

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
 Data File : VL038569.D
 Acq On : 9 Mar 2022 3:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: Mar 09 07:46:25 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A

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

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	913832	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2416432	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2272087m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1708351	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	1337531	9.69	ppbv	100
3) Chlorodifluoromethane	2.99	51	1509644	9.37	ppbv	98
4) Chloromethane	3.14	50	583793	9.77	ppbv	99
5) Vinyl Chloride	3.26	62	562260	9.38	ppbv	99
6) Bromomethane	3.47	94	314459	9.77	ppbv	97
7) Chloroethane	3.56	64	184227	9.49	ppbv	95
8) Dichlorotetrafluoroethane	3.19	85	1281753	9.58	ppbv	98
9) Propene	3.01	41	562465	9.89	ppbv	100
10) Heptane	8.11	43	1361002	10.01	ppbv	99
11) Trichlorofluoromethane	3.95	101	1143989	9.45	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	893756	9.50	ppbv	98
13) Ethanol	3.60	45	53393m	8.17	ppbv	
14) Bromoethene	3.74	108	413318	10.31	ppbv	99
15) Acetone	3.84	43	655796	10.17	ppbv	97
16) 1,3-Butadiene	3.32	39	503991	9.73	ppbv	97
17) tert-Butyl alcohol	4.28	59	689064	9.84	ppbv	99
18) 1,1-Dichloroethene	4.29	96	414851	9.85	ppbv	95
19) Isopropyl Alcohol	3.96	45	415413	9.65	ppbv	100
20) Methylene Chloride	4.34	84	335722	8.65	ppbv	98
21) Allyl Chloride	4.41	41	624645	10.05	ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	441588	10.00	ppbv	96
23) Vinyl Acetate	5.06	43	985878	10.67	ppbv	99
24) 1,1-Dichloroethane	5.00	63	801547	9.54	ppbv	99
25) Ethyl Acetate	5.67	43	2155151	9.93	ppbv	100
26) Hexane	5.68	57	1003439	9.84	ppbv	99
27) Carbon Disulfide	4.55	76	1071825	10.56	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	818132	9.86	ppbv	100
29) Chloroform	5.74	83	1522910	9.60	ppbv	99
30) Cyclohexane	7.12	84	880168	9.98	ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	976153	10.01	ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	1472589	9.57	ppbv	99
34) 2-Butanone	5.24	43	661725	10.56	ppbv	98
35) Carbon Tetrachloride	7.01	117	1535101	9.31	ppbv	98
36) Benzene	6.88	78	2154424	9.88	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1025191	9.84	ppbv	99
38) Trichloroethene	7.83	130	805837	9.25	ppbv	98
39) 1,2-Dichloropropane	7.60	63	827892	9.87	ppbv	97
40) 1,4-Dioxane	7.82	88	217008	10.34	ppbv	86
41) Tetrahydrofuran	6.04	42	516227	10.07	ppbv	97
42) Bromodichloromethane	7.78	83	1627797	9.85	ppbv	98
43) Methyl Methacrylate	8.00	69	781239	10.44	ppbv	97

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Manual Integrations
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 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 09 07:46:25 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A

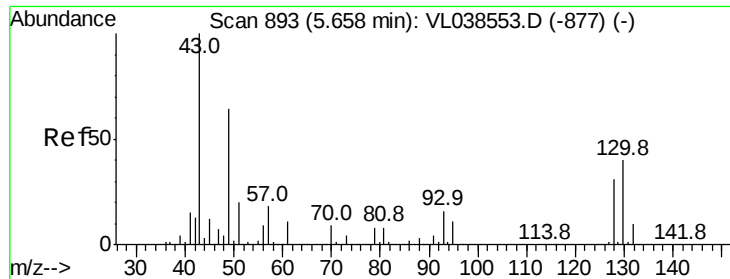
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3510774	9.52	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	617658	11.45	ppbv	96
46) cis-1,3-Dichloropropene	8.69	75	809296	10.97	ppbv	100
47) 1,1,2-Trichloroethane	9.46	97	865178	10.12	ppbv	98
48) Dibromochloromethane	10.29	129	1464131	10.79	ppbv	100
49) Bromoform	13.02	173	1209467	11.64	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	1308945	10.19	ppbv	99
51) 2-Hexanone	10.12	43	568949	10.49	ppbv #	100
52) Tetrachloroethene	11.21	164	766991	9.60	ppbv	96
53) Toluene	9.79	91	2420538	10.40	ppbv	99
54) 1,2-Dibromoethane	10.60	107	1252765	10.26	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	926538	10.01	ppbv	97
57) Chlorobenzene	12.13	112	1698170	9.79	ppbv	99
58) Ethyl Benzene	12.70	91	3049207	10.37	ppbv	98
59) m/p-Xylene	12.98	91	5024369m	19.95	ppbv	
60) o-Xylene	13.68	91	2364012	9.94	ppbv	98
61) Styrene	13.51	104	1341103	11.44	ppbv	99
62) Isopropylbenzene	14.65	105	3334140	10.16	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1822347	9.07	ppbv	100
64) n-propylbenzene	15.55	120	902363	10.79	ppbv	96
65) tert-Butylbenzene	16.73	119	2901071	9.89	ppbv	99
66) Benzyl Chloride	16.97	91	175228	10.08	ppbv	98
67) sec-Butylbenzene	17.28	105	4127227	9.90	ppbv	100
69) p-Isopropyltoluene	17.64	119	3387458	9.80	ppbv	99
70) n-Butylbenzene	18.54	91	3482916	9.47	ppbv	100
71) 2-Chlorotoluene	15.44	91	2507591	10.29	ppbv	99
72) 4-Ethyltoluene	15.82	105	2941428	10.77	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	2561345	10.10	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	2644099	9.76	ppbv #	94
75) 1,3-Dichlorobenzene	16.98	146	1681034	9.84	ppbv	100
76) 1,4-Dichlorobenzene	17.12	146	1625332	9.60	ppbv	99
77) 1,2-Dichlorobenzene	17.80	146	1616264	9.35	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1278491	7.58	ppbv	100
79) Naphthalene	22.17	128	2456956	10.08	ppbv	99
80) Naphthalene,2-methyl-	24.96	142	624688	14.52	ppbv	96
81) 1,2,4-Trichlorobenzene	21.90	180	1371535	8.81	ppbv	99

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:57 VSTDCCC010EC

Tgt Ion:

Ion Ratio

49 100

128 53.

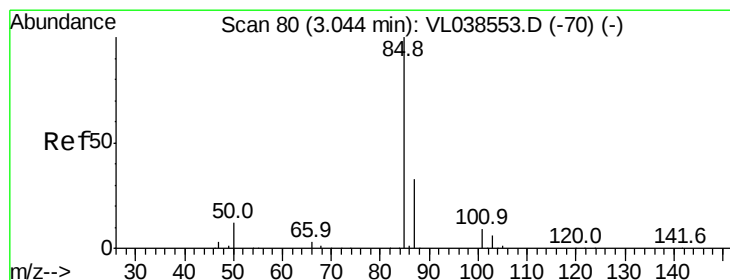
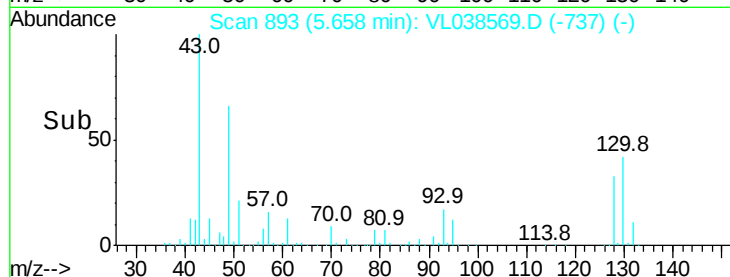
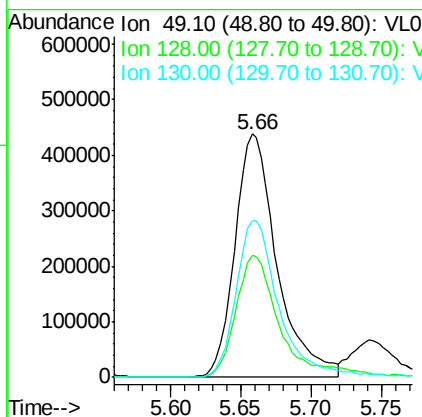
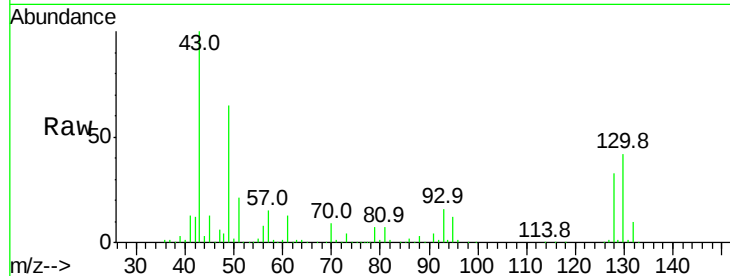
130 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#2

Dichlorodifluoromethane

Concen: 9.69 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL038569.D

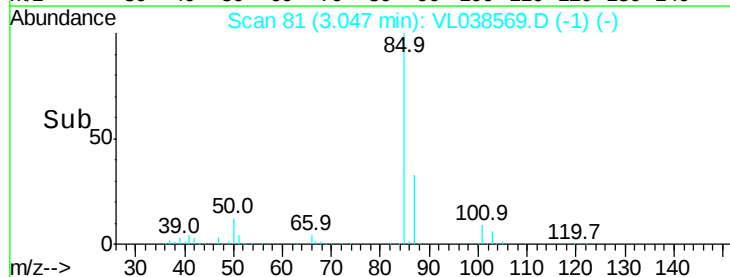
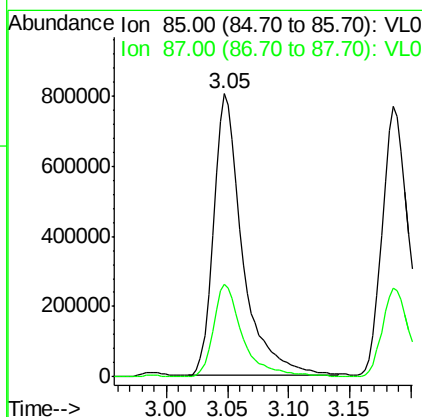
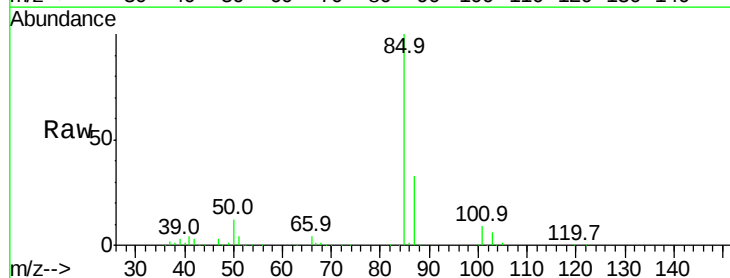
Acq: 9 Mar 2022 3:57

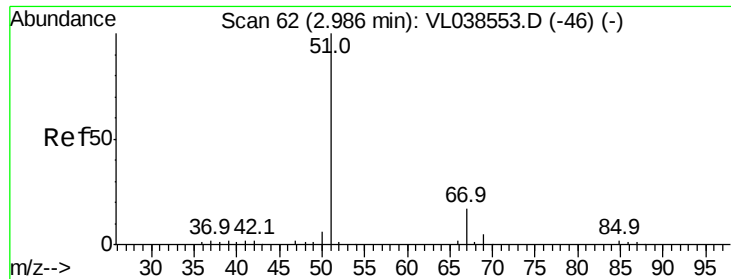
Tgt Ion: 85 Resp: 1337531

Ion Ratio Lower Upper

85 100

87 32.7 26.2 39.2





#3

Chlorodifluoromethane

Concen: 9.37 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:57 VSTDCCC010EC

Tgt Ion:

Ion Ratio

51 100

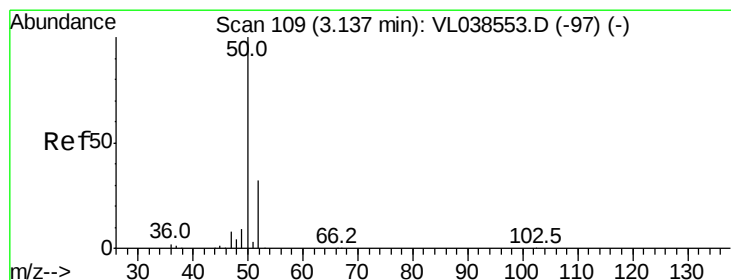
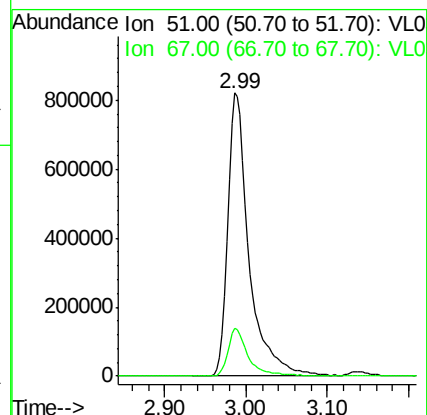
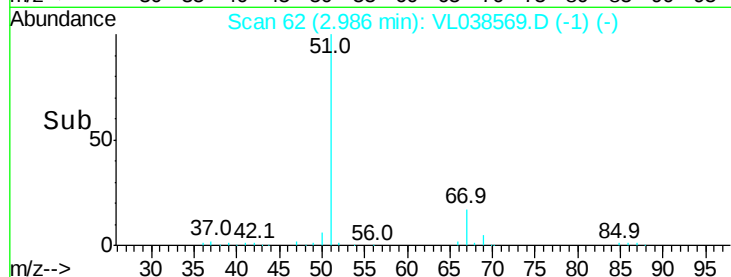
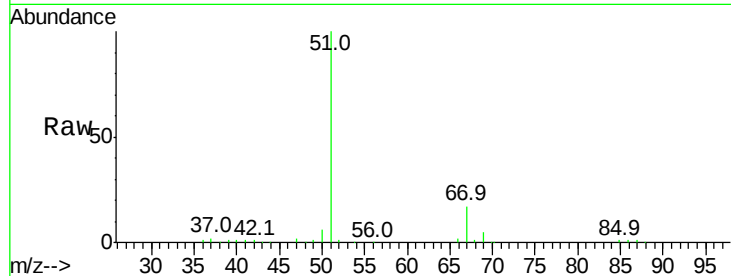
67 16.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#4

Chloromethane

Concen: 9.77 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL038569.D

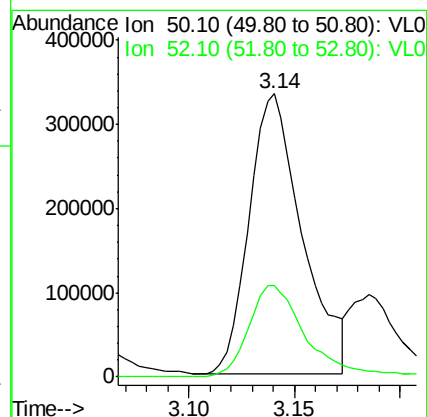
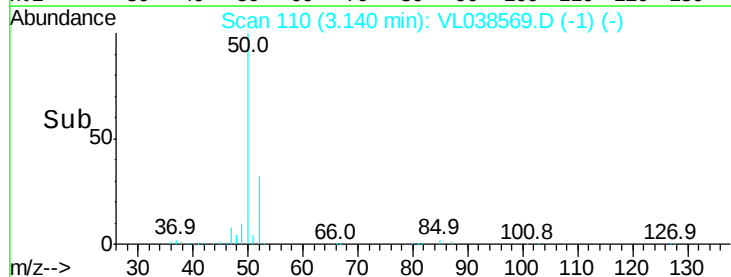
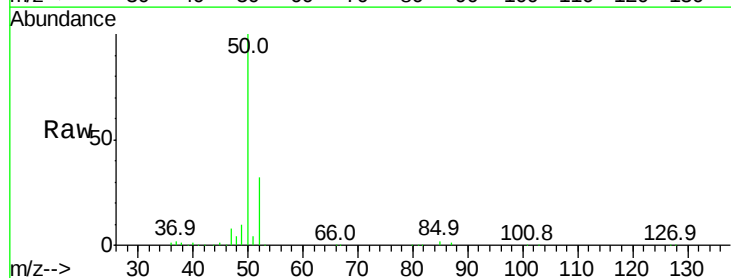
Acq: 9 Mar 2022 3:57

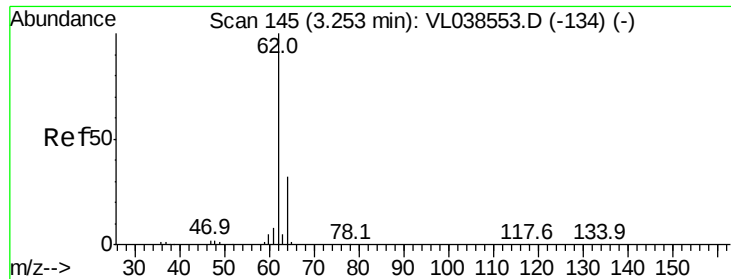
Tgt Ion: 50 Resp: 583793

Ion Ratio Lower Upper

50 100

52 32.6 25.6 38.4





#5

Vinyl Chloride

Concen: 9.38 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 9 Mar 2022 3:57

Tgt Ion:

Ion Ratio

62 100

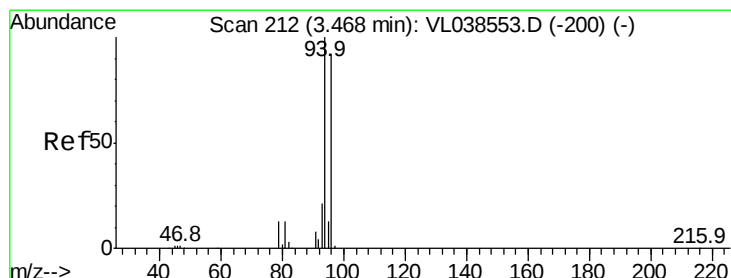
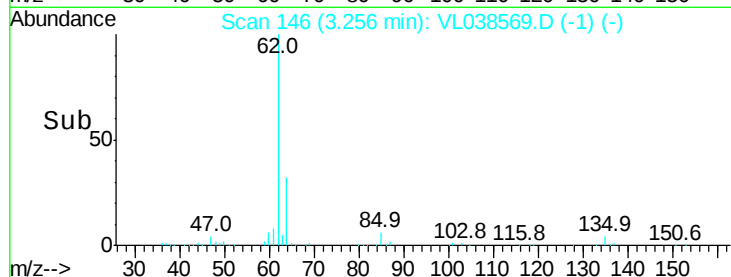
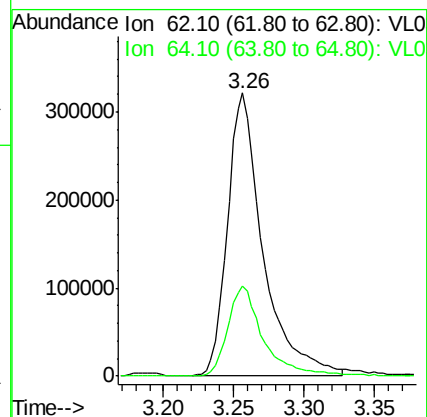
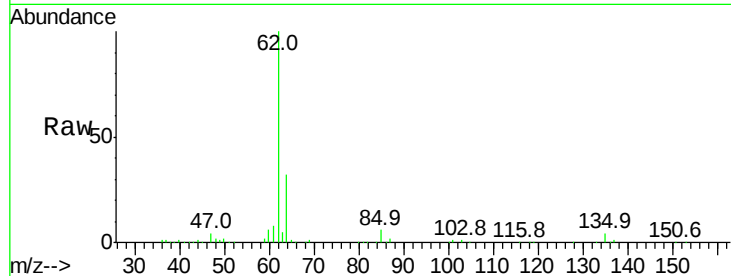
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#6

Bromomethane

Concen: 9.77 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL038569.D

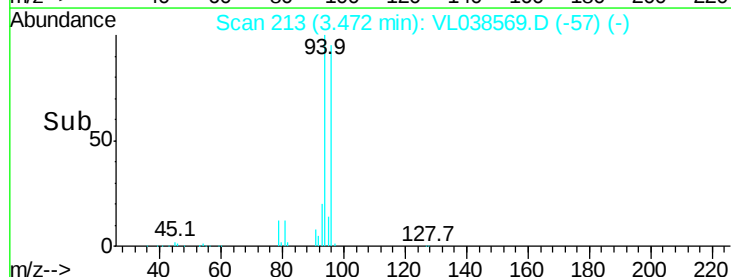
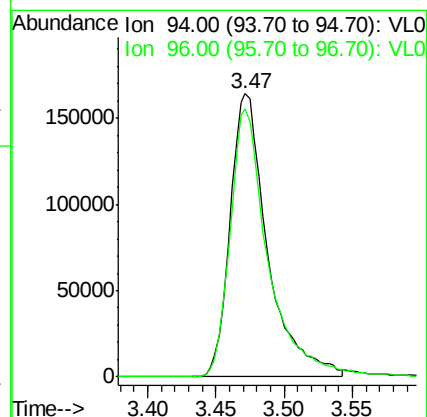
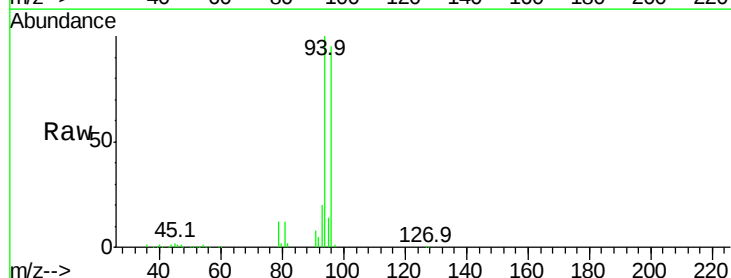
Acq: 9 Mar 2022 3:57

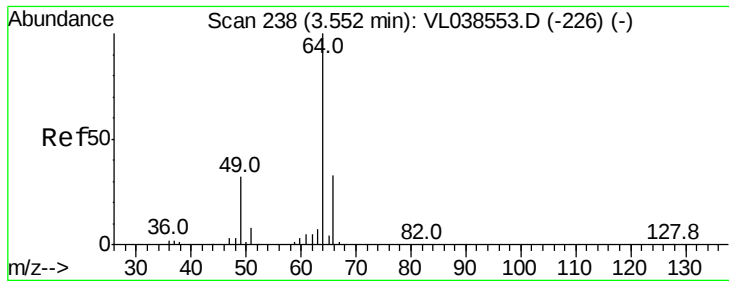
Tgt Ion: 94 Resp: 314459

Ion Ratio Lower Upper

94 100

96 94.8 73.7 110.5





#7

Chloroethane

Concen: 9.49 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:57 VSTDCCC010EC

Tgt Ion:

Ion Ratio

64 100

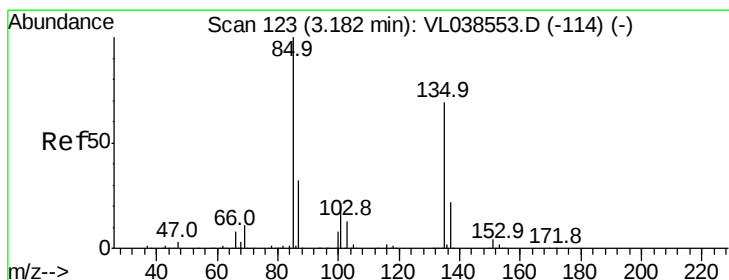
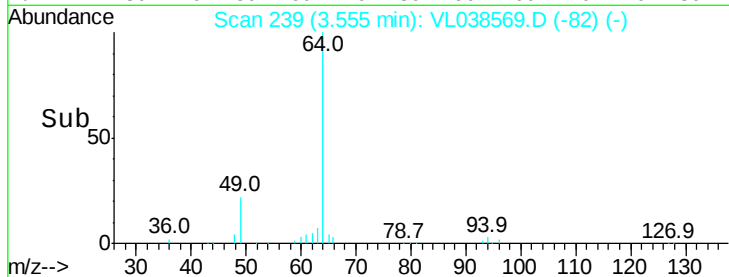
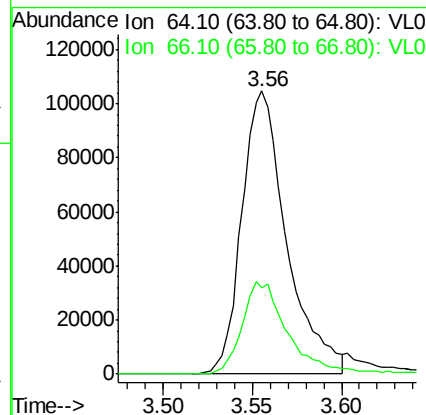
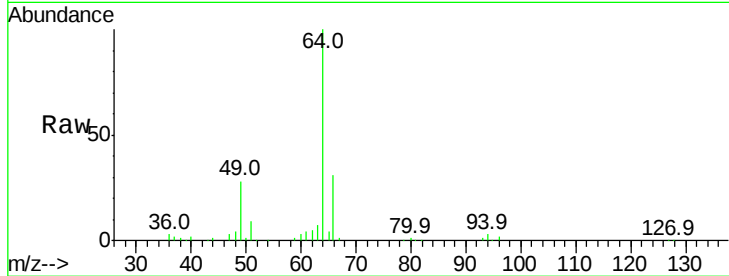
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#8

Dichlorotetrafluoroethane

Concen: 9.58 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL038569.D

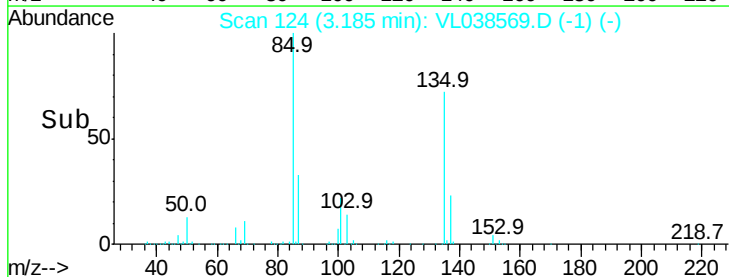
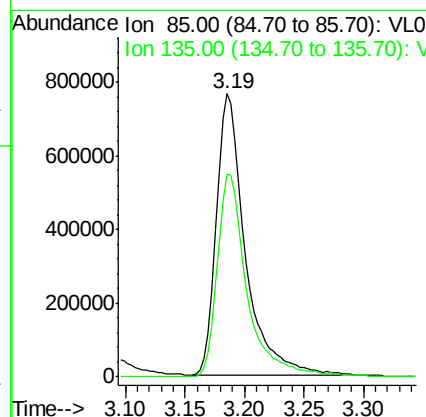
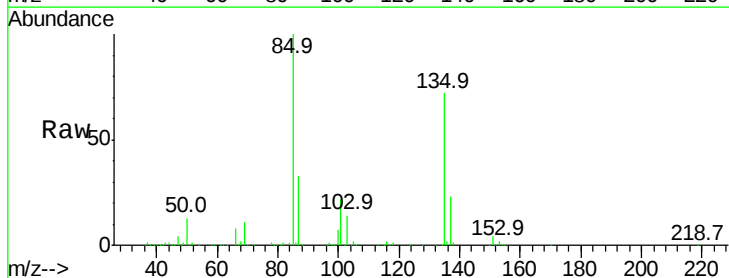
Acq: 9 Mar 2022 3:57

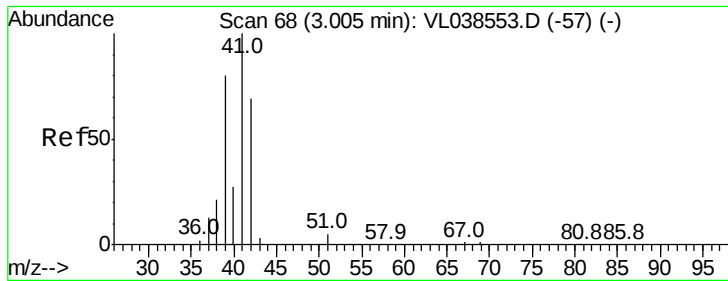
Tgt Ion: 85 Resp: 1281753

Ion Ratio Lower Upper

85 100

135 75.3 59.0 88.4



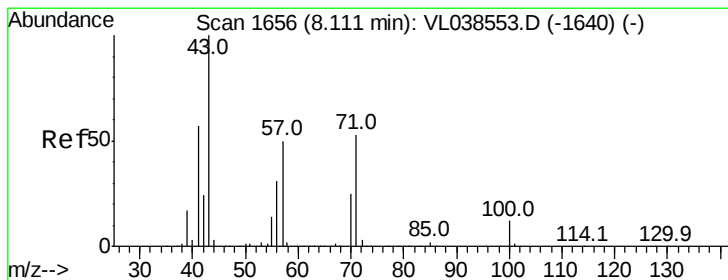
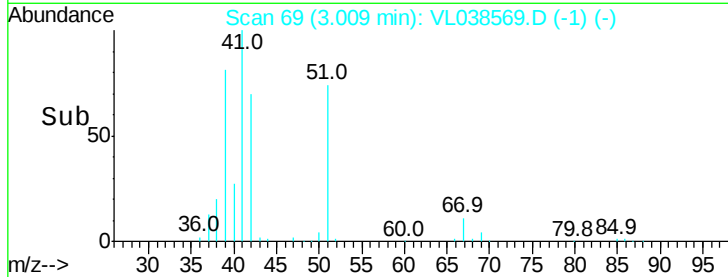
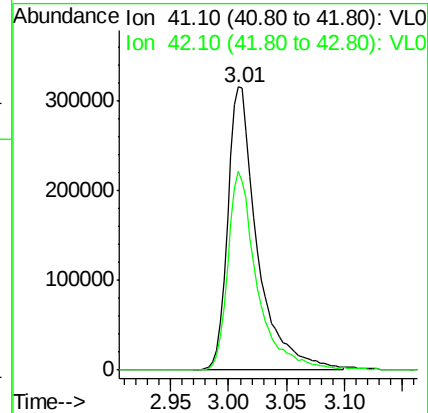
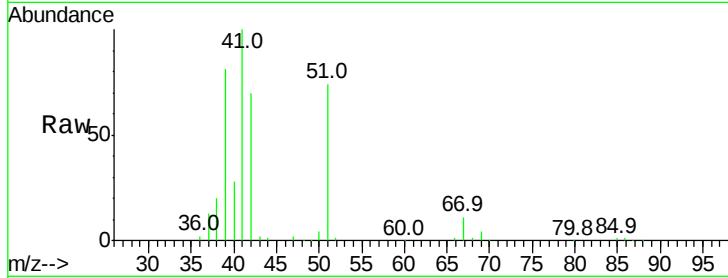


#9
 Propene
 Concen: 9.89 ppbv
 RT: 3.01
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:57

Tgt Ion:
 Ion Ratio
 41 100
 42 69.

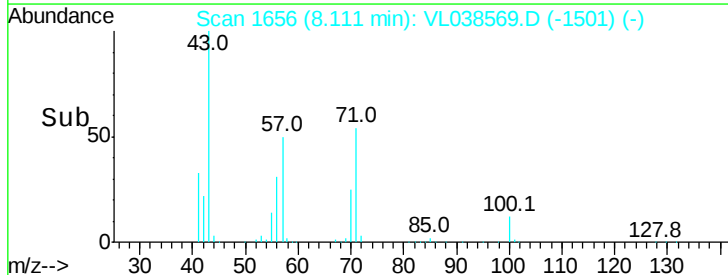
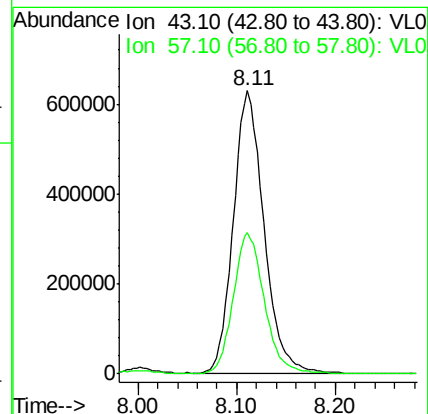
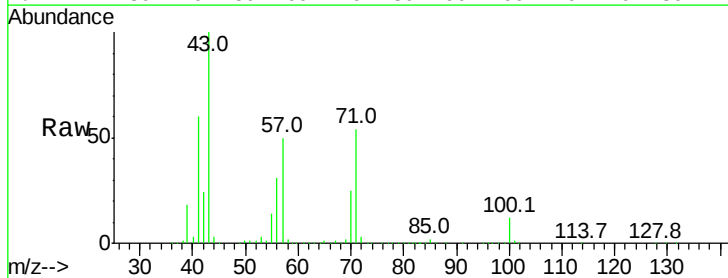
Manual Integrations
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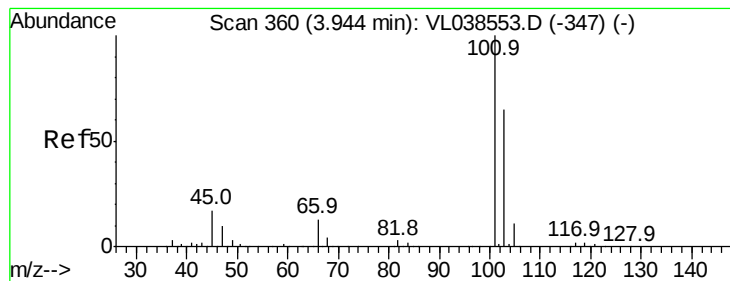
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#10
 Heptane
 Concen: 10.01 ppbv
 RT: 8.11 min Scan# 1656
 Delta R.T.: -0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion: 43 Resp: 1361002
 Ion Ratio Lower Upper
 43 100
 57 50.3 39.6 59.4





#11

Trichlorofluoromethane

Concen: 9.45 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:57 VSTDCCC010EC

Tgt Ion:1

Ion Ratio

101 100

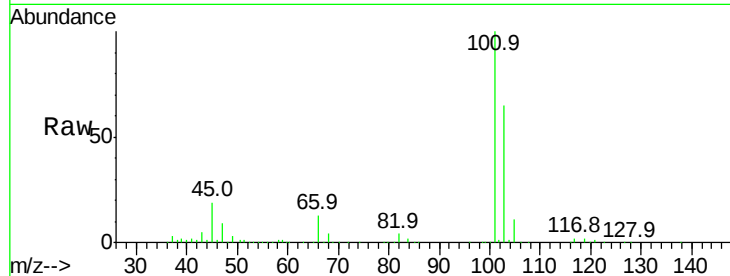
103 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.95

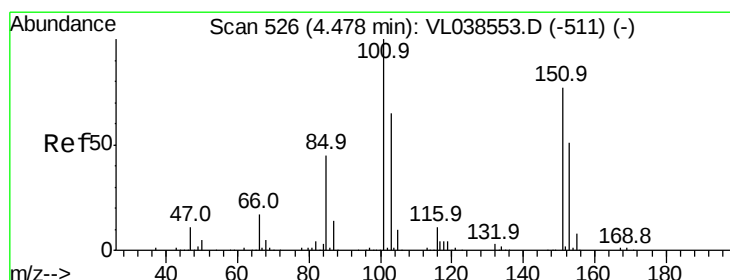
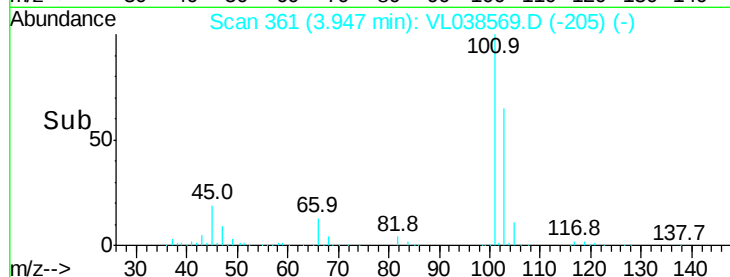
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400000

200000

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Time--> 3.85 3.90 3.95 4.00 4.05



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.50 ppbv

RT: 4.48 min Scan# 527

Delta R.T. 0.00 min

Lab File: VL038569.D

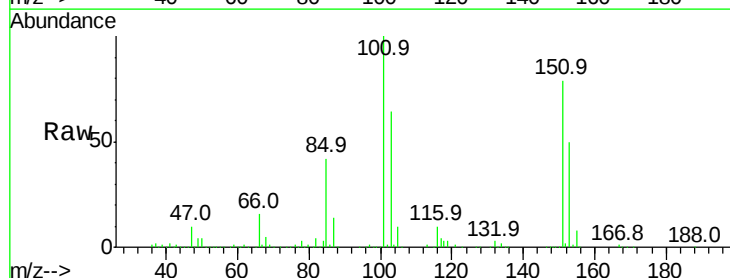
Acq: 9 Mar 2022 3:57

Tgt Ion:101 Resp: 893756

Ion Ratio Lower Upper

101 100

151 80.8 63.4 95.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

4.48

500000

400000

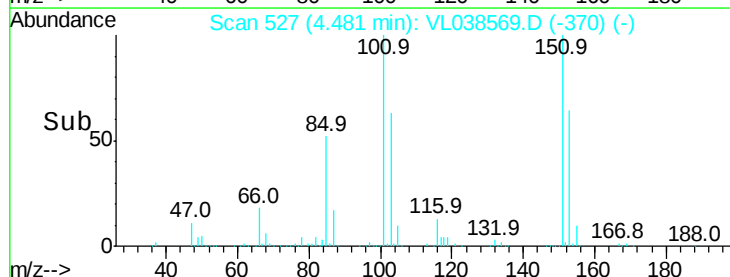
300000

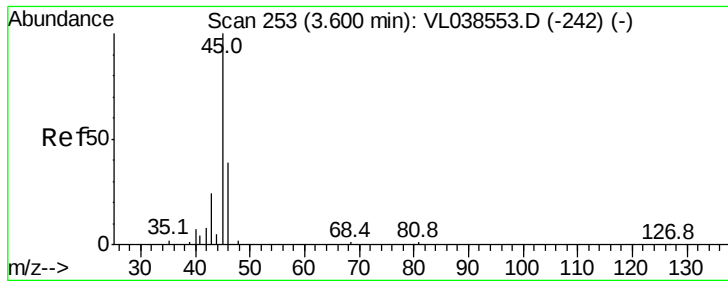
200000

100000

0

Time--> 4.40 4.45 4.50 4.55





#13

Ethanol

Concen: 8.17 ppbv m

RT: 3.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:57 VSTDCC010EC

Tgt Ion:

Ion Ratio

45 100

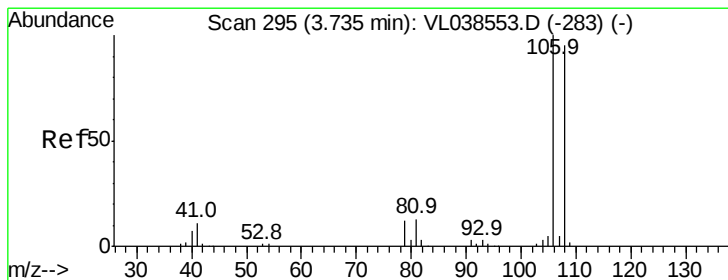
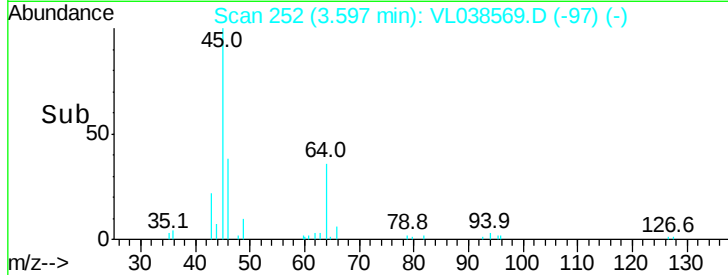
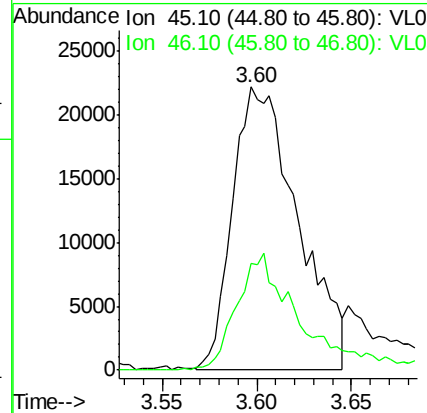
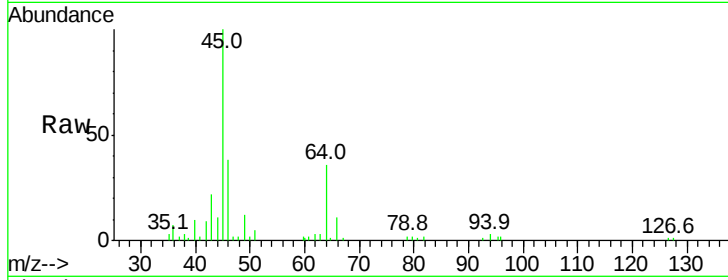
46 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#14

Bromoethene

Concen: 10.31 ppbv

RT: 3.74 min Scan# 296

Delta R.T. 0.00 min

Lab File: VL038569.D

Acq: 9 Mar 2022 3:57

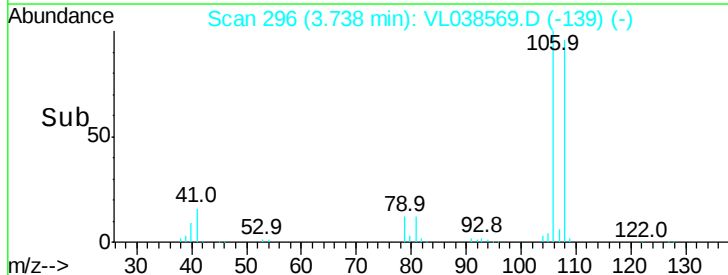
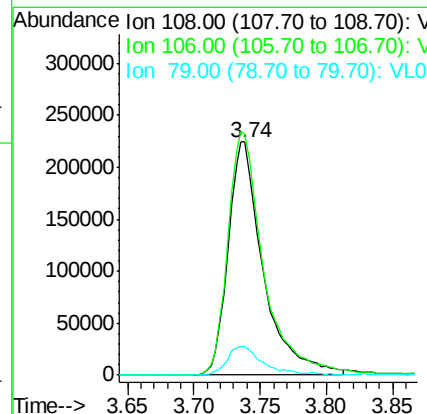
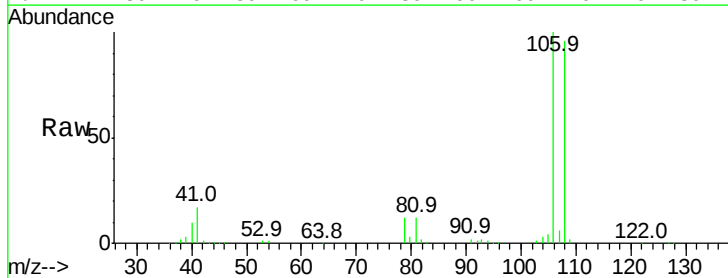
Tgt Ion:108 Resp: 413318

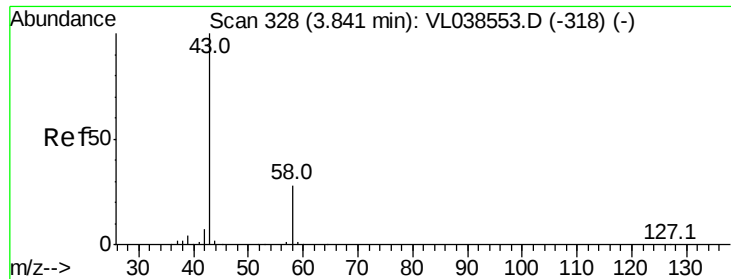
Ion Ratio Lower Upper

108 100

106 108.0 85.9 128.9

79 13.0 11.0 16.6





#15

Acetone

Concen: 10.17 ppbv

RT: 3.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 3:57

Tgt Ion:

Ion Ratio

43 100

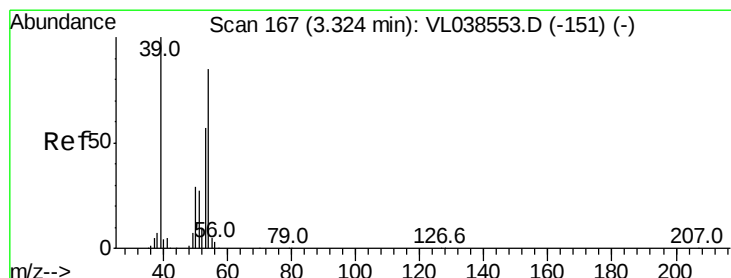
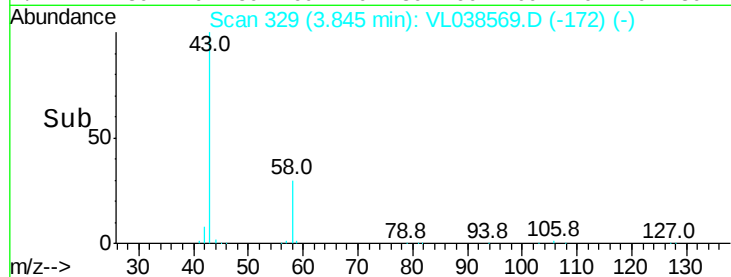
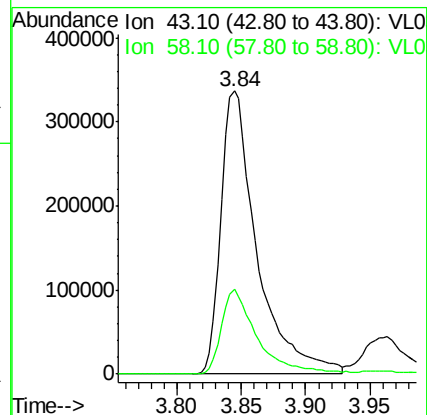
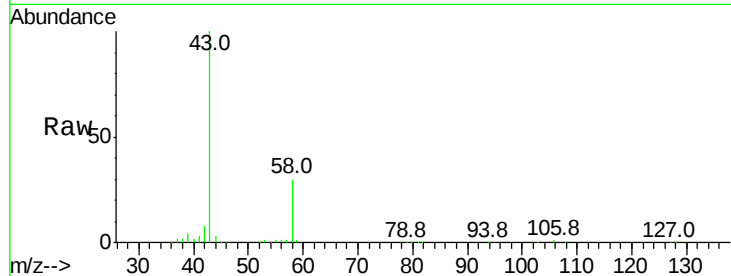
58 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#16

1,3-Butadiene

Concen: 9.73 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.00 min

Lab File: VL038569.D

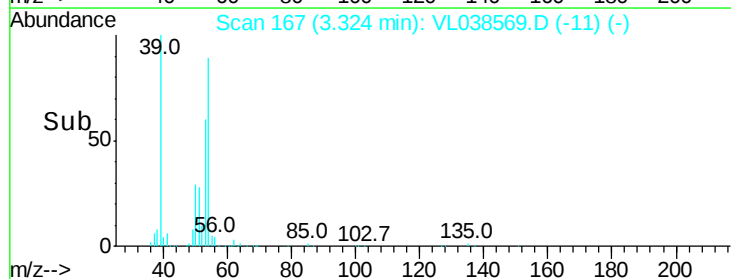
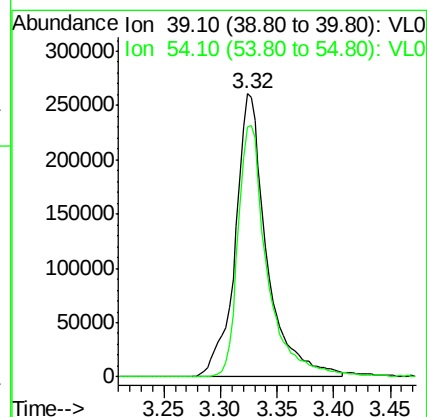
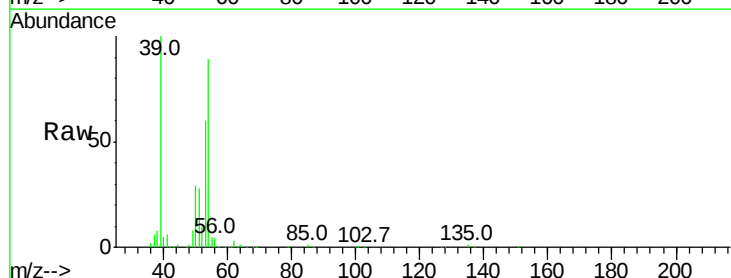
Acq: 9 Mar 2022 3:57

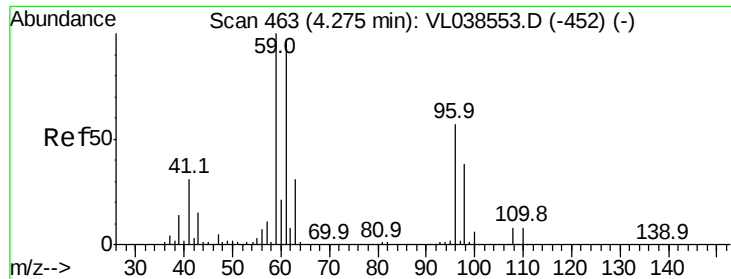
Tgt Ion: 39 Resp: 503991

Ion Ratio Lower Upper

39 100

54 83.3 64.2 96.2





#17

tert-Butyl alcohol

Concen: 9.84 ppbv

RT: 4.28 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:57 VSTDCCC010EC

Tgt Ion:

Ion Ratio

59 100

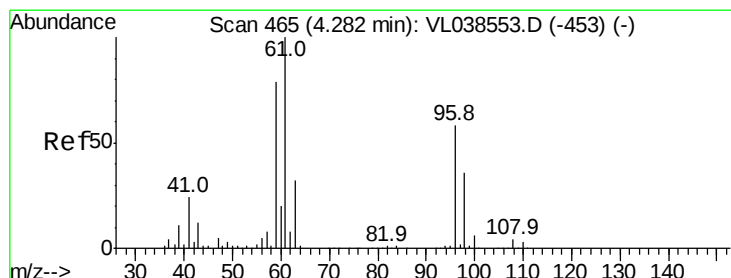
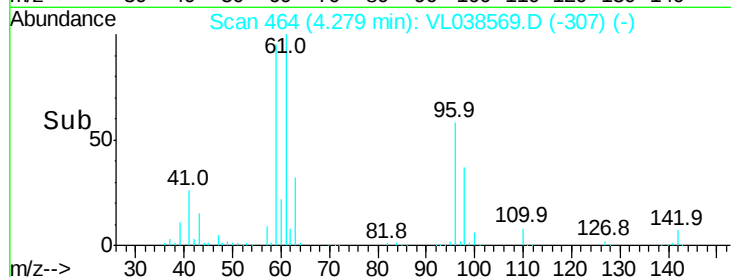
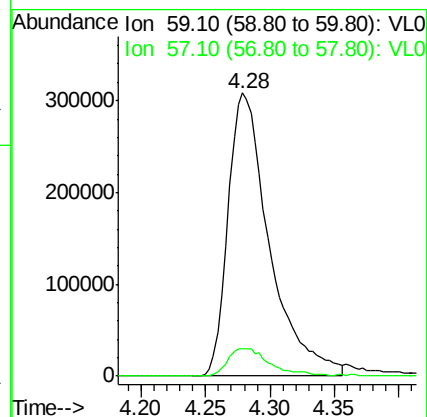
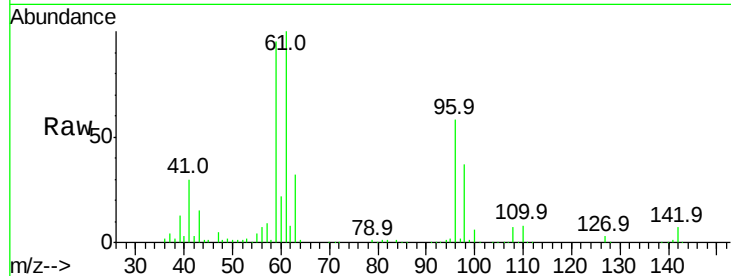
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#18

1,1-Dichloroethene

Concen: 9.85 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.00 min

Lab File: VL038569.D

Acq: 9 Mar 2022 3:57

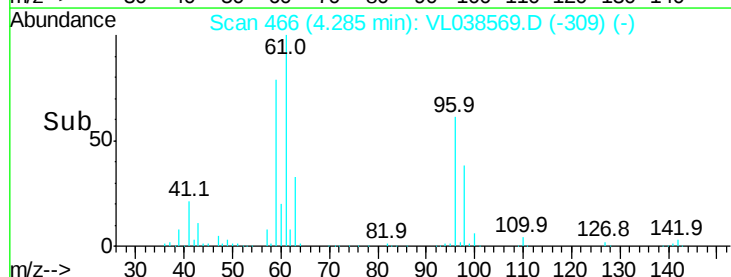
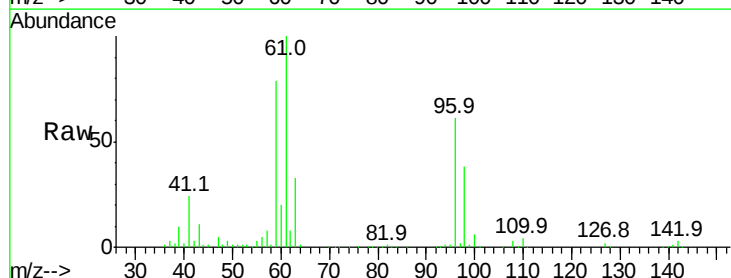
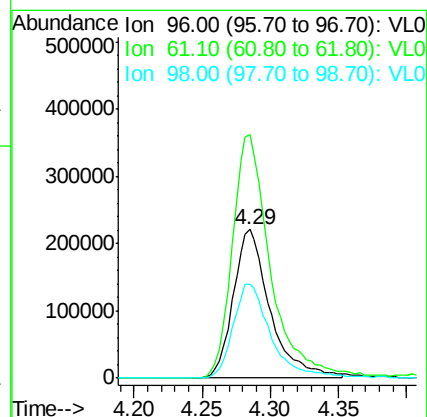
Tgt Ion: 96 Resp: 414851

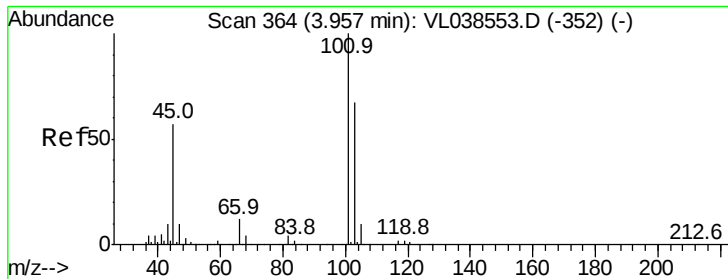
Ion Ratio Lower Upper

96 100

61 163.7 137.4 206.0

98 62.7 49.3 73.9





#19

Isopropyl Alcohol

Concen: 9.65 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 9 Mar 2022 3:57

Tgt Ion:

Ion Ratio

45 100

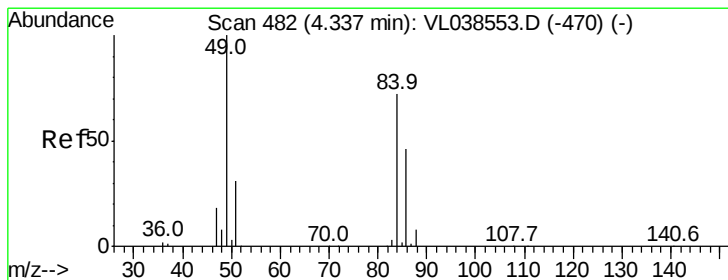
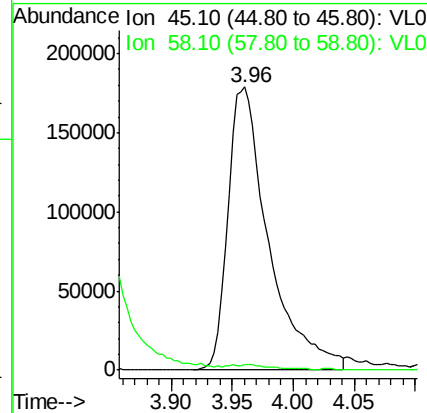
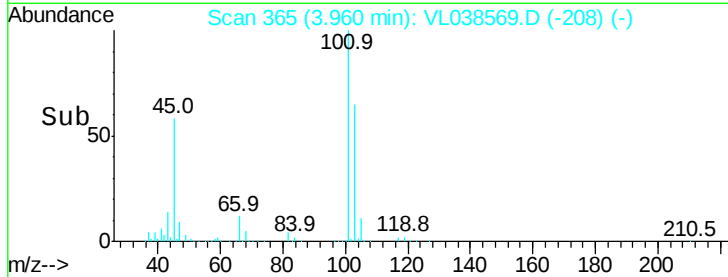
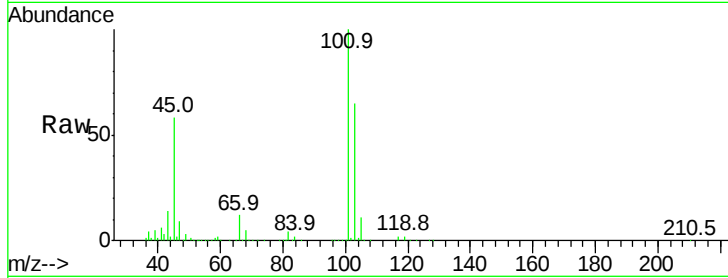
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#20

Methylene Chloride

Concen: 8.65 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL038569.D

Acq: 9 Mar 2022 3:57

Tgt Ion: 84 Resp: 335722

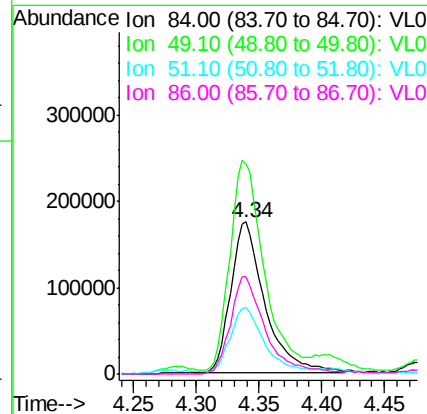
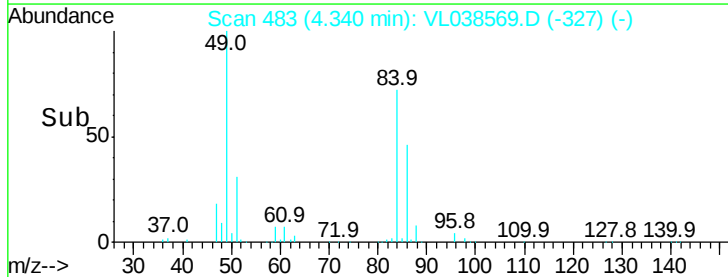
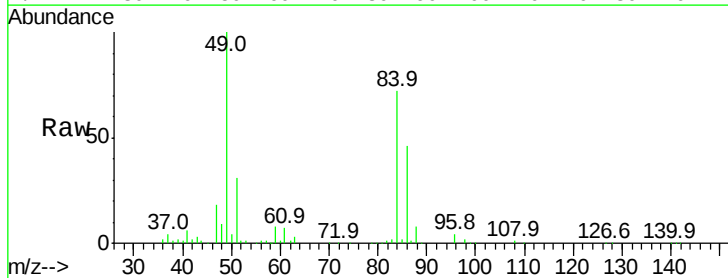
Ion Ratio Lower Upper

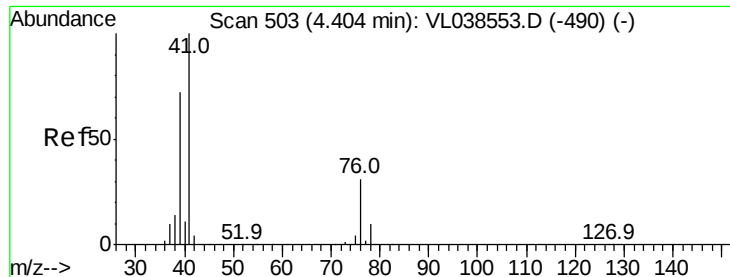
84 100

49 135.4 111.1 166.7

51 42.0 34.0 51.0

86 64.1 50.9 76.3





#21

Allyl Chloride

Concen: 10.05 ppbv

RT: 4.41 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:57 VSTDCCC010EC

Tgt Ion:

Ion Ratio

41 100

76 30.

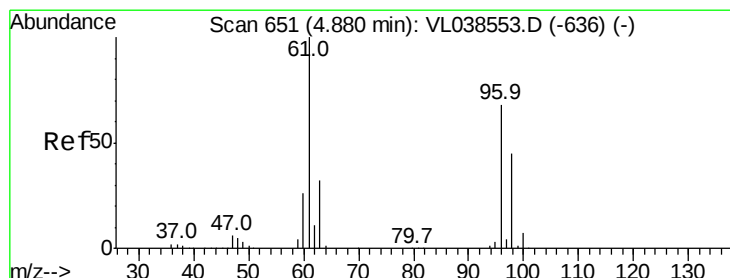
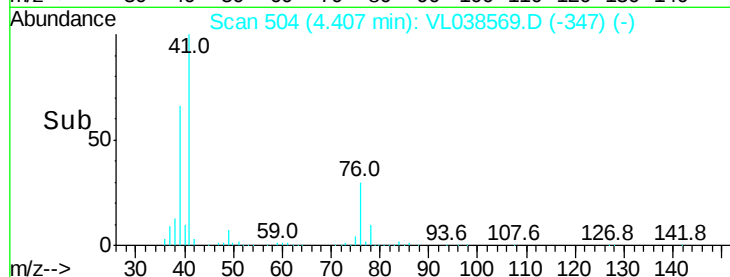
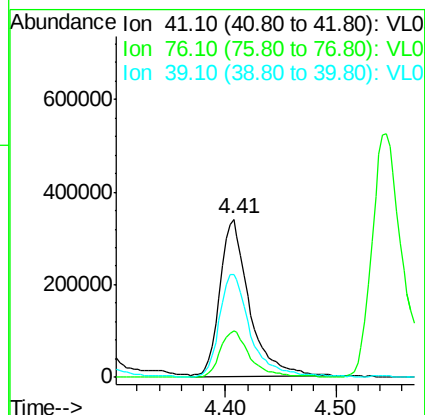
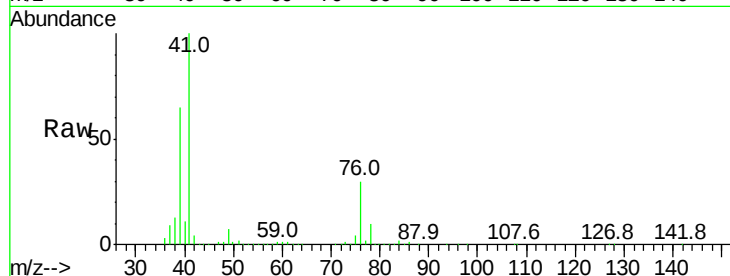
39 68.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#22

trans-1,2-Dichloroethene

Concen: 10.00 ppbv

RT: 4.88 min Scan# 650

Delta R.T. -0.00 min

Lab File: VL038569.D

Acq: 9 Mar 2022 3:57

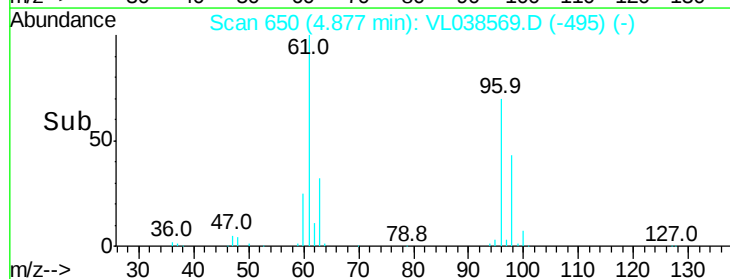
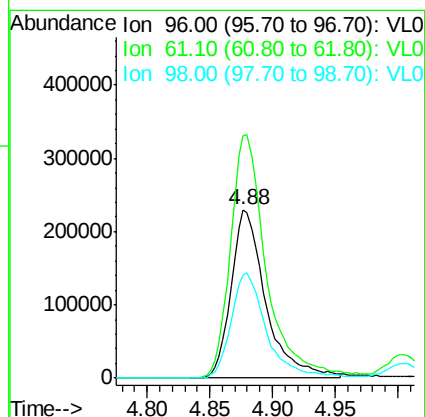
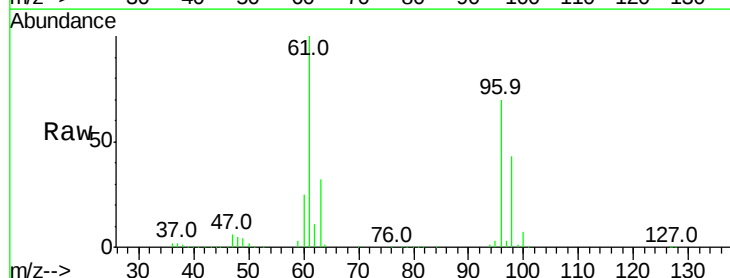
Tgt Ion: 96 Resp: 441588

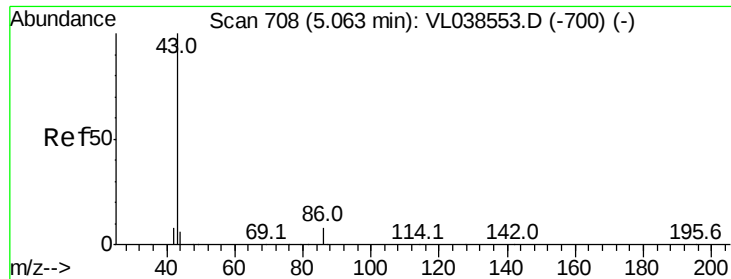
Ion Ratio Lower Upper

96 100

61 143.5 117.6 176.4

98 61.3 52.6 78.8



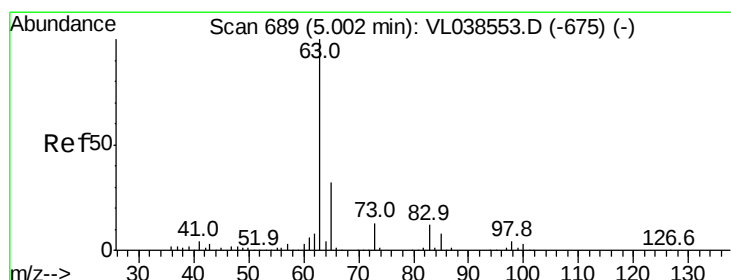
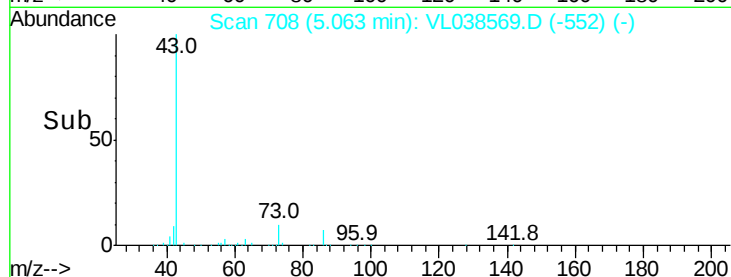
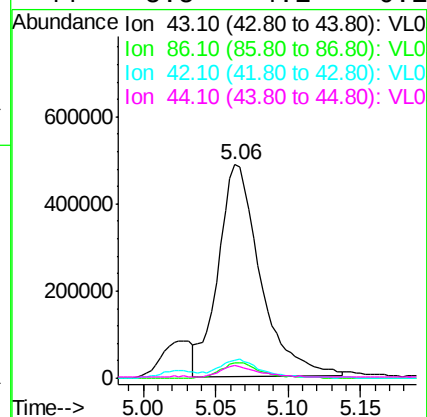
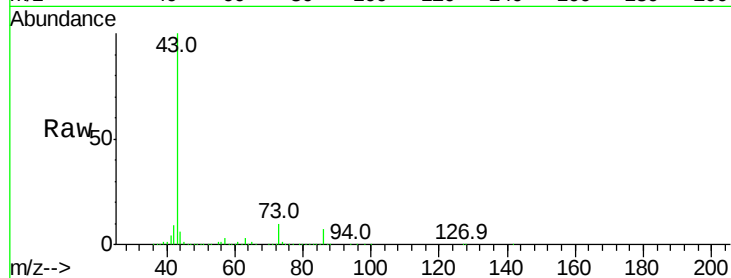


#23
 Vinyl Acetate
 Concen: 10.67 ppbv
 RT: 5.06
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VSTDCCC010EC
 Acq: 9 Mar 2022 3:57

Tgt Ion:
 Ion Ratio
 43 100
 86 7.
 42 8.
 44 5.5 4.1 6.1

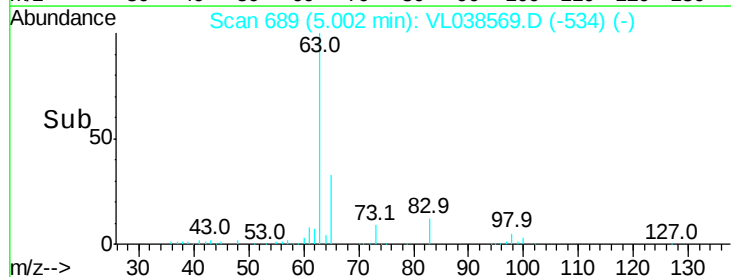
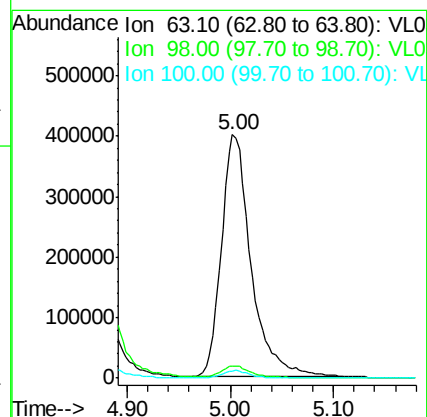
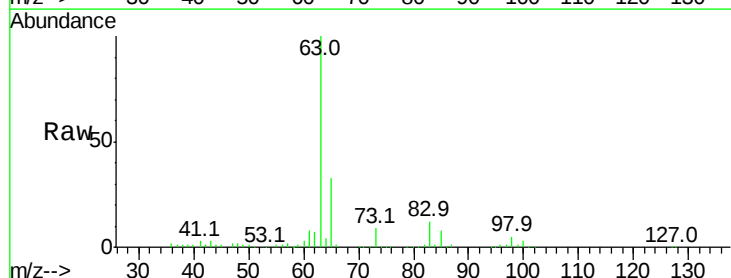
Manual Integrations
 APPROVED

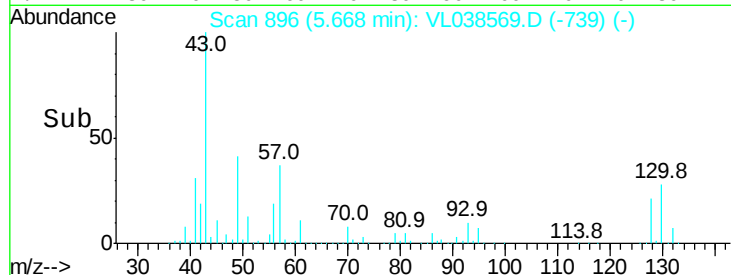
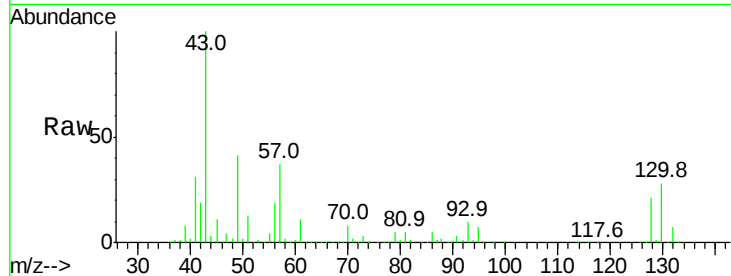
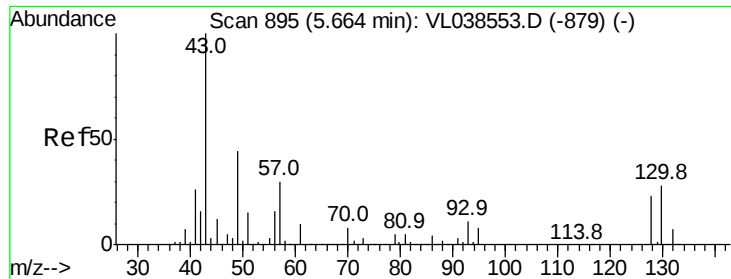
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#24
 1,1-Dichloroethane
 Concen: 9.54 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion: 63 Resp: 801547
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.2 6.6
 100 3.0 1.5 4.5





#25

Ethyl Acetate

Concen: 9.93 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 3:57

Tgt Ion:

Ion Ratio

43 100

45 9.

61 10.

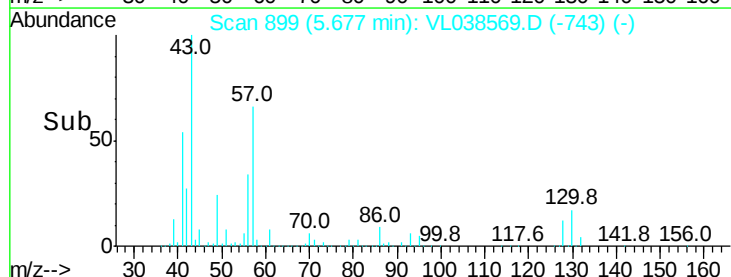
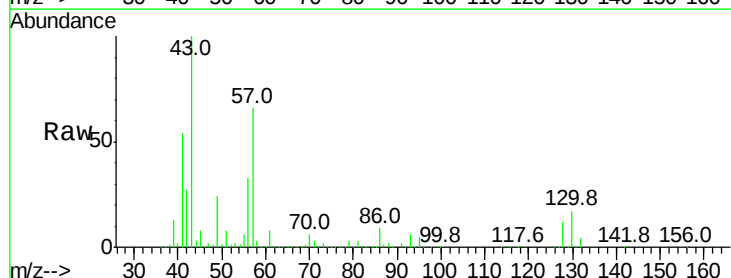
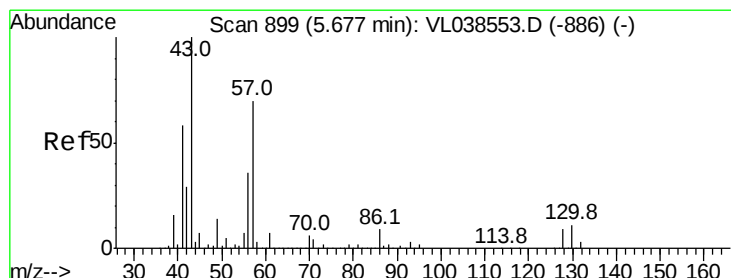
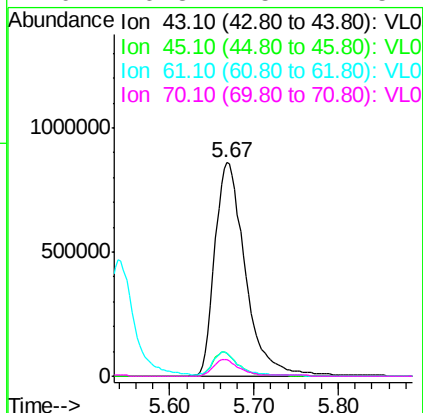
70 6.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#26

Hexane

Concen: 9.84 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.00 min

Lab File: VL038569.D

Acq: 9 Mar 2022 3:57

Tgt Ion: 57 Resp: 1003439

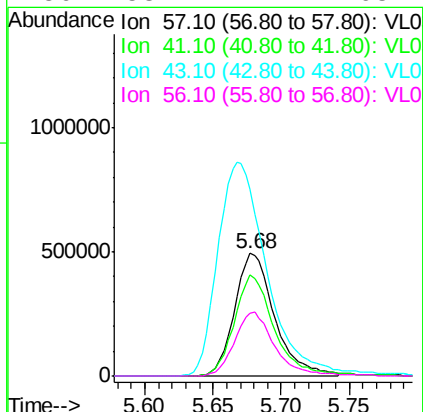
Ion Ratio Lower Upper

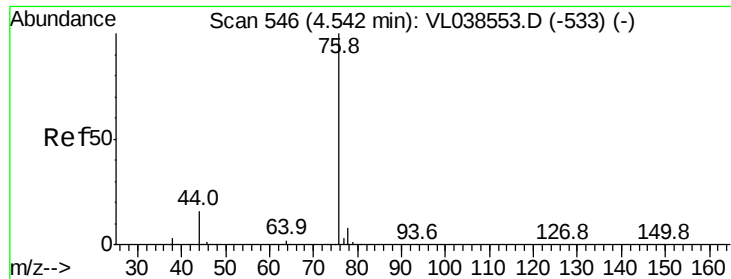
57 100

41 83.9 67.8 101.6

43 215.7 173.6 260.4

56 53.2 42.2 63.2





#27

Carbon Disulfide

Concen: 10.56 ppbv

RT: 4.55 Instrument: MSVOA_L

Delta R.T.:

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:57 VSTDCCC010EC

Tgt Ion:

Ion Ratio

76 100

44 15.

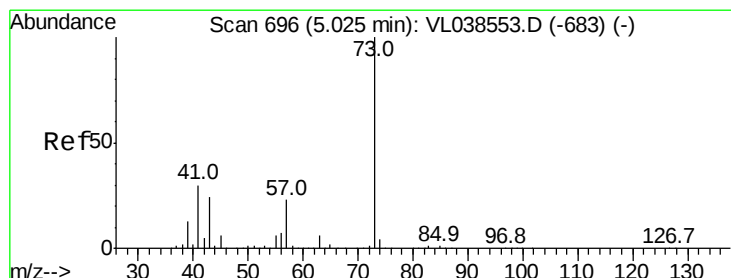
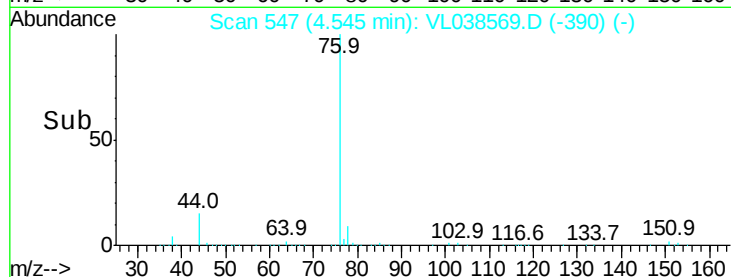
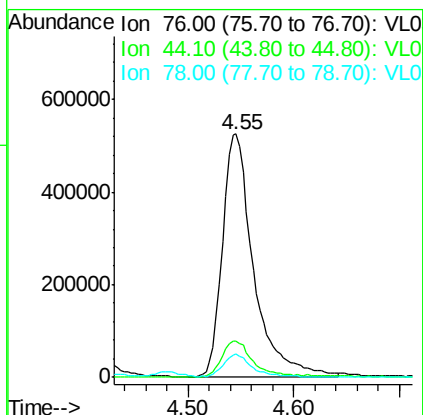
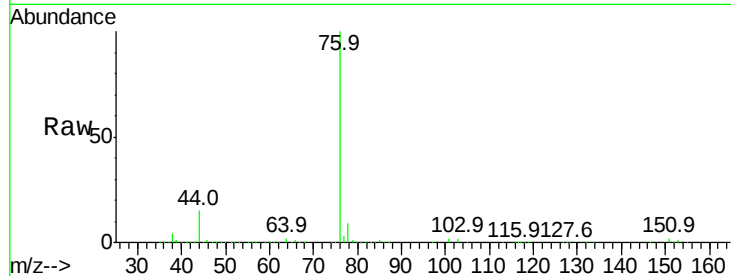
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#28

Methyl tert-Butyl Ether

Concen: 9.86 ppbv

RT: 5.02 min Scan# 696

Delta R.T. -0.00 min

Lab File: VL038569.D

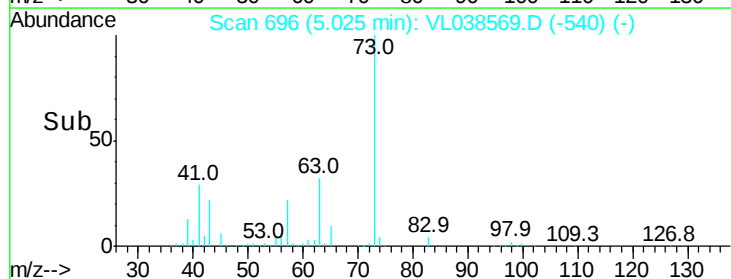
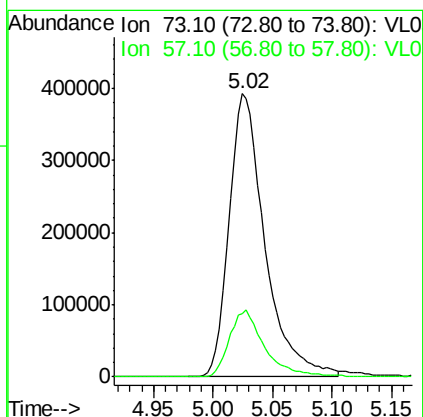
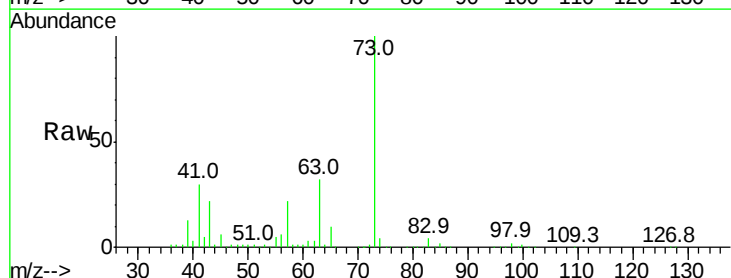
Acq: 9 Mar 2022 3:57

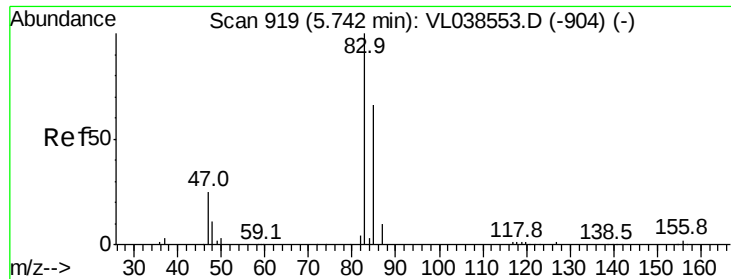
Tgt Ion: 73 Resp: 818132

Ion Ratio Lower Upper

73 100

57 23.7 18.8 28.2



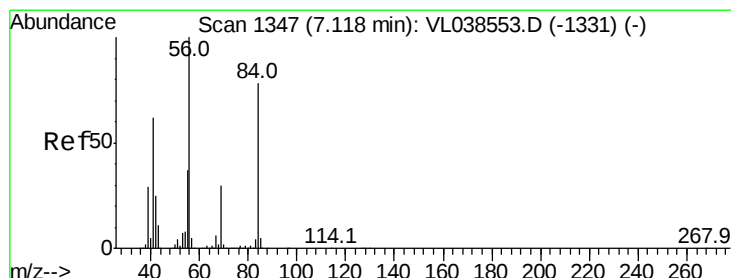
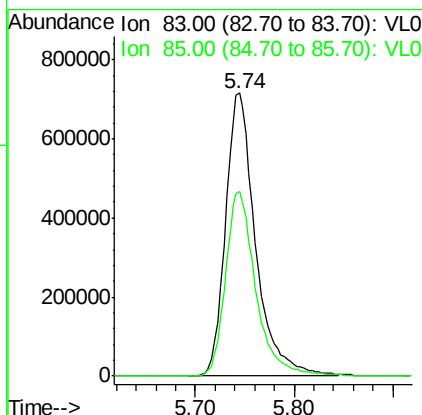
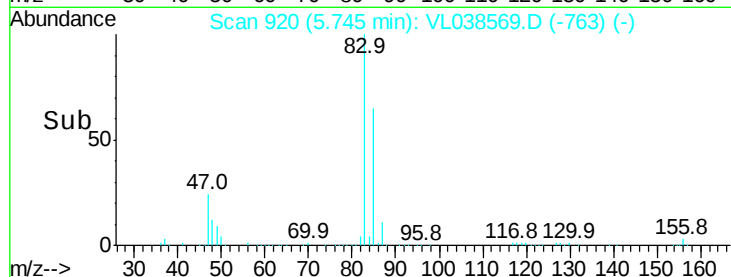
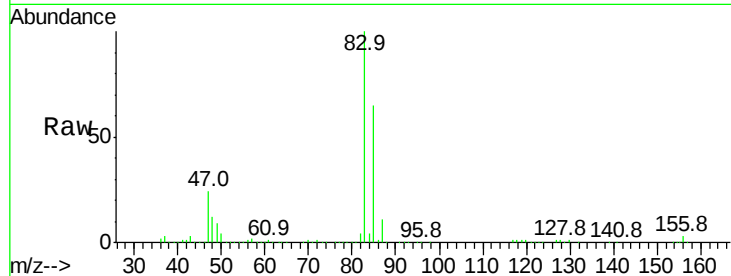


#29
Chloroform
Concen: 9.60 ppbv
RT: 5.74
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 3:57

Tgt Ion:
Ion Ratio
83 100
85 64.

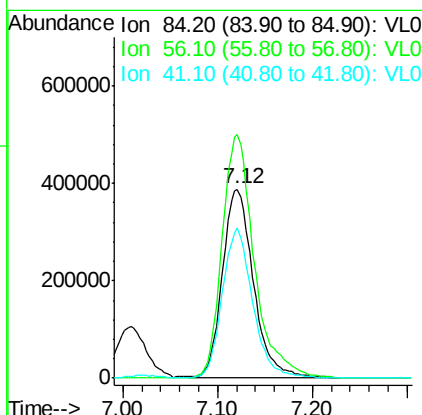
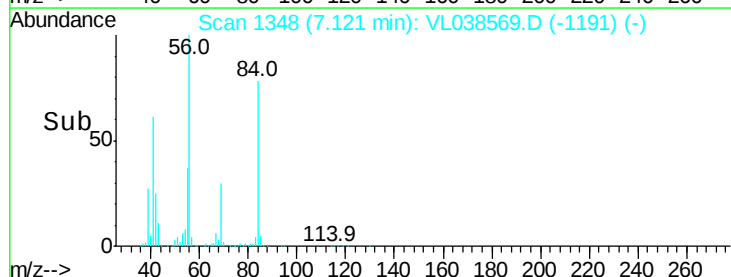
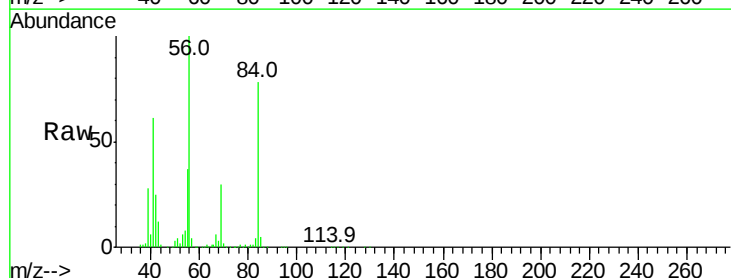
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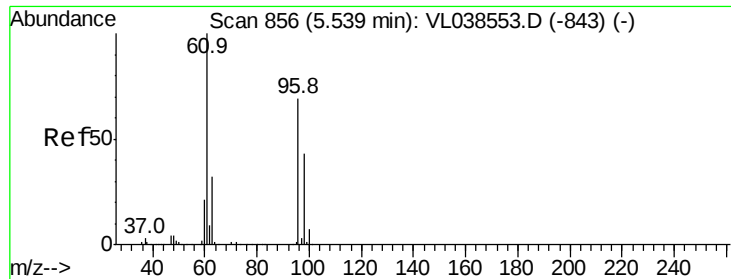
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#30
Cyclohexane
Concen: 9.98 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VL038569.D
Acq: 9 Mar 2022 3:57

Tgt Ion: 84 Resp: 880168
Ion Ratio Lower Upper
84 100
56 135.5 111.4 167.0
41 78.7 65.5 98.3



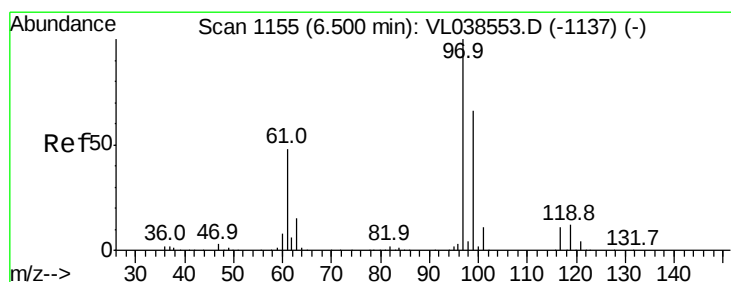
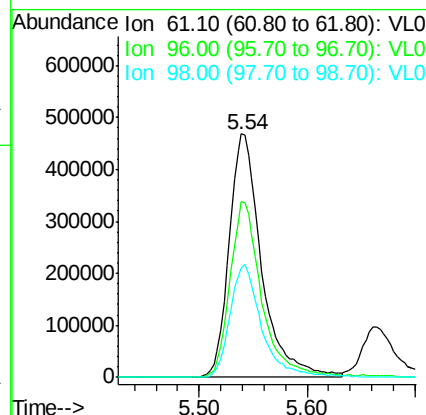
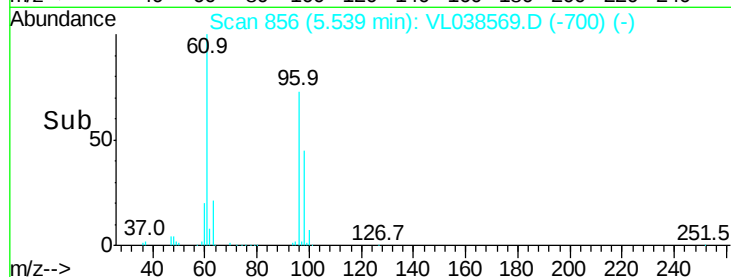
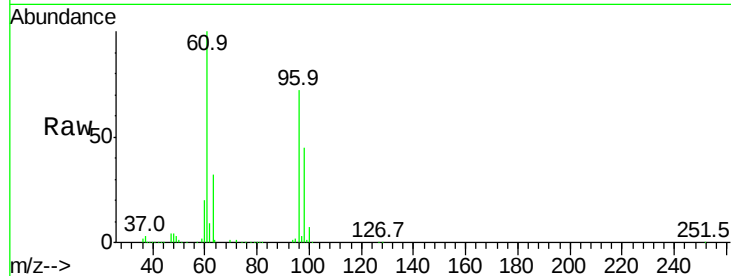


#31
 cis-1,2-Dichloroethene
 Concen: 10.01 ppbv
 RT: 5.54
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 9 Mar 2022 3:57

Tgt Ion:
 Ion Ratio
 61 100
 96 72.
 98 44.

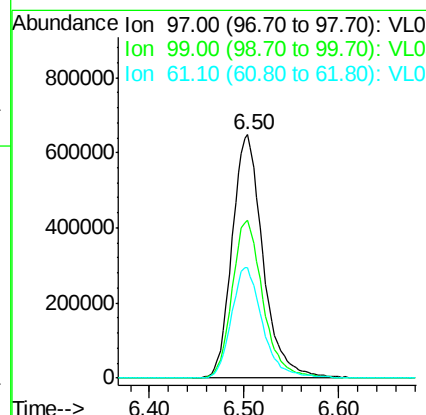
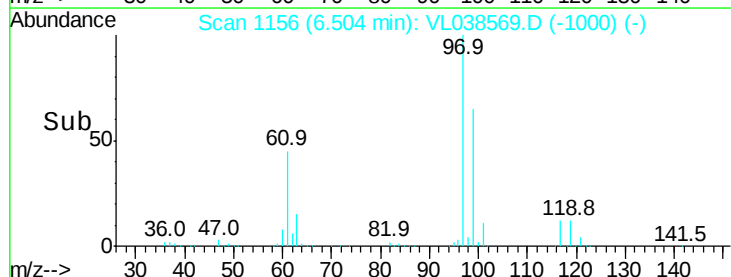
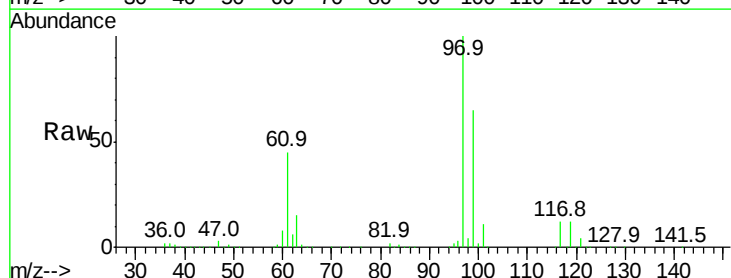
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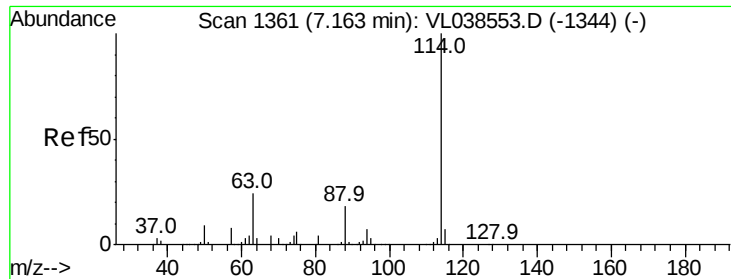
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.57 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion: 97 Resp: 1472589
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.1 78.1
 61 46.2 37.7 56.5



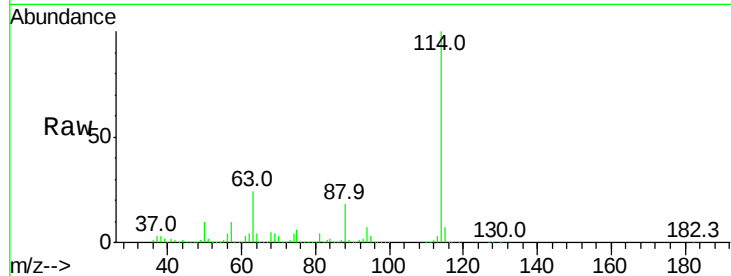


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 9 Mar 2022 3:57

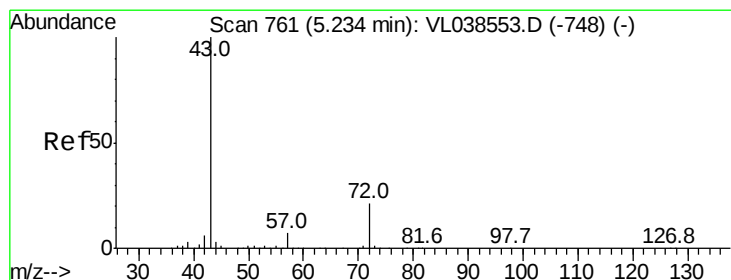
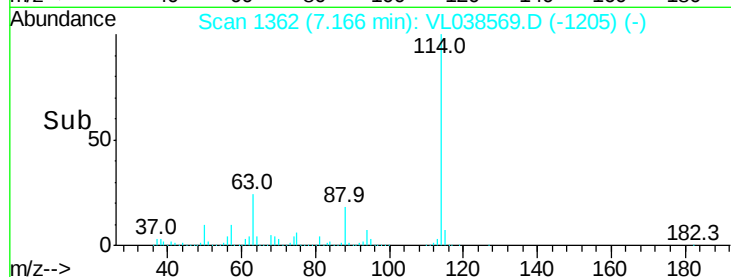
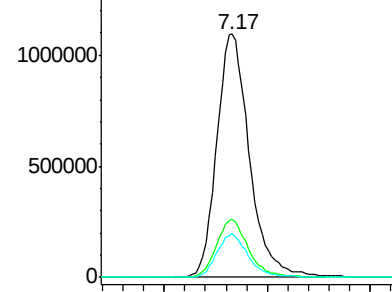
Tgt Ion: 114.0
 Ion Ratio
 114 100
 63 23.3
 88 17.8

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Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

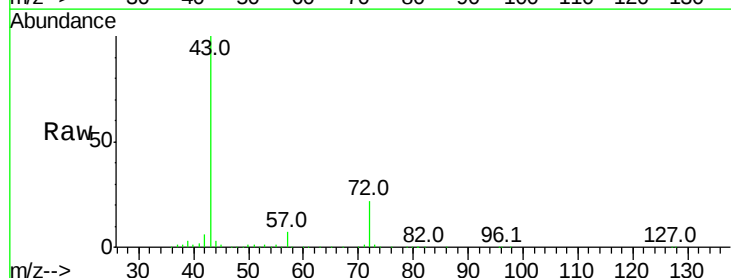


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

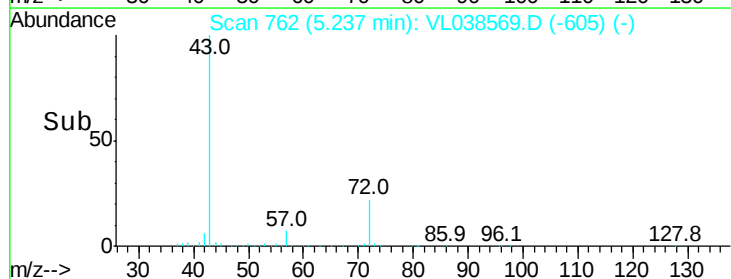
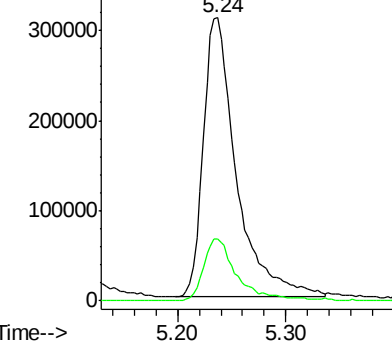


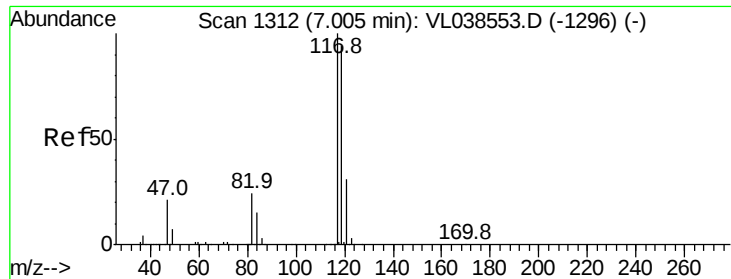
#34
 2-Butanone
 Concen: 10.56 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T.: 0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion: 43 Resp: 661725
 Ion Ratio Lower Upper
 43 100
 72 23.3 17.8 26.6



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



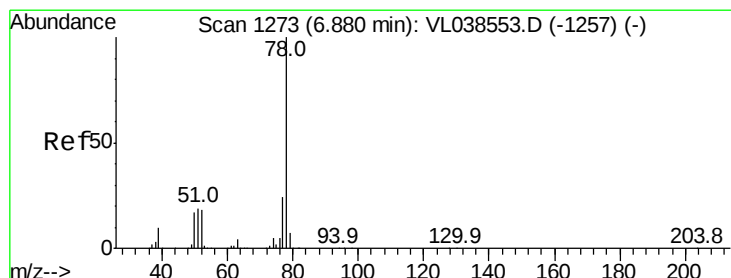
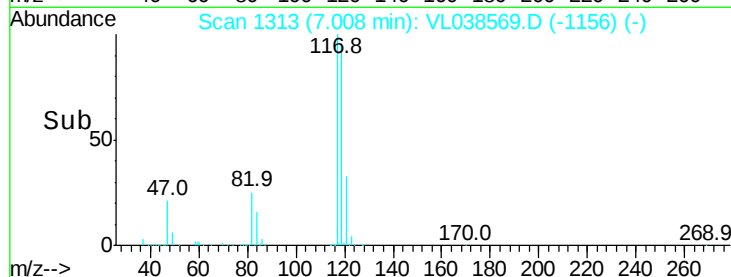
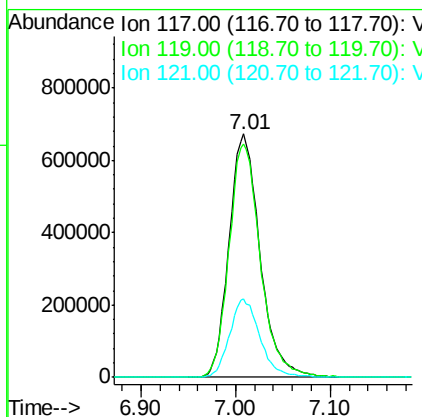
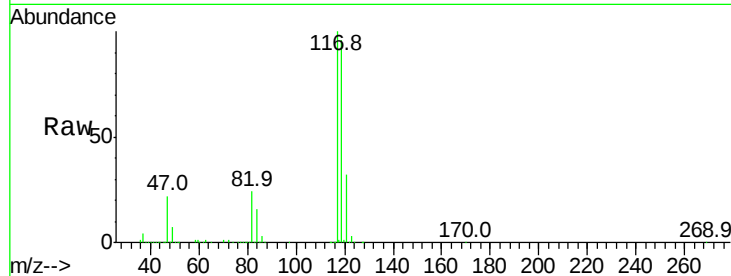


#35
Carbon Tetrachloride
Concen: 9.31 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:57

Tgt Ion:1
Ion Rati
117 100
119 95.
121 32.

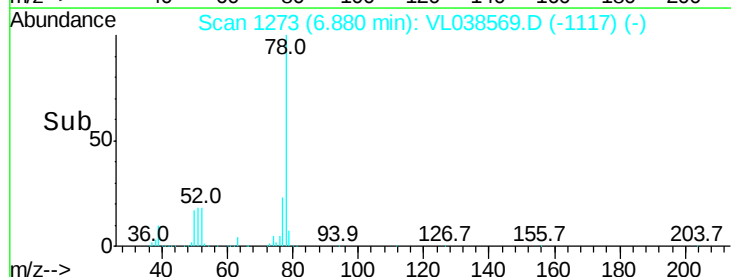
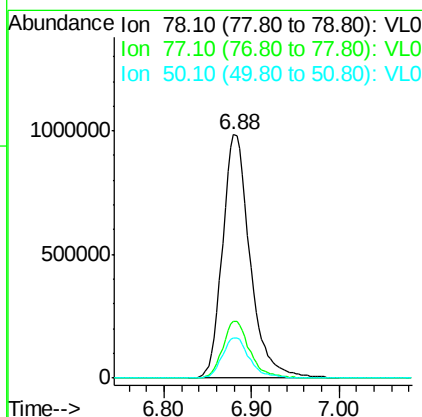
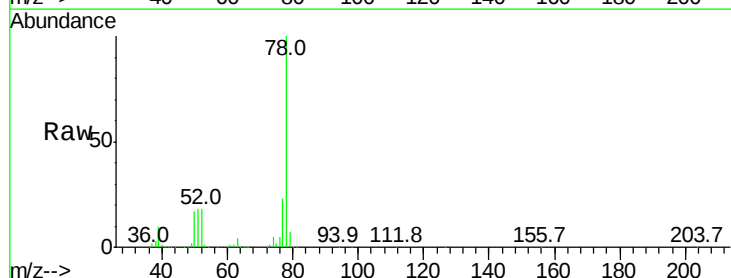
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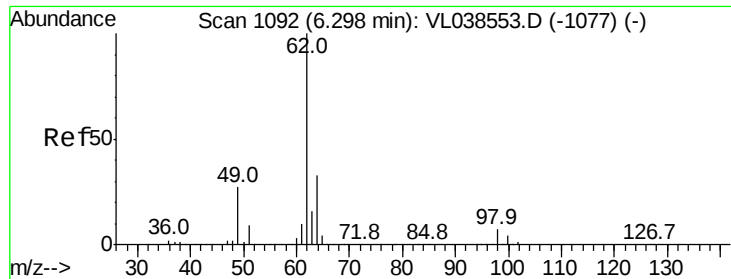
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#36
Benzene
Concen: 9.88 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VL038569.D
Acq: 9 Mar 2022 3:57

Tgt Ion: 78 Resp: 2154424
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4
50 16.6 13.9 20.9



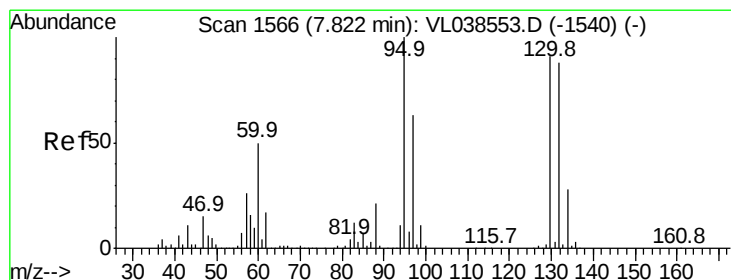
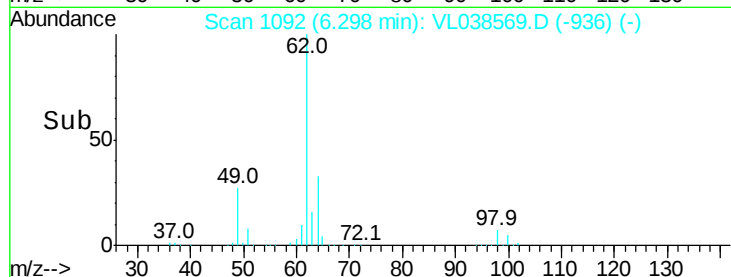
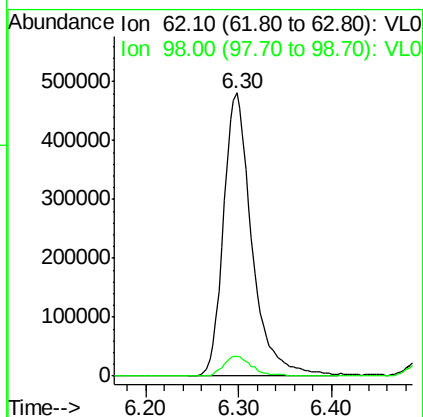
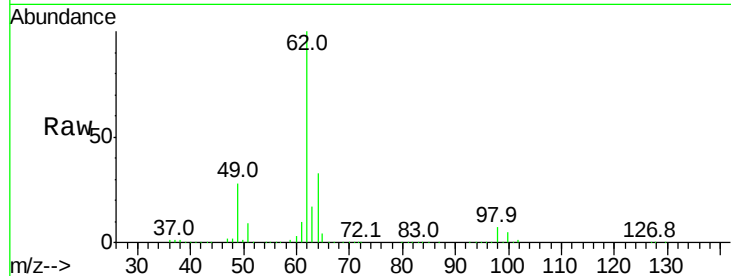


#37
 1,2-Dichloroethane
 Concen: 9.84 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:57

Tgt Ion:
 Ion Ratio
 62 100
 98 7.

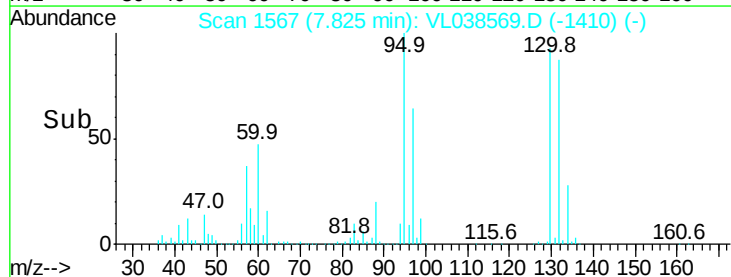
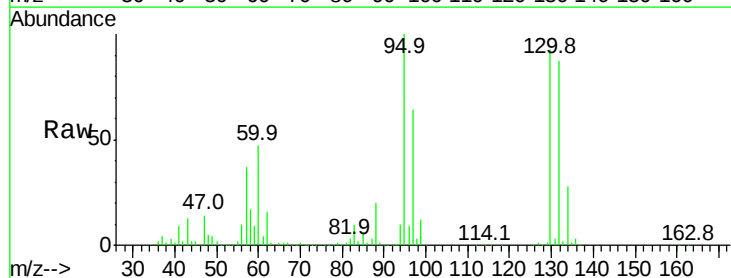
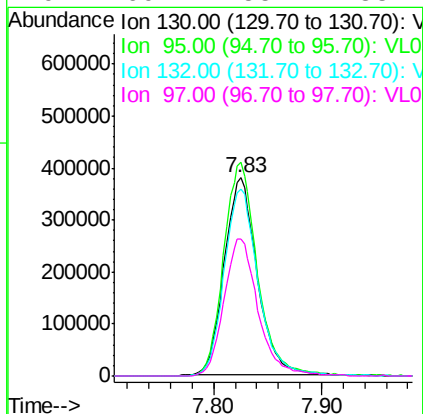
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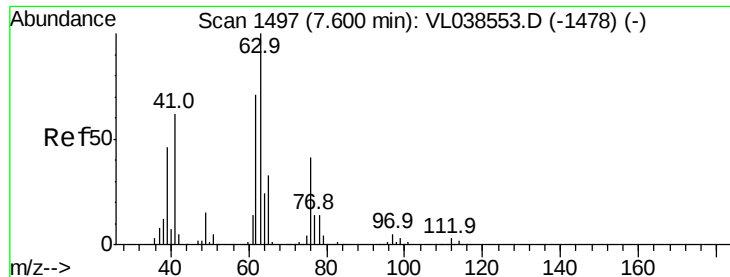
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#38
 Trichloroethene
 Concen: 9.25 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion:130 Resp: 805837
 Ion Ratio Lower Upper
 130 100
 95 108.3 87.8 131.8
 132 94.5 77.5 116.3
 97 69.7 55.4 83.2



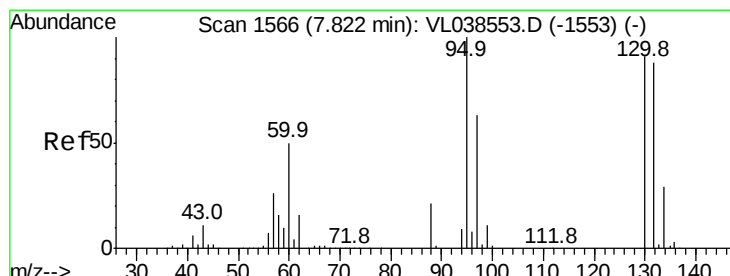
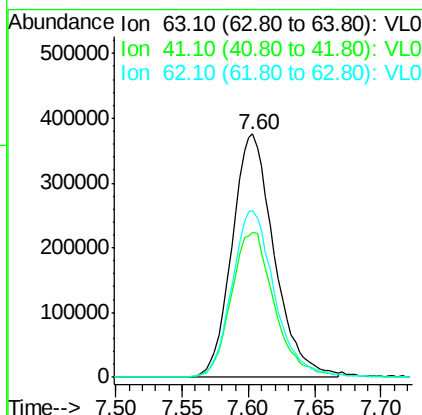
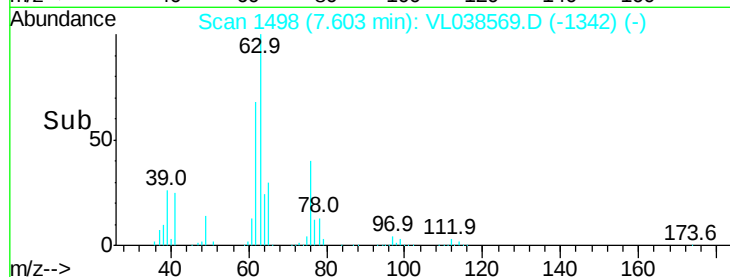
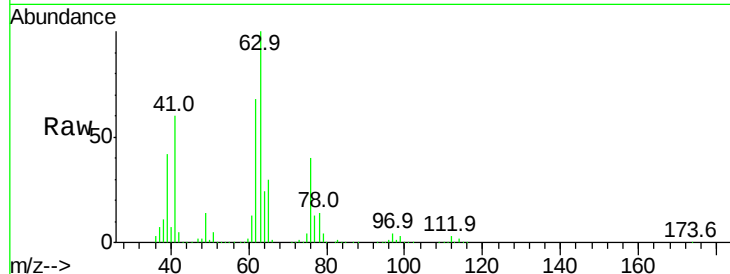


#39
 1,2-Dichloropropane
 Concen: 9.87 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:57 VSTDCCC010EC

Tgt Ion:
 Ion Ratio
 63 100
 41 59.
 62 68.

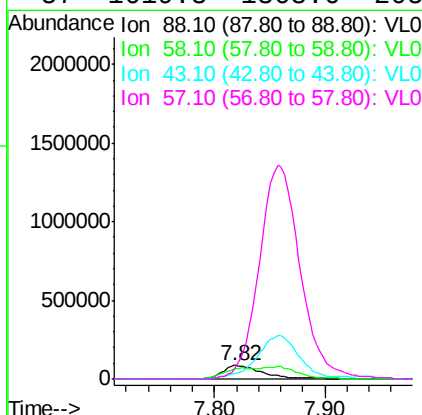
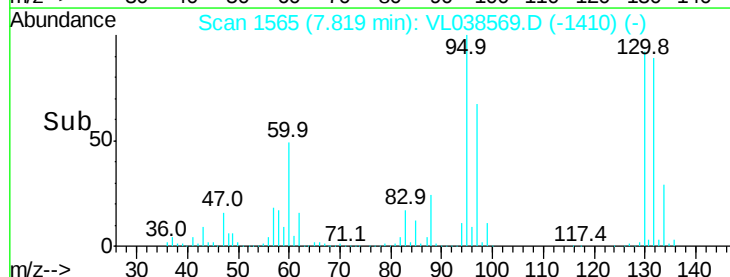
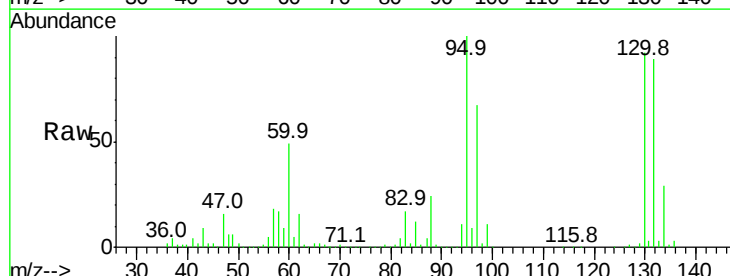
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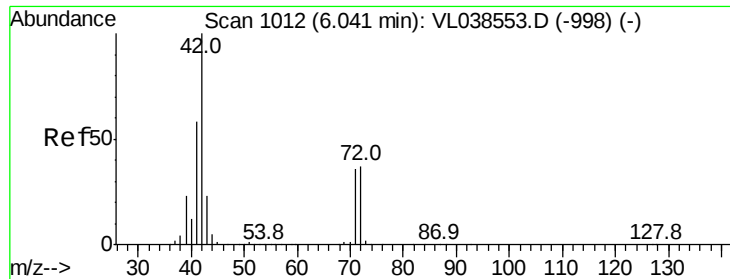
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#40
 1,4-Dioxane
 Concen: 10.34 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion: 88 Resp: 217008
 Ion Ratio Lower Upper
 88 100
 58 149.3 126.7 190.1
 43 341.1 303.0 454.6
 57 1619.8 1368.6 2053.0



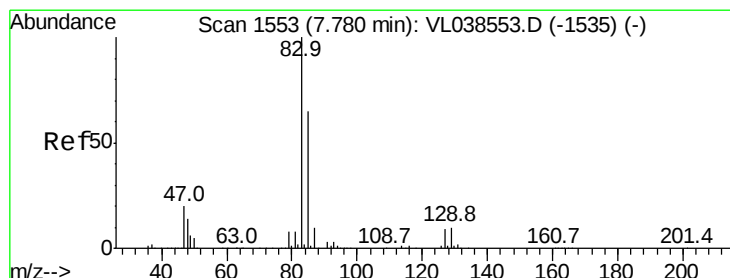
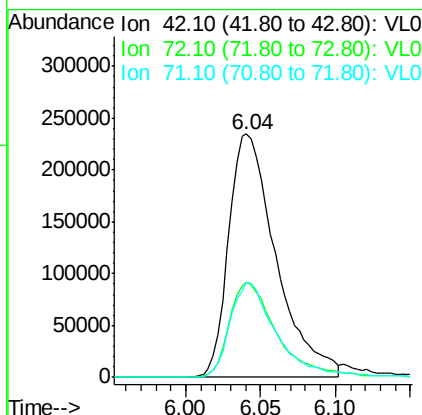
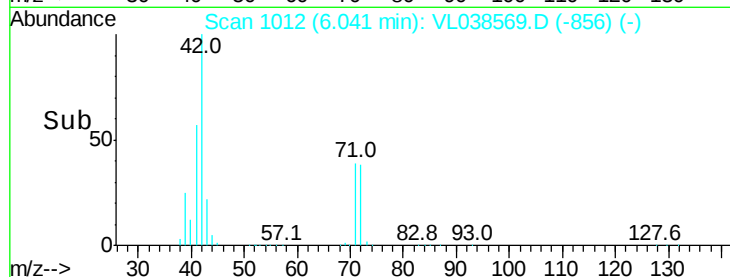
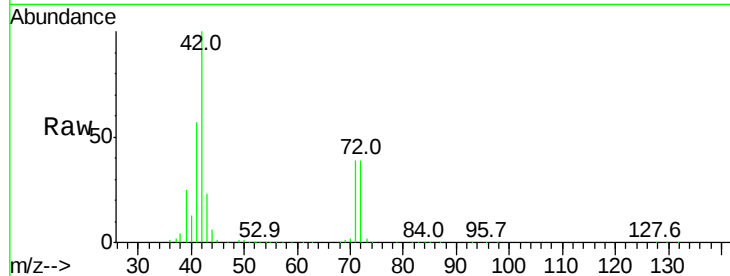


#41
Tetrahydrofuran
Concen: 10.07 ppbv
RT: 6.04
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:57

Tgt Ion:
Ion Ratio
42 100
72 40.
71 39.

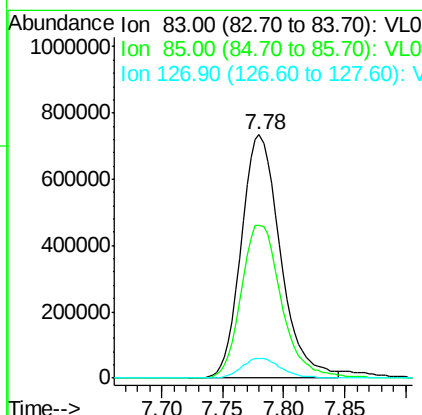
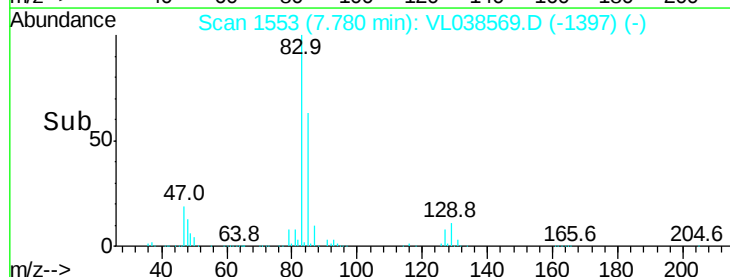
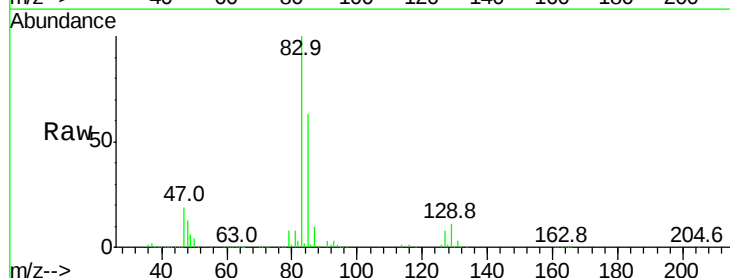
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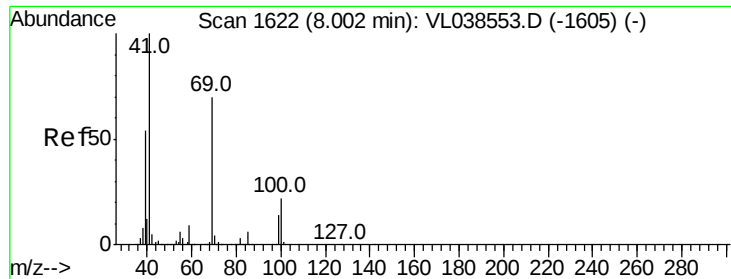
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#42
Bromodichloromethane
Concen: 9.85 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VL038569.D
Acq: 9 Mar 2022 3:57

Tgt Ion: 83 Resp: 1627797
Ion Ratio Lower Upper
83 100
85 62.9 51.7 77.5
127 8.0 6.9 10.3



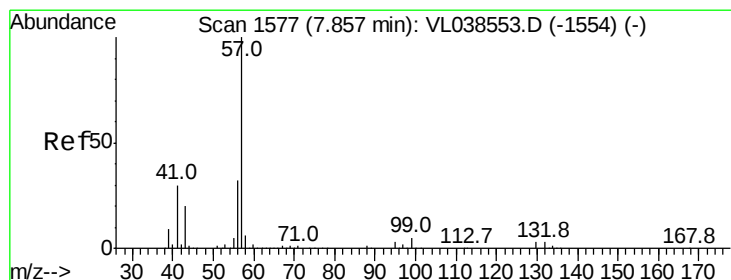
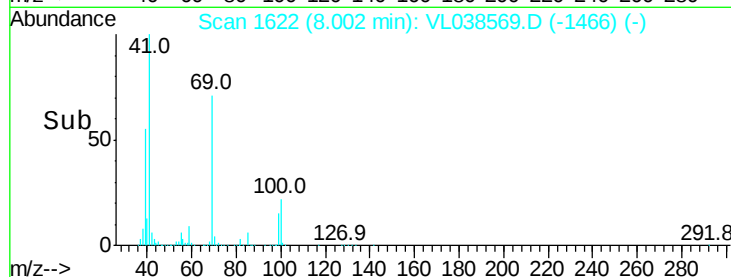
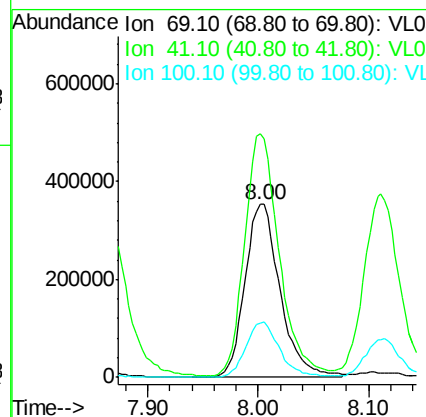
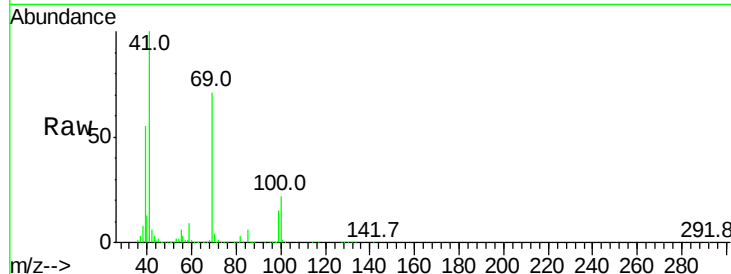


#43
Methyl Methacrylate
Concen: 10.44 ppbv
RT: 8.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:57

Tgt Ion:
Ion Ratio
69 100
41 138.
100 31.

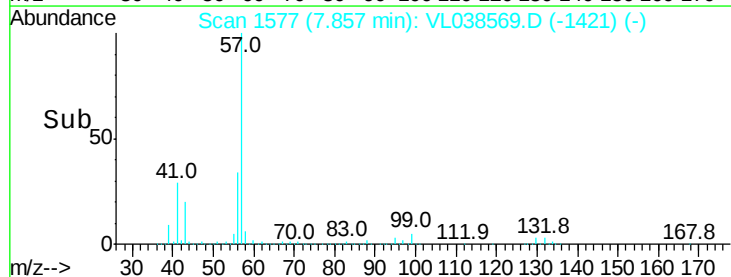
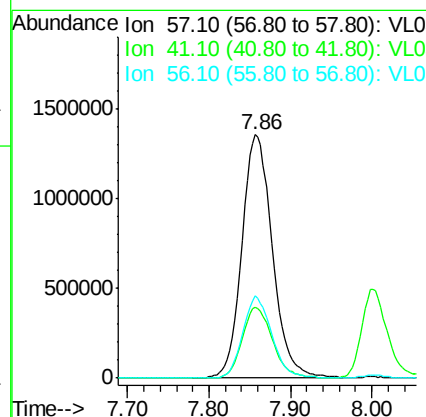
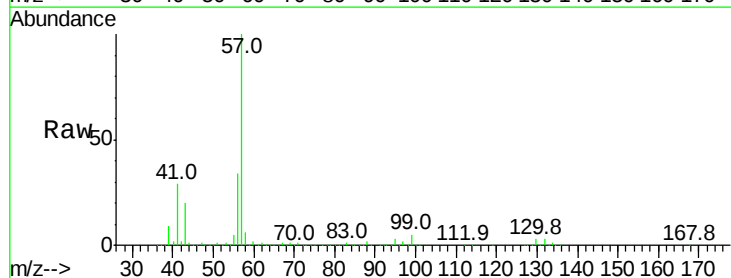
Manual Integrations
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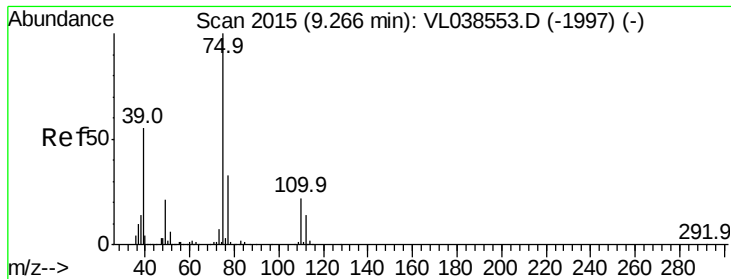
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#44
2,2,4-Trimethylpentane
Concen: 9.52 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VL038569.D
Acq: 9 Mar 2022 3:57

Tgt Ion: 57 Resp: 3510774
Ion Ratio Lower Upper
57 100
41 29.1 24.0 36.0
56 32.0 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 11.45 ppbv

RT: 9.27 Instrument: MSVOA_L

Delta R.T. -0.00 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 9 Mar 2022 3:57

Tgt Ion:

Ion Ratio

75 100

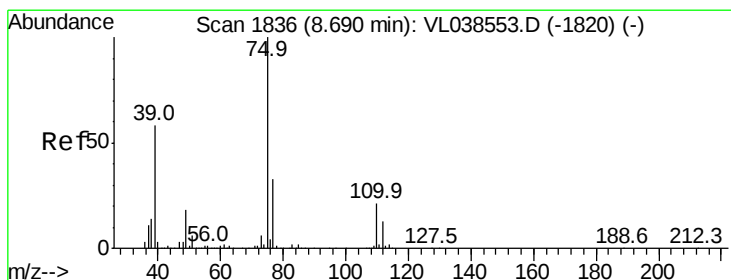
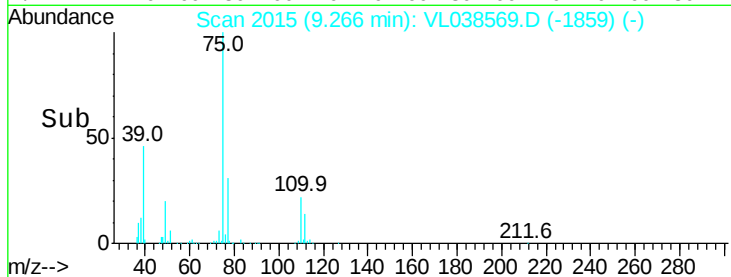
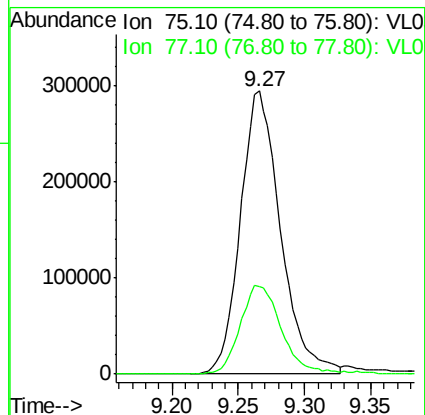
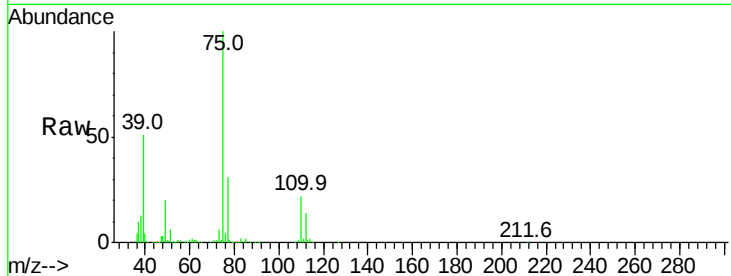
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#46

cis-1,3-Dichloropropene

Concen: 10.97 ppbv

RT: 8.69 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VL038569.D

Acq: 9 Mar 2022 3:57

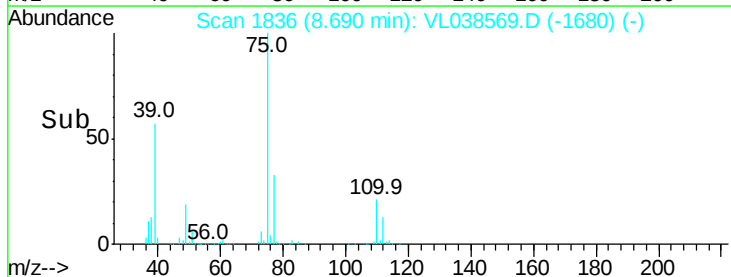
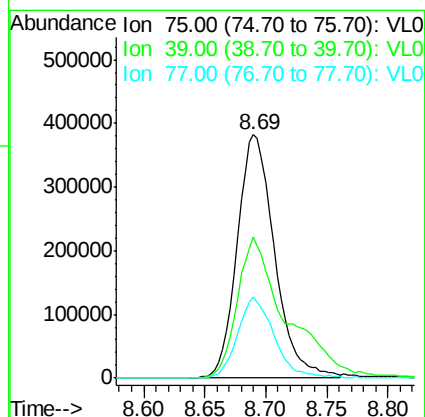
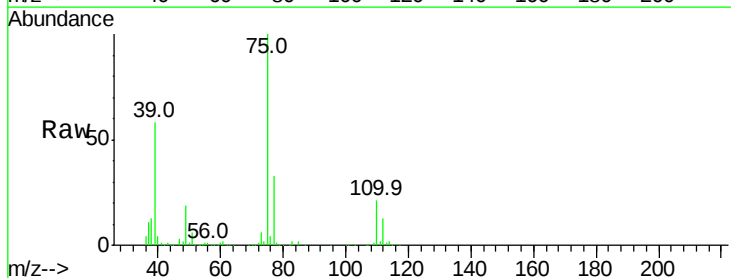
Tgt Ion: 75 Resp: 809296

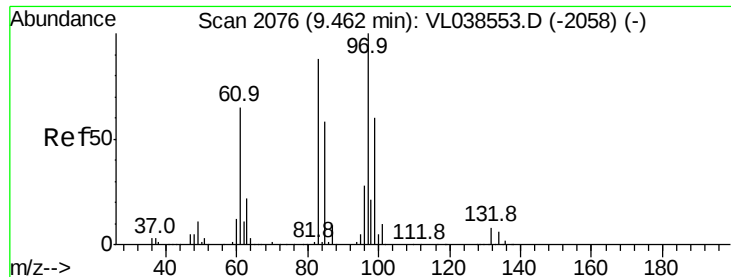
Ion Ratio Lower Upper

75 100

39 57.8 46.2 69.2

77 33.1 26.2 39.2



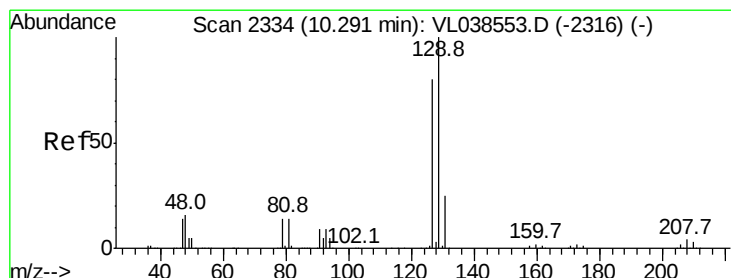
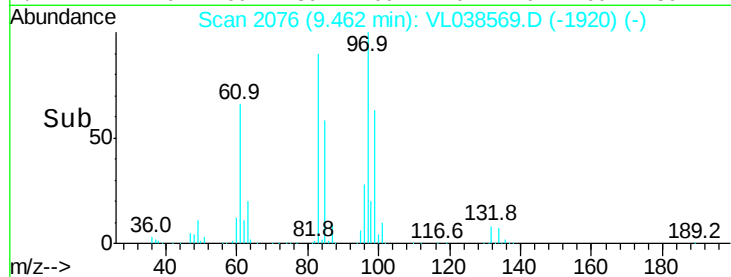
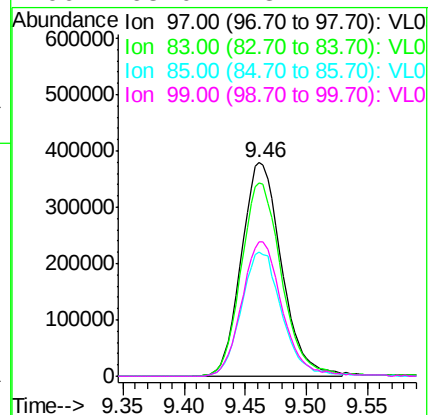
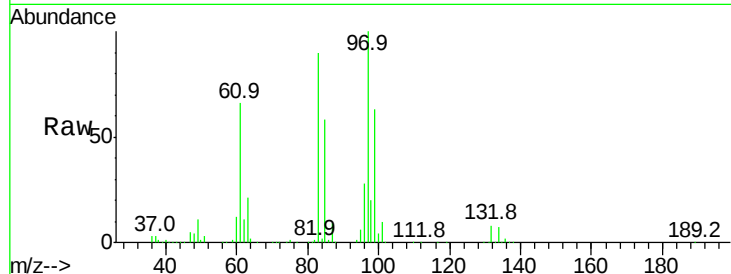


#47
 1,1,2-Trichloroethane
 Concen: 10.12 ppbv
 RT: 9.46
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 9 Mar 2022 3:57

Tgt Ion:
 Ion Ratio
 97 100
 83 90.
 85 58.
 99 63.0 48.1 72.1

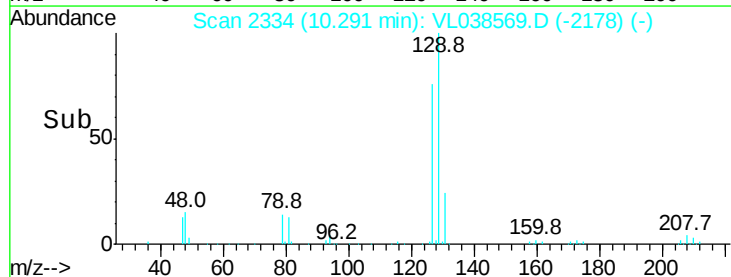
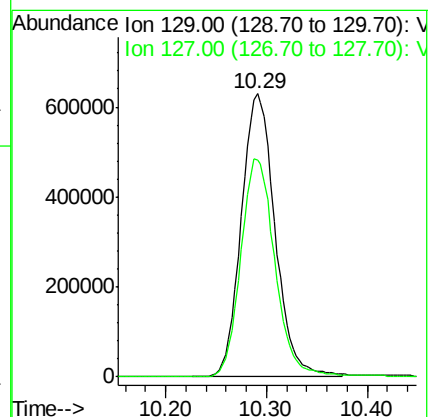
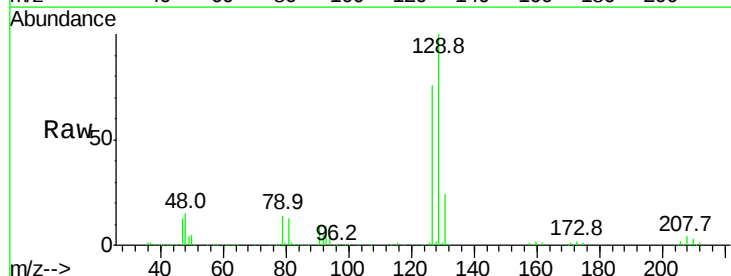
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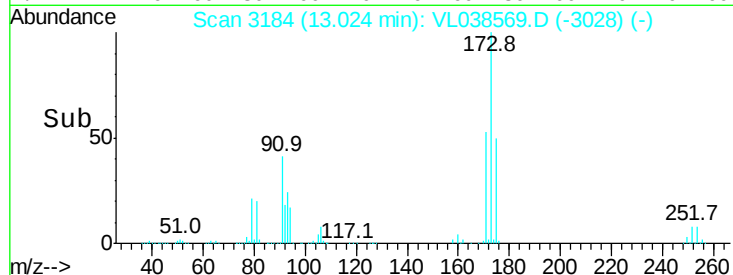
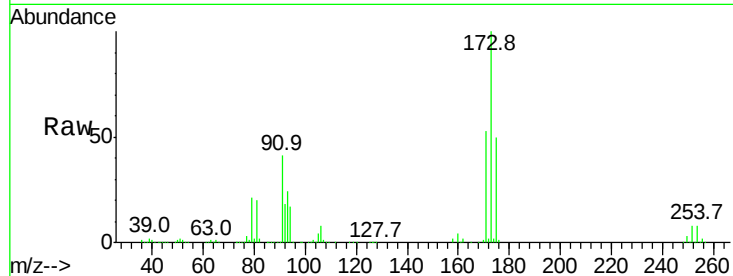
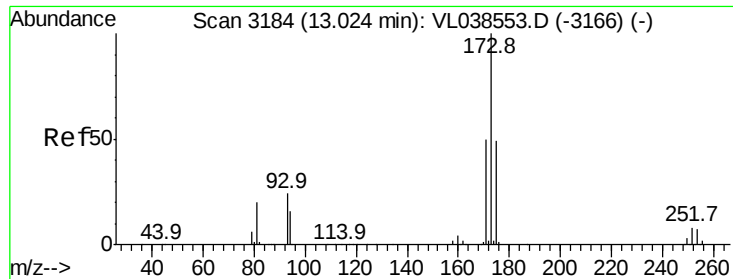
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#48
 Dibromochloromethane
 Concen: 10.79 ppbv
 RT: 10.29 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion:129 Resp: 1464131
 Ion Ratio Lower Upper
 129 100
 127 78.5 39.5 118.3





#49

Bromoform

Concen: 11.64 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:57

Tgt Ion:1

Ion Ratio

173 100

175 50.

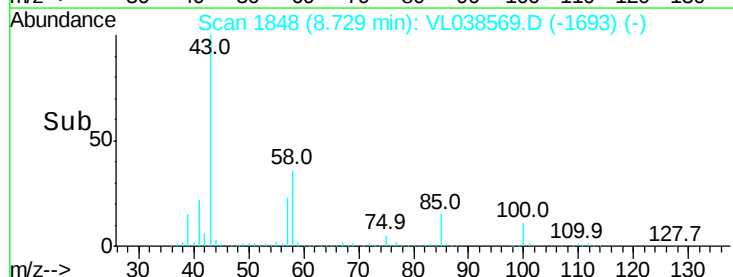
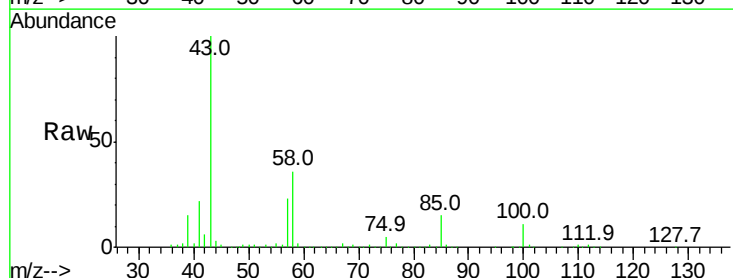
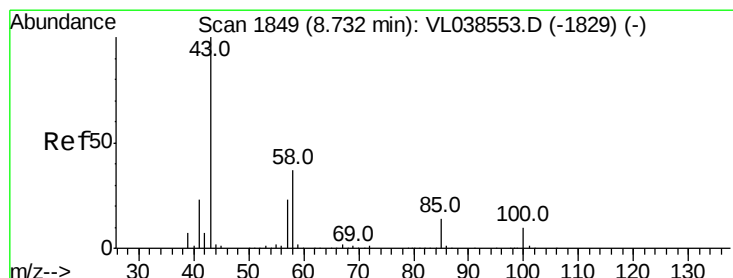
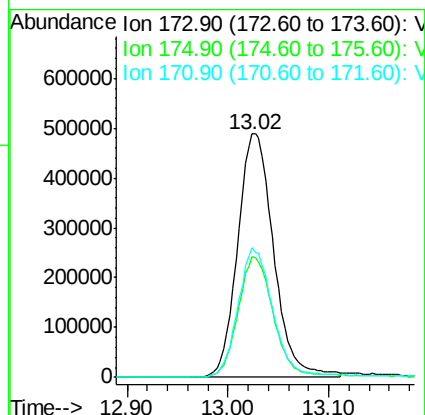
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#50

4-Methyl-2-Pentanone

Concen: 10.19 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VL038569.D

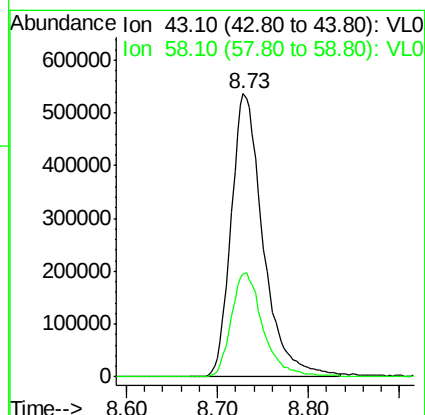
Acq: 9 Mar 2022 3:57

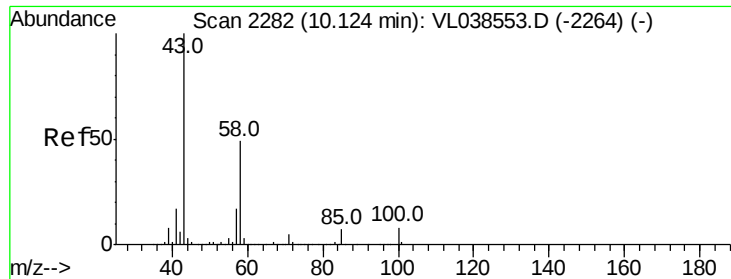
Tgt Ion: 43 Resp: 1308945

Ion Ratio Lower Upper

43 100

58 37.0 29.2 43.8



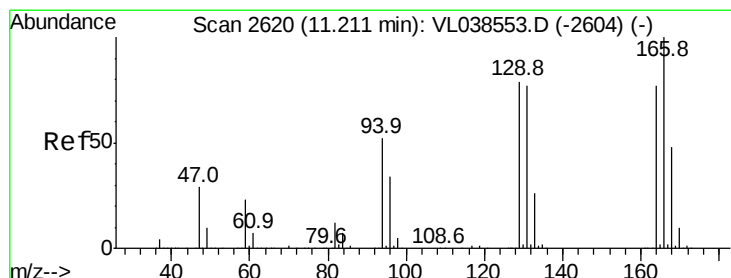
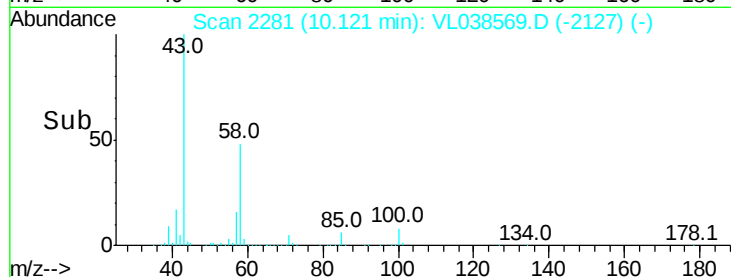
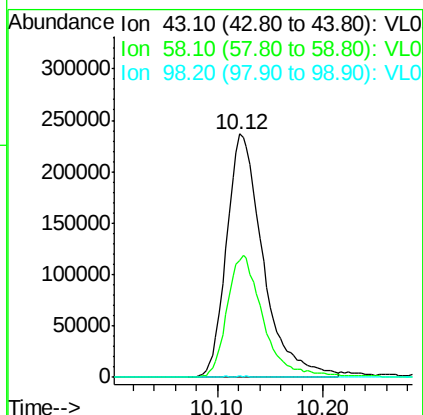
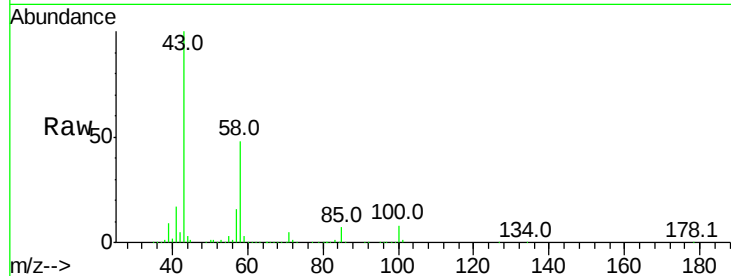


#51
2-Hexanone
Concen: 10.49 ppbv
RT: 10.12 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:57

Tgt Ion:
Ion Ratio
43 100
58 50.
98 0.

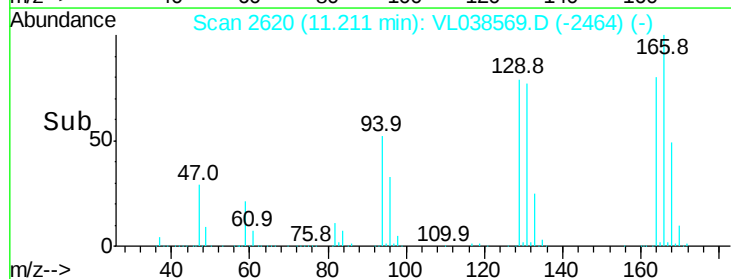
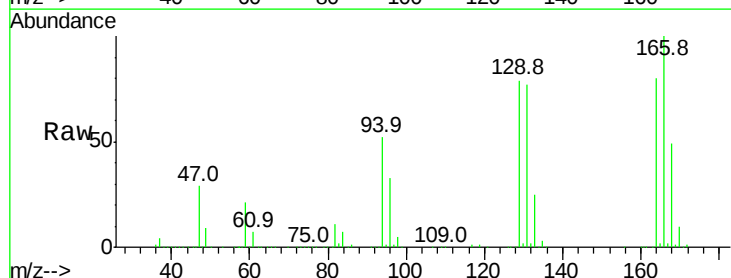
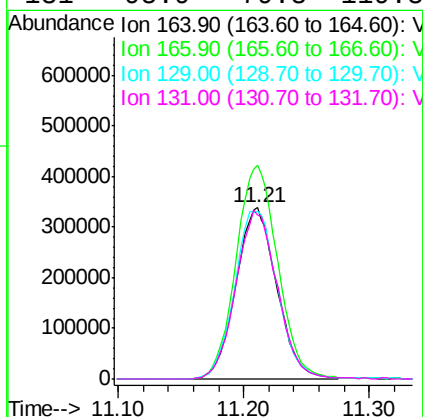
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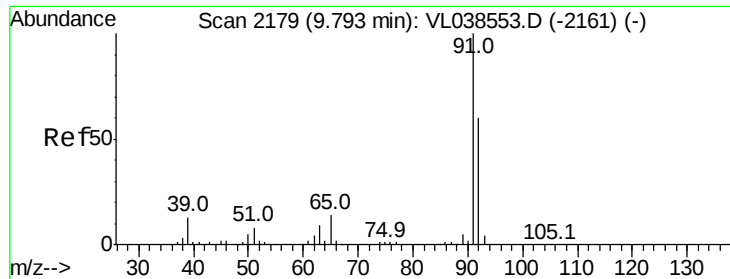
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#52
Tetrachloroethene
Concen: 9.60 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.00 min
Lab File: VL038569.D
Acq: 9 Mar 2022 3:57

Tgt Ion:164 Resp: 766991
Ion Ratio Lower Upper
164 100
166 124.8 103.4 155.2
129 98.1 81.3 121.9
131 95.9 79.8 119.8





#53

Toluene

Concen: 10.40 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 3:57

Tgt Ion:

Ion Ratio

91 100

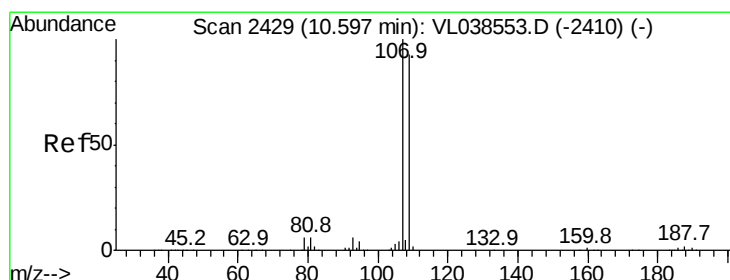
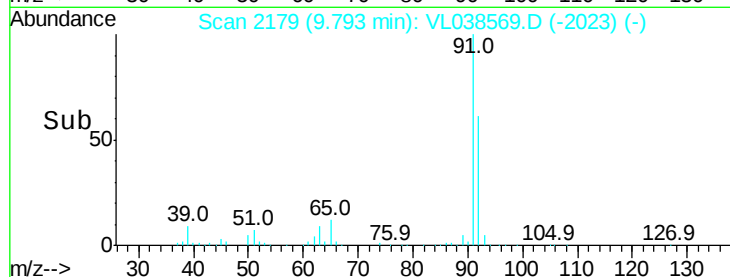
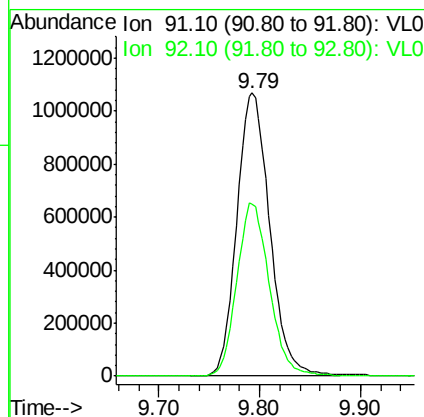
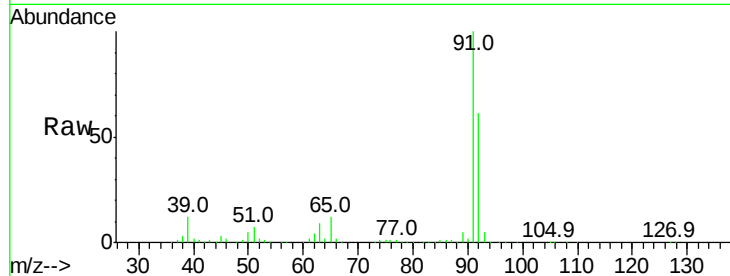
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#54

1,2-Dibromoethane

Concen: 10.26 ppbv

RT: 10.60 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VL038569.D

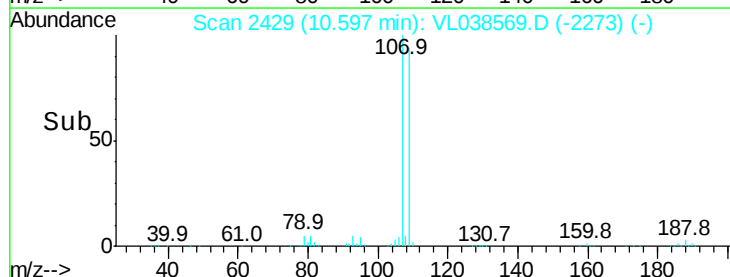
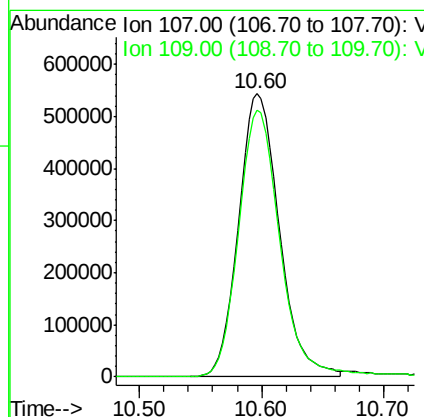
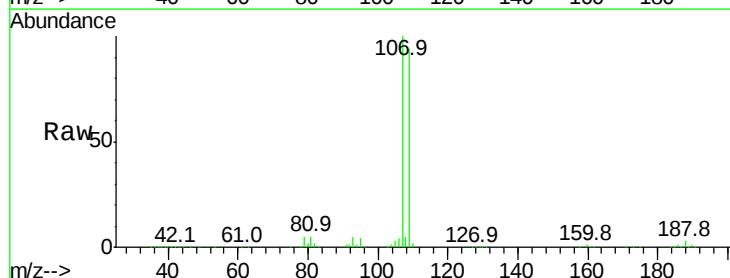
Acq: 9 Mar 2022 3:57

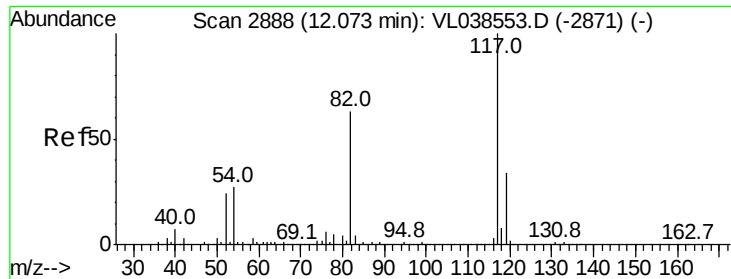
Tgt Ion:107 Resp: 1252765

Ion Ratio Lower Upper

107 100

109 94.5 74.6 112.0



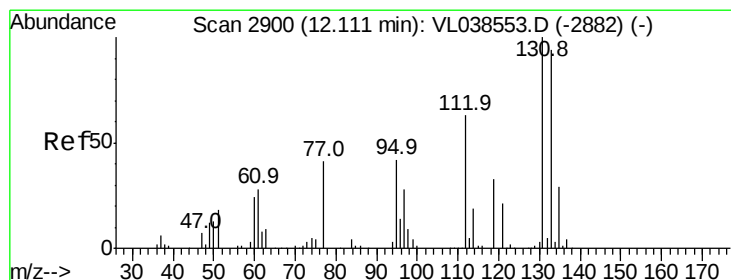
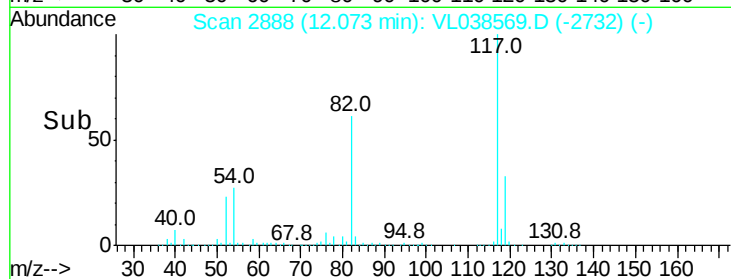
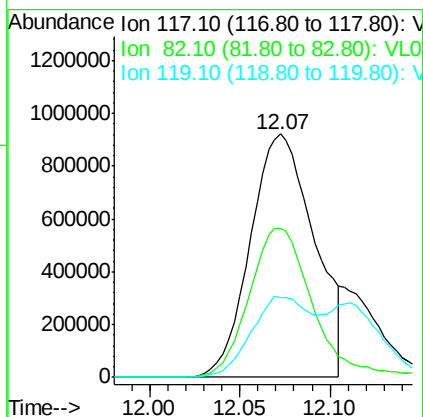
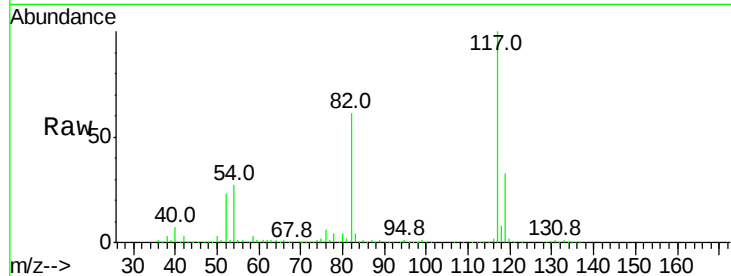


#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.07
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:57

Tgt Ion:1
Ion Rati
117 100
82 62.
119 59.

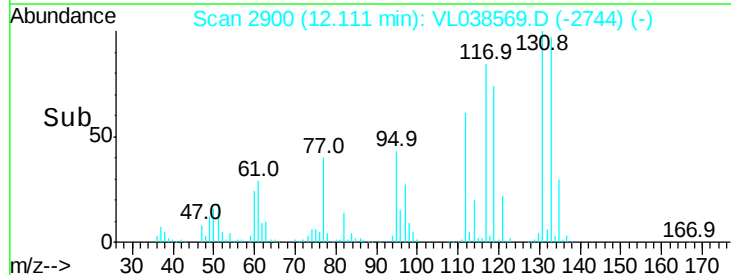
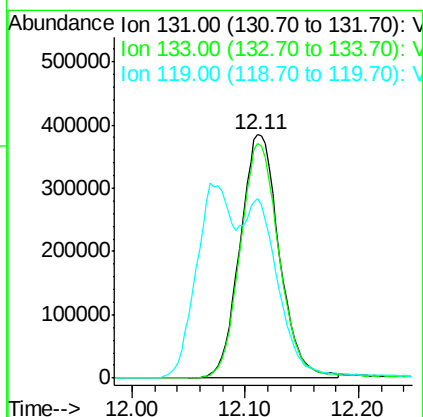
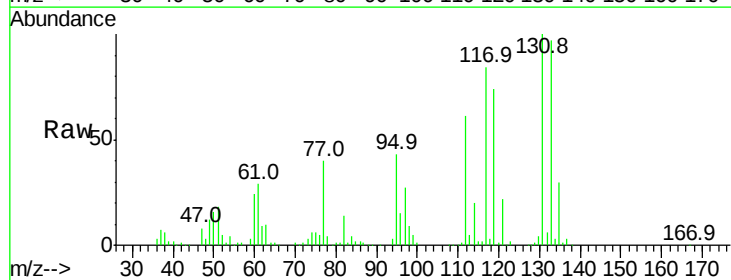
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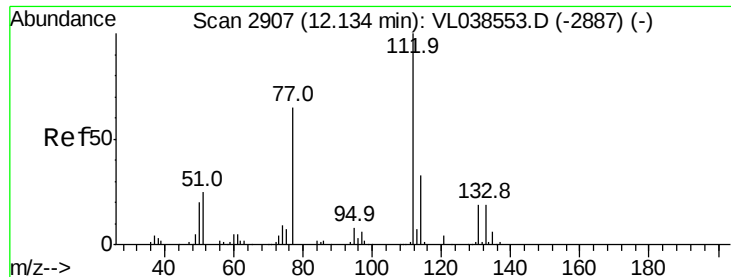
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.01 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL038569.D
Acq: 9 Mar 2022 3:57

Tgt Ion:131 Resp: 926538
Ion Ratio Lower Upper
131 100
133 97.8 78.0 117.0
119 72.2 53.1 79.7





#57

Chlorobenzene

Concen: 9.79 ppbv

RT: 12.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 3:57

Tgt Ion:1

Ion Ratio

112 100

77 64.

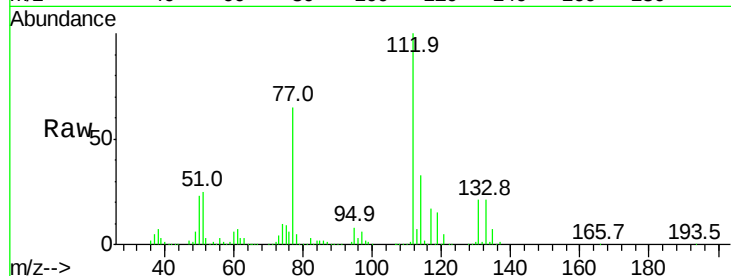
114 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/10/2022

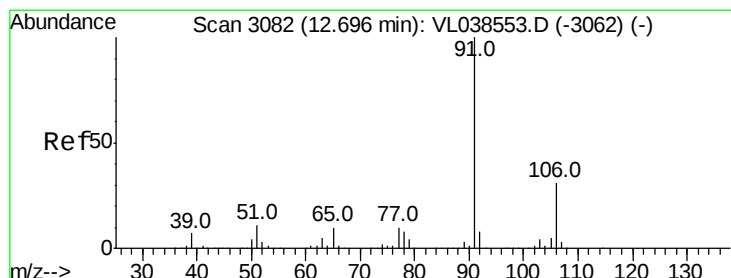
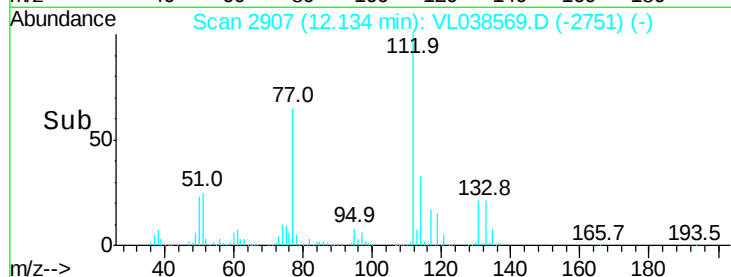
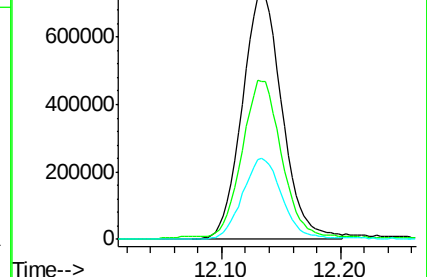
Supervised By :Mahesh Dadoda 03/14/2022



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: 10.37 ppbv

RT: 12.70 min Scan# 3082

Delta R.T. -0.00 min

Lab File: VL038569.D

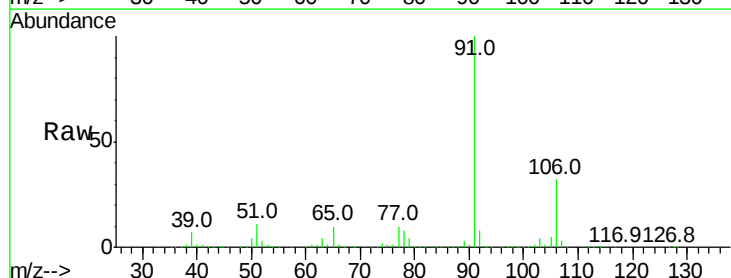
Acq: 9 Mar 2022 3:57

Tgt Ion: 91 Resp: 3049207

Ion Ratio Lower Upper

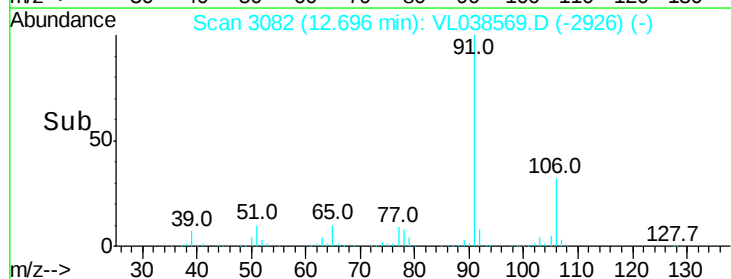
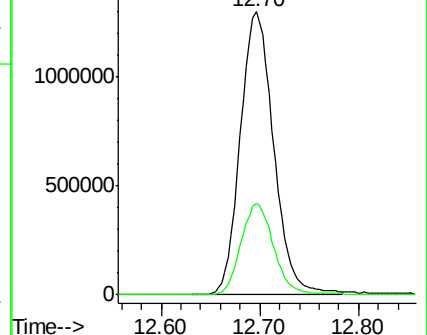
91 100

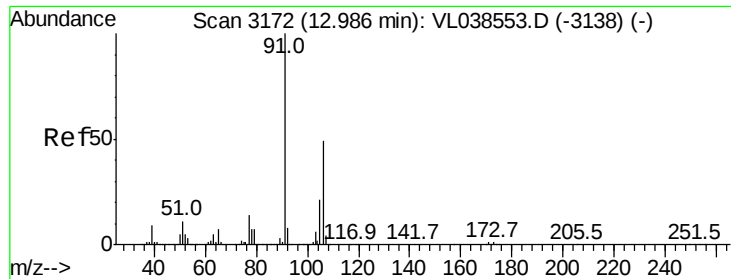
106 32.1 24.6 37.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



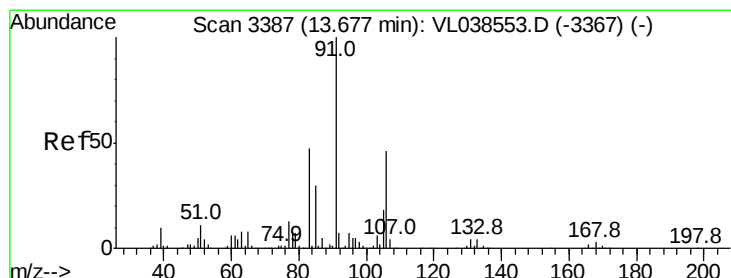
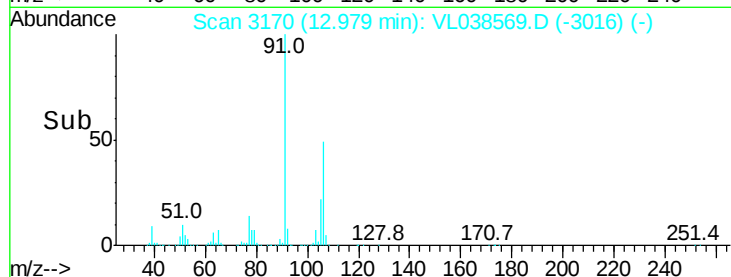
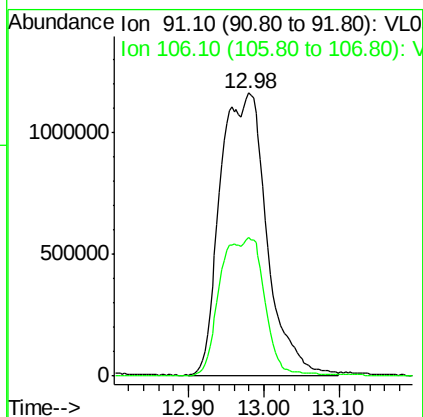
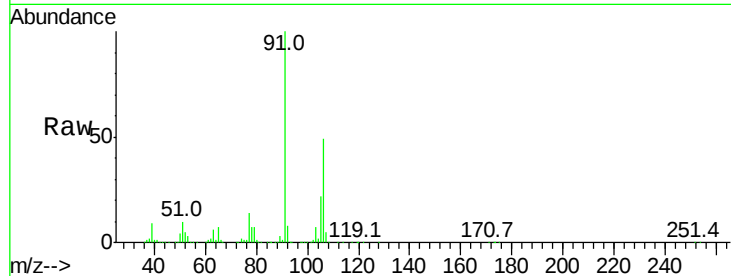


#59
m/p-Xylene
Concen: 19.95 ppbv m
RT: 12.98 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 9 Mar 2022 3:57

Tgt Ion:
Ion Ratio
91 100
106 47.

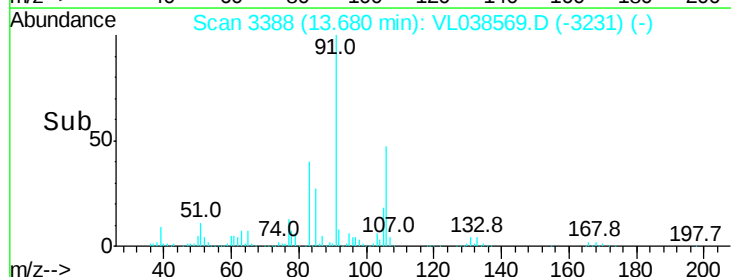
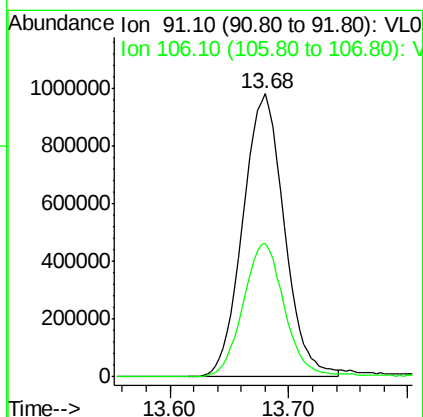
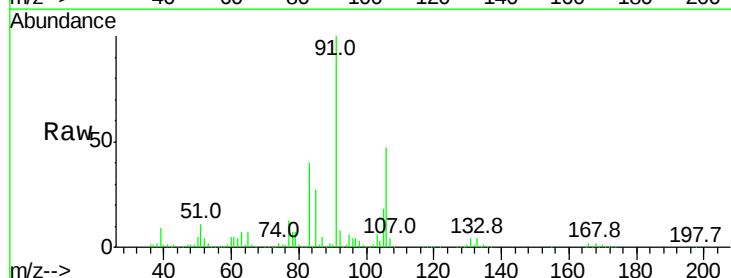
Manual Integrations
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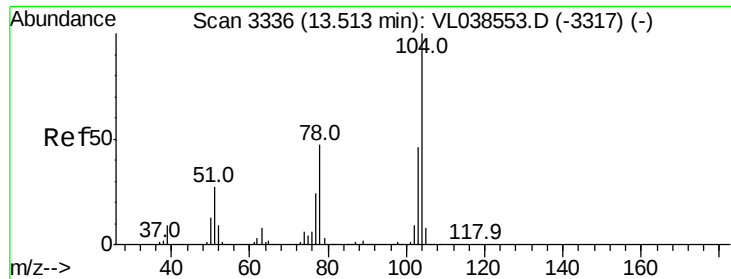
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



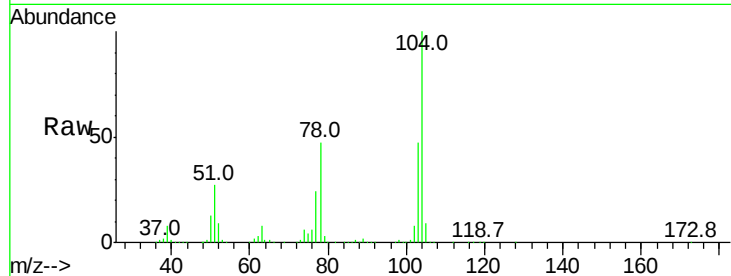
#60
o-Xylene
Concen: 9.94 ppbv
RT: 13.68 min Scan# 3388
Delta R.T.: 0.00 min
Lab File: VL038569.D
Acq: 9 Mar 2022 3:57

Tgt Ion: 91 Resp: 2364012
Ion Ratio Lower Upper
91 100
106 48.2 23.5 70.6





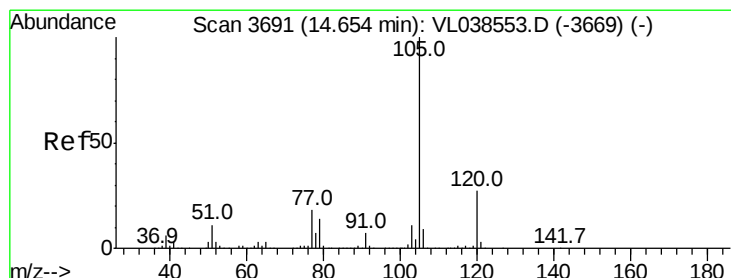
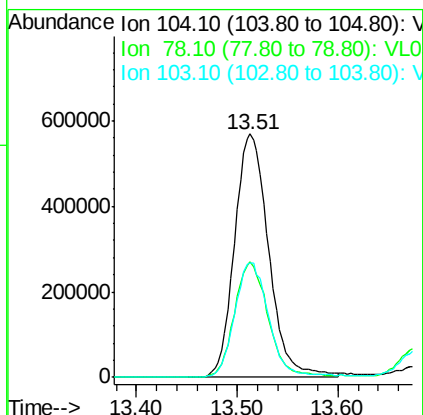
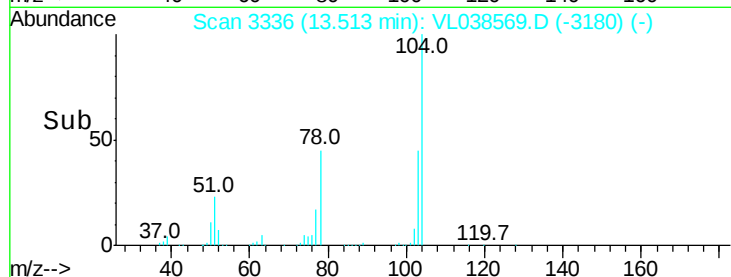
#61
Styrene
Concen: 11.44 ppbv
RT: 13.51 min
Delta R.T.: 0.00 min
Lab File: VL038553.D
Acq: 9 Mar 2022 3:57



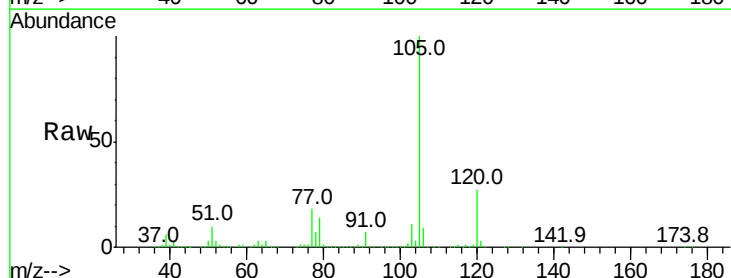
Tgt Ion: 104
Ion Ratio: 100
78 47.1
103 47.1

Manual Integrations
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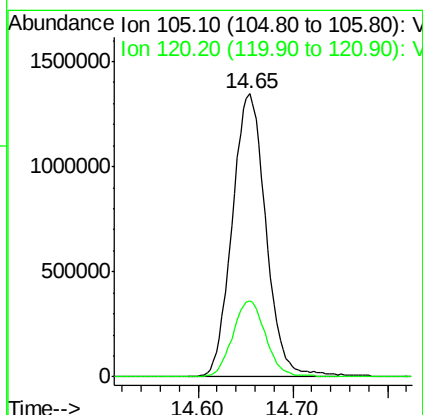
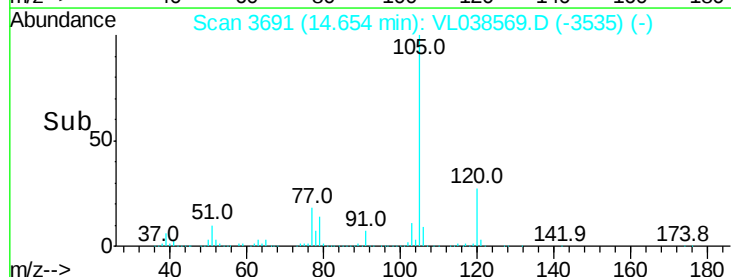
Reviewed By : Semsettin Yesilyurt 03/10/2022
Supervised By : Mahesh Dadoda 03/14/2022

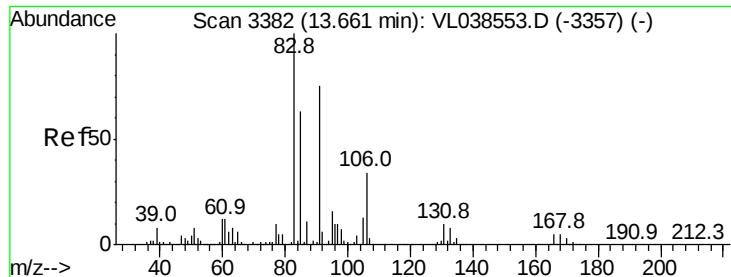


#62
Isopropylbenzene
Concen: 10.16 ppbv
RT: 14.65 min Scan# 3691
Delta R.T.: 0.00 min
Lab File: VL038569.D
Acq: 9 Mar 2022 3:57



Tgt Ion: 105 Resp: 3334140
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8



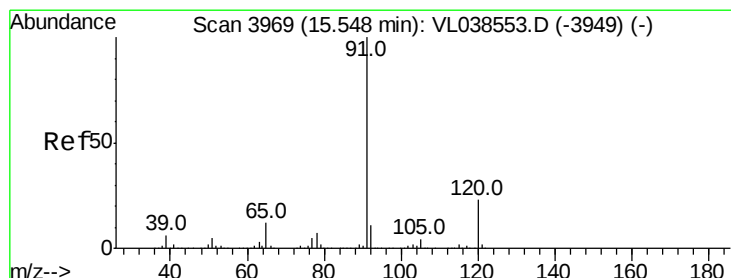
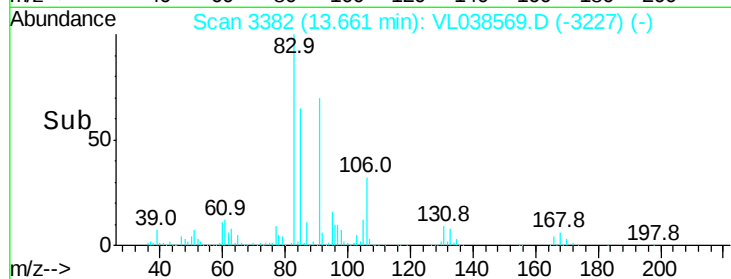
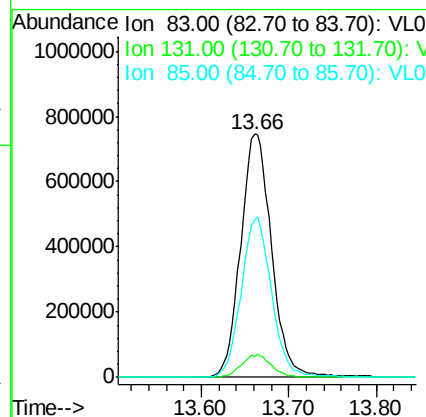
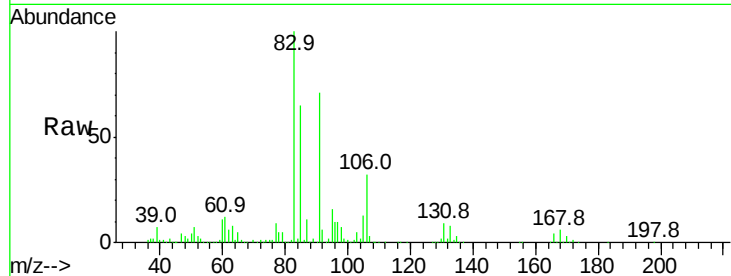


#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.07 ppbv
 RT: 13.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:57 VSTDCCC010EC

Tgt Ion:
 Ion Ratio
 83 100
 131 9.
 85 65.

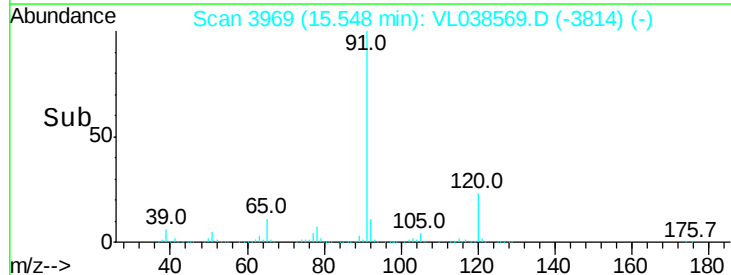
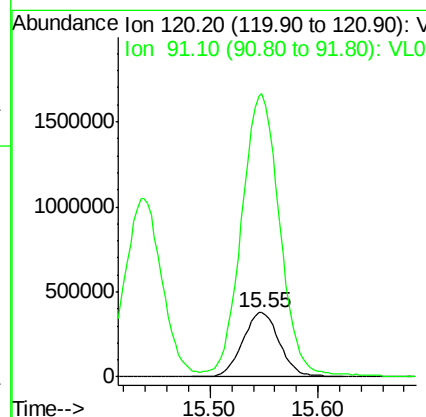
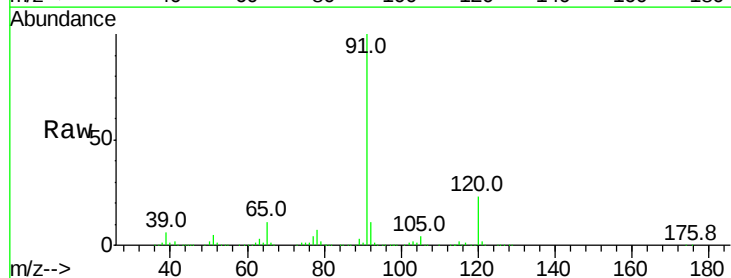
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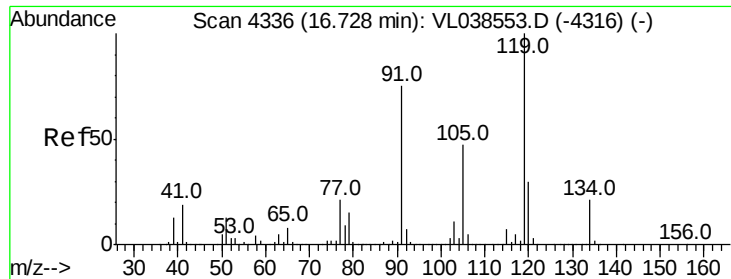
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#64
 n-propylbenzene
 Concen: 10.79 ppbv
 RT: 15.55 min Scan# 3969
 Delta R.T. -0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion:120 Resp: 902363
 Ion Ratio Lower Upper
 120 100
 91 456.4 374.2 561.2



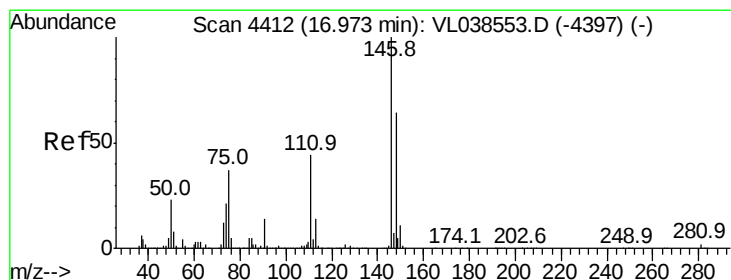
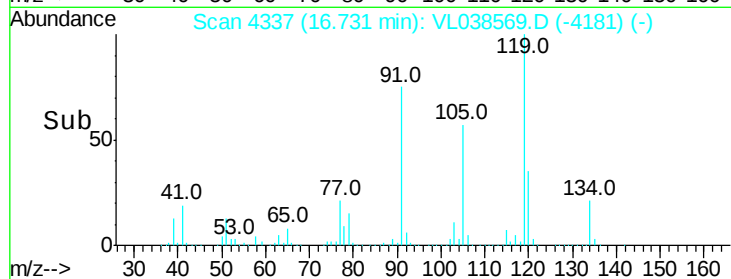
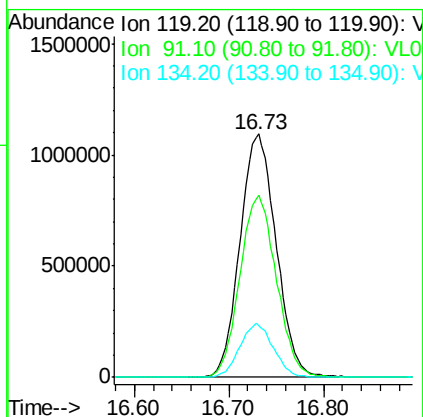
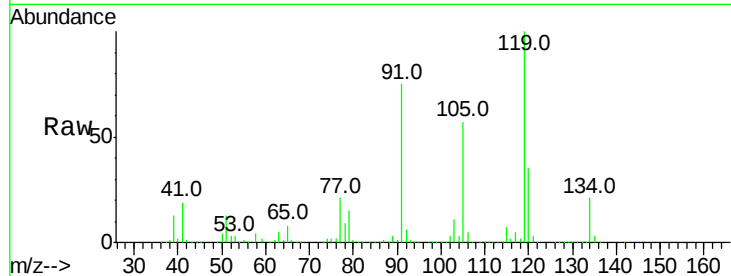


#65
 tert-Butylbenzene
 Concen: 9.89 ppbv
 RT: 16.73 min
 Delta R.T.: 0.00 min
 Lab File: VSTDCCC010EC
 Acq: 9 Mar 2022 3:57

Tgt Ion: 119
 Ion Ratio: 100
 91 75.0
 134 20.0

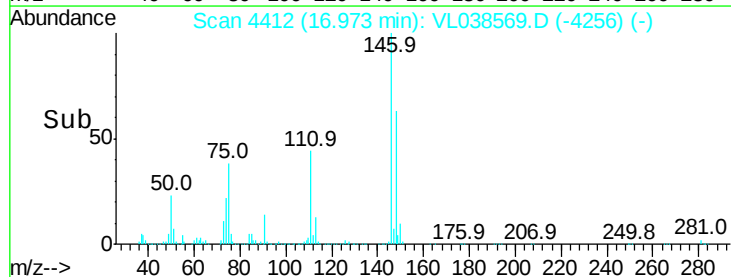
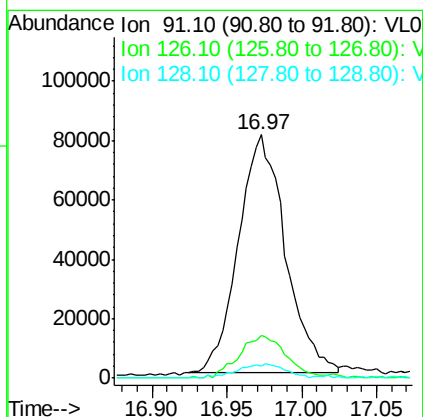
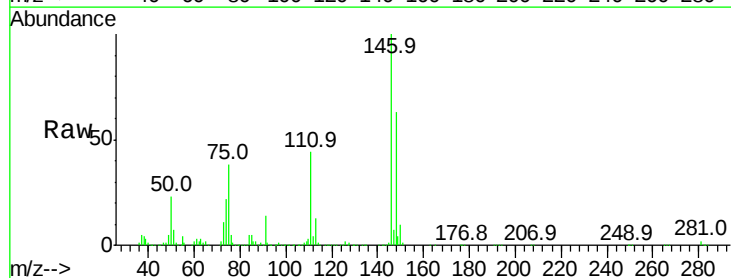
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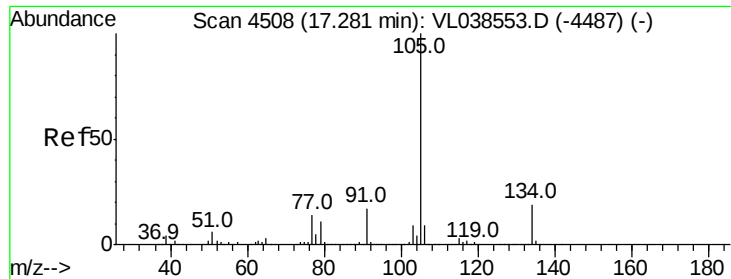
Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#66
 Benzyl Chloride
 Concen: 10.08 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T.: 0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion: 91 Resp: 175228
 Ion Ratio Lower Upper
 91 100
 126 18.9 14.1 21.1
 128 6.6 5.1 7.7



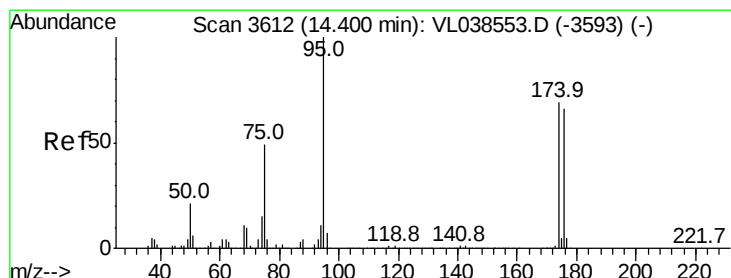
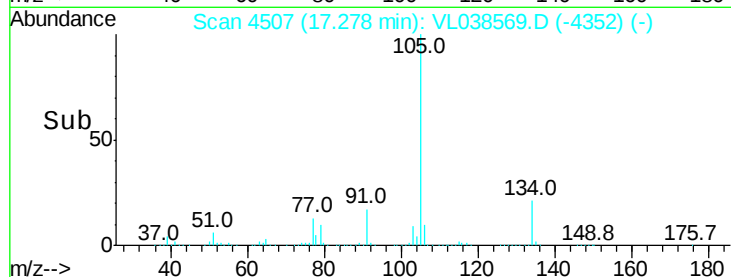
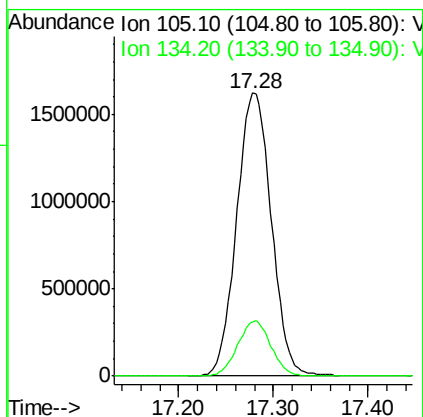
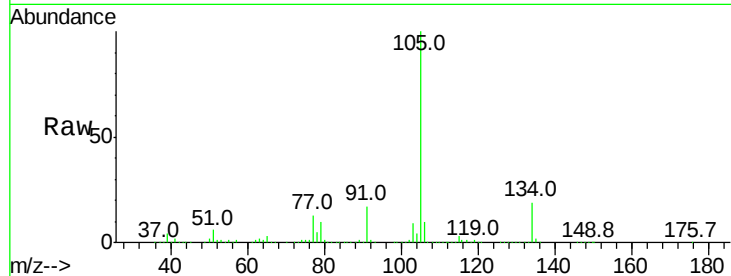


#67
 sec-Butylbenzene
 Concen: 9.90 ppbv
 RT: 17.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 9 Mar 2022 3:57

Tgt Ion: 1
 Ion Ratio
 105 100
 134 19.

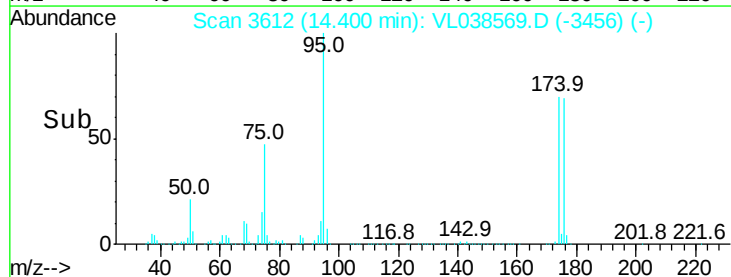
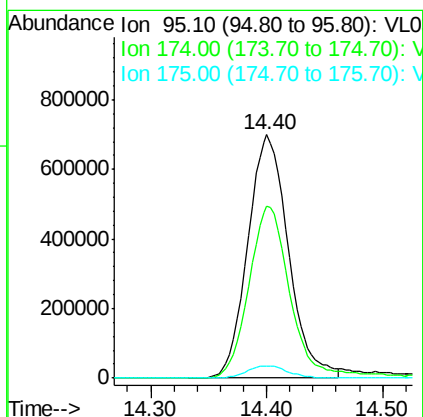
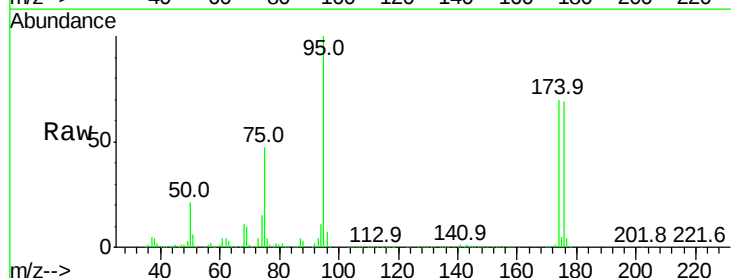
Manual Integrations
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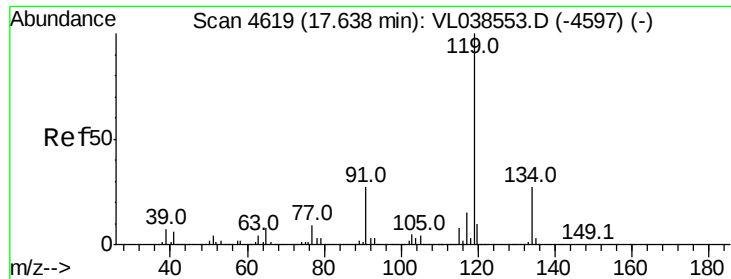
Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.89 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion: 95 Resp: 1708351
 Ion Ratio Lower Upper
 95 100
 174 73.0 56.2 84.4
 175 5.4 4.2 6.2



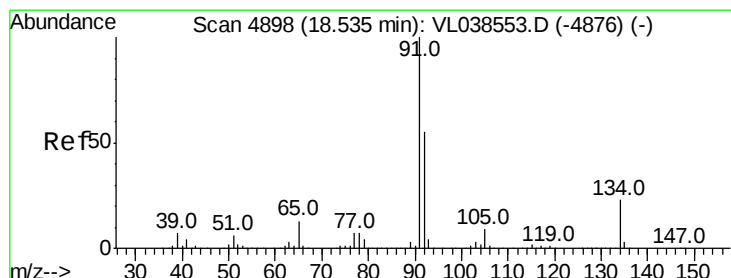
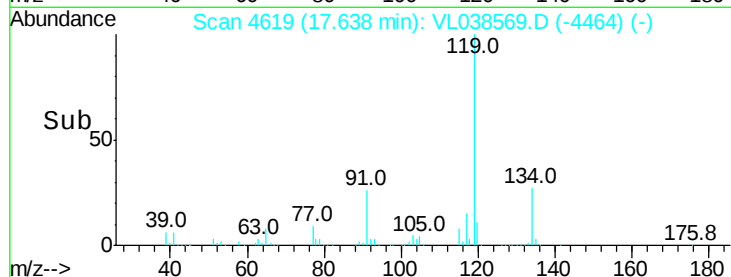
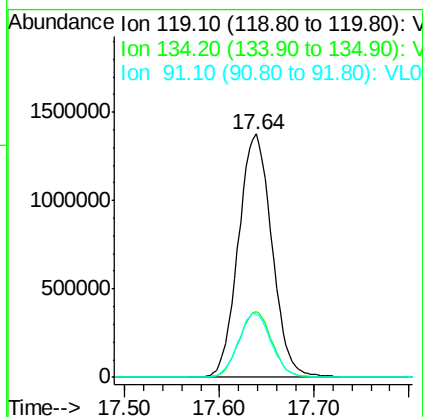
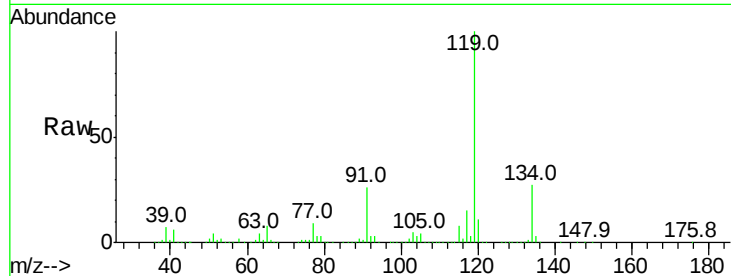


#69
 p-Isopropyltoluene
 Concen: 9.80 ppbv
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:57

Tgt Ion: 119
 Ion Ratio: 100
 119 100
 134 26.1
 91 25.1

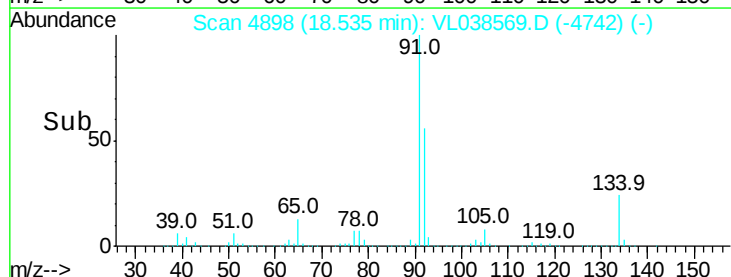
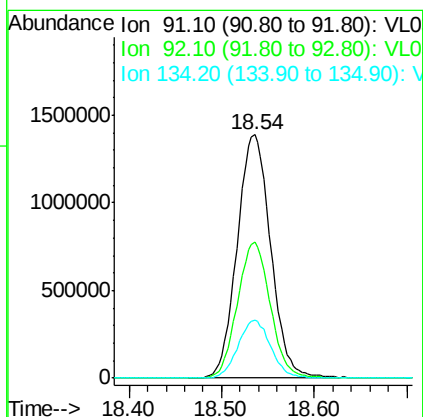
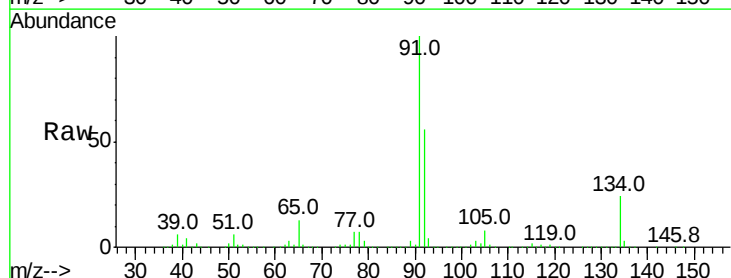
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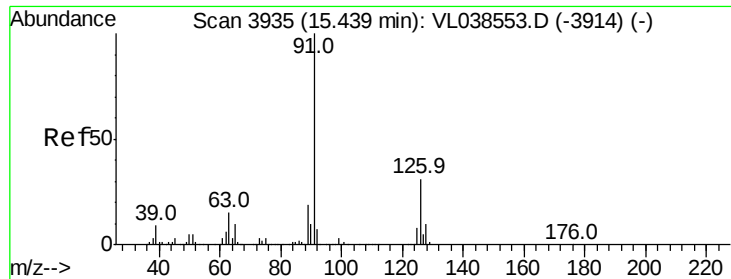
Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#70
 n-Butylbenzene
 Concen: 9.47 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T.: -0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion: 91 Resp: 3482916
 Ion Ratio Lower Upper
 91 100
 92 55.1 43.8 65.8
 134 23.5 18.7 28.1



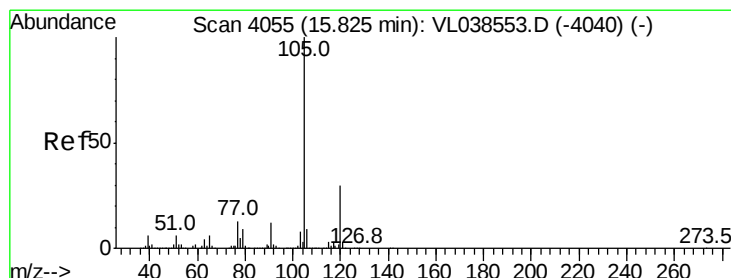
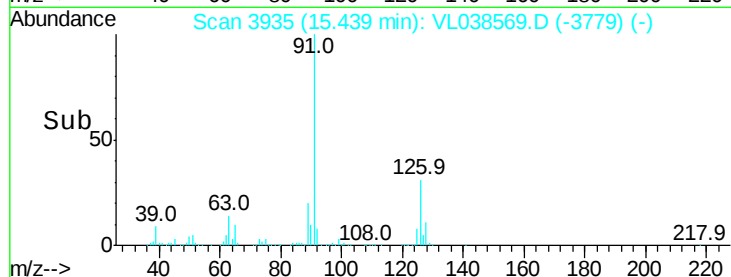
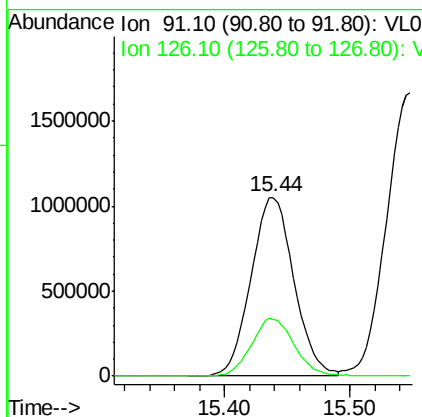
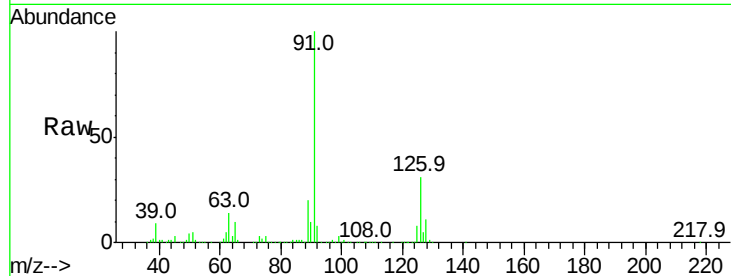


#71
 2-Chlorotoluene
 Concen: 10.29 ppbv
 RT: 15.44 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:57

Tgt Ion:
 Ion Ratio
 91 100
 126 33.

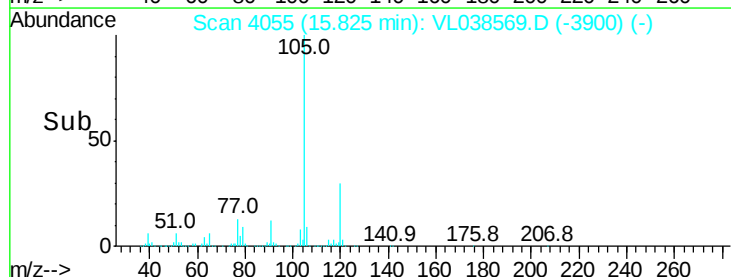
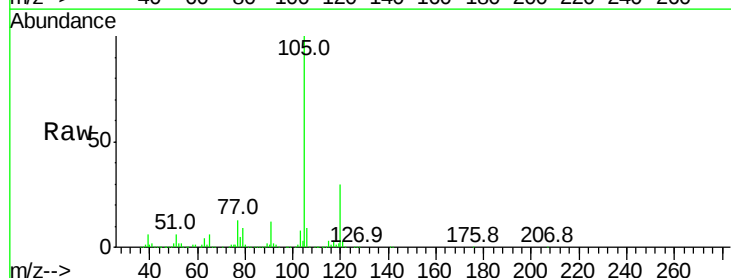
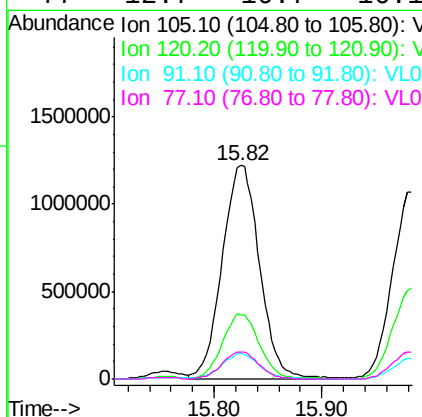
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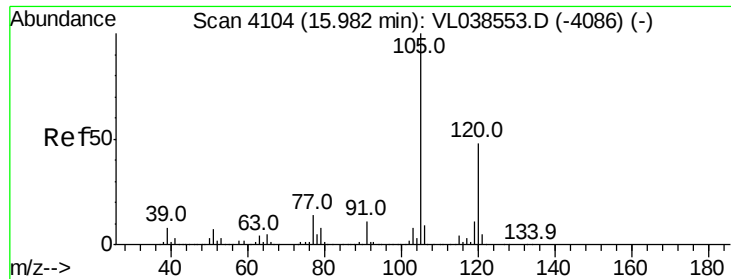
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#72
 4-Ethyltoluene
 Concen: 10.77 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion:105 Resp: 2941428
 Ion Ratio Lower Upper
 105 100
 120 30.3 25.0 37.4
 91 11.7 9.8 14.6
 77 12.7 10.7 16.1



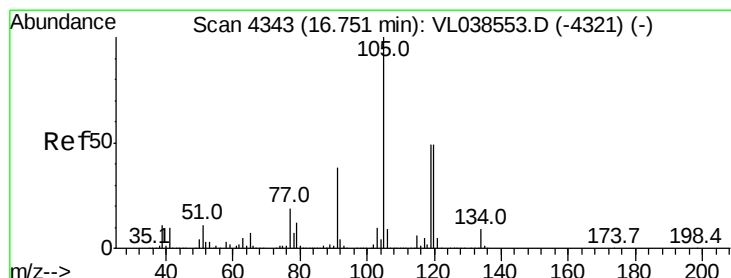
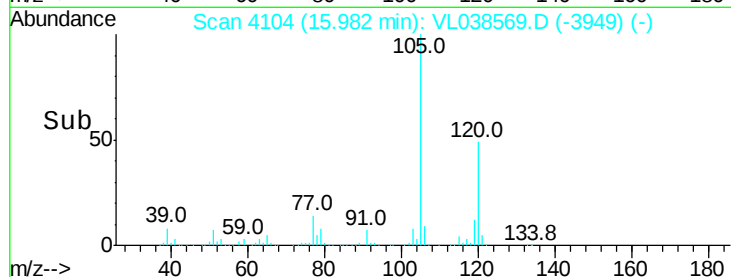
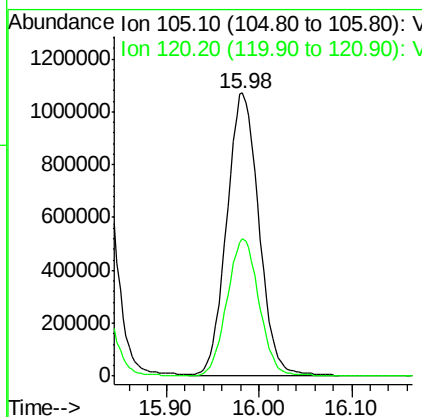
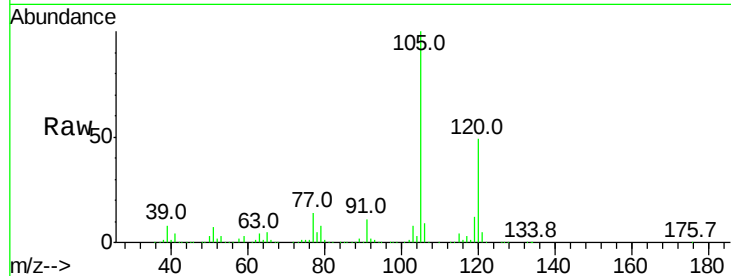


#73
 1,3,5-Trimethylbenzene
 Concen: 10.10 ppbv
 RT: 15.98 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 9 Mar 2022 3:57

Tgt Ion:1
 Ion Ratio
 105 100
 120 48.

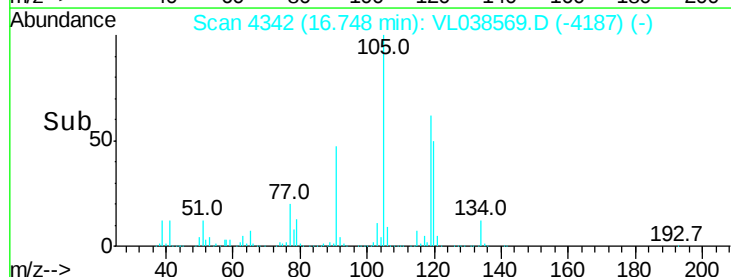
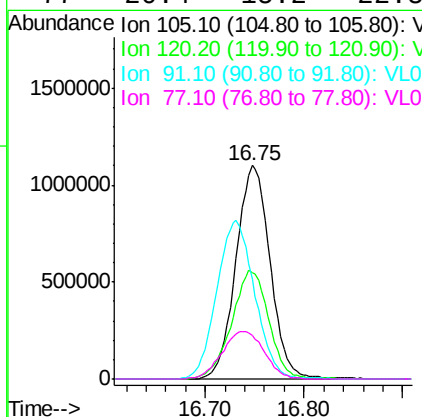
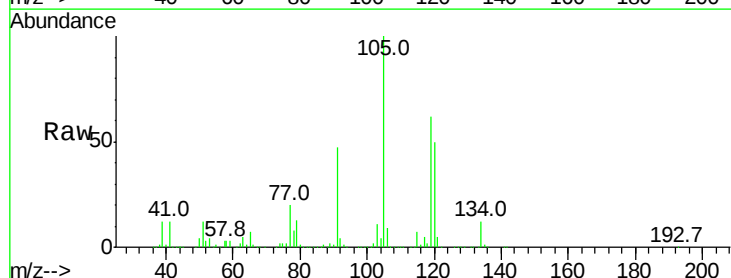
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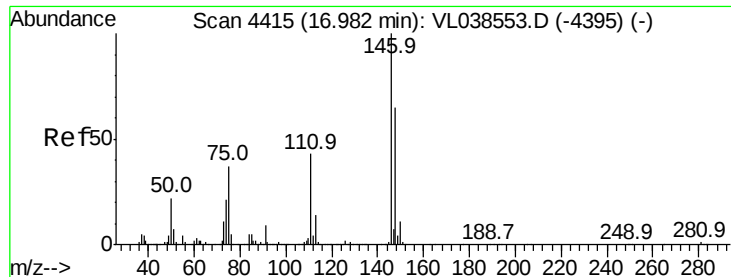
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 9.76 ppbv
 RT: 16.75 min Scan# 4342
 Delta R.T. -0.00 min
 Lab File: VL038569.D
 Acq: 9 Mar 2022 3:57

Tgt Ion:105 Resp: 2644099
 Ion Ratio Lower Upper
 105 100
 120 49.3 38.9 58.3
 91 46.5 30.6 46.0#
 77 20.4 15.2 22.8





#75

1,3-Dichlorobenzene

Concen: 9.84 ppbv

RT: 16.98

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 9 Mar 2022 3:57 VSTDCCC010EC

Tgt Ion:1

Ion Ratio

146 100

111 43.

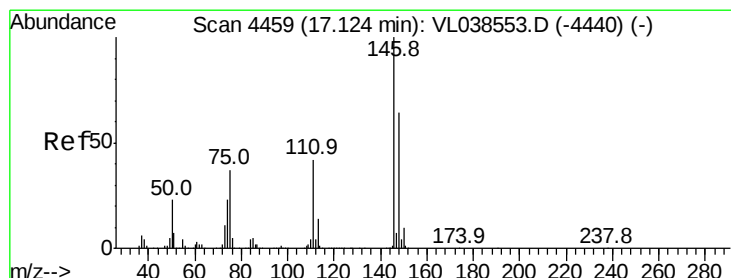
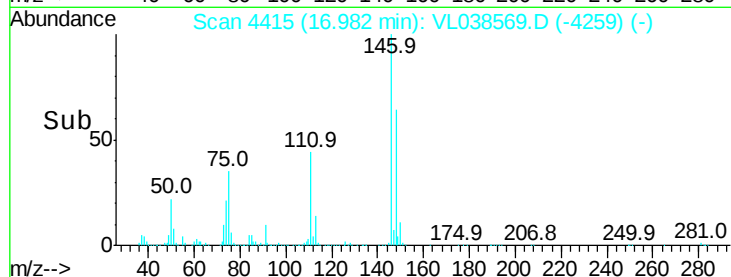
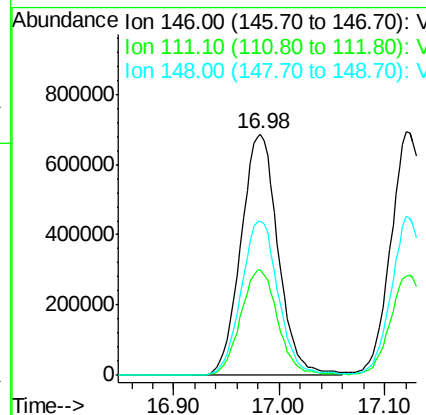
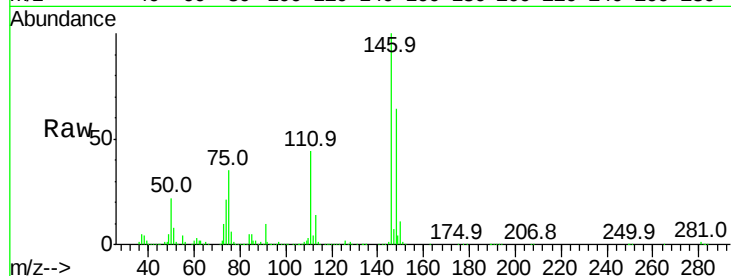
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#76

1,4-Dichlorobenzene

Concen: 9.60 ppbv

RT: 17.12 min Scan# 4458

Delta R.T. -0.00 min

Lab File: VL038569.D

Acq: 9 Mar 2022 3:57

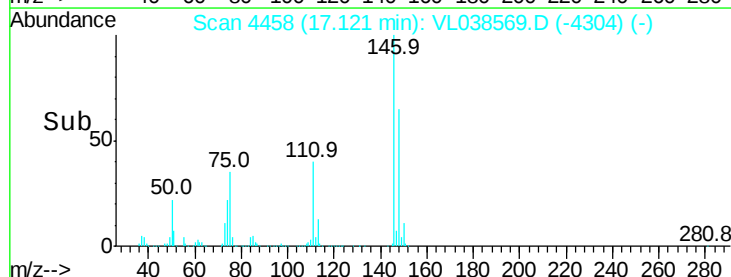
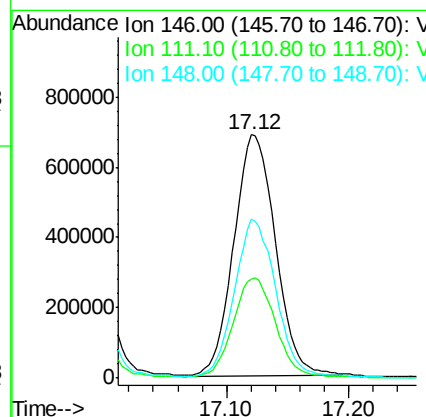
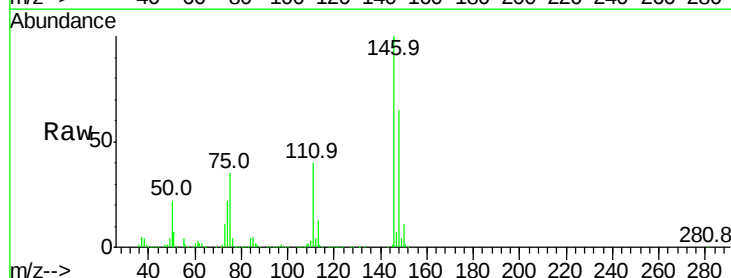
Tgt Ion:146 Resp: 1625332

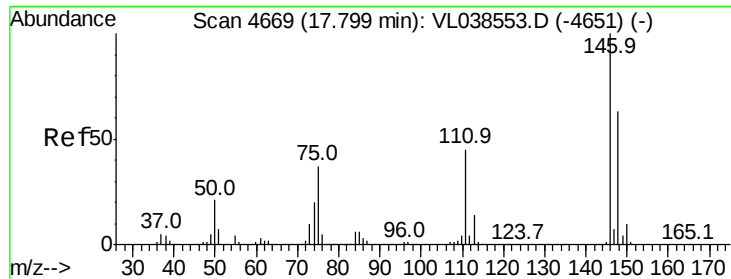
Ion Ratio Lower Upper

146 100

111 43.2 21.8 65.3

148 66.5 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 9.35 ppbv

RT: 17.80

Delta R.T. MSVOA_L

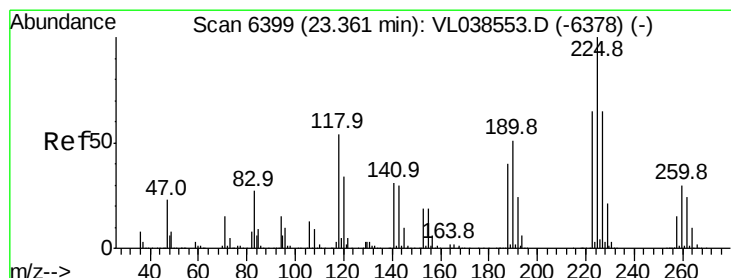
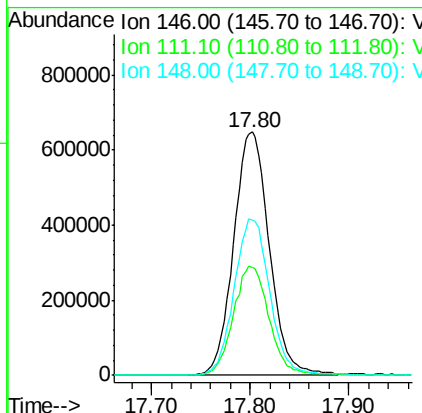
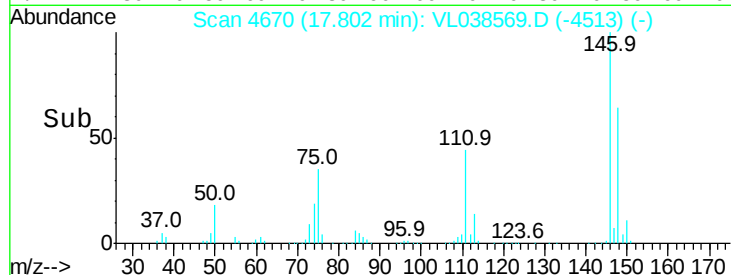
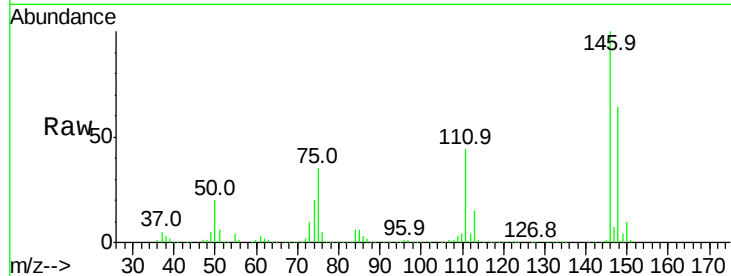
Lab File: ClientSampleId :

Acq: 9 Mar 2022 3:57

Tgt Ion:1
Ion Rati
146 100
111 45.
148 65.

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Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#78

Hexachloro-1,3-Butadiene

Concen: 7.58 ppbv

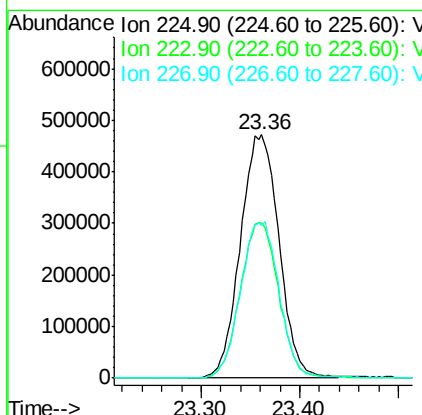
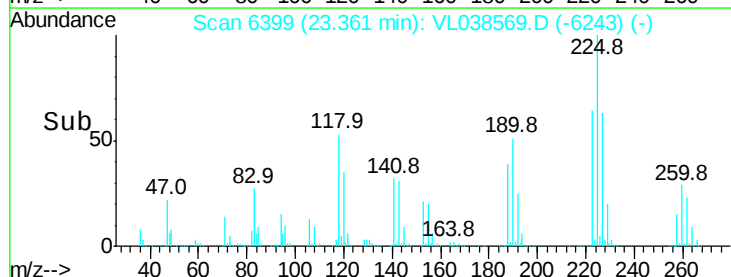
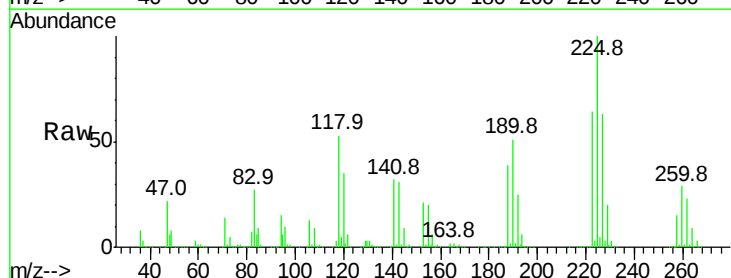
RT: 23.36 min Scan# 6399

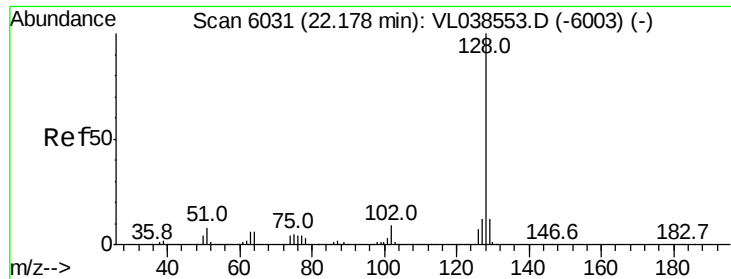
Delta R.T. -0.00 min

Lab File: VL038569.D

Acq: 9 Mar 2022 3:57

Tgt Ion:225 Resp: 1278491
Ion Ratio Lower Upper
225 100
223 64.3 51.4 77.0
227 64.5 51.9 77.9



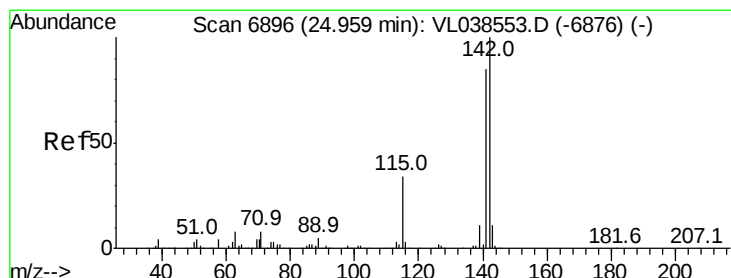
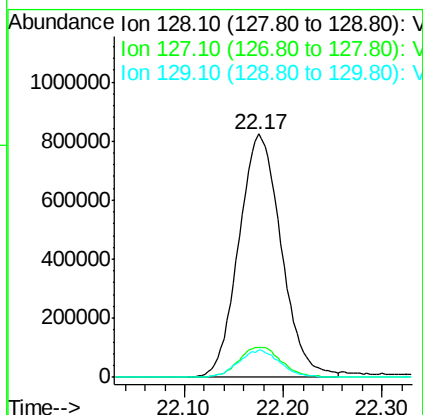
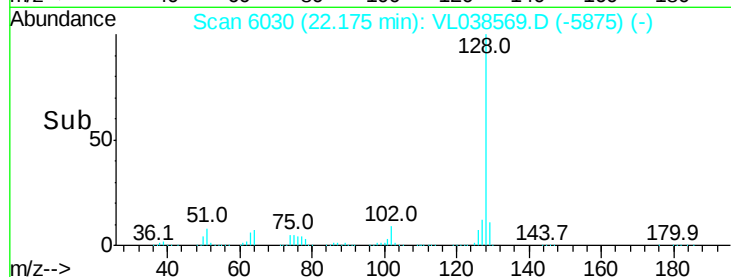
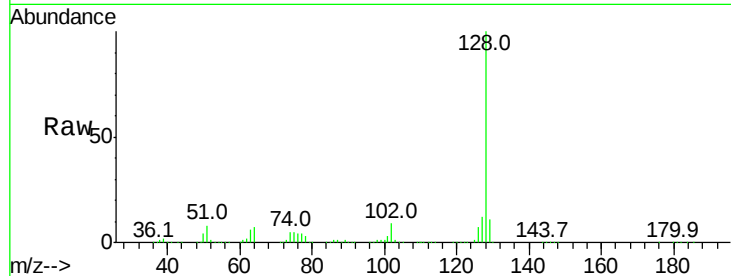


#79
Naphthalene
Concen: 10.08 ppbv
RT: 22.17 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:57

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

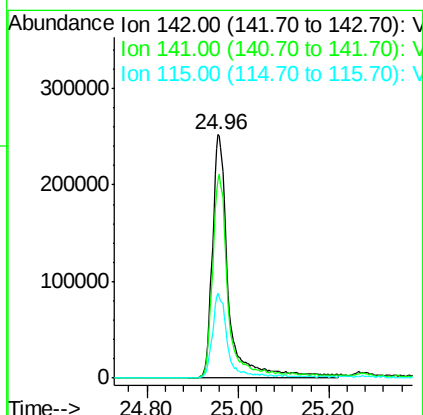
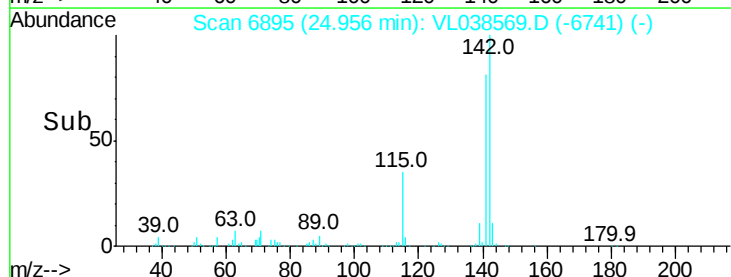
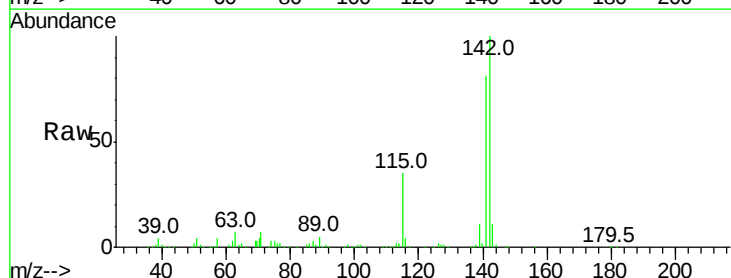
Manual Integrations
APPROVED

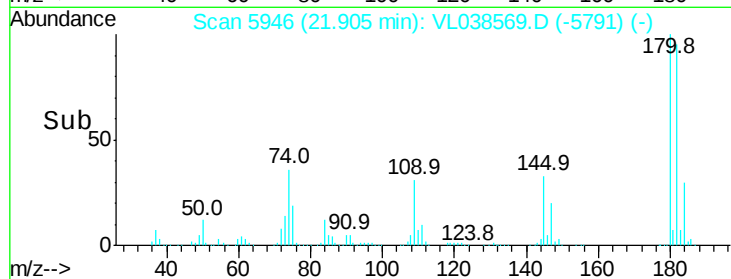
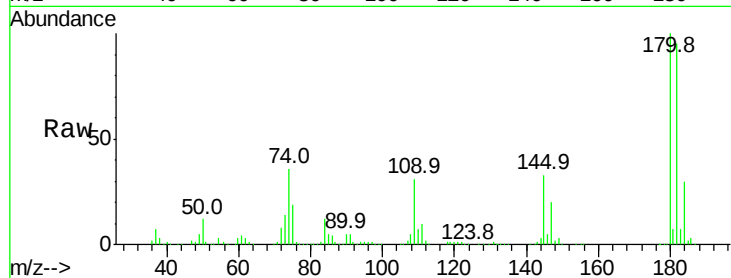
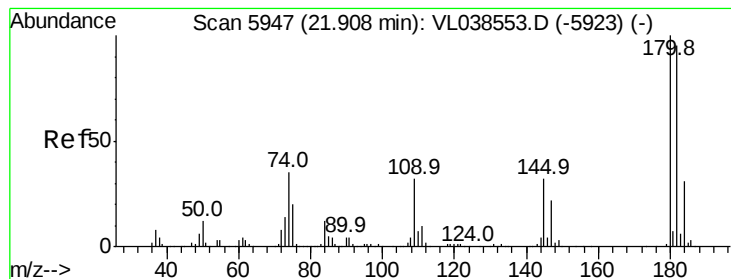
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#80
Naphthalene, 2-methyl-
Concen: 14.52 ppbv
RT: 24.96 min Scan# 6895
Delta R.T. -0.00 min
Lab File: VL038569.D
Acq: 9 Mar 2022 3:57

Tgt Ion:142 Resp: 624688
Ion Ratio Lower Upper
142 100
141 82.2 68.4 102.6
115 32.2 27.9 41.9





#81
 1,2,4-Trichlorobenzene
 Concen: 8.81 ppbv
 RT: 21.90
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 9 Mar 2022 5:57

Tgt Ion:1
 Ion Rati
 180 100
 182 98.
 184 31.

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