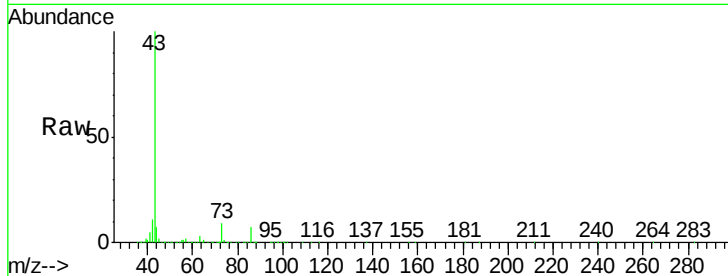
Acq: 3 Mar 2021 13:24

Tot Ion: 43 100 86 6. 42 10. 44 6.3 4.4 6.6

Ion Ratio

Manual Integrations
APPROVED

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



#24

1,1-Dichloroethane

Concen: 13.965 ppbv

RT: 5.02 min Scan# 696

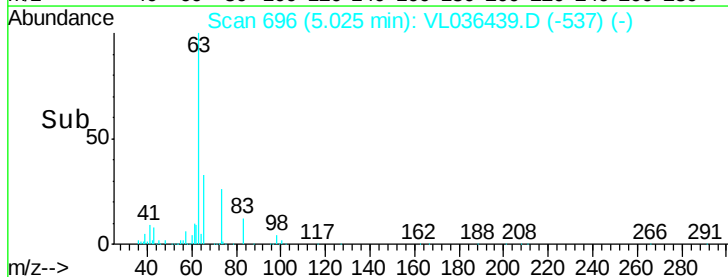
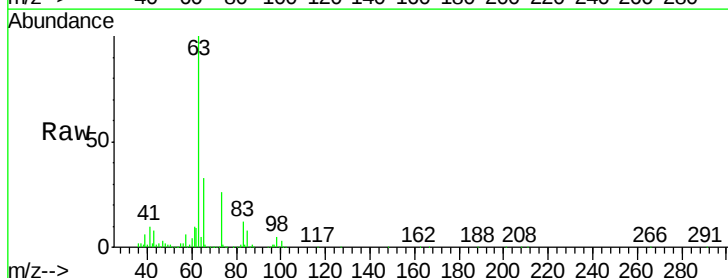
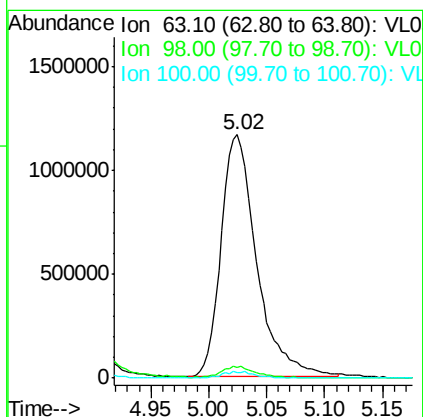
Delta R.T. 0.01 min

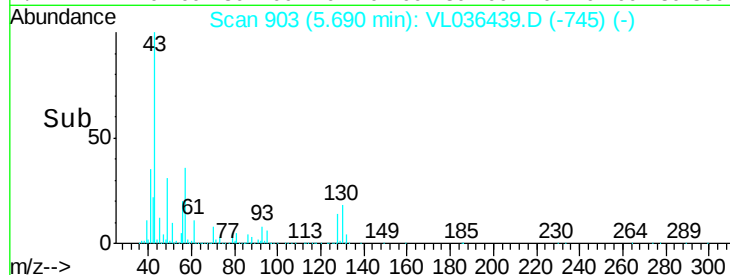
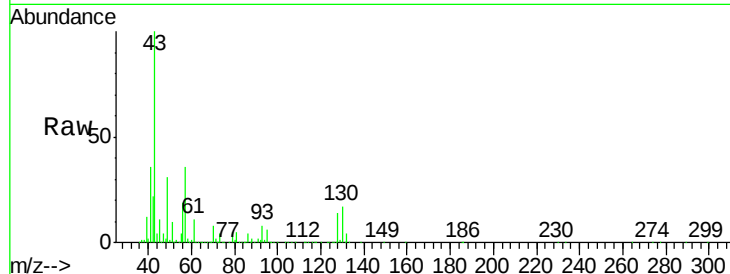
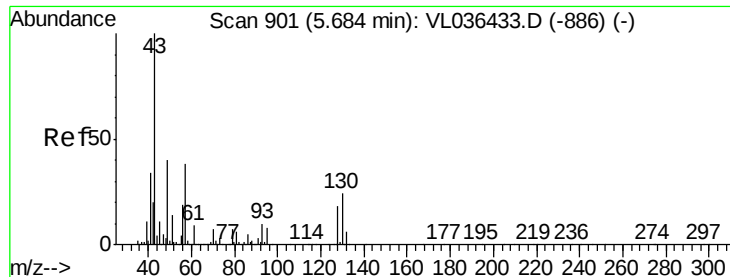
Lab File: VL036439.D

Acq: 3 Mar 2021 13:24

Tgt Ion: 63 Resp: 2482664

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.0	5.8
100	2.5	1.3	3.8



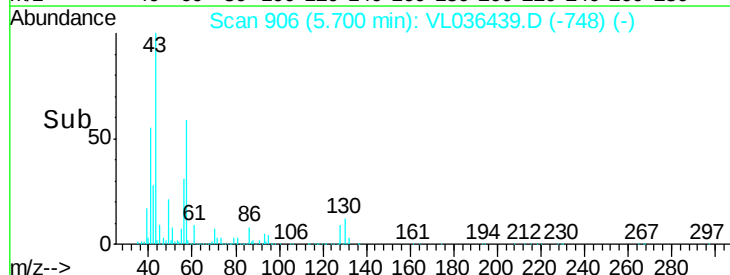
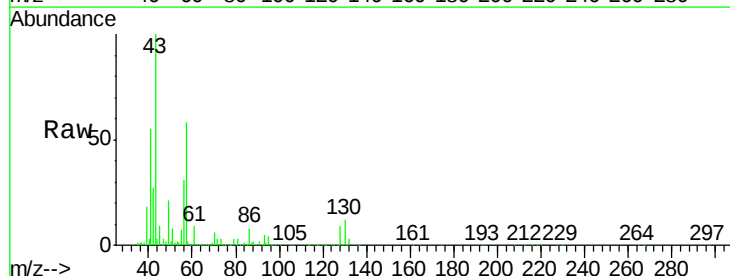
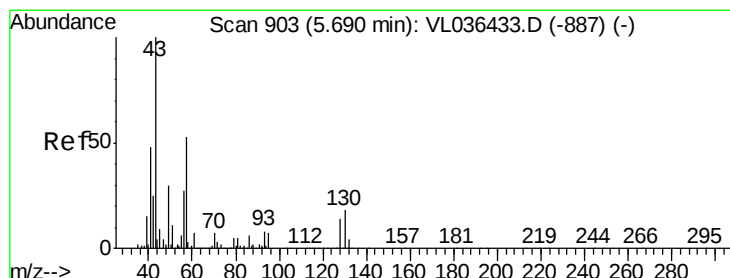
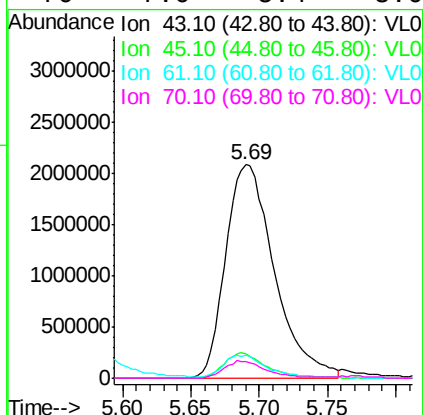


#25
Ethyl Acetate
Concen: 13.037 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 3 Mar 2021 13:24

Tot Ion:
Ion Ratio
43 100
45 10.
61 10.
70 7.0 5.4 8.0

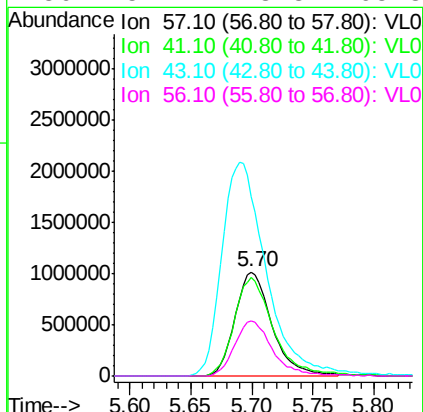
Manual Integrations
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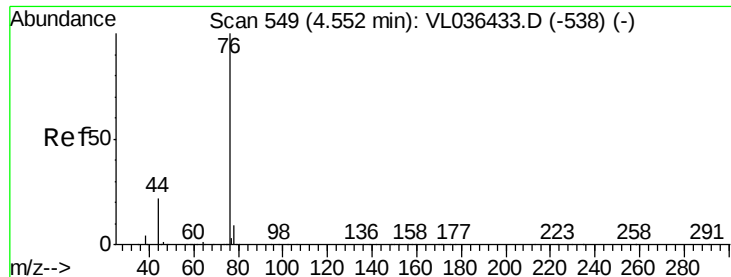
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#26
Hexane
Concen: 13.120 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion: 57 Resp: 2127676
Ion Ratio Lower Upper
57 100
41 101.5 80.4 120.6
43 248.6 199.8 299.6
56 54.7 43.8 65.8





#27

Carbon Disulfide

Concen: 16.194 ppbv

RT: 4.56 Instrument: MSVOA_L

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDIC015

Acq: 3 Mar 2021 13:24

Tot Ion:

Ion Ratio

76 100

44 21.

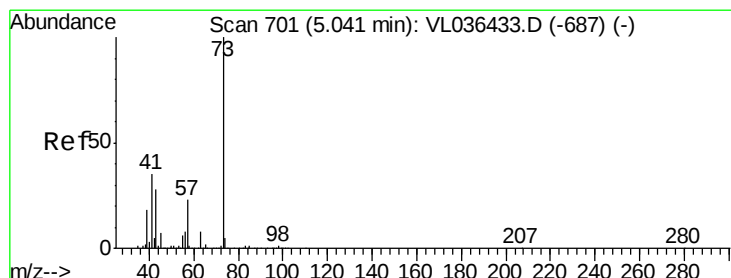
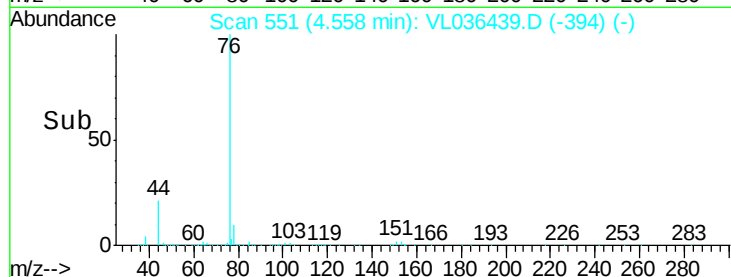
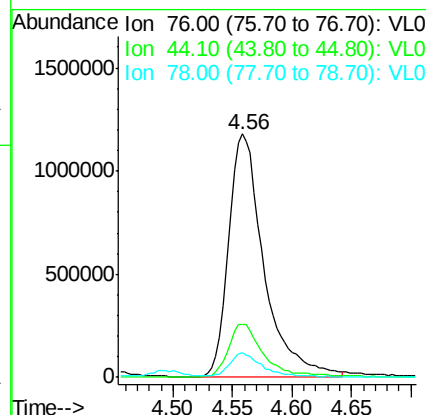
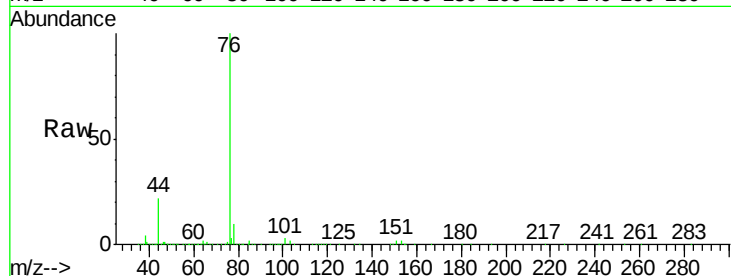
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#28

Methyl tert-Butyl Ether

Concen: 14.018 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.00 min

Lab File: VL036439.D

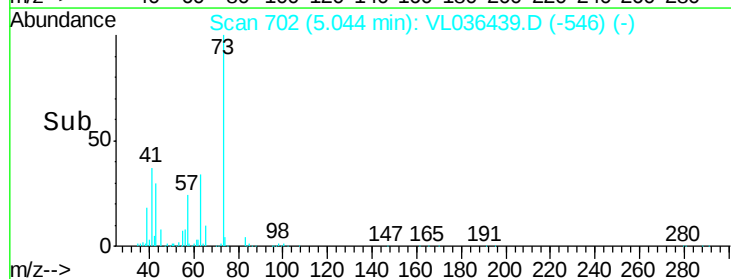
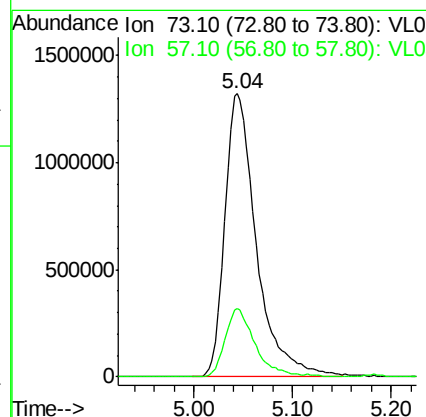
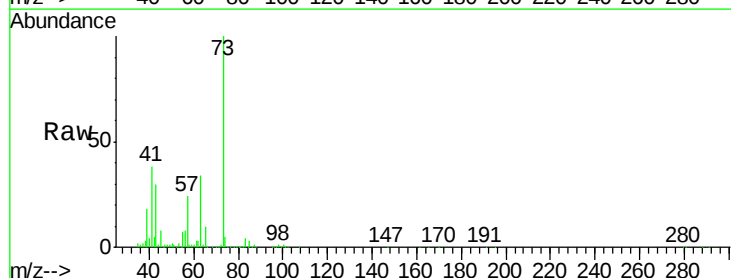
Acq: 3 Mar 2021 13:24

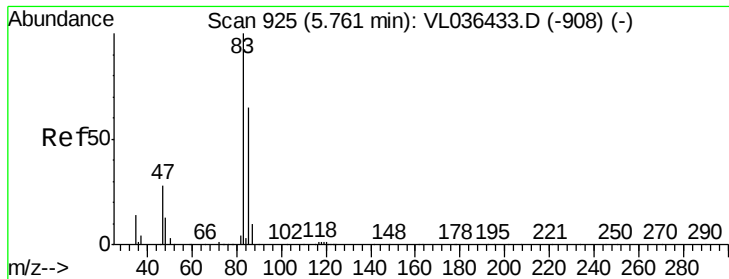
Tgt Ion: 73 Resp: 2969597

Ion Ratio Lower Upper

73 100

57 23.4 19.0 28.6



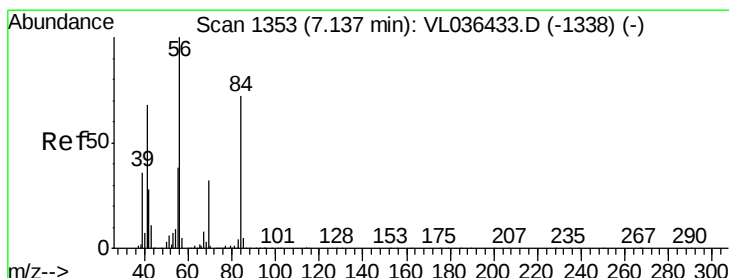
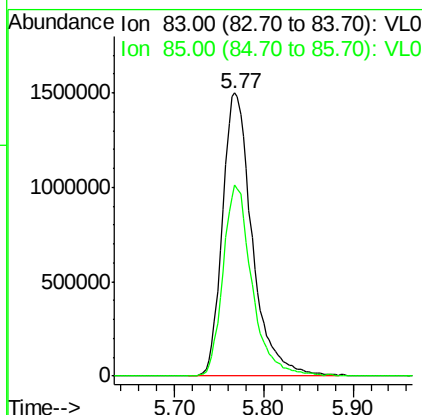
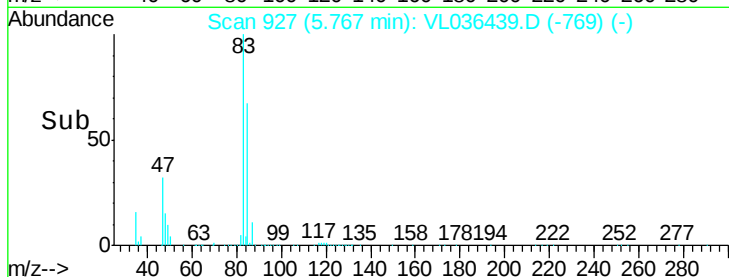
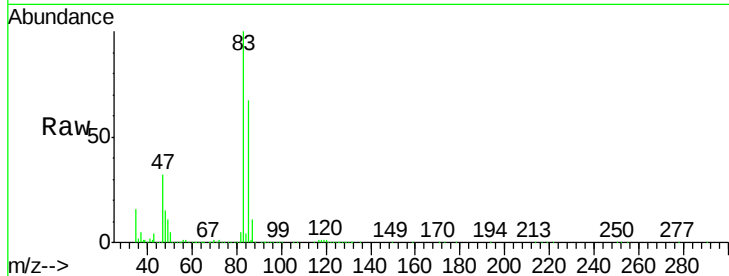


#29
Chloroform
Concen: 13.285 ppbv
RT: 5.77
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 3 Mar 2021 13:24

Tot Ion:
Ion Ratio
83 100
85 67.

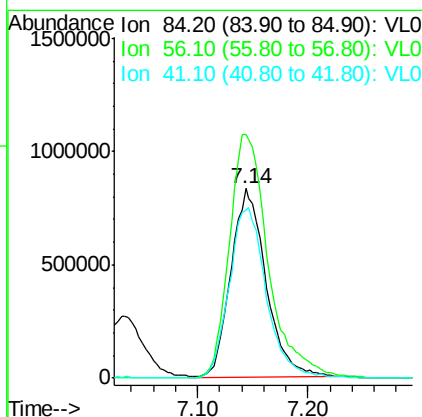
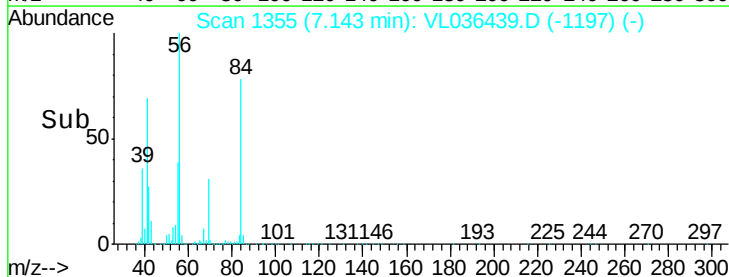
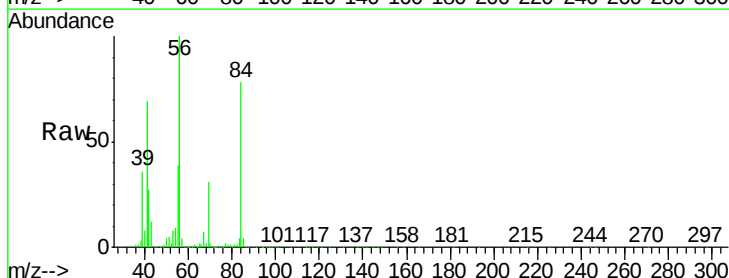
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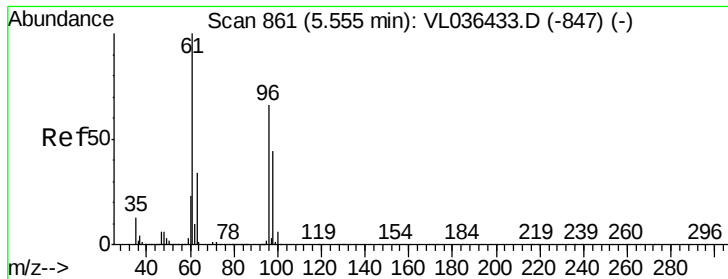
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#30
Cyclohexane
Concen: 13.672 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion: 84 Resp: 1843841
Ion Ratio Lower Upper
84 100
56 144.1 117.6 176.4
41 95.1 75.9 113.9





#31

cis-1,2-Dichloroethene

Concen: 13.713 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 13:24 VSTDIC015

Tot Ion:

Ion Ratio

61 100

96 63.

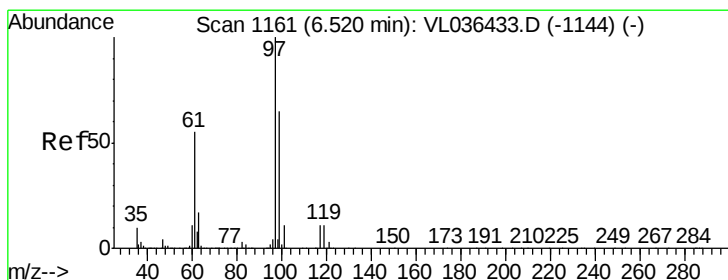
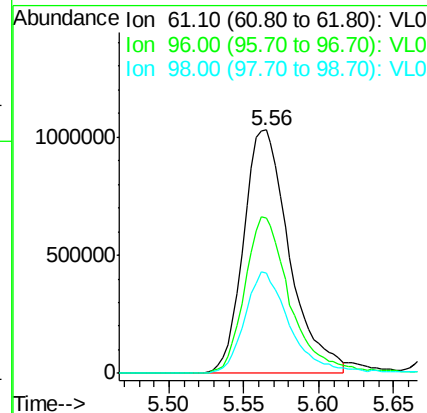
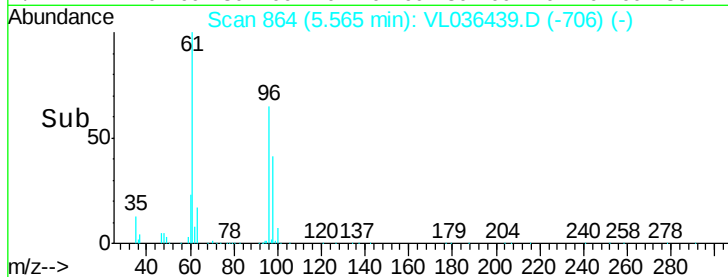
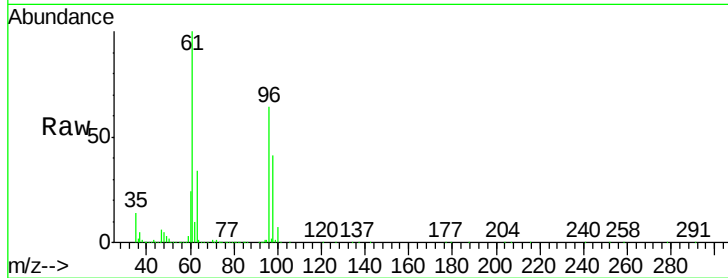
98 41.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#32

1,1,1-Trichloroethane

Concen: 14.066 ppbv

RT: 6.53 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VL036439.D

Acq: 3 Mar 2021 13:24

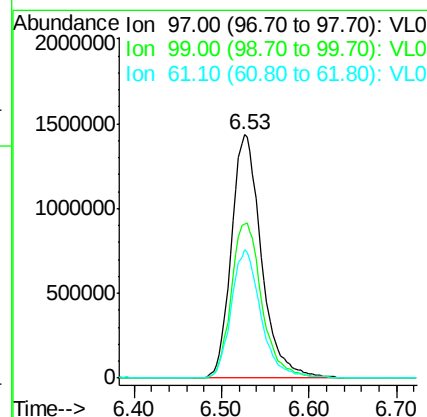
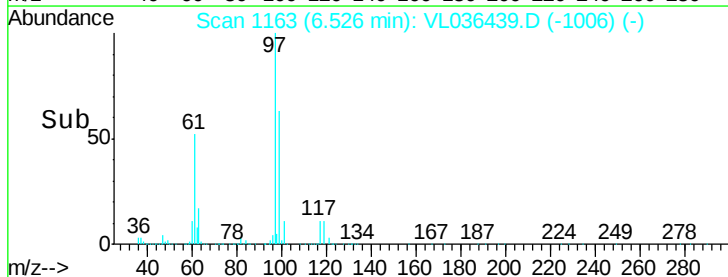
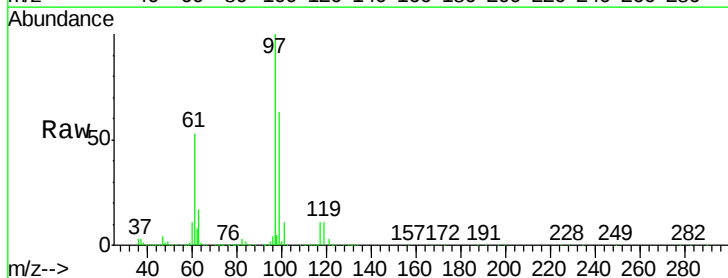
Tgt Ion: 97 Resp: 3435519

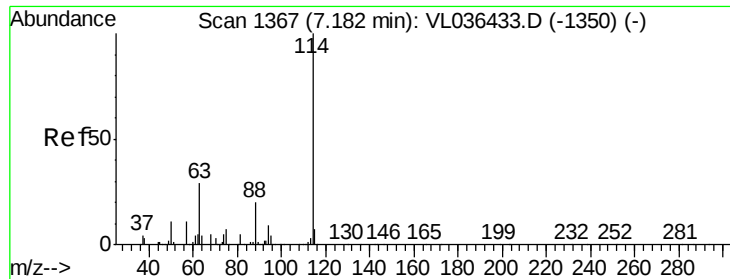
Ion Ratio Lower Upper

97 100

99 65.0 52.1 78.1

61 52.1 42.2 63.4



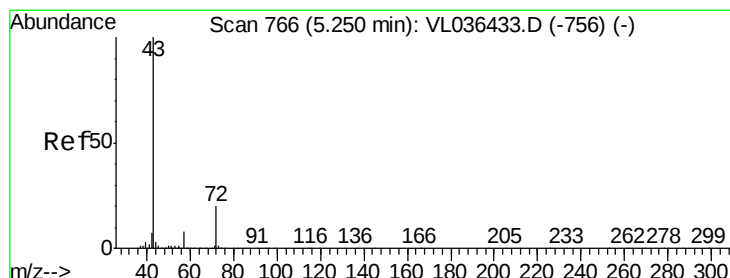
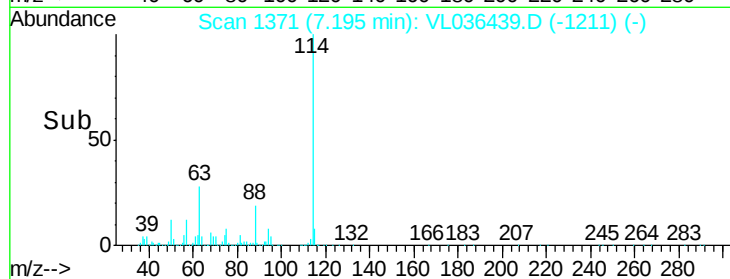
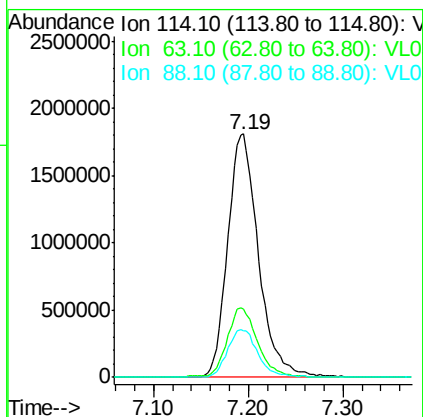
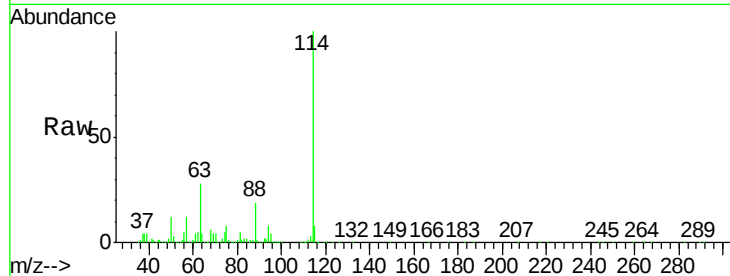


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument : MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 3 Mar 2021 13:24

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

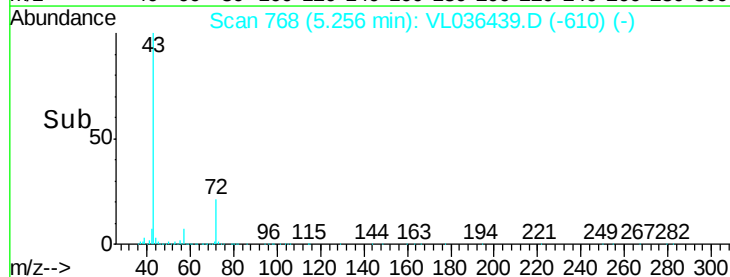
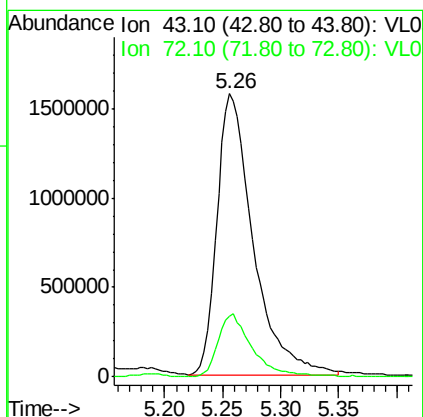
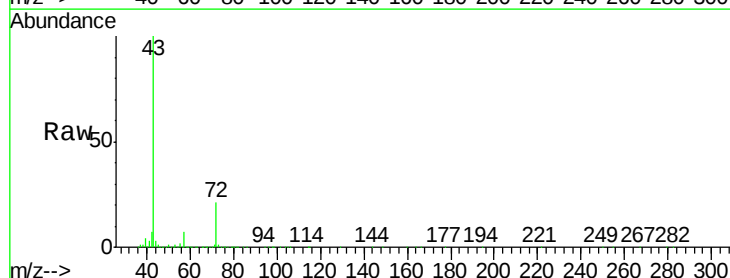
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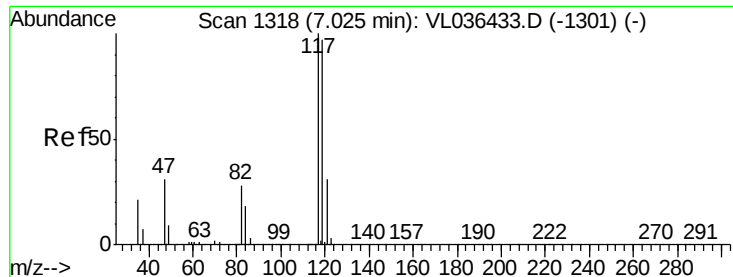
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#34
 2-Butanone
 Concen: 12.591 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL036439.D
 Acq: 3 Mar 2021 13:24

Tgt Ion: 43 Resp: 3419001
 Ion Ratio Lower Upper
 43 100
 72 21.3 16.7 25.1



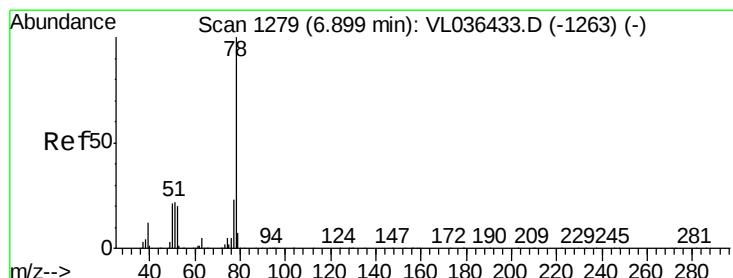
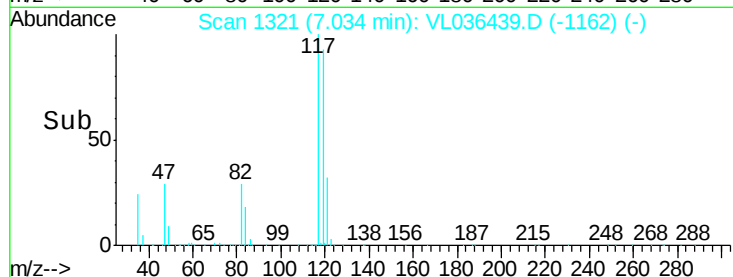
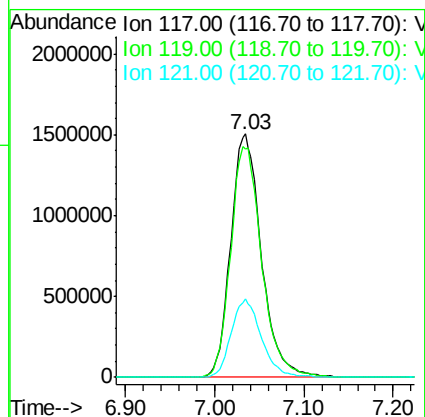
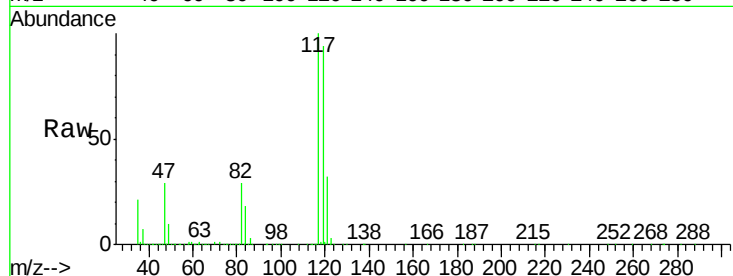


#35
Carbon Tetrachloride
Concen: 13.055 ppbv
RT: 7.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 3 Mar 2021 13:24

Tot Ion:1
Ion Rati
117 100
119 93.
121 32.

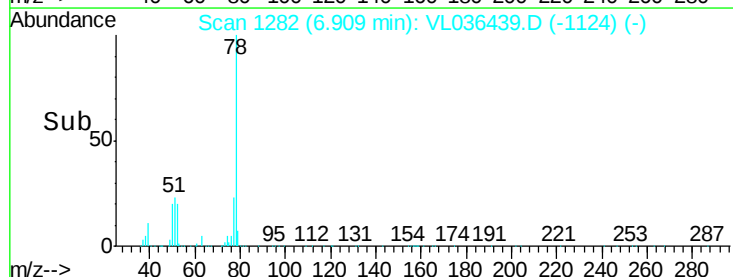
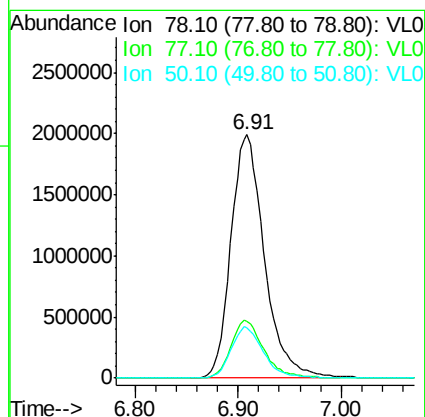
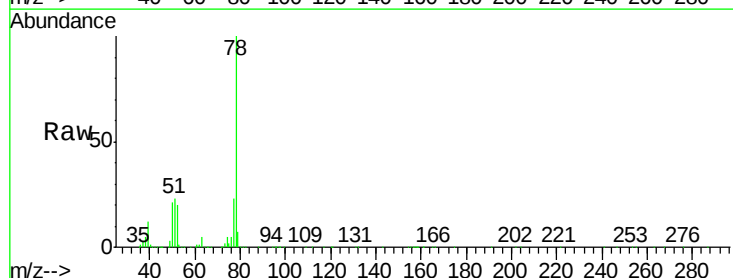
Manual Integrations
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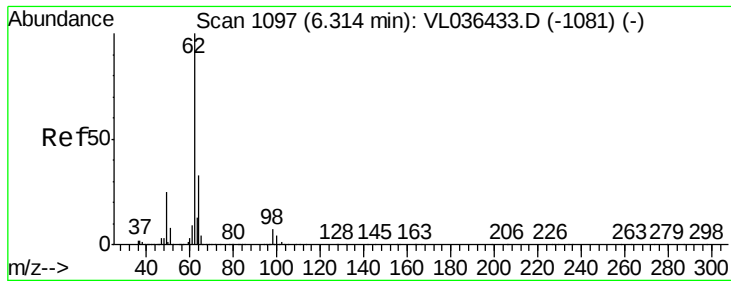
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#36
Benzene
Concen: 12.949 ppbv
RT: 6.91 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion: 78 Resp: 4495598
Ion Ratio Lower Upper
78 100
77 23.4 18.1 27.1
50 20.5 16.8 25.2



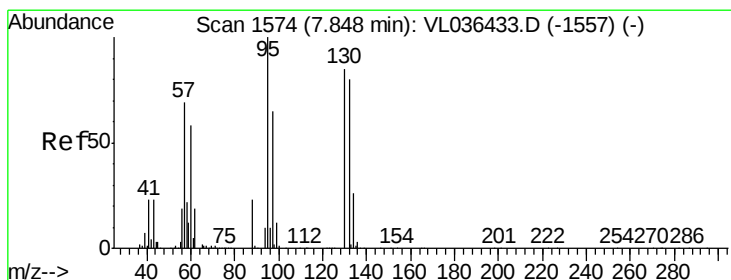
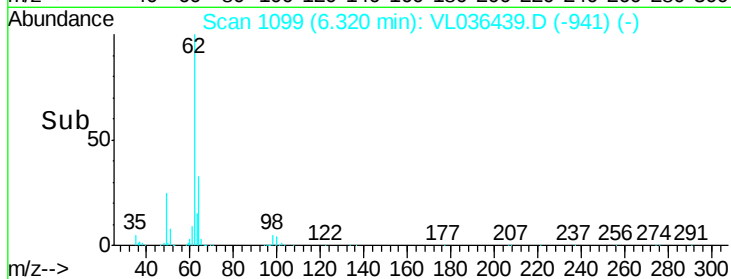
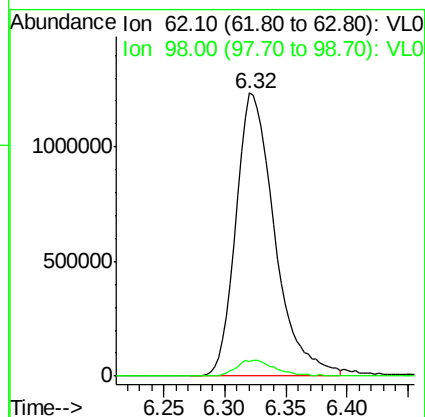
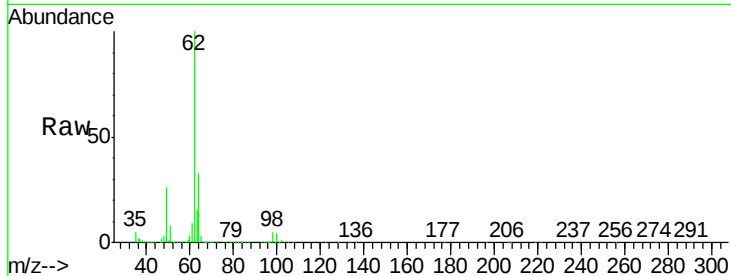


#37
 1,2-Dichloroethane
 Concen: 12.697 ppbv
 RT: 6.32
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 3 Mar 2021 13:24

Tot Ion:
 Ion Ratio
 62 100
 98 5.

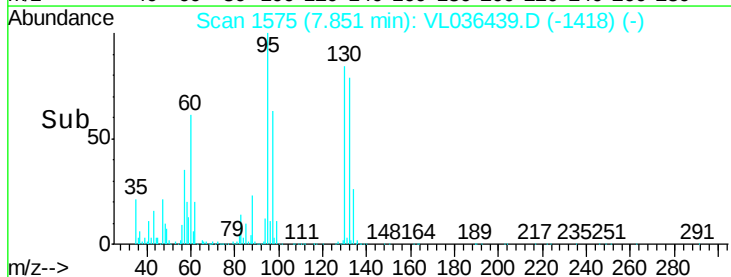
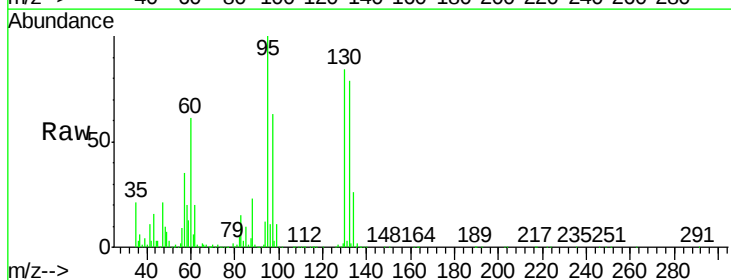
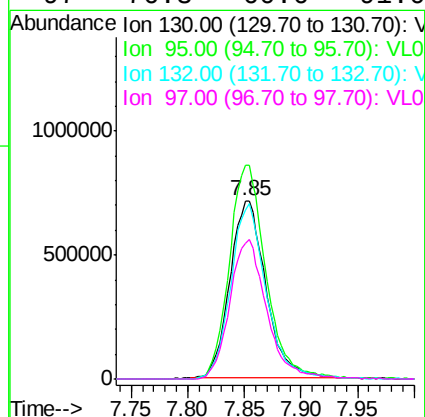
Manual Integrations
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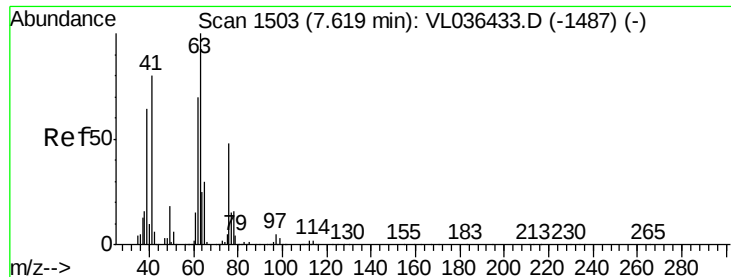
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#38
 Trichloroethene
 Concen: 12.705 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VL036439.D
 Acq: 3 Mar 2021 13:24

Tgt Ion:130 Resp: 1580233
 Ion Ratio Lower Upper
 130 100
 95 120.2 93.8 140.8
 132 95.4 74.6 112.0
 97 76.3 60.6 91.0



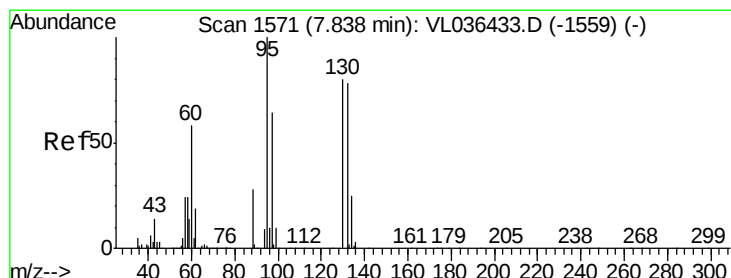
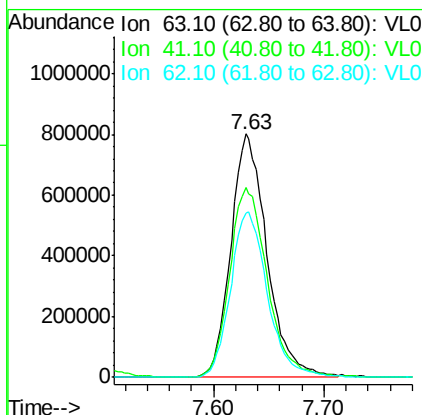
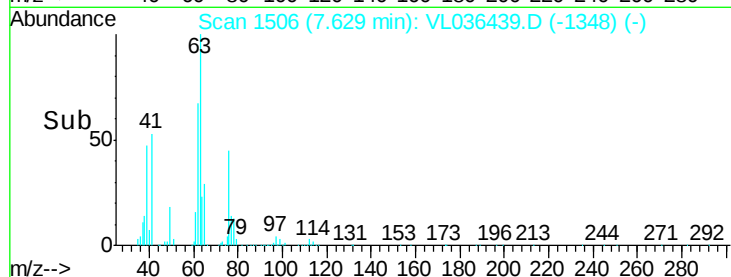
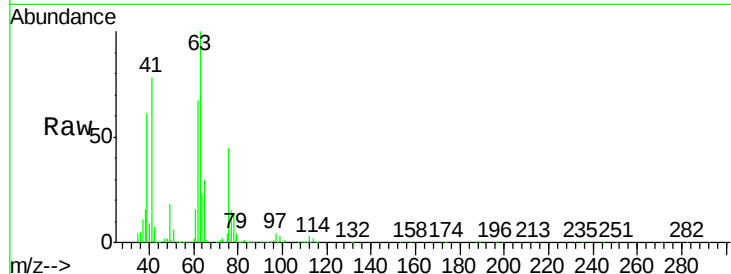


#39
 1,2-Dichloropropane
 Concen: 12.896 ppbv
 RT: 7.63
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 3 Mar 2021 13:24

Tot Ion:
 Ion Ratio
 63 100
 41 77.
 62 67.

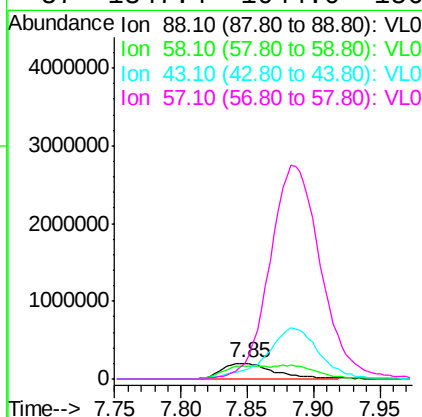
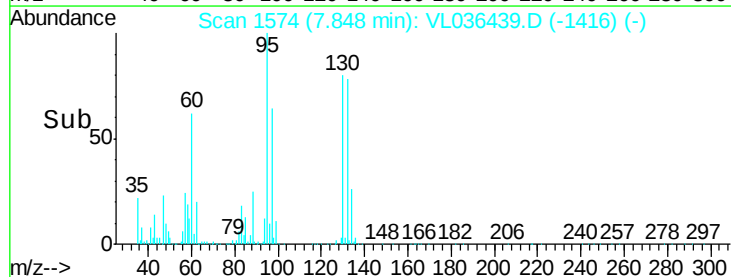
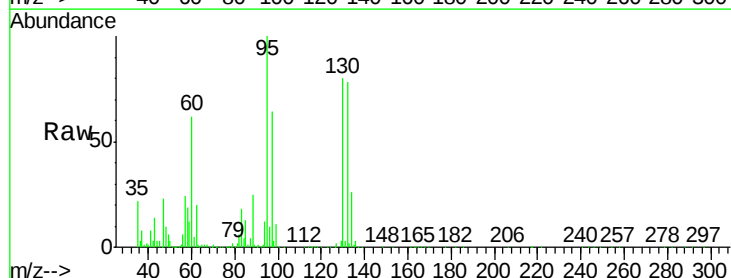
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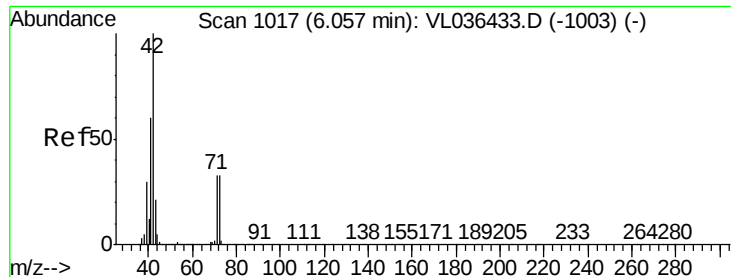
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#40
 1,4-Dioxane
 Concen: 11.306 ppbv
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VL036439.D
 Acq: 3 Mar 2021 13:24

Tgt Ion: 88 Resp: 552469
 Ion Ratio Lower Upper
 88 100
 58 146.3 119.6 179.4
 43 335.3 254.2 381.4
 57 1347.4 1044.0 1566.0



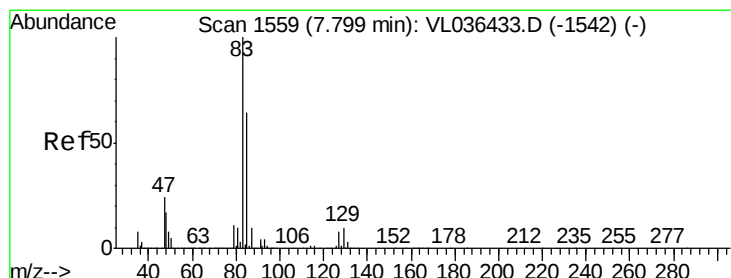
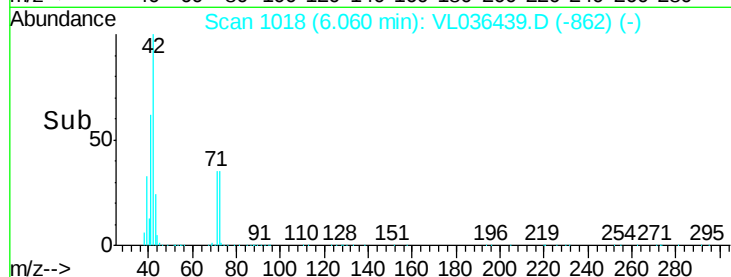
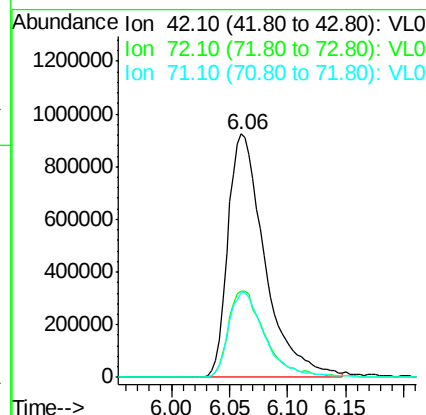
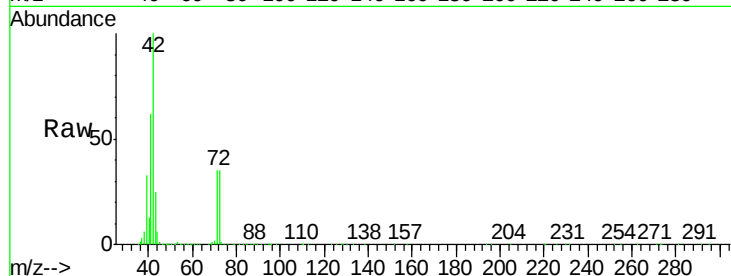


#41
Tetrahydrofuran
Concen: 13.508 ppbv
RT: 6.06
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 3 Mar 2021 13:24

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

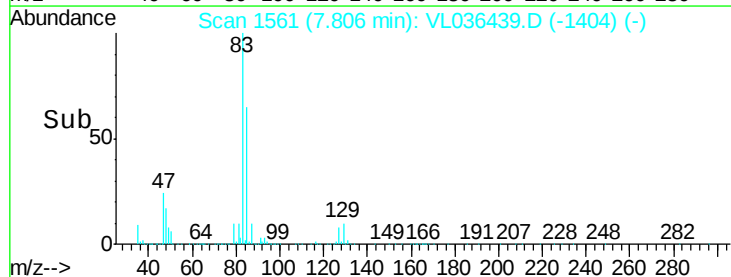
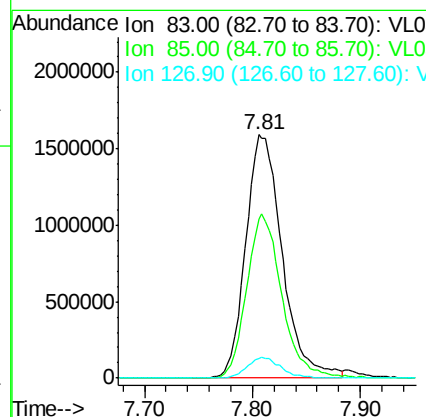
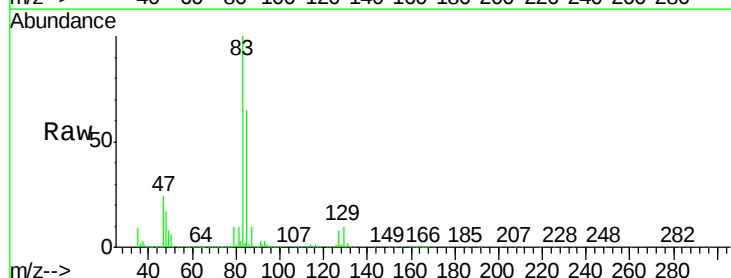
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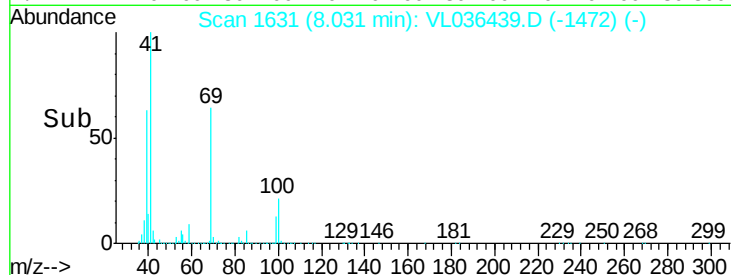
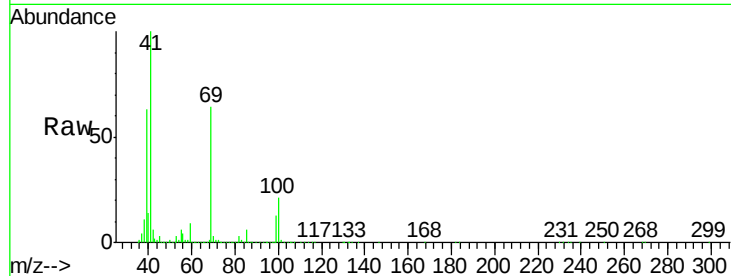
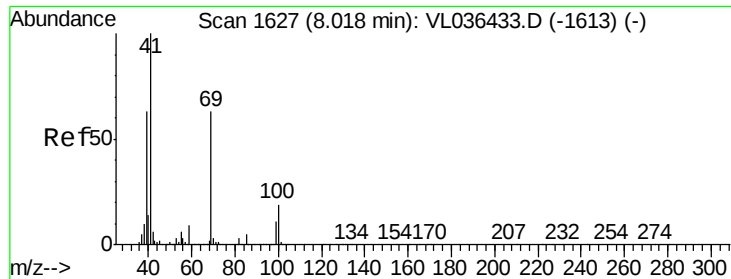
Reviewed By : Semsettin Yesilyurt 03/04/2021
Supervised By : Mahesh Dadoda 03/04/2021



#42
Bromodichloromethane
Concen: 13.037 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion: 83 Resp: 3747789
Ion Ratio Lower Upper
83 100
85 65.2 51.2 76.8
127 8.2 6.0 9.0



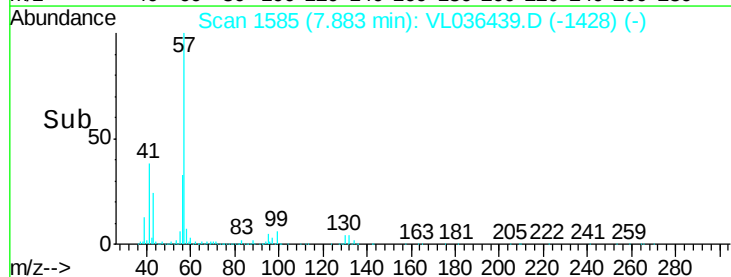
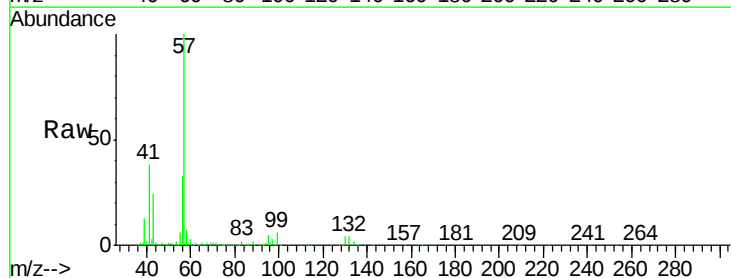
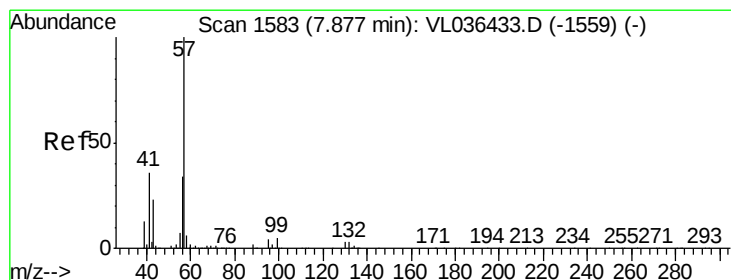
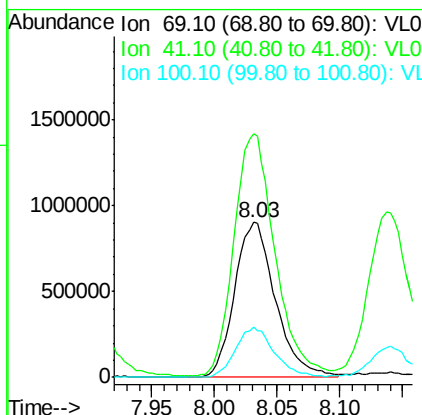


#43
Methvl Methacrvlate
Concen: 13.907 ppbv
RT: 8.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 13:24

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

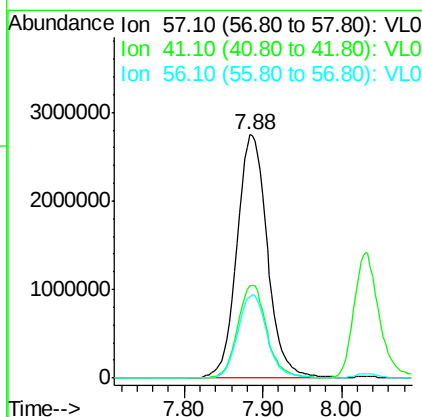
Manual Integrations
APPROVED

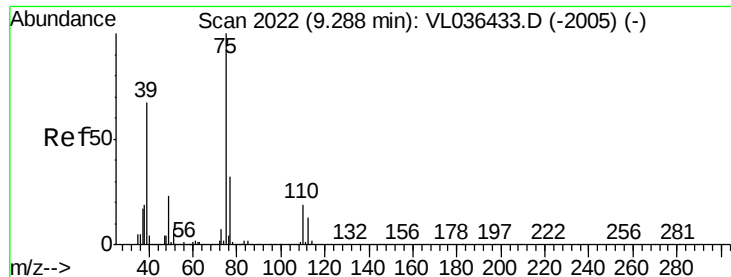
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#44
2,2,4-Trimethylpentane
Concen: 11.783 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion: 57 Resp: 7438848
Ion Ratio Lower Upper
57 100
41 36.6 28.2 42.2
56 33.0 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 15.687 ppbv

RT: 9.30 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 13:24 VSTDIC015

Tot Ion:

Ion Ratio

75 100

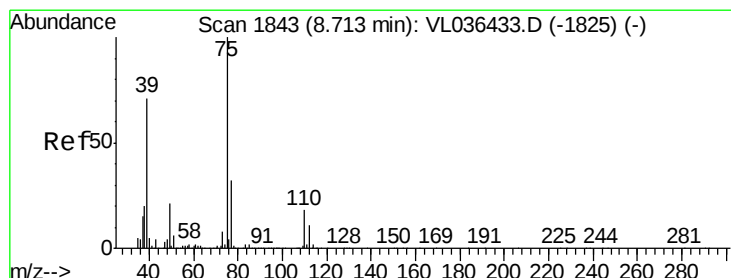
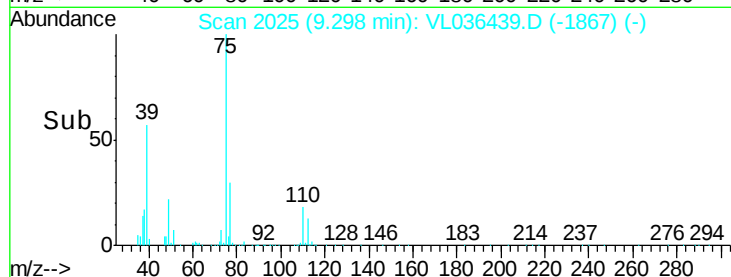
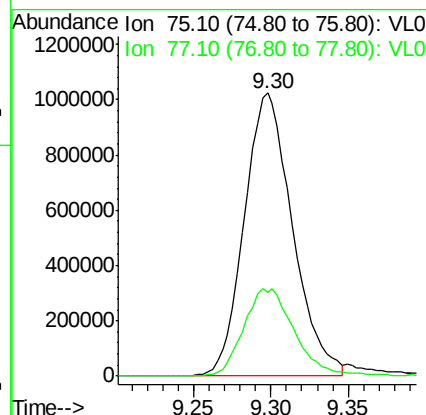
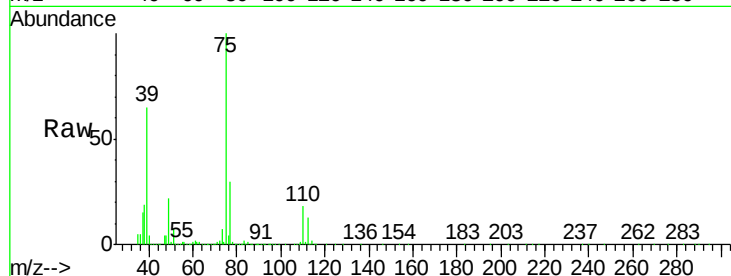
77 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#46

cis-1,3-Dichloropropene

Concen: 14.922 ppbv

RT: 8.72 min Scan# 1845

Delta R.T. 0.01 min

Lab File: VL036439.D

Acq: 3 Mar 2021 13:24

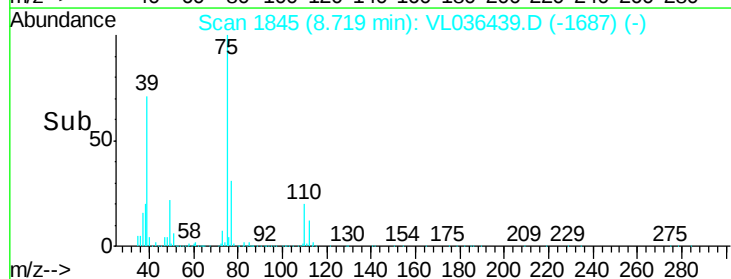
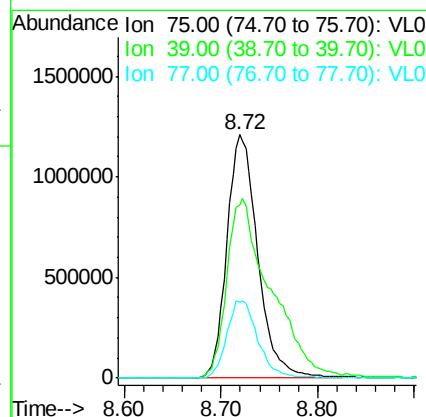
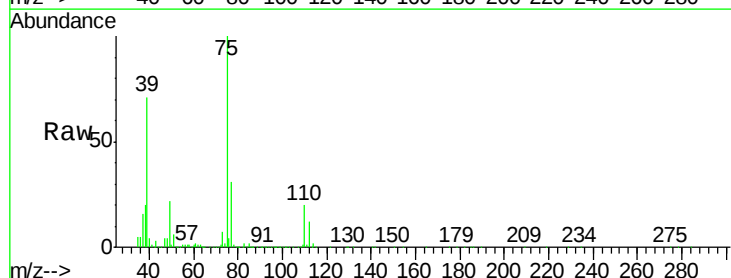
Tgt Ion: 75 Resp: 2677367

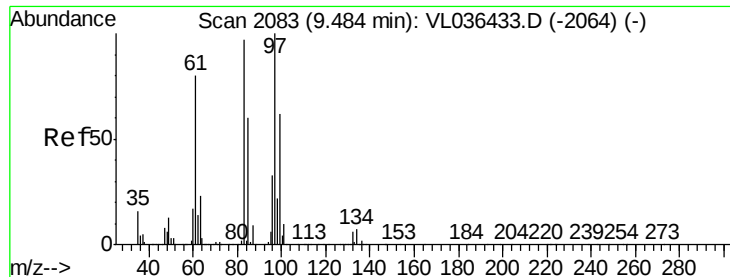
Ion Ratio Lower Upper

75 100

39 71.3 57.1 85.7

77 31.2 25.3 37.9



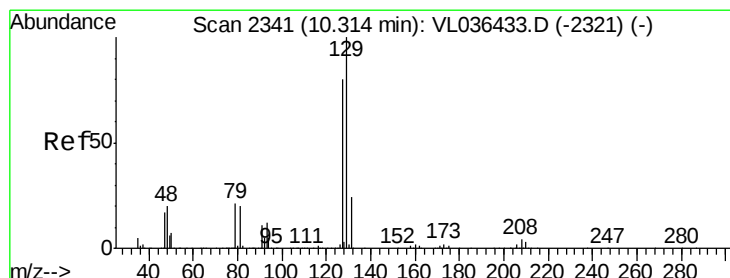
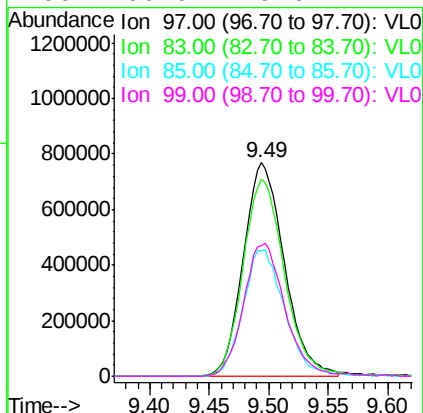
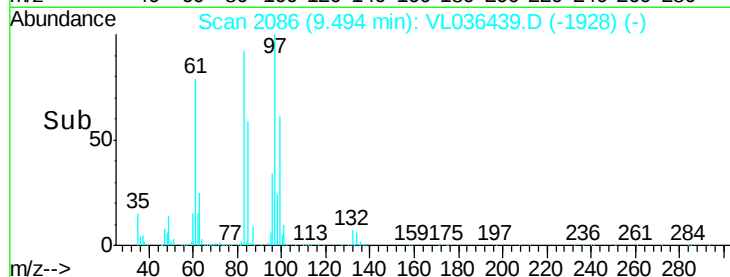
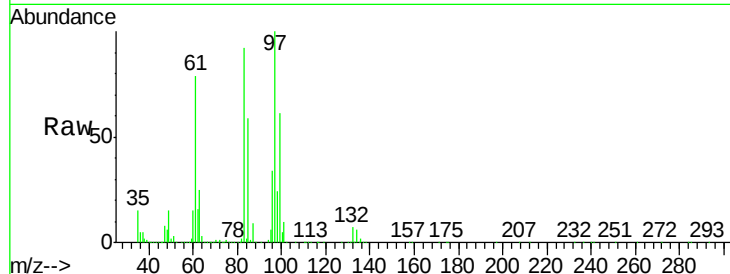


#47
 1,1,2-Trichloroethane
 Concen: 12.709 ppbv
 RT: 9.49 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 3 Mar 2021 13:24

Tot Ion:
 Ion Ratio
 97 100
 83 92.
 85 59.
 99 60.9 49.6 74.4

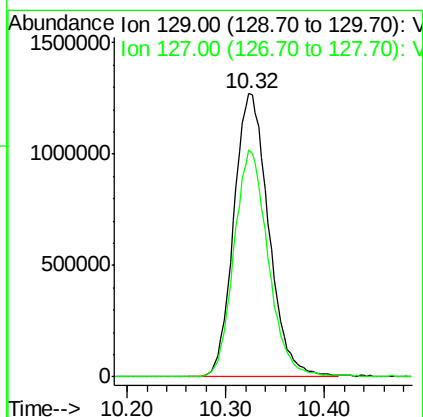
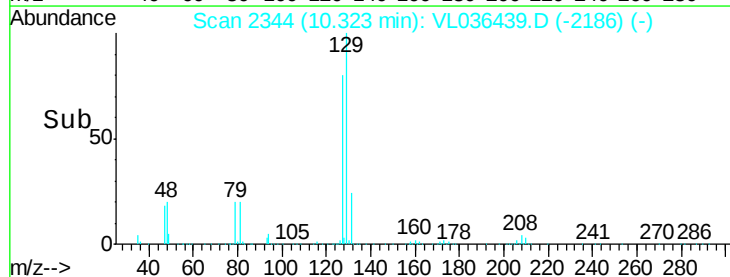
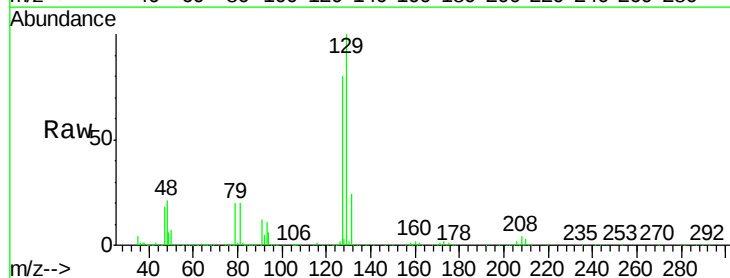
Manual Integrations
 APPROVED

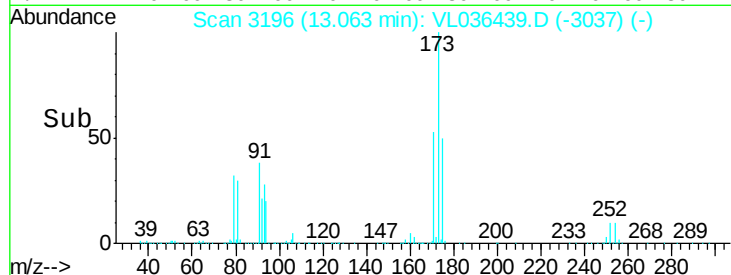
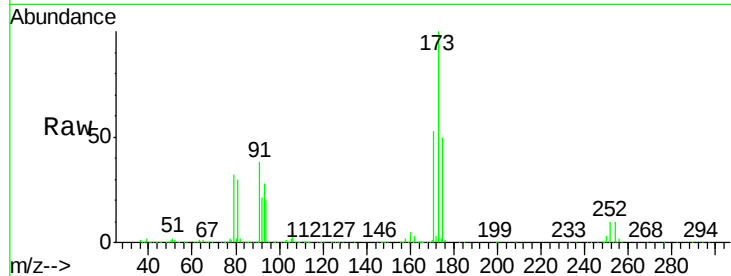
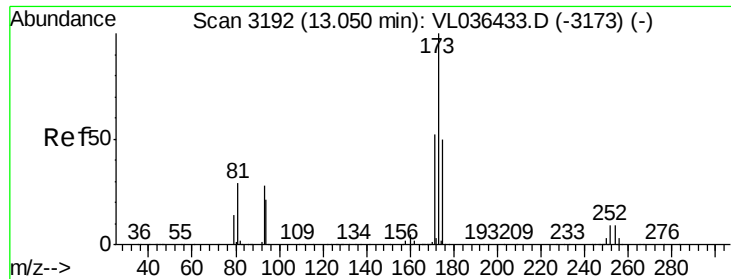
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#48
 Dibromochloromethane
 Concen: 14.496 ppbv
 RT: 10.32 min Scan# 2344
 Delta R.T.: 0.01 min
 Lab File: VL036439.D
 Acq: 3 Mar 2021 13:24

Tgt Ion:129 Resp: 3122075
 Ion Ratio Lower Upper
 129 100
 127 78.8 39.4 118.1





#49

Bromoform

Concen: 15.228 ppbv

RT: 13.06

Delta R.T.

Lab File:

Acq: 3 Mar 2021 13:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021

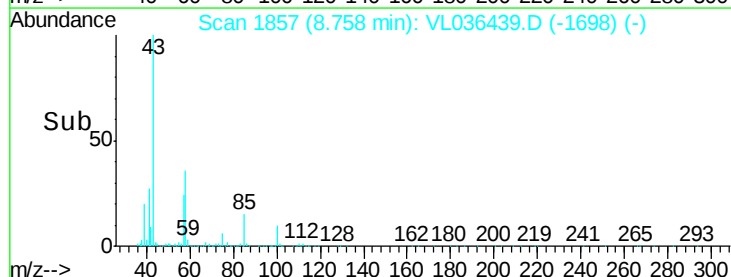
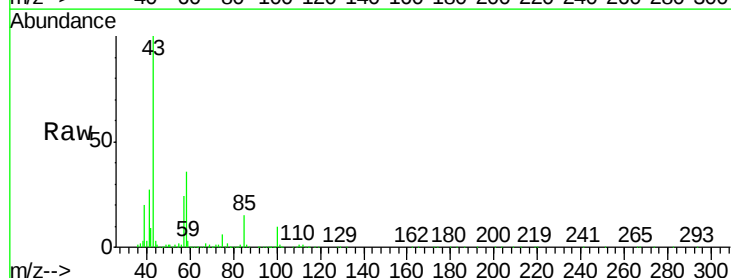
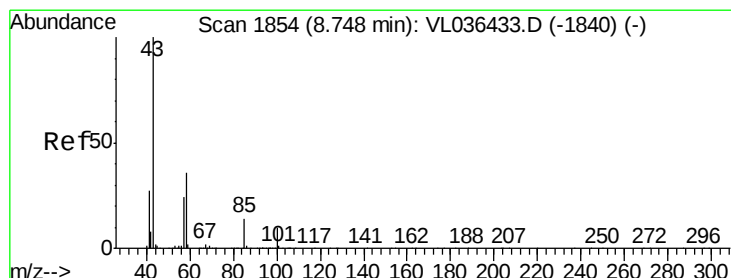
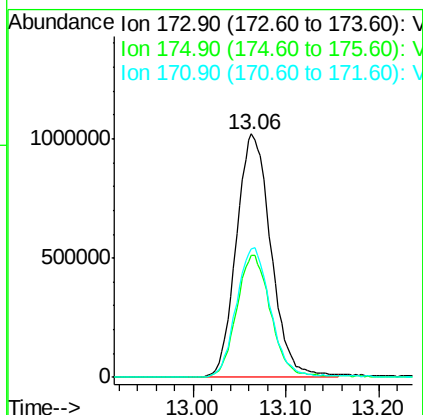
Tot Ion:1

Ion Rati

173 100

175 50.

171 53.



#50

4-Methyl-2-Pentanone

Concen: 12.883 ppbv

RT: 8.76 min Scan# 1857

Delta R.T. 0.01 min

Lab File: VL036439.D

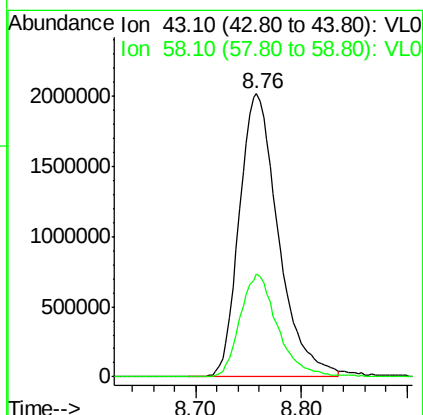
Acq: 3 Mar 2021 13:24

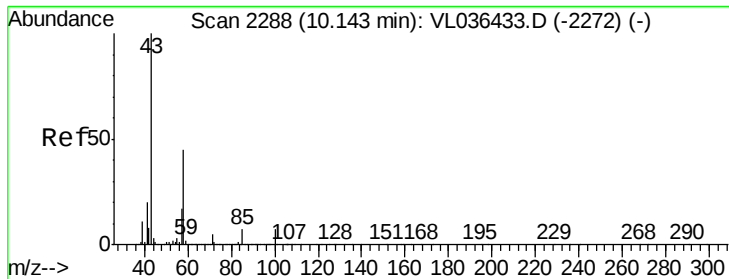
Tgt Ion: 43 Resp: 5193405

Ion Ratio Lower Upper

43 100

58 35.2 27.8 41.8



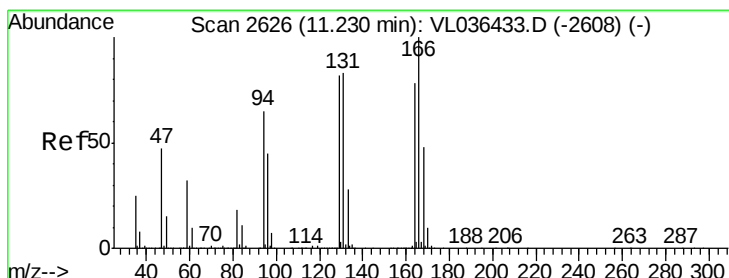
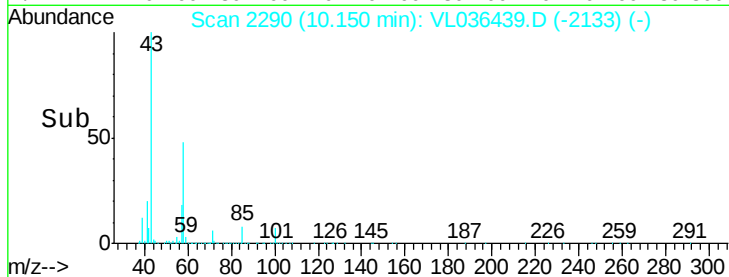
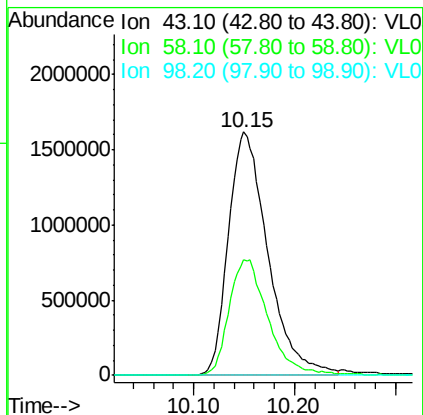
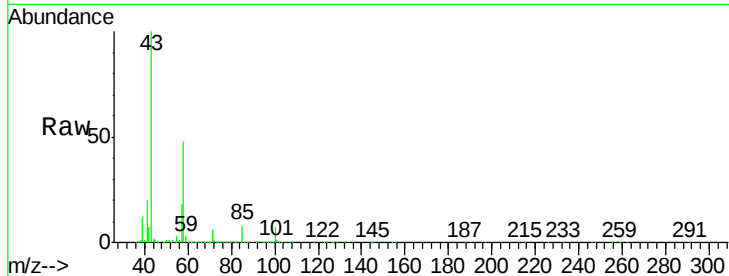


#51
2-Hexanone
Concen: 14.366 ppbv
RT: 10.15 min
Instrument: MSVOA_L
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDIC015
Acq: 3 Mar 2021 13:24

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

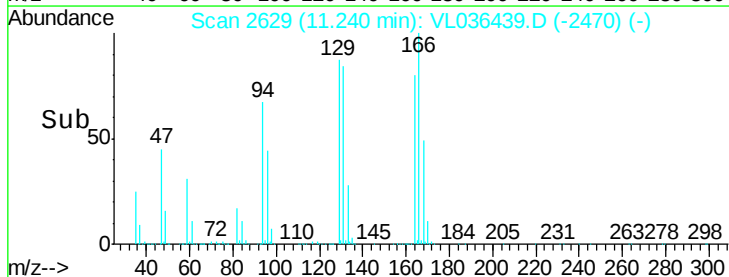
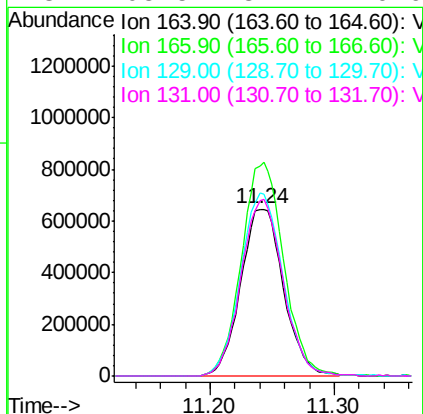
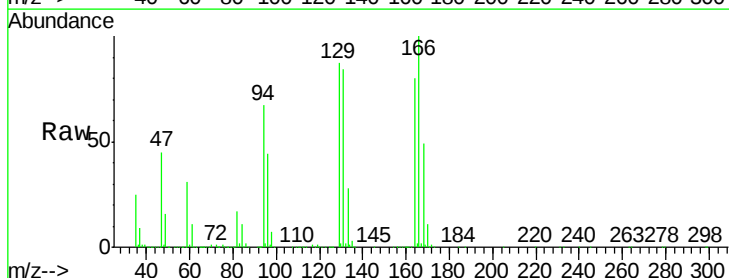
Manual Integrations
APPROVED

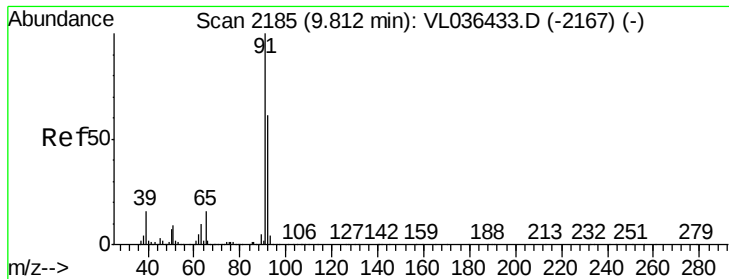
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#52
Tetrachloroethene
Concen: 12.127 ppbv m
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion:164 Resp: 1541392
Ion Ratio Lower Upper
164 100
166 125.7 102.0 153.0
129 109.5 83.3 124.9
131 105.5 84.4 126.6



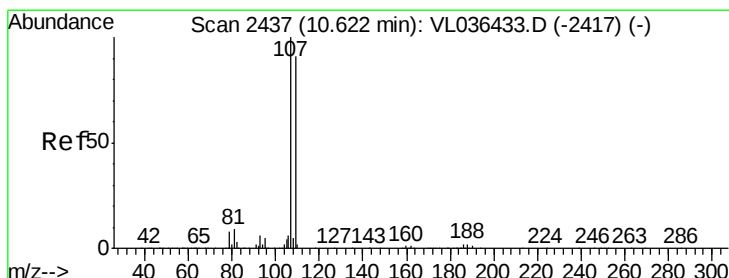
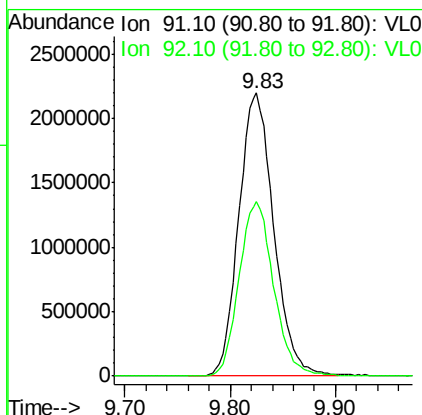
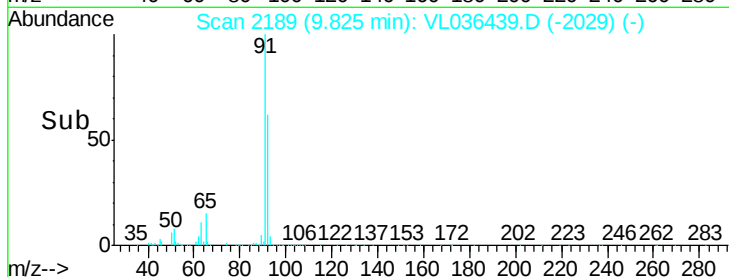
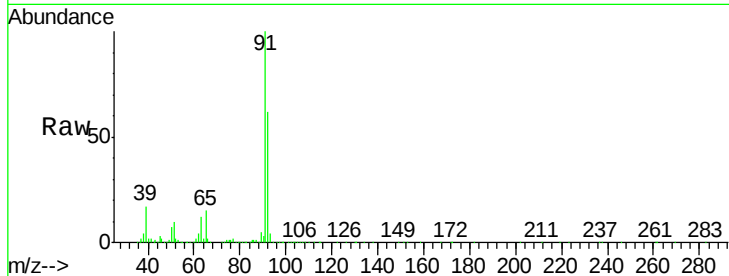


#53
Toluene
Concen: 13.466 ppbv
RT: 9.83
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 13:24

Tot Ion:
Ion Ratio
91 100
92 61.

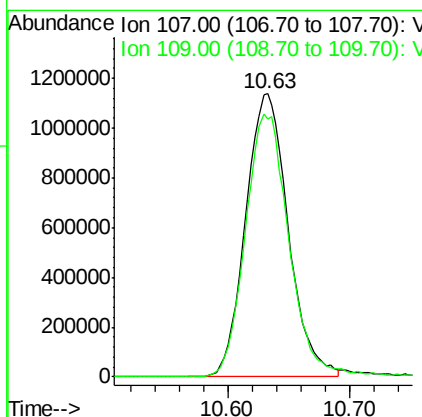
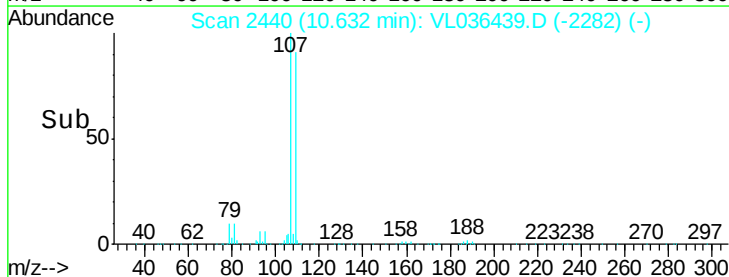
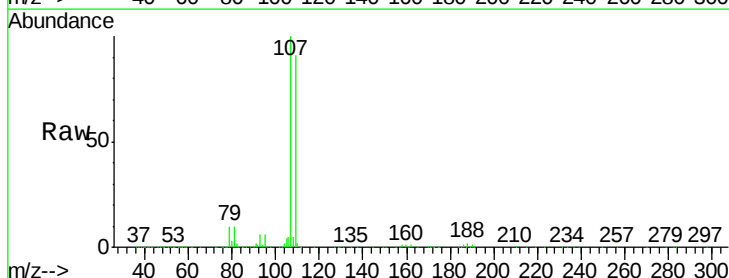
Manual Integrations
APPROVED

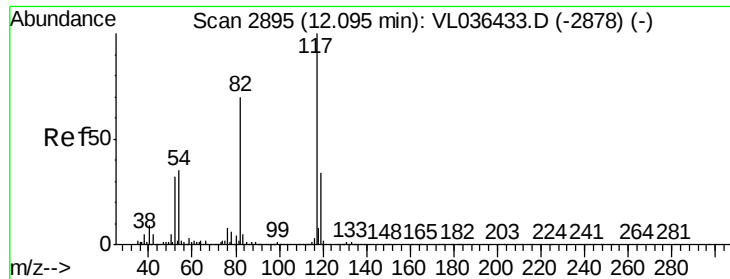
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#54
1,2-Dibromoethane
Concen: 13.136 ppbv
RT: 10.63 min Scan# 2440
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion:107 Resp: 2739803
Ion Ratio Lower Upper
107 100
109 91.3 73.0 109.6



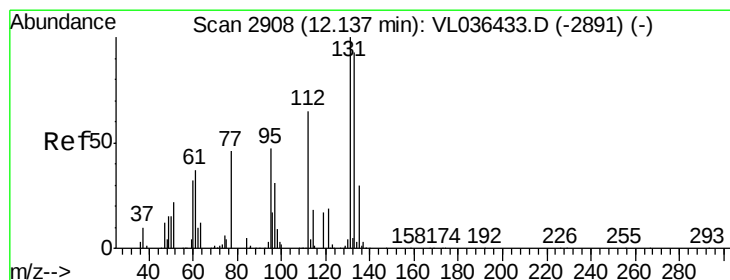
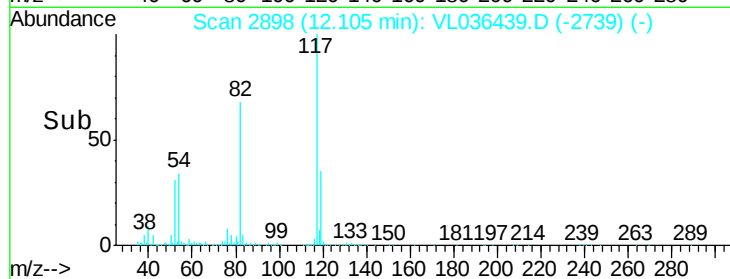
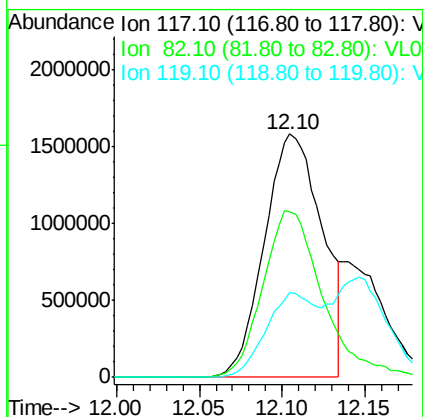
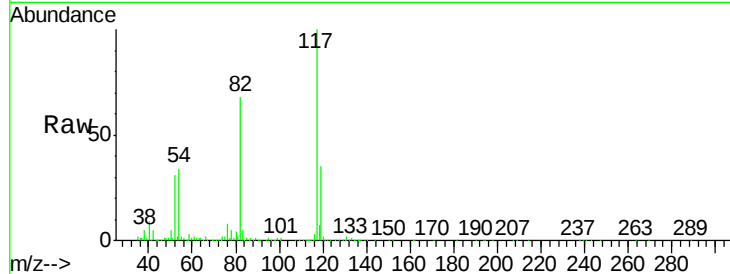


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2021 13:24

Tot Ion:1
Ion Rati
117 100
82 72.
119 26.

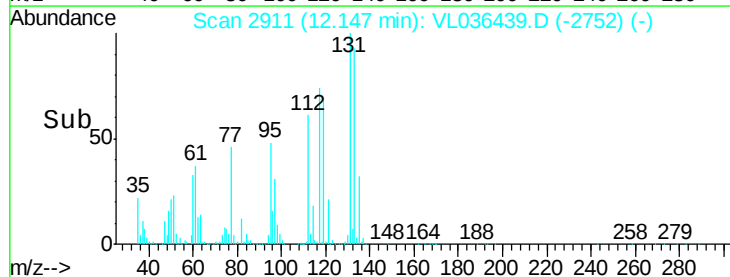
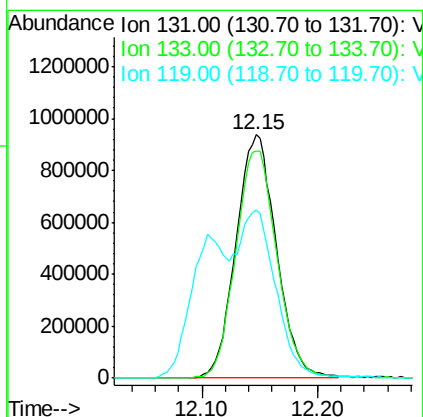
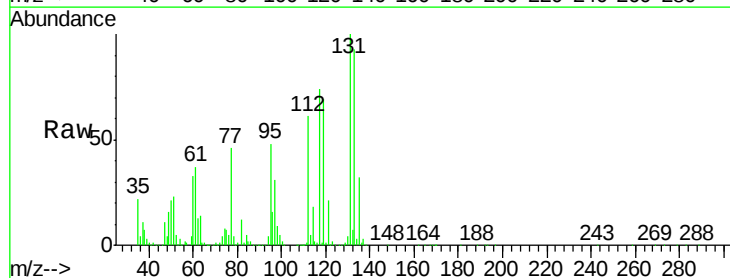
Manual Integrations
APPROVED

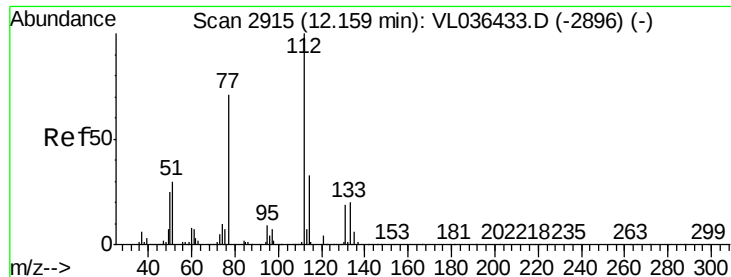
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 12.887 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion:131 Resp: 2265837
Ion Ratio Lower Upper
131 100
133 96.3 76.4 114.6
119 74.6 112.8 169.2#





#57

Chlorobenzene

Concen: 12.530 ppbv

RT: 12.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 13:24

Tot Ion:1

Ion Rati

112 100

77 71.

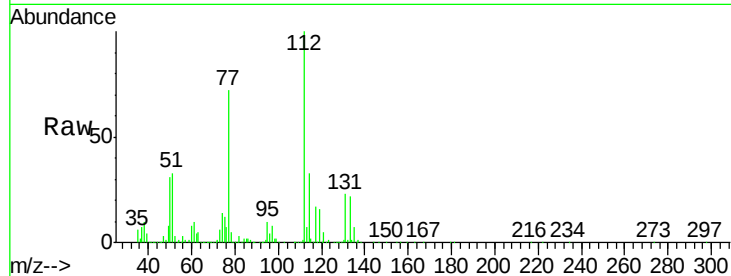
114 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

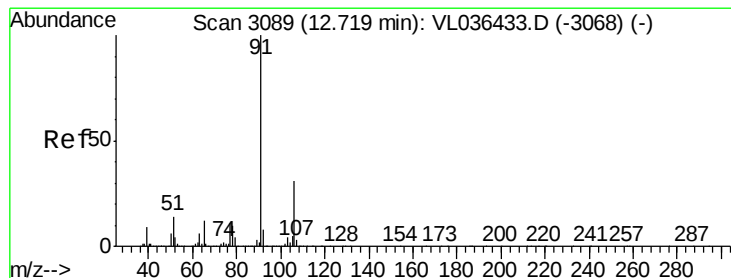
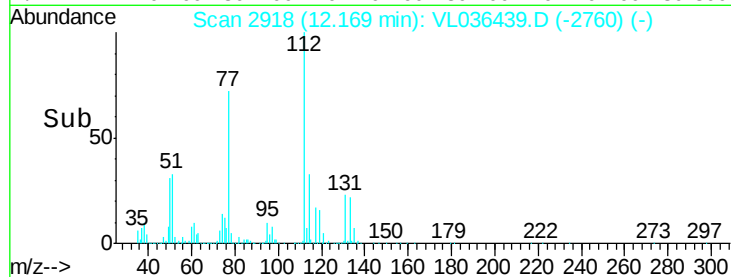
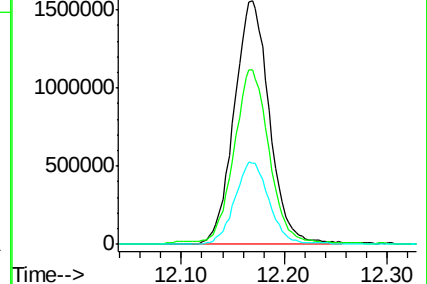
Supervised By :Mahesh Dadoda 03/04/2021



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 12.957 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. 0.01 min

Lab File: VL036439.D

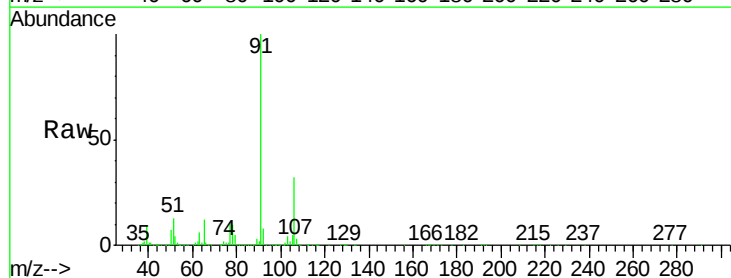
Acq: 3 Mar 2021 13:24

Tgt Ion: 91 Resp: 6782540

Ion Ratio Lower Upper

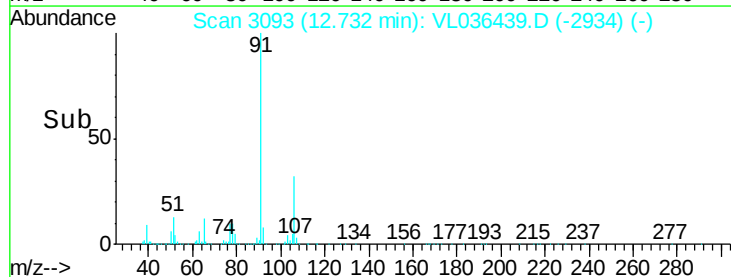
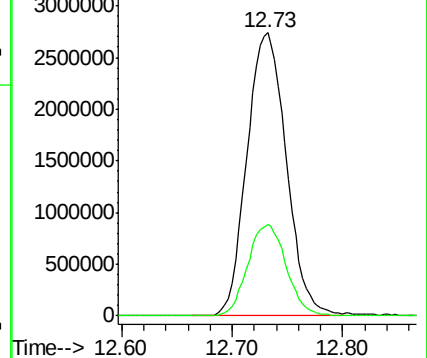
91 100

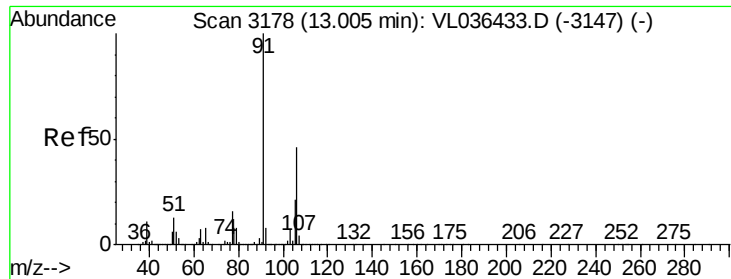
106 32.4 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 24.695 ppbv m

RT: 13.01

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 3 Mar 2021 13:24

Tot Ion:

Ion Ratio

91 100

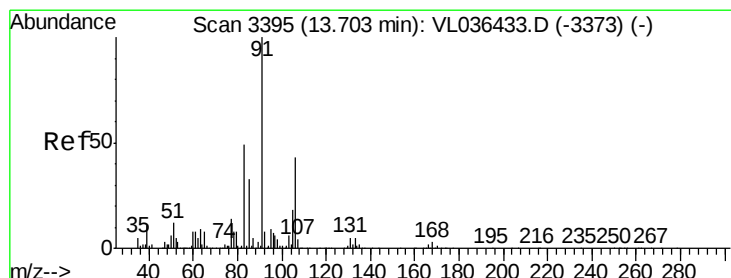
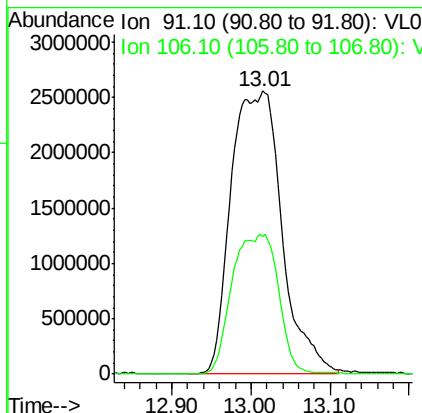
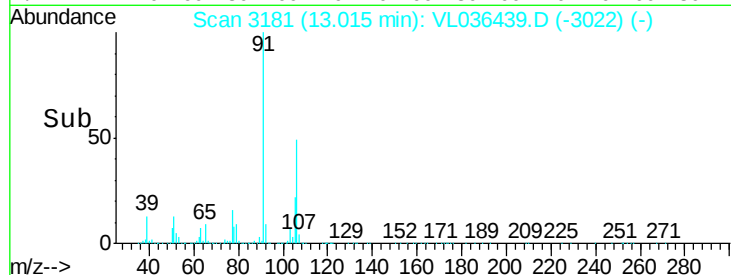
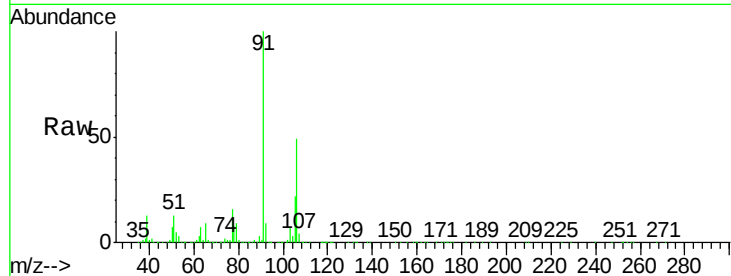
106 45.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#60

o-Xylene

Concen: 12.367 ppbv

RT: 13.72 min Scan# 3399

Delta R.T. 0.01 min

Lab File: VL036439.D

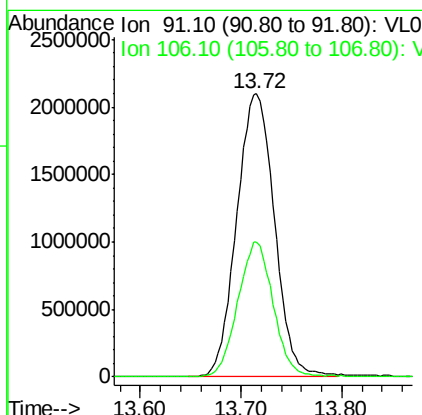
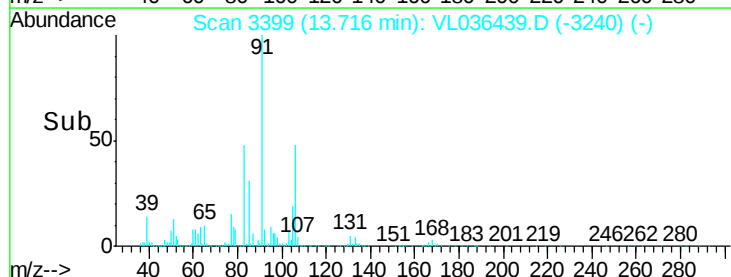
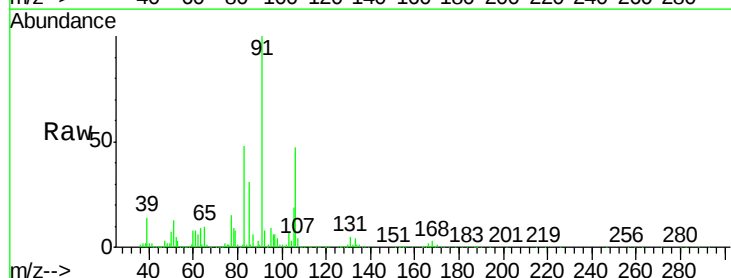
Acq: 3 Mar 2021 13:24

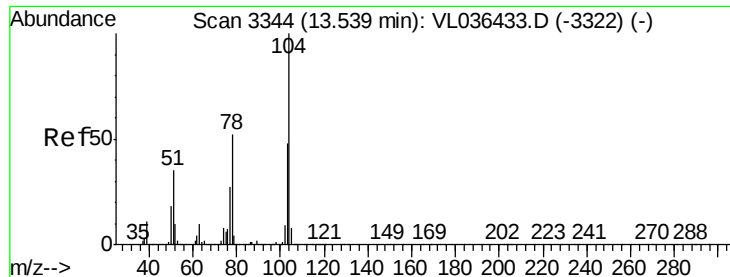
Tgt Ion: 91 Resp: 5436472

Ion Ratio Lower Upper

91 100

106 45.2 21.9 65.8



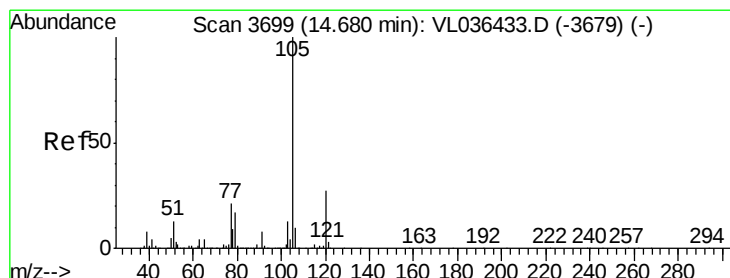
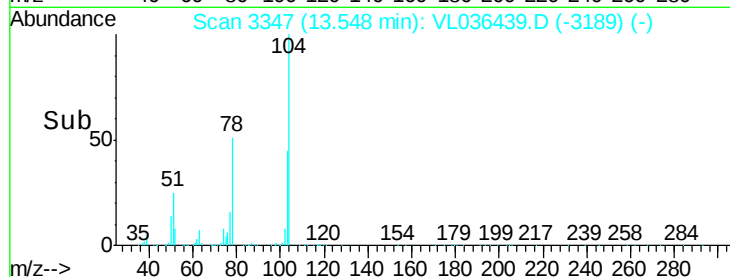
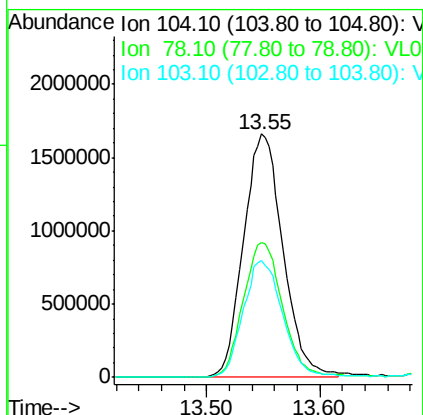
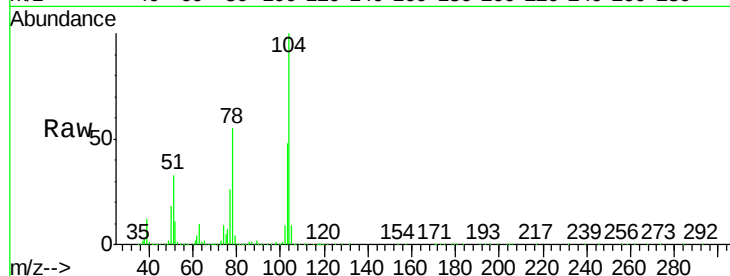


#61
Stvrene
Concen: 14.773 ppbv
RT: 13.55
Delta R.T. MSVOA_L
Lab File: ClientSampled :
VSTDIC015
Acq: 3 Mar 2021 13:24

Tot Ion:1
Ion Rati
104 100
78 55.
103 48.

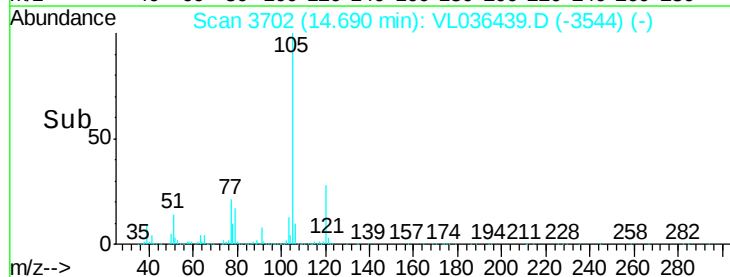
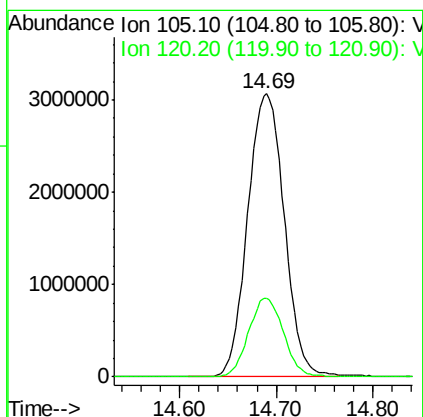
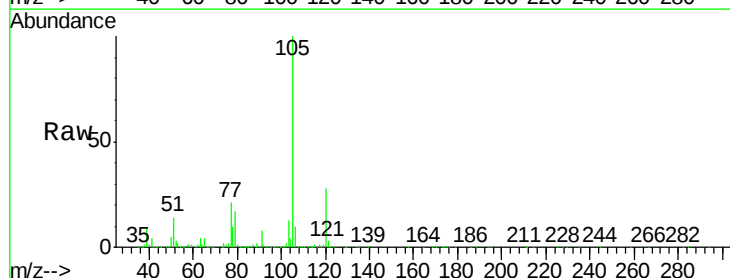
Manual Integrations
APPROVED

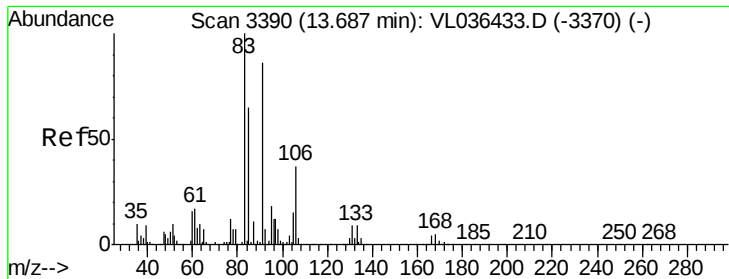
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#62
Isopropylbenzene
Concen: 12.219 ppbv
RT: 14.69 min Scan# 3702
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion:105 Resp: 8051889
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3





#63

1,1,2,2-Tetrachloroethane

Concen: 11.210 ppbv

RT: 13.70

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 13:24

Tot Ion:

Ion Ratio

83 100

131 9.

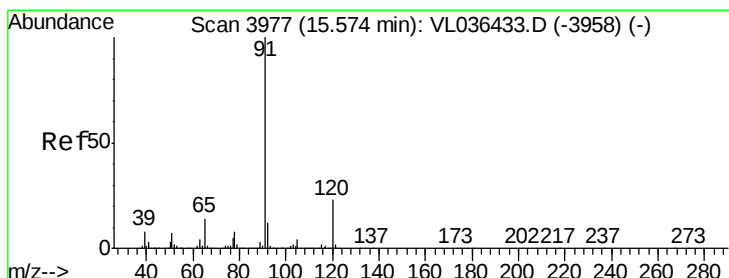
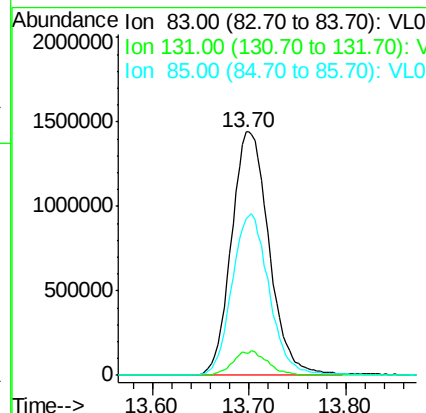
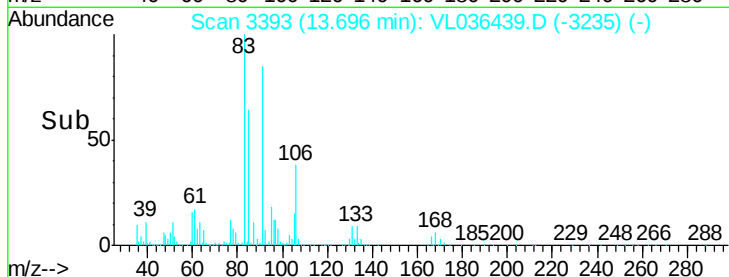
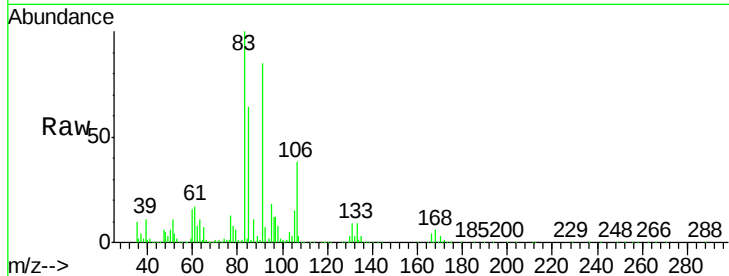
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#64

n-propylbenzene

Concen: 13.541 ppbv

RT: 15.58 min Scan# 3980

Delta R.T. 0.01 min

Lab File: VL036439.D

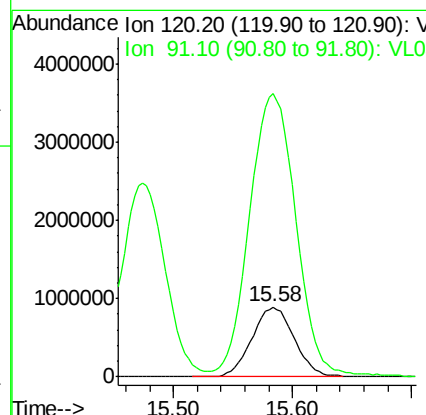
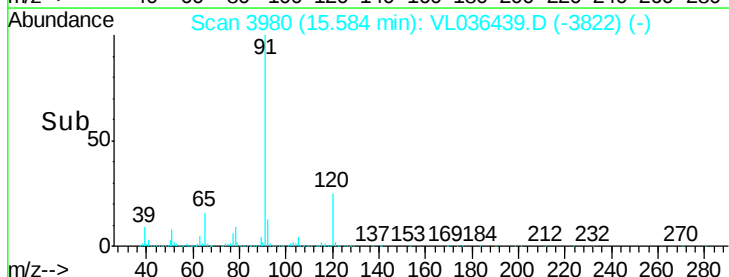
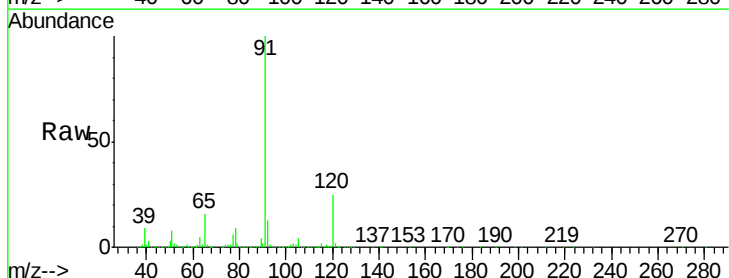
Acq: 3 Mar 2021 13:24

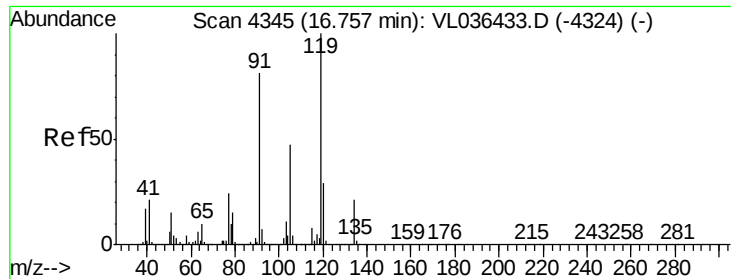
Tgt Ion:120 Resp: 2195993

Ion Ratio Lower Upper

120 100

91 445.4 378.6 567.8



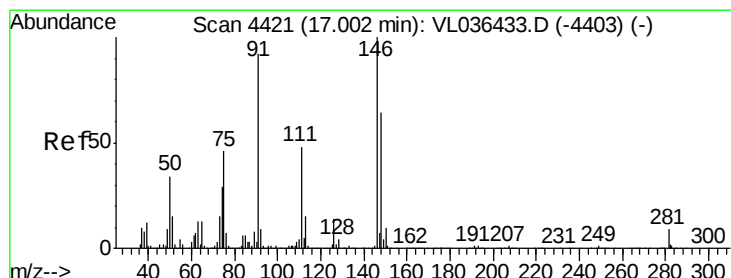
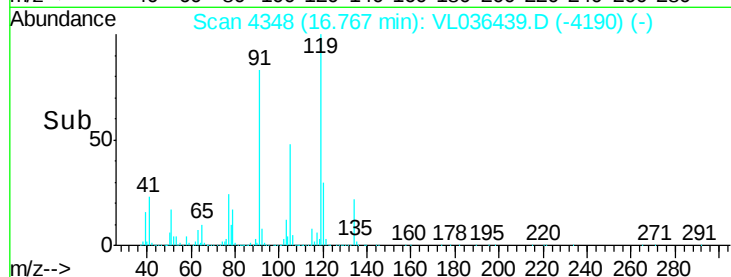
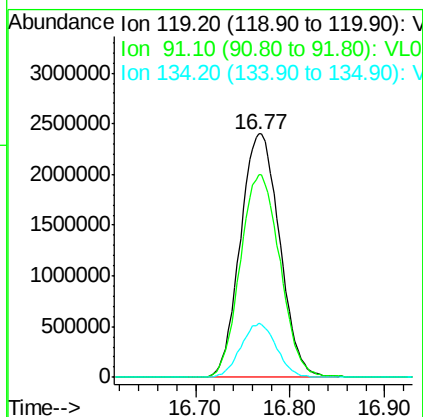
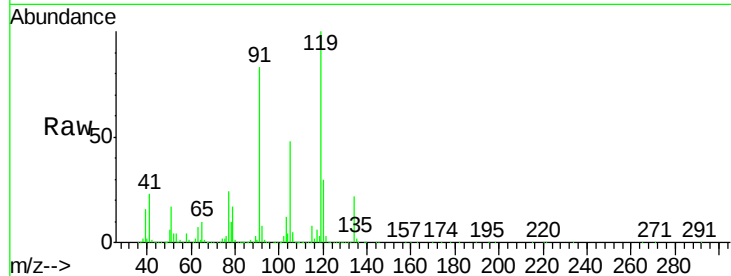


#65
tert-Butylbenzene
Concen: 12.284 ppbv
RT: 16.77 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 13:24

Tot Ion: 1
Ion Ratio
119 100
91 84.
134 20.

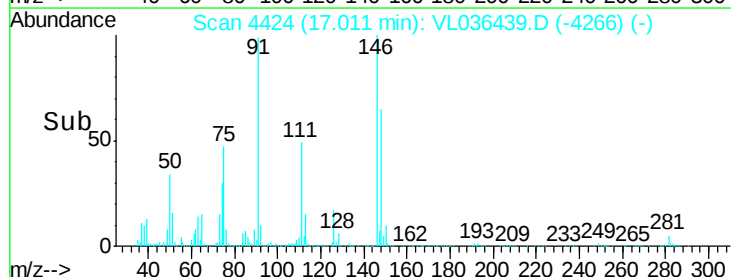
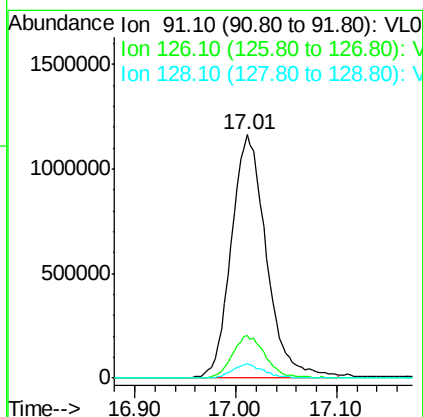
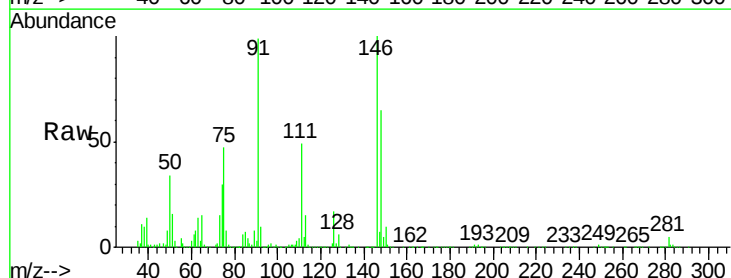
Manual Integrations
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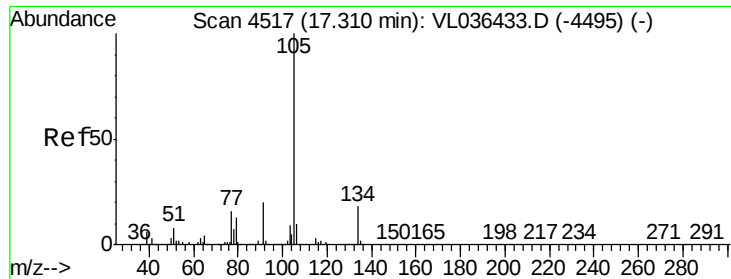
Reviewed By : Semsettin Yesilyurt 03/04/2021
Supervised By : Mahesh Dadoda 03/04/2021



#66
Benzyl Chloride
Concen: 18.235 ppbv
RT: 17.01 min Scan# 4424
Delta R.T.: 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion: 91 Resp: 2795002
Ion Ratio Lower Upper
91 100
126 16.9 12.9 19.3
128 5.5 4.0 6.0





#67

sec-Butylbenzene

Concen: 11.828 ppbv

RT: 17.32

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 13:24

Tot Ion:1

Ion Ratio

105 100

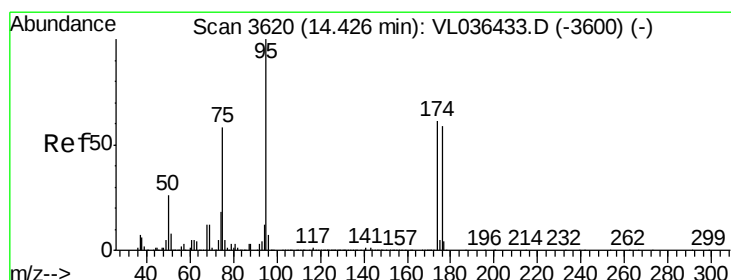
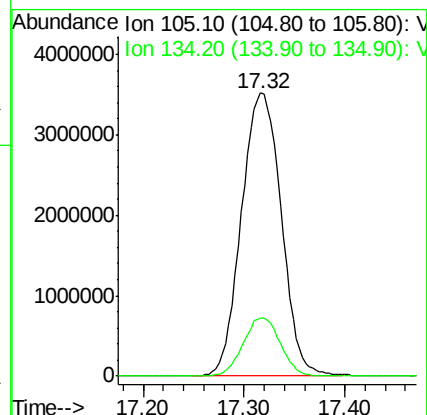
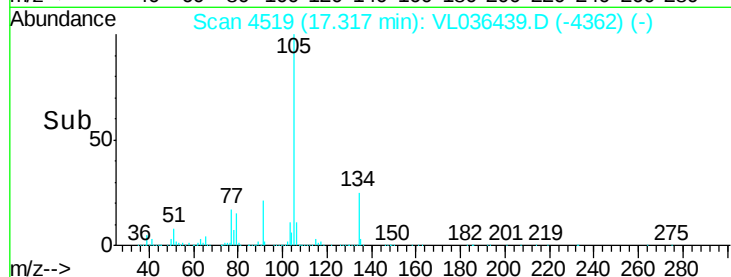
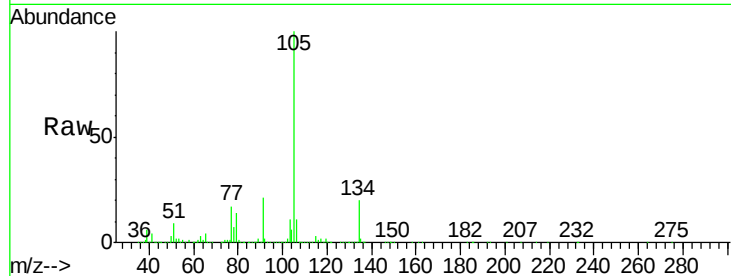
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.386 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. 0.01 min

Lab File: VL036439.D

Acq: 3 Mar 2021 13:24

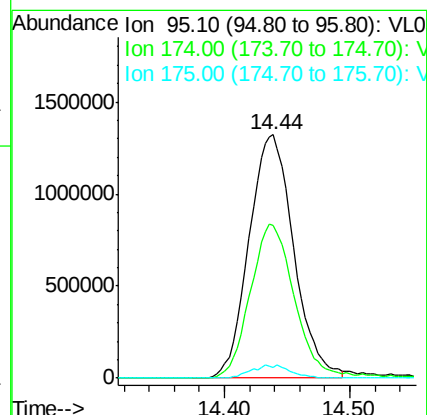
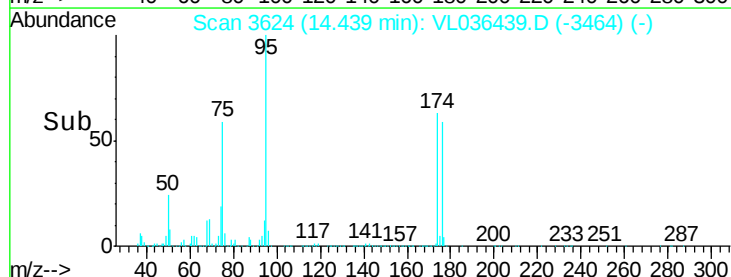
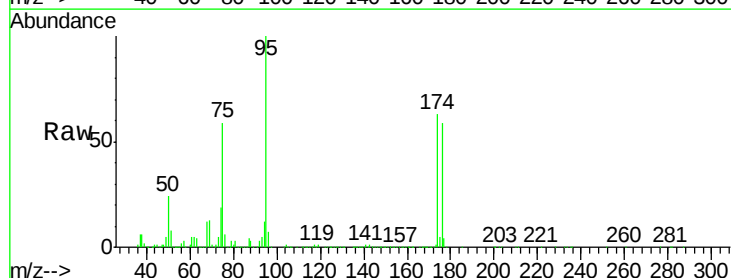
Tgt Ion: 95 Resp: 3266661

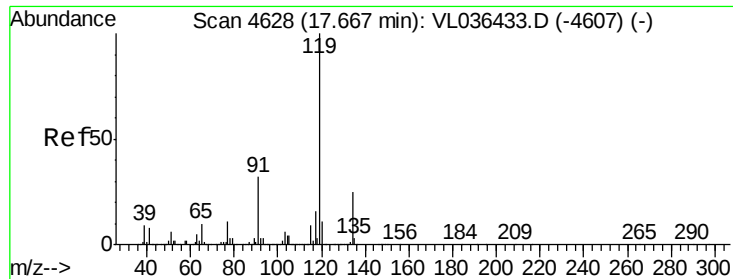
Ion Ratio Lower Upper

95 100

174 64.1 51.0 76.4

175 4.9 3.8 5.6



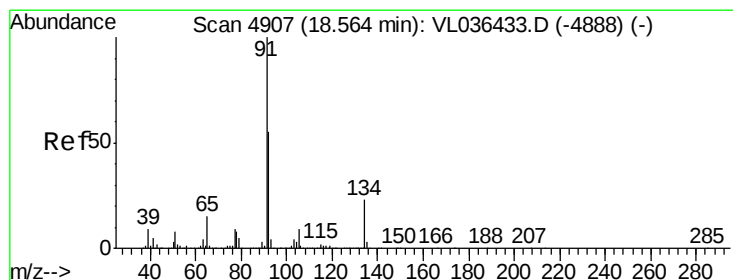
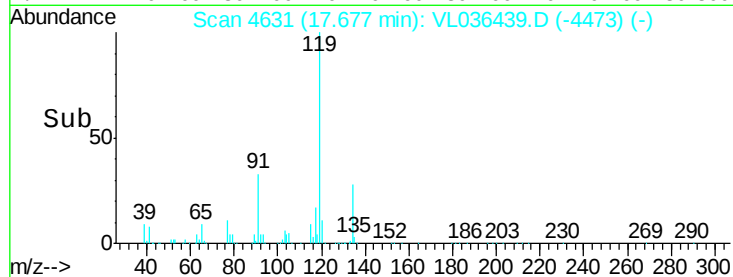
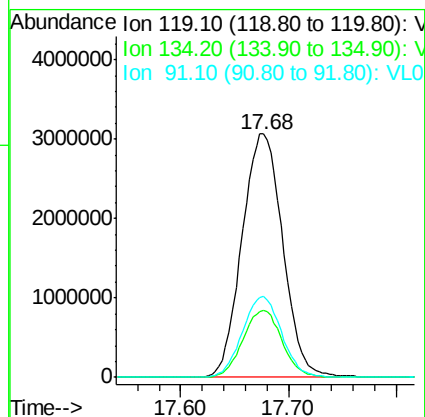
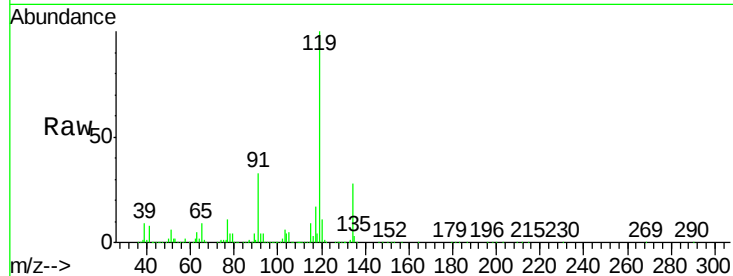


#69
 p-Isopropyltoluene
 Concen: 12.808 ppbv
 RT: 17.68 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 3 Mar 2021 13:24

Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 32.

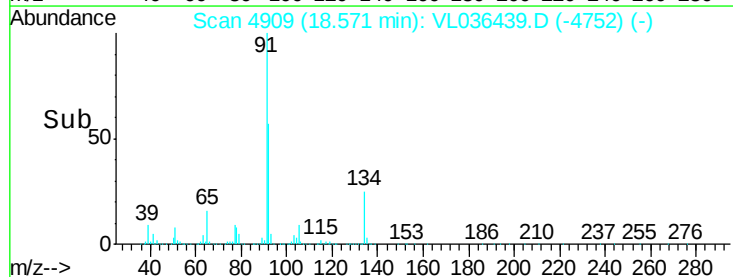
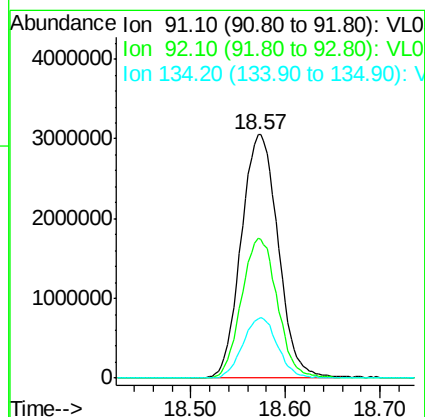
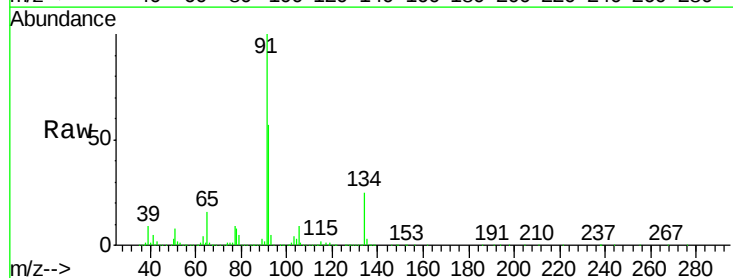
Manual Integrations
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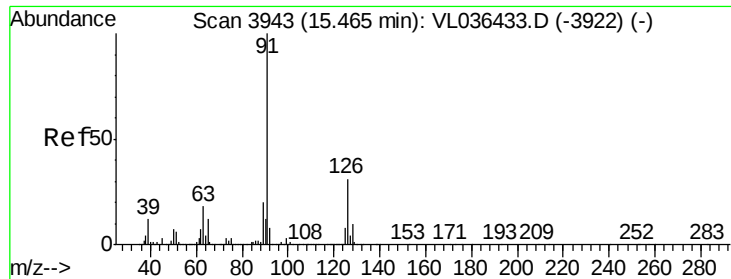
Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021



#70
 n-Butylbenzene
 Concen: 12.293 ppbv
 RT: 18.57 min Scan# 4909
 Delta R.T.: 0.01 min
 Lab File: VL036439.D
 Acq: 3 Mar 2021 13:24

Tgt Ion: 91 Resp: 8283520
 Ion Ratio Lower Upper
 91 100
 92 56.0 44.1 66.1
 134 23.5 17.9 26.9



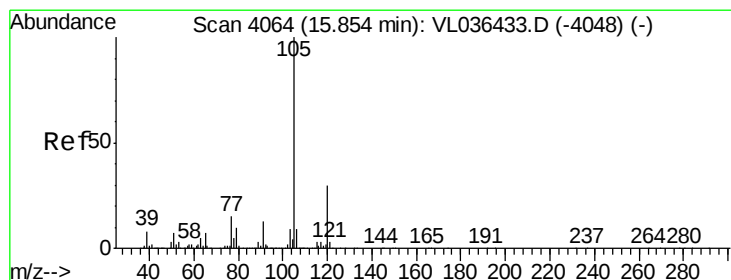
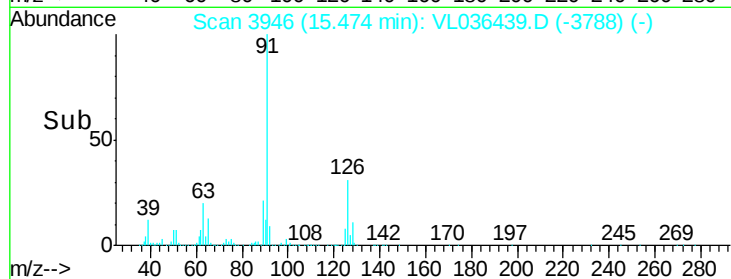
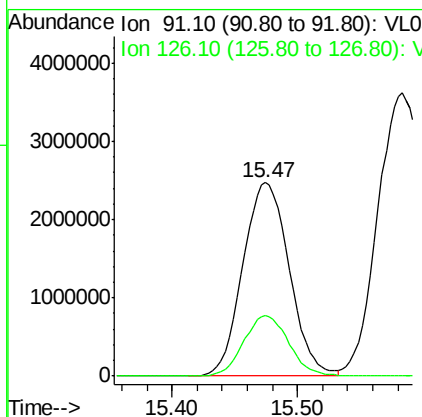
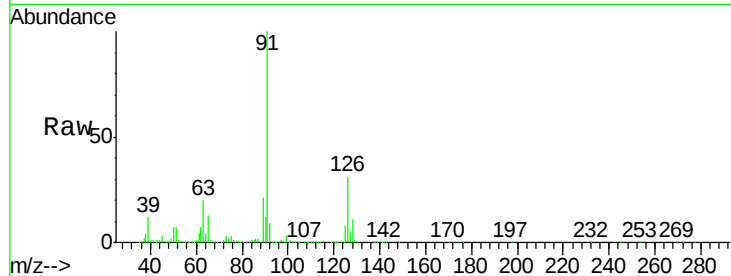


#71
 2-Chlorotoluene
 Concen: 12.619 ppbv
 RT: 15.47
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 3 Mar 2021 13:24

Tot Ion:
 Ion Ratio
 91 100
 126 30.

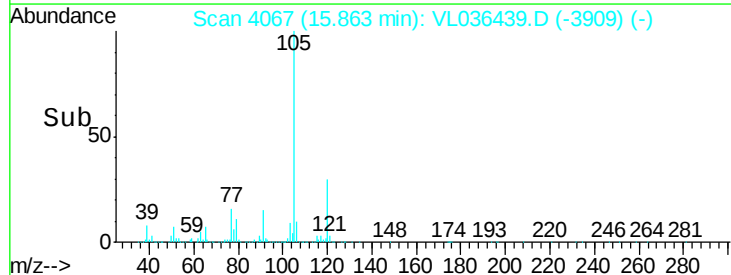
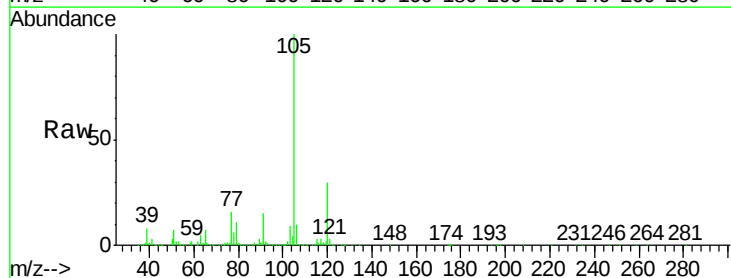
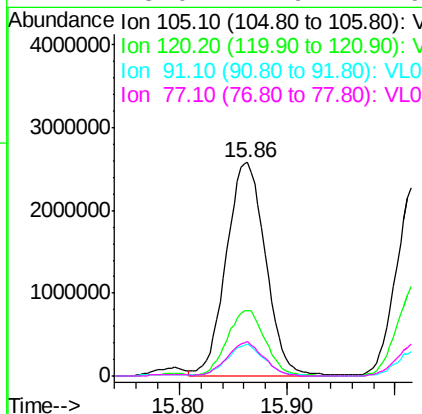
Manual Integrations
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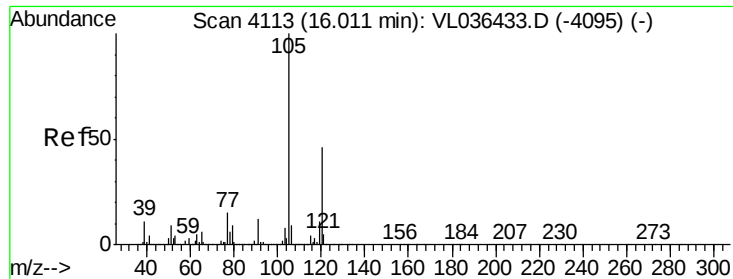
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#72
 4-Ethyltoluene
 Concen: 13.330 ppbv
 RT: 15.86 min Scan# 4067
 Delta R.T. 0.01 min
 Lab File: VL036439.D
 Acq: 3 Mar 2021 13:24

Tgt Ion:105 Resp: 6521317
 Ion Ratio Lower Upper
 105 100
 120 30.0 23.8 35.6
 91 13.8 10.9 16.3
 77 15.0 11.9 17.9



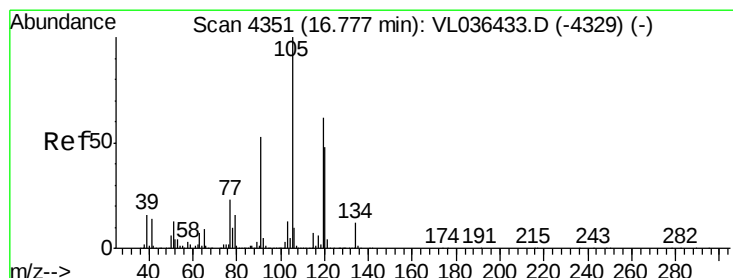
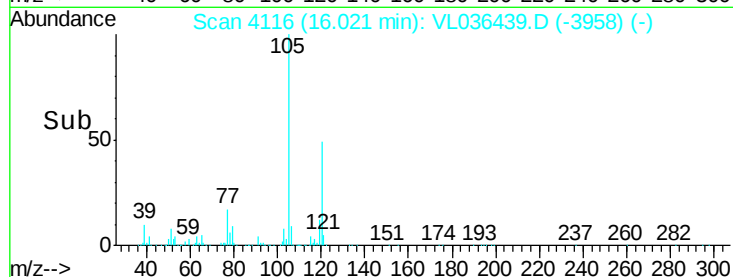
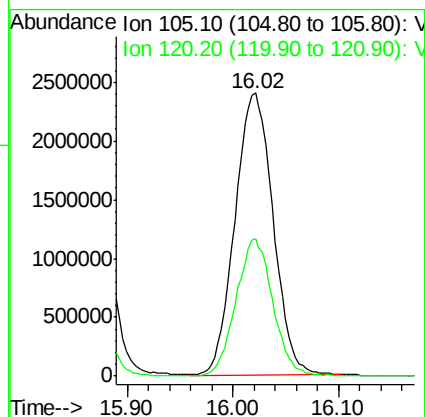
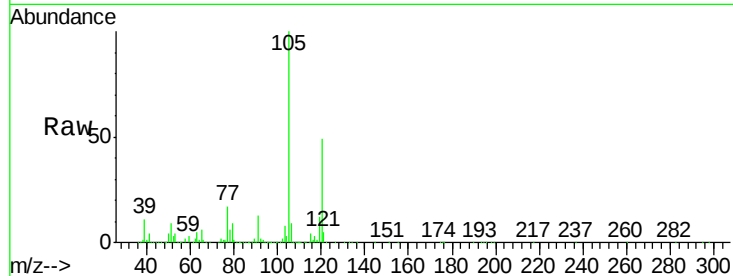


#73
 1,3,5-Trimethylbenzene
 Concen: 12.705 ppbv
 RT: 16.02 min
 Delta R.T. 0.01 min
 Lab File: VSTDIC015
 Acq: 3 Mar 2021 13:24

Tot Ion: 1
 Ion Ratio
 105 100
 120 48.

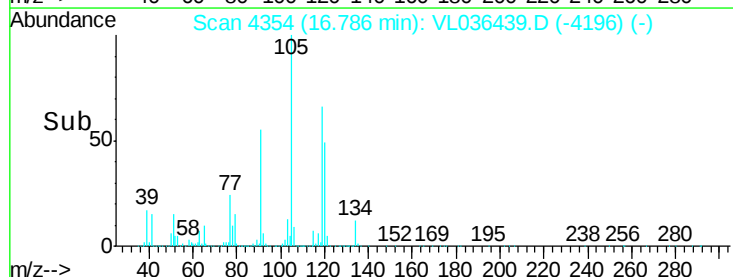
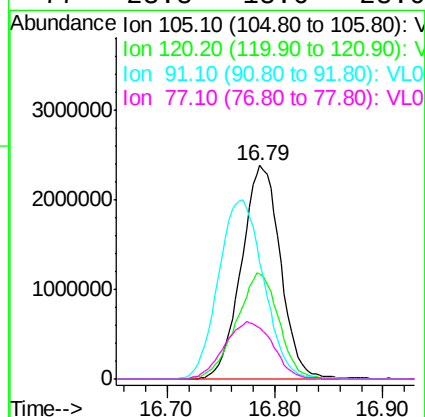
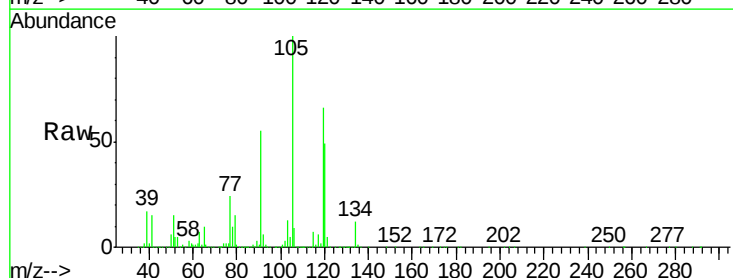
Manual Integrations
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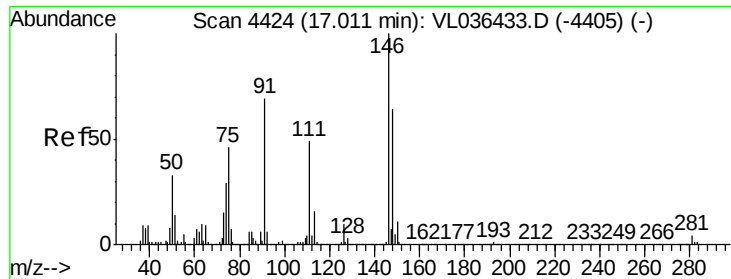
Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 12.366 ppbv
 RT: 16.79 min Scan# 4354
 Delta R.T. 0.01 min
 Lab File: VL036439.D
 Acq: 3 Mar 2021 13:24

Tgt Ion: 105 Resp: 5986974
 Ion Ratio Lower Upper
 105 100
 120 49.0 38.2 57.4
 91 54.3 42.6 63.8
 77 23.8 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 13.120 ppbv

RT: 17.02

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 3 Mar 2021 13:24

Tot Ion:1

Ion Rati

146 100

111 49.

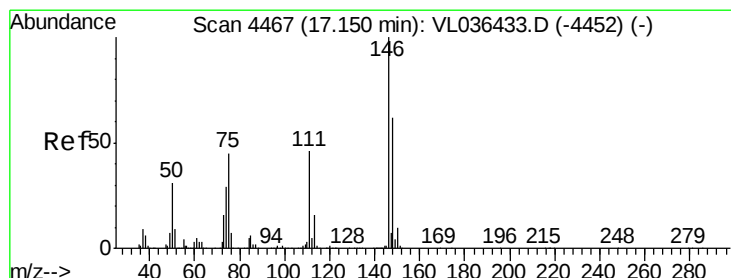
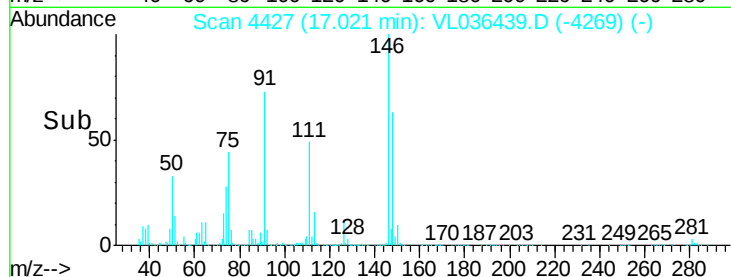
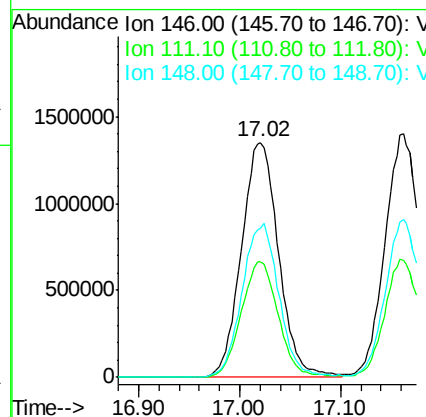
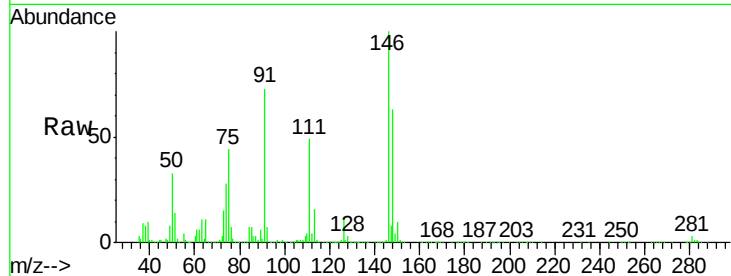
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#76

1,4-Dichlorobenzene

Concen: 12.771 ppbv

RT: 17.16 min Scan# 4471

Delta R.T. 0.01 min

Lab File: VL036439.D

Acq: 3 Mar 2021 13:24

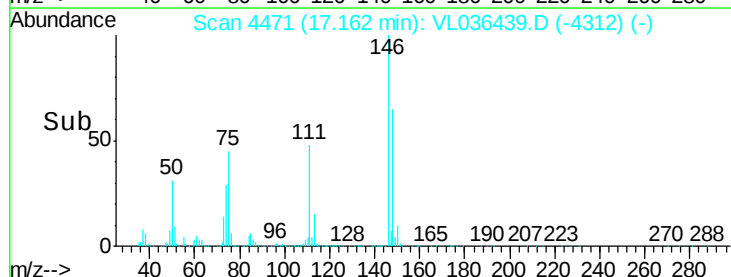
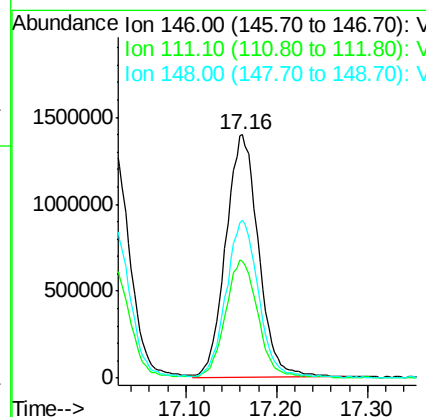
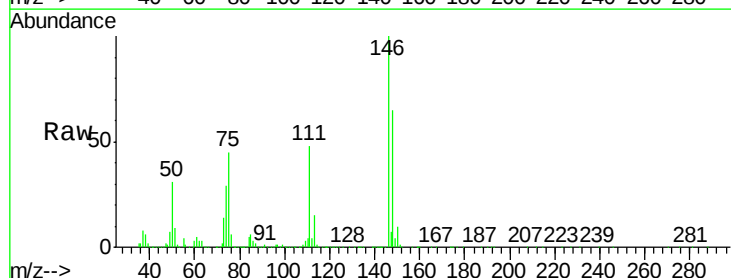
Tgt Ion:146 Resp: 3485278

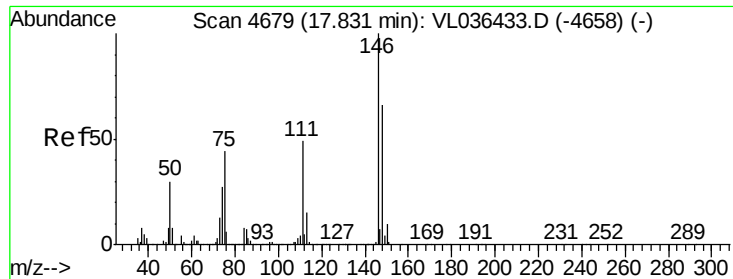
Ion Ratio Lower Upper

146 100

111 48.0 24.5 73.5

148 64.8 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 12.896 ppbv

RT: 17.84

Delta R.T. MSVOA_L

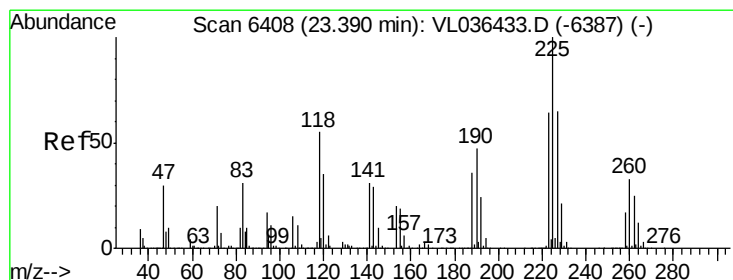
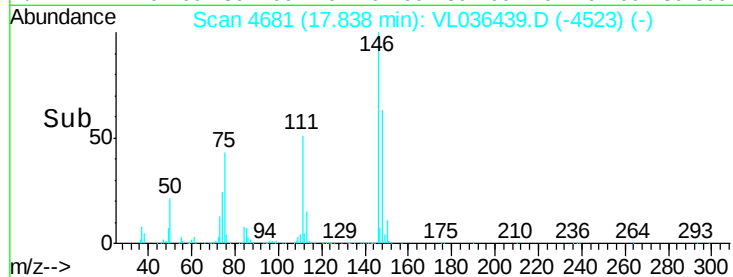
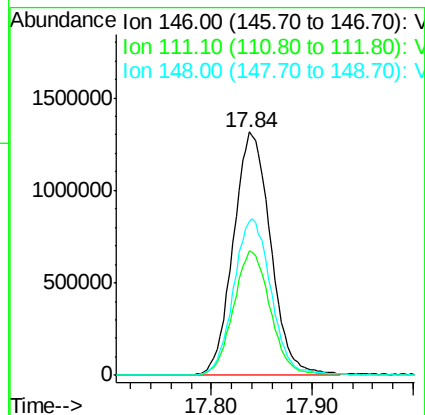
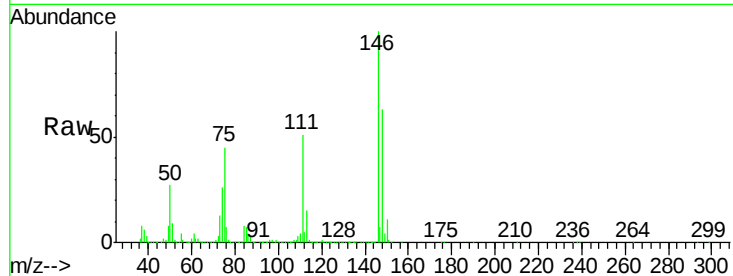
Lab File: ClientSampleId :

Acq: 3 Mar 2021 13:24

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

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



#78

Hexachloro-1,3-Butadiene

Concen: 11.215 ppbv

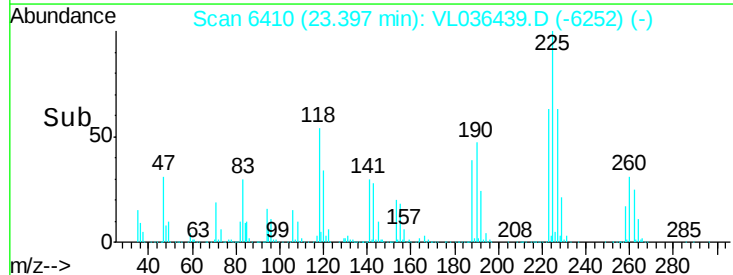
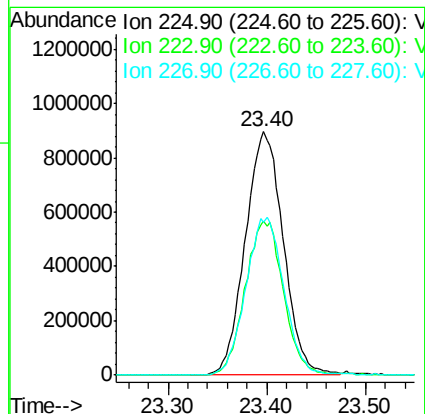
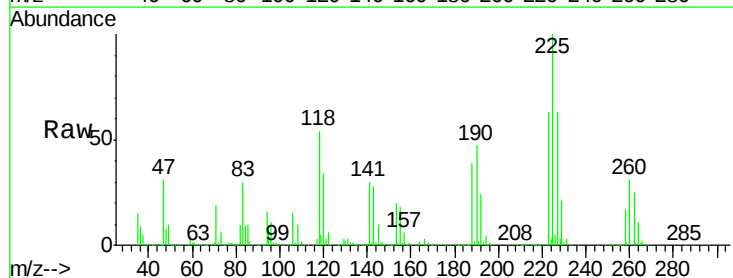
RT: 23.40 min Scan# 6410

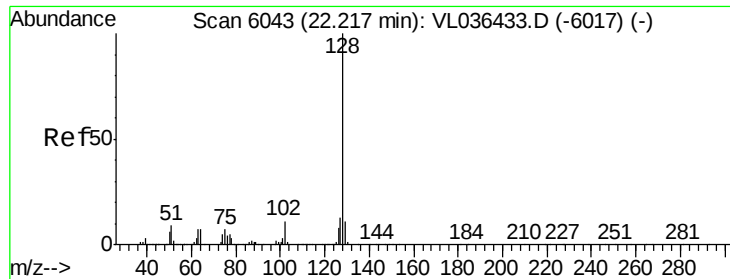
Delta R.T. 0.01 min

Lab File: VL036439.D

Acq: 3 Mar 2021 13:24

Tgt Ion:225 Resp: 2388632
Ion Ratio Lower Upper
225 100
223 64.0 51.8 77.8
227 65.5 53.0 79.6



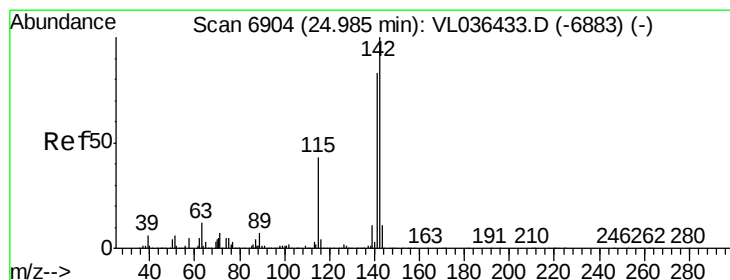
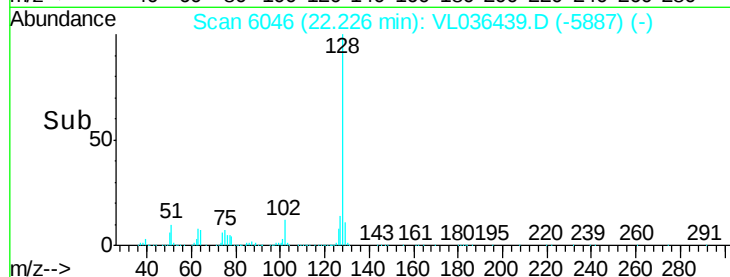
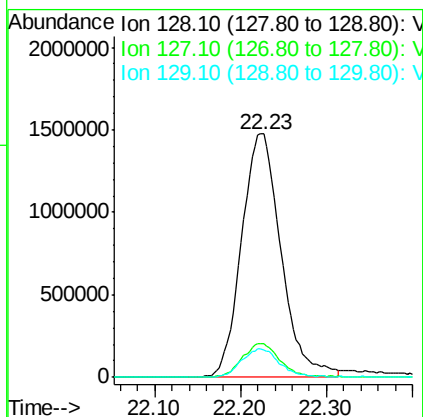
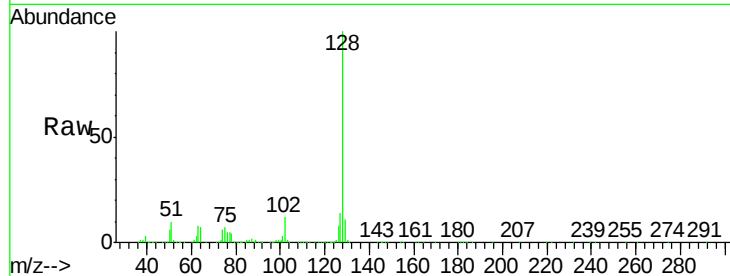


#79
Naphthalene
Concen: 16.435 ppbv
RT: 22.23
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 13:24

Tot Ion:1
Ion Rati
128 100
127 13.
129 11.

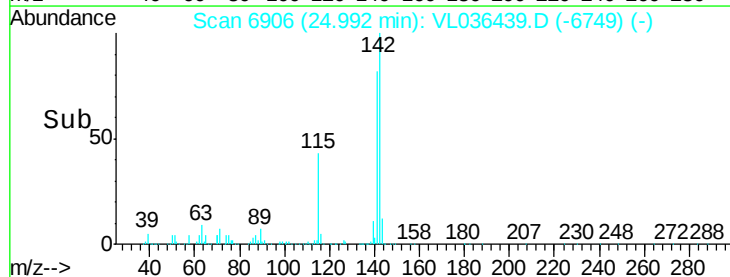
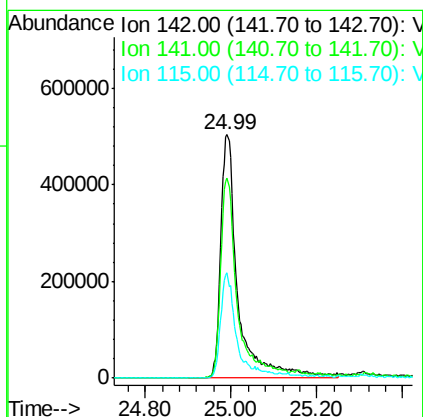
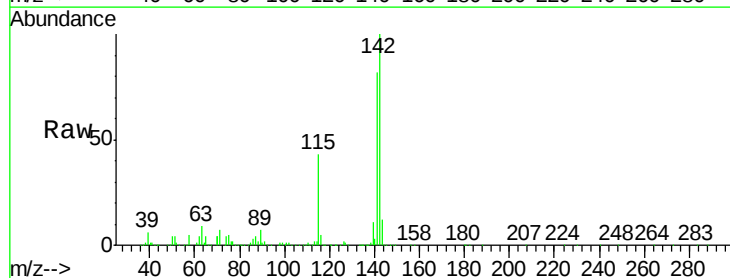
Manual Integrations
APPROVED

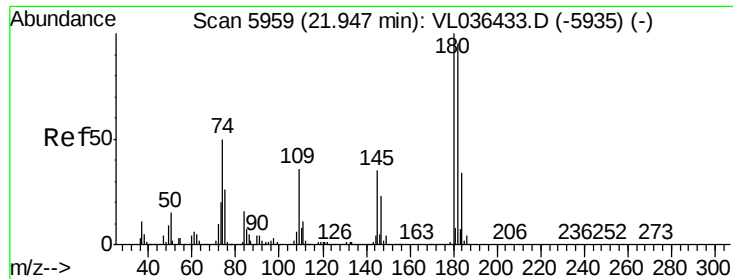
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#80
Naphthalene, 2-methyl-
Concen: 26.469 ppbv
RT: 24.99 min Scan# 6906
Delta R.T. 0.01 min
Lab File: VL036439.D
Acq: 3 Mar 2021 13:24

Tgt Ion:142 Resp: 1406571
Ion Ratio Lower Upper
142 100
141 81.1 69.0 103.6
115 39.6 32.4 48.6





#81
 1,2,4-Trichlorobenzene
 Concen: 13.845 ppbv
 RT: 21.95
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 3 Mar 2021 13.24

Tot Ion:1
 Ion Rati
 180 100
 182 101.
 184 32.

Manual Integrations
 APPROVED

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

