

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038589.D
 Acq On : 10 Mar 2022 9:52
 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 11 00:24:42 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 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	829952	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2197471	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2216207m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1671132	9.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	1281350	10.22	ppbv	100
3) Chlorodifluoromethane	2.98	51	1372701	9.38	ppbv	99
4) Chloromethane	3.13	50	526941	9.71	ppbv	100
5) Vinyl Chloride	3.25	62	527448	9.69	ppbv	100
6) Bromomethane	3.47	94	279372	9.56	ppbv	98
7) Chloroethane	3.55	64	171132	9.71	ppbv	94
8) Dichlorotetrafluoroethane	3.18	85	1229612	10.12	ppbv	99
9) Propene	3.01	41	484362	9.38	ppbv	99
10) Heptane	8.10	43	1287408	10.42	ppbv	98
11) Trichlorofluoromethane	3.94	101	1121079	10.20	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	877067	10.26	ppbv	100
13) Ethanol	3.60	45	41689	7.03	ppbv	97
14) Bromoethene	3.73	108	372428	10.23	ppbv	98
15) Acetone	3.84	43	588801	10.06	ppbv	100
16) 1,3-Butadiene	3.32	39	485174	10.31	ppbv	99
17) tert-Butyl alcohol	4.28	59	672989	10.58	ppbv	100
18) 1,1-Dichloroethene	4.28	96	398425	10.42	ppbv	99
19) Isopropyl Alcohol	3.95	45	378564	9.68	ppbv #	96
20) Methylene Chloride	4.33	84	322191	9.15	ppbv	99
21) Allyl Chloride	4.40	41	581532	10.31	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	416458	10.39	ppbv	99
23) Vinyl Acetate	5.06	43	909745	10.84	ppbv	100
24) 1,1-Dichloroethane	5.00	63	791832	10.38	ppbv	100
25) Ethyl Acetate	5.66	43	1972770	10.01	ppbv	100
26) Hexane	5.67	57	922042	9.96	ppbv	99
27) Carbon Disulfide	4.54	76	1041240	11.29	ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	760676	10.09	ppbv	99
29) Chloroform	5.74	83	1422222	9.87	ppbv	98
30) Cyclohexane	7.11	84	815077	10.18	ppbv	97
31) cis-1,2-Dichloroethene	5.53	61	854763	9.65	ppbv	97
32) 1,1,1-Trichloroethane	6.49	97	1367125	9.78	ppbv	100
34) 2-Butanone	5.23	43	651690	11.44	ppbv	99
35) Carbon Tetrachloride	7.00	117	1455477	9.71	ppbv	100
36) Benzene	6.87	78	1992546	10.05	ppbv	99
37) 1,2-Dichloroethane	6.29	62	967408	10.21	ppbv	100
38) Trichloroethene	7.82	130	771262	9.74	ppbv	99
39) 1,2-Dichloropropane	7.60	63	766419	10.05	ppbv	98
40) 1,4-Dioxane	7.82	88	189538	9.93	ppbv	95
41) Tetrahydrofuran	6.04	42	459808	9.87	ppbv	99
42) Bromodichloromethane	7.77	83	1556355	10.36	ppbv	99
43) Methyl Methacrylate	8.00	69	716976	10.53	ppbv	98

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Instrument :
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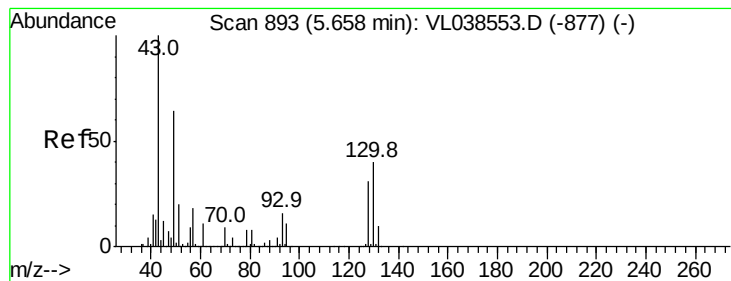
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/13/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 11 00:24:42 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	7.85	57	3304417	9.86	ppbv	100
45) t-1,3-Dichloropropene	9.26	75	561707	11.45	ppbv	97
46) cis-1,3-Dichloropropene	8.68	75	748793	11.16	ppbv	98
47) 1,1,2-Trichloroethane	9.46	97	822650	10.58	ppbv	97
48) Dibromochloromethane	10.28	129	1430871	11.59	ppbv	100
49) Bromoform	13.02	173	1220236	12.91	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	1351622	11.58	ppbv	99
51) 2-Hexanone	10.12	43	629205	12.75	ppbv	100
52) Tetrachloroethene	11.20	164	726760	10.00	ppbv	98
53) Toluene	9.79	91	2305930	10.89	ppbv	100
54) 1,2-Dibromoethane	10.59	107	1213117	10.92	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.10	131	925645	10.25	ppbv	98
57) Chlorobenzene	12.13	112	1698926	10.04	ppbv	97
58) Ethyl Benzene	12.69	91	2992433	10.43	ppbv	100
59) m/p-Xylene	12.98	91	5034901m	20.50	ppbv	
60) o-Xylene	13.67	91	2440570	10.52	ppbv	100
61) Styrene	13.51	104	1308907	11.45	ppbv	99
62) Isopropylbenzene	14.64	105	3370538	10.53	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.65	83	1913684	9.76	ppbv	100
64) n-propylbenzene	15.54	120	912054	11.18	ppbv	98
65) tert-Butylbenzene	16.72	119	3007996	10.51	ppbv	99
66) Benzyl Chloride	16.97	91	178541	10.53	ppbv	100
67) sec-Butylbenzene	17.27	105	4312259	10.60	ppbv	100
69) p-Isopropyltoluene	17.63	119	3522959	10.45	ppbv	99
70) n-Butylbenzene	18.53	91	3617503	10.08	ppbv	99
71) 2-Chlorotoluene	15.43	91	2538163	10.68	ppbv	98
72) 4-Ethyltoluene	15.82	105	2958589	11.10	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	2643514	10.69	ppbv	100
74) 1,2,4-Trimethylbenzene	16.74	105	2732127	10.34	ppbv #	92
75) 1,3-Dichlorobenzene	16.97	146	1743963	10.46	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	1679582	10.17	ppbv	99
77) 1,2-Dichlorobenzene	17.79	146	1679834	9.96	ppbv	99
78) Hexachloro-1,3-Butadiene	23.35	225	1157162	7.03	ppbv	100
79) Naphthalene	22.17	128	2028062	8.53	ppbv	99
80) Naphthalene,2-methyl-	24.96	142	433793	10.34	ppbv	99
81) 1,2,4-Trichlorobenzene	21.90	180	1198285	7.89	ppbv	99

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Mar 2022 9:52 VSTDCCC010EC

Tgt Ion:

Ion Ratio

49 100

128 53.

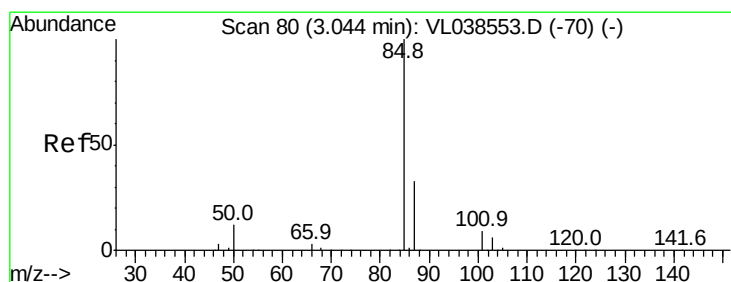
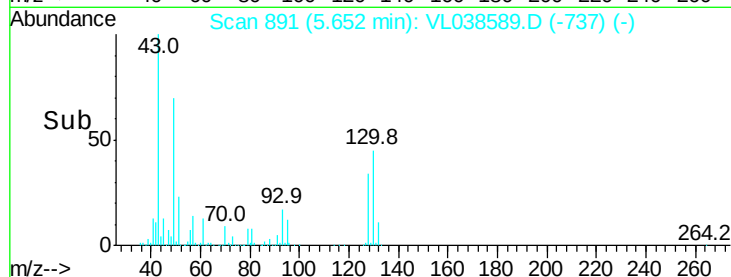
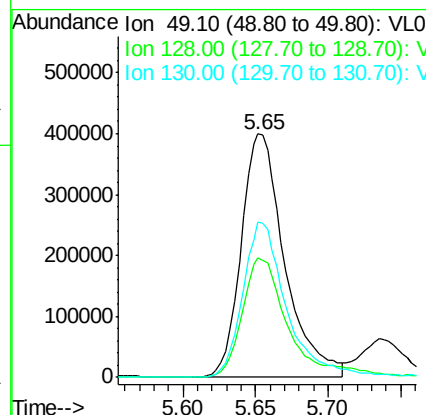
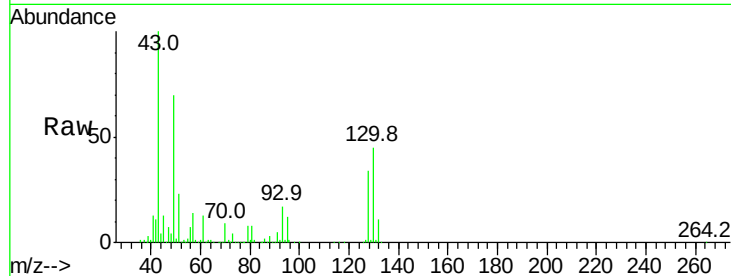
130 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#2

Dichlorodifluoromethane

Concen: 10.22 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL038589.D

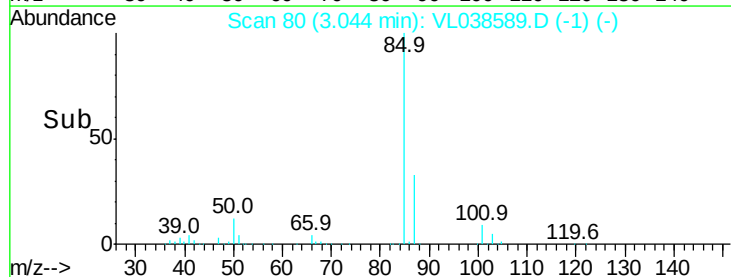
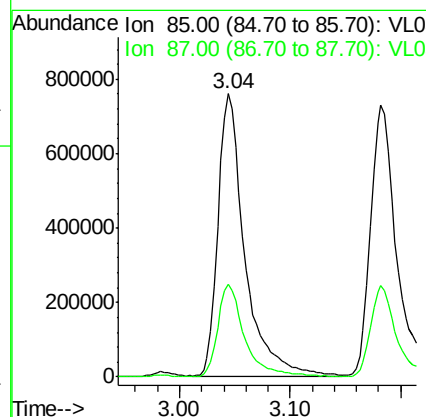
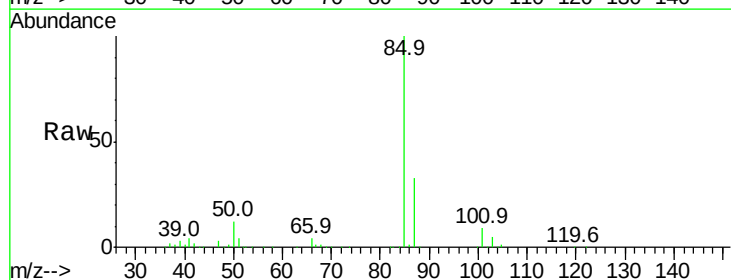
Acq: 10 Mar 2022 9:52

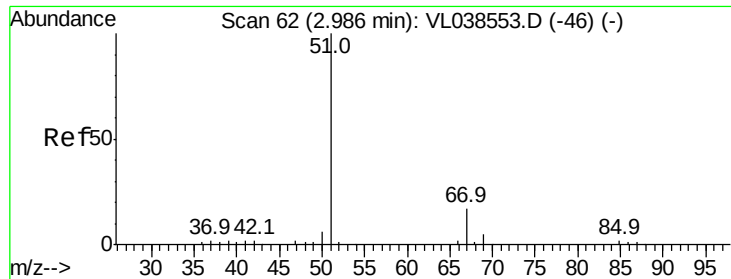
Tgt Ion: 85 Resp: 1281350

Ion Ratio Lower Upper

85 100

87 32.6 26.2 39.2





#3

Chlorodifluoromethane

Concen: 9.38 ppbv

RT: 2.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Mar 2022 9:52

Tgt Ion:

Ion Ratio

51 100

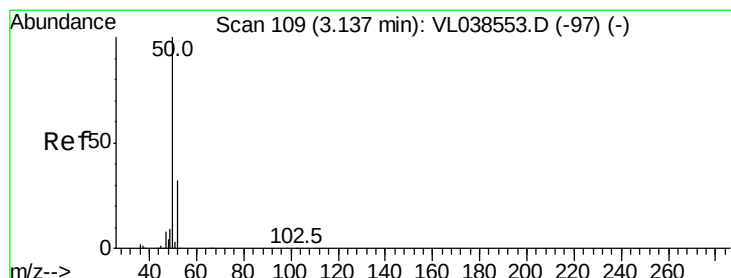
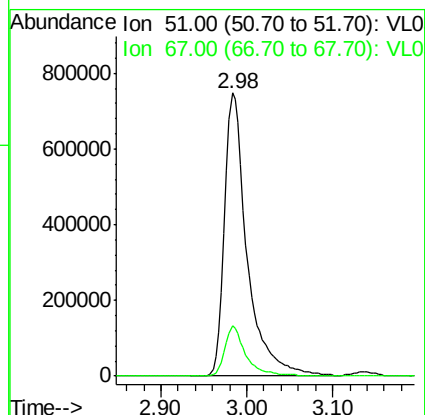
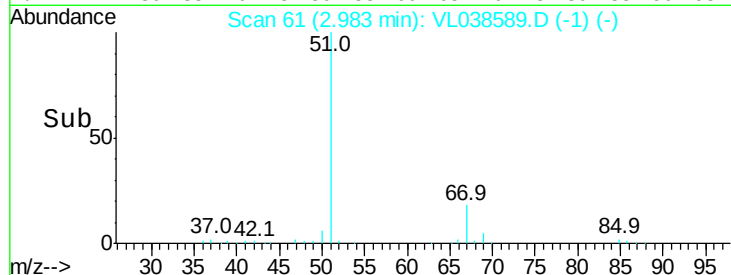
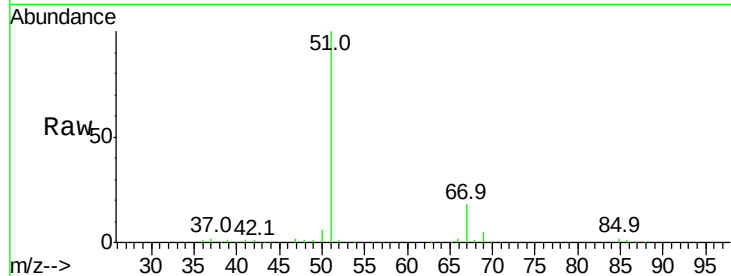
67 16.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#4

Chloromethane

Concen: 9.71 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL038589.D

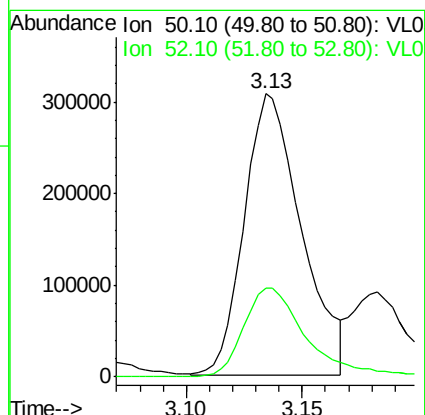
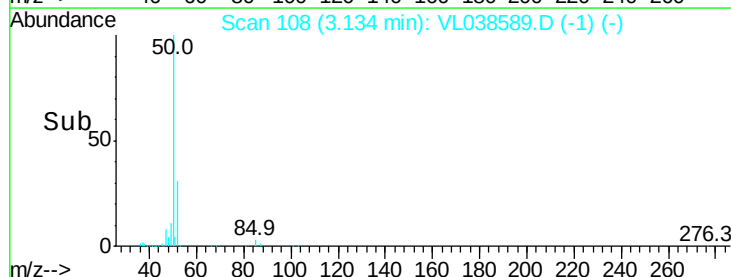
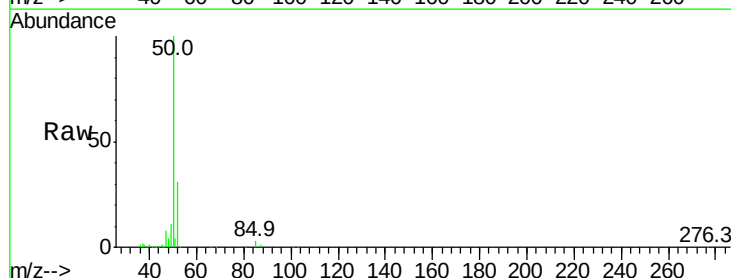
Acq: 10 Mar 2022 9:52

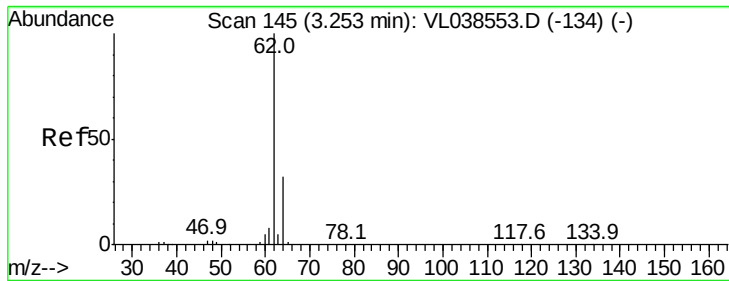
Tgt Ion: 50 Resp: 526941

Ion Ratio Lower Upper

50 100

52 31.8 25.6 38.4





#5

Vinyl Chloride

Concen: 9.69 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 10 Mar 2022 9:52

Tgt Ion:

Ion Ratio

62 100

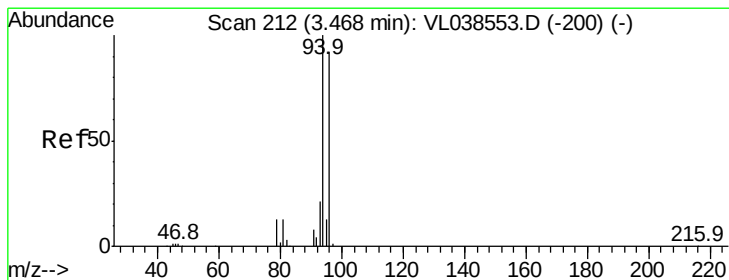
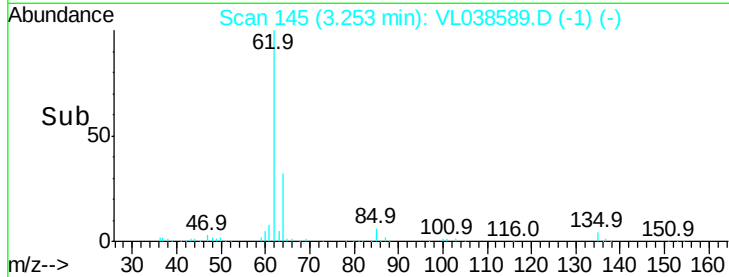
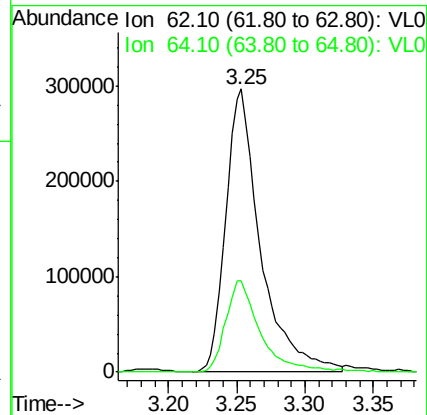
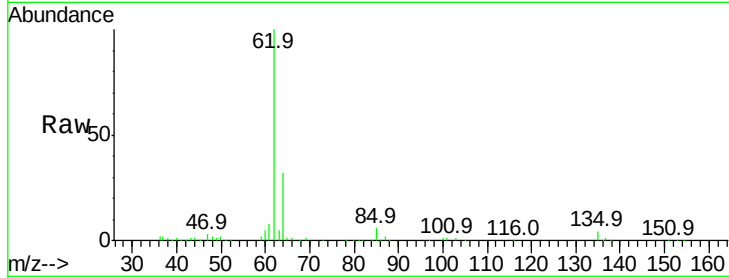
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#6

Bromomethane

Concen: 9.56 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.00 min

Lab File: VL038589.D

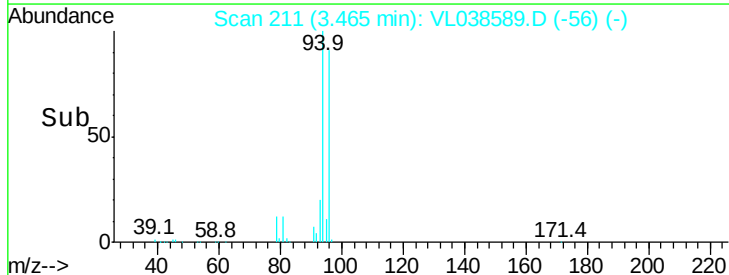
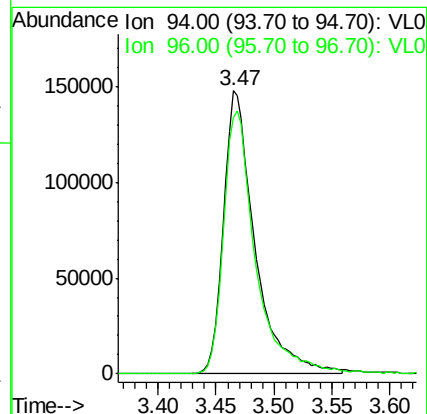
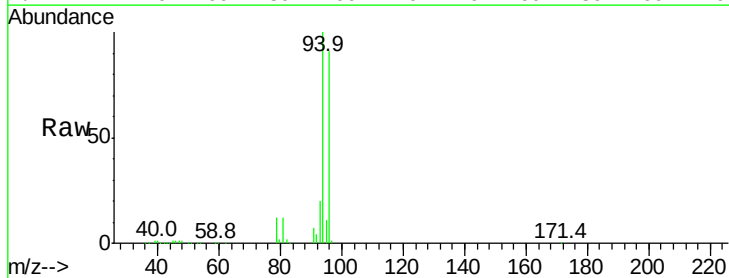
Acq: 10 Mar 2022 9:52

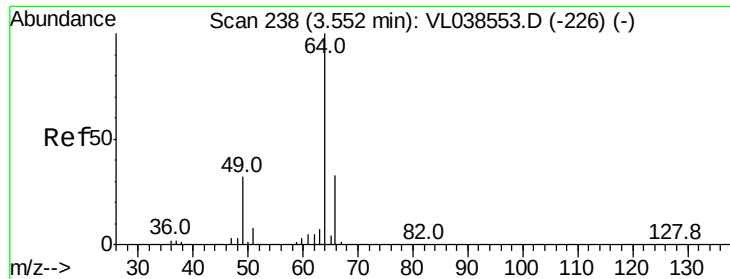
Tgt Ion: 94 Resp: 279372

Ion Ratio Lower Upper

94 100

96 90.6 73.7 110.5





#7

Chloroethane

Concen: 9.71 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Mar 2022 9:52 VSTDCCC010EC

Tgt Ion:

Ion Ratio

64 100

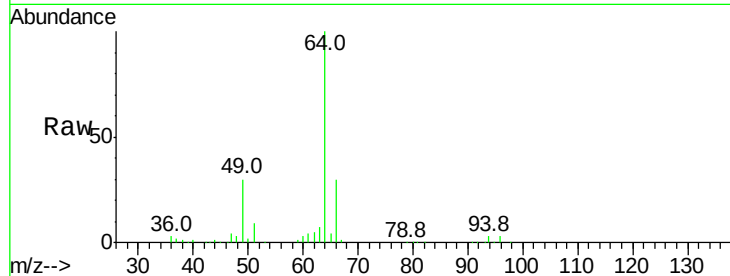
66 29.

Manual Integrations

APPROVED

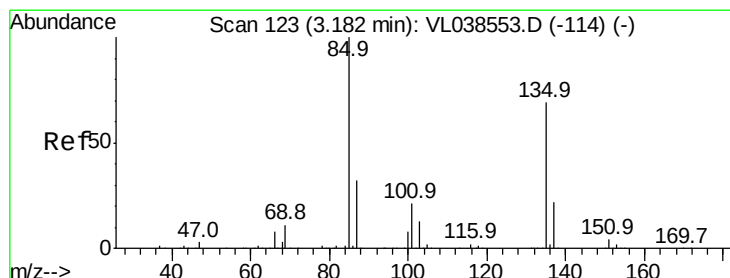
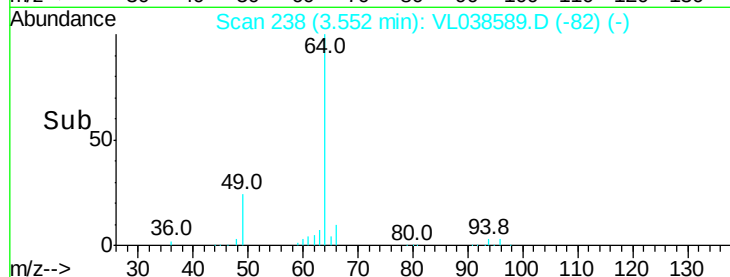
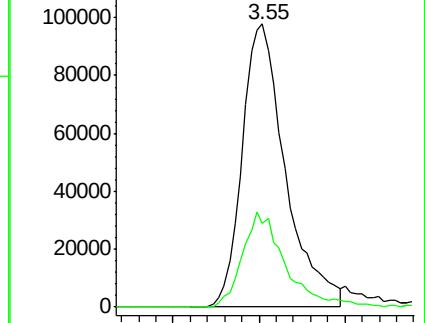
Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 10.12 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.00 min

Lab File: VL038589.D

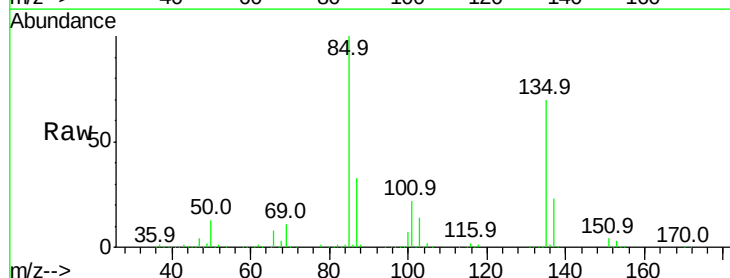
Acq: 10 Mar 2022 9:52

Tgt Ion: 85 Resp: 1229612

Ion Ratio Lower Upper

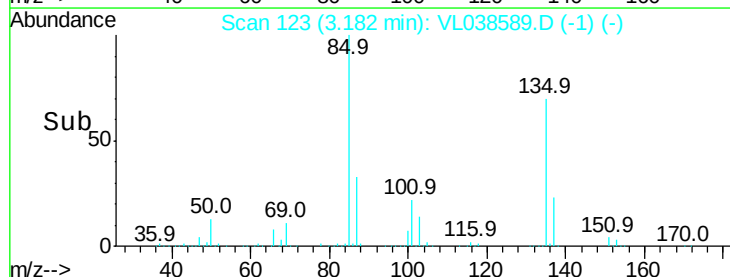
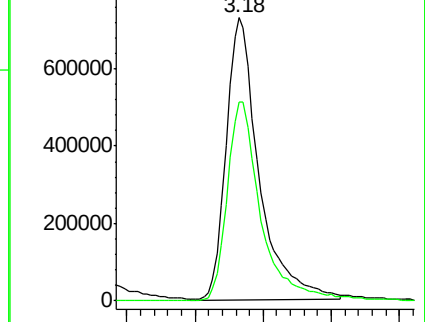
85 100

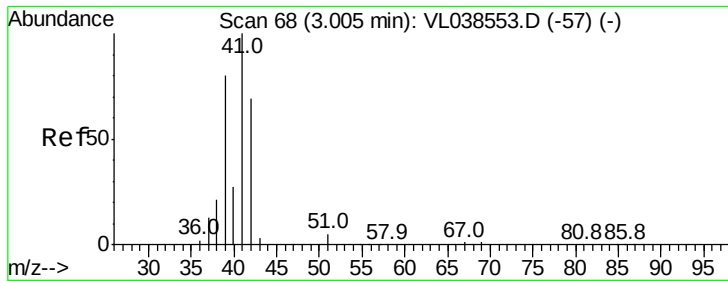
135 73.0 59.0 88.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 9.38 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Mar 2022 9:52

Tgt Ion:

Ion Ratio

41 100

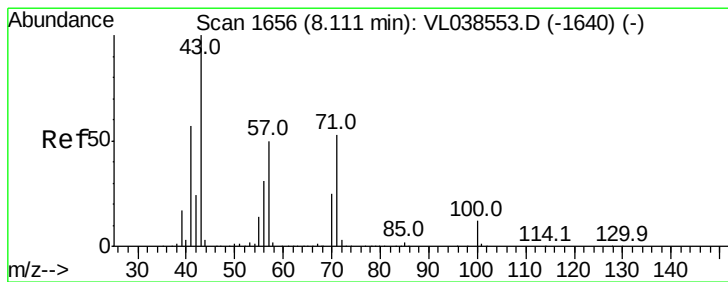
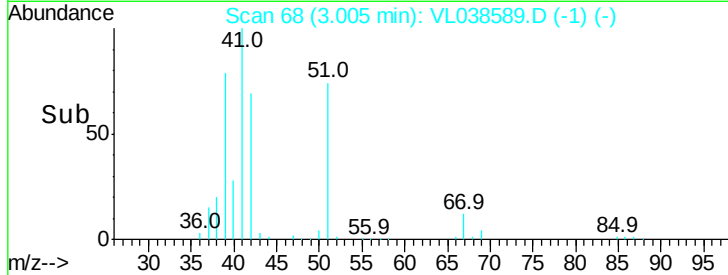
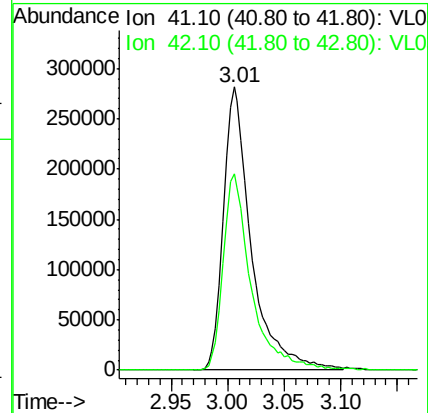
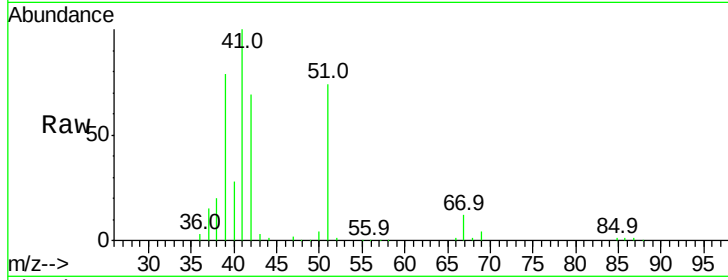
42 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#10

Heptane

Concen: 10.42 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. -0.01 min

Lab File: VL038589.D

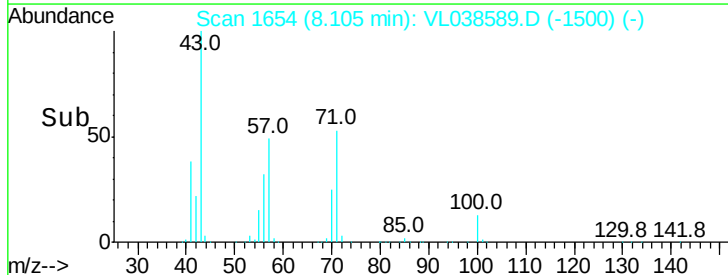
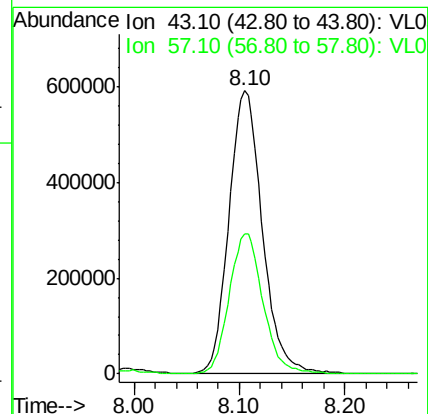
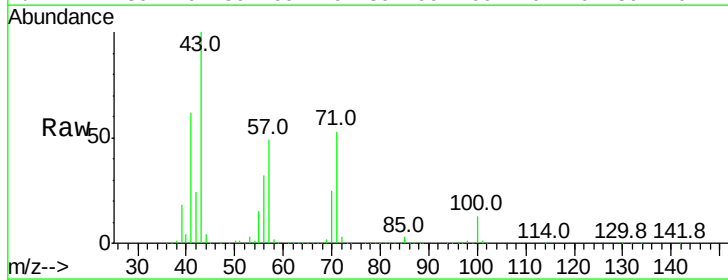
Acq: 10 Mar 2022 9:52

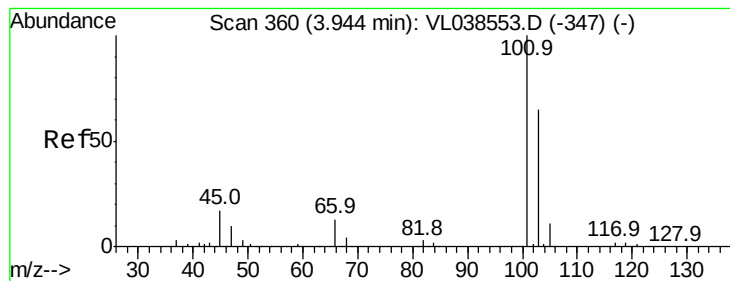
Tgt Ion: 43 Resp: 1287408

Ion Ratio Lower Upper

43 100

57 50.8 39.6 59.4





#11

Trichlorofluoromethane

Concen: 10.20 ppbv

RT: 3.94 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Mar 2022 9:52 VSTDCCC010EC

Tgt Ion:1

Ion Ratio

101 100

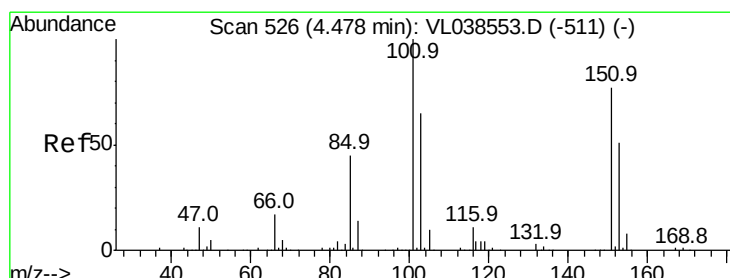
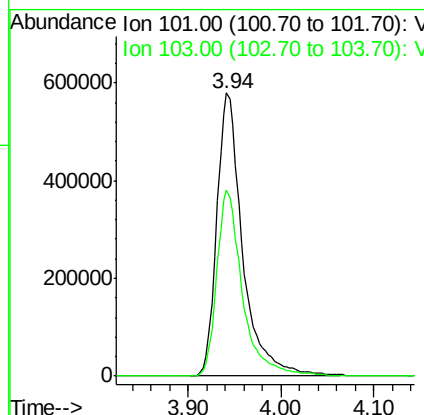
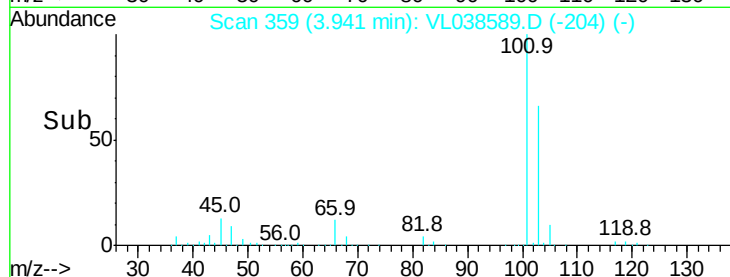
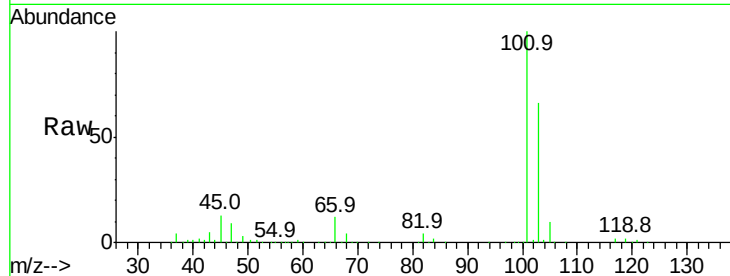
103 65.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.26 ppbv

RT: 4.47 min Scan# 525

Delta R.T. -0.00 min

Lab File: VL038589.D

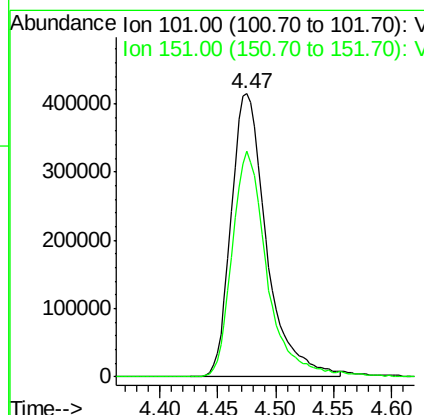
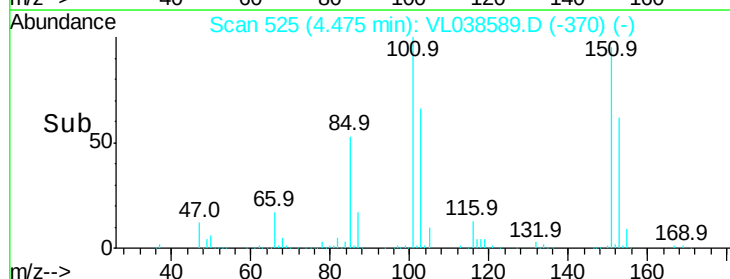
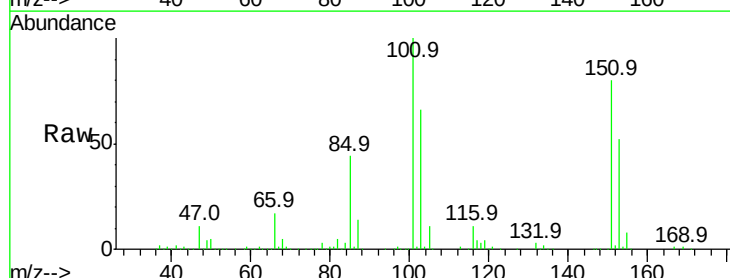
Acq: 10 Mar 2022 9:52

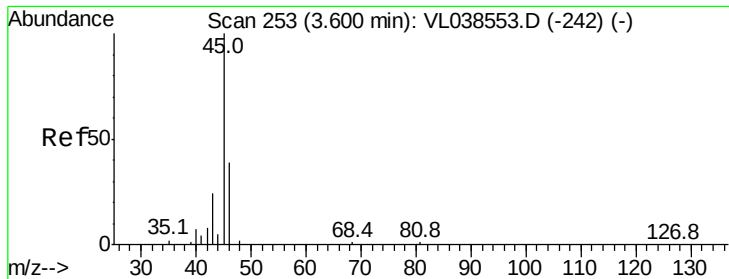
Tgt Ion:101 Resp: 877067

Ion Ratio Lower Upper

101 100

151 79.0 63.4 95.0



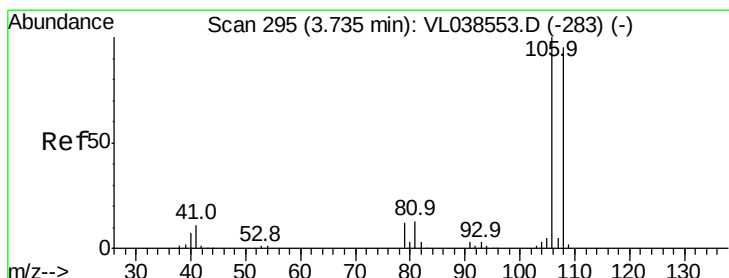
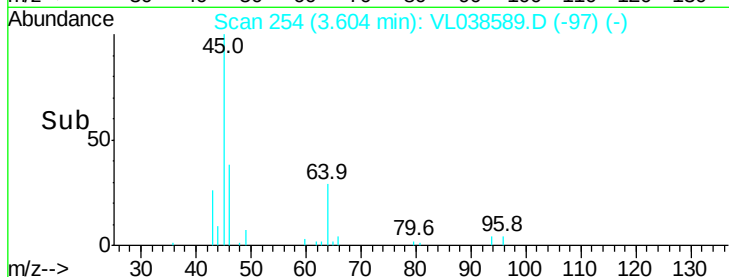
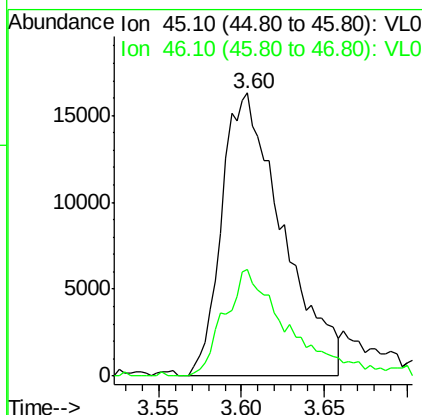
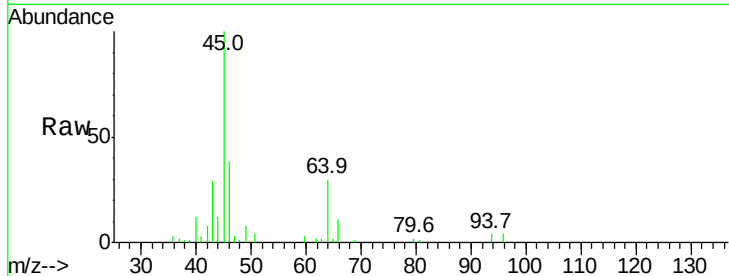


#13
Ethanol
Concen: 7.03 ppbv
RT: 3.60
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 10 Mar 2022 9:52

Tgt Ion:
Ion Ratio
45 100
46 40.

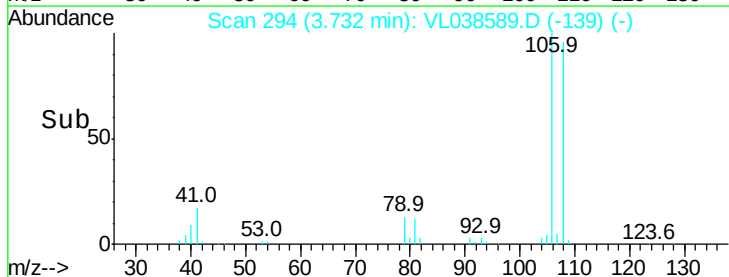
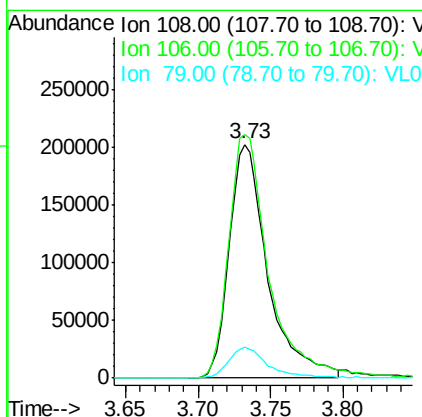
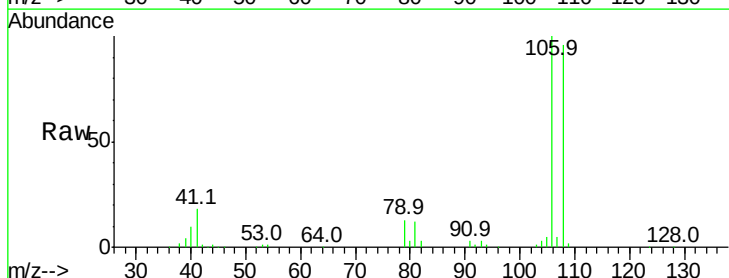
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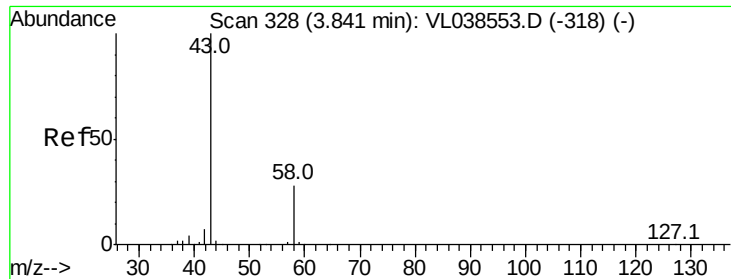
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#14
Bromoethene
Concen: 10.23 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:108 Resp: 372428
Ion Ratio Lower Upper
108 100
106 110.1 85.9 128.9
79 14.1 11.0 16.6





#15

Acetone

Concen: 10.06 ppbv

RT: 3.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Mar 2022 9:52 VSTDCCC010EC

Tgt Ion:

Ion Ratio

43 100

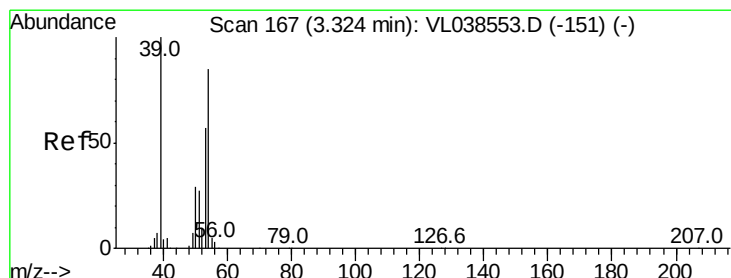
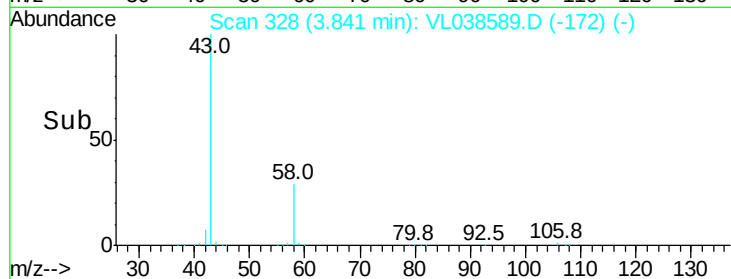
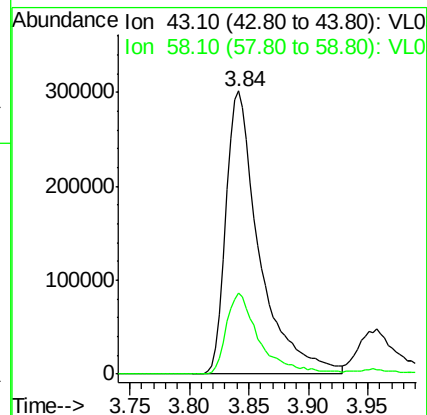
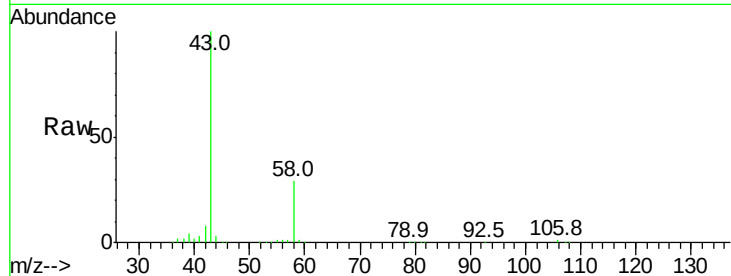
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#16

1,3-Butadiene

Concen: 10.31 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL038589.D

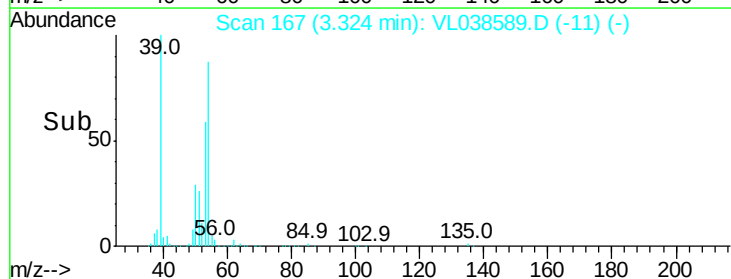
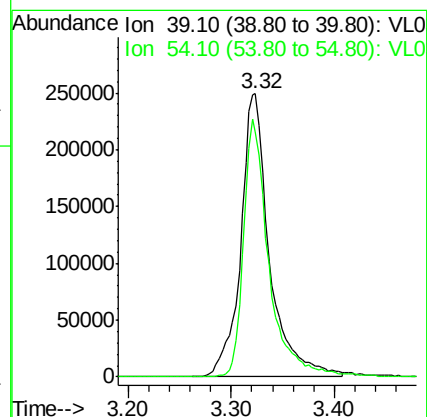
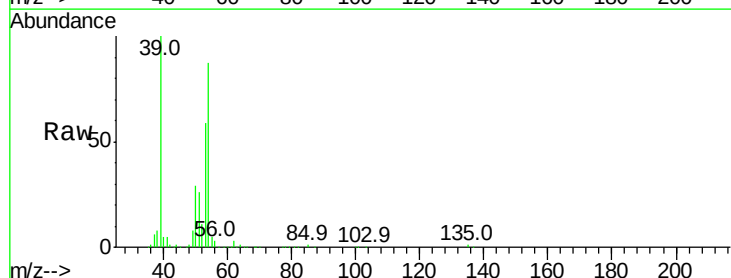
Acq: 10 Mar 2022 9:52

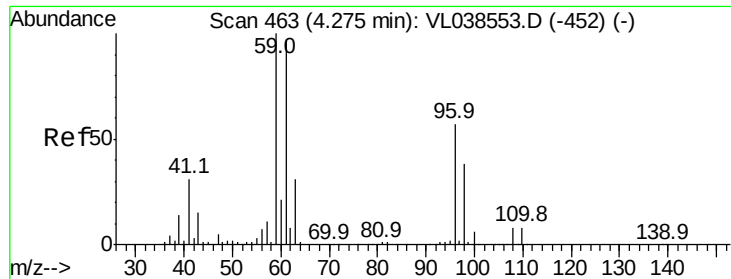
Tgt Ion: 39 Resp: 485174

Ion Ratio Lower Upper

39 100

54 80.9 64.2 96.2



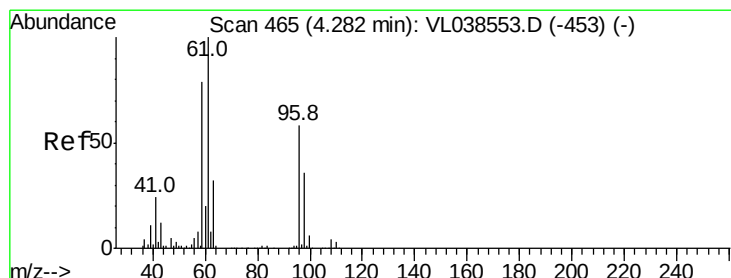
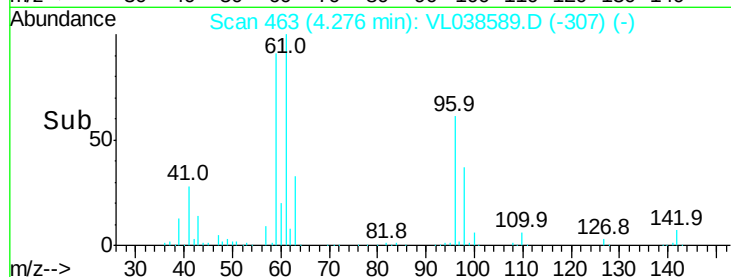
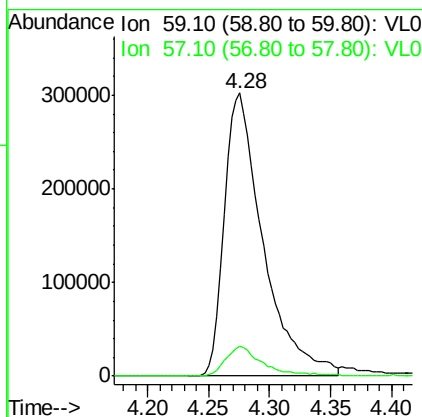
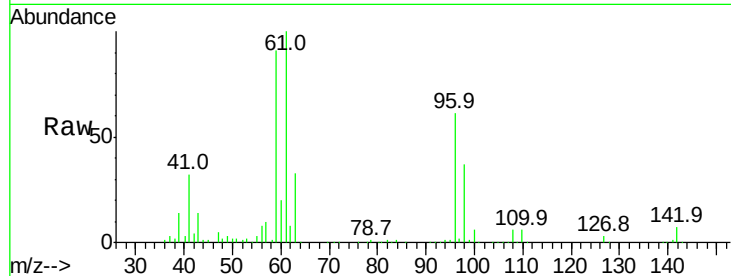


#17
 tert-Butyl alcohol
 Concen: 10.58 ppbv
 RT: 4.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 10 Mar 2022 9:52

Tgt Ion:
 Ion Ratio
 59 100
 57 10.

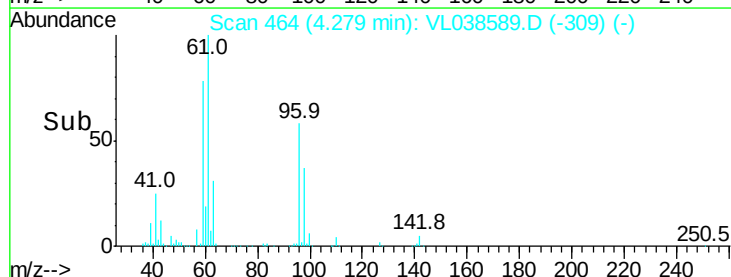
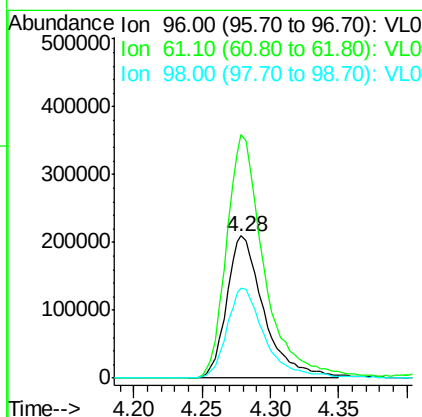
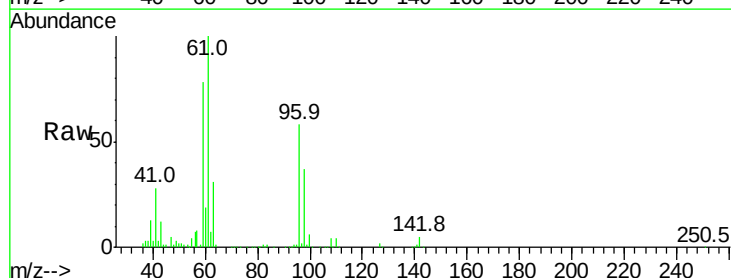
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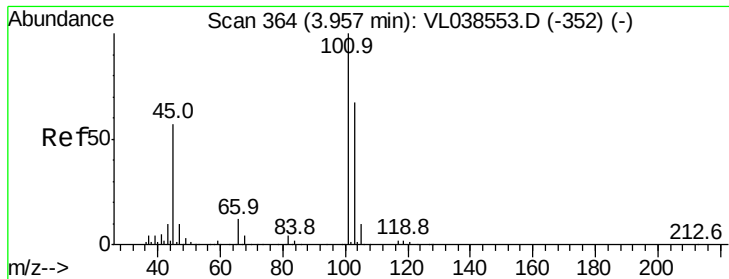
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#18
 1,1-Dichloroethene
 Concen: 10.42 ppbv
 RT: 4.28 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: VL038589.D
 Acq: 10 Mar 2022 9:52

Tgt Ion: 96 Resp: 398425
 Ion Ratio Lower Upper
 96 100
 61 171.5 137.4 206.0
 98 63.7 49.3 73.9





#19

Isopropyl Alcohol

Concen: 9.68 ppbv

RT: 3.95

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Mar 2022 9:52

Tgt Ion:

Ion Ratio

45 100

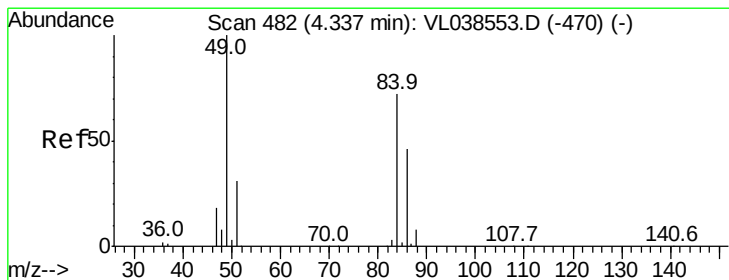
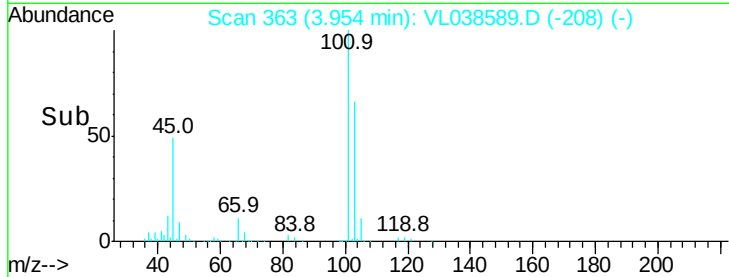
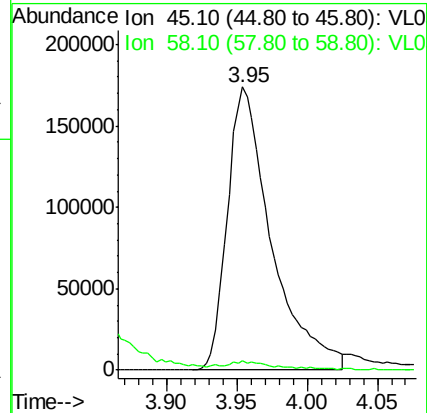
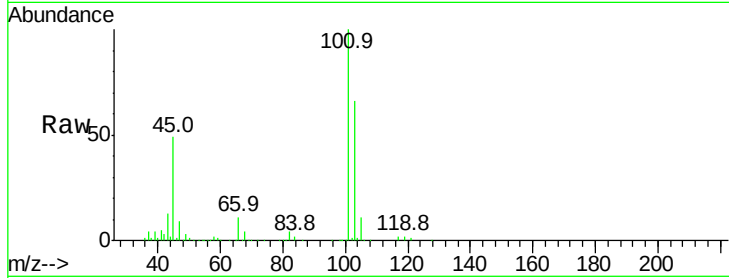
58 3.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#20

Methylene Chloride

Concen: 9.15 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.00 min

Lab File: VL038589.D

Acq: 10 Mar 2022 9:52

Tgt Ion: 84 Resp: 322191

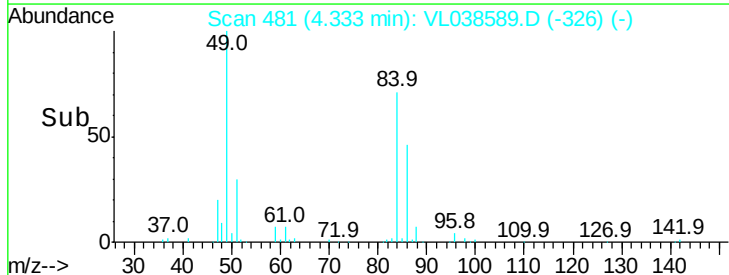
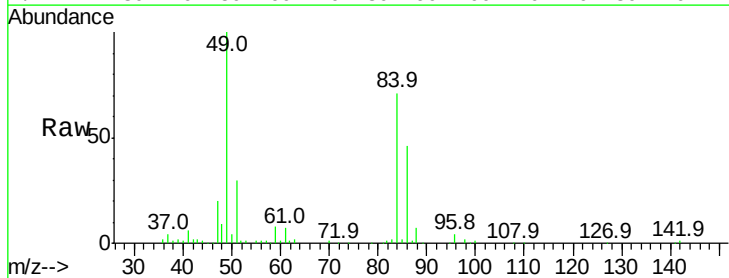
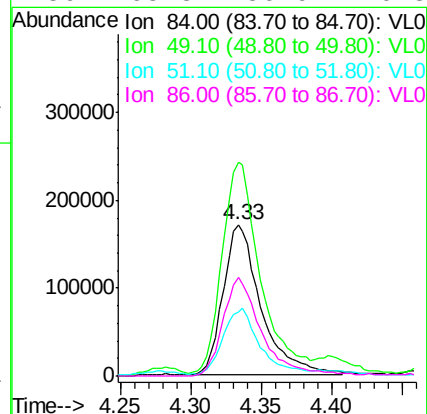
Ion Ratio Lower Upper

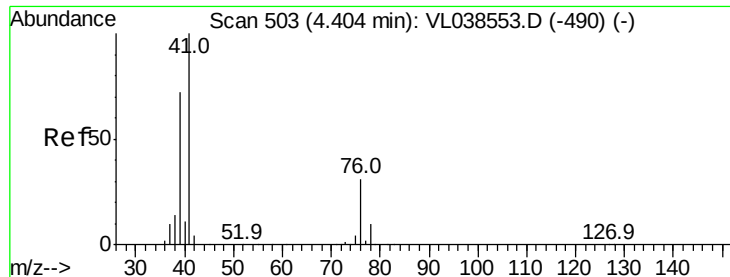
84 100

49 139.9 111.1 166.7

51 41.3 34.0 51.0

86 65.3 50.9 76.3



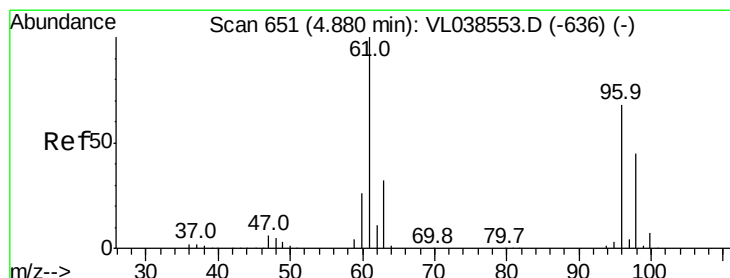
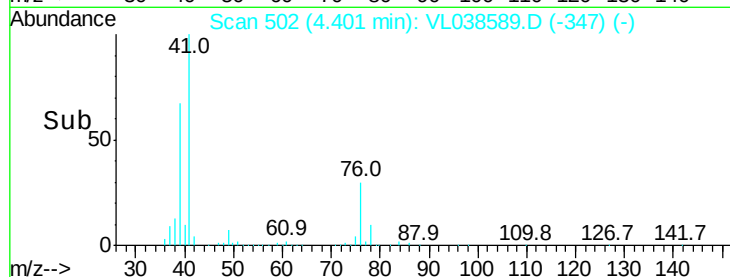
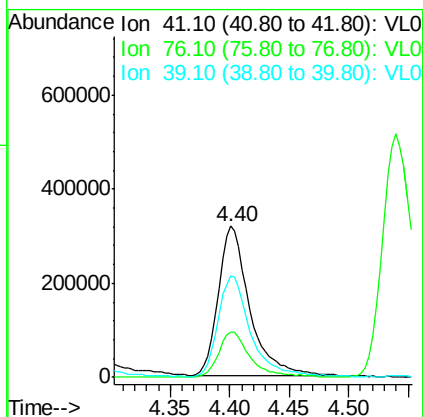
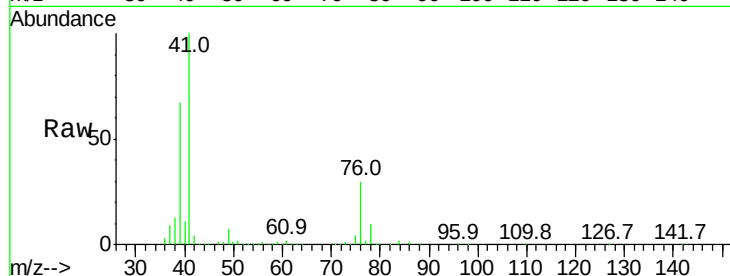


#21
 Allyl Chloride
 Concen: 10.31 ppbv
 RT: 4.40
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 10 Mar 2022 9:52

Tgt Ion:
 Ion Ratio
 41 100
 76 31.
 39 70.

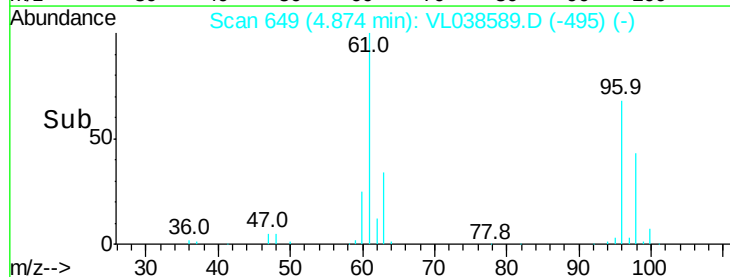
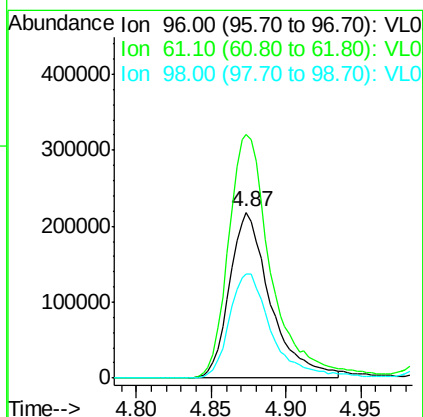
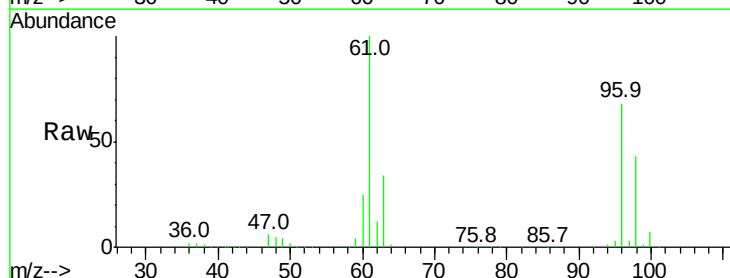
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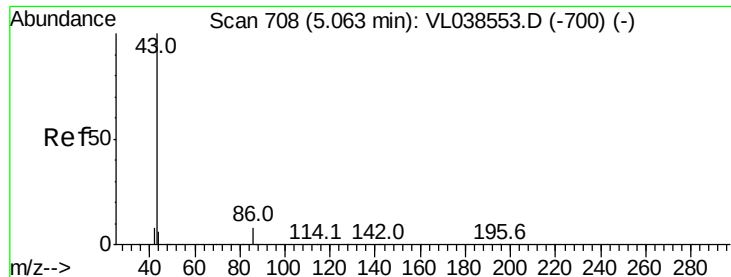
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.39 ppbv
 RT: 4.87 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: VL038589.D
 Acq: 10 Mar 2022 9:52

Tgt Ion: 96 Resp: 416458
 Ion Ratio Lower Upper
 96 100
 61 146.8 117.6 176.4
 98 63.1 52.6 78.8





#23

Vinyl Acetate

Concen: 10.84 ppbv

RT: 5.06 Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 10 Mar 2022 9:52

Tgt Ion:

Ion Ratio

43 100

86 7.

42 8.

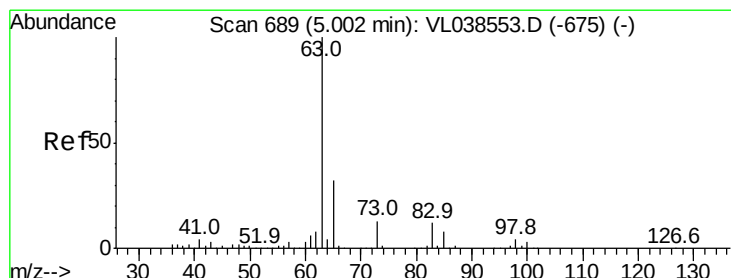
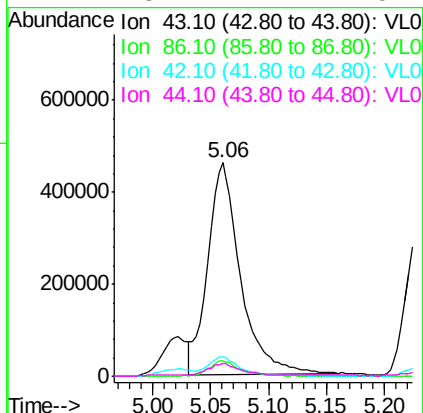
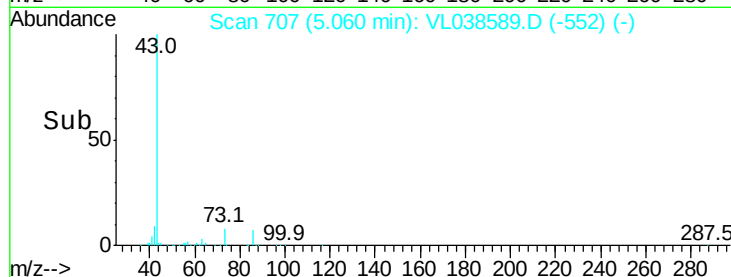
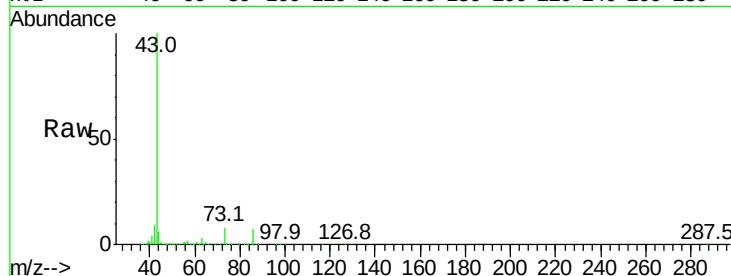
44 5.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#24

1,1-Dichloroethane

Concen: 10.38 ppbv

RT: 5.00 min Scan# 688

Delta R.T. -0.00 min

Lab File: VL038589.D

Acq: 10 Mar 2022 9:52

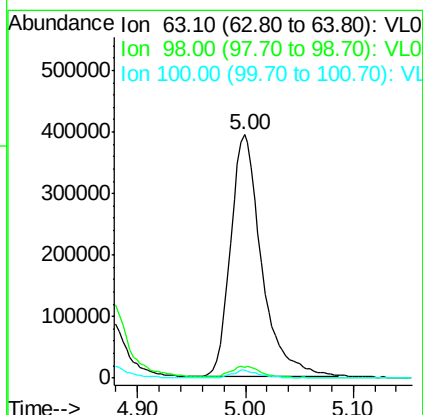
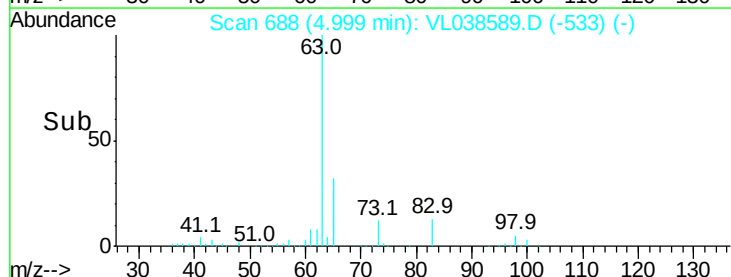
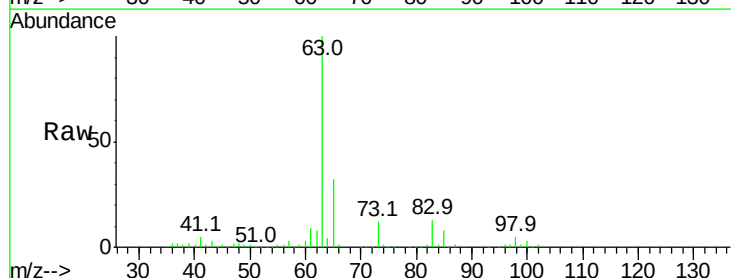
Tgt Ion: 63 Resp: 791832

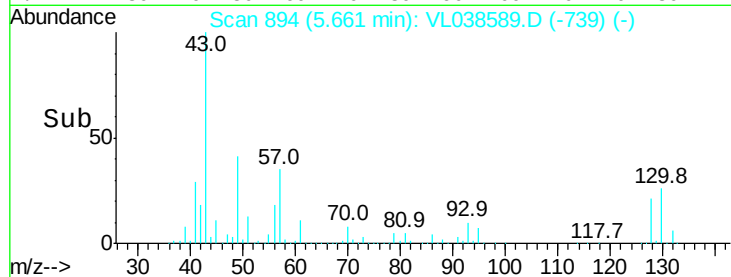
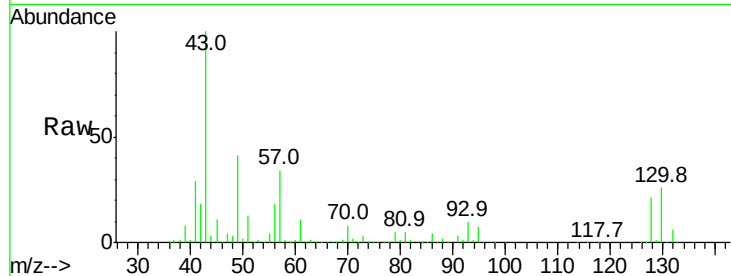
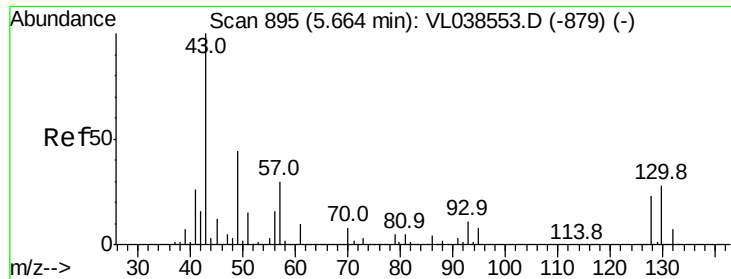
Ion Ratio Lower Upper

63 100

98 4.5 2.2 6.6

100 3.1 1.5 4.5



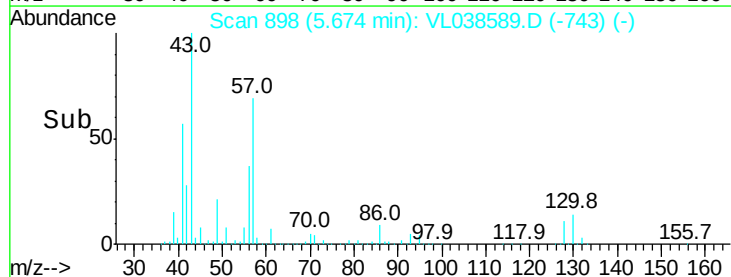
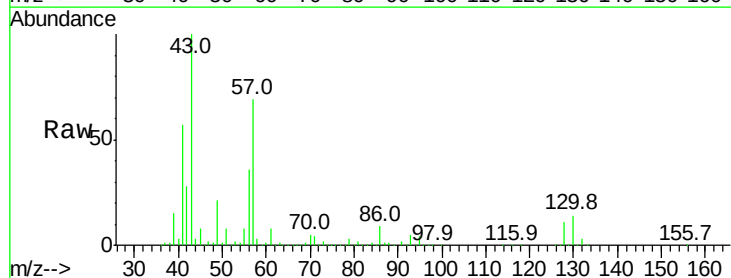
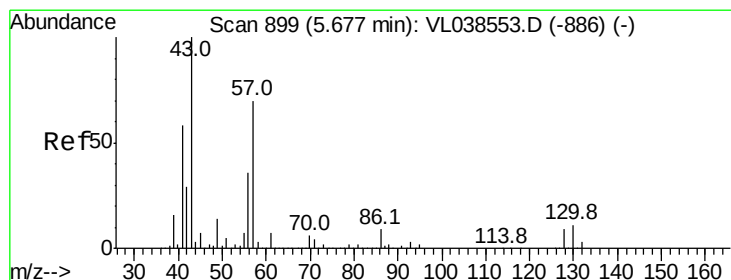
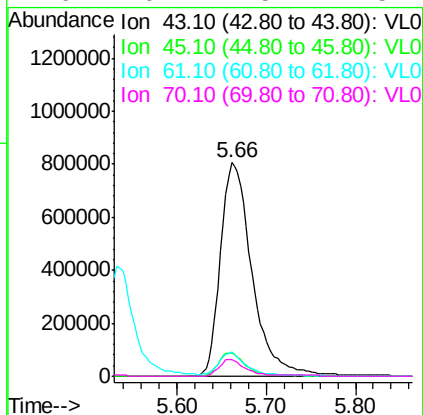


#25
Ethyl Acetate
Concen: 10.01 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 10 Mar 2022 9:52

Tgt Ion: 43.0
Ion Ratio: 100
61 10.0
70 6.7 5.4 8.2

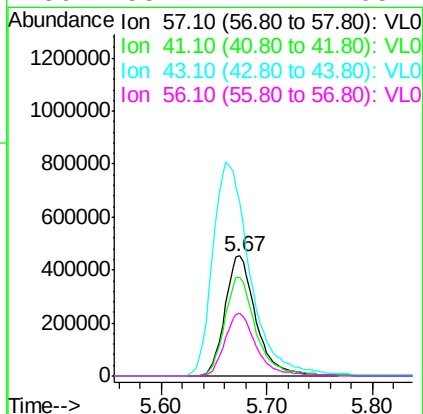
Manual Integrations APPROVED

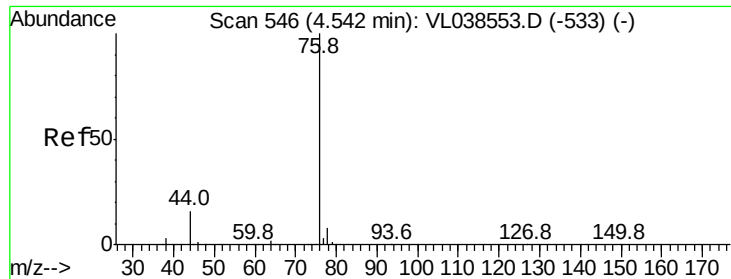
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#26
Hexane
Concen: 9.96 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 57 Resp: 922042
Ion Ratio Lower Upper
57 100
41 84.6 67.8 101.6
43 215.8 173.6 260.4
56 53.4 42.2 63.2





#27

Carbon Disulfide

Concen: 11.29 ppbv

RT: 4.54 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 10 Mar 2022 9:52

Tgt Ion:

Ion Ratio

76 100

44 15.

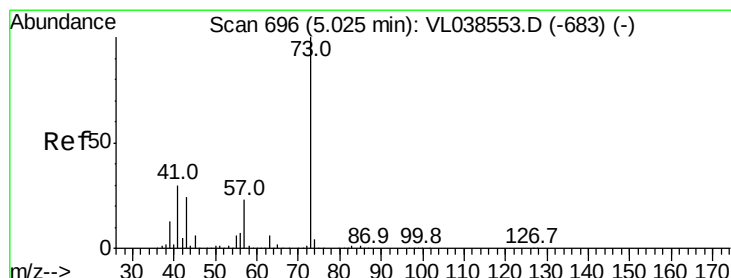
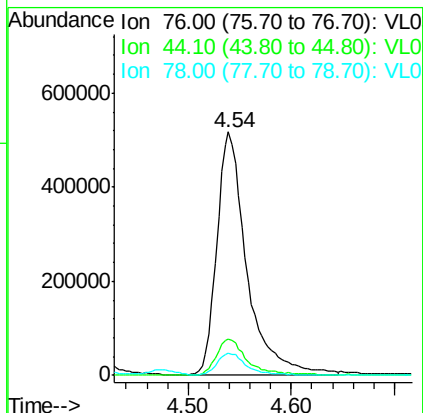
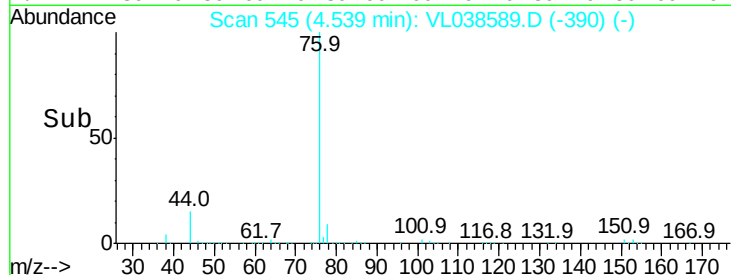
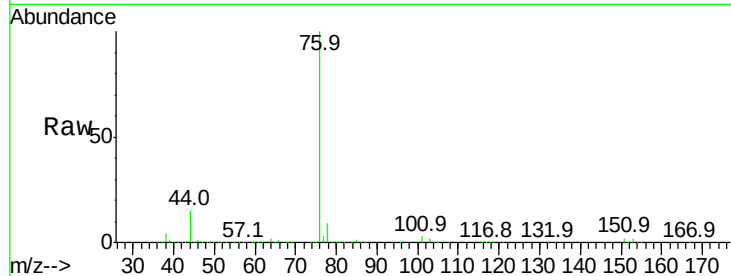
78 9.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#28

Methyl tert-Butyl Ether

Concen: 10.09 ppbv

RT: 5.02 min Scan# 695

Delta R.T. -0.00 min

Lab File: VL038589.D

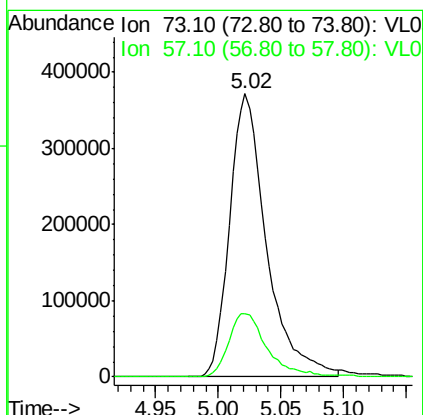
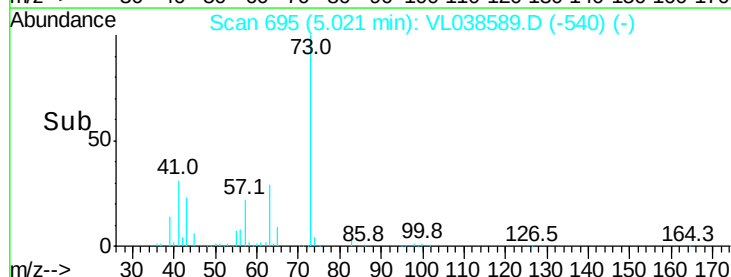
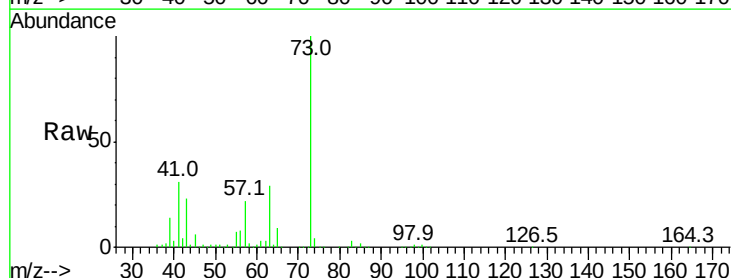
Acq: 10 Mar 2022 9:52

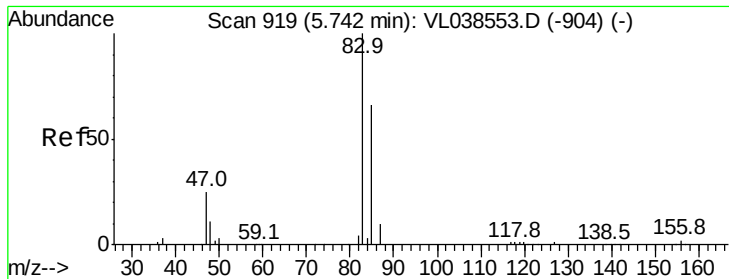
Tgt Ion: 73 Resp: 760676

Ion Ratio Lower Upper

73 100

57 24.0 18.8 28.2



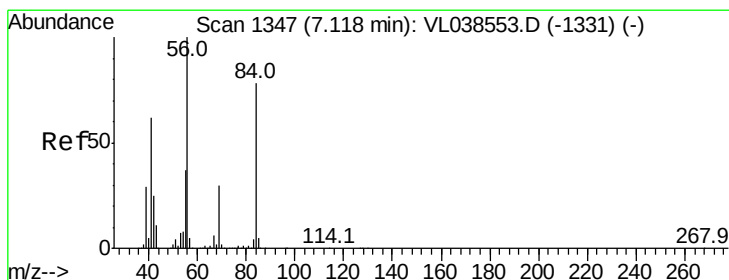
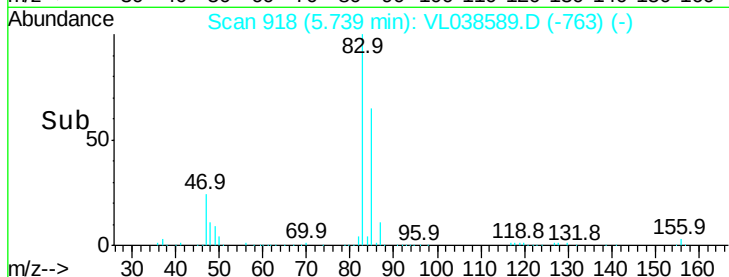
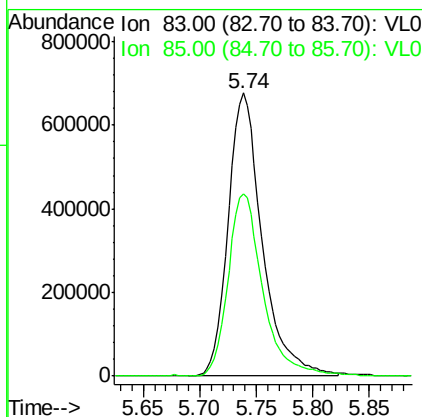
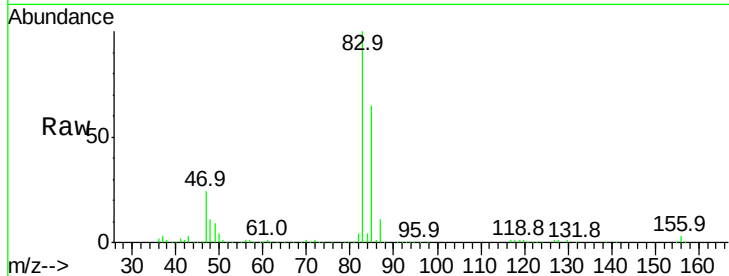


#29
Chloroform
Concen: 9.87 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 10 Mar 2022 9:52

Tgt Ion:
Ion Ratio
83 100
85 64.

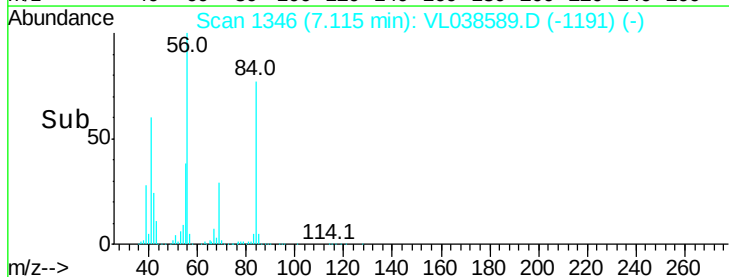
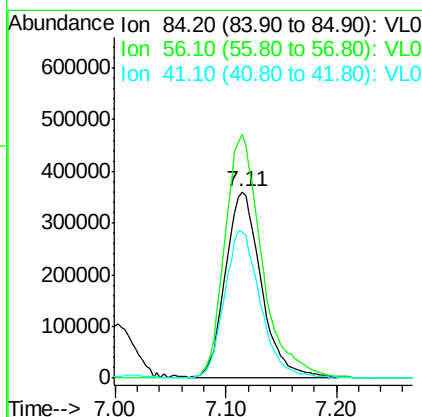
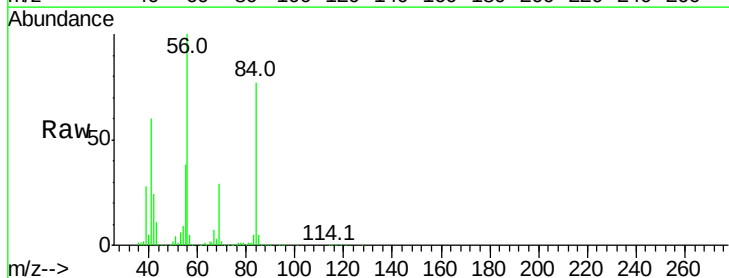
Manual Integrations
APPROVED

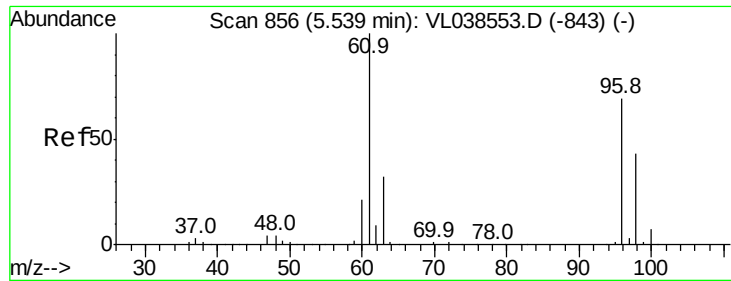
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#30
Cyclohexane
Concen: 10.18 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 84 Resp: 815077
Ion Ratio Lower Upper
84 100
56 135.4 111.4 167.0
41 79.8 65.5 98.3





#31

cis-1,2-Dichloroethene

Concen: 9.65 ppbv

RT: 5.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Mar 2022 9:52

Tgt Ion:

Ion Ratio

61 100

96 66.

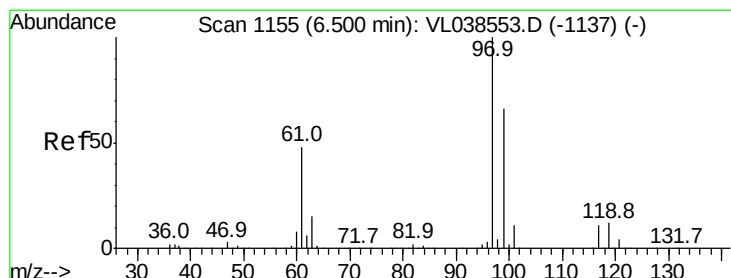
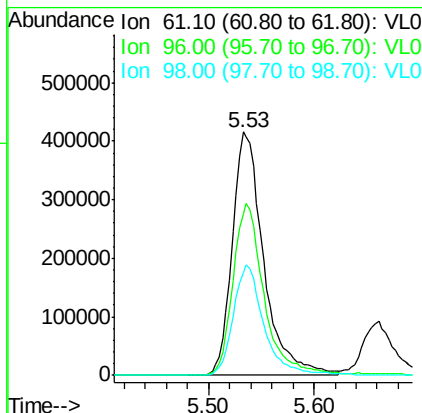
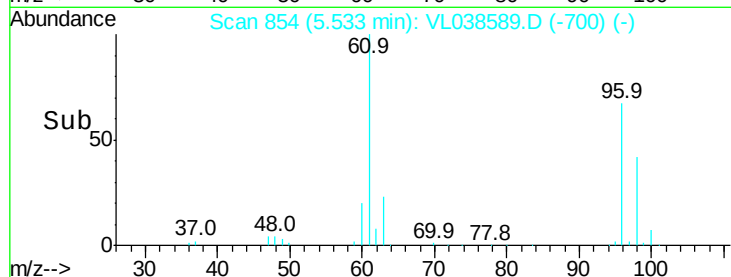
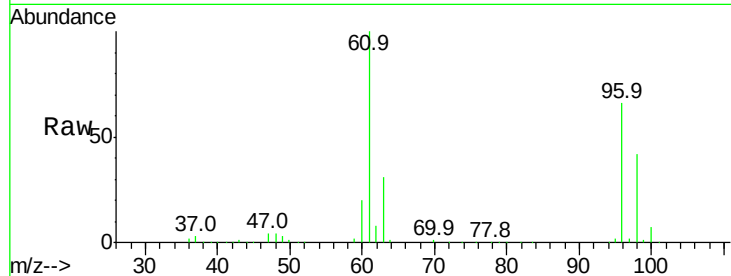
98 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#32

1,1,1-Trichloroethane

Concen: 9.78 ppbv

RT: 6.49 min Scan# 1153

Delta R.T. -0.01 min

Lab File: VL038589.D

Acq: 10 Mar 2022 9:52

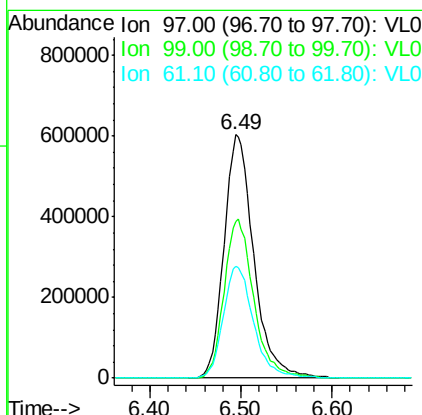
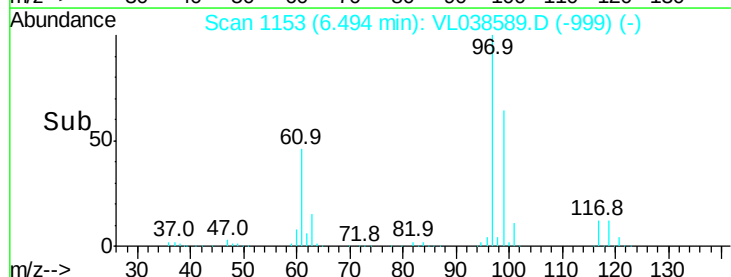
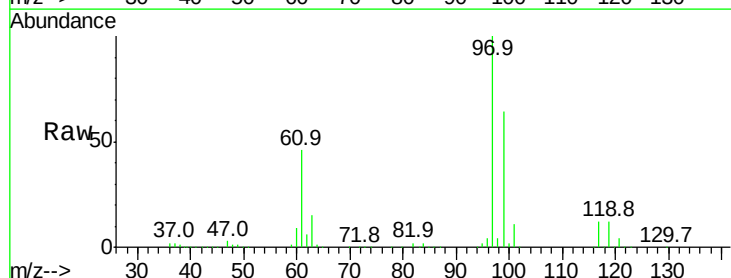
Tgt Ion: 97 Resp: 1367125

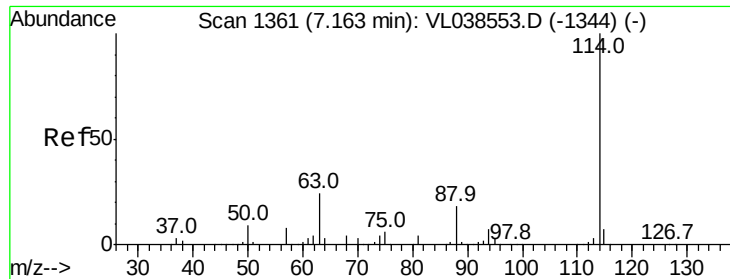
Ion Ratio Lower Upper

97 100

99 65.3 52.1 78.1

61 46.9 37.7 56.5



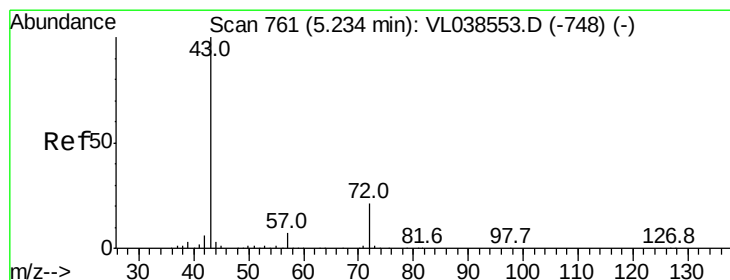
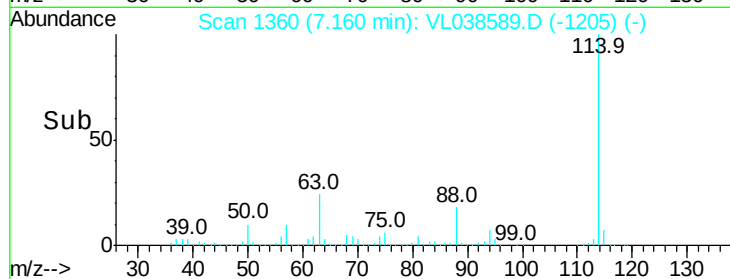
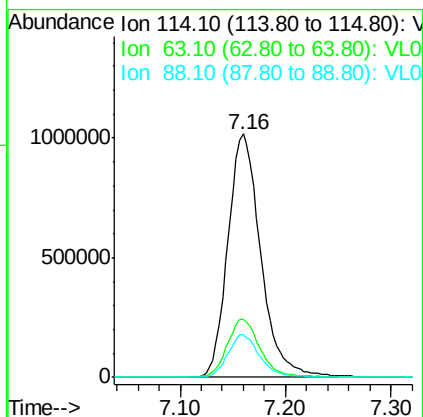
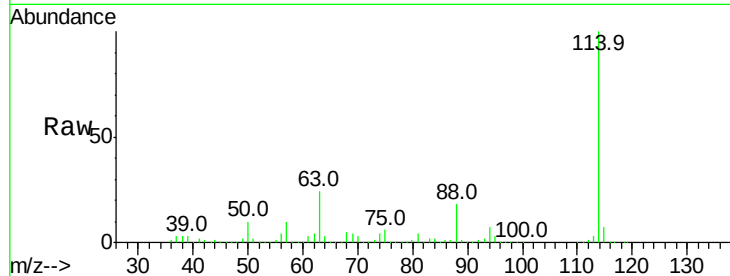


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 10 Mar 2022 9:52

Tgt Ion: 114
 Ion Ratio: 100
 114 100
 63 24
 88 17

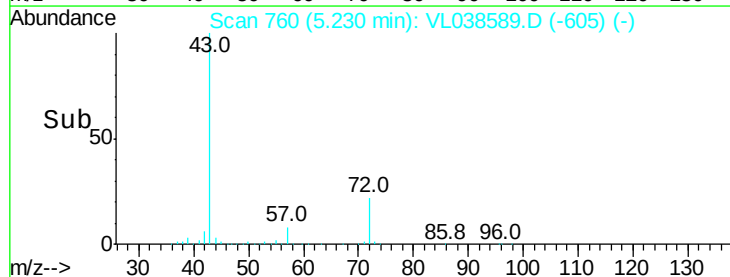
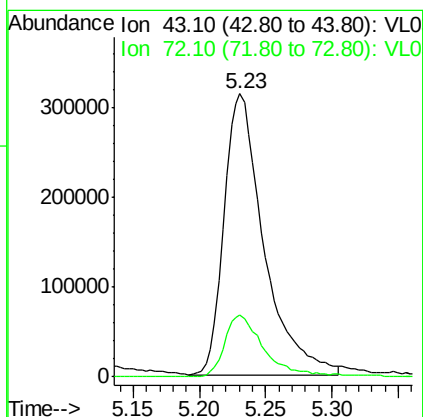
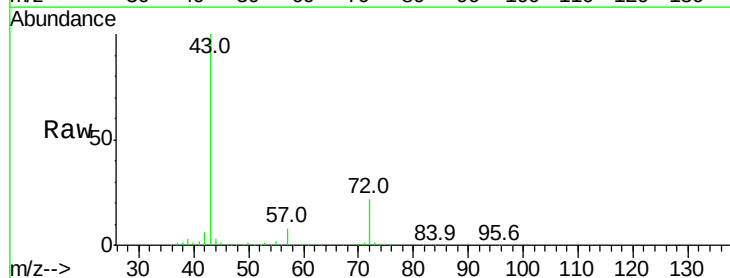
Manual Integrations
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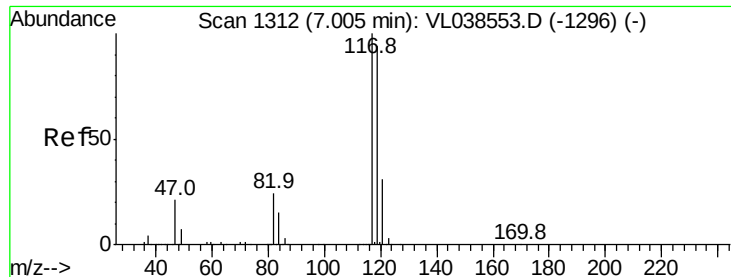
Reviewed By : Semsettin Yesilyurt 03/13/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#34
 2-Butanone
 Concen: 11.44 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T.: -0.00 min
 Lab File: VL038589.D
 Acq: 10 Mar 2022 9:52

Tgt Ion: 43 Resp: 651690
 Ion Ratio Lower Upper
 43 100
 72 22.6 17.8 26.6



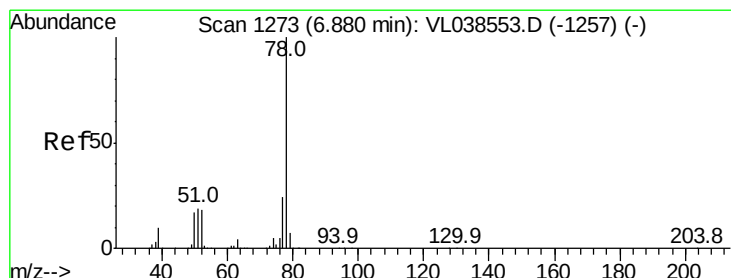
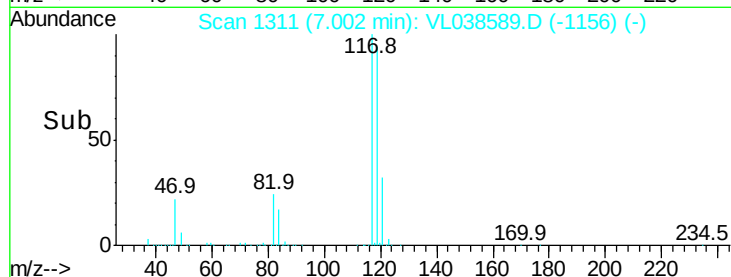
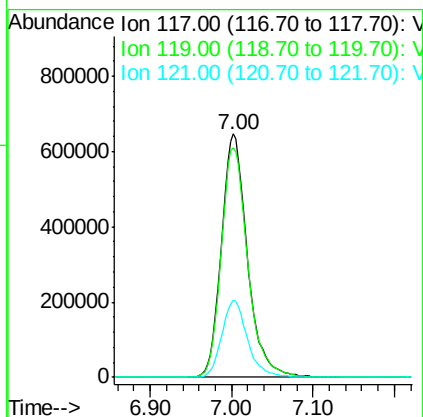
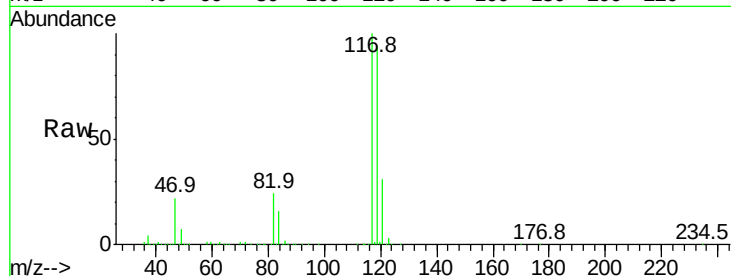


#35
Carbon Tetrachloride
Concen: 9.71 ppbv
RT: 7.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 10 Mar 2022 9:52

Tgt Ion: 1
Ion Ratio
117 100
119 94.
121 31.

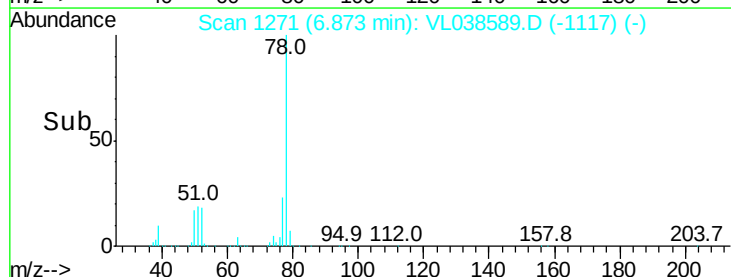
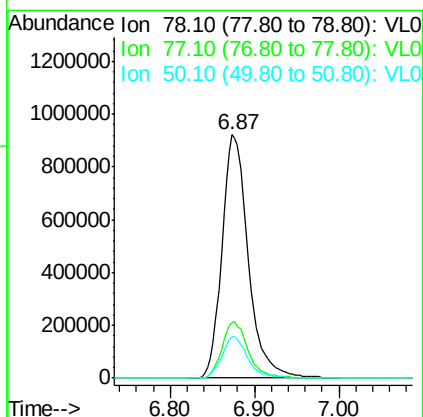
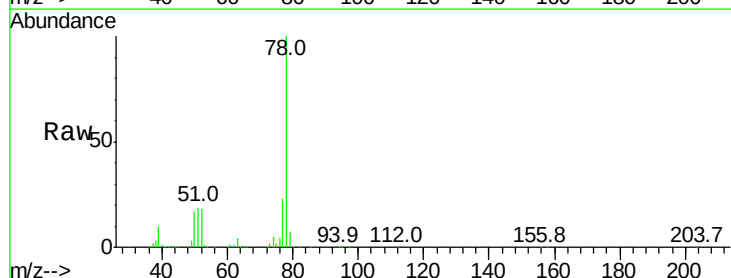
Manual Integrations
APPROVED

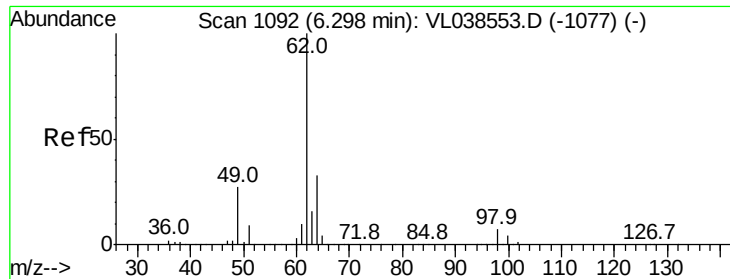
Reviewed By : Semsettin Yesilyurt 03/13/2022
Supervised By : Mahesh Dadoda 03/14/2022



#36
Benzene
Concen: 10.05 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 78 Resp: 1992546
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4
50 17.2 13.9 20.9



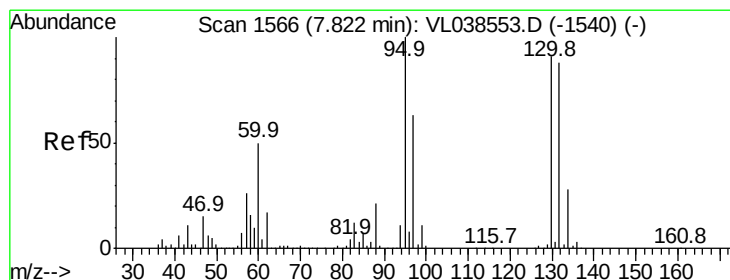
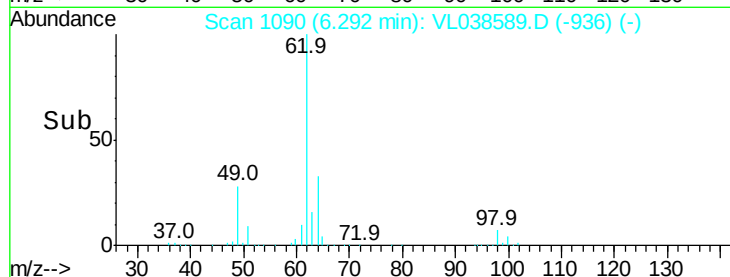
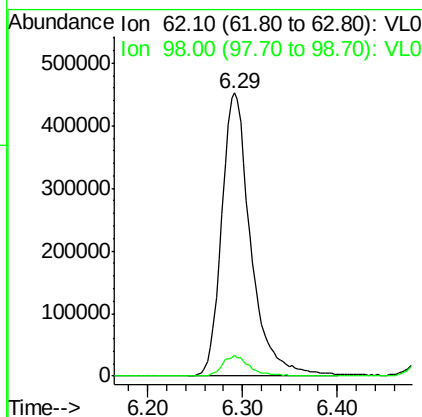
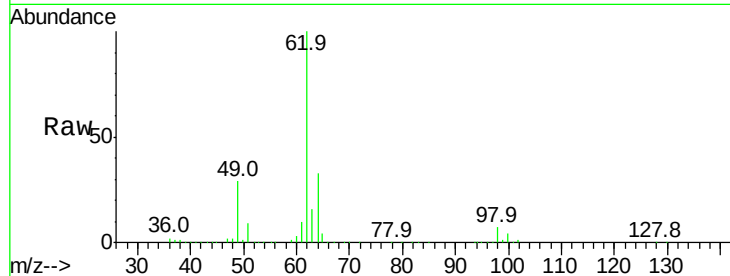


#37
1,2-Dichloroethane
Concen: 10.21 ppbv
RT: 6.29
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 10 Mar 2022 9:52

Tgt Ion:
Ion Ratio
62 100
98 7.

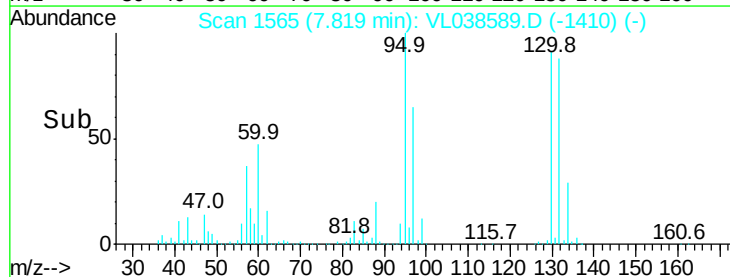
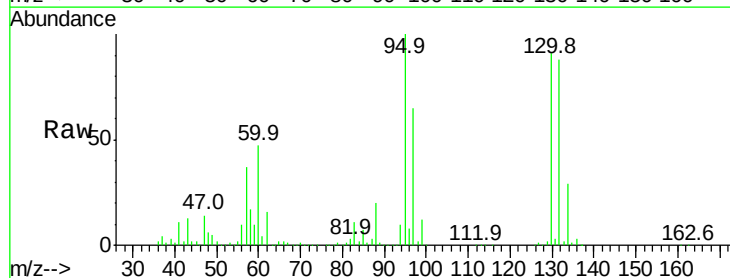
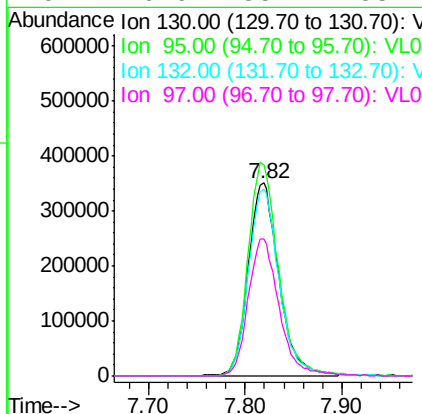
Manual Integrations
APPROVED

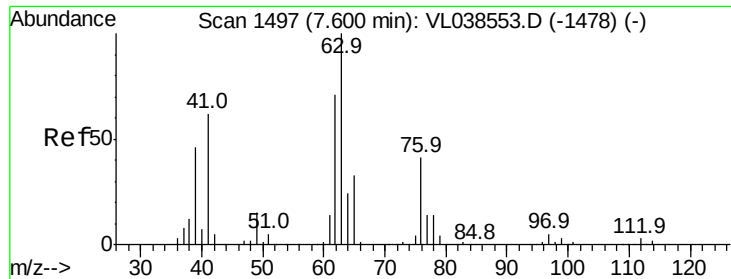
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#38
Trichloroethene
Concen: 9.74 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:130 Resp: 771262
Ion Ratio Lower Upper
130 100
95 109.7 87.8 131.8
132 97.1 77.5 116.3
97 70.9 55.4 83.2





#39

1,2-Dichloropropane

Concen: 10.05 ppbv

RT: 7.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Mar 2022 9:52 VSTDCC010EC

Tgt Ion:

Ion Ratio

63 100

41 64.

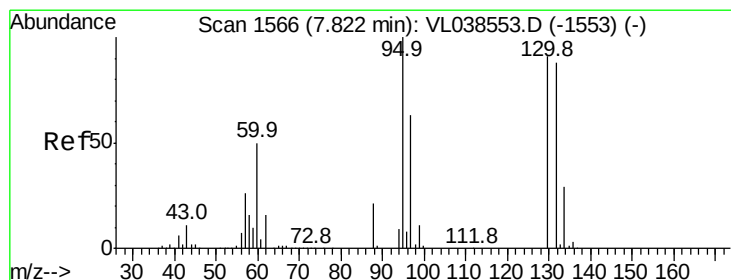
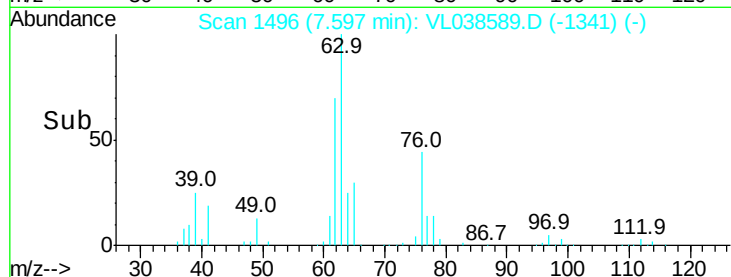
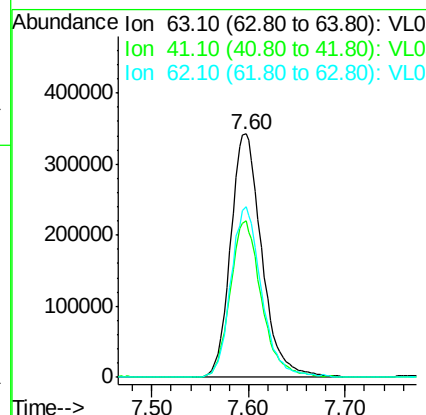
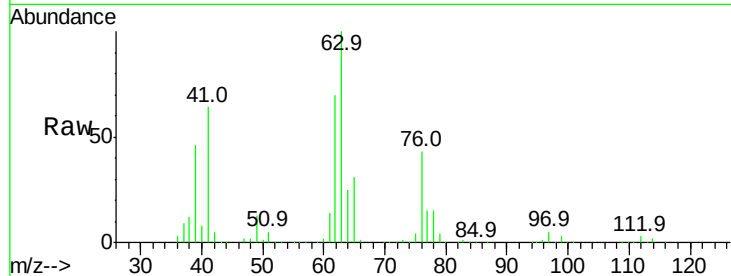
62 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#40

1,4-Dioxane

Concen: 9.93 ppbv

RT: 7.82 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VL038589.D

Acq: 10 Mar 2022 9:52

Tgt Ion: 88 Resp: 189538

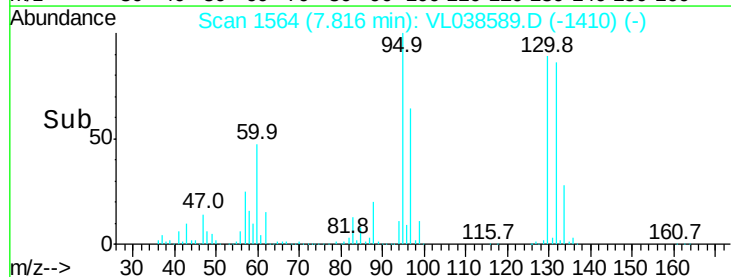
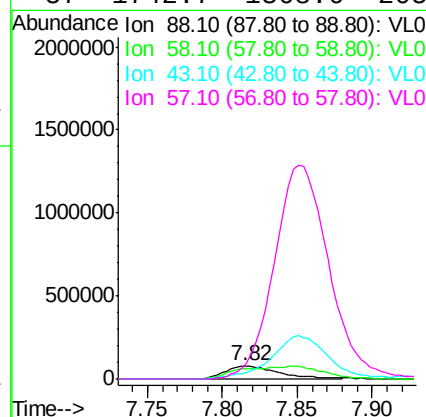
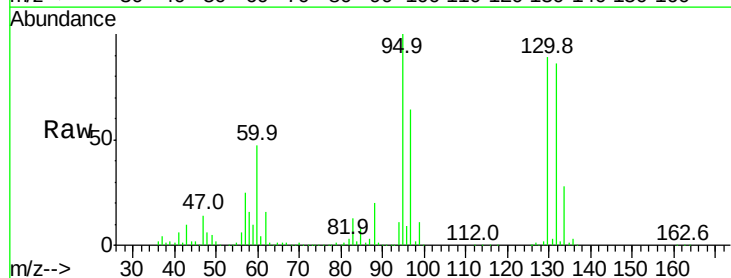
Ion Ratio Lower Upper

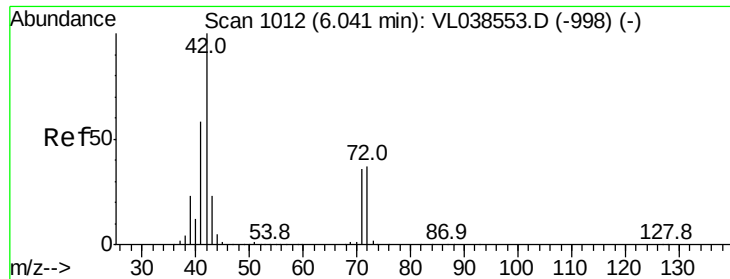
88 100

58 160.9 126.7 190.1

43 366.3 303.0 454.6

57 1742.7 1368.6 2053.0



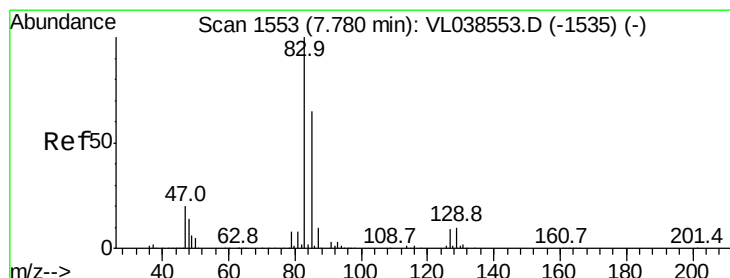
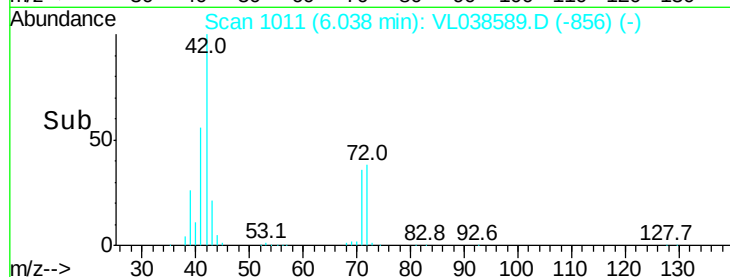
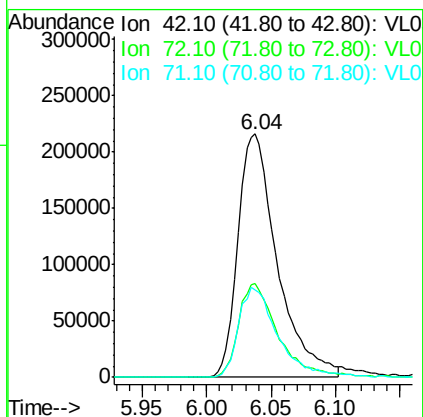
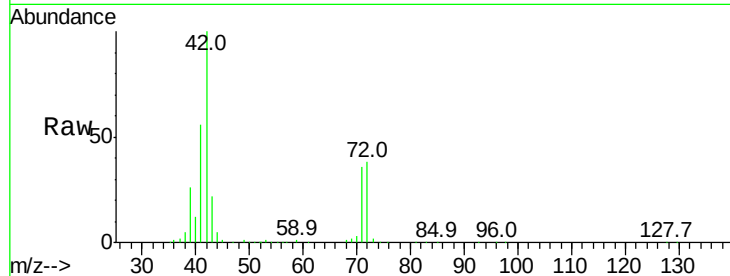


#41
Tetrahydrofuran
Concen: 9.87 ppbv
RT: 6.04
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 10 Mar 2022 9:52

Tgt Ion:
Ion Ratio
42 100
72 39.
71 37.

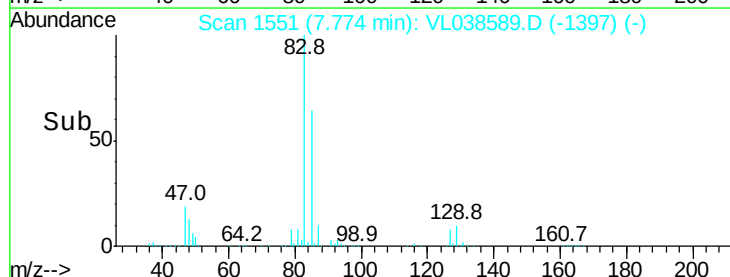
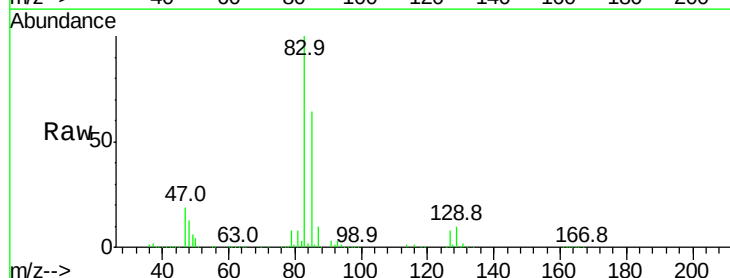
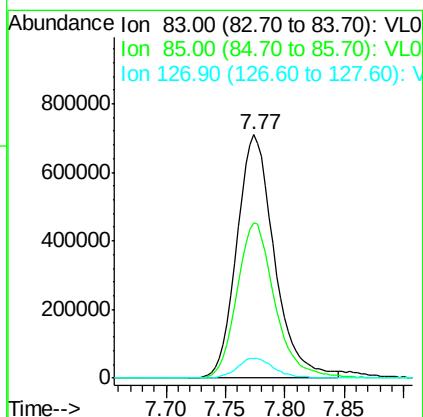
Manual Integrations
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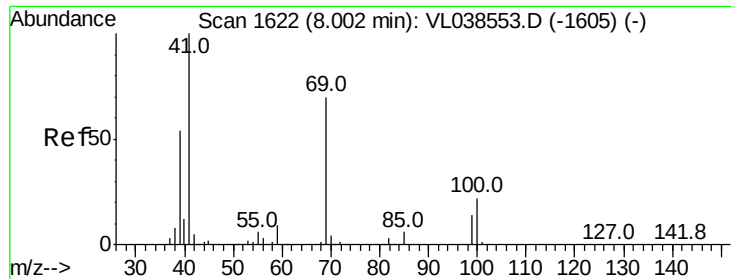
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#42
Bromodichloromethane
Concen: 10.36 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 83 Resp: 1556355
Ion Ratio Lower Upper
83 100
85 64.0 51.7 77.5
127 8.2 6.9 10.3



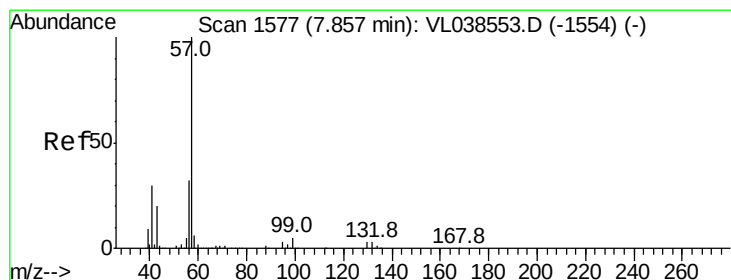
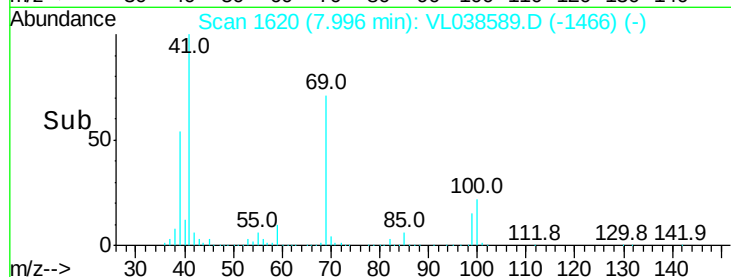
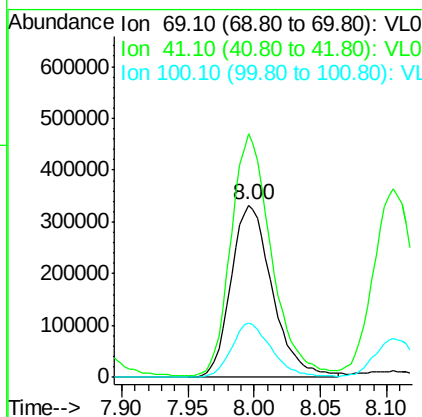
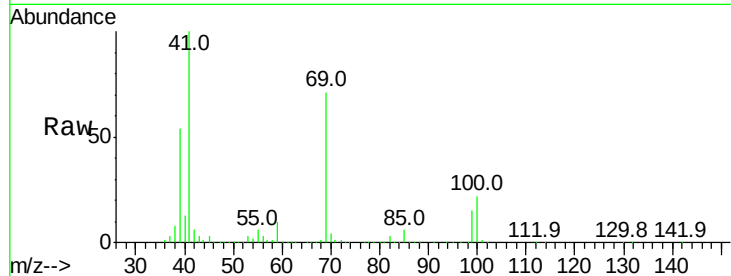


#43
Methyl Methacrylate
Concen: 10.53 ppbv
RT: 8.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 10 Mar 2022 9:52

Tgt Ion:
Ion Ratio
69 100
41 139.
100 30.

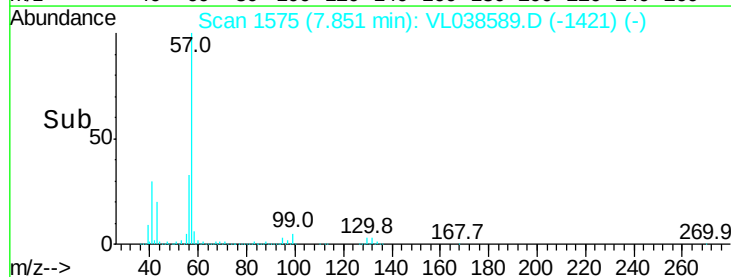
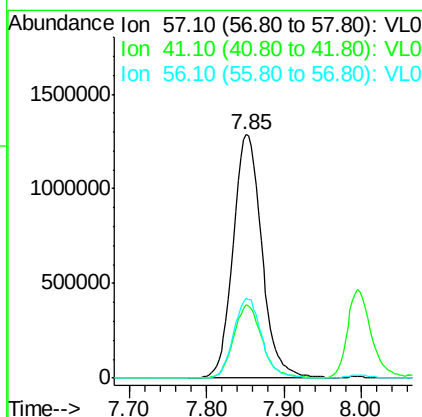
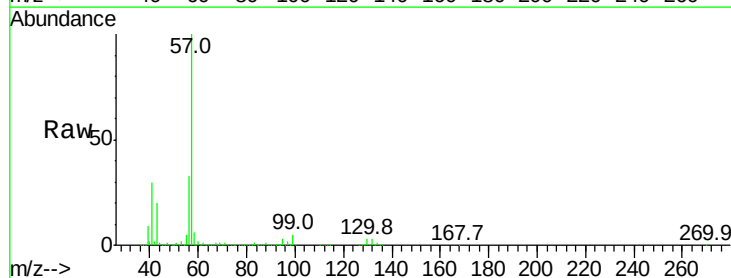
Manual Integrations
APPROVED

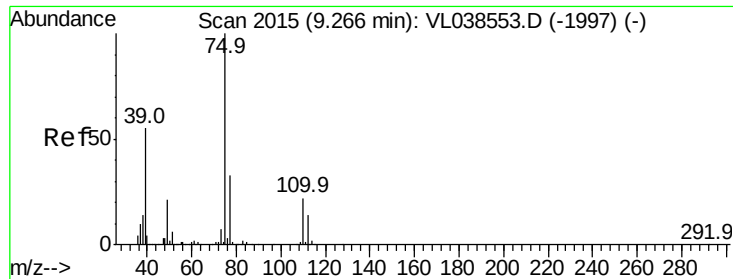
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#44
2,2,4-Trimethylpentane
Concen: 9.86 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 57 Resp: 3304417
Ion Ratio Lower Upper
57 100
41 29.9 24.0 36.0
56 31.9 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 11.45 ppbv

RT: 9.26

Instrument: MSVOA_L

Delta R.T.

ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 10 Mar 2022 9:52

Tgt Ion:

Ion Ratio

75 100

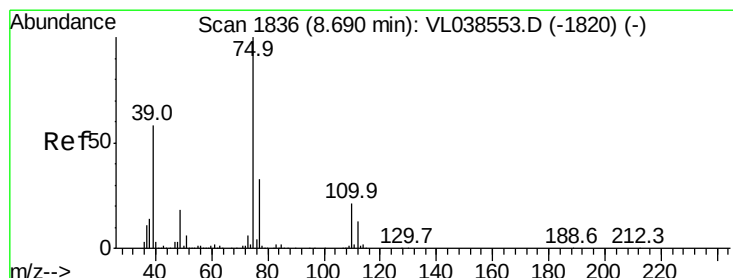
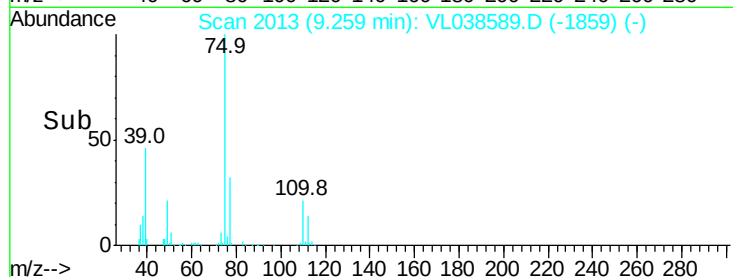
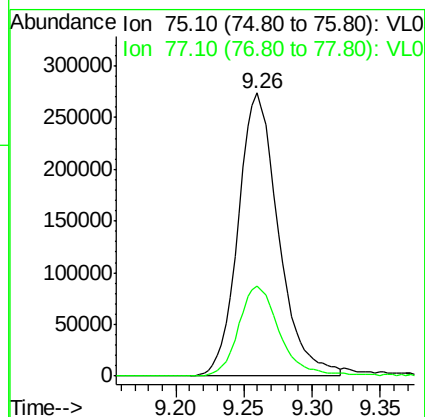
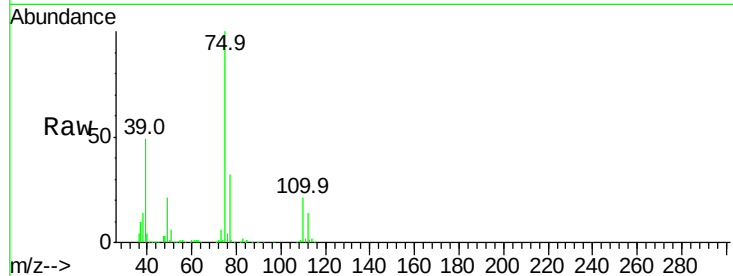
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#46

cis-1,3-Dichloropropene

Concen: 11.16 ppbv

RT: 8.68 min Scan# 1834

Delta R.T. -0.01 min

Lab File: VL038589.D

Acq: 10 Mar 2022 9:52

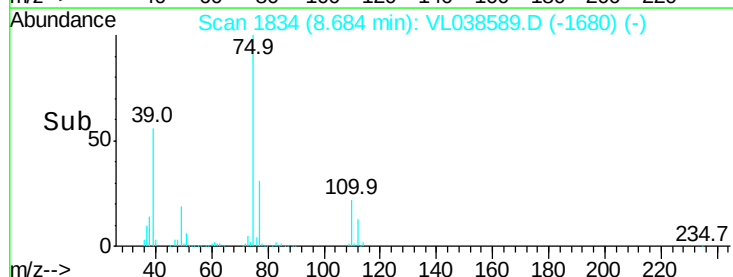
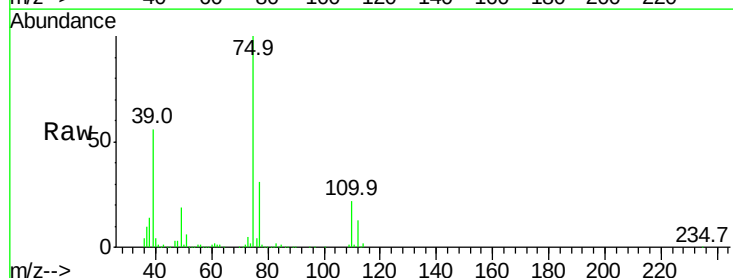
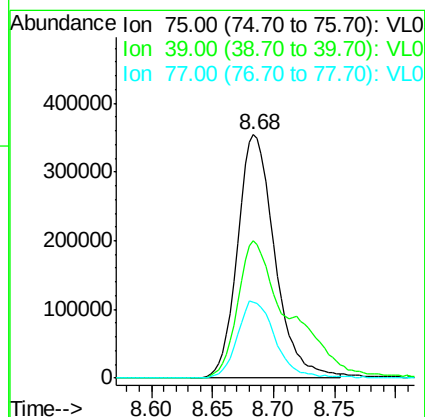
Tgt Ion: 75 Resp: 748793

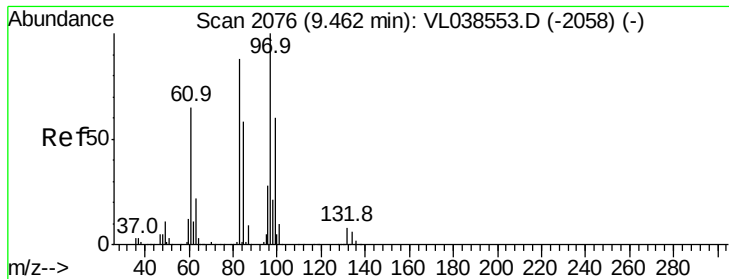
Ion Ratio Lower Upper

75 100

39 56.3 46.2 69.2

77 31.0 26.2 39.2



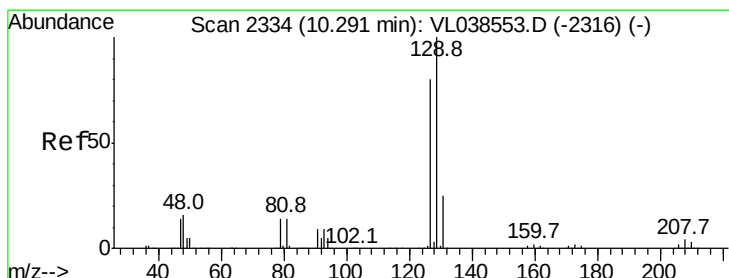
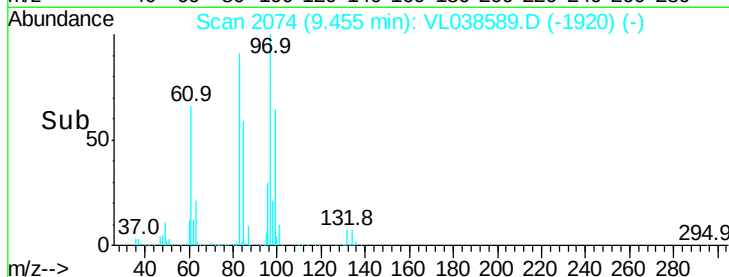
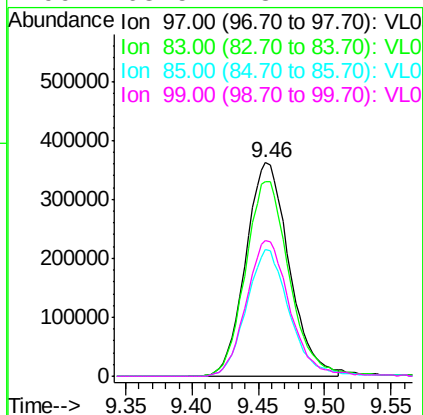
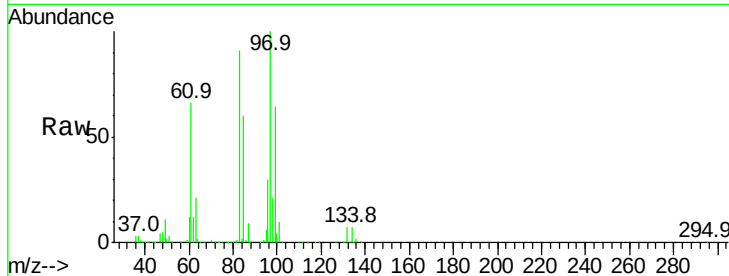


#47
 1,1,2-Trichloroethane
 Concen: 10.58 ppbv
 RT: 9.46
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 10 Mar 2022 9:52

Tgt Ion:
 Ion Ratio
 97 100
 83 90.
 85 59.
 99 63.5 48.1 72.1

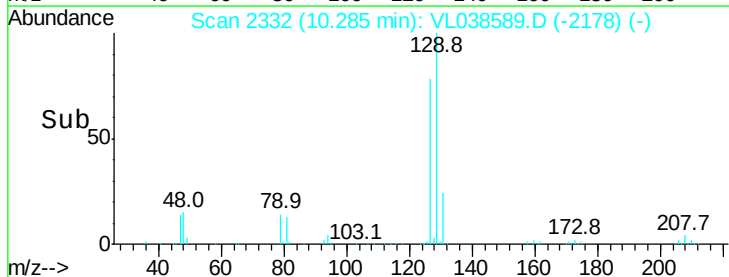
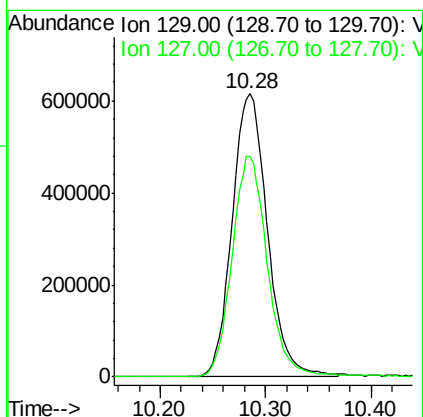
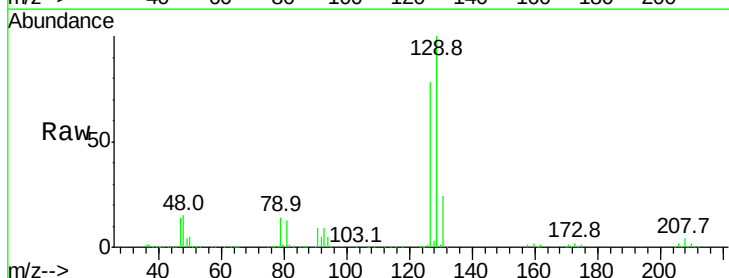
Manual Integrations
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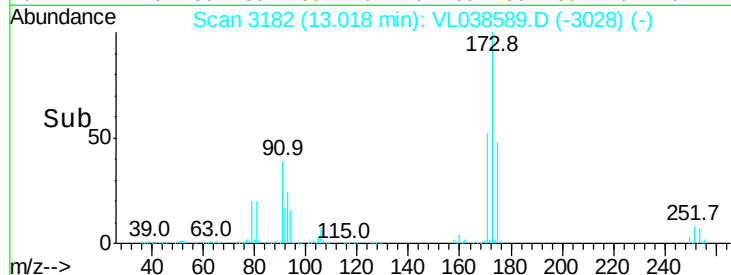
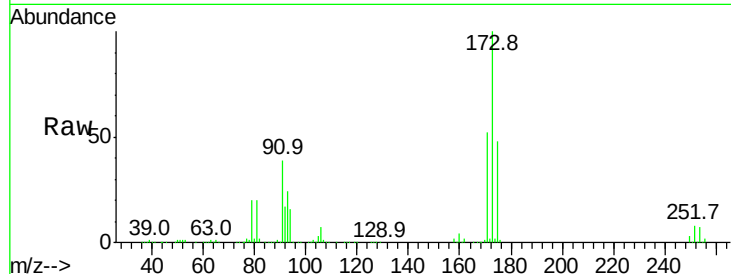
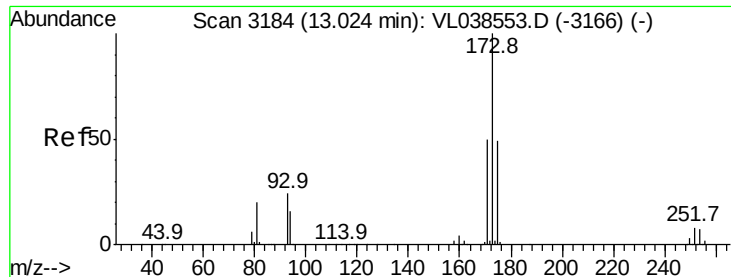
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#48
 Dibromochloromethane
 Concen: 11.59 ppbv
 RT: 10.28 min Scan# 2332
 Delta R.T. -0.01 min
 Lab File: VL038589.D
 Acq: 10 Mar 2022 9:52

Tgt Ion:129 Resp: 1430871
 Ion Ratio Lower Upper
 129 100
 127 78.8 39.5 118.3





#49

Bromoform

Concen: 12.91 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

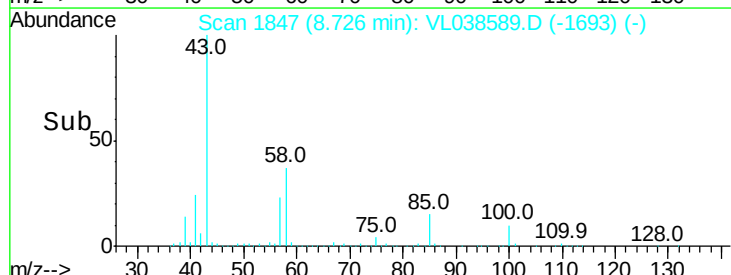
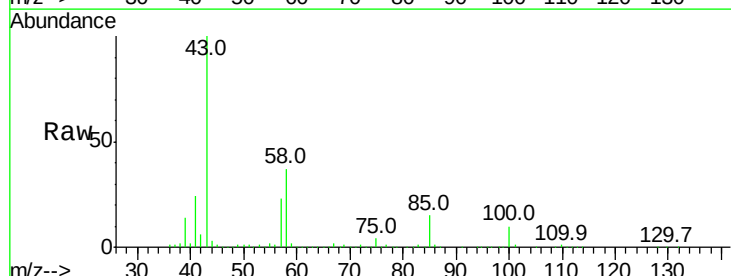
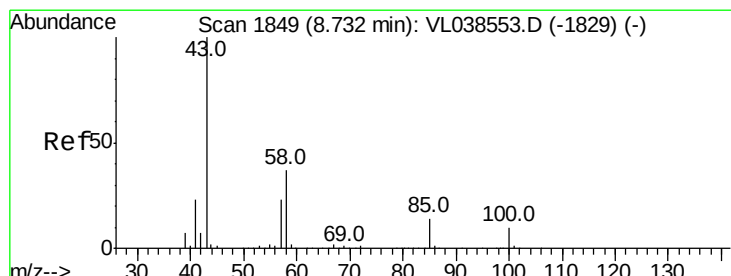
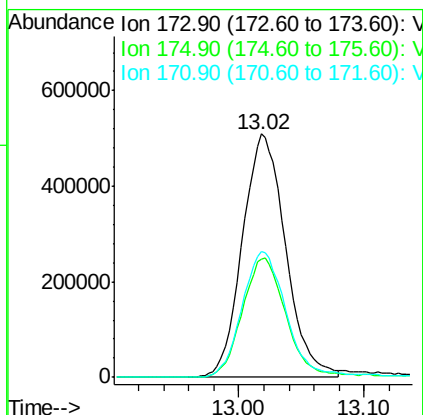
Acq: 10 Mar 2022 9:52

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Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022

Tgt Ion:1
Ion Rati
173 100
175 51.
171 54.



#50

4-Methyl-2-Pentanone

Concen: 11.58 ppbv

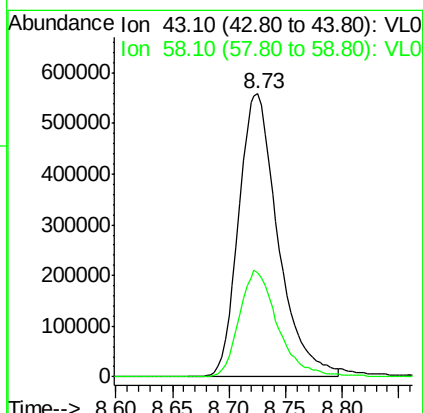
RT: 8.73 min Scan# 1847

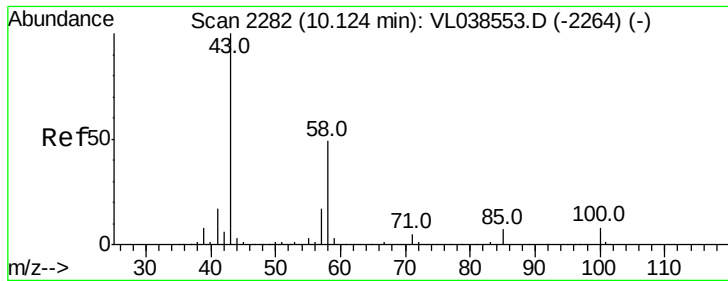
Delta R.T. -0.01 min

Lab File: VL038589.D

Acq: 10 Mar 2022 9:52

Tgt Ion: 43 Resp: 1351622
Ion Ratio Lower Upper
43 100
58 37.3 29.2 43.8



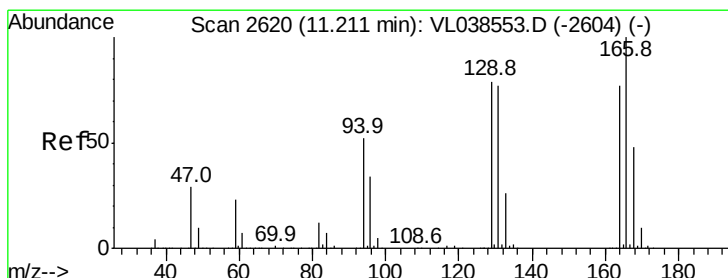
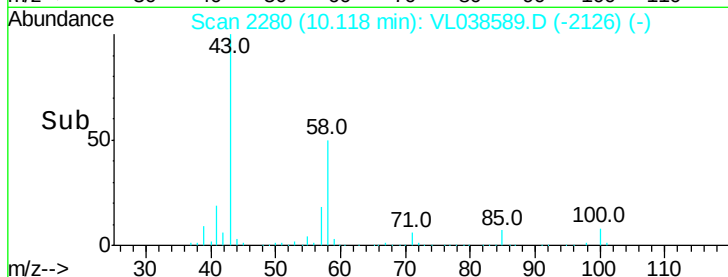
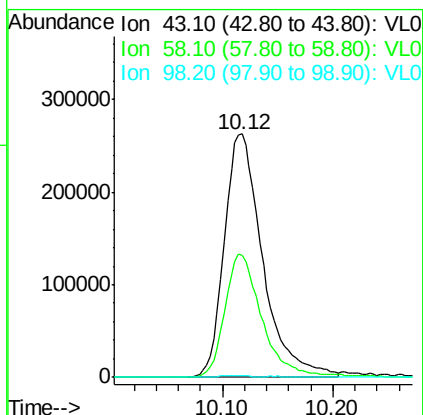
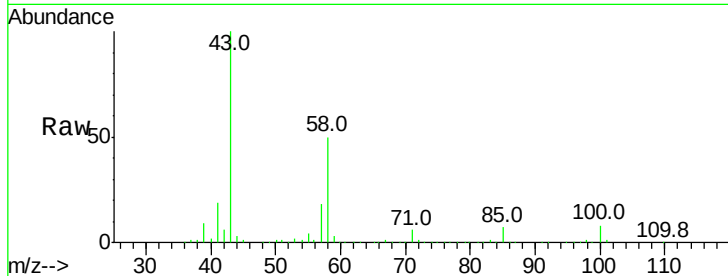


#51
2-Hexanone
Concen: 12.75 ppbv
RT: 10.12 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 10 Mar 2022 9:52

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

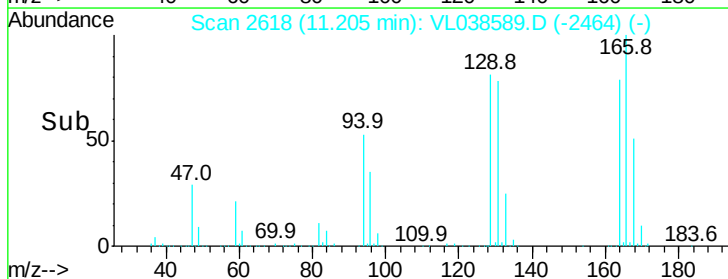
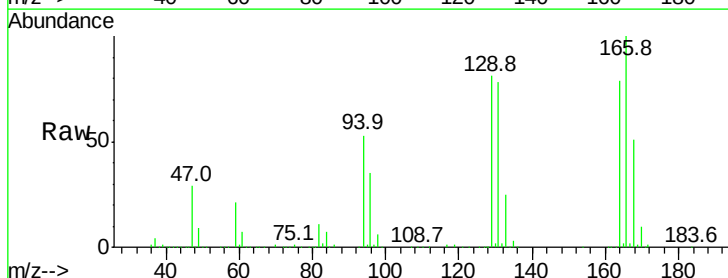
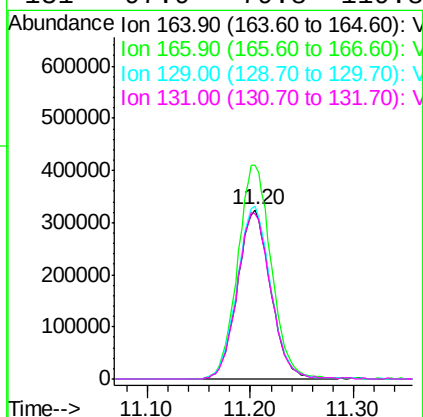
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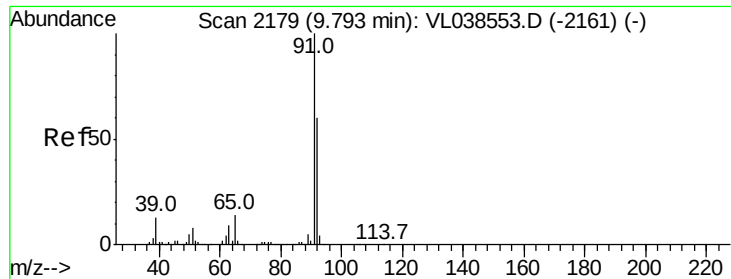
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#52
Tetrachloroethene
Concen: 10.00 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:164 Resp: 726760
Ion Ratio Lower Upper
164 100
166 126.2 103.4 155.2
129 102.0 81.3 121.9
131 97.9 79.8 119.8





#53

Toluene

Concen: 10.89 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Mar 2022 9:52

Tgt Ion:

Ion Ratio

91 100

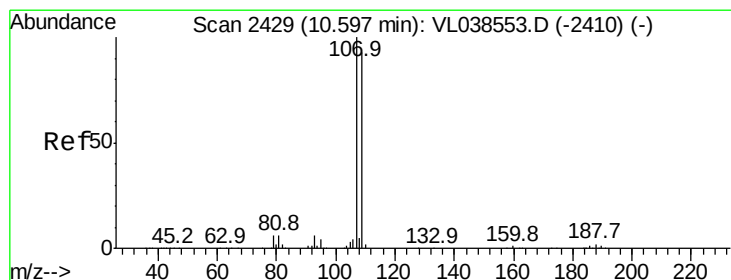
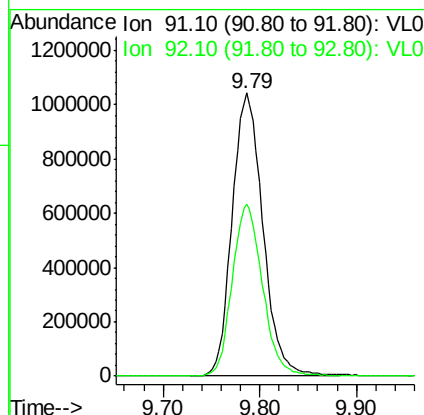
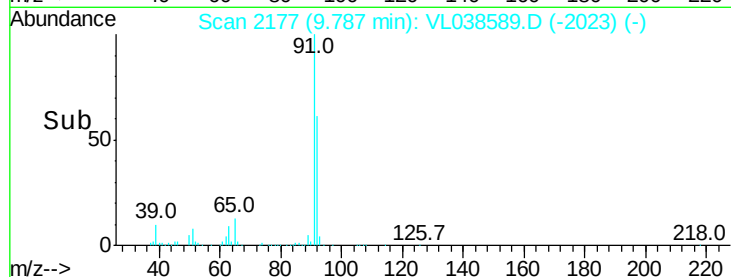
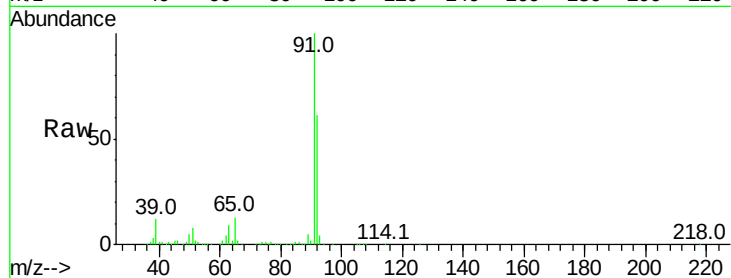
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#54

1,2-Dibromoethane

Concen: 10.92 ppbv

RT: 10.59 min Scan# 2427

Delta R.T. -0.01 min

Lab File: VL038589.D

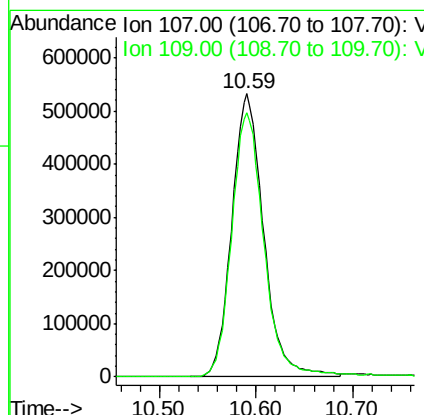
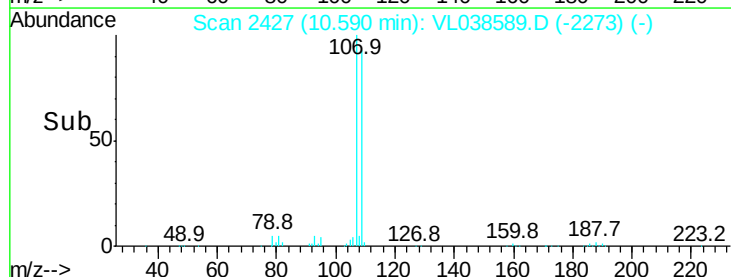
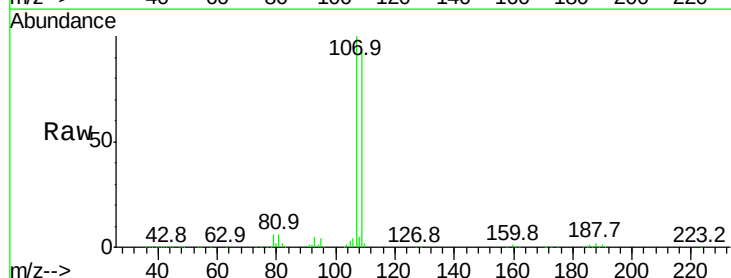
Acq: 10 Mar 2022 9:52

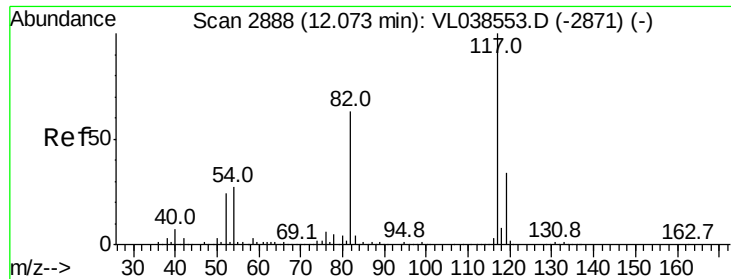
Tgt Ion:107 Resp: 1213117

Ion Ratio Lower Upper

107 100

109 93.4 74.6 112.0



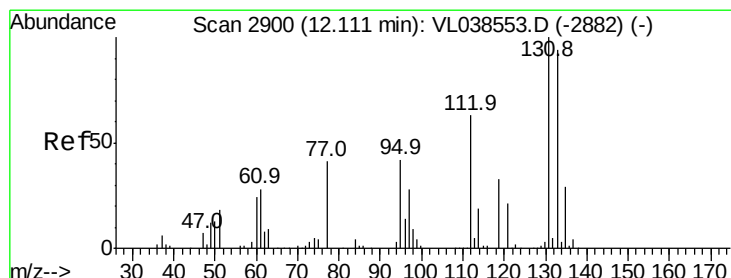
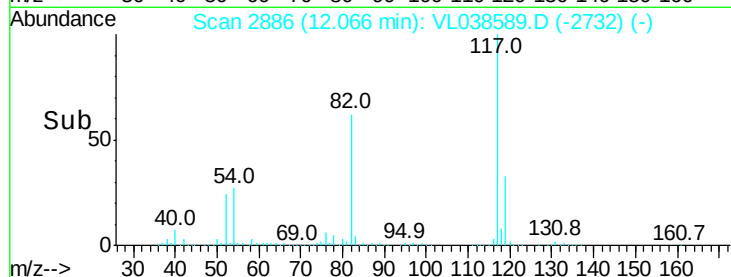
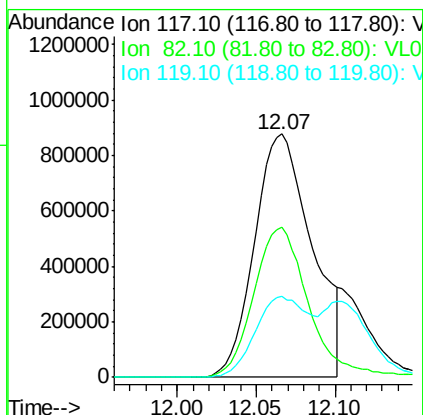
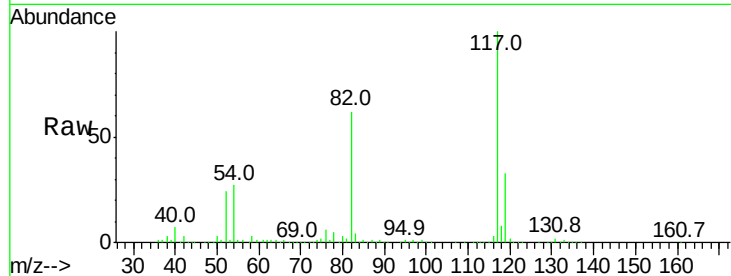


#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.07 min
Instrument: MSVOA_L
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 10 Mar 2022 9:52

Tgt Ion: 117.0
Ion Ratio: 100
117 100
82 60.0
119 31.0

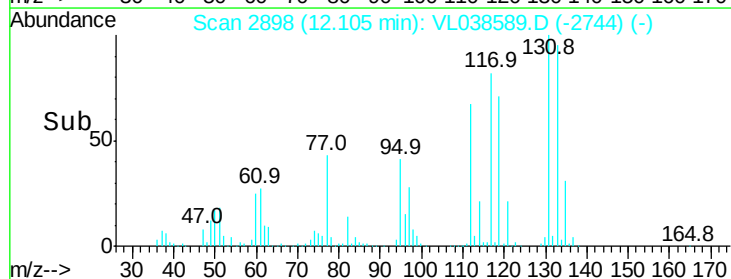
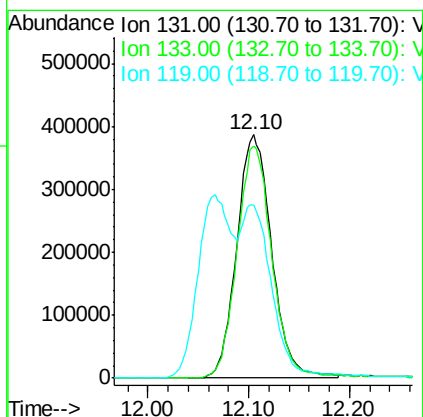
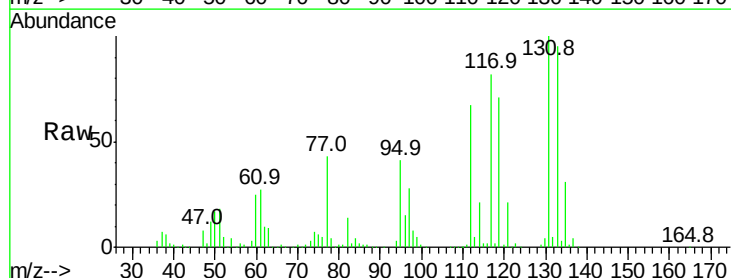
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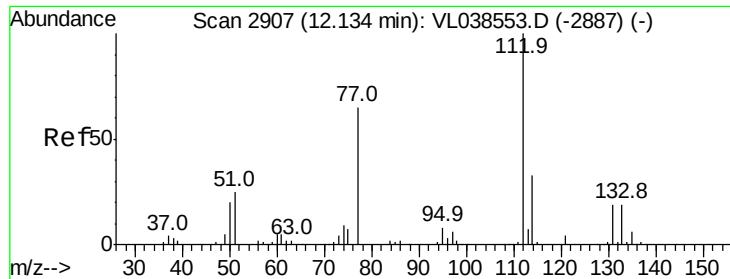
Reviewed By : Semsettin Yesilyurt 03/13/2022
Supervised By : Mahesh Dadoda 03/14/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.25 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 131 Resp: 925645
Ion Ratio Lower Upper
131 100
133 96.8 78.0 117.0
119 63.5 53.1 79.7



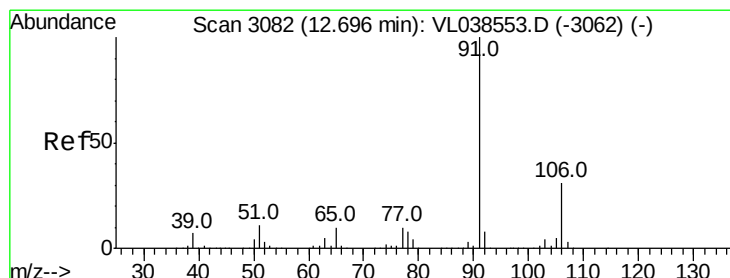
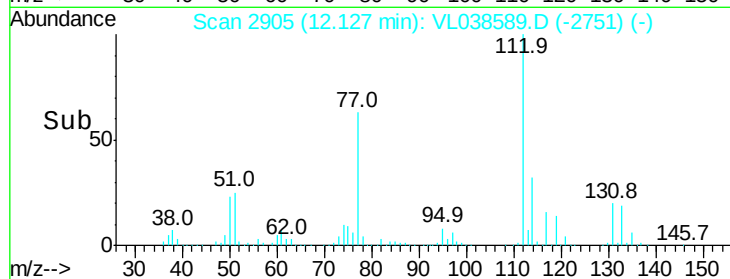
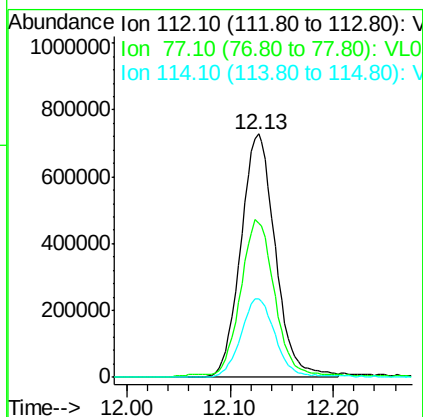
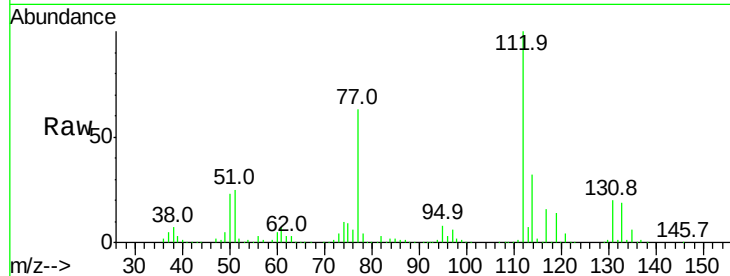


#57
Chlorobenzene
Concen: 10.04 ppbv
RT: 12.13 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 10 Mar 2022 9:52

Tgt Ion: 112
Ion Ratio: 100
77 62.1
114 32.1

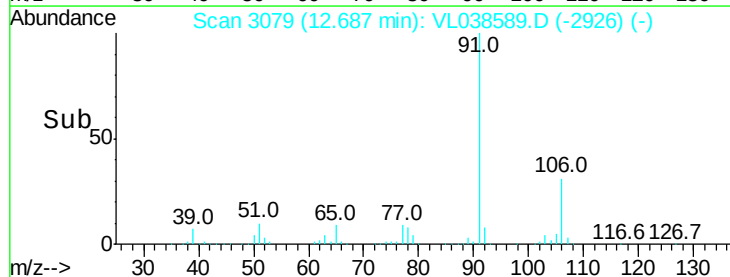
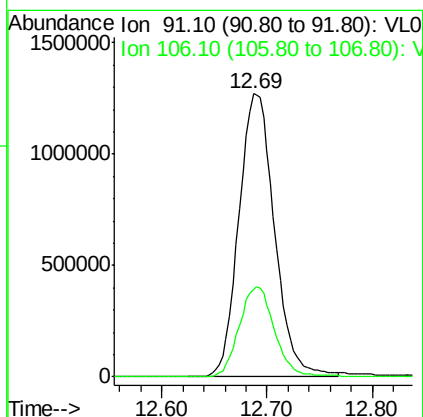
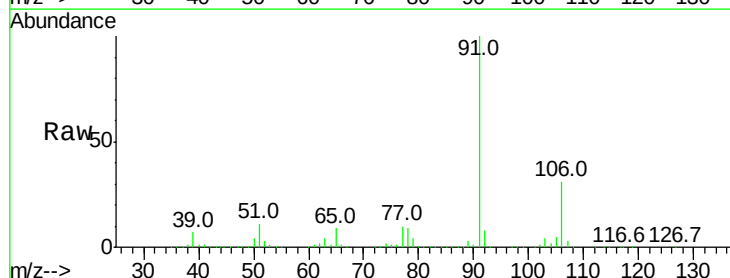
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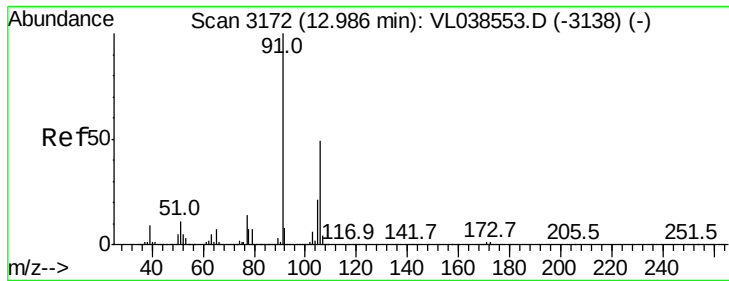
Reviewed By : Semsettin Yesilyurt 03/13/2022
Supervised By : Mahesh Dadoda 03/14/2022



#58
Ethyl Benzene
Concen: 10.43 ppbv
RT: 12.69 min Scan# 3079
Delta R.T.: -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 91 Resp: 2992433
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0



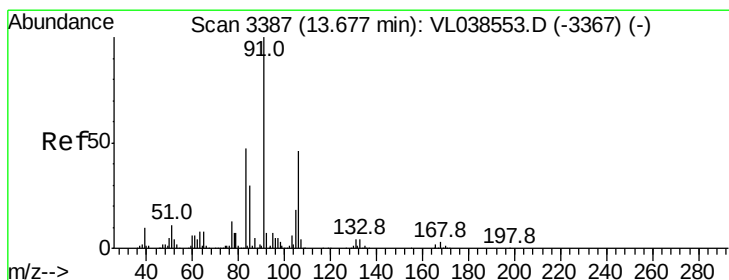
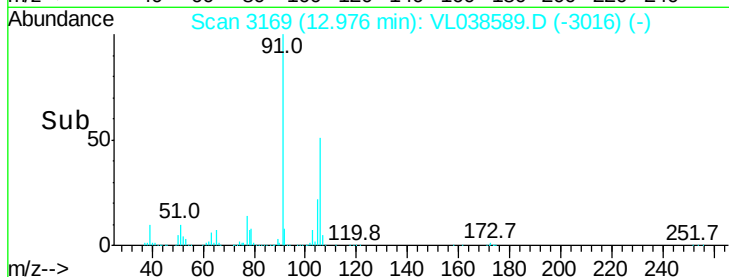
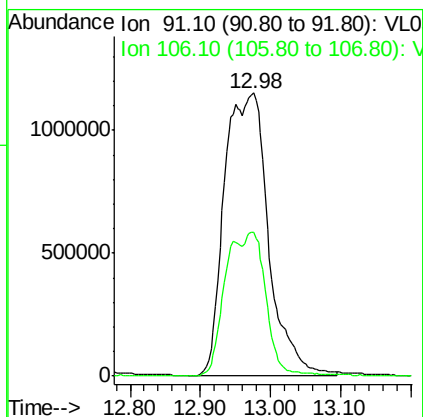
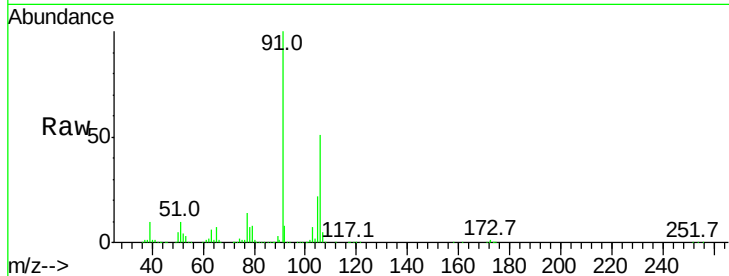


#59
m/p-Xylene
Concen: 20.50 ppbv m
RT: 12.98
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 10 Mar 2022 9:52

Tgt Ion:
Ion Ratio
91 100
106 47.

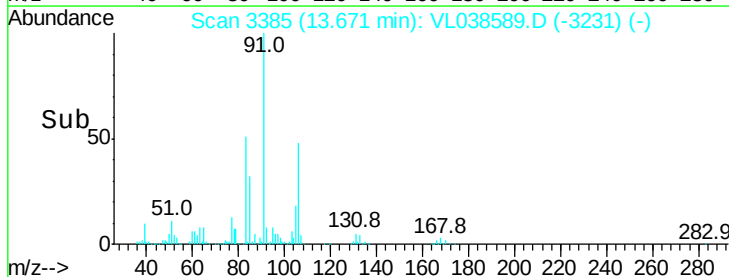
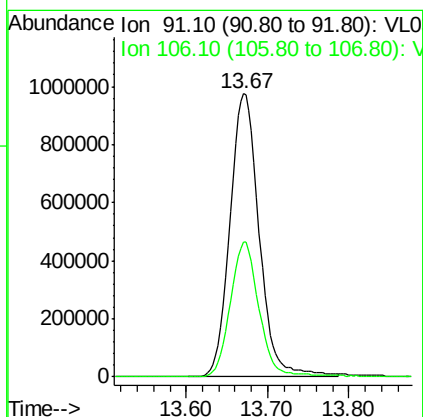
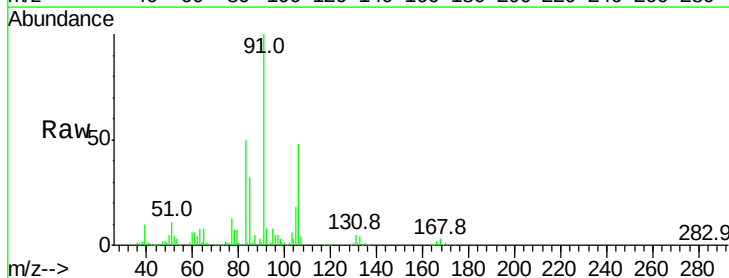
Manual Integrations
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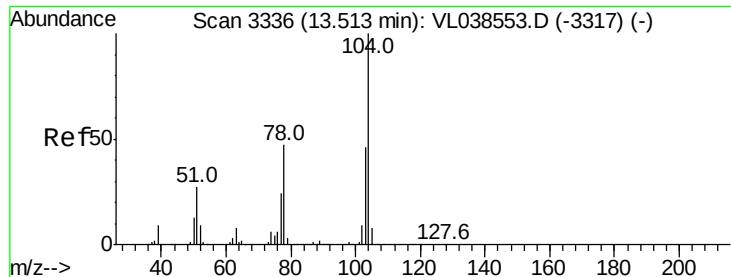
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#60
o-Xylene
Concen: 10.52 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.01 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion: 91 Resp: 2440570
Ion Ratio Lower Upper
91 100
106 47.3 23.5 70.6





#61

Styrene

Concen: 11.45 ppbv

RT: 13.51

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Mar 2022 9:52

Tgt Ion:1

Ion Rati

104 100

78 48.

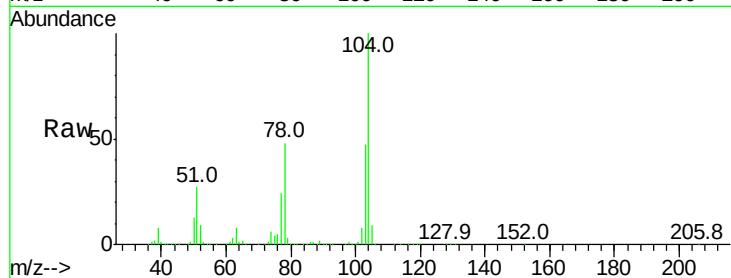
103 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

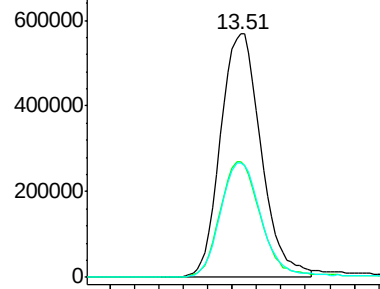
Supervised By :Mahesh Dadoda 03/14/2022



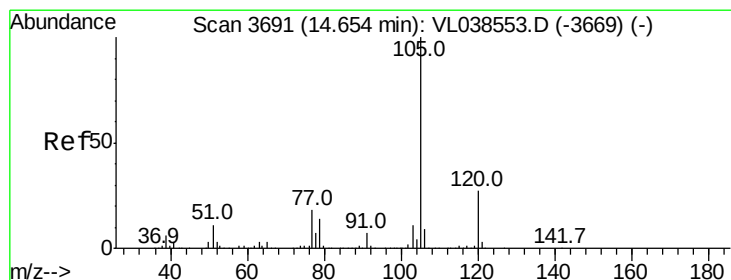
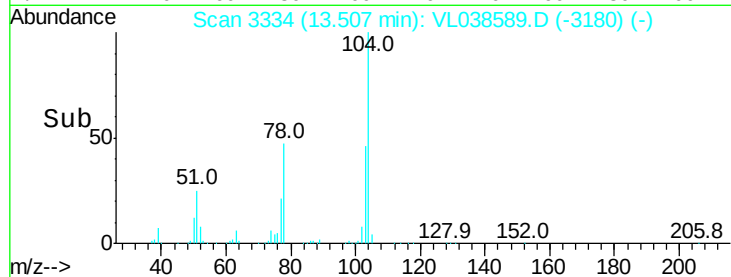
Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



Time-->



#62

Isopropylbenzene

Concen: 10.53 ppbv

RT: 14.64 min Scan# 3688

Delta R.T. -0.01 min

Lab File: VL038589.D

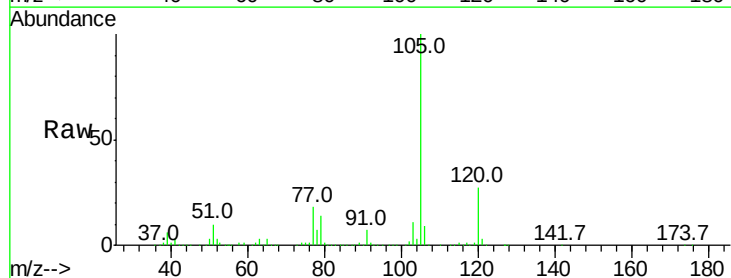
Acq: 10 Mar 2022 9:52

Tgt Ion:105 Resp: 3370538

Ion Ratio Lower Upper

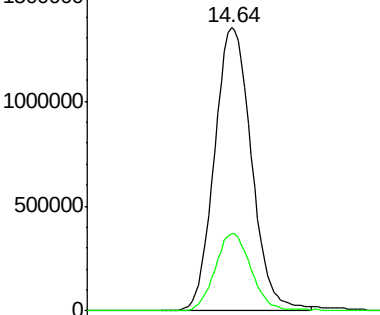
105 100

120 27.0 21.2 31.8

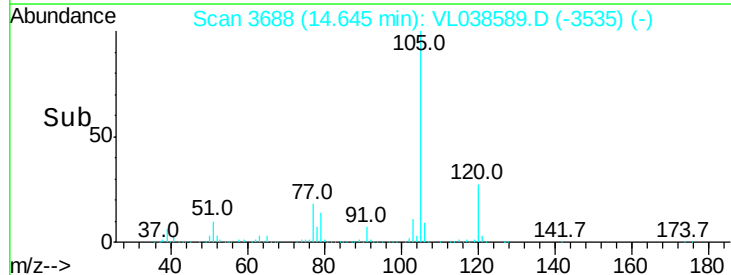


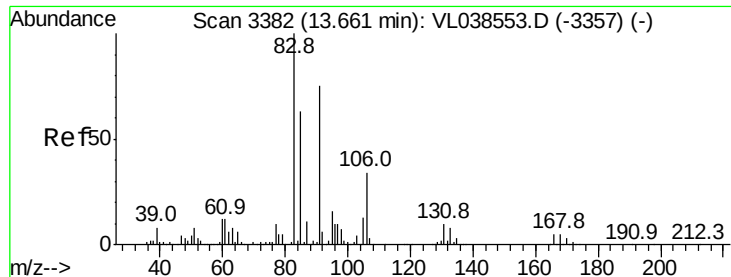
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



Time-->



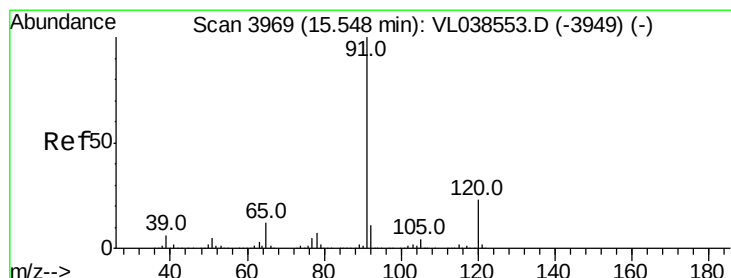
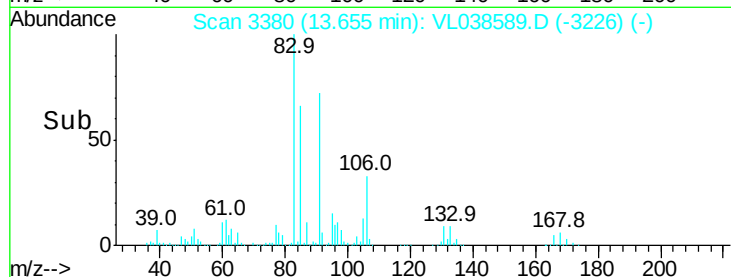
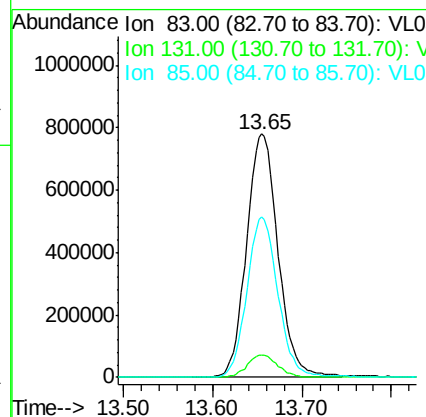
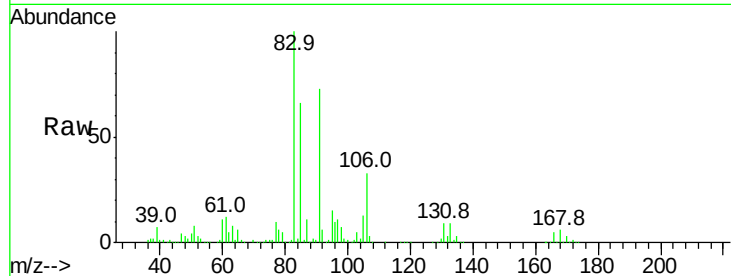


#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.76 ppbv
 RT: 13.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 10 Mar 2022 9:52

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

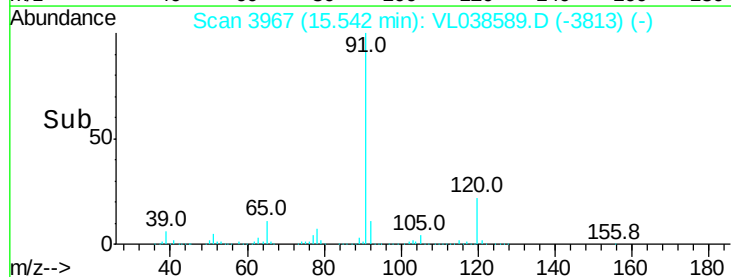
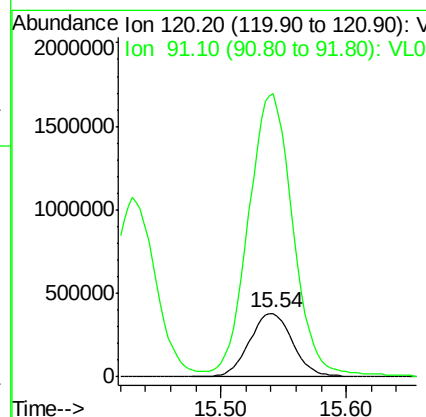
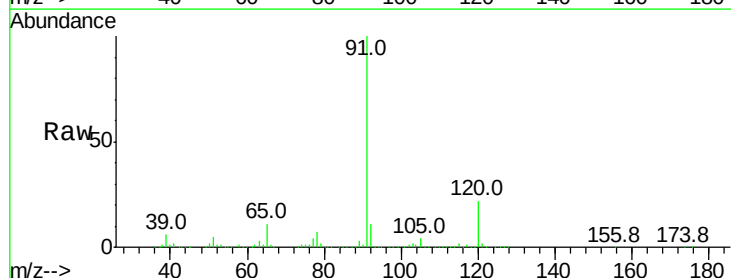
Manual Integrations
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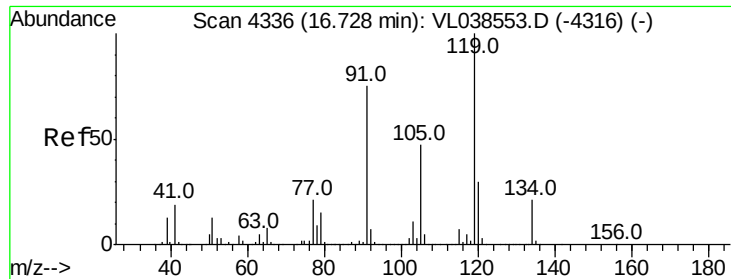
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#64
 n-propylbenzene
 Concen: 11.18 ppbv
 RT: 15.54 min Scan# 3967
 Delta R.T. -0.01 min
 Lab File: VL038589.D
 Acq: 10 Mar 2022 9:52

Tgt Ion:120 Resp: 912054
 Ion Ratio Lower Upper
 120 100
 91 462.1 374.2 561.2



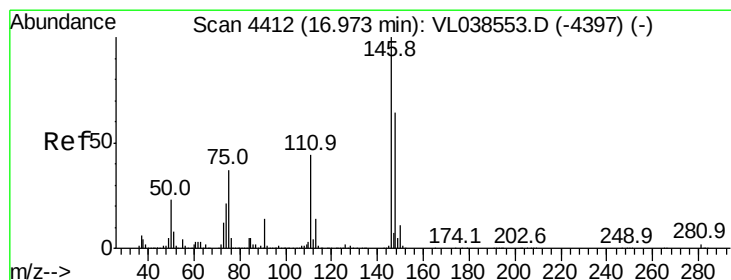
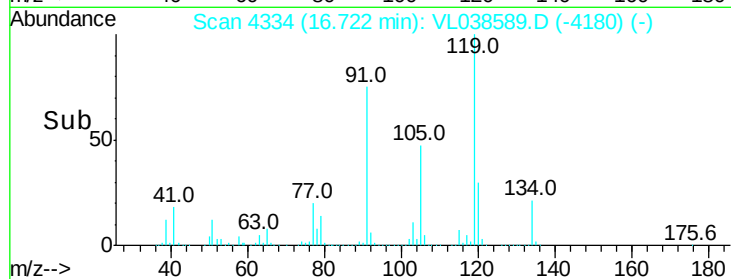
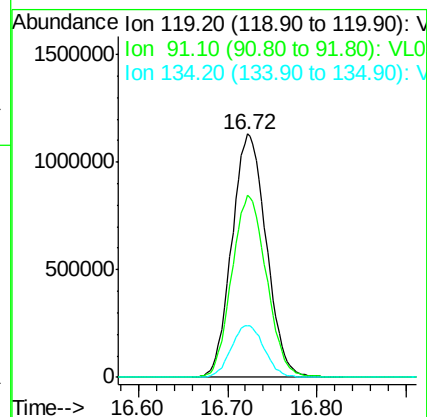
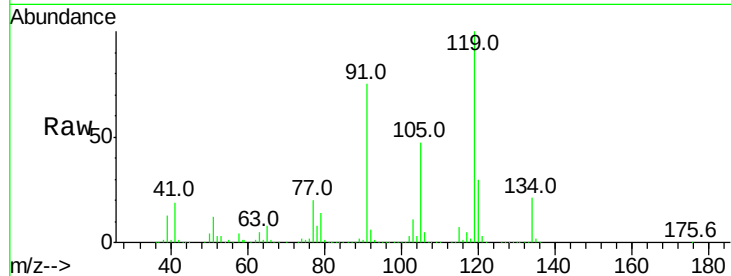


#65
 tert-Butylbenzene
 Concen: 10.51 ppbv
 RT: 16.72 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 10 Mar 2022 9:52

Tgt Ion: 1
 Ion Ratio
 119 100
 91 75.
 134 20.

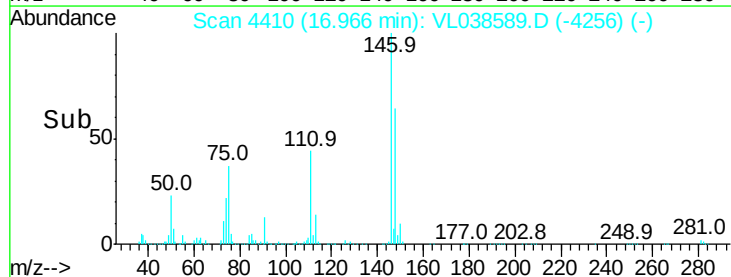
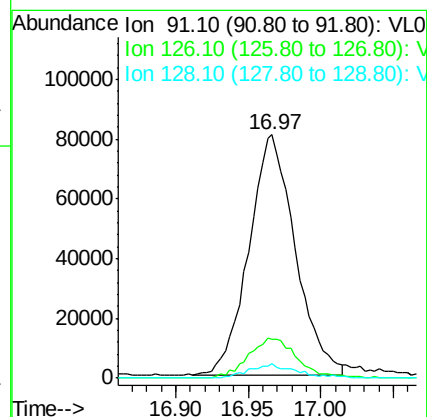
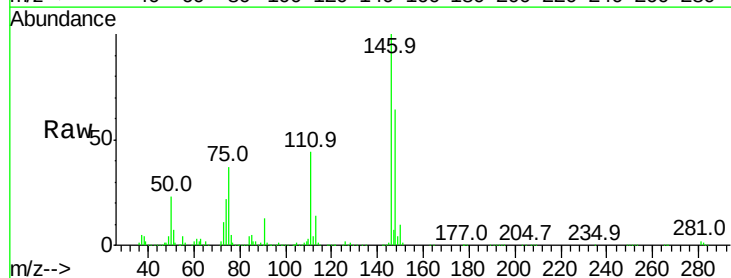
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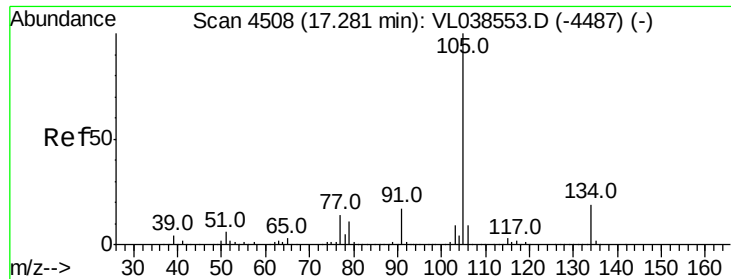
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#66
 Benzyl Chloride
 Concen: 10.53 ppbv
 RT: 16.97 min Scan# 4410
 Delta R.T.: -0.01 min
 Lab File: VL038589.D
 Acq: 10 Mar 2022 9:52

Tgt Ion: 91 Resp: 178541
 Ion Ratio Lower Upper
 91 100
 126 17.6 14.1 21.1
 128 6.1 5.1 7.7





#67

sec-Butylbenzene

Concen: 10.60 ppbv

RT: 17.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Mar 2022 9:52

Tgt Ion:1

Ion Ratio

105 100

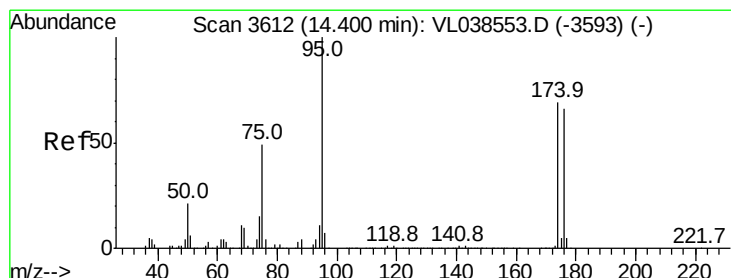
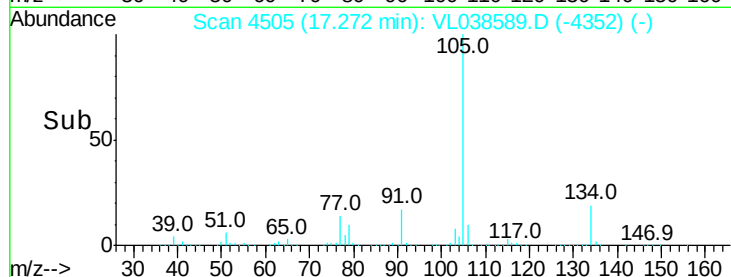
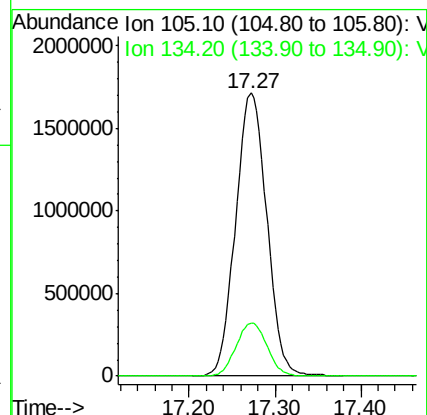
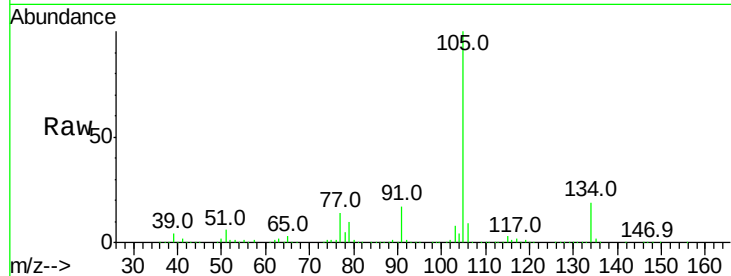
134 18.

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Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.92 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.01 min

Lab File: VL038589.D

Acq: 10 Mar 2022 9:52

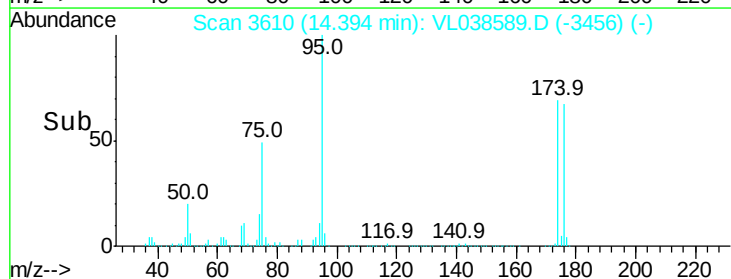
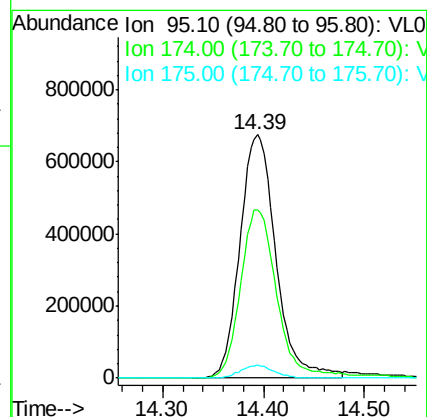
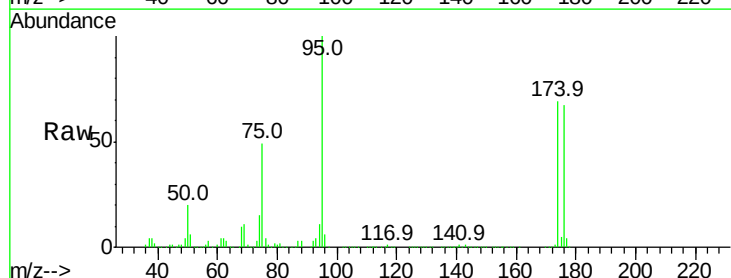
Tgt Ion: 95 Resp: 1671132

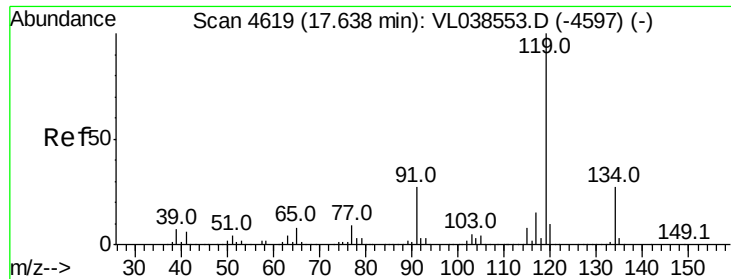
Ion Ratio Lower Upper

95 100

174 71.3 56.2 84.4

175 5.2 4.2 6.2



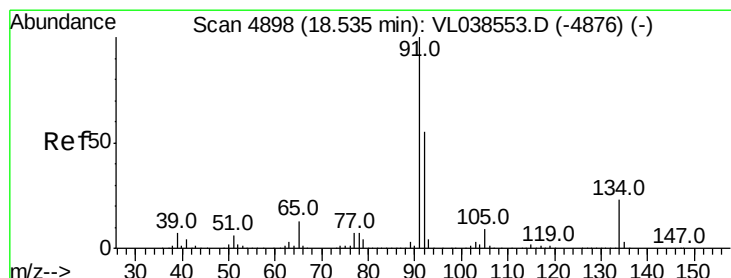
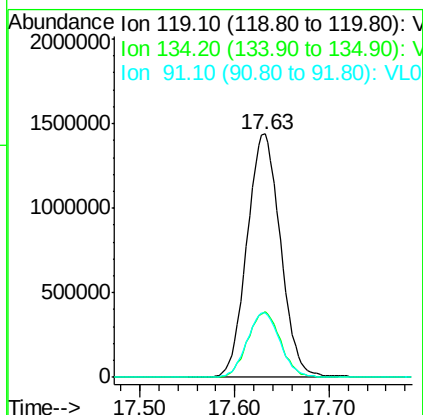
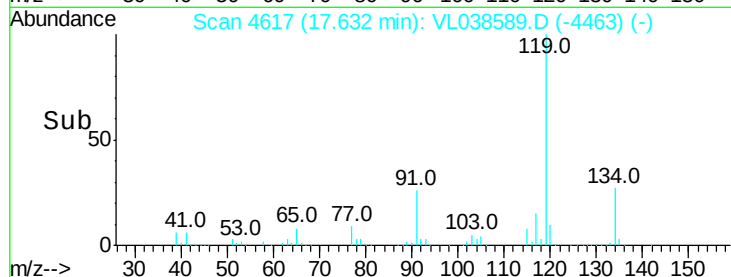
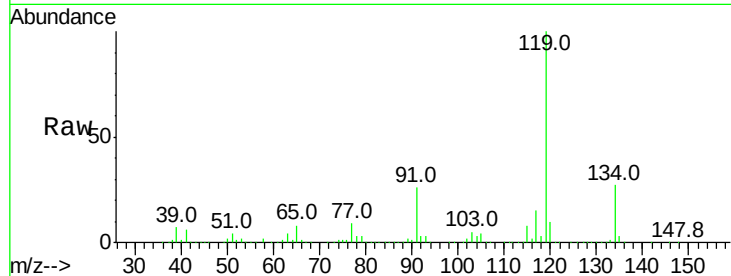


#69
 p-Isopropyltoluene
 Concen: 10.45 ppbv
 RT: 17.63 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 10 Mar 2022 9:52

Tgt Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 26.

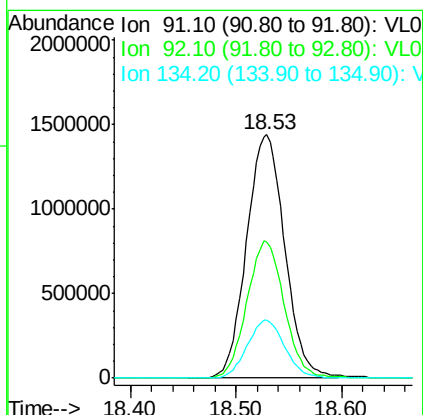
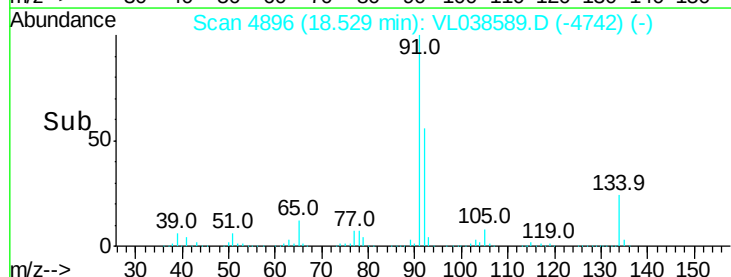
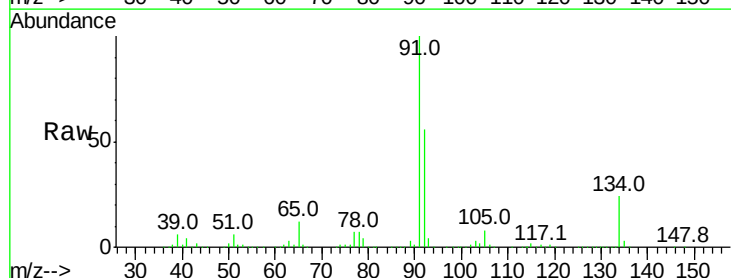
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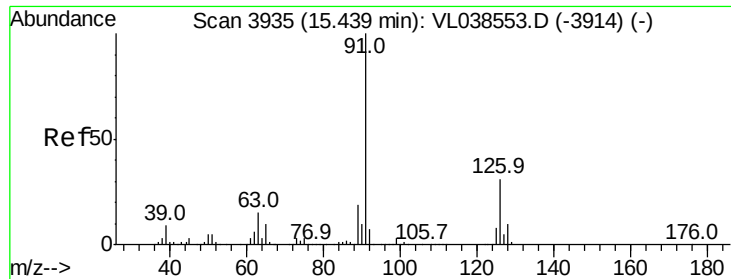
Reviewed By : Semsettin Yesilyurt 03/13/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#70
 n-Butylbenzene
 Concen: 10.08 ppbv
 RT: 18.53 min Scan# 4896
 Delta R.T.: -0.01 min
 Lab File: VL038589.D
 Acq: 10 Mar 2022 9:52

Tgt Ion: 91 Resp: 3617503
 Ion Ratio Lower Upper
 91 100
 92 55.3 43.8 65.8
 134 23.7 18.7 28.1



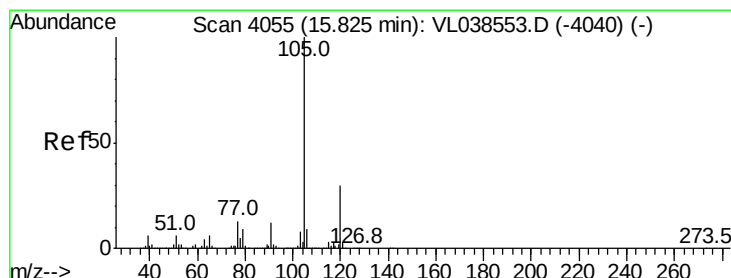
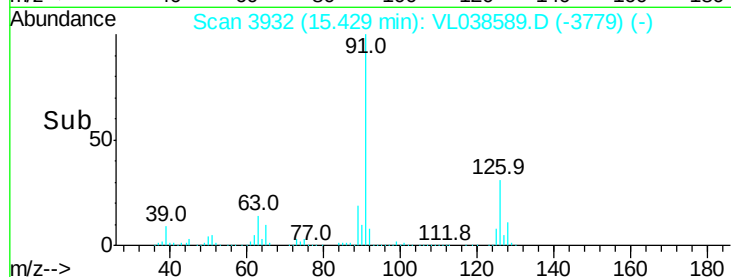
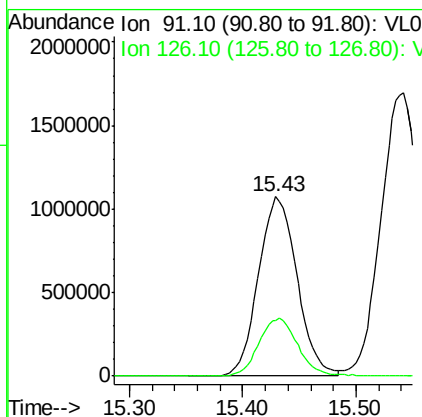
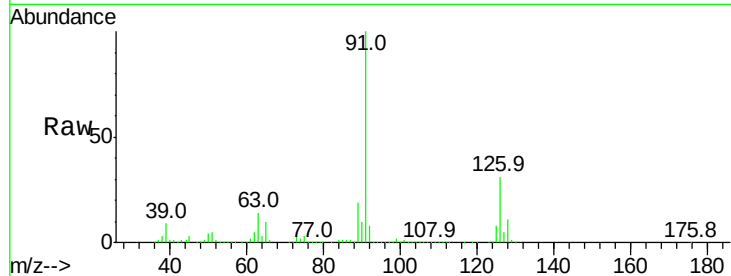


#71
 2-Chlorotoluene
 Concen: 10.68 ppbv
 RT: 15.43 min
 Delta R.T.: 0.01 min
 Lab File: VSTDCCC010EC
 Acq: 10 Mar 2022 9:52

Tgt Ion:
 Ion Ratio
 91 100
 126 33.

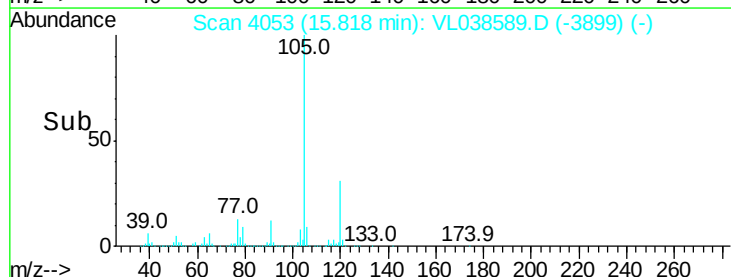
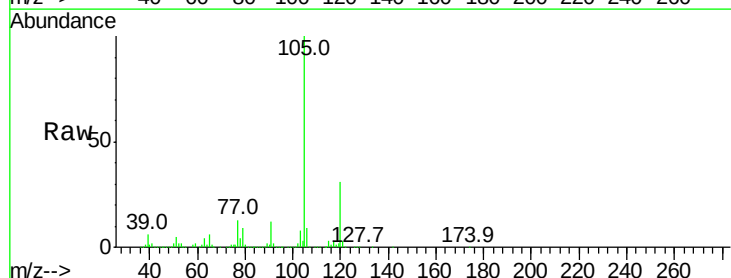
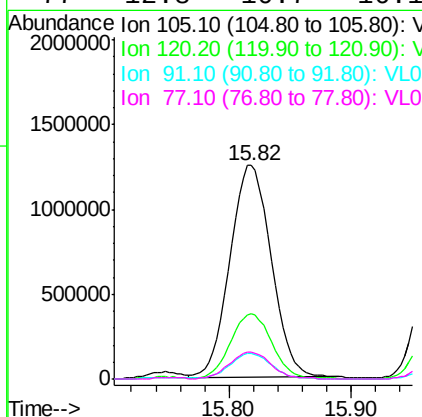
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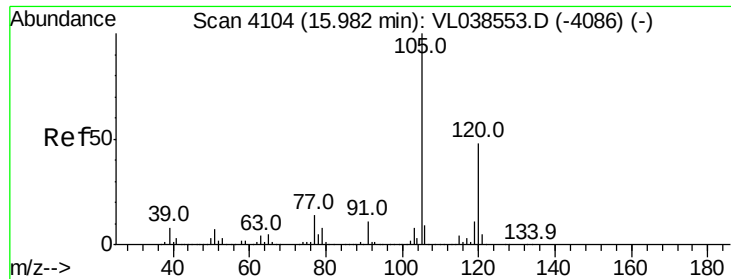
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#72
 4-Ethyltoluene
 Concen: 11.10 ppbv
 RT: 15.82 min Scan# 4053
 Delta R.T.: -0.01 min
 Lab File: VL038589.D
 Acq: 10 Mar 2022 9:52

Tgt Ion:105 Resp: 2958589
 Ion Ratio Lower Upper
 105 100
 120 30.9 25.0 37.4
 91 11.8 9.8 14.6
 77 12.8 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 10.69 ppbv

RT: 15.98 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId : VSTDCCC010EC

Acq: 10 Mar 2022 9:52

Tgt Ion:1

Ion Ratio

105 100

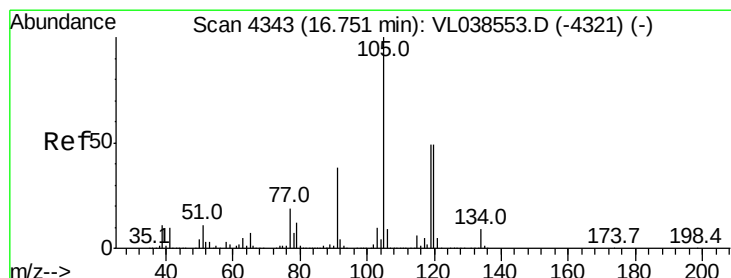
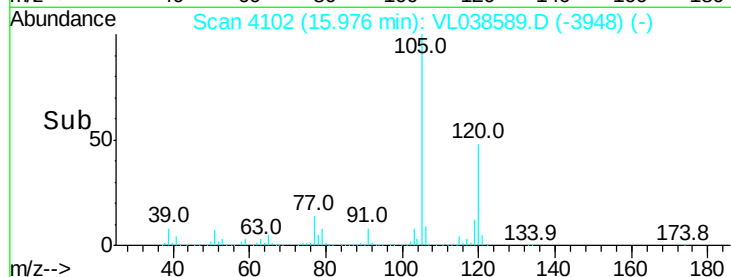
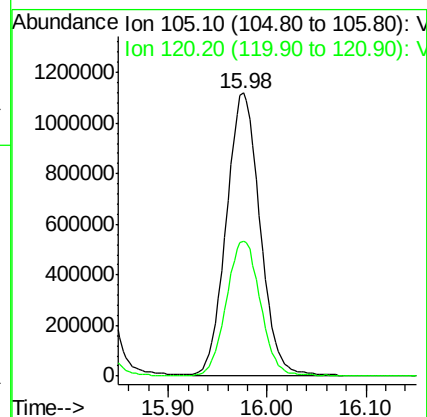
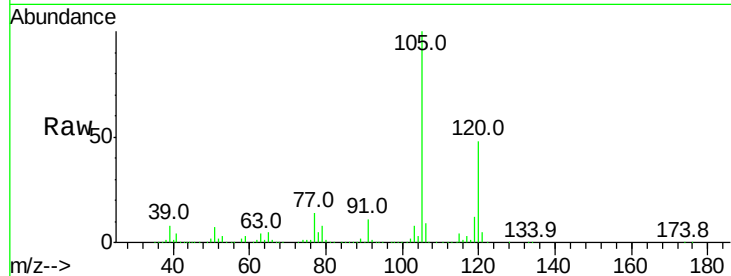
120 47.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.34 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.01 min

Lab File: VL038589.D

Acq: 10 Mar 2022 9:52

Tgt Ion:105 Resp: 2732127

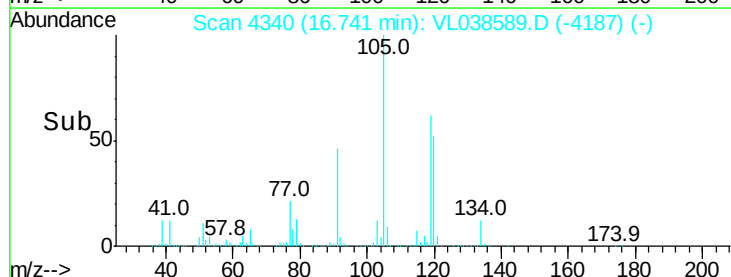
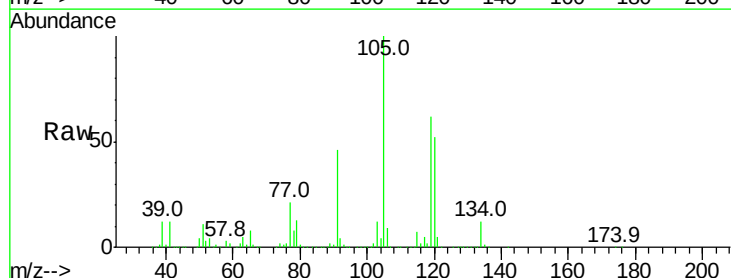
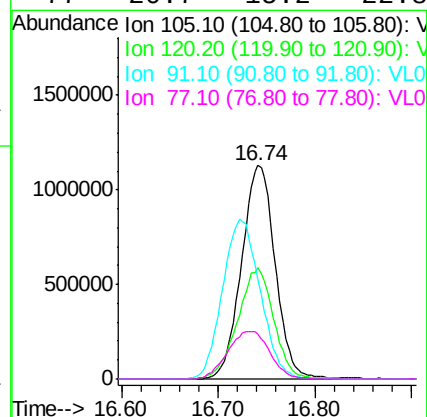
Ion Ratio Lower Upper

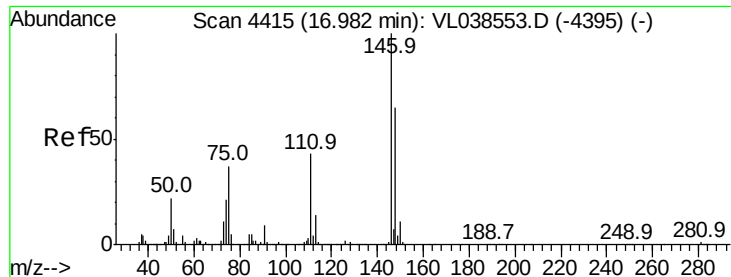
105 100

120 51.8 38.9 58.3

91 46.3 30.6 46.0#

77 20.7 15.2 22.8



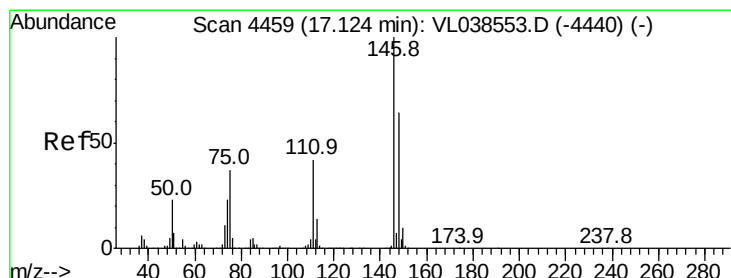
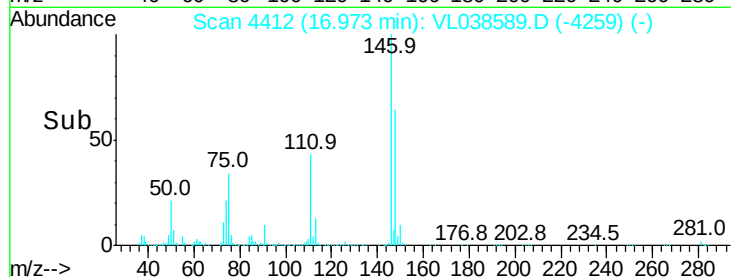
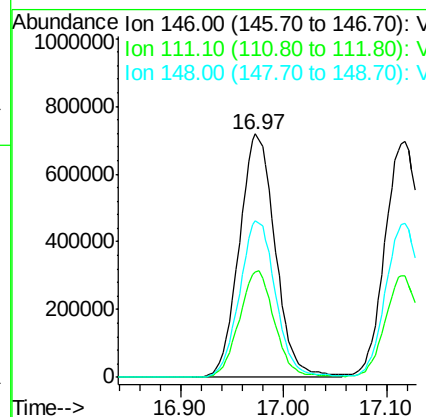
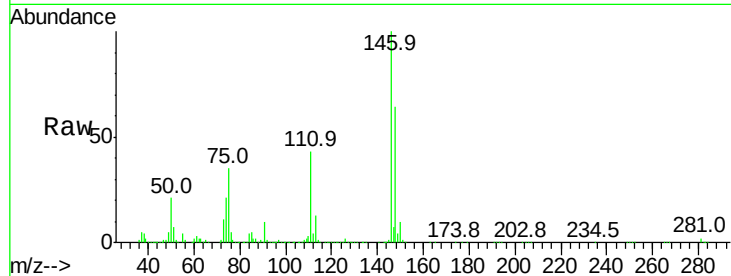


#75
 1,3-Dichlorobenzene
 Concen: 10.46 ppbv
 RT: 16.97
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 10 Mar 2022 9:52

Tgt Ion:1
 Ion Rati
 146 100
 111 43.
 148 64.

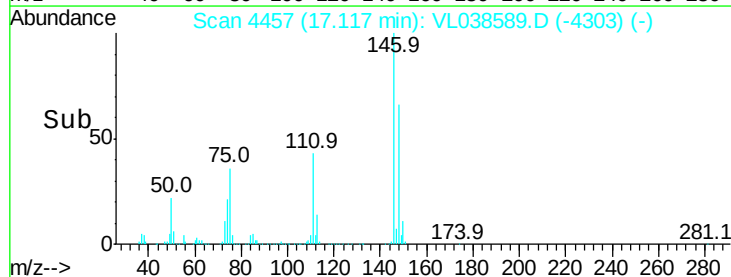
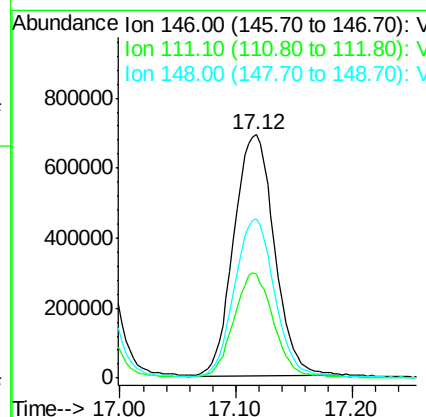
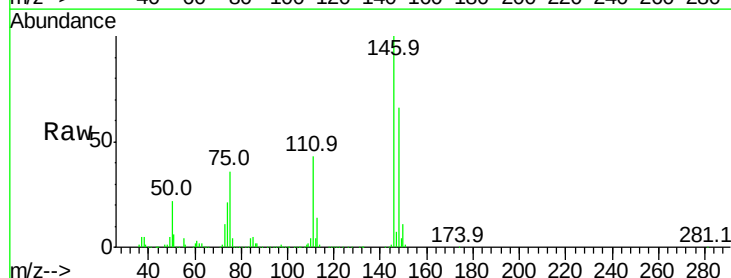
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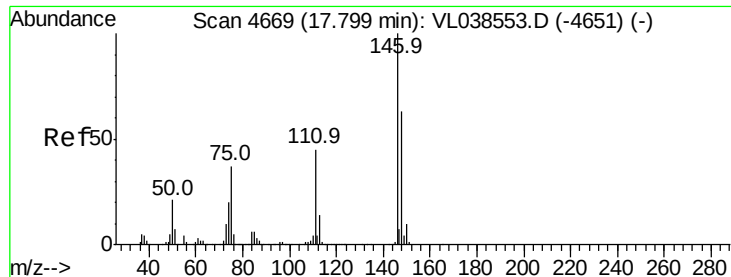
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#76
 1,4-Dichlorobenzene
 Concen: 10.17 ppbv
 RT: 17.12 min Scan# 4457
 Delta R.T. -0.01 min
 Lab File: VL038589.D
 Acq: 10 Mar 2022 9:52

Tgt Ion:146 Resp: 1679582
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.8 65.3
 148 66.4 32.8 98.4



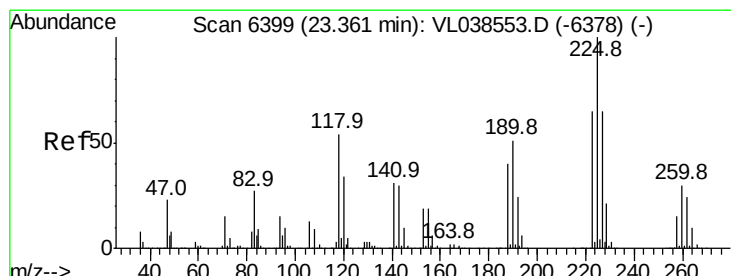
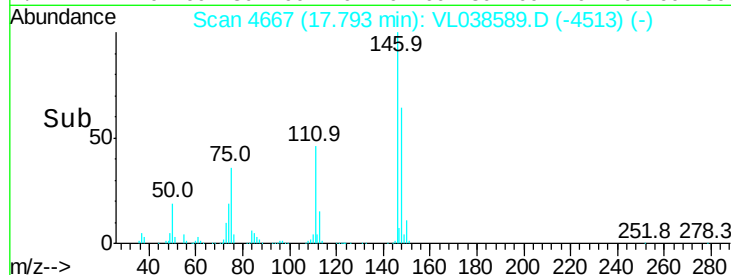
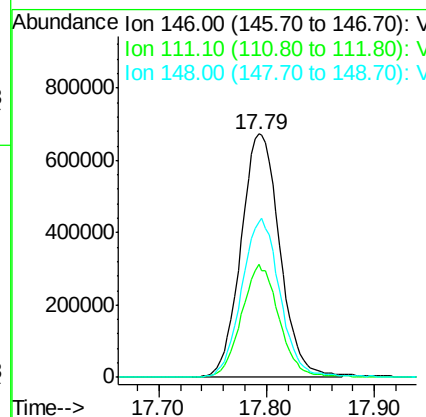
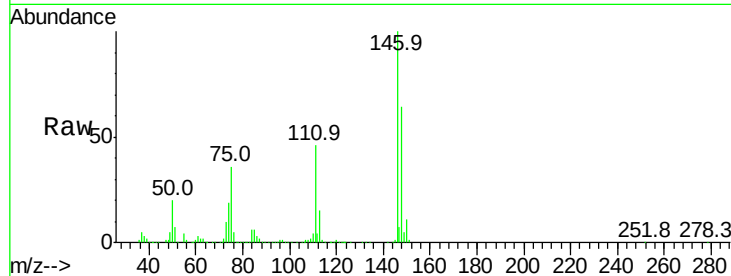


#77
 1,2-Dichlorobenzene
 Concen: 9.96 ppbv
 RT: 17.79 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 10 Mar 2022 9:52

Tgt Ion:1
 Ion Ratio
 146 100
 111 45.
 148 64.

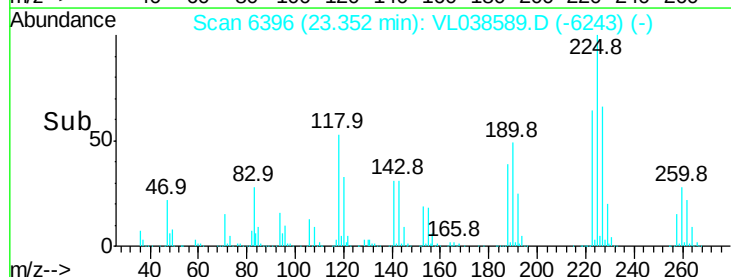
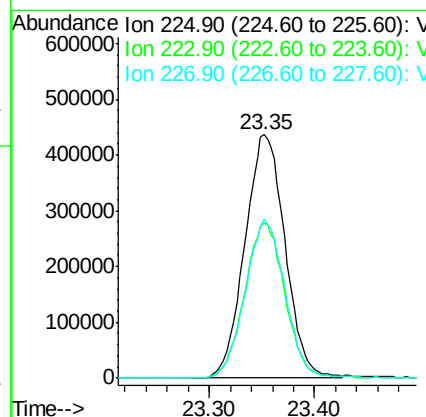
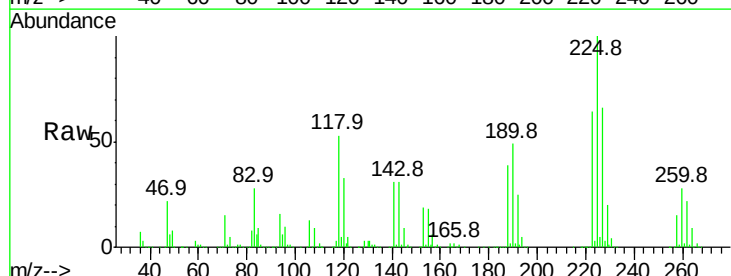
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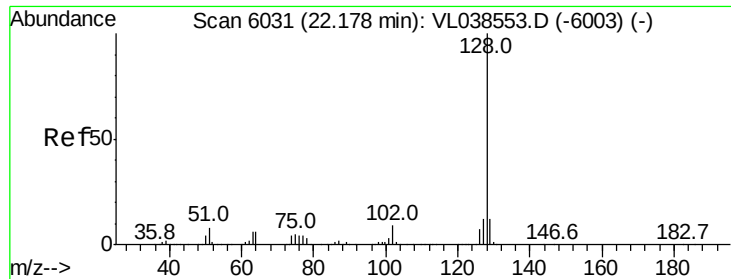
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.03 ppbv
 RT: 23.35 min Scan# 6396
 Delta R.T. -0.01 min
 Lab File: VL038589.D
 Acq: 10 Mar 2022 9:52

Tgt Ion:225 Resp: 1157162
 Ion Ratio Lower Upper
 225 100
 223 64.2 51.4 77.0
 227 64.8 51.9 77.9



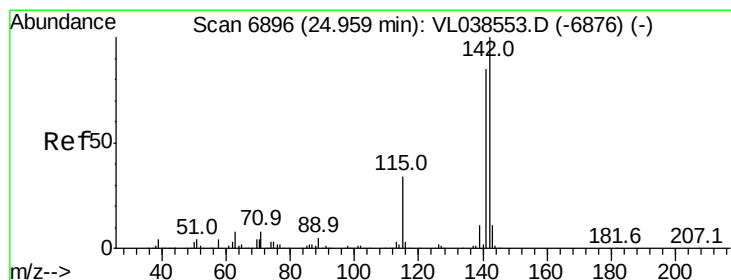
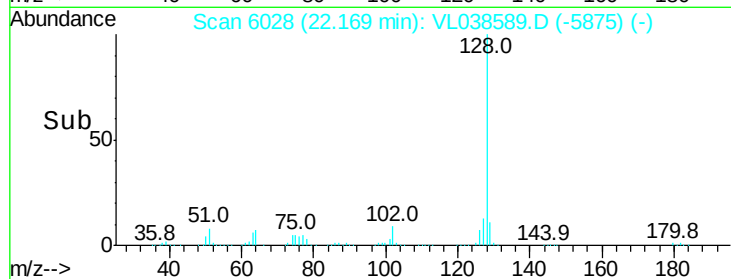
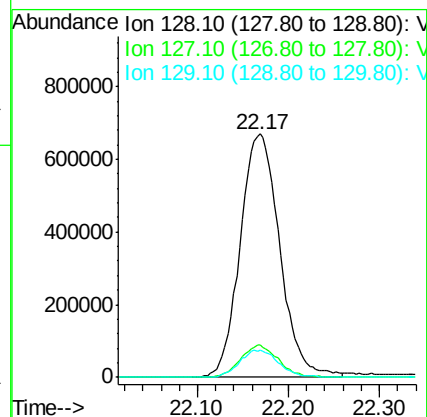
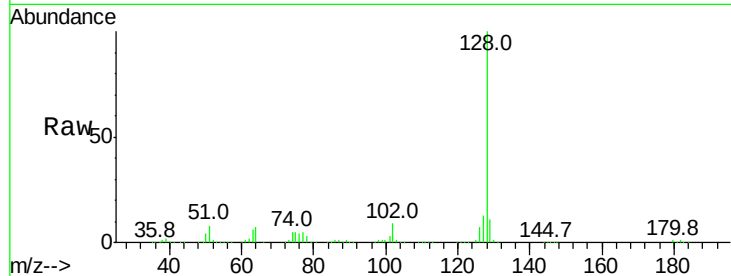


#79
Naphthalene
Concen: 8.53 ppbv
RT: 22.17 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 10 Mar 2022 9:52

Tgt Ion:1
Ion Ratio
128 100
127 13.
129 11.

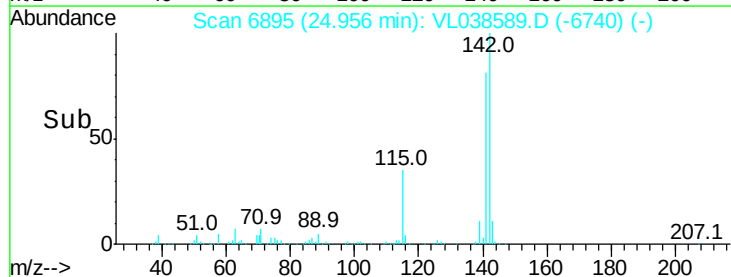
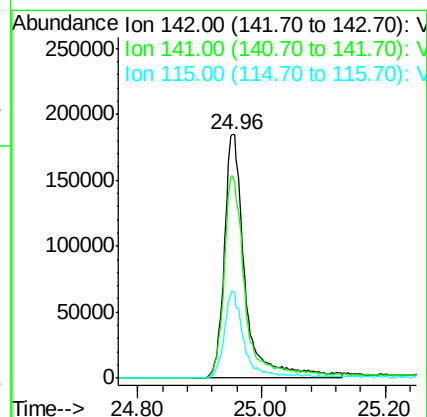
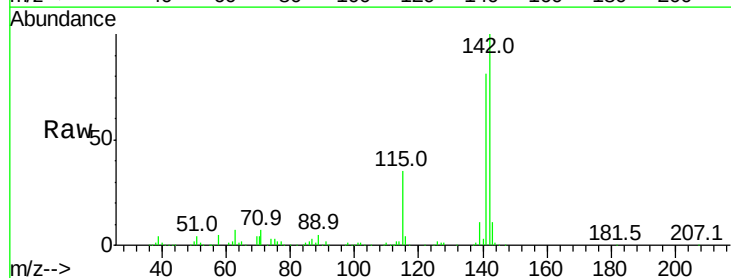
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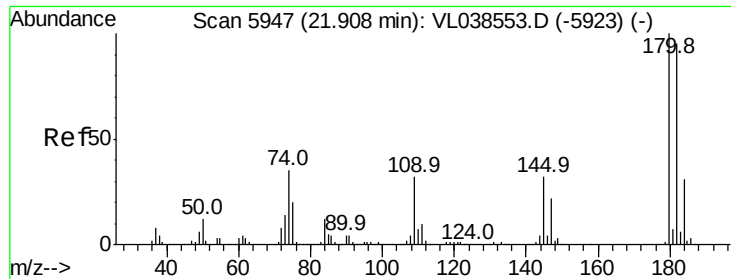
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#80
Naphthalene, 2-methyl-
Concen: 10.34 ppbv
RT: 24.96 min Scan# 6895
Delta R.T. -0.00 min
Lab File: VL038589.D
Acq: 10 Mar 2022 9:52

Tgt Ion:142 Resp: 433793
Ion Ratio Lower Upper
142 100
141 85.8 68.4 102.6
115 35.4 27.9 41.9





#81
 1,2,4-Trichlorobenzene
 Concen: 7.89 ppbv
 RT: 21.90
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 10 Mar 2022 9:52

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

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022

