

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012622\
 Data File : VL038284.D
 Acq On : 26 Jan 2022 10:49
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Quant Time: Jan 27 02:58:30 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A

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

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 01/27/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	604970	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2120172	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	1902398m	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1455266	10.08	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	1354639	10.519	ppbv	98
3) Chlorodifluoromethane	2.98	51	1437839	11.939	ppbv	100
4) Chloromethane	3.13	50	482728	11.651	ppbv	96
5) Vinyl Chloride	3.25	62	498470	12.054	ppbv	96
6) Bromomethane	3.46	94	264126	11.814	ppbv	99
7) Chloroethane	3.55	64	164942	11.809	ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	1170152	11.742	ppbv	98
9) Propene	3.00	41	482023	12.295	ppbv	100
10) Heptane	8.09	43	1235030	12.244	ppbv	100
11) Trichlorofluoromethane	3.93	101	1238037	12.340	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	907716	11.969	ppbv	97
13) Ethanol	3.59	45	49571	11.778	ppbv	98
14) Bromoethene	3.73	108	373084	12.589	ppbv	99
15) Acetone	3.83	43	590956	11.081	ppbv	98
16) 1,3-Butadiene	3.32	39	468003	12.229	ppbv	100
17) tert-Butyl alcohol	4.27	59	734507	12.549	ppbv	98
18) 1,1-Dichloroethene	4.27	96	398275	12.077	ppbv	99
19) Isopropyl Alcohol	3.94	45	389680	11.680	ppbv #	98
20) Methylene Chloride	4.33	84	339701	10.952	ppbv	99
21) Allyl Chloride	4.39	41	610227	12.933	ppbv	99
22) trans-1,2-Dichloroethene	4.86	96	430031	12.620	ppbv	97
23) Vinyl Acetate	5.05	43	991218	12.783	ppbv	99
24) 1,1-Dichloroethane	4.99	63	848660	12.286	ppbv	99
25) Ethyl Acetate	5.65	43	1499997	10.046	ppbv	99
26) Hexane	5.66	57	682353	9.825	ppbv	99
27) Carbon Disulfide	4.53	76	1035570	12.745	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	909356	12.622	ppbv	99
29) Chloroform	5.73	83	1313203	11.584	ppbv	98
30) Cyclohexane	7.10	84	736578	12.181	ppbv	99
31) cis-1,2-Dichloroethene	5.52	61	656197	10.832	ppbv	99
32) 1,1,1-Trichloroethane	6.48	97	1391321	12.288	ppbv	100
34) 2-Butanone	5.22	43	674934	9.735	ppbv	100
35) Carbon Tetrachloride	6.99	117	1447497	9.726	ppbv	99
36) Benzene	6.86	78	1830905	9.763	ppbv	99
37) 1,2-Dichloroethane	6.28	62	1078084	10.036	ppbv	99
38) Trichloroethene	7.81	130	662442	9.482	ppbv	97
39) 1,2-Dichloropropane	7.59	63	732499	9.634	ppbv	97
40) 1,4-Dioxane	7.81	88	176764	9.659	ppbv	82
41) Tetrahydrofuran	6.02	42	459559	9.860	ppbv	99
42) Bromodichloromethane	7.76	83	1559917	9.788	ppbv	99
43) Methyl Methacrylate	7.98	69	688156	10.374	ppbv	99

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Manual Integrations
 APPROVED

Quant Time: Jan 27 02:58:30 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A

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

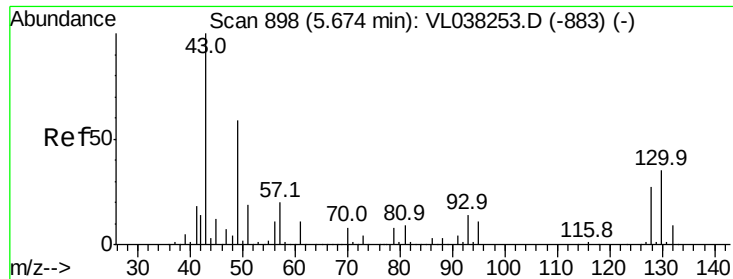
QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	3109751	9.409	ppbv	100
45) t-1,3-Dichloropropene	9.25	75	617359	11.455	ppbv	100
46) cis-1,3-Dichloropropene	8.67	75	769239	10.697	ppbv	99
47) 1,1,2-Trichloroethane	9.45	97	729678	9.767	ppbv	99
48) Dibromochloromethane	10.27	129	1227941	9.763	ppbv	98
49) Bromoform	13.01	173	873493	9.633	ppbv	98
50) 4-Methyl-2-Pentanone	8.71	43	1254143	10.140	ppbv	100
51) 2-Hexanone	10.10	43	557945	10.242	ppbv #	97
52) Tetrachloroethene	11.19	164	592541	9.168	ppbv	98
53) Toluene	9.77	91	2049394	9.873	ppbv	99
54) 1,2-Dibromoethane	10.58	107	1070667	10.080	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.09	131	787348	9.456	ppbv	95
57) Chlorobenzene	12.11	112	1426812	9.373	ppbv	99
58) Ethyl Benzene	12.68	91	2690405	9.623	ppbv	99
59) m/p-Xylene	12.96	91	4497732m	18.856	ppbv	
60) o-Xylene	13.66	91	2075809	9.357	ppbv	99
61) Styrene	13.49	104	1080666	10.437	ppbv	99
62) Isopropylbenzene	14.64	105	2774398	9.380	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.64	83	1435220	8.743	ppbv	99
64) n-propylbenzene	15.53	120	696408	9.788	ppbv	99
65) tert-Butylbenzene	16.71	119	2255063	9.257	ppbv	99
66) Benzyl Chloride	16.96	91	108611	9.815	ppbv	98
67) sec-Butylbenzene	17.26	105	3134505	9.250	ppbv	100
69) p-Isopropyltoluene	17.62	119	2454445	9.465	ppbv	99
70) n-Butylbenzene	18.52	91	2416768	9.515	ppbv	100
71) 2-Chlorotoluene	15.42	91	2085297	9.519	ppbv	100
72) 4-Ethyltoluene	15.81	105	2299898	9.913	ppbv	99
73) 1,3,5-Trimethylbenzene	15.96	105	1989325	9.535	ppbv	100
74) 1,2,4-Trimethylbenzene	16.73	105	2042754	9.293	ppbv	96
75) 1,3-Dichlorobenzene	16.96	146	1096001	9.292	ppbv	100
76) 1,4-Dichlorobenzene	17.10	146	1060938	9.290	ppbv	99
77) 1,2-Dichlorobenzene	17.78	146	992030	9.055	ppbv	99
78) Hexachloro-1,3-Butadiene	23.34	225	655871	8.611	ppbv	99
79) Naphthalene	22.15	128	1252258	12.185	ppbv	99
80) Naphthalene,2-methyl-	24.94	142	210430	18.828	ppbv	94
81) 1,2,4-Trichlorobenzene	21.89	180	655139m	10.839	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 10:49 VSTDCCC010

Tot Ion:

Ion Ratio

49 100

128 51.

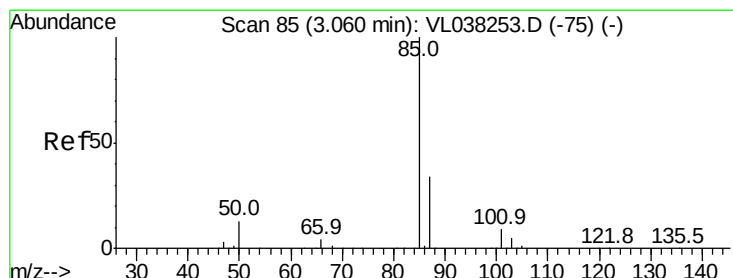
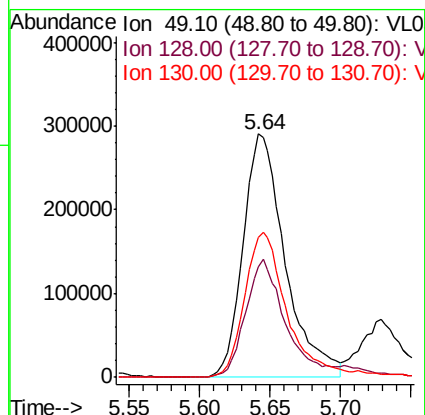
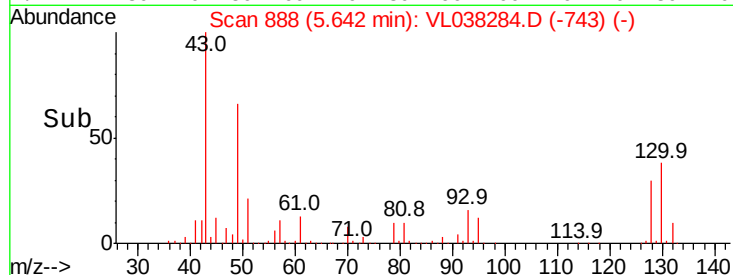
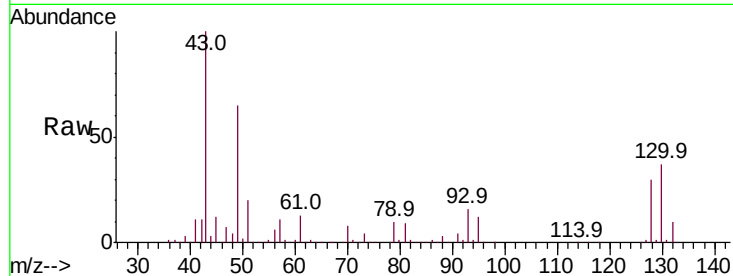
130 63.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#2

Dichlorodifluoromethane

Concen: 10.519 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.02 min

Lab File: VL038284.D

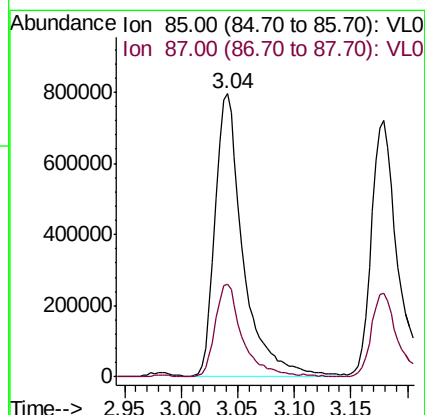
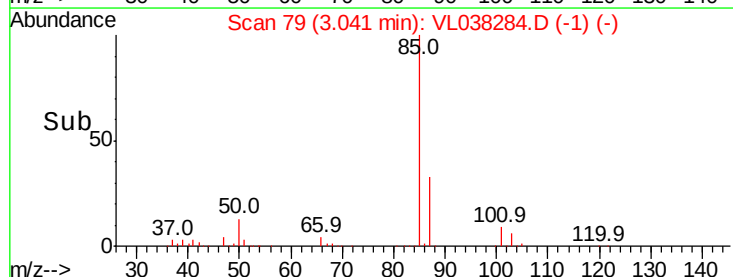
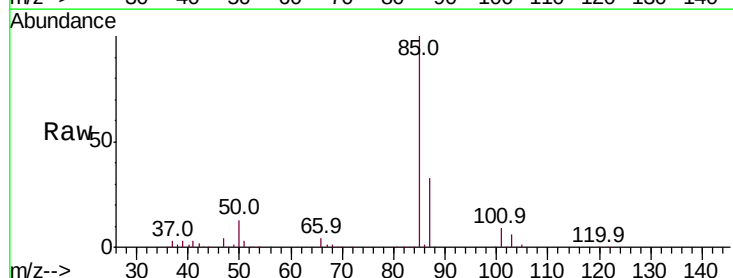
Acq: 26 Jan 2022 10:49

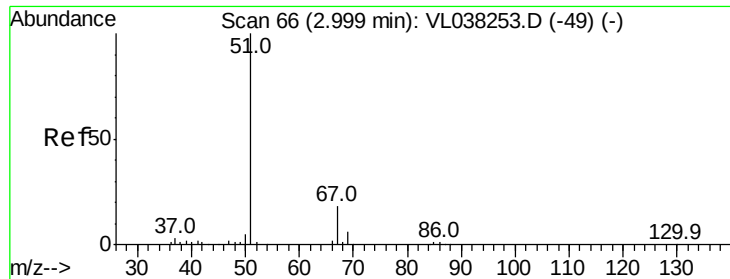
Tgt Ion: 85 Resp: 1354639

Ion Ratio Lower Upper

85 100

87 32.9 27.0 40.6



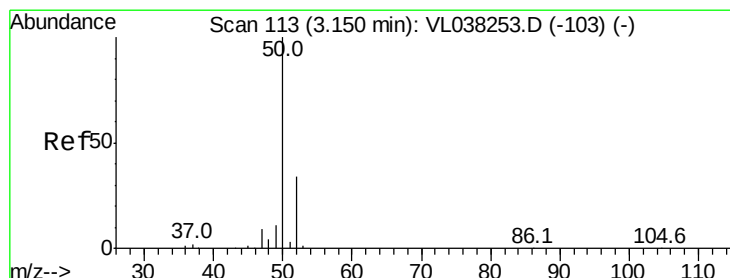
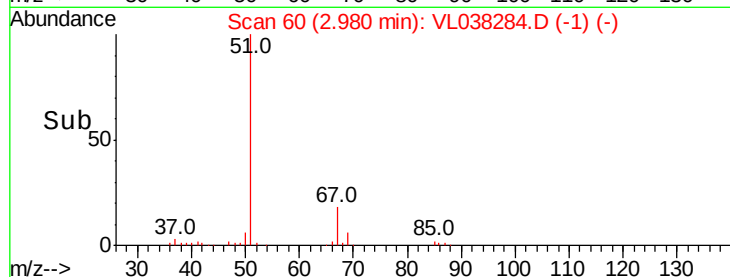
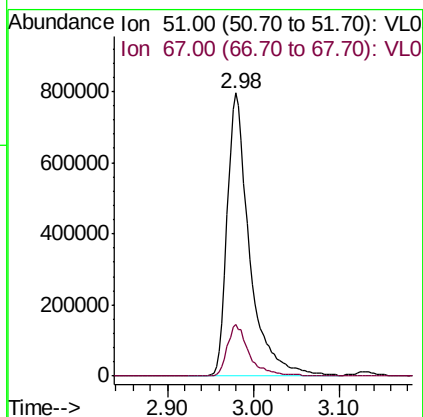
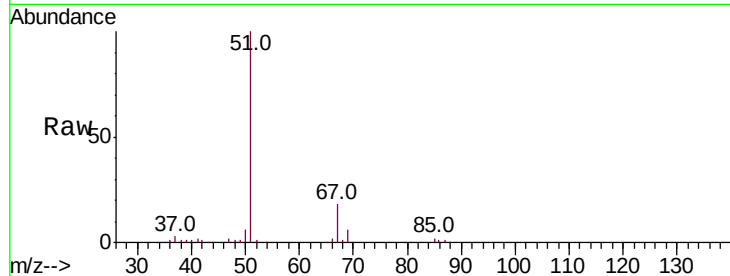


#3
Chlorodifluoromethane
Concen: 11.939 ppbv
RT: 2.98 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 26 Jan 2022 10:49

Tot Ion:
Ion Ratio
51 100
67 18.

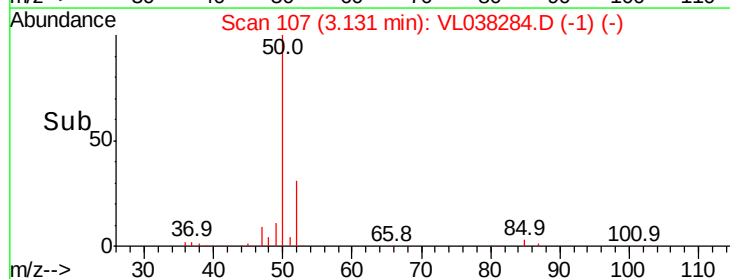
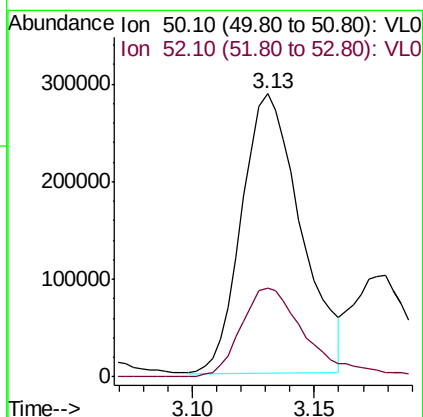
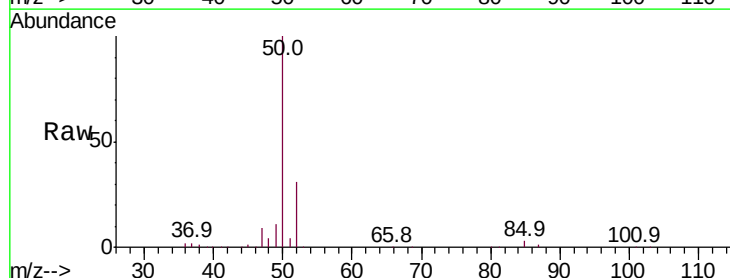
Manual Integrations
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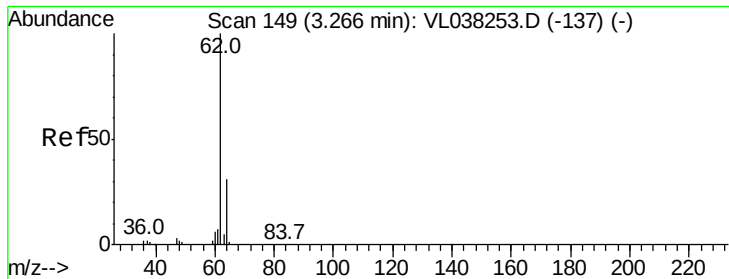
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#4
Chloromethane
Concen: 11.651 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.02 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 50 Resp: 482728
Ion Ratio Lower Upper
50 100
52 31.6 27.1 40.7





#5

Vinyl Chloride

Concen: 12.054 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDCCC010

Acq: 26 Jan 2022 10:49

Tot Ion:

Ion Ratio

62 100

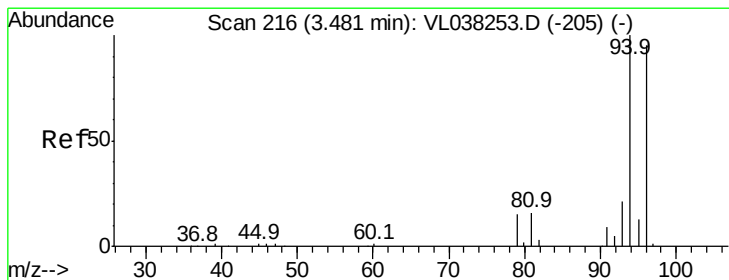
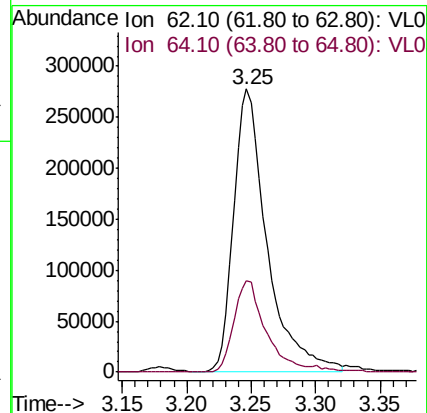
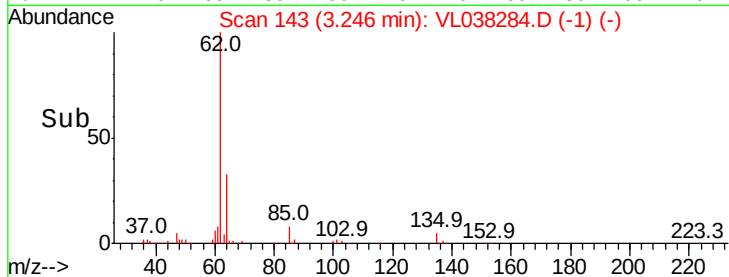
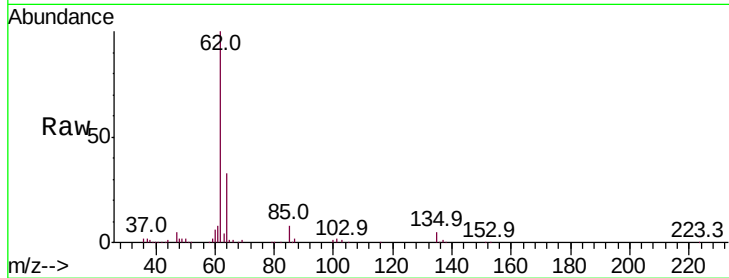
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#6

Bromomethane

Concen: 11.814 ppbv

RT: 3.46 min Scan# 210

Delta R.T. -0.02 min

Lab File: VL038284.D

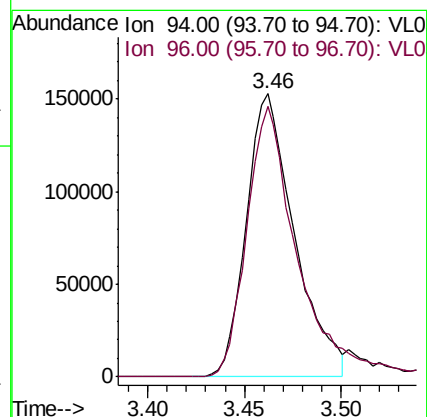
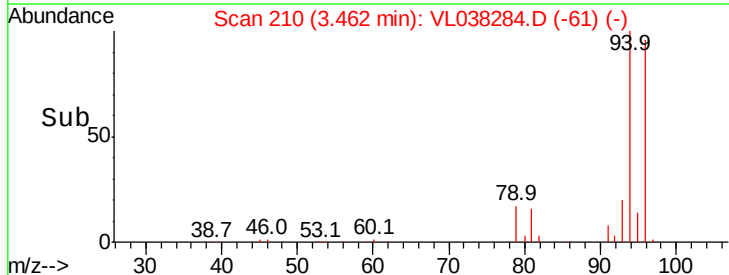
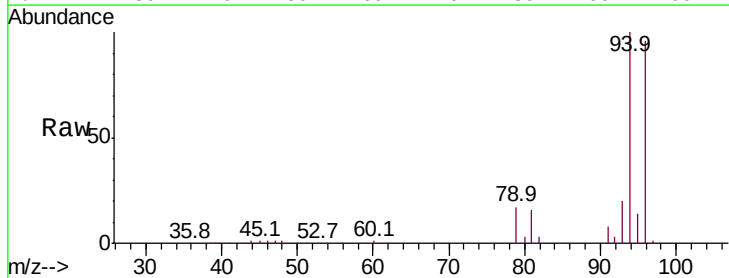
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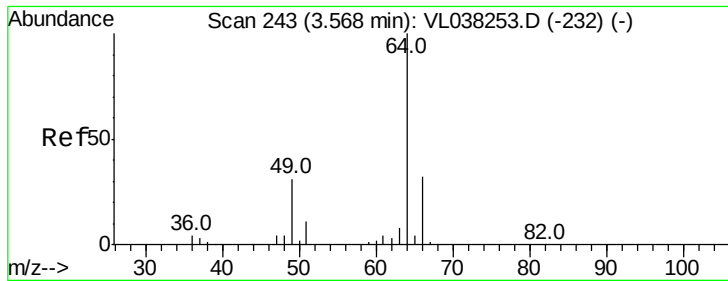
Tgt Ion: 94 Resp: 264126

Ion Ratio Lower Upper

94 100

96 95.6 76.0 114.0





#7

Chloroethane

Concen: 11.809 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 10:49 VSTDCCC010

Tot Ion:

Ion Ratio

64 100

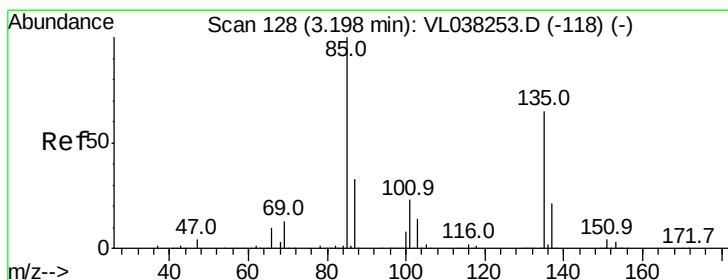
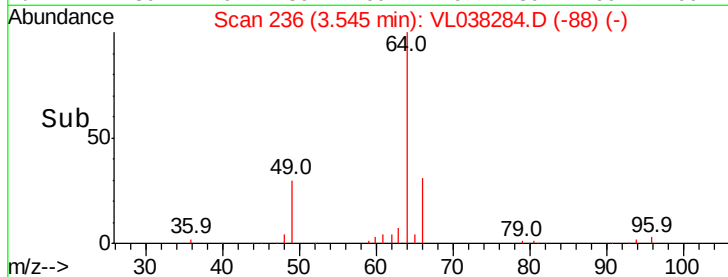
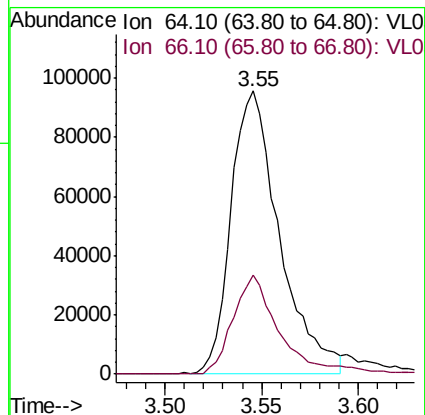
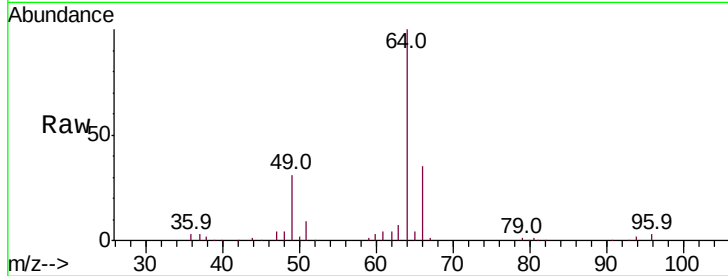
66 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#8

Dichlorotetrafluoroethane

Concen: 11.742 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.02 min

Lab File: VL038284.D

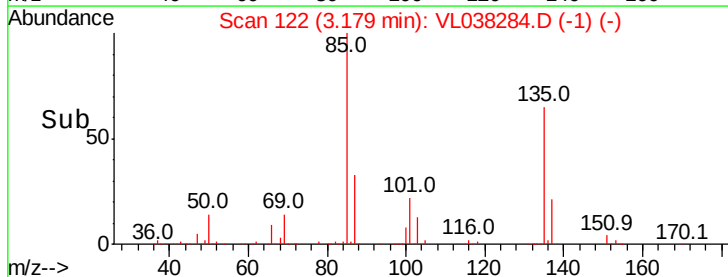
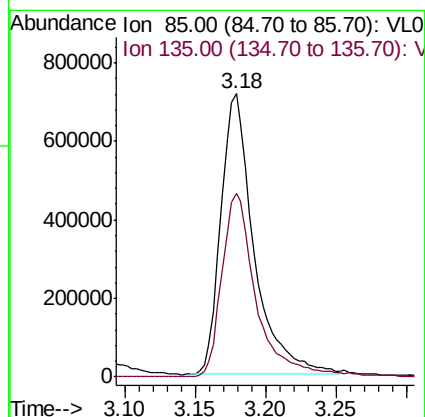
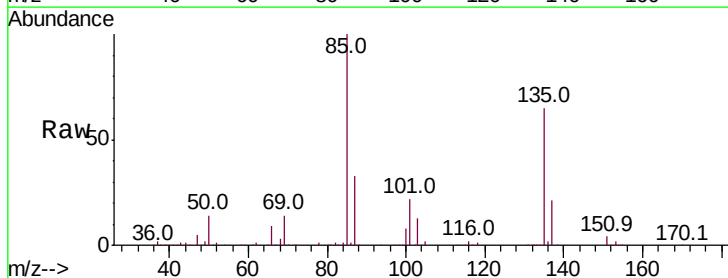
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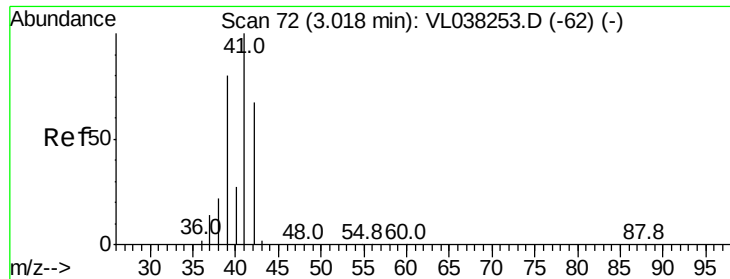
Tgt Ion: 85 Resp: 1170152

Ion Ratio Lower Upper

85 100

135 68.8 53.7 80.5



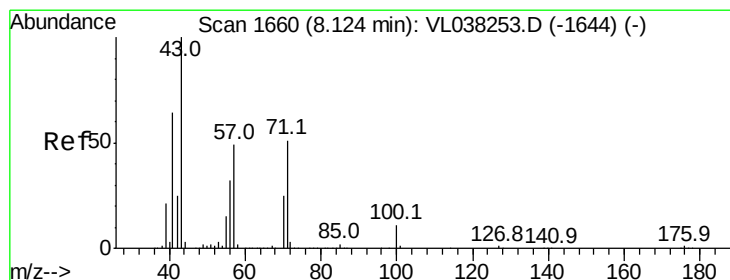
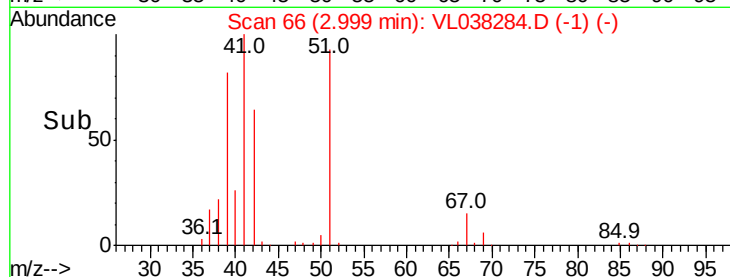
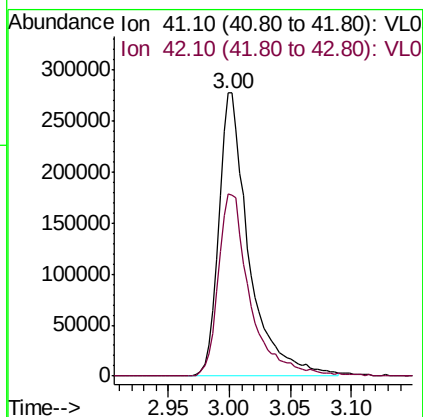
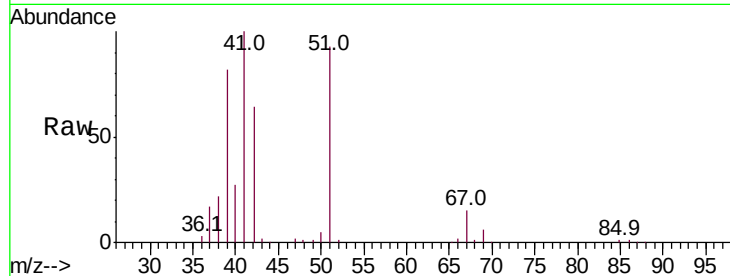


#9
 Propene
 Concen: 12.295 ppbv
 RT: 3.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 26 Jan 2022 10:49

Tot Ion:
 Ion Ratio
 41 100
 42 68.

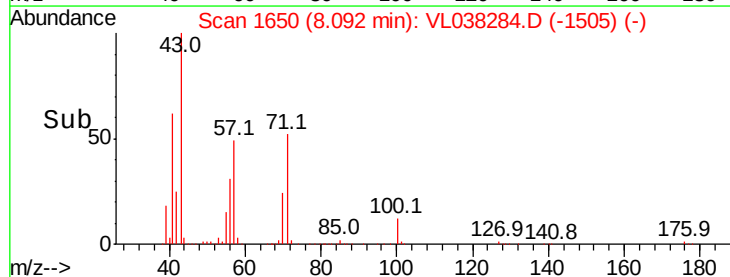
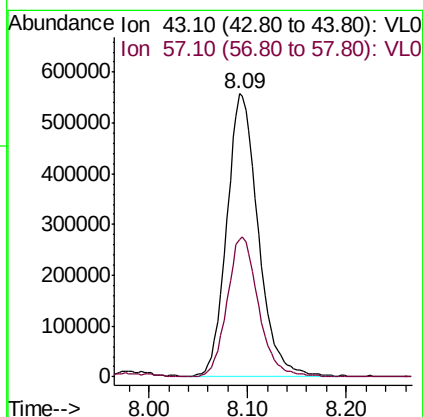
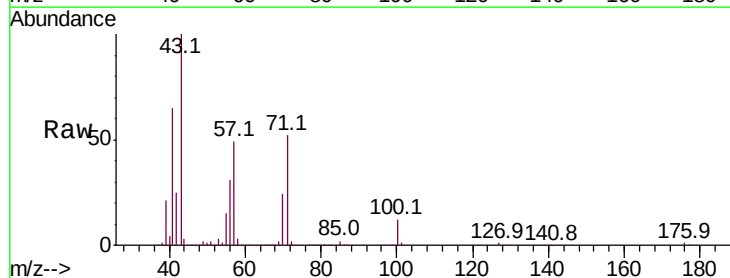
Manual Integrations
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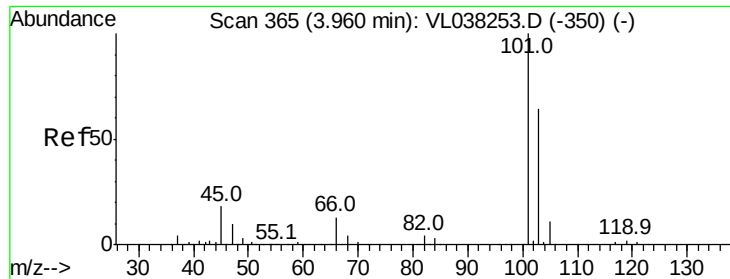
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#10
 Heptane
 Concen: 12.244 ppbv
 RT: 8.09 min Scan# 1650
 Delta R.T. -0.03 min
 Lab File: VL038284.D
 Acq: 26 Jan 2022 10:49

Tgt Ion: 43 Resp: 1235030
 Ion Ratio Lower Upper
 43 100
 57 49.3 39.5 59.3



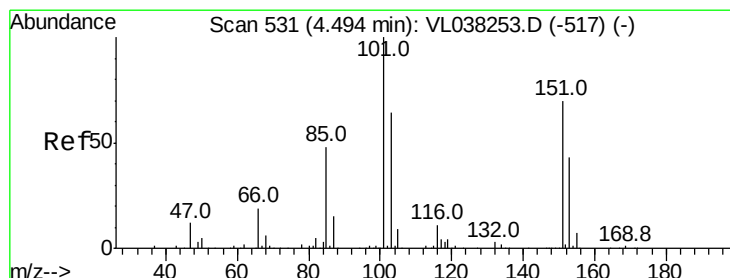
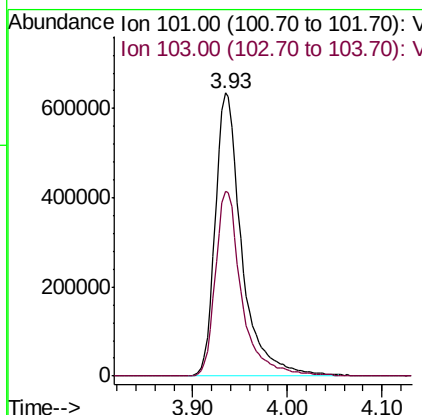
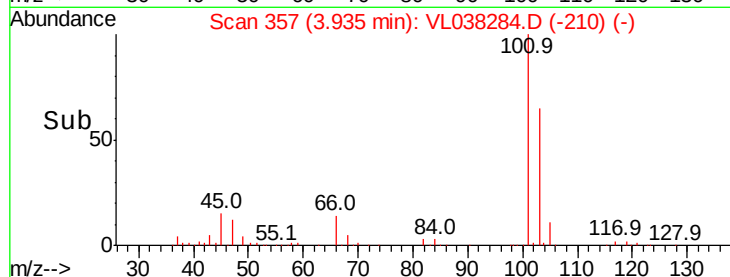
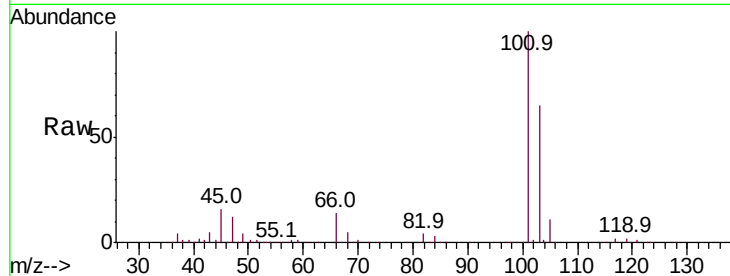


#11
 Trichlorofluoromethane
 Concen: 12.340 ppbv
 RT: 3.93
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 26 Jan 2022 10:49

Tot Ion:1
 Ion Rati
 101 100
 103 65.

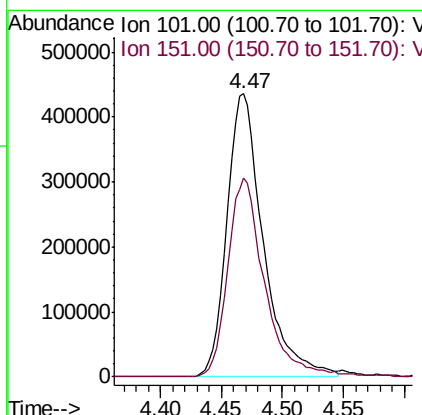
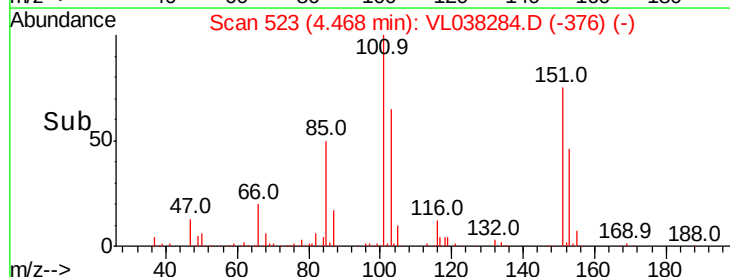
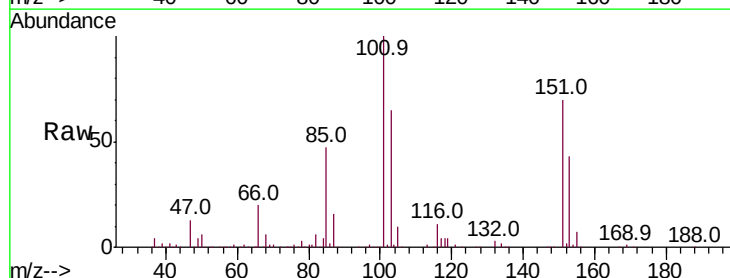
Manual Integrations
 APPROVED

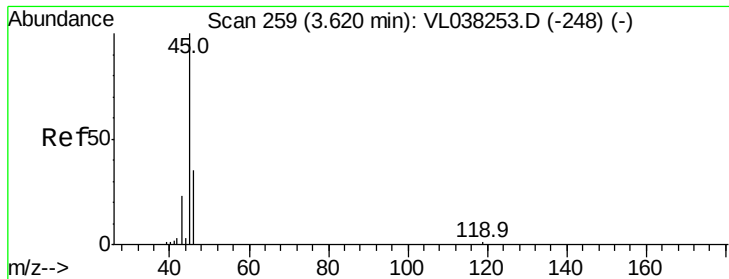
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.969 ppbv
 RT: 4.47 min Scan# 523
 Delta R.T. -0.03 min
 Lab File: VL038284.D
 Acq: 26 Jan 2022 10:49

Tgt Ion:101 Resp: 907716
 Ion Ratio Lower Upper
 101 100
 151 71.4 55.3 82.9



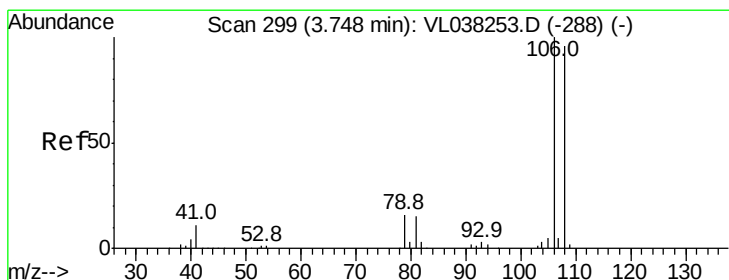
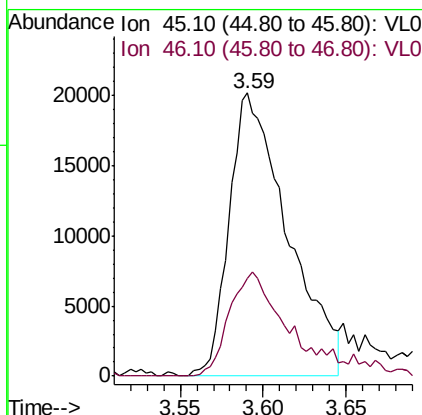
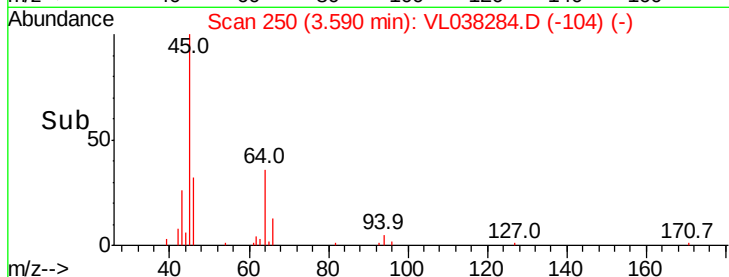
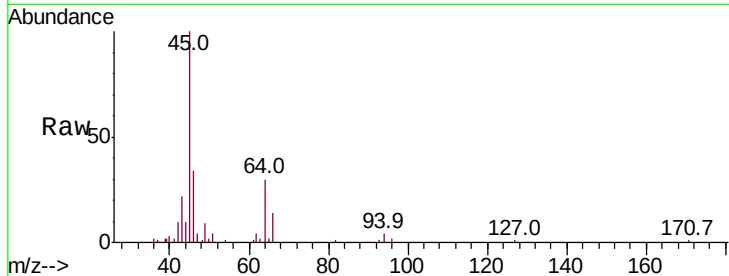


#13
Ethanol
Concen: 11.778 ppbv
RT: 3.59
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 26 Jan 2022 10:49

Tot Ion:
Ion Ratio
45 100
46 39.

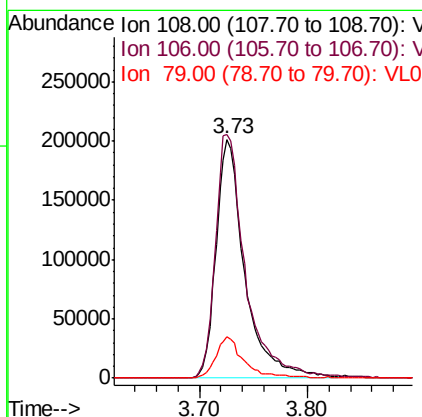
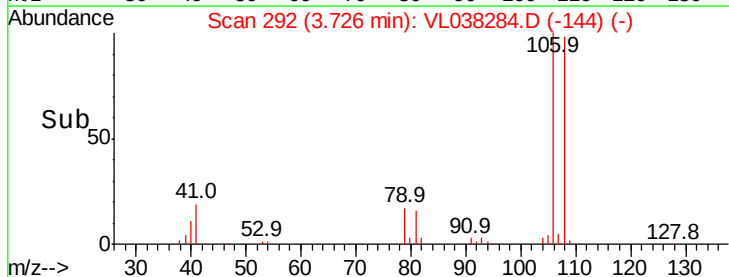
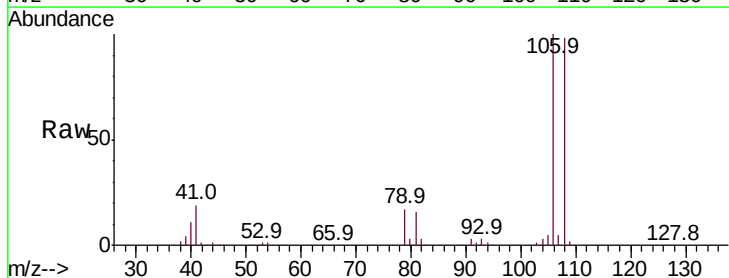
Manual Integrations
APPROVED

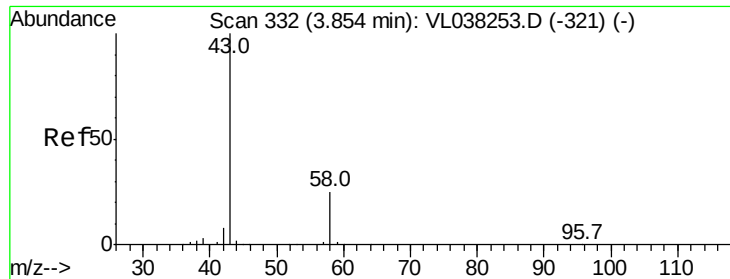
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#14
Bromoethene
Concen: 12.589 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.02 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:108 Resp: 373084
Ion Ratio Lower Upper
108 100
106 107.2 86.4 129.6
79 17.3 14.1 21.1



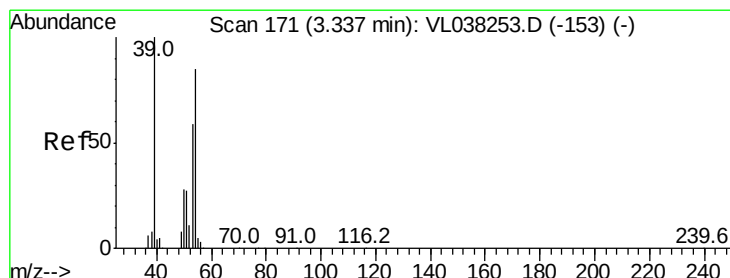
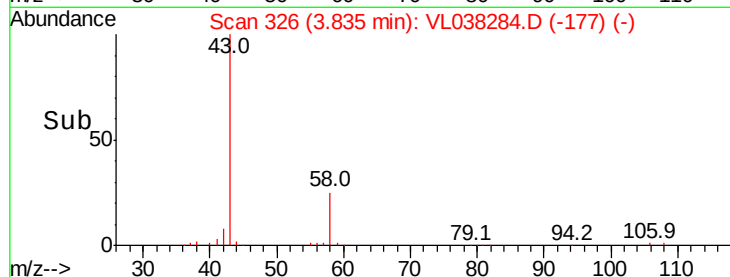
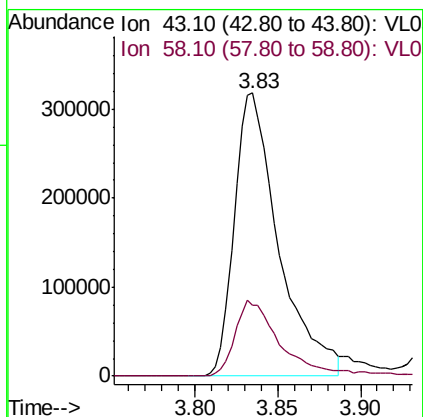
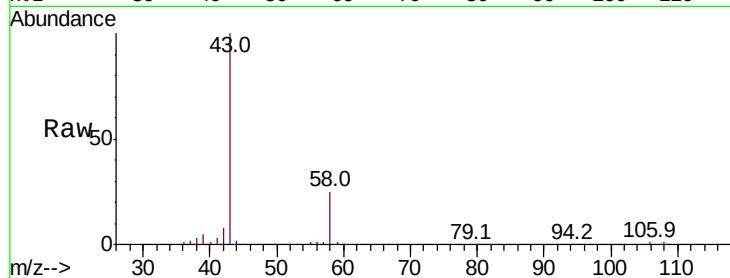


#15
Acetone
Concen: 11.081 ppbv
RT: 3.83
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 26 Jan 2022 10:49 VSTDCCC010

Tot Ion:
Ion Ratio
43 100
58 27.

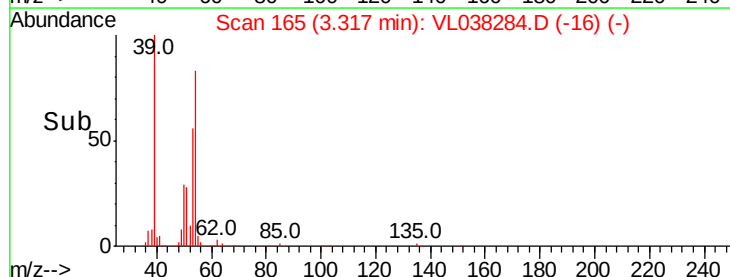
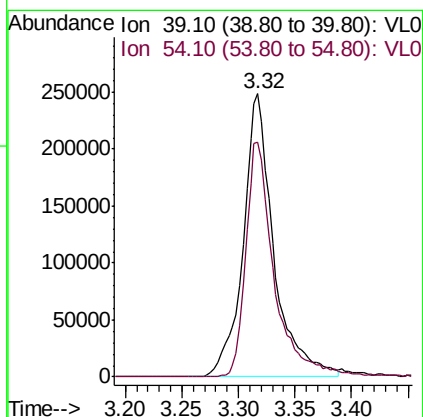
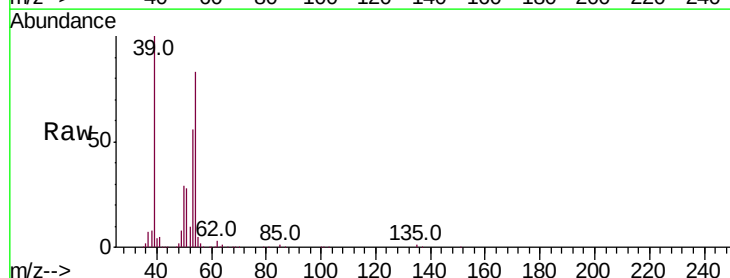
Manual Integrations
APPROVED

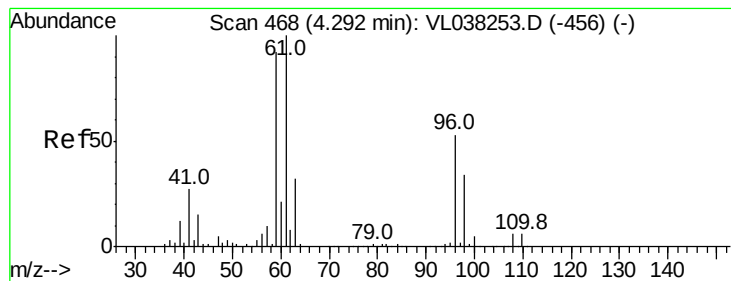
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#16
1,3-Butadiene
Concen: 12.229 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.02 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 39 Resp: 468003
Ion Ratio Lower Upper
39 100
54 78.1 62.6 94.0





#17

tert-Butyl alcohol

Concen: 12.549 ppbv

RT: 4.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 26 Jan 2022 10:49 VSTDCCC010

Tot Ion:

Ion Ratio

59 100

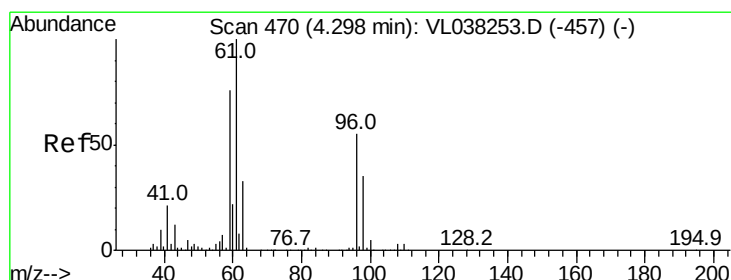
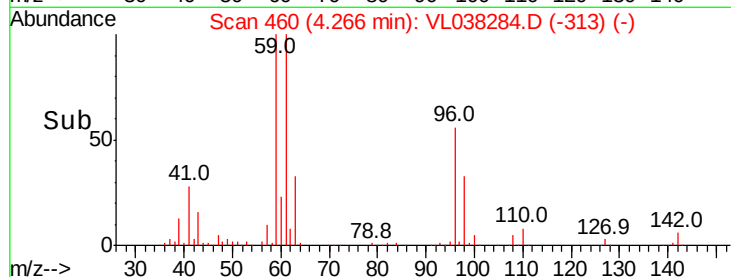
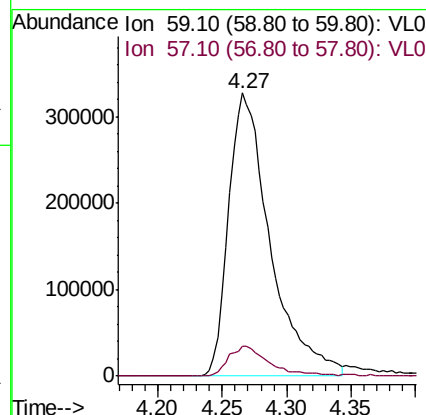
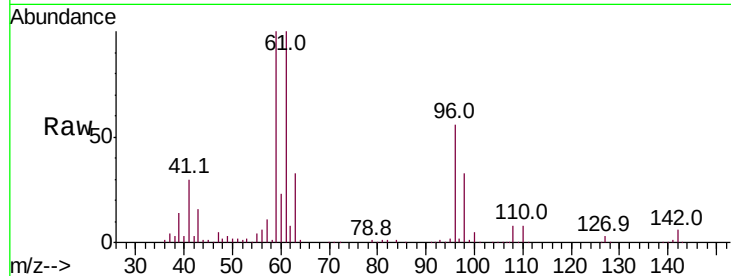
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#18

1,1-Dichloroethene

Concen: 12.077 ppbv

RT: 4.27 min Scan# 462

Delta R.T. -0.03 min

Lab File: VL038284.D

Acq: 26 Jan 2022 10:49

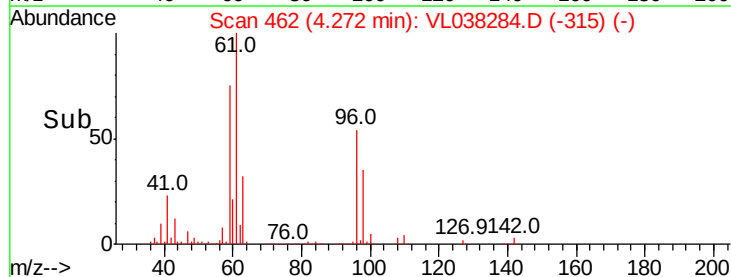
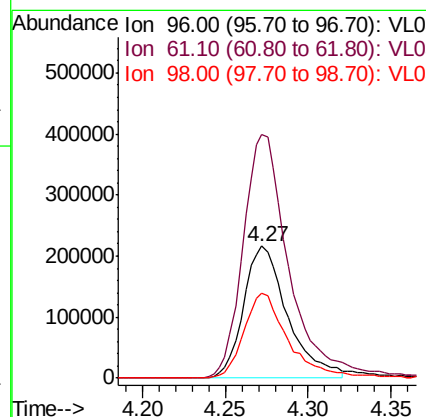
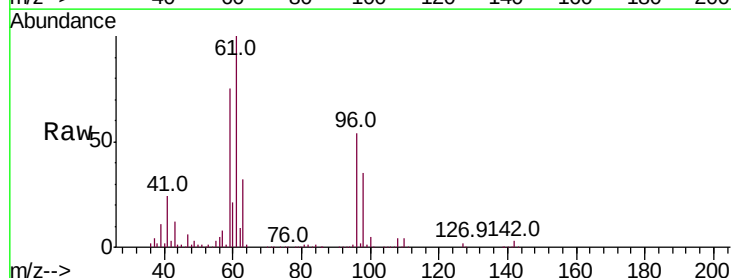
Tgt Ion: 96 Resp: 398275

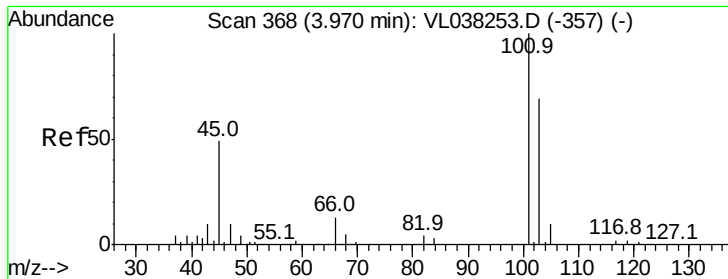
Ion Ratio Lower Upper

96 100

61 184.3 146.5 219.7

98 63.8 51.9 77.9





#19

Isopropyl Alcohol

Concen: 11.680 ppbv

RT: 3.94 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 26 Jan 2022 10:49 VSTDCCC010

Tot Ion:

Ion Ratio

45 100

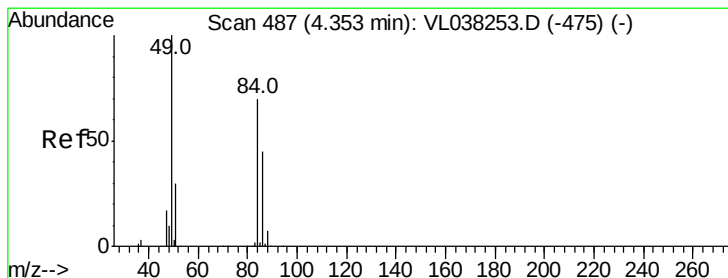
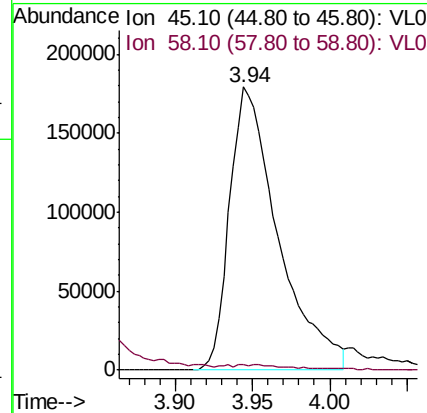
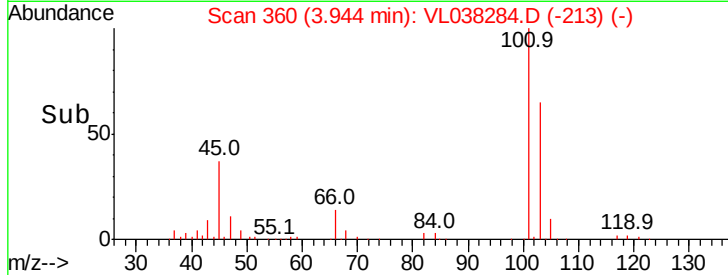
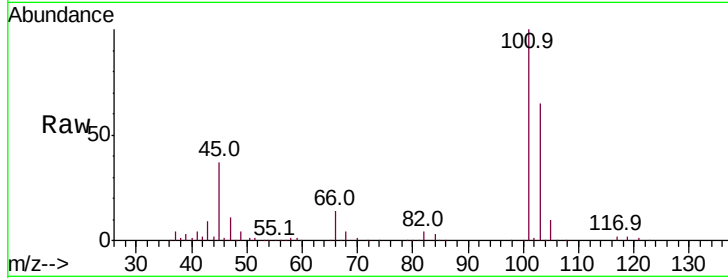
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#20

Methylene Chloride

Concen: 10.952 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.03 min

Lab File: VL038284.D

Acq: 26 Jan 2022 10:49

Tgt Ion: 84 Resp: 339701

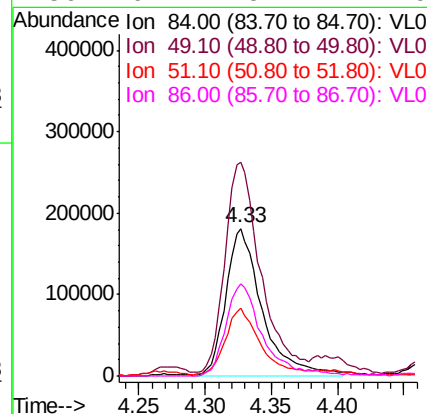
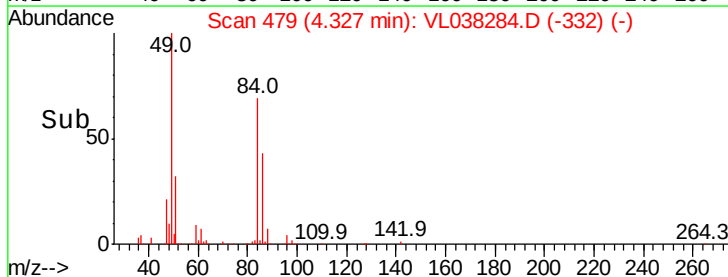
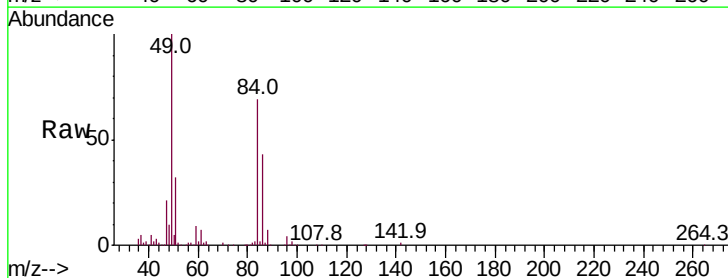
Ion Ratio Lower Upper

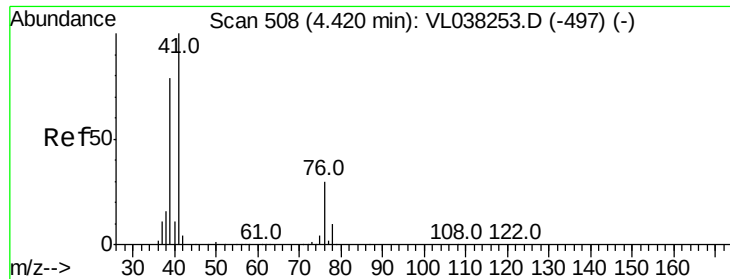
84 100

49 142.5 115.0 172.6

51 45.0 35.0 52.6

86 62.7 51.4 77.0





#21

Allvl Chloride

Concen: 12.933 ppbv

RT: 4.39 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 26 Jan 2022 10:49 VSTDCCC010

Tot Ion:

Ion Ratio

41 100

76 31.

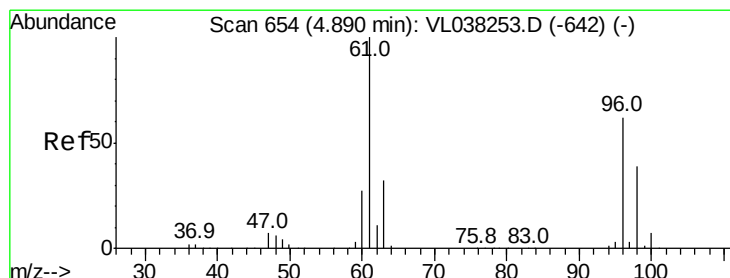
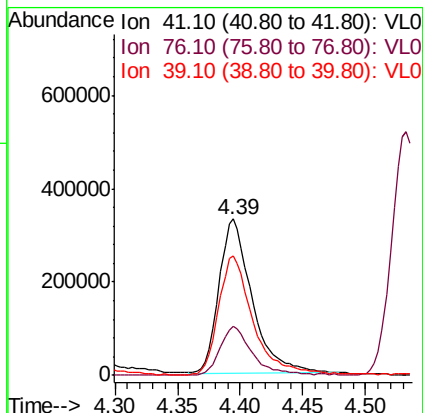
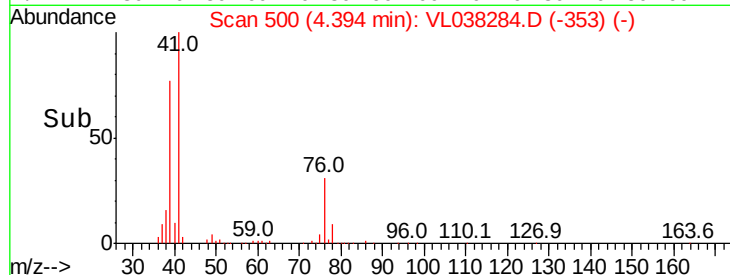
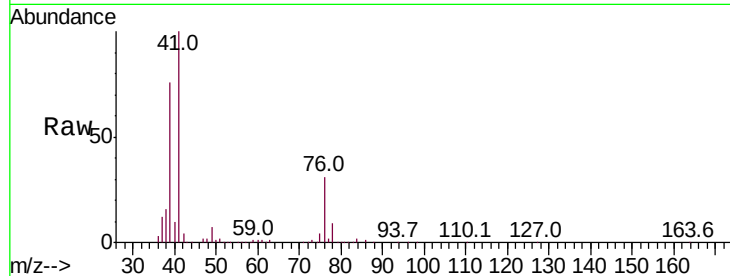
39 79.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#22

trans-1,2-Dichloroethene

Concen: 12.620 ppbv

RT: 4.86 min Scan# 646

Delta R.T. -0.03 min

Lab File: VL038284.D

Acq: 26 Jan 2022 10:49

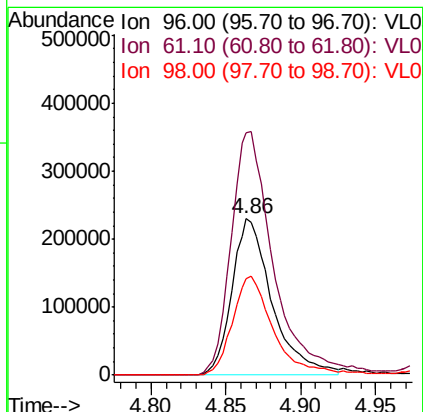
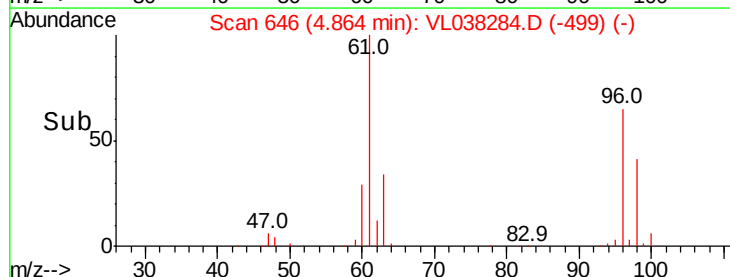
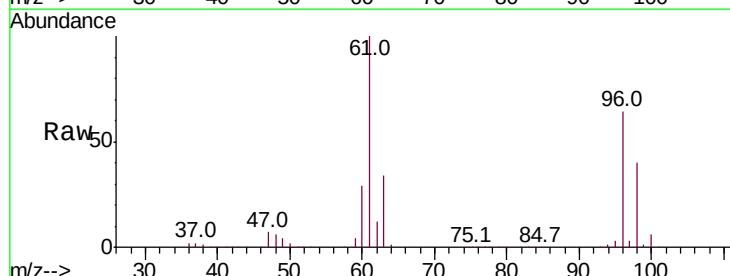
Tgt Ion: 96 Resp: 430031

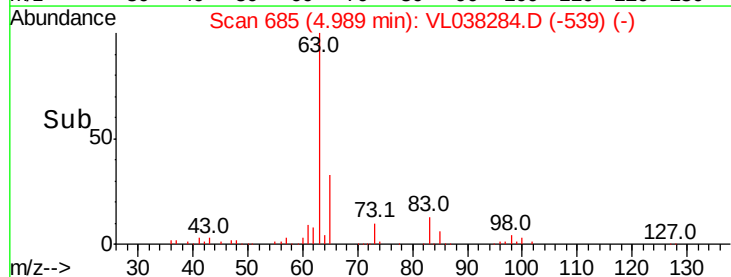
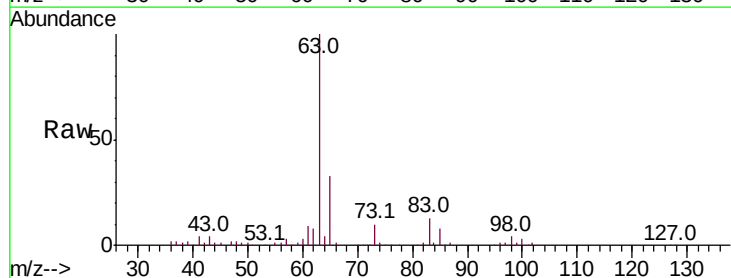
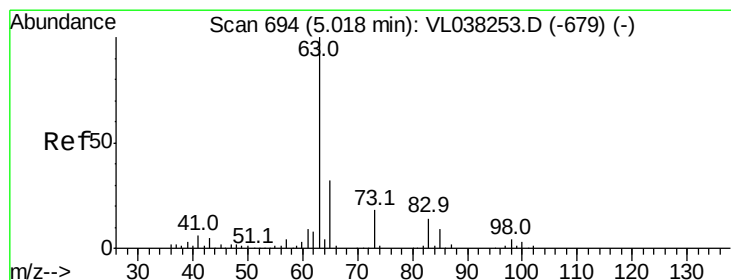
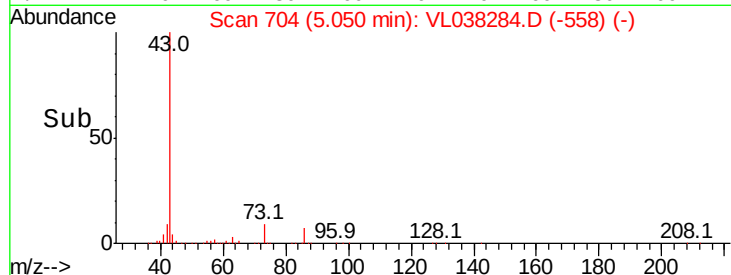
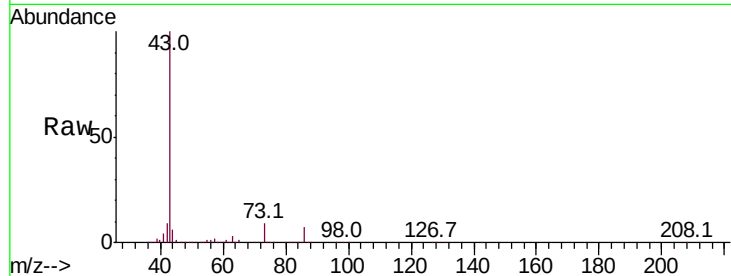
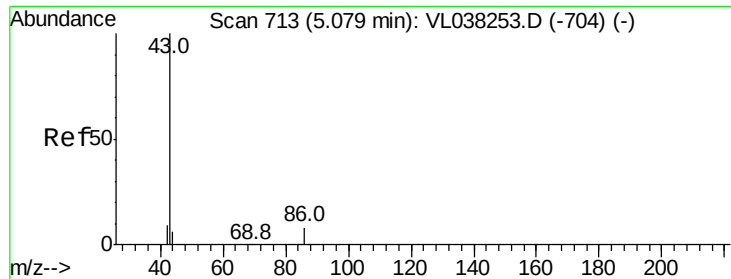
Ion Ratio Lower Upper

96 100

61 155.2 128.8 193.2

98 62.1 49.8 74.8





#23

Vinyl Acetate

Concen: 12.783 ppbv

RT: 5.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 10:49

Tot Ion:

Ion Ratio

43 100

86 7.

42 9.

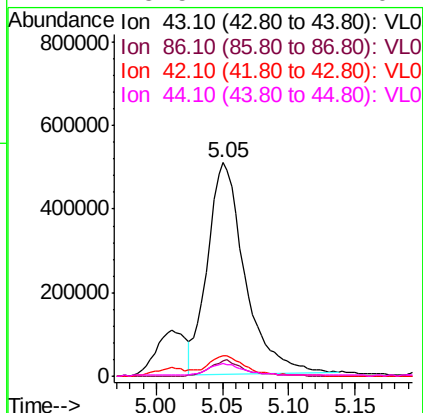
44 5.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#24

1,1-Dichloroethane

Concen: 12.286 ppbv

RT: 4.99 min Scan# 685

Delta R.T. -0.03 min

Lab File: VL038284.D

Acq: 26 Jan 2022 10:49

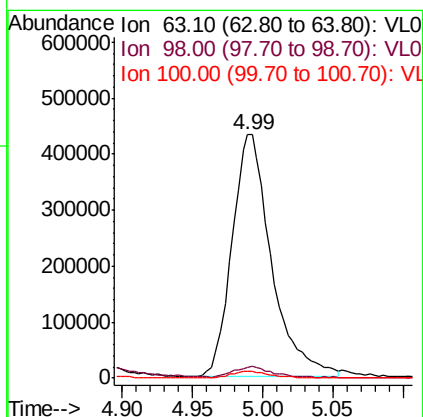
Tgt Ion: 63 Resp: 848660

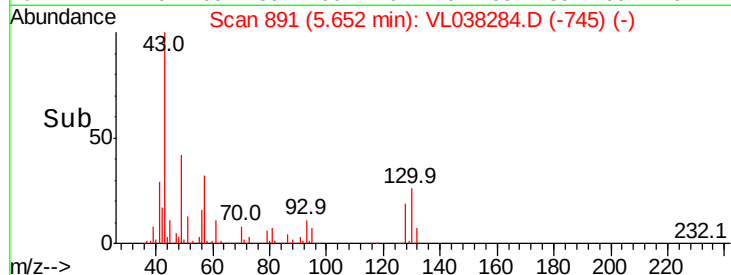
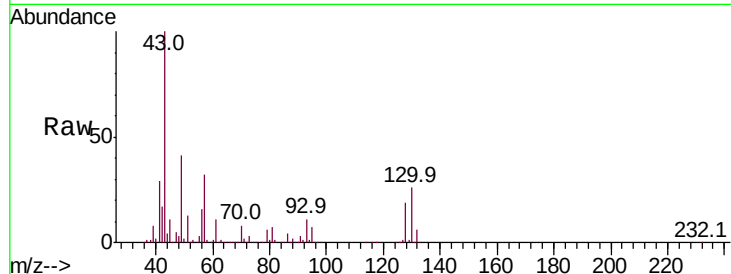
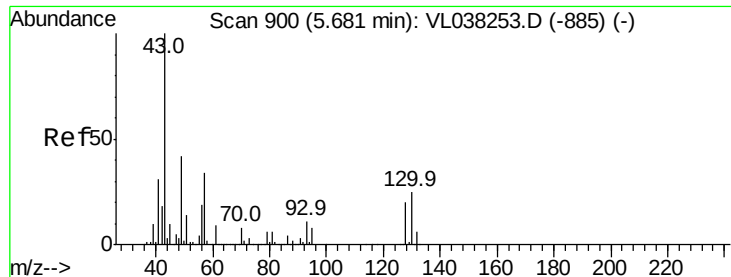
Ion Ratio Lower Upper

63 100

98 4.1 2.3 6.8

100 2.6 1.3 3.9



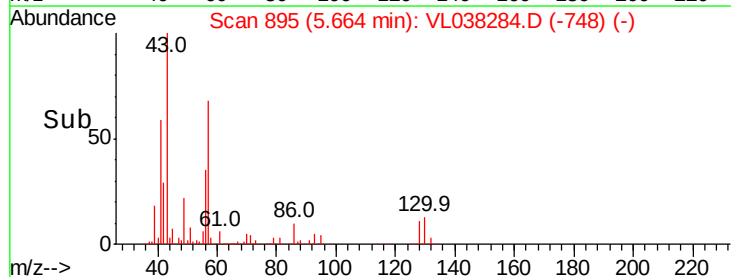
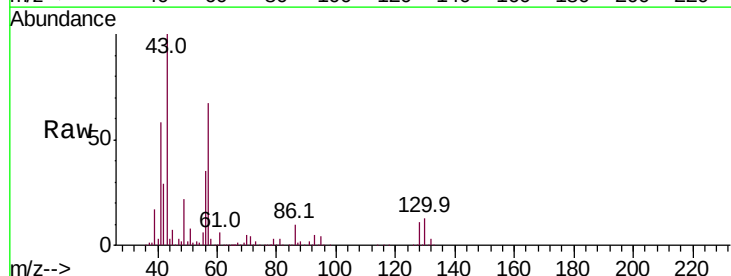
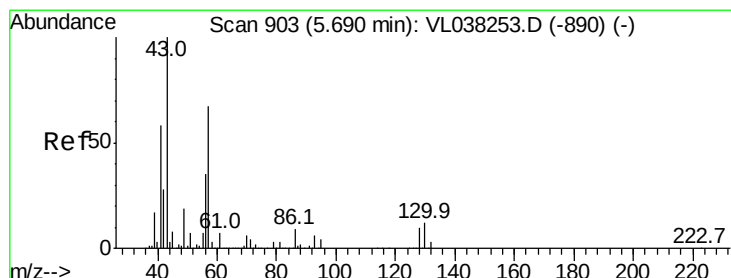
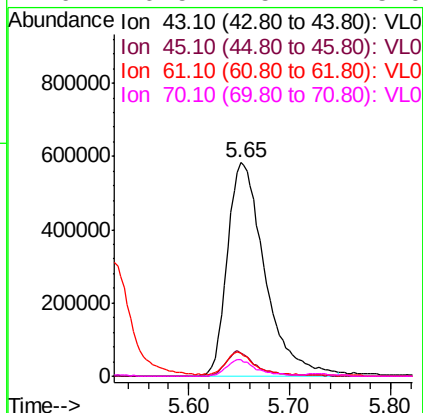


#25
Ethyl Acetate
Concen: 10.046 ppbv
RT: 5.65 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 26 Jan 2022 10:49

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 6.5 5.4 8.0

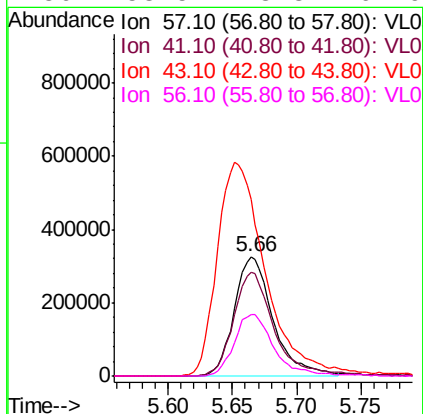
Manual Integrations
APPROVED

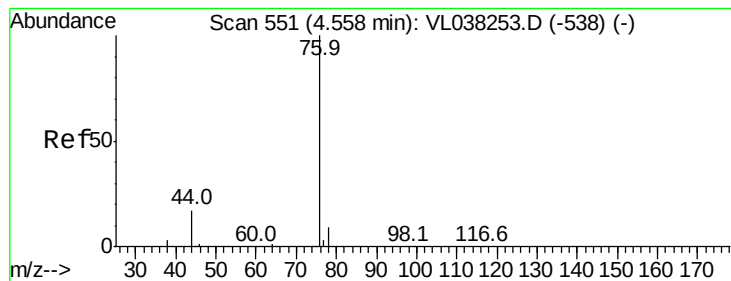
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#26
Hexane
Concen: 9.825 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 57 Resp: 682353
Ion Ratio Lower Upper
57 100
41 91.5 72.8 109.2
43 223.7 177.0 265.6
56 53.5 43.3 64.9





#27

Carbon Disulfide

Concen: 12.745 ppbv

RT: 4.53 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 26 Jan 2022 10:49 VSTDCCC010

Tot Ion:

Ion Ratio

76 100

44 18.

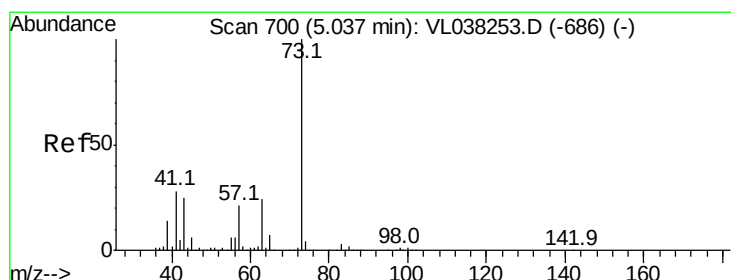
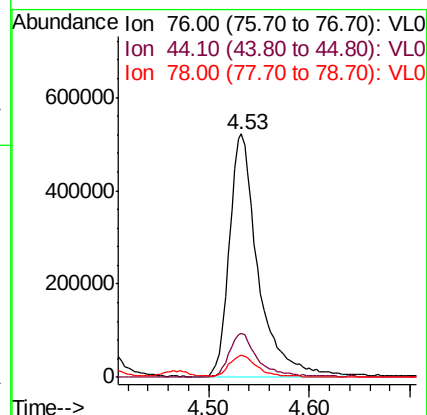
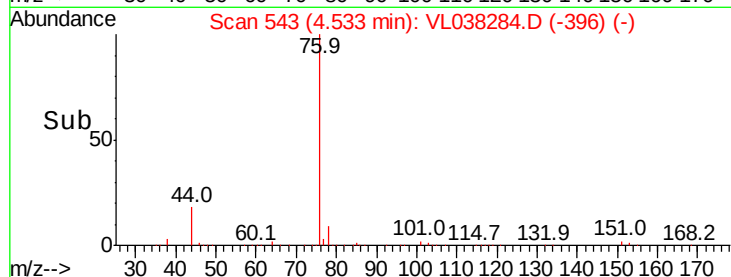
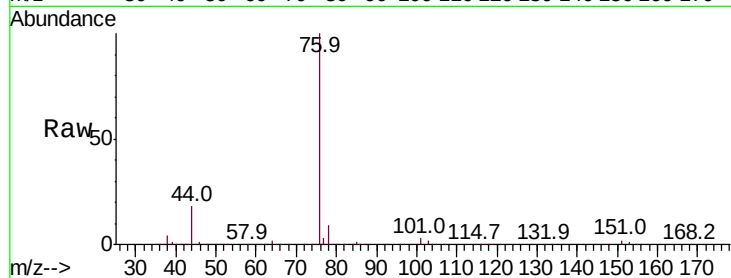
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#28

Methyl tert-Butyl Ether

Concen: 12.622 ppbv

RT: 5.01 min Scan# 692

Delta R.T. -0.03 min

Lab File: VL038284.D

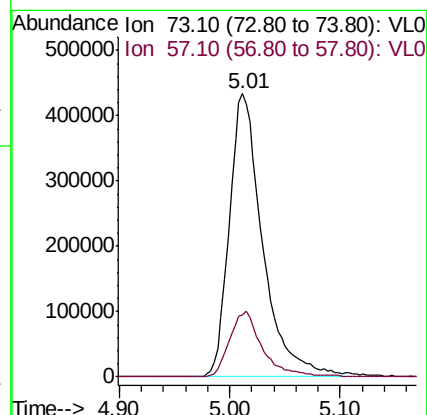
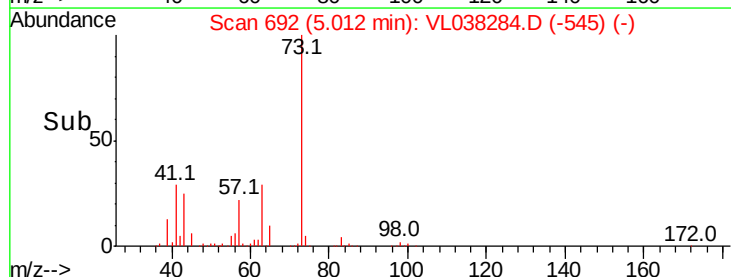
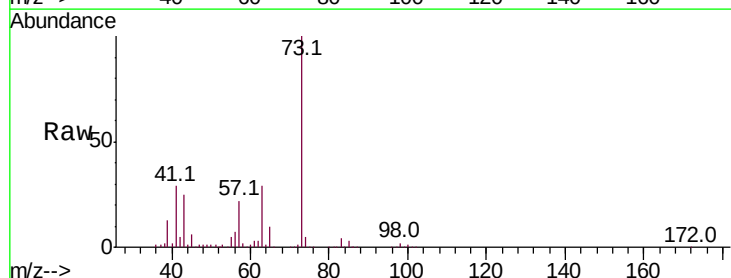
Acq: 26 Jan 2022 10:49

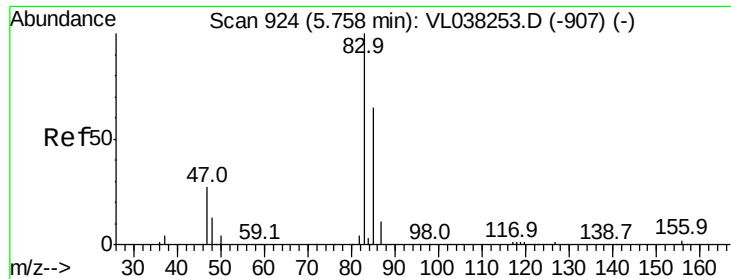
Tgt Ion: 73 Resp: 909356

Ion Ratio Lower Upper

73 100

57 23.1 18.2 27.4



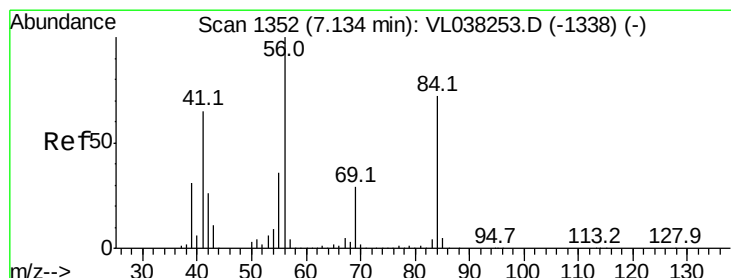
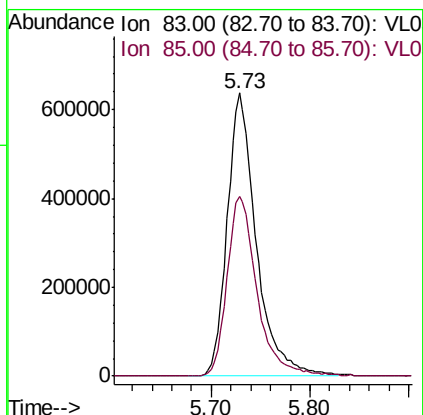
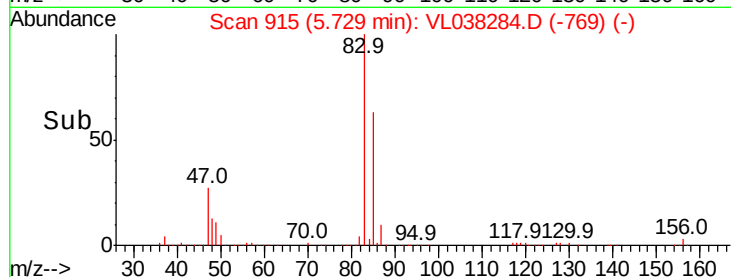
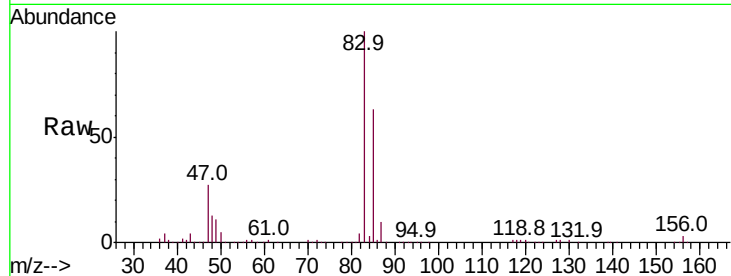


#29
Chloroform
Concen: 11.584 ppbv
RT: 5.73
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 26 Jan 2022 10:49

Tot Ion:
Ion Ratio
83 100
85 63.

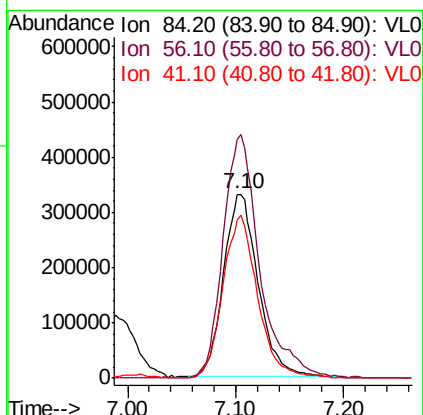
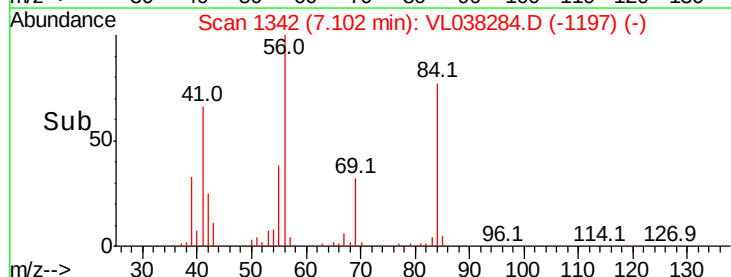
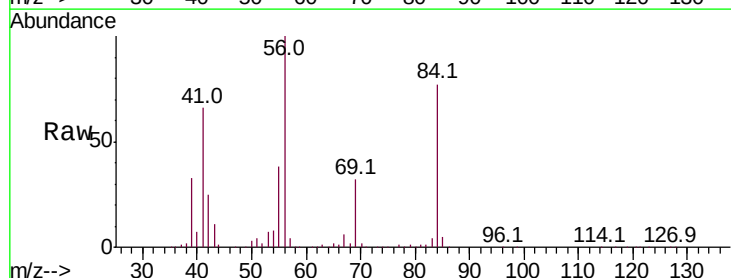
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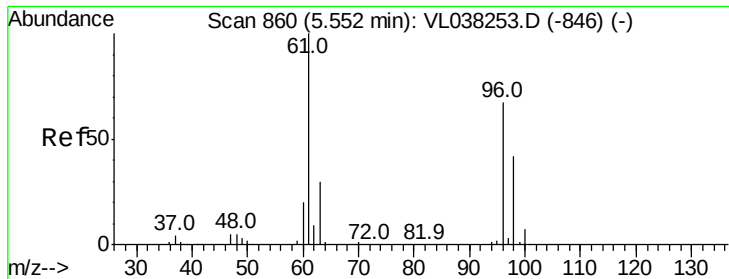
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#30
Cyclohexane
Concen: 12.181 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 84 Resp: 736578
Ion Ratio Lower Upper
84 100
56 142.2 112.7 169.1
41 90.1 71.1 106.7





#31

cis-1,2-Dichloroethene

Concen: 10.832 ppbv

RT: 5.52 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDCCC010

Acq: 26 Jan 2022 10:49

Tot Ion:

Ion Ratio

61 100

96 66.

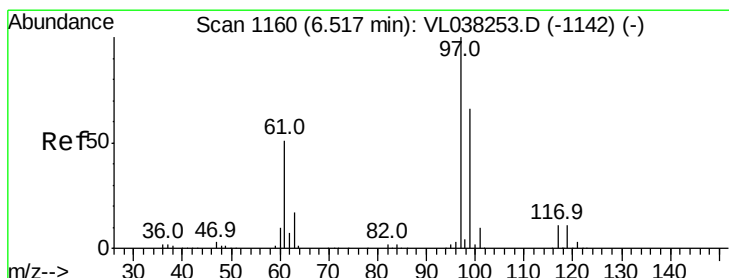
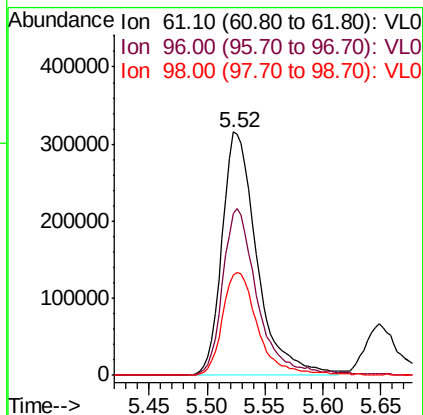
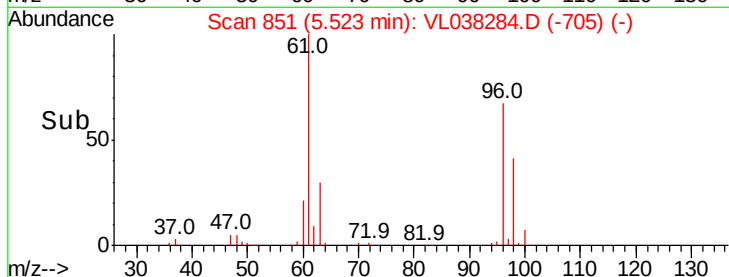
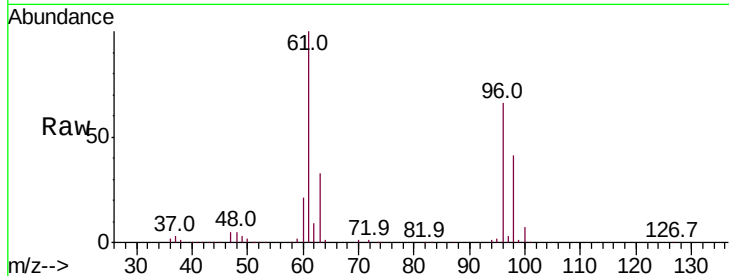
98 41.

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Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#32

1,1,1-Trichloroethane

Concen: 12.288 ppbv

RT: 6.48 min Scan# 1150

Delta R.T. -0.03 min

Lab File: VL038284.D

Acq: 26 Jan 2022 10:49

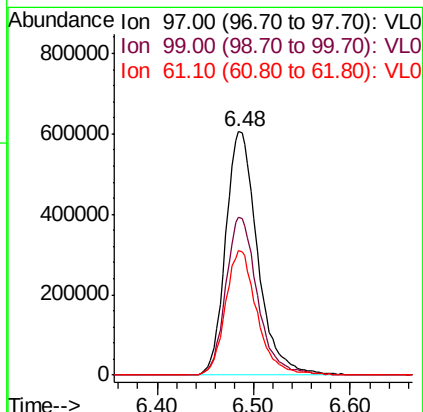
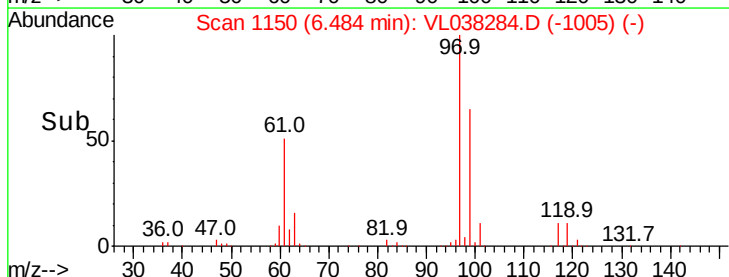
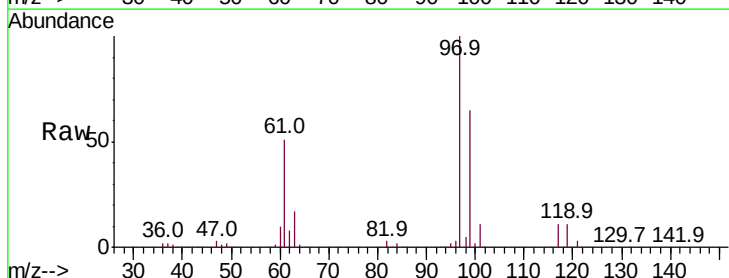
Tgt Ion: 97 Resp: 1391321

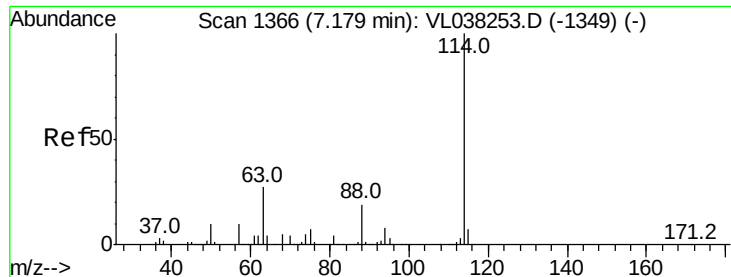
Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 51.0 40.5 60.7



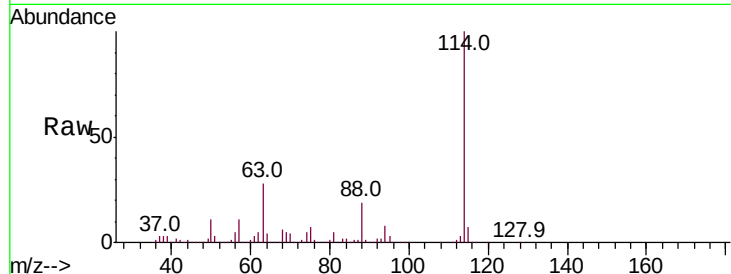


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 26 Jan 2022 10:49

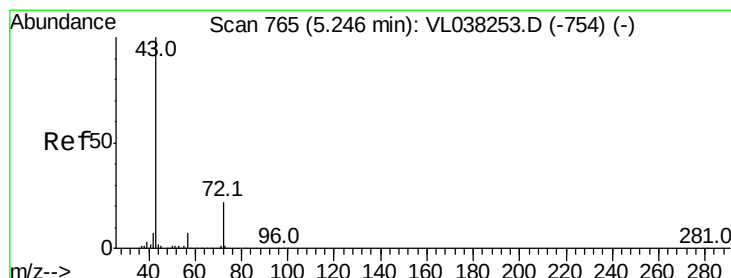
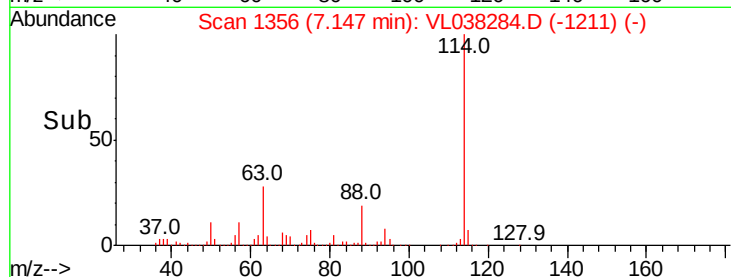
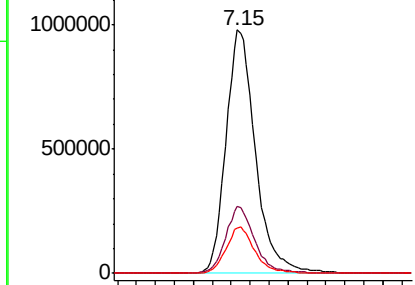
Tot Ion: 1
 Ion Ratio
 114 100
 63 27.1
 88 18.8

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 Supervised By : Mahesh Dadoda 01/28/2022

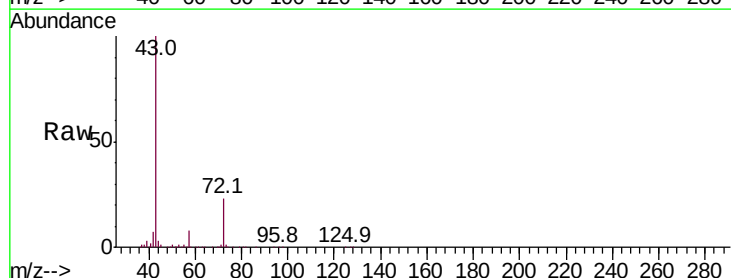


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

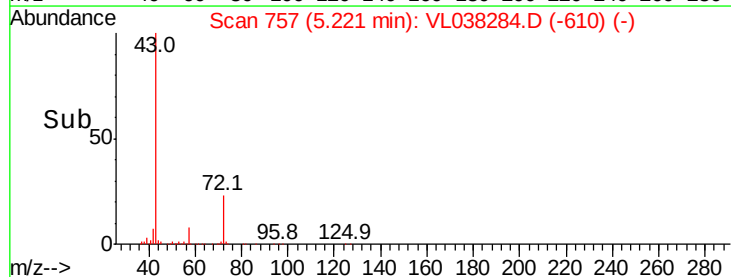
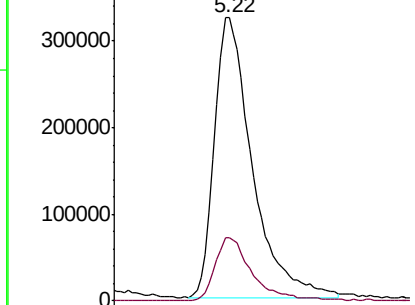


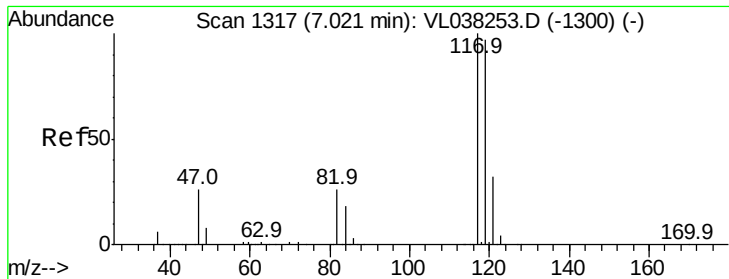
#34
 2-Butanone
 Concen: 9.735 ppbv
 RT: 5.22 min Scan# 757
 Delta R.T.: -0.03 min
 Lab File: VL038284.D
 Acq: 26 Jan 2022 10:49

Tgt Ion: 43 Resp: 674934
 Ion Ratio Lower Upper
 43 100
 72 22.6 18.1 27.1



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



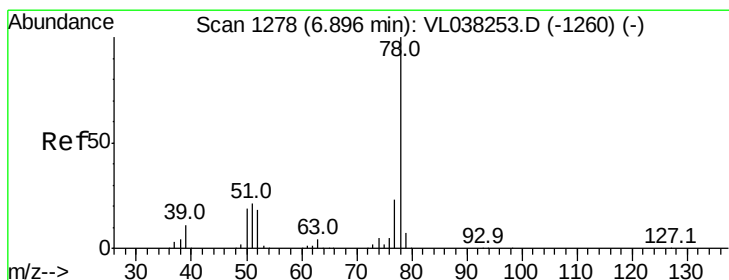
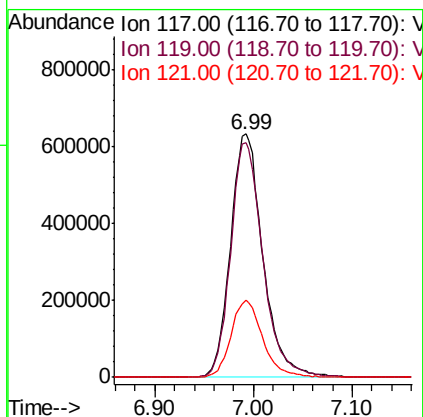
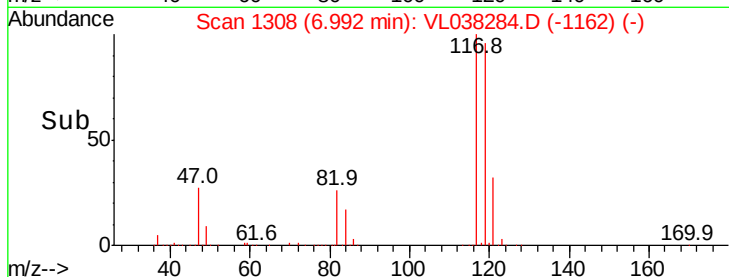
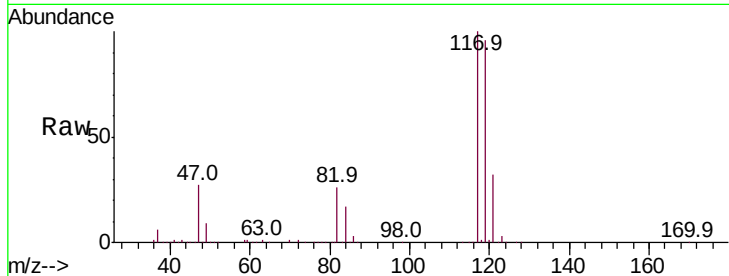


#35
Carbon Tetrachloride
Concen: 9.726 ppbv
RT: 6.99
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 26 Jan 2022 10:49

Tot Ion:1
Ion Rati
117 100
119 96.
121 31.

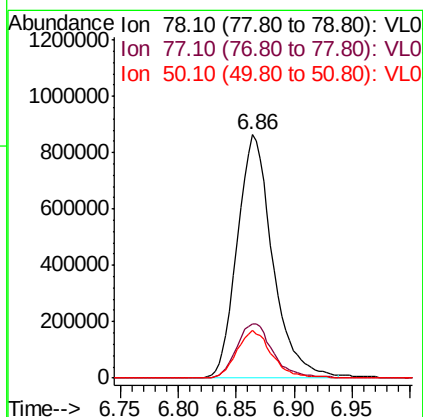
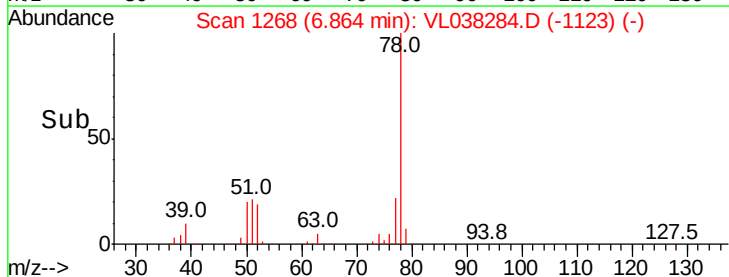
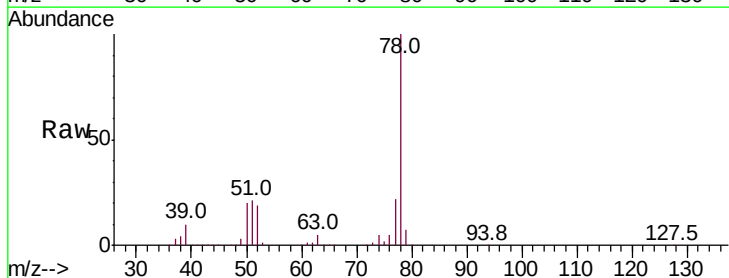
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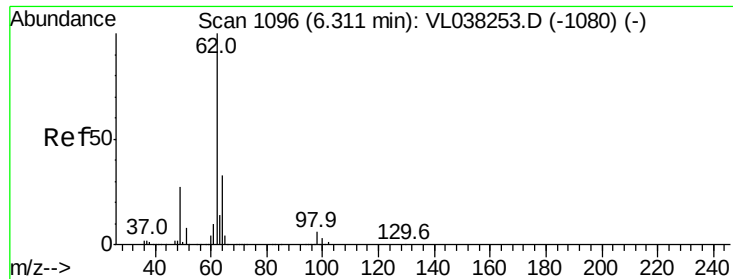
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#36
Benzene
Concen: 9.763 ppbv
RT: 6.86 min Scan# 1268
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 78 Resp: 1830905
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.2
50 19.5 15.1 22.7



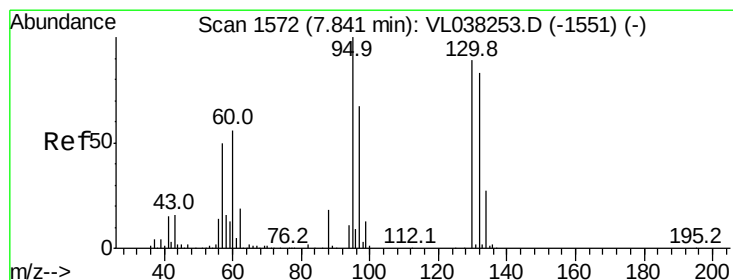
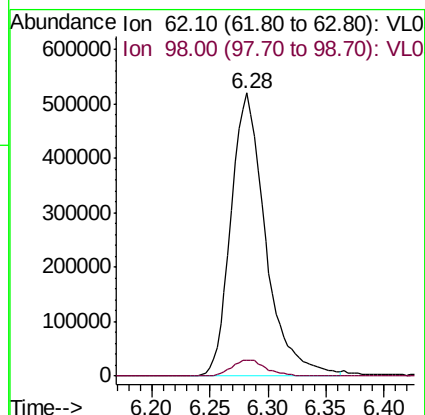
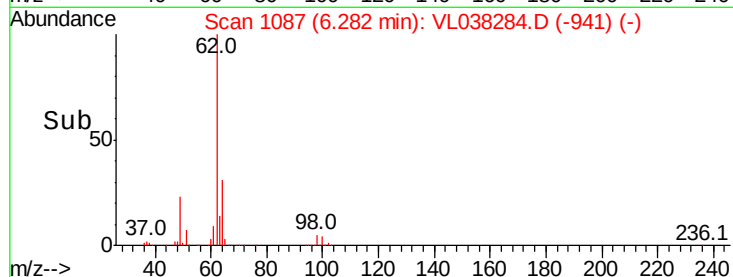
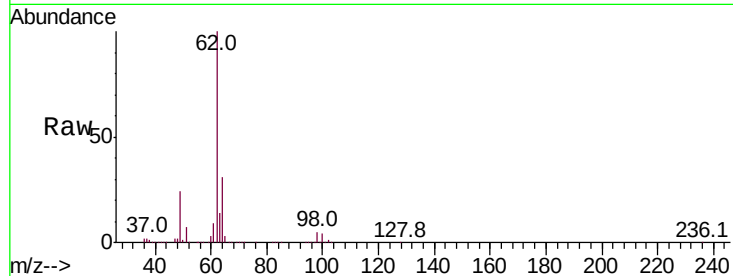


#37
 1,2-Dichloroethane
 Concen: 10.036 ppbv
 RT: 6.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 26 Jan 2022 10:49

Tot Ion:
 Ion Rati
 62 100
 98 5.

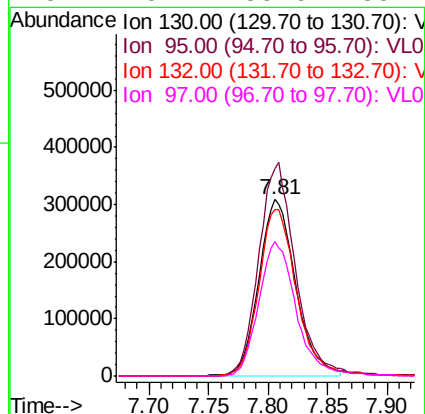
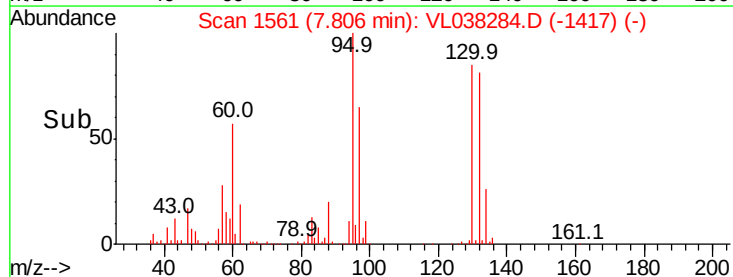
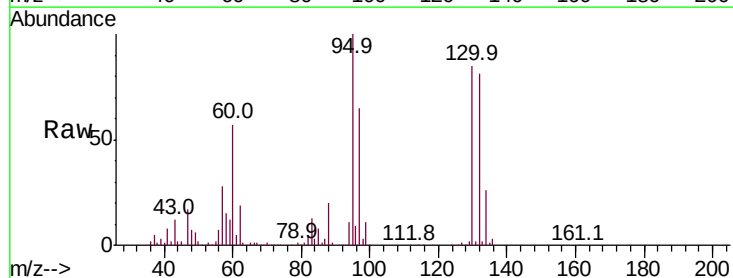
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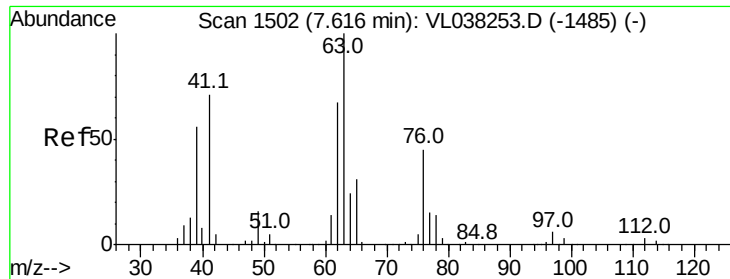
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#38
 Trichloroethene
 Concen: 9.482 ppbv
 RT: 7.81 min Scan# 1561
 Delta R.T. -0.04 min
 Lab File: VL038284.D
 Acq: 26 Jan 2022 10:49

Tgt Ion:130 Resp: 662442
 Ion Ratio Lower Upper
 130 100
 95 117.7 89.4 134.2
 132 94.8 74.6 111.8
 97 76.2 59.6 89.4



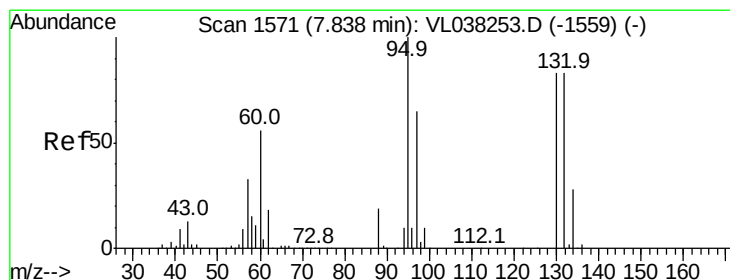
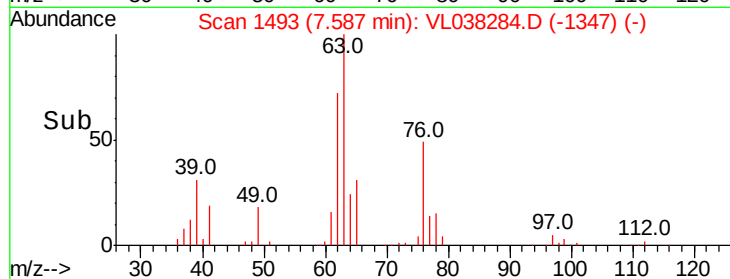
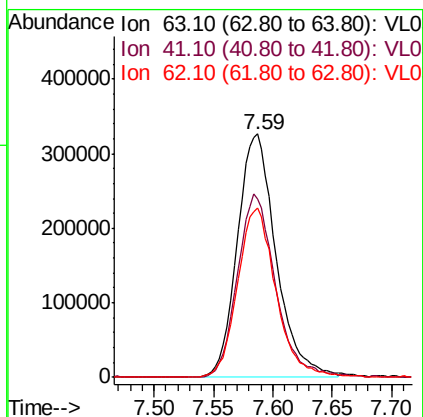
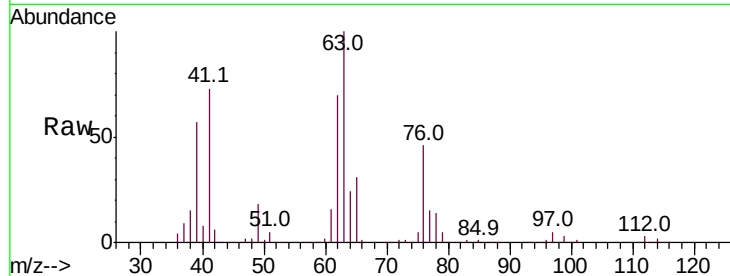


#39
 1,2-Dichloropropane
 Concen: 9.634 ppbv
 RT: 7.59
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 26 Jan 2022 10:49

Tot Ion:
 Ion Ratio
 63 100
 41 73.
 62 69.

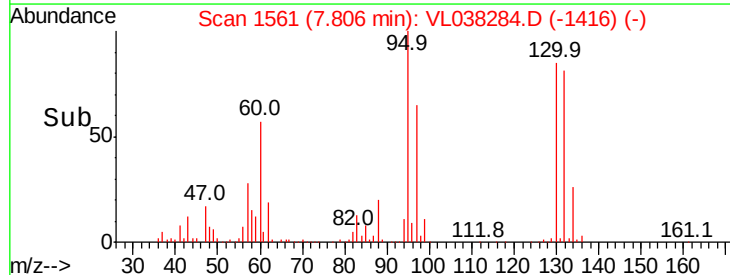
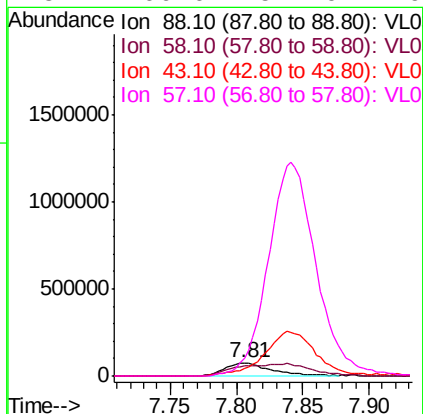
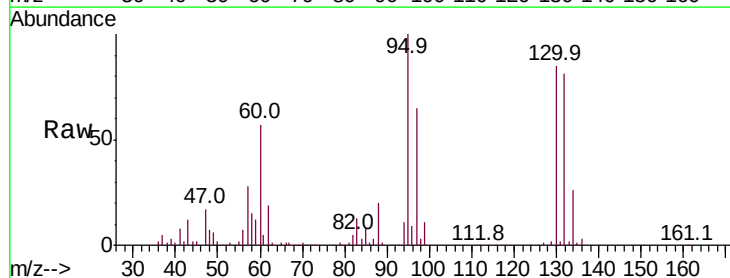
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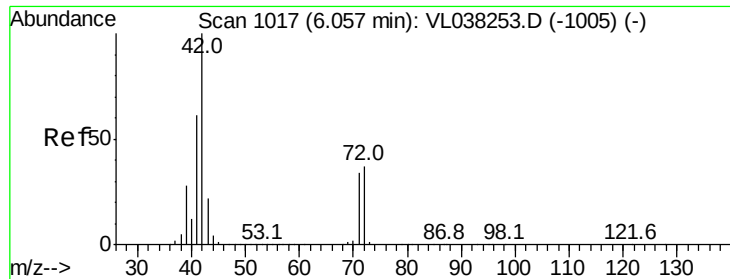
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#40
 1,4-Dioxane
 Concen: 9.659 ppbv
 RT: 7.81 min Scan# 1561
 Delta R.T. -0.03 min
 Lab File: VL038284.D
 Acq: 26 Jan 2022 10:49

Tgt Ion: 88 Resp: 176764
 Ion Ratio Lower Upper
 88 100
 58 160.4 138.6 208.0
 43 404.9 346.9 520.3
 57 1766.6 1527.9 2291.9





#41

Tetrahydrofuran

Concen: 9.860 ppbv

RT: 6.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 10:49

Tot Ion:

Ion Ratio

42 100

72 37.

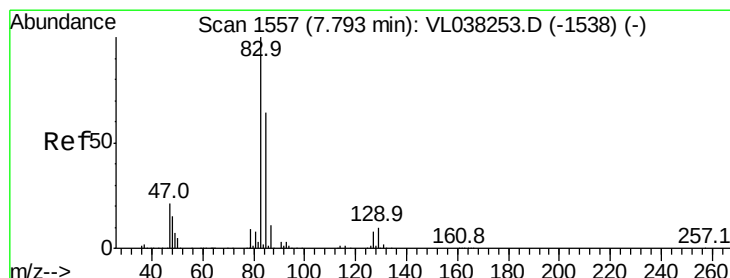
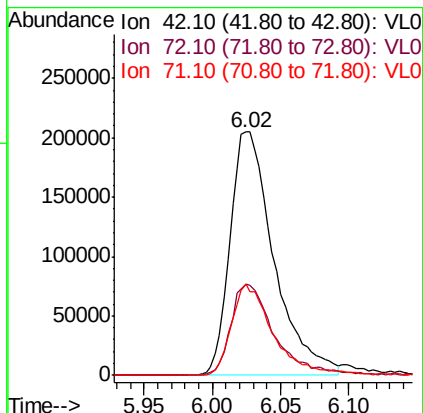
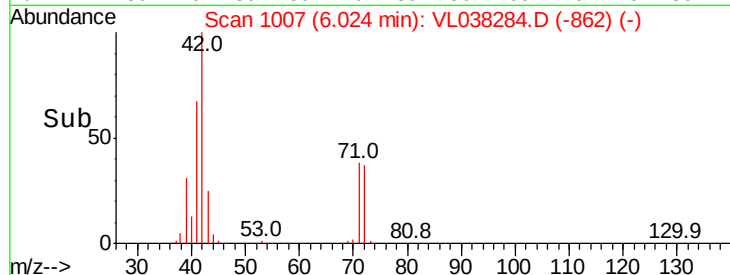
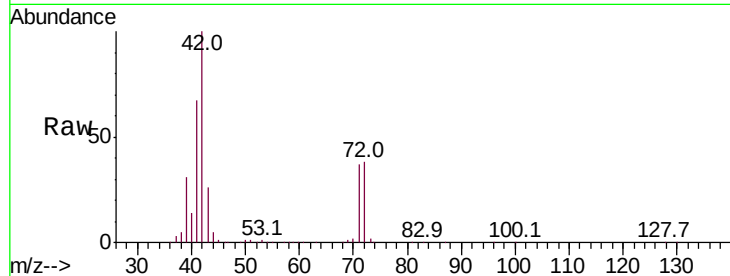
71 35.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#42

Bromodichloromethane

Concen: 9.788 ppbv

RT: 7.76 min Scan# 1547

Delta R.T. -0.03 min

Lab File: VL038284.D

Acq: 26 Jan 2022 10:49

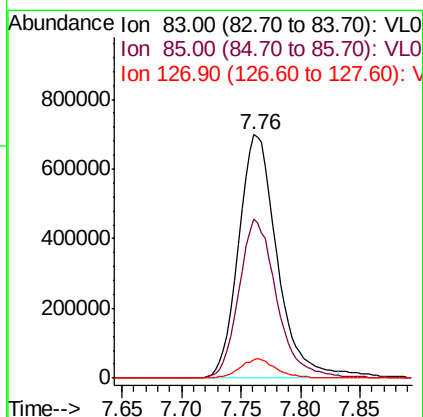
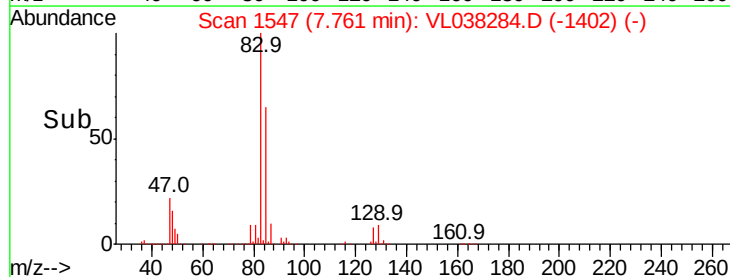
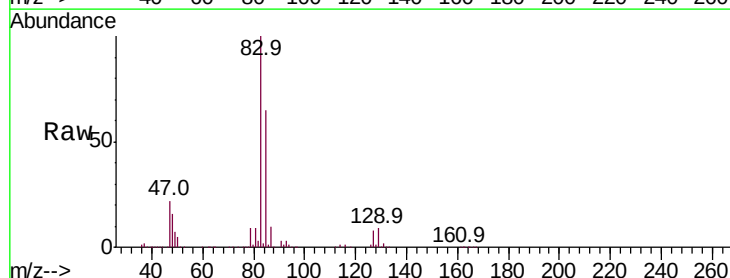
Tgt Ion: 83 Resp: 1559917

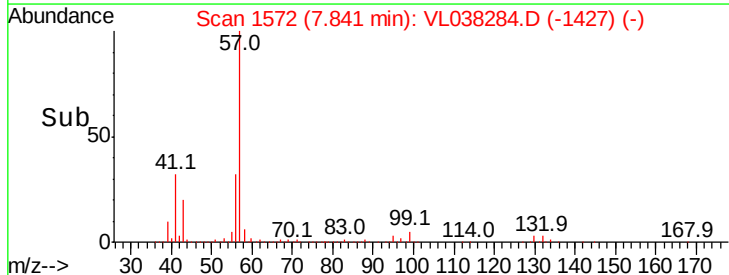
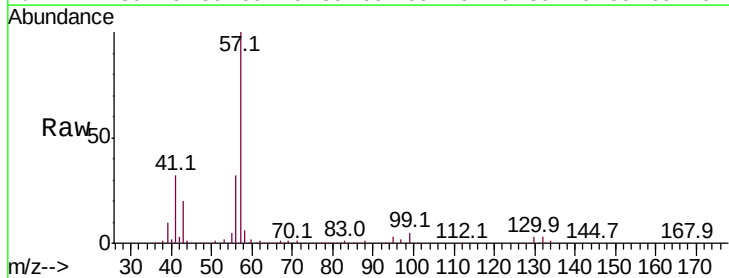
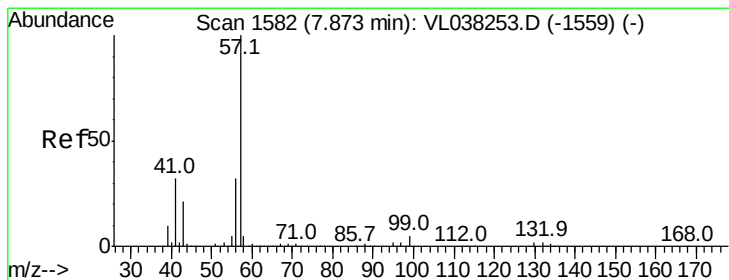
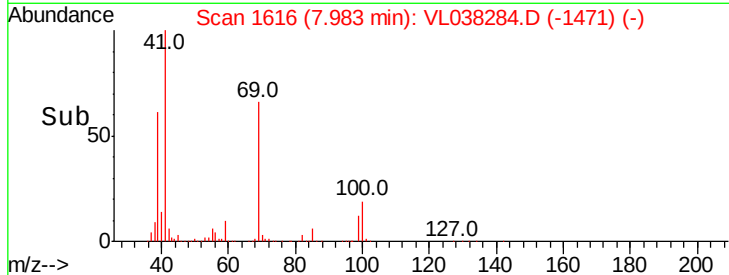
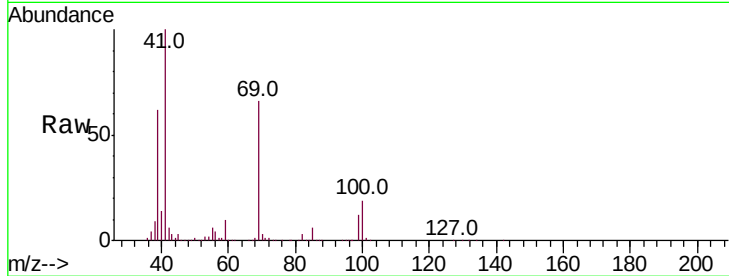
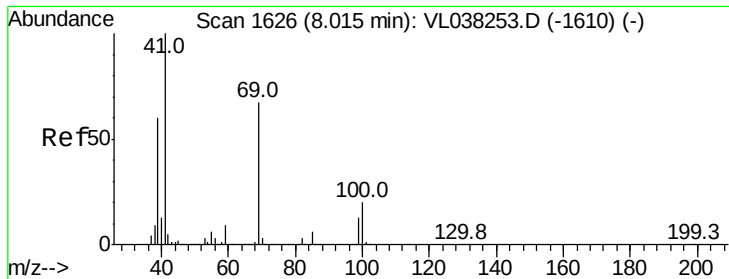
Ion Ratio Lower Upper

83 100

85 65.2 51.5 77.3

127 7.6 6.2 9.4





#43

Methyl Methacrylate

Concen: 10.374 ppbv

RT: 7.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 26 Jan 2022 10:49 VSTDCCC010

Tot Ion:

Ion Ratio

69 100

41 152.

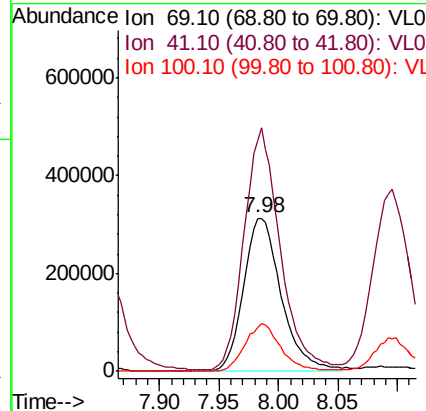
100 29.

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Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#44

2,2,4-Trimethylpentane

Concen: 9.409 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. -0.03 min

Lab File: VL038284.D

Acq: 26 Jan 2022 10:49

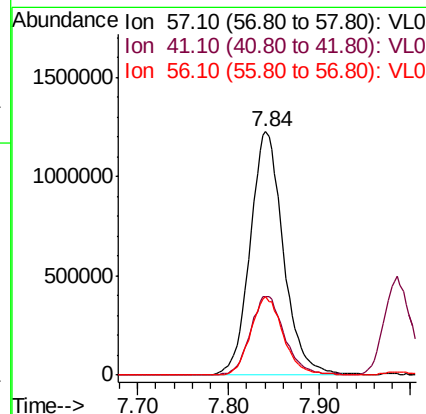
Tgt Ion: 57 Resp: 3109751

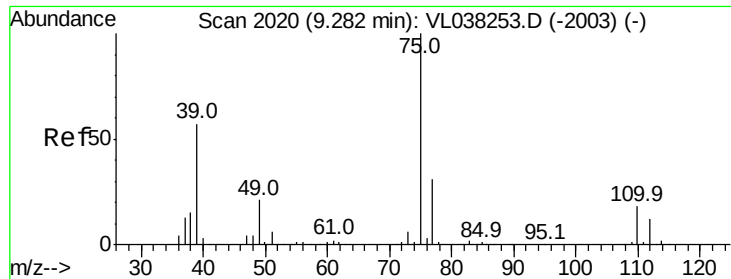
Ion Ratio Lower Upper

57 100

41 33.3 26.3 39.5

56 31.4 25.2 37.8



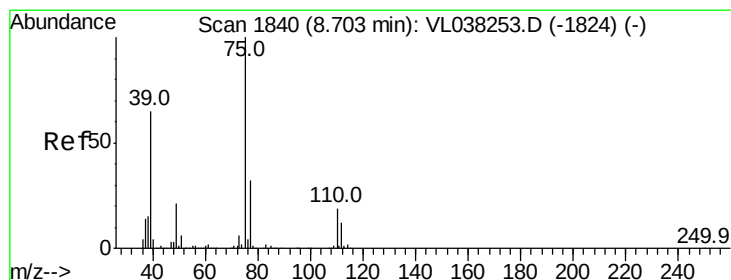
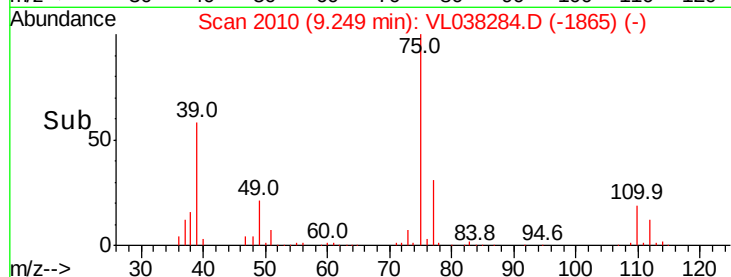
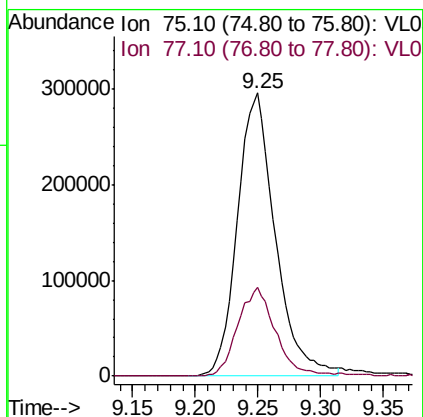
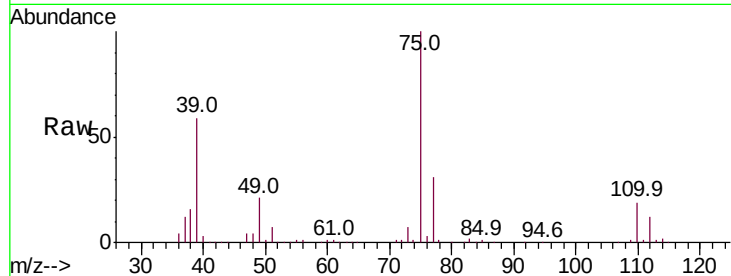


#45
 t-1,3-Dichloropropene
 Concen: 11.455 ppbv
 RT: 9.25
 Instrument : MSVOA_L
 Delta R.T. :
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 26 Jan 2022 10:49

Tot Ion:
 Ion Ratio
 75 100
 77 31.

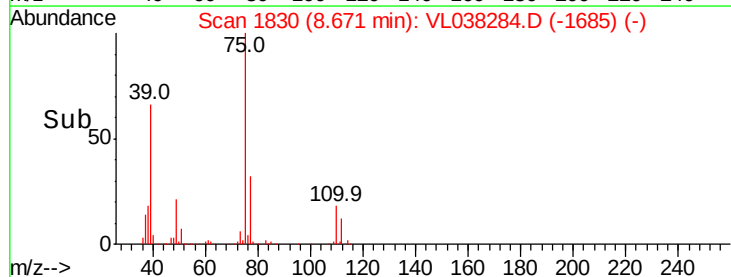
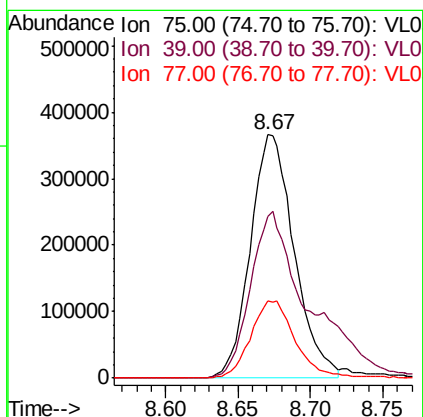
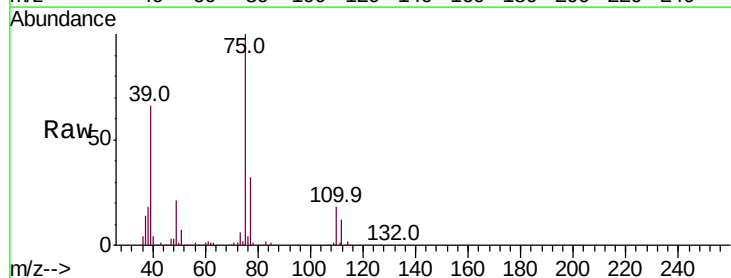
Manual Integrations
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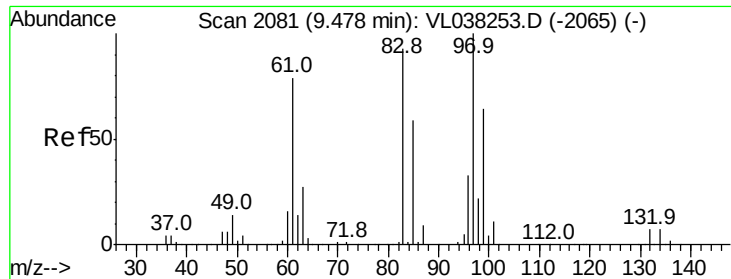
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#46
 cis-1,3-Dichloropropene
 Concen: 10.697 ppbv
 RT: 8.67 min Scan# 1830
 Delta R.T. -0.03 min
 Lab File: VL038284.D
 Acq: 26 Jan 2022 10:49

Tgt Ion: 75 Resp: 769239
 Ion Ratio Lower Upper
 75 100
 39 66.2 52.3 78.5
 77 31.7 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 9.767 ppbv

RT: 9.45

Instrument: MSVOA_L

Delta R.T.:

ClientSampleId:

Lab File: VSTDCCC010

Acq: 26 Jan 2022 10:49

Tot Ion:

Ion Ratio

97 100

83 92.

85 60.

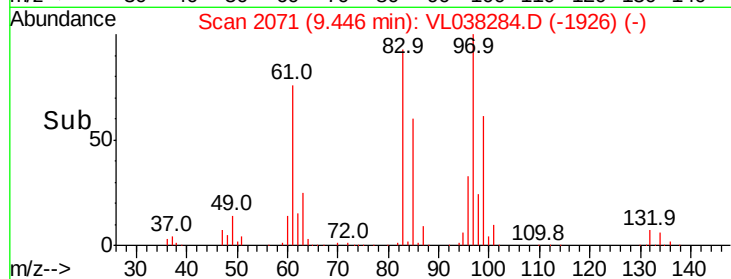
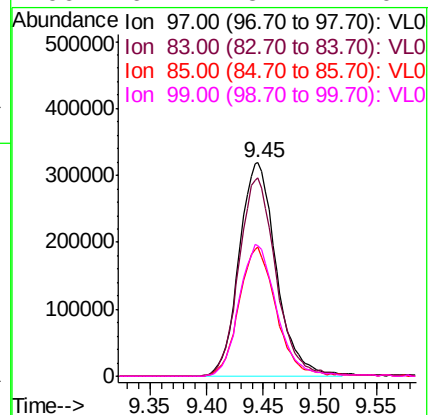
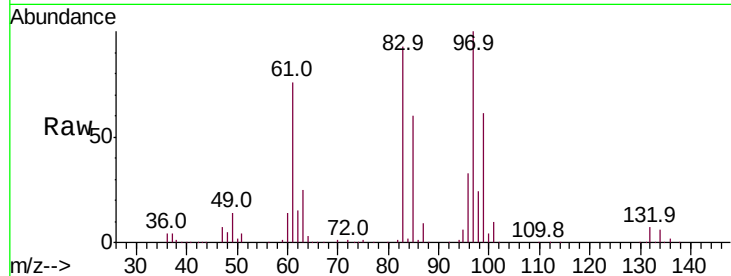
99 61.4 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#48

Dibromochloromethane

Concen: 9.763 ppbv

RT: 10.27 min Scan# 2328

Delta R.T. -0.04 min

Lab File: VL038284.D

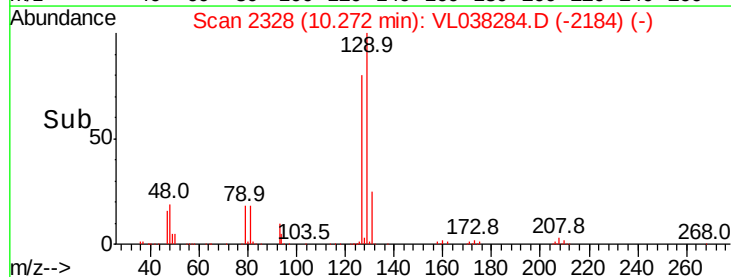
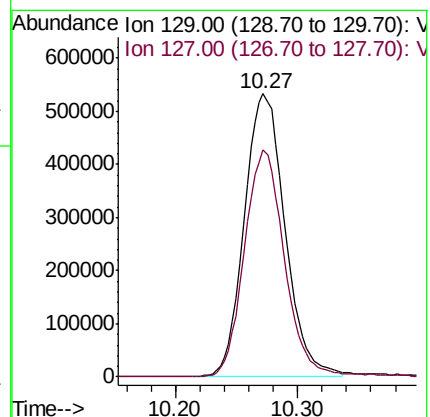
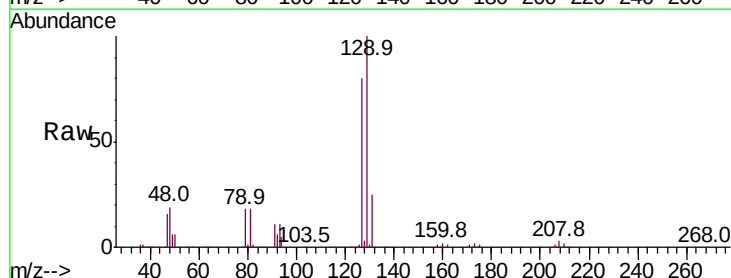
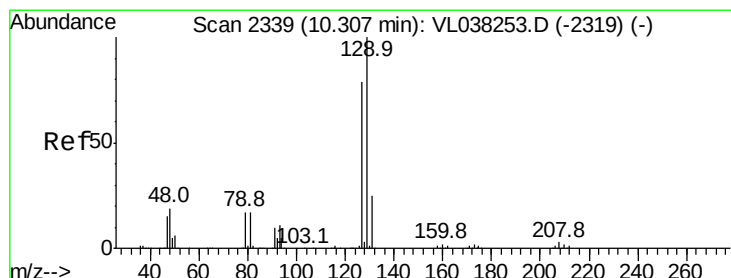
Acq: 26 Jan 2022 10:49

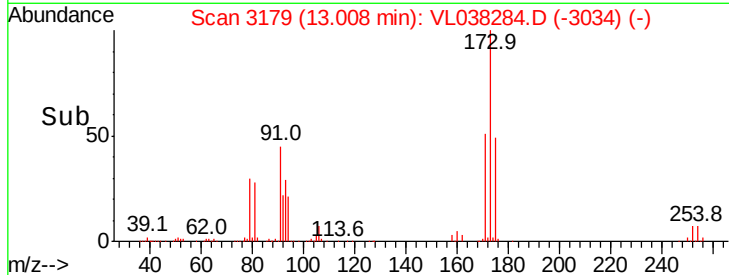
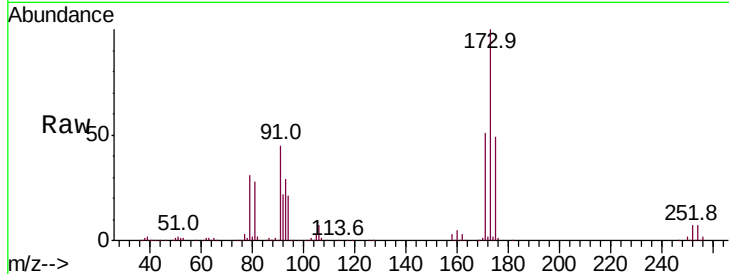
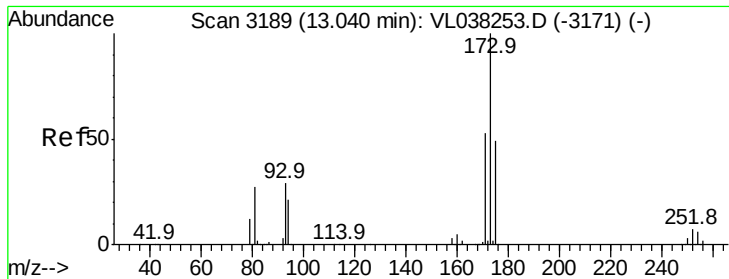
Tgt Ion:129 Resp: 1227941

Ion Ratio Lower Upper

129 100

127 80.2 39.1 117.3





#49

Bromoform

Concen: 9.633 ppbv

RT: 13.01

Delta R.T.

Lab File:

Acq: 26 Jan 2022 10:49

Instrument:

MSVOA_L

ClientSampleId:

VSTDCCC010

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022

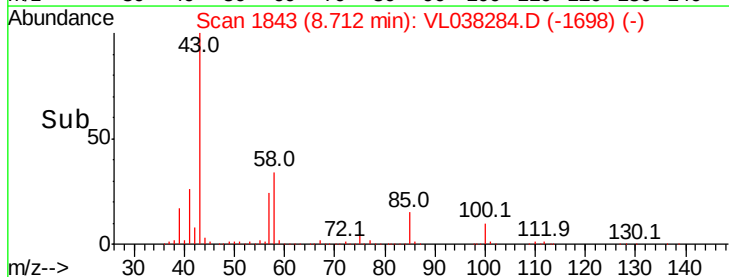
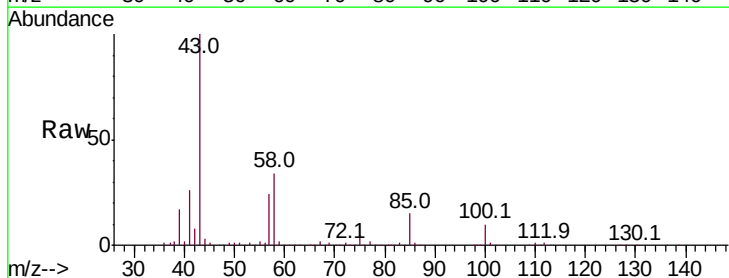
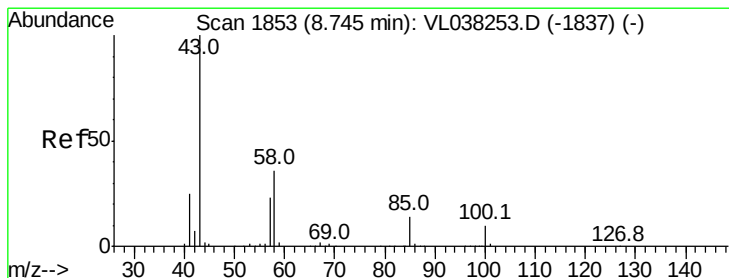
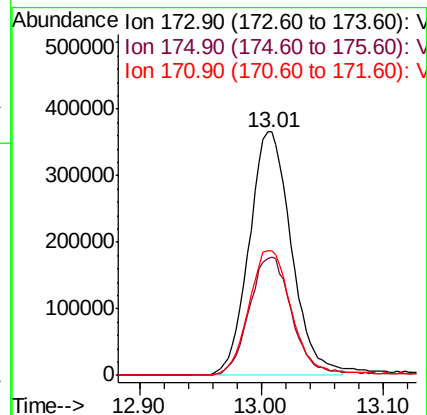
Tot Ion:1

Ion Rati

173 100

175 51.

171 53.



#50

4-Methyl-2-Pentanone

Concen: 10.140 ppbv

RT: 8.71 min Scan# 1843

Delta R.T. -0.03 min

Lab File: VL038284.D

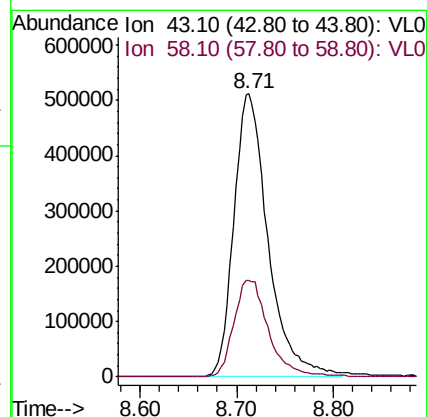
Acq: 26 Jan 2022 10:49

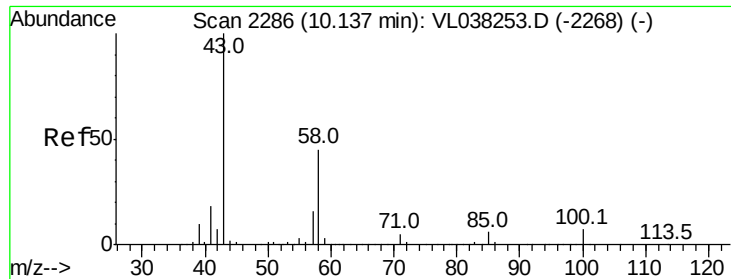
Tgt Ion: 43 Resp: 1254143

Ion Ratio Lower Upper

43 100

58 35.2 28.2 42.4



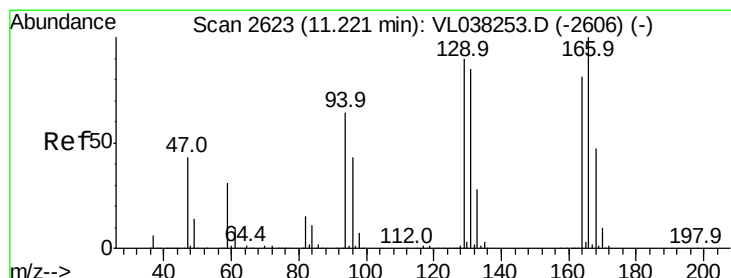
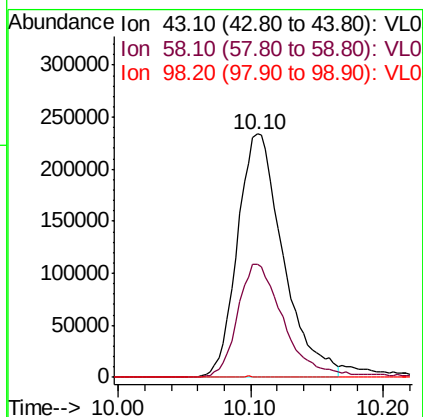
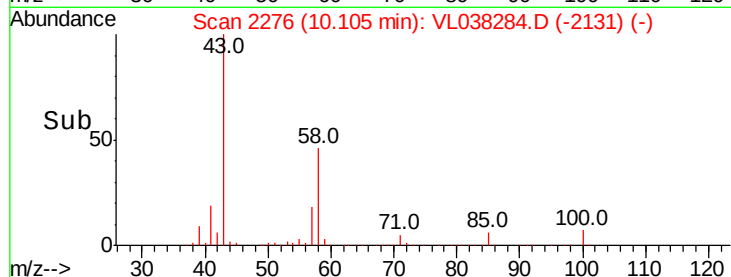
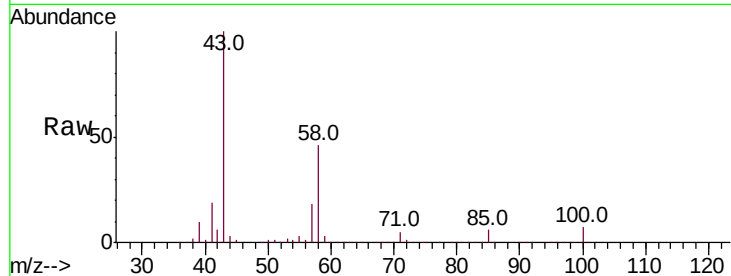


#51
2-Hexanone
Concen: 10.242 ppbv
RT: 10.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 26 Jan 2022 10:49

Tot Ion:
Ion Ratio
43 100
58 48.1
98 0.1

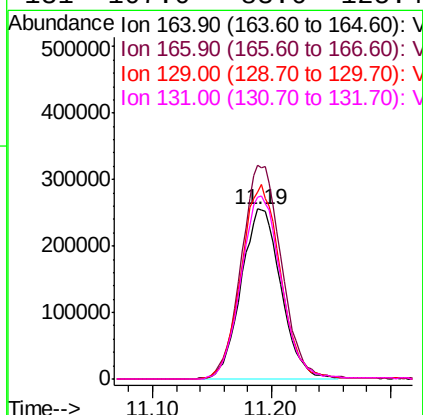
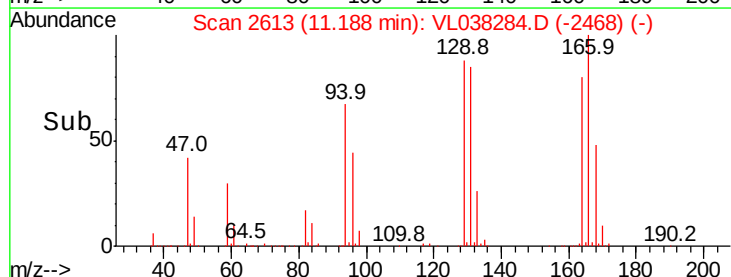
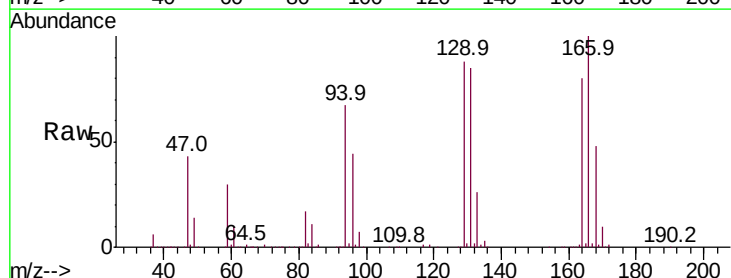
Manual Integrations
APPROVED

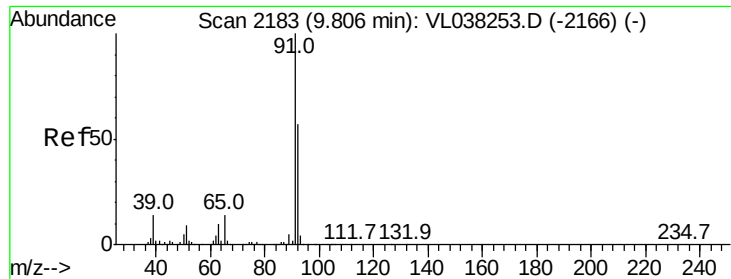
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#52
Tetrachloroethene
Concen: 9.168 ppbv
RT: 11.19 min Scan# 2613
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:164 Resp: 592541
Ion Ratio Lower Upper
164 100
166 125.7 98.8 148.2
129 110.2 89.2 133.8
131 107.0 83.6 125.4





#53

Toluene

Concen: 9.873 ppbv

RT: 9.77

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 10:49 VSTDCCC010

Tot Ion:

Ion Ratio

91 100

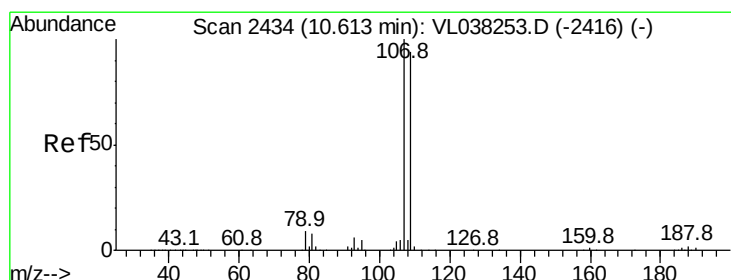
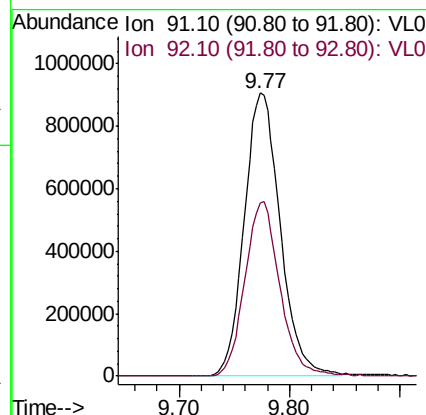
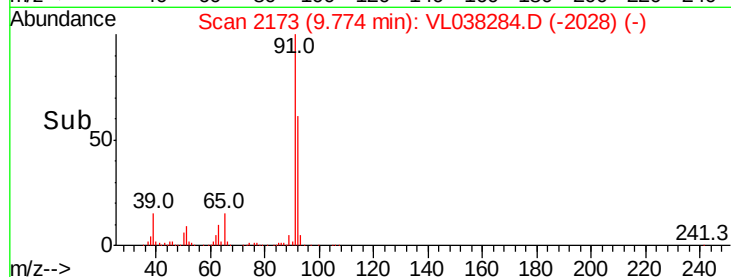
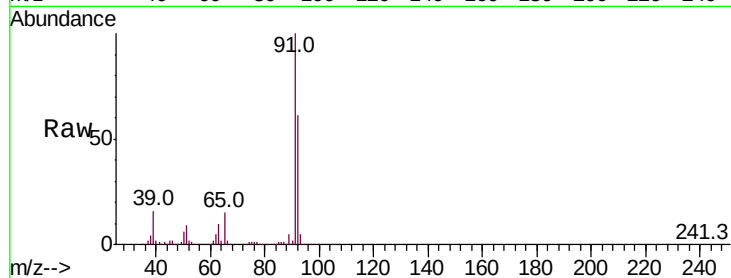
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#54

1,2-Dibromoethane

Concen: 10.080 ppbv

RT: 10.58 min Scan# 2423

Delta R.T. -0.04 min

Lab File: VL038284.D

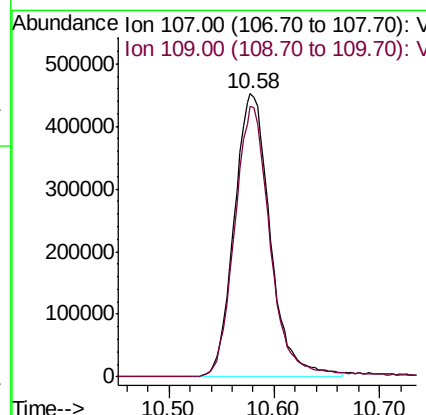
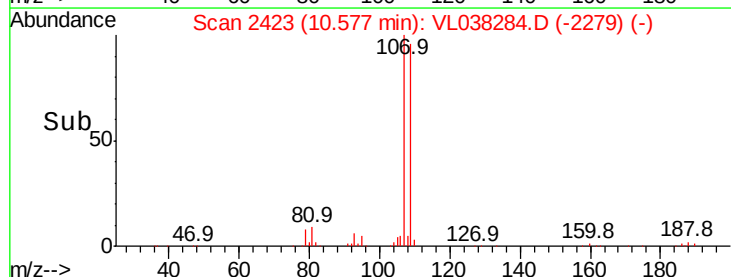
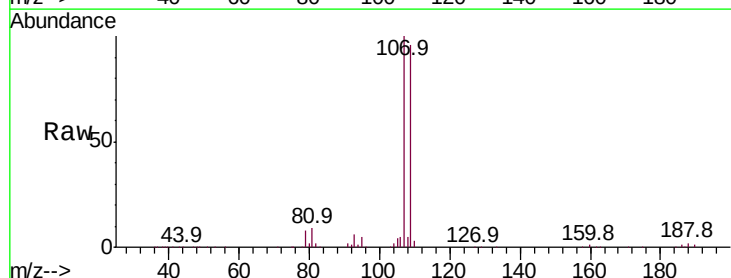
Acq: 26 Jan 2022 10:49

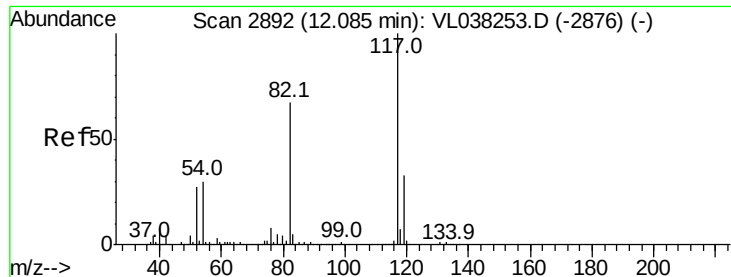
Tgt Ion:107 Resp: 1070667

Ion Ratio Lower Upper

107 100

109 95.6 75.4 113.0



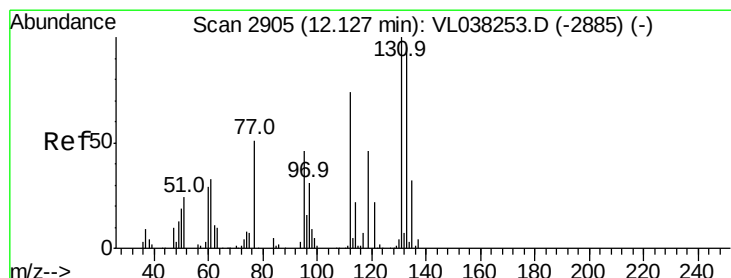
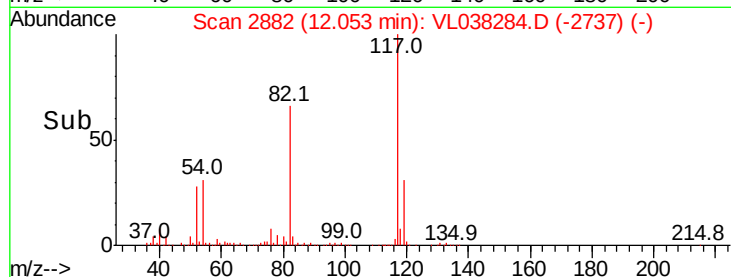
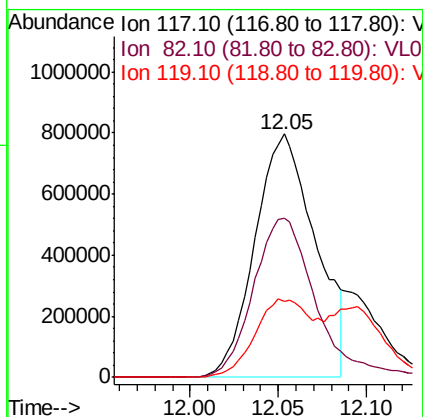
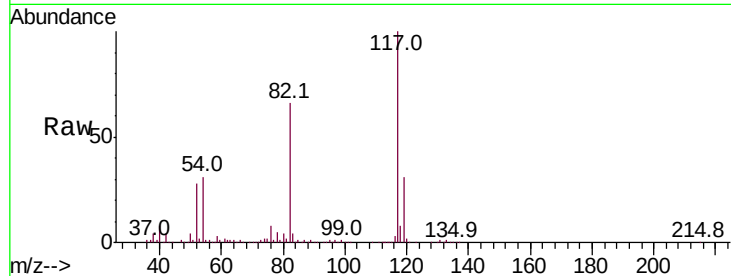


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.05
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 26 Jan 2022 10:49

Tot Ion:1
Ion Rati
117 100
82 68.
119 29.

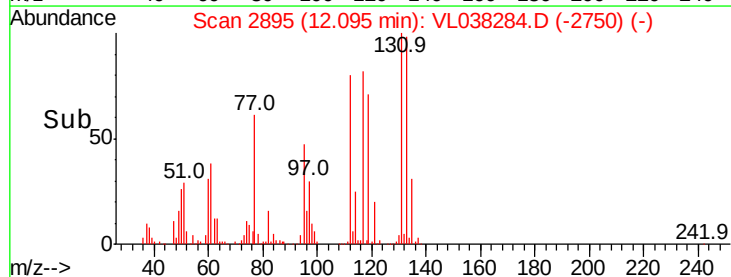
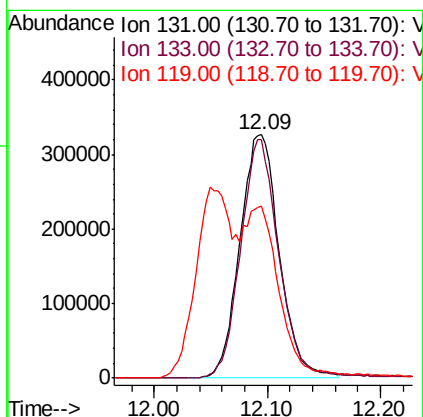
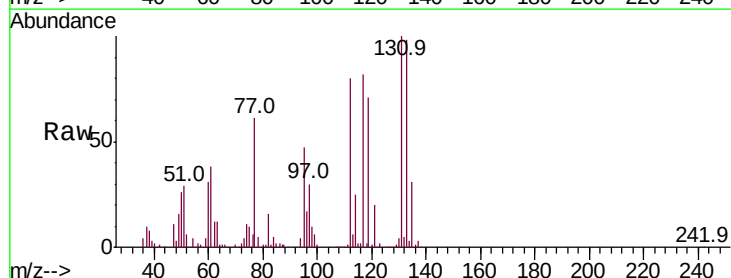
Manual Integrations
APPROVED

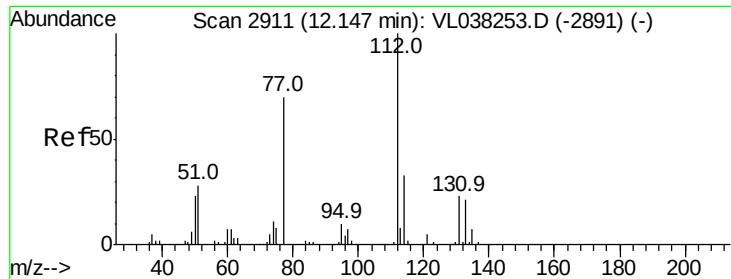
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.456 ppbv
RT: 12.09 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion:131 Resp: 787348
Ion Ratio Lower Upper
131 100
133 96.0 76.0 114.0
119 74.5 53.0 79.4





#57

Chlorobenzene

Concen: 9.373 ppbv

RT: 12.11

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 10:49

Tot Ion:1

Ion Rati

112 100

77 71.

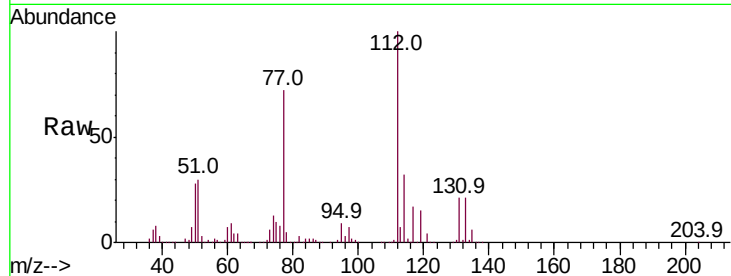
114 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/27/2022

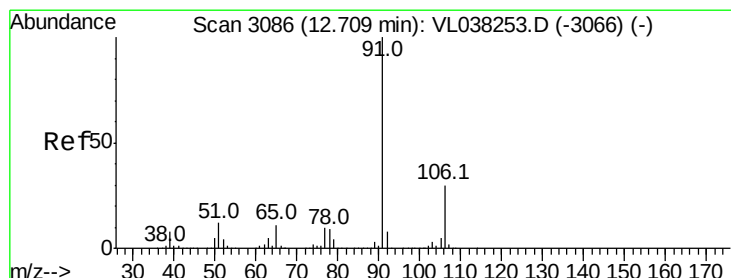
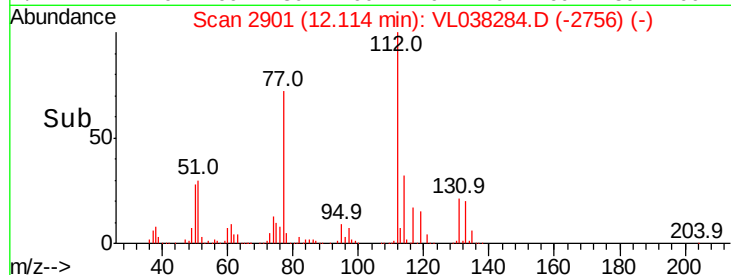
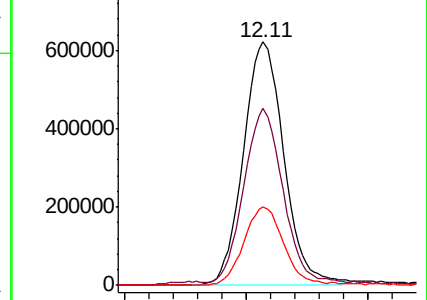
Supervised By :Mahesh Dadoda 01/28/2022



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: 9.623 ppbv

RT: 12.68 min Scan# 3076

Delta R.T. -0.03 min

Lab File: VL038284.D

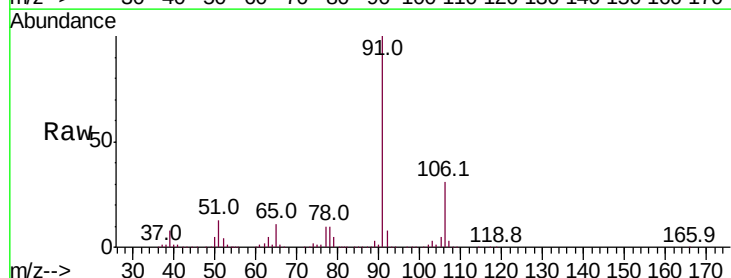
Acq: 26 Jan 2022 10:49

Tgt Ion: 91 Resp: 2690405

Ion Ratio Lower Upper

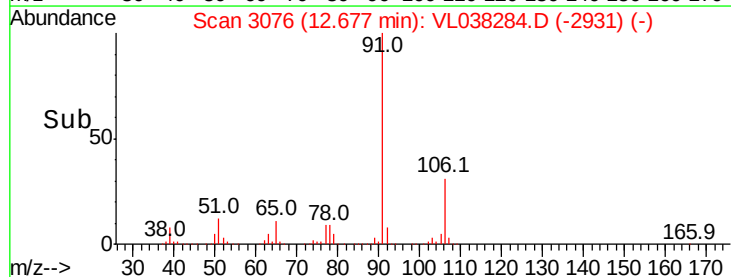
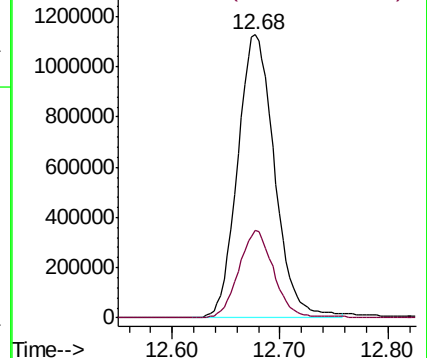
91 100

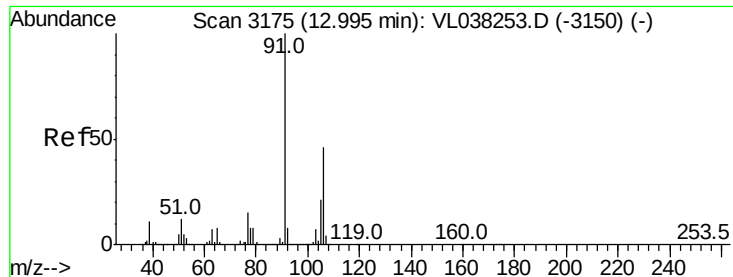
106 30.9 24.1 36.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



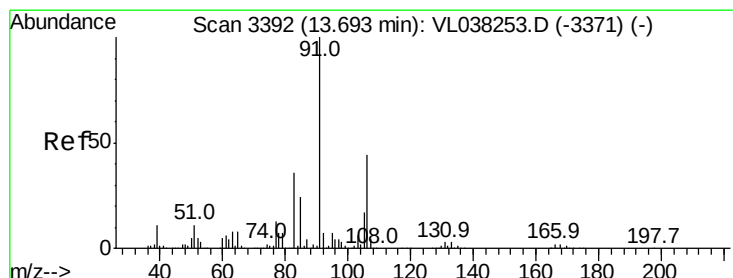
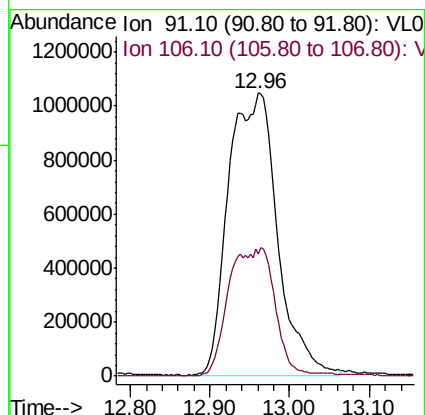
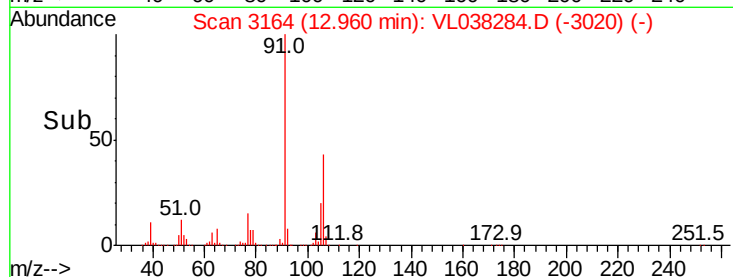
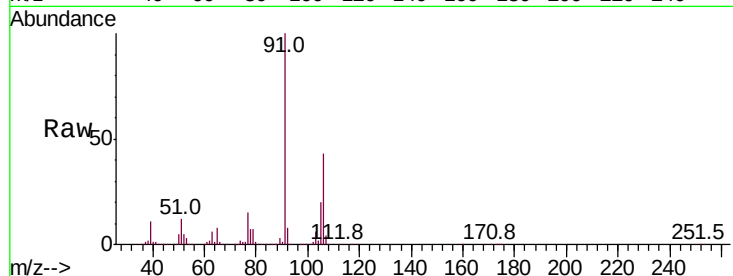


#59
m/p-Xylene
Concen: 18.856 ppbv m
RT: 12.96
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 26 Jan 2022 10:49 VSTDCCC010

Tot Ion:
Ion Ratio
91 100
106 43.

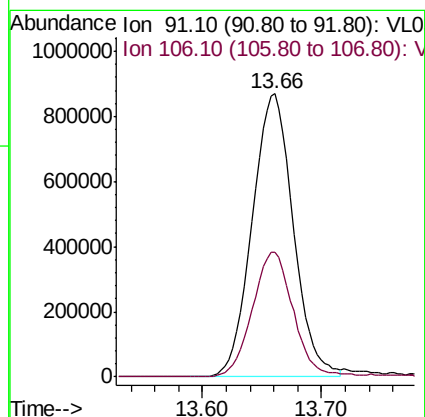
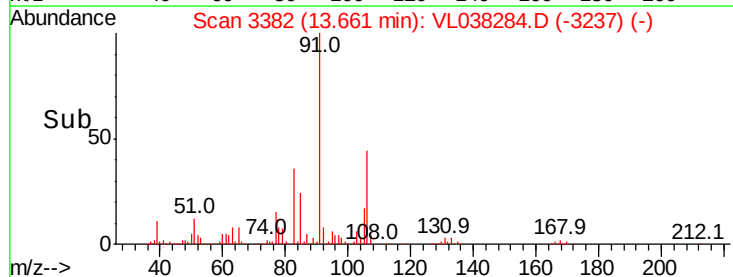
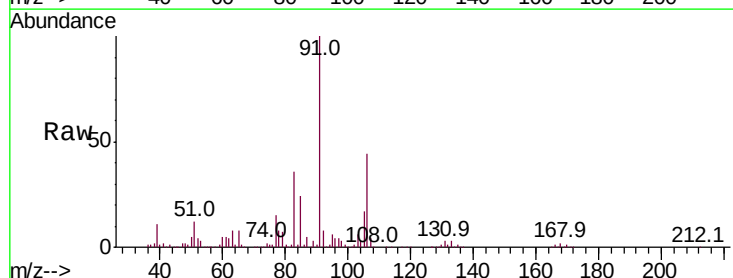
Manual Integrations
APPROVED

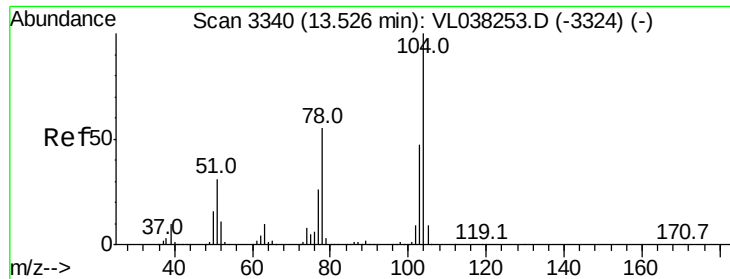
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#60
o-Xylene
Concen: 9.357 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 91 Resp: 2075809
Ion Ratio Lower Upper
91 100
106 45.0 22.2 66.6





#61

Stvrene

Concen: 10.437 ppbv

RT: 13.49

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 10:49

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022

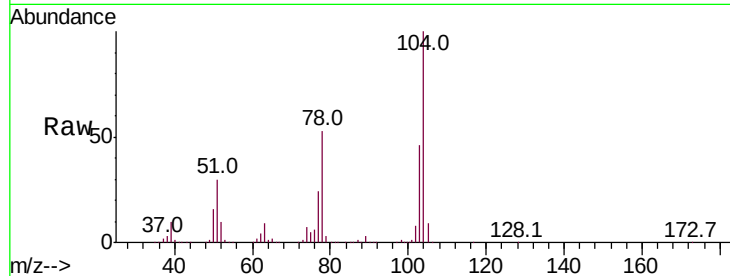
Tot Ion:1

Ion Rati

104 100

78 56.

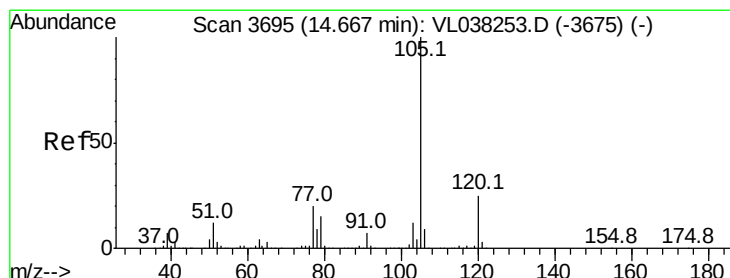
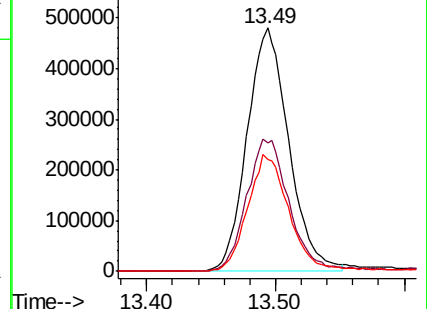
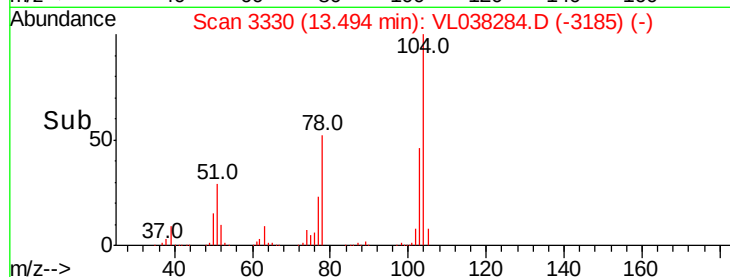
103 48.



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.380 ppbv

RT: 14.64 min Scan# 3685

Delta R.T. -0.03 min

Lab File: VL038284.D

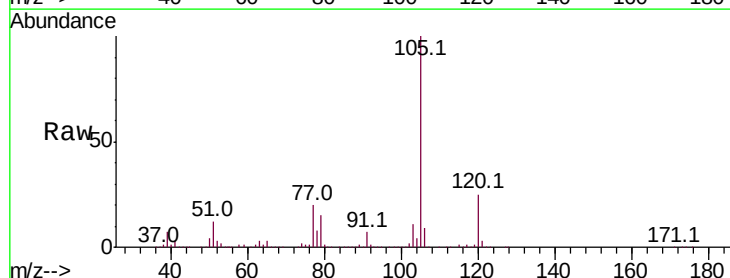
Acq: 26 Jan 2022 10:49

Tgt Ion:105 Resp: 2774398

Ion Ratio Lower Upper

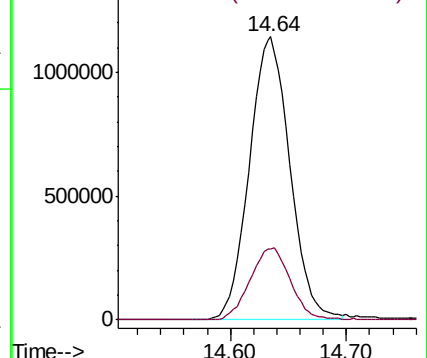
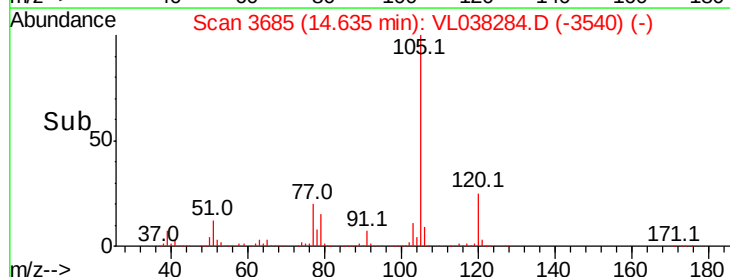
105 100

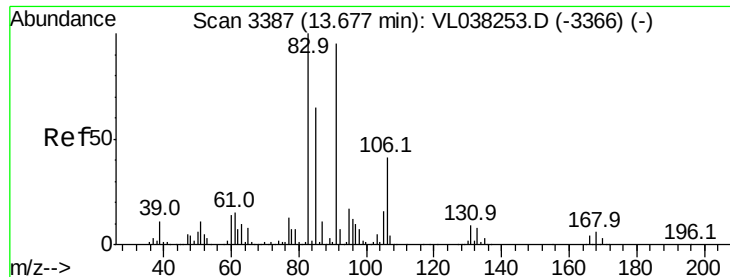
120 25.6 20.5 30.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 8.743 ppbv

RT: 13.64

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 10:49 VSTDCCC010

Tot Ion:

Ion Ratio

83 100

131 8.

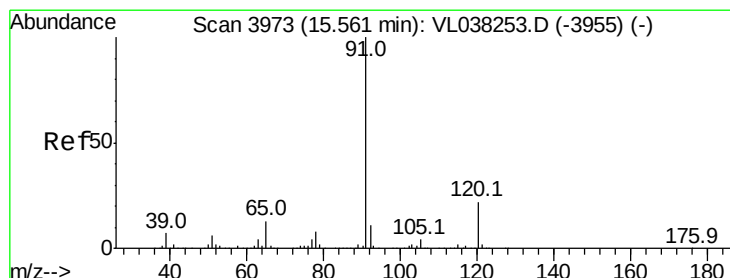
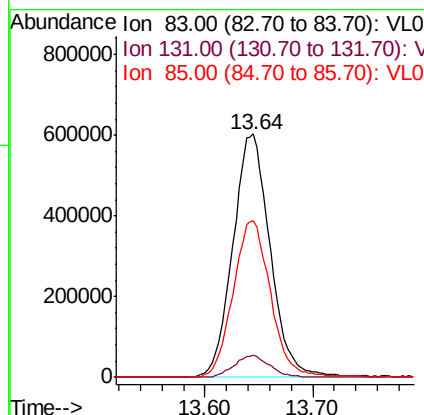
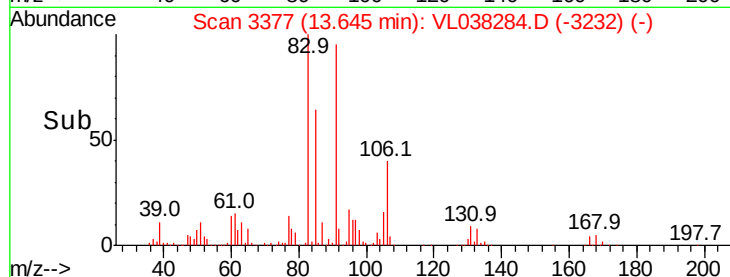
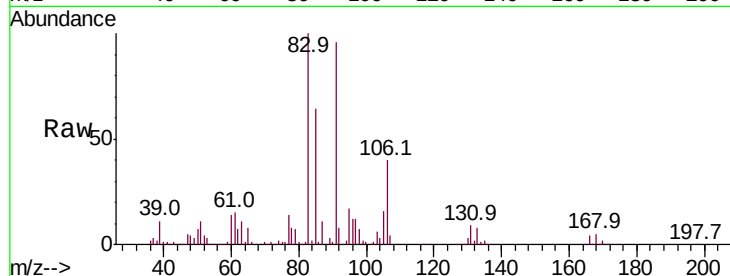
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#64

n-propylbenzene

Concen: 9.788 ppbv

RT: 15.53 min Scan# 3963

Delta R.T. -0.03 min

Lab File: VL038284.D

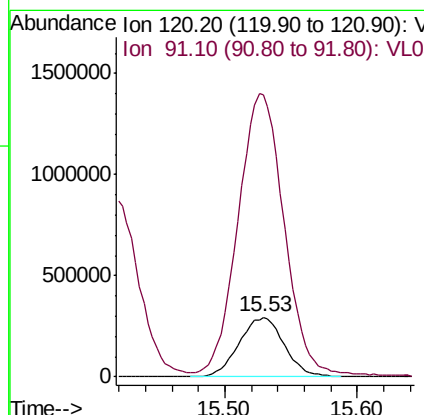
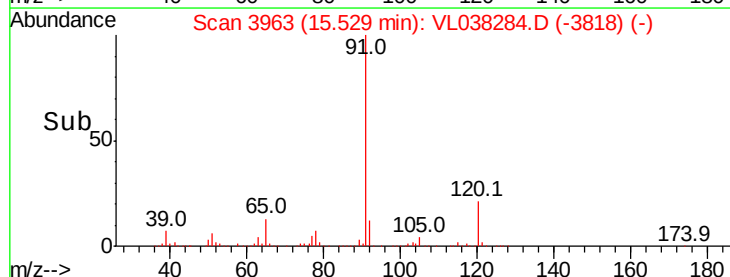
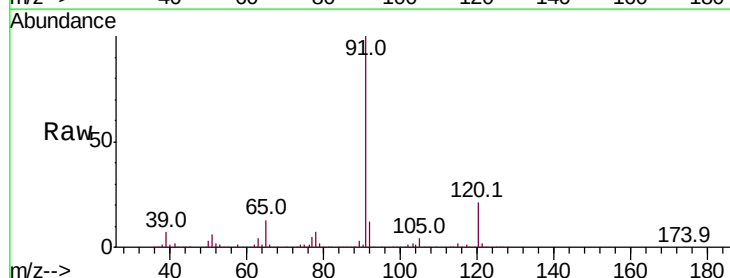
Acq: 26 Jan 2022 10:49

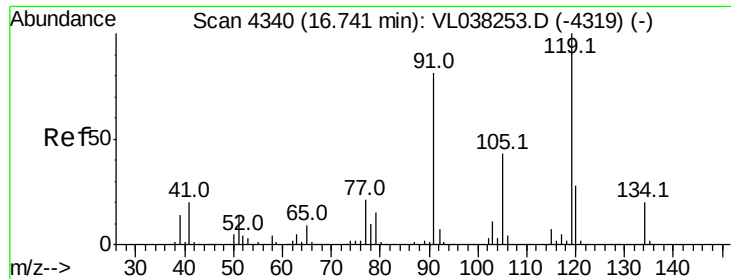
Tgt Ion:120 Resp: 696408

Ion Ratio Lower Upper

120 100

91 490.6 390.8 586.2



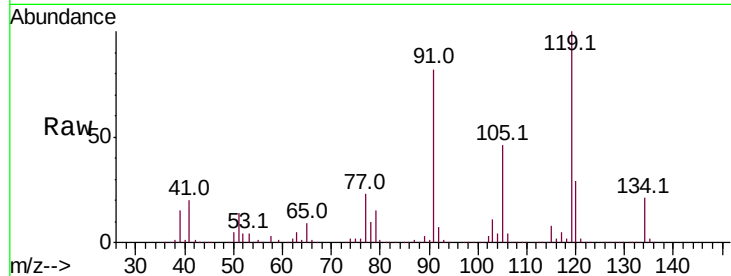


#65
 tert-Butylbenzene
 Concen: 9.257 ppbv
 RT: 16.71 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 26 Jan 2022 10:49

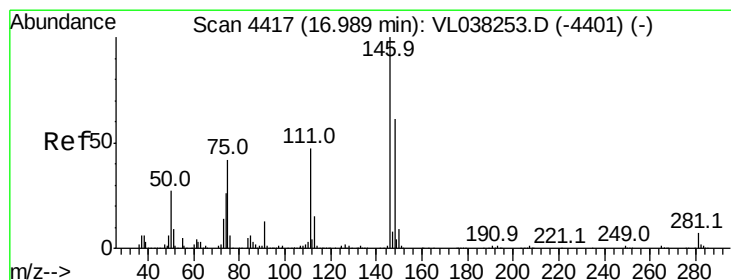
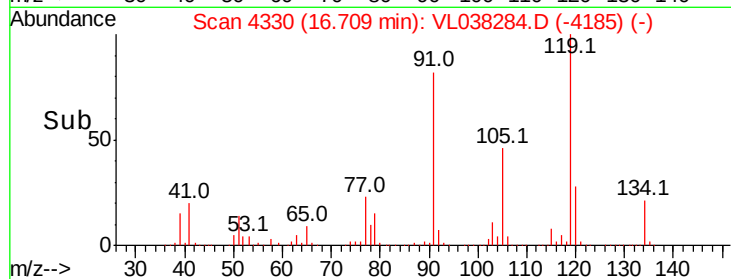
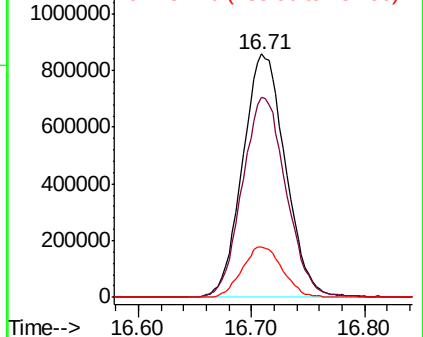
Tot Ion: 1
 Ion Ratio
 119 100
 91 84.
 134 19.

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Reviewed By : Semsettin Yesilyurt 01/27/2022
 Supervised By : Mahesh Dadoda 01/28/2022

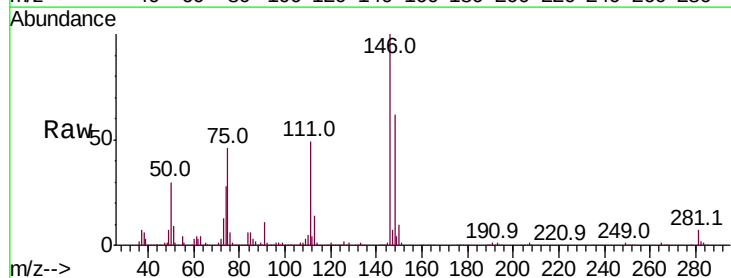


Abundance Ion 119.20 (118.90 to 119.90): V
 Ion 91.10 (90.80 to 91.80): VL0
 Ion 134.20 (133.90 to 134.90): V

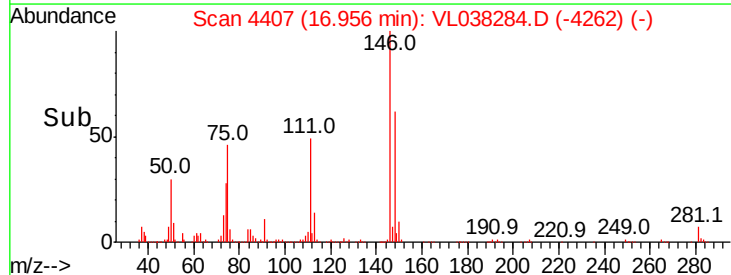
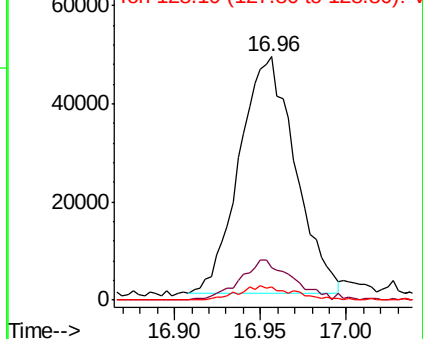


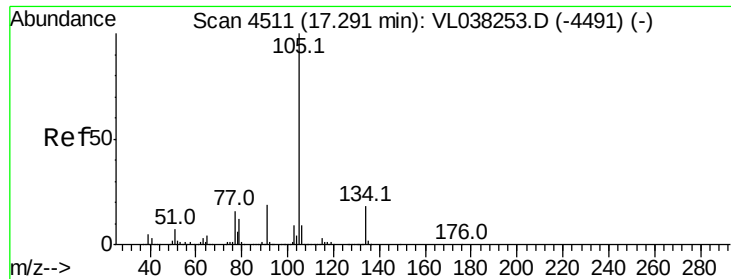
#66
 Benzyl Chloride
 Concen: 9.815 ppbv
 RT: 16.96 min Scan# 4407
 Delta R.T.: -0.03 min
 Lab File: VL038284.D
 Acq: 26 Jan 2022 10:49

Tgt Ion: 91 Resp: 108611
 Ion Ratio Lower Upper
 91 100
 126 16.5 12.6 18.8
 128 5.8 4.3 6.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 126.10 (125.80 to 126.80): V
 Ion 128.10 (127.80 to 128.80): V



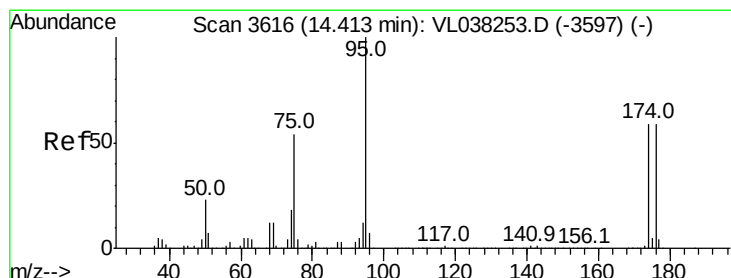
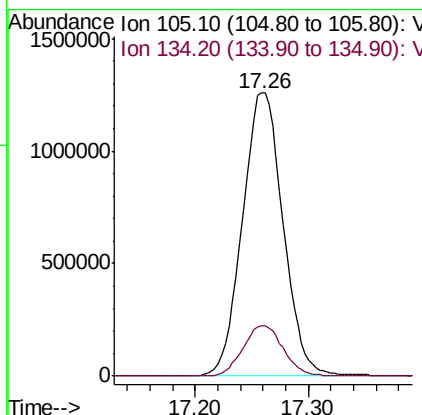
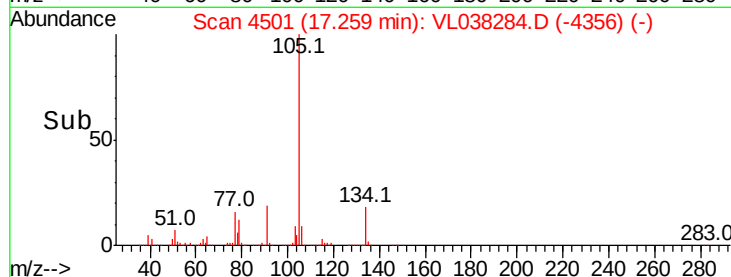
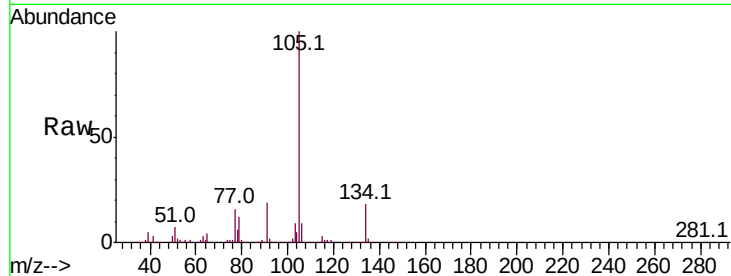


#67
 sec-Butylbenzene
 Concen: 9.250 ppbv
 RT: 17.26 min
 Delta R.T.: 0.03 min
 Lab File: VSTDCCC010
 Acq: 26 Jan 2022 10:49

Tot Ion: 1
 Ion Ratio
 105 100
 134 17.

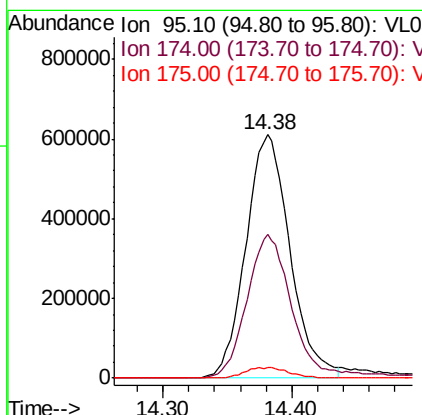
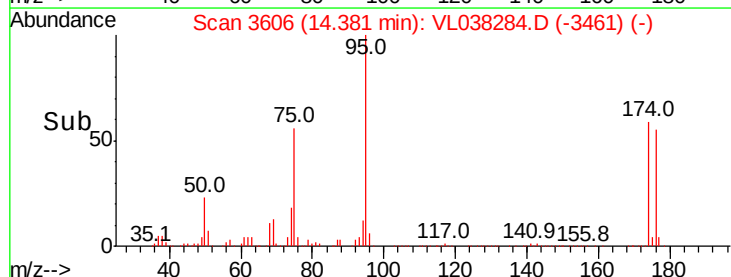
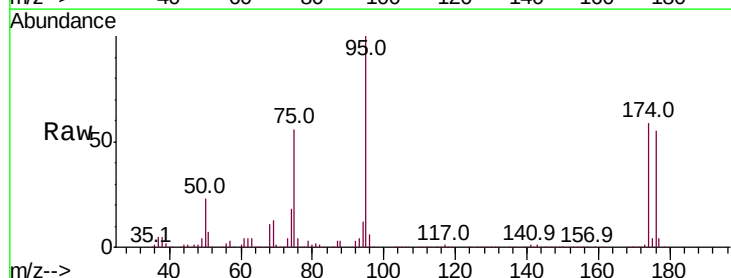
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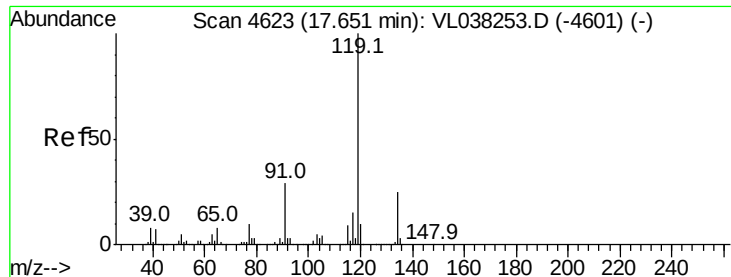
Reviewed By : Semsettin Yesilyurt 01/27/2022
 Supervised By : Mahesh Dadoda 01/28/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.079 ppbv
 RT: 14.38 min Scan# 3606
 Delta R.T.: -0.03 min
 Lab File: VL038284.D
 Acq: 26 Jan 2022 10:49

Tgt Ion: 95 Resp: 1455266
 Ion Ratio Lower Upper
 95 100
 174 61.7 48.3 72.5
 175 4.7 3.5 5.3



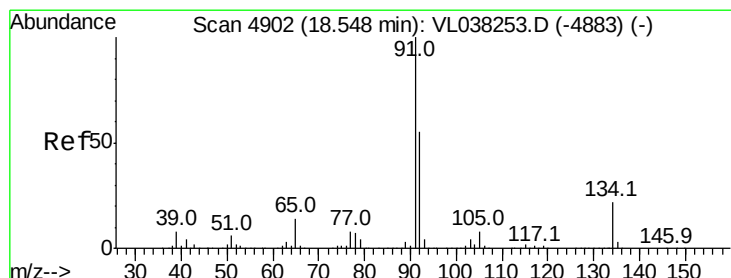
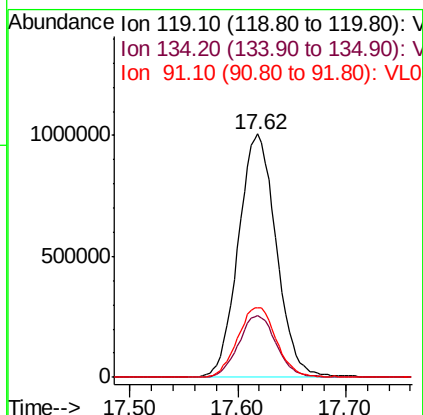
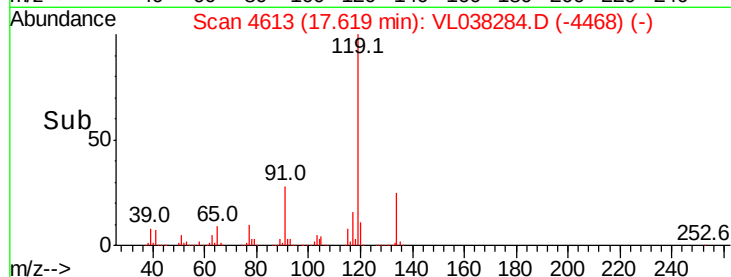
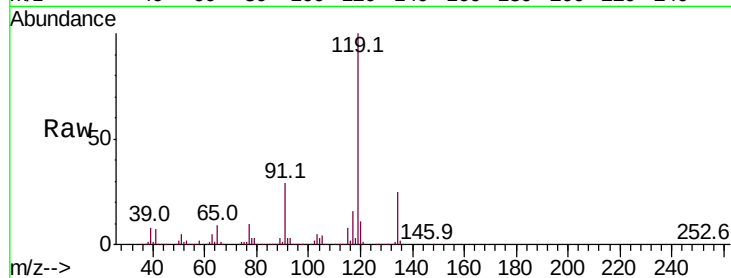


#69
 p-Isopropyltoluene
 Concen: 9.465 ppbv
 RT: 17.62 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 26 Jan 2022 10:49

Manual Integrations
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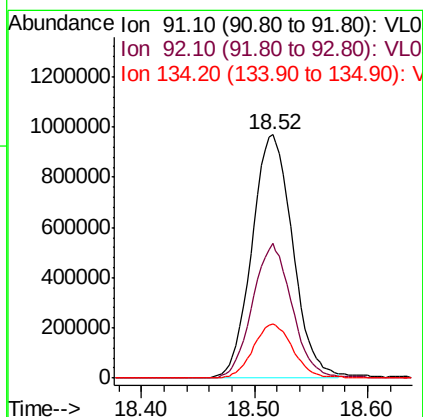
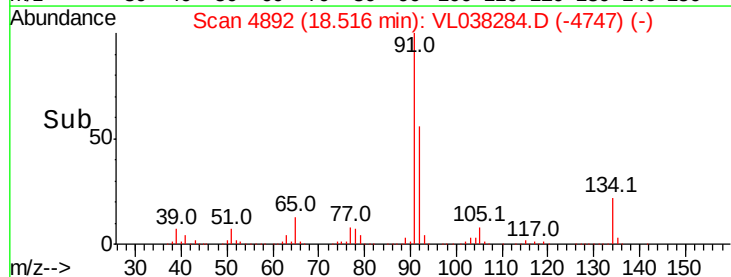
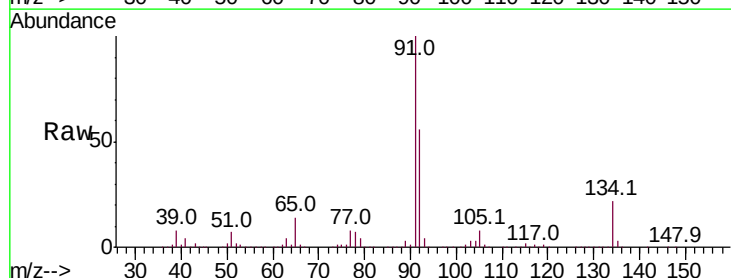
Tot Ion:1
 Ion Rati
 119 100
 134 25.
 91 29.

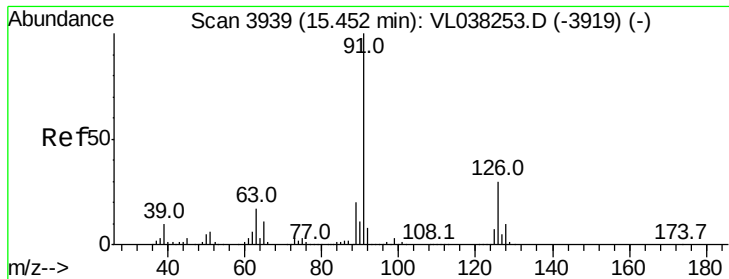
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#70
 n-Butylbenzene
 Concen: 9.515 ppbv
 RT: 18.52 min Scan# 4892
 Delta R.T. -0.03 min
 Lab File: VL038284.D
 Acq: 26 Jan 2022 10:49

Tgt Ion: 91 Resp: 2416768
 Ion Ratio Lower Upper
 91 100
 92 54.3 43.4 65.0
 134 21.9 17.3 25.9



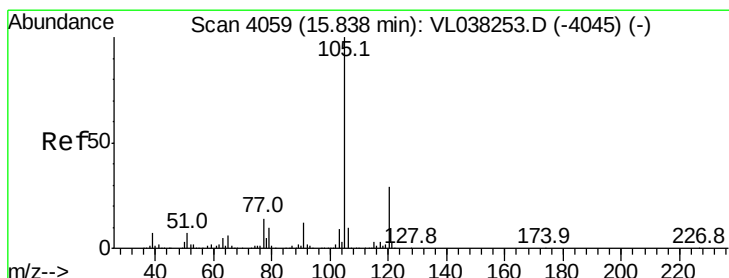
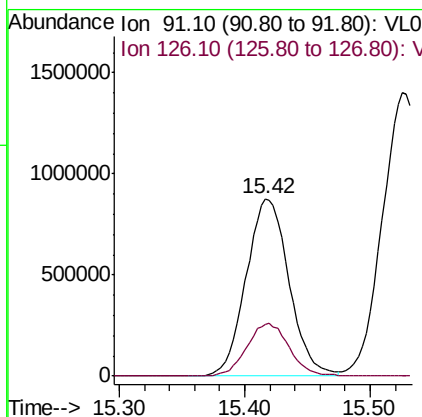
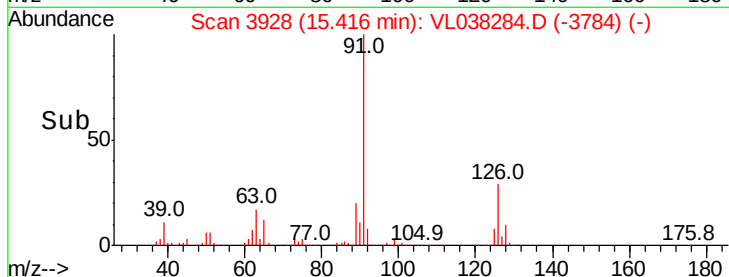
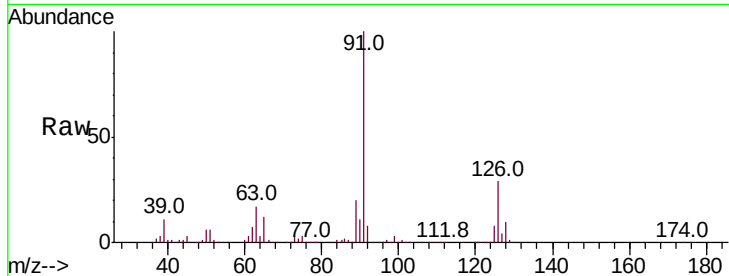


#71
 2-Chlorotoluene
 Concen: 9.519 ppbv
 RT: 15.42 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 26 Jan 2022 10:49

Tot Ion:
 Ion Ratio
 91 100
 126 30.

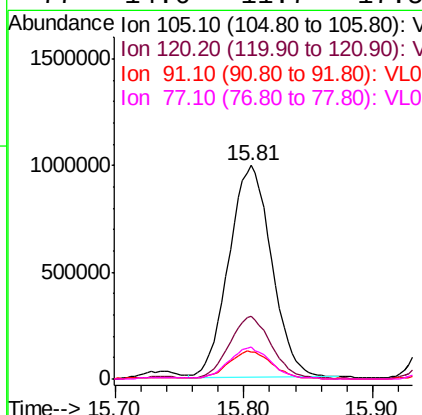
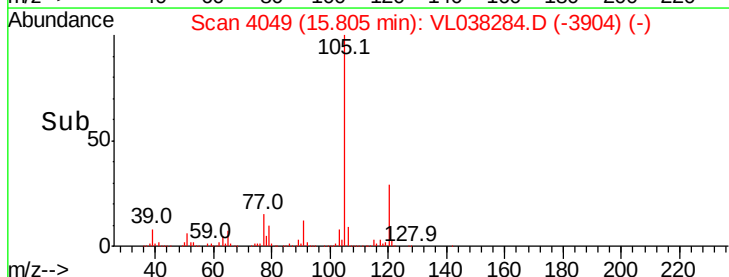
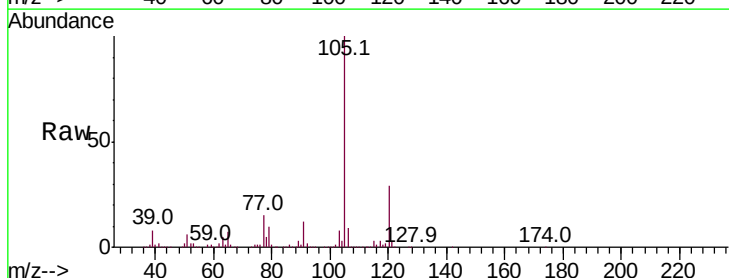
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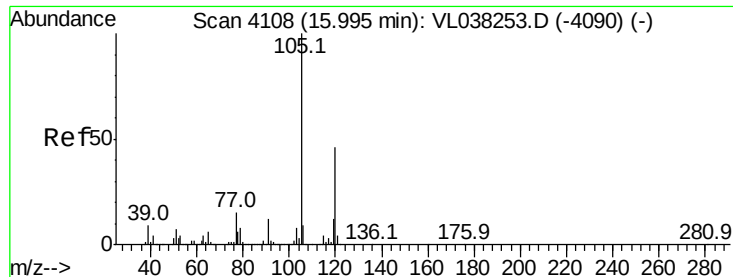
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#72
 4-Ethyltoluene
 Concen: 9.913 ppbv
 RT: 15.81 min Scan# 4049
 Delta R.T. -0.03 min
 Lab File: VL038284.D
 Acq: 26 Jan 2022 10:49

Tgt Ion:105 Resp: 2299898
 Ion Ratio Lower Upper
 105 100
 120 29.3 23.8 35.8
 91 12.9 10.2 15.4
 77 14.6 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.535 ppbv

RT: 15.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 10:49 VSTDCCC010

Tot Ion:1

Ion Rati

105 100

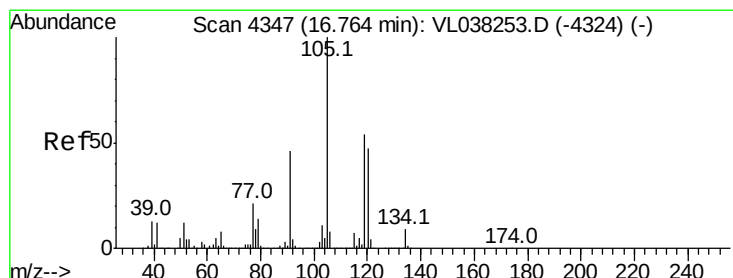
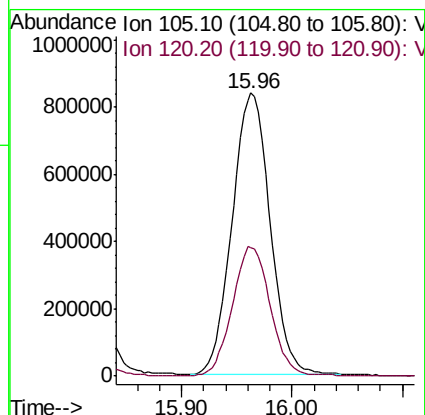
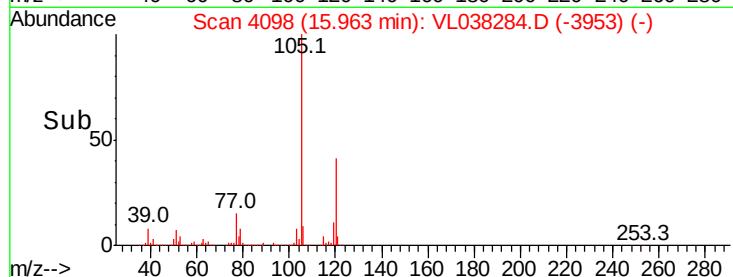
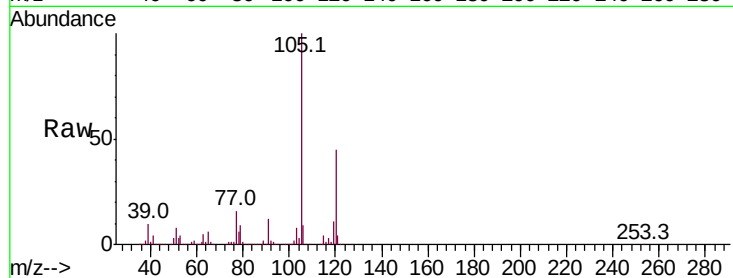
120 45.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.293 ppbv

RT: 16.73 min Scan# 4336

Delta R.T. -0.04 min

Lab File: VL038284.D

Acq: 26 Jan 2022 10:49

Tgt Ion:105 Resp: 2042754

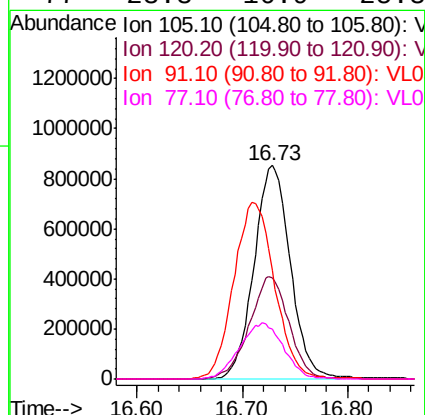
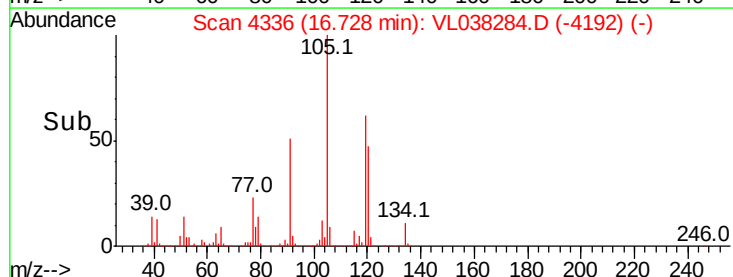
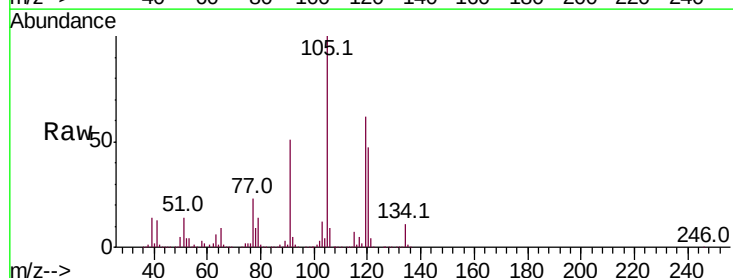
Ion Ratio Lower Upper

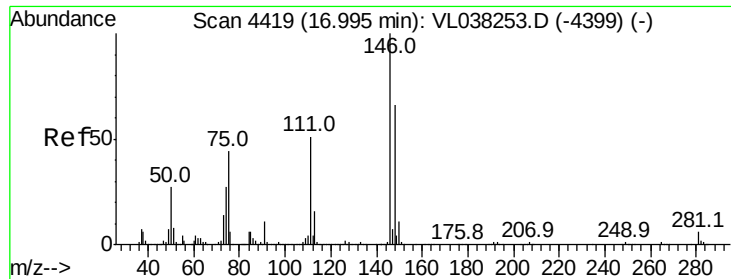
105 100

120 47.1 37.2 55.8

91 50.8 36.6 55.0

77 23.3 16.9 25.3



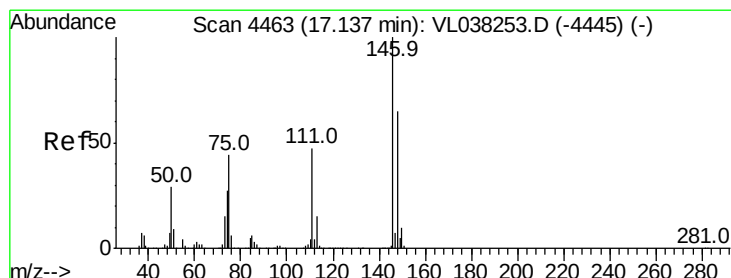
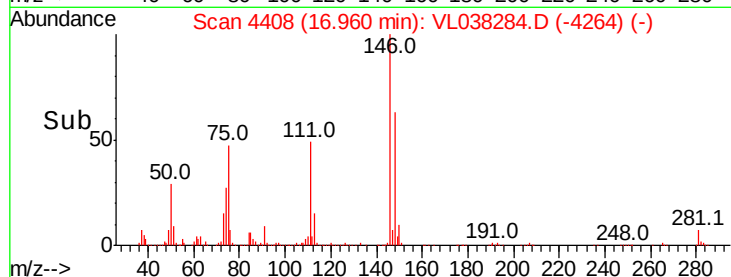
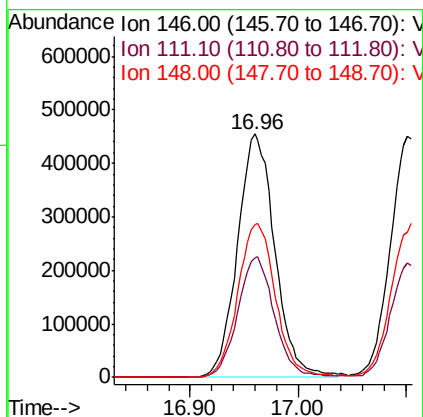
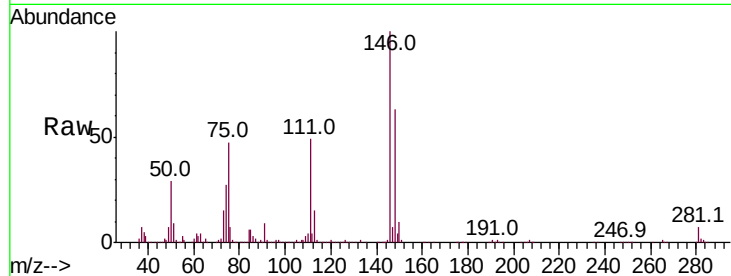


#75
 1,3-Dichlorobenzene
 Concen: 9.292 ppbv
 RT: 16.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled:
 VSTDCCC010
 Acq: 26 Jan 2022 10:49

Tot Ion:1
 Ion Rati
 146 100
 111 48.
 148 64.

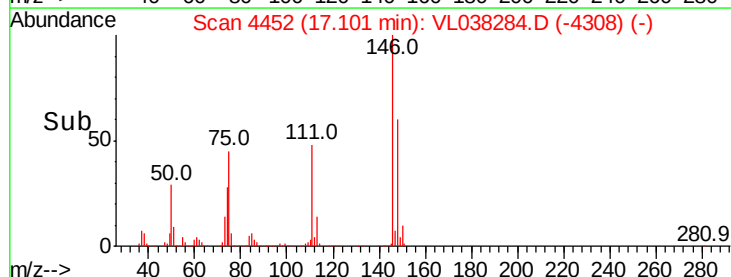
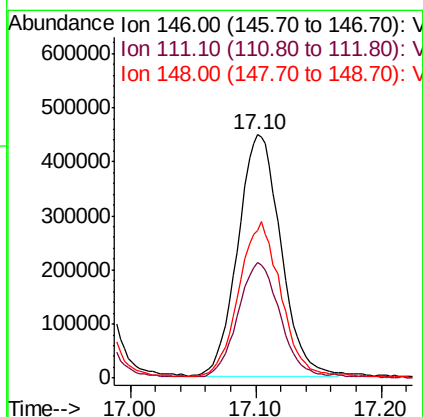
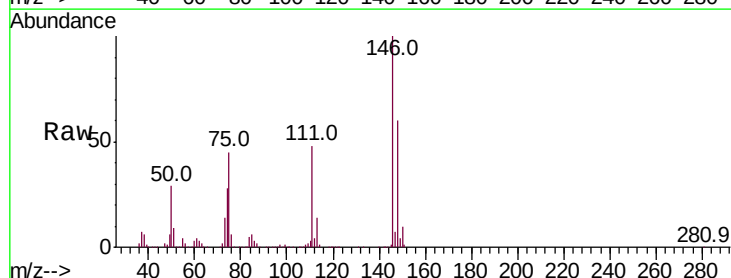
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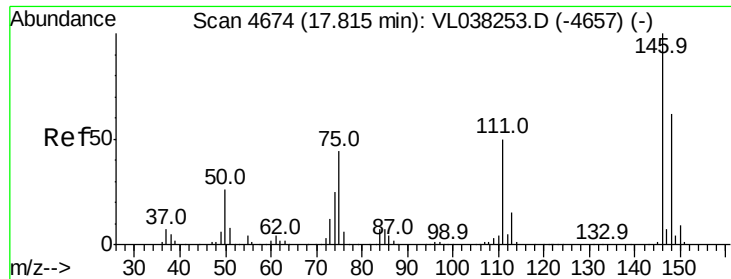
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#76
 1,4-Dichlorobenzene
 Concen: 9.290 ppbv
 RT: 17.10 min Scan# 4452
 Delta R.T. -0.04 min
 Lab File: VL038284.D
 Acq: 26 Jan 2022 10:49

Tgt Ion:146 Resp: 1060938
 Ion Ratio Lower Upper
 146 100
 111 47.8 23.2 69.6
 148 65.4 32.4 97.0





#77

1,2-Dichlorobenzene

Concen: 9.055 ppbv

RT: 17.78

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 10:49

Tot Ion:1

Ion Rati

146 100

111 50.

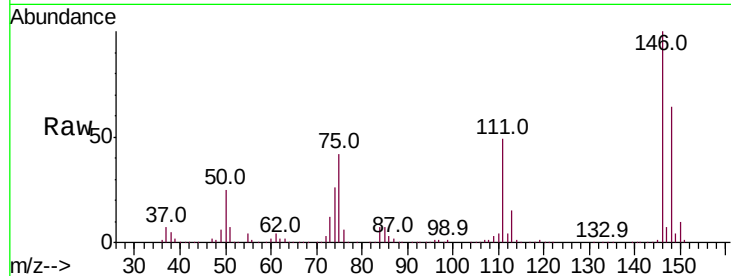
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/27/2022

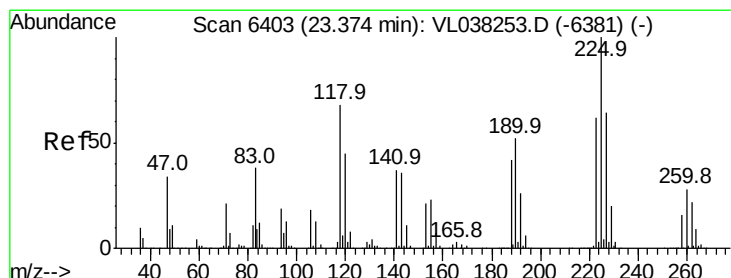
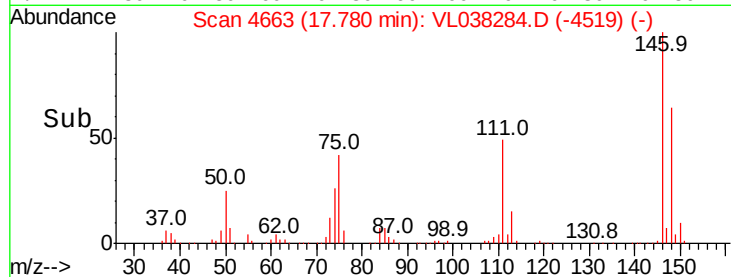
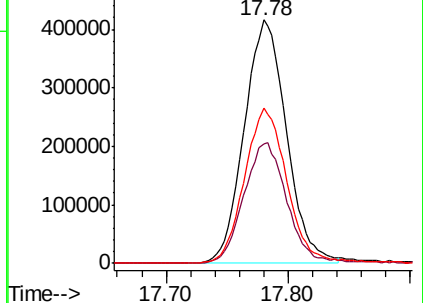
Supervised By :Mahesh Dadoda 01/28/2022



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: 8.611 ppbv

RT: 23.34 min Scan# 6393

Delta R.T. -0.03 min

Lab File: VL038284.D

Acq: 26 Jan 2022 10:49

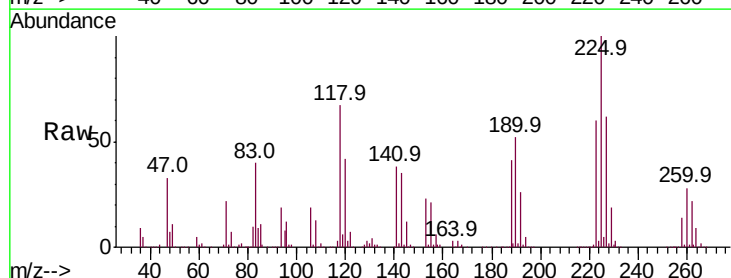
Tgt Ion:225 Resp: 655871

Ion Ratio Lower Upper

225 100

223 64.3 51.7 77.5

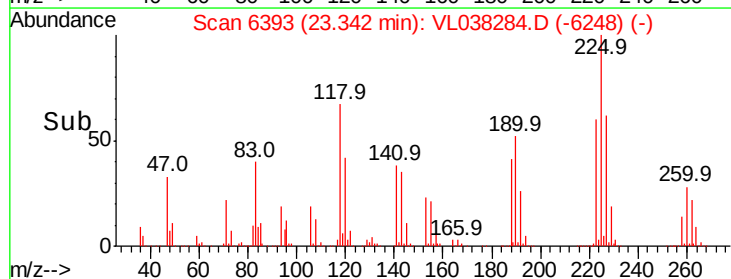
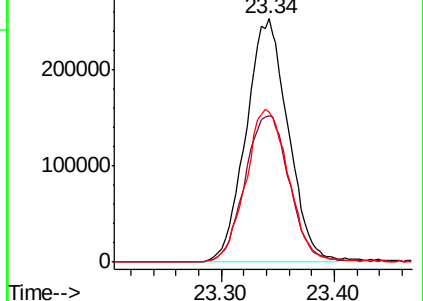
227 64.7 51.4 77.0

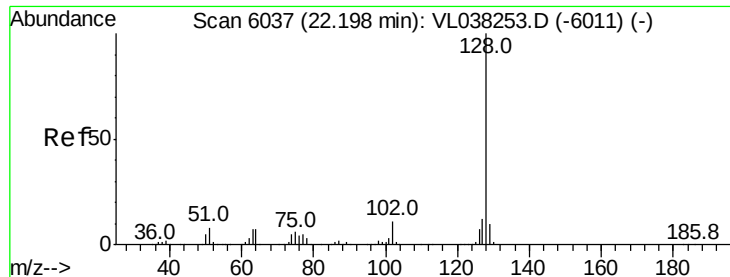


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



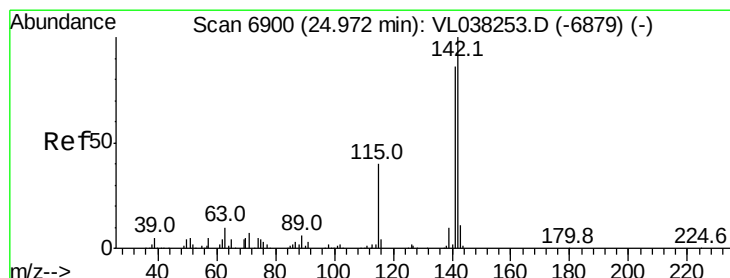
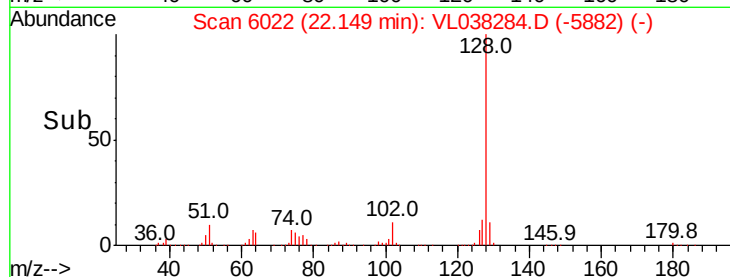
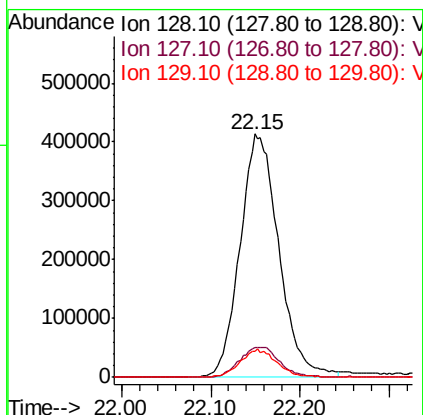
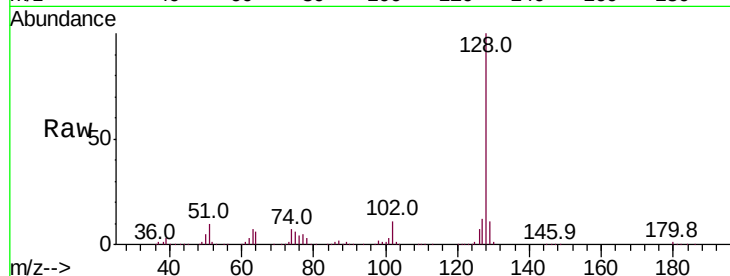


#79
Naphthalene
Concen: 12.185 ppbv
RT: 22.15 min
Delta R.T.: 0.03 min
Lab File: VSTDC010
Acq: 26 Jan 2022 10:49

Tot Ion: 1
Ion Ratio
128 100
127 12.1
129 10.1

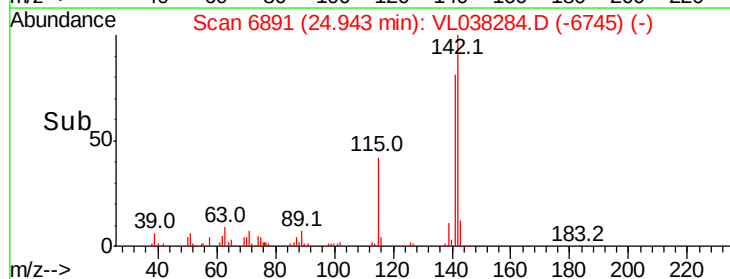
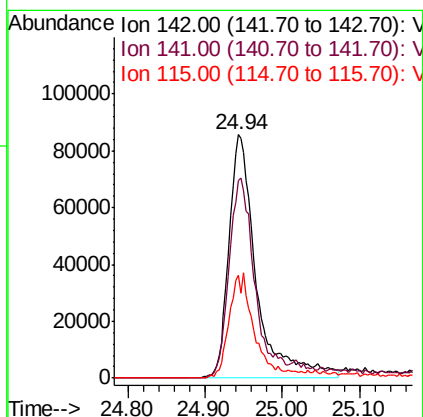
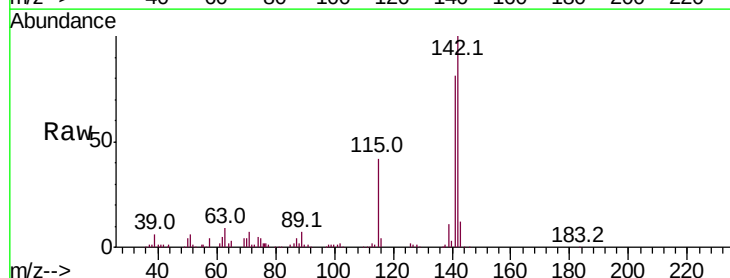
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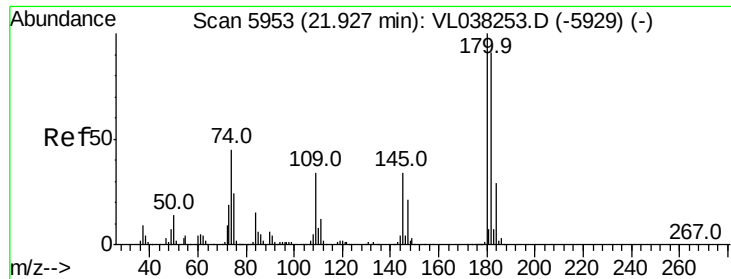
Reviewed By : Semsettin Yesilyurt 01/27/2022
Supervised By : Mahesh Dadoda 01/28/2022



#80
Naphthalene, 2-methyl-
Concen: 18.828 ppbv
RT: 24.94 min Scan# 6891
Delta R.T.: -0.03 min
Lab File: VL038284.D
Acq: 26 Jan 2022 10:49

Tgt Ion: 142 Resp: 210430
Ion Ratio Lower Upper
142 100
141 80.6 70.2 105.4
115 38.7 31.8 47.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.839 ppbv m
 RT: 21.89
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 26 Jan 2022 10.49

Tot Ion:1
 Ion Rati
 180 100
 182 97.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022

