

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038715.D
 Acq On : 23 Mar 2022 14:04
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/24/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 24 05:16:43 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A

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

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	790189	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2145412	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1970045m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1442361	9.55	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.50%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	966343	9.10	ppbv	99
3) Chlorodifluoromethane	2.98	51	848659	10.17	ppbv	100
4) Chloromethane	3.13	50	458998	10.02	ppbv	99
5) Vinyl Chloride	3.25	62	463967	9.97	ppbv	99
6) Bromomethane	3.47	94	264507	10.66	ppbv	100
7) Chloroethane	3.55	64	161117	10.45	ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	1117723	10.54	ppbv	99
9) Propene	3.01	41	404116	10.03	ppbv	100
10) Heptane	8.11	43	985745	10.23	ppbv	99
11) Trichlorofluoromethane	3.94	101	1022162	10.90	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	785233	10.88	ppbv	98
13) Ethanol	3.60	45	37744m	8.49	ppbv	
14) Bromoethene	3.73	108	356118	11.10	ppbv	97
15) Acetone	3.84	43	693901	10.18	ppbv	99
16) 1,3-Butadiene	3.32	39	414324	10.71	ppbv	100
17) tert-Butyl alcohol	4.27	59	732824	12.31	ppbv	100
18) 1,1-Dichloroethene	4.28	96	353287	10.90	ppbv	96
19) Isopropyl Alcohol	3.95	45	417179	11.04	ppbv #	98
20) Methylene Chloride	4.33	84	294616	10.26	ppbv	98
21) Allyl Chloride	4.40	41	550214	11.21	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	390163	11.60	ppbv	98
23) Vinyl Acetate	5.06	43	798455	12.09	ppbv	100
24) 1,1-Dichloroethane	5.00	63	718186	11.05	ppbv	99
25) Ethyl Acetate	5.66	43	1765083	10.28	ppbv	100
26) Hexane	5.67	57	779947	10.15	ppbv	99
27) Carbon Disulfide	4.54	76	922113	12.23	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	677821	11.84	ppbv	98
29) Chloroform	5.74	83	1260938	10.25	ppbv	97
30) Cyclohexane	7.11	84	676791	10.13	ppbv	98
31) cis-1,2-Dichloroethene	5.53	61	779221	10.78	ppbv	98
32) 1,1,1-Trichloroethane	6.49	97	1252824	10.55	ppbv	99
34) 2-Butanone	5.23	43	817588	9.63	ppbv	98
35) Carbon Tetrachloride	7.00	117	1318028	10.59	ppbv	98
36) Benzene	6.87	78	1653460	9.99	ppbv	99
37) 1,2-Dichloroethane	6.29	62	871938	10.35	ppbv	99
38) Trichloroethene	7.82	130	718716	10.36	ppbv	98
39) 1,2-Dichloropropane	7.60	63	634771	9.81	ppbv	98
40) 1,4-Dioxane	7.81	88	227213	10.11	ppbv	97
41) Tetrahydrofuran	6.03	42	635025	10.05	ppbv	98
42) Bromodichloromethane	7.77	83	1366542	10.82	ppbv	100
43) Methyl Methacrylate	8.00	69	662314	10.77	ppbv	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A

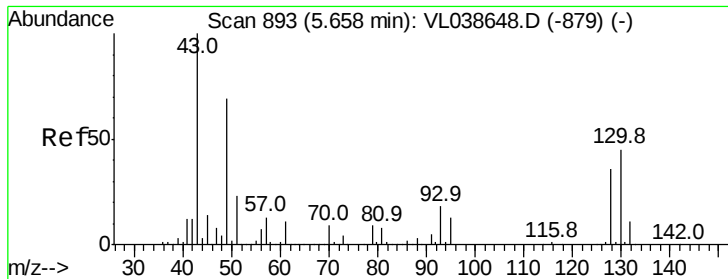
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	2705711	9.73	ppbv	100
45) t-1,3-Dichloropropene	9.26	75	773362	12.37	ppbv	99
46) cis-1,3-Dichloropropene	8.68	75	958320	11.34	ppbv	100
47) 1,1,2-Trichloroethane	9.46	97	670433	9.70	ppbv	98
48) Dibromochloromethane	10.28	129	1184473	10.94	ppbv	99
49) Bromoform	13.02	173	936395	10.61	ppbv	100
50) 4-Methyl-2-Pentanone	8.72	43	1603343	10.16	ppbv	99
51) 2-Hexanone	10.11	43	1232822	10.87	ppbv	98
52) Tetrachloroethene	11.20	164	599010	9.89	ppbv	97
53) Toluene	9.79	91	1874577	10.54	ppbv	100
54) 1,2-Dibromoethane	10.59	107	988846	10.48	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.10	131	807684	9.89	ppbv	98
57) Chlorobenzene	12.13	112	1363415	9.60	ppbv	99
58) Ethyl Benzene	12.69	91	2410737	10.47	ppbv	99
59) m/p-Xylene	12.98	91	4074725m	20.23	ppbv	
60) o-Xylene	13.67	91	1922838	10.05	ppbv	99
61) Styrene	13.51	104	1165863	11.24	ppbv	99
62) Isopropylbenzene	14.64	105	2865409	9.96	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.65	83	1264323	8.53	ppbv	100
64) n-propylbenzene	15.54	120	766376	10.16	ppbv	100
65) tert-Butylbenzene	16.72	119	2513106	9.73	ppbv	98
66) Benzyl Chloride	16.97	91	604104	12.35	ppbv	99
67) sec-Butylbenzene	17.27	105	3609899	9.77	ppbv	99
69) p-Isopropyltoluene	17.63	119	2998587	9.94	ppbv	100
70) n-Butylbenzene	18.53	91	3134637	10.08	ppbv	100
71) 2-Chlorotoluene	15.43	91	2088490	9.78	ppbv	99
72) 4-Ethyltoluene	15.82	105	2362099	10.46	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	2078459	10.10	ppbv	99
74) 1,2,4-Trimethylbenzene	16.74	105	2207922	9.85	ppbv	97
75) 1,3-Dichlorobenzene	16.97	146	1355786	9.50	ppbv	99
76) 1,4-Dichlorobenzene	17.11	146	1322824	9.32	ppbv	98
77) 1,2-Dichlorobenzene	17.79	146	1333148	9.43	ppbv	99
78) Hexachloro-1,3-Butadiene	23.35	225	1202880	9.20	ppbv	100
79) Naphthalene	22.17	128	2217844	12.95	ppbv	99
80) Naphthalene,2-methyl-	24.95	142	486002	10.58	ppbv	99
81) 1,2,4-Trichlorobenzene	21.90	180	1268361	10.82	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: 23 Mar 2022 14:04 VSTDCCC010

Tgt Ion:

Ion Ratio

49 100

128 54.

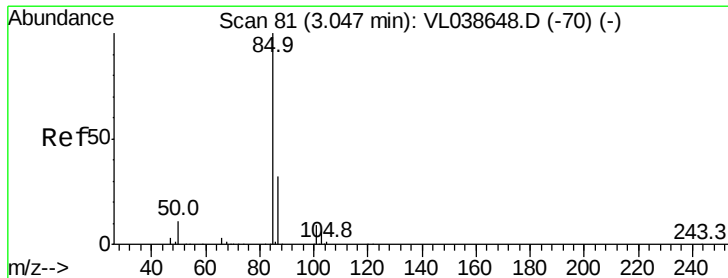
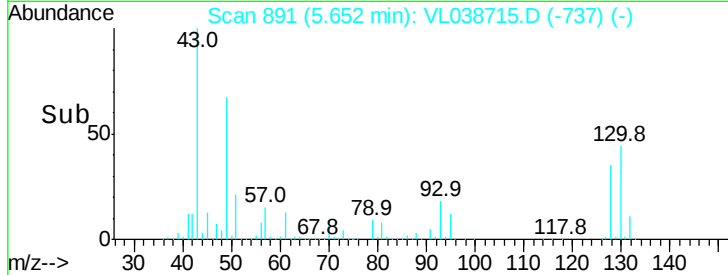
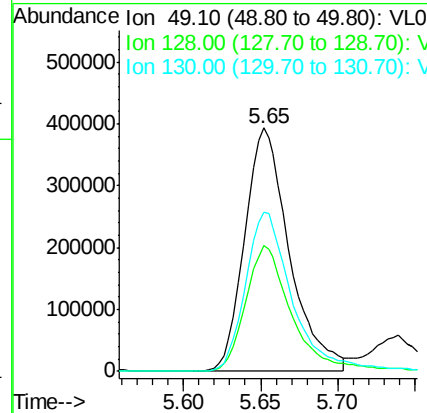
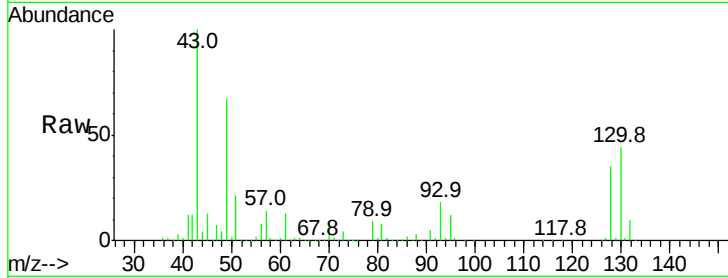
130 69.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#2

Dichlorodifluoromethane

Concen: 9.10 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL038715.D

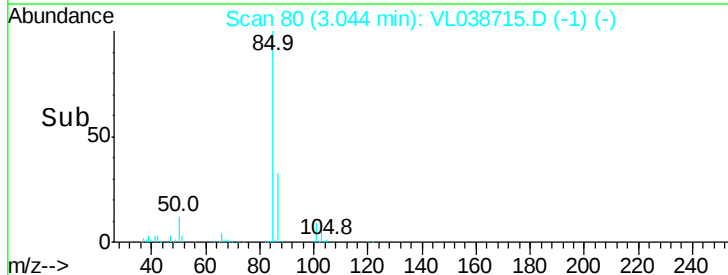
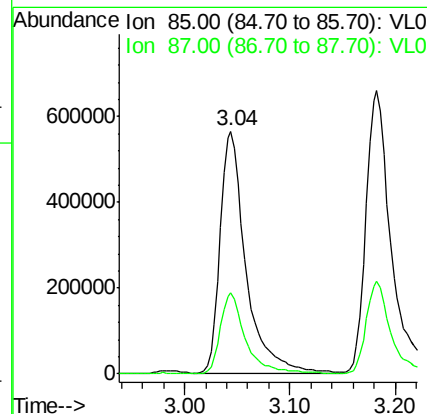
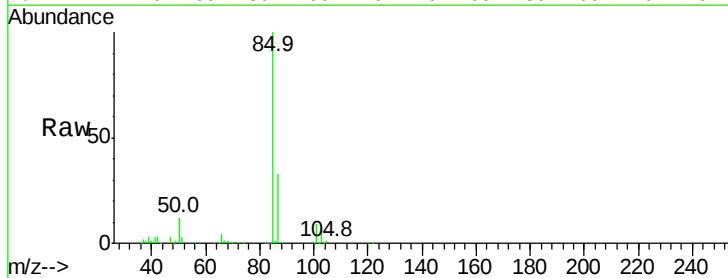
Acq: 23 Mar 2022 14:04

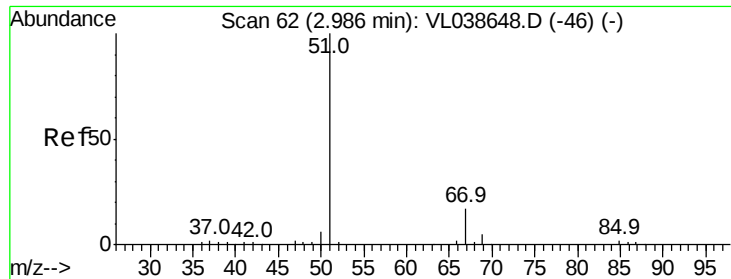
Tgt Ion: 85 Resp: 966343

Ion Ratio Lower Upper

85 100

87 33.2 26.0 39.0





#3

Chlorodifluoromethane

Concen: 10.17 ppbv

RT: 2.98 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 23 Mar 2022 14:04

Tgt Ion:

Ion Ratio

51 100

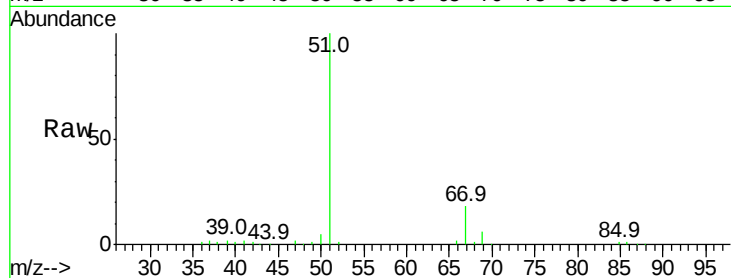
67 17.

Manual Integrations

APPROVED

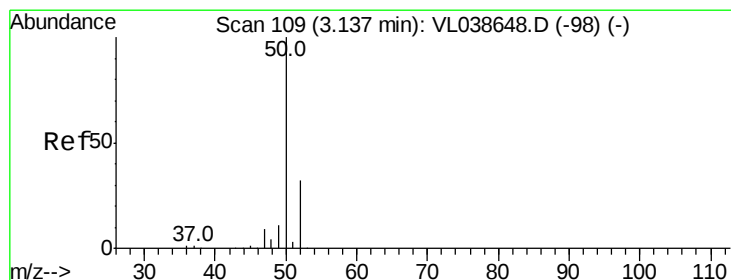
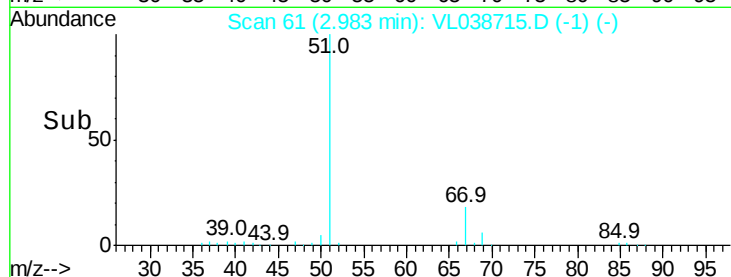
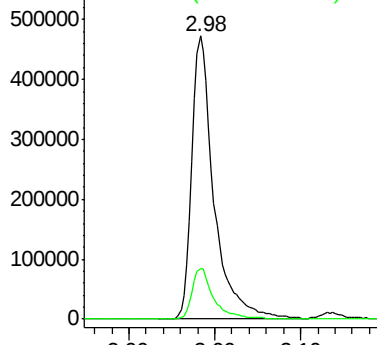
Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 10.02 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.00 min

Lab File: VL038715.D

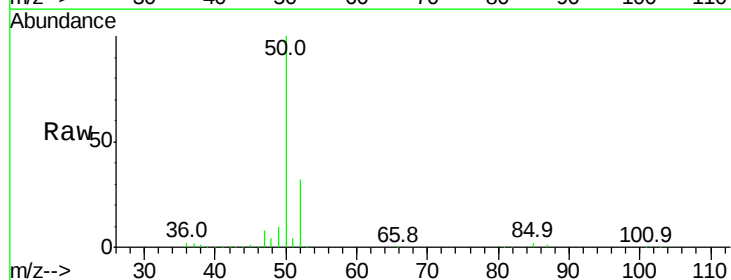
Acq: 23 Mar 2022 14:04

Tgt Ion: 50 Resp: 458998

Ion Ratio Lower Upper

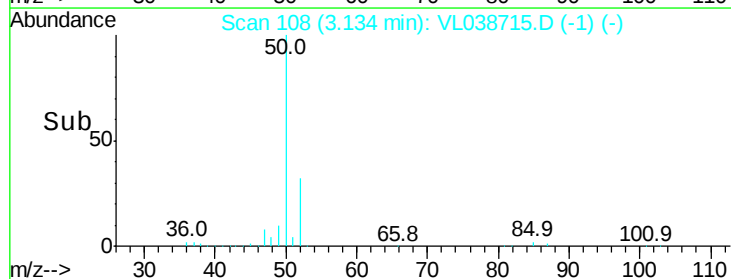
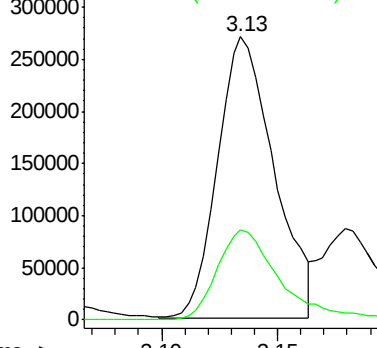
50 100

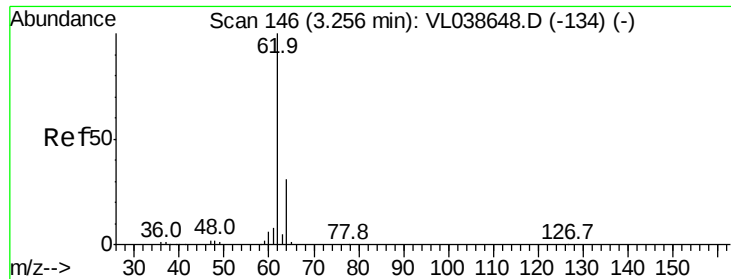
52 32.3 25.5 38.3



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.97 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDCCC010

Acq: 23 Mar 2022 14:04

Tgt Ion:

Ion Ratio

62 100

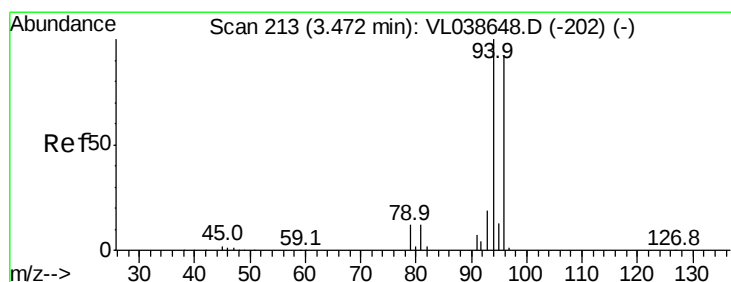
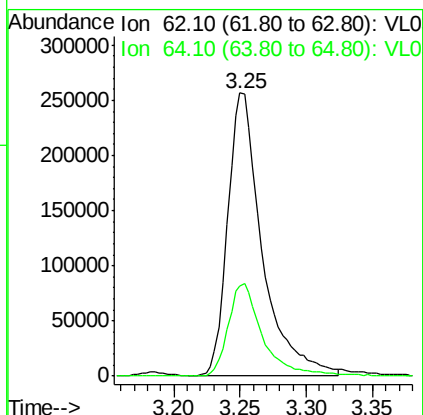
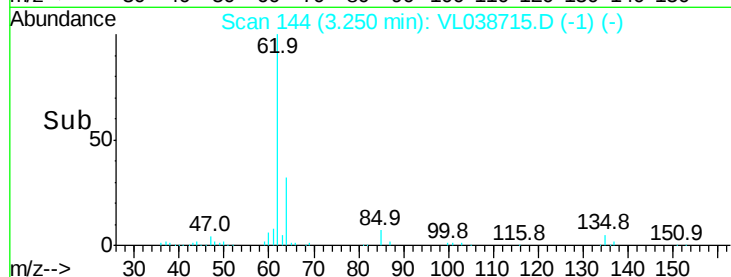
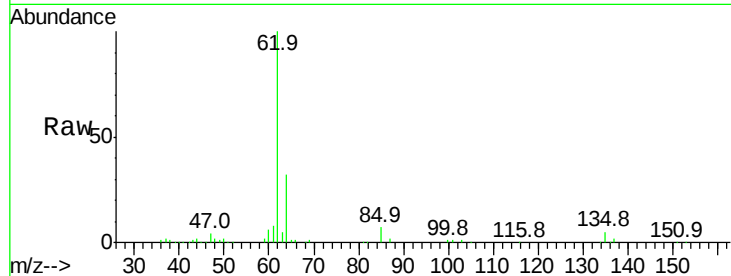
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#6

Bromomethane

Concen: 10.66 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.01 min

Lab File: VL038715.D

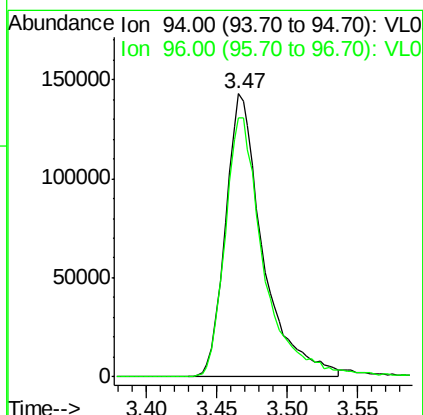
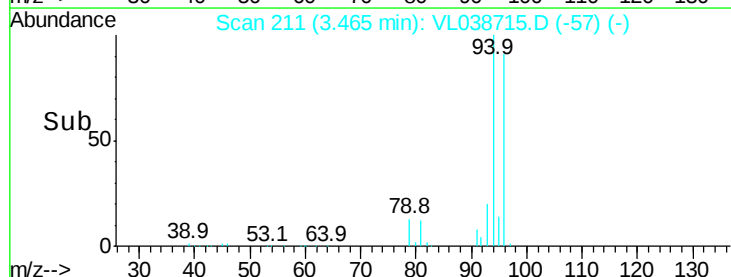
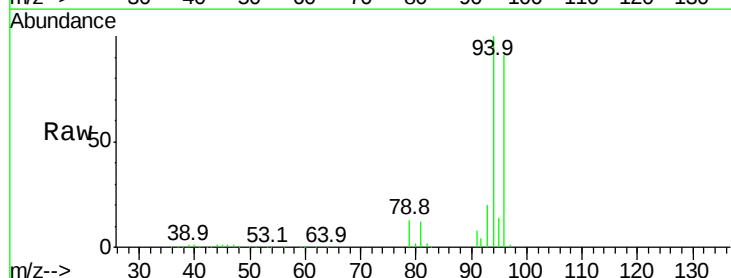
Acq: 23 Mar 2022 14:04

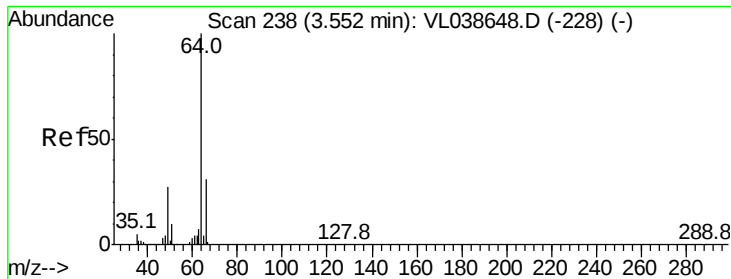
Tgt Ion: 94 Resp: 264507

Ion Ratio Lower Upper

94 100

96 91.3 73.3 109.9





#7

Chloroethane

Concen: 10.45 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 23 Mar 2022 14:04

Tgt Ion: 64

Ion Ratio 100

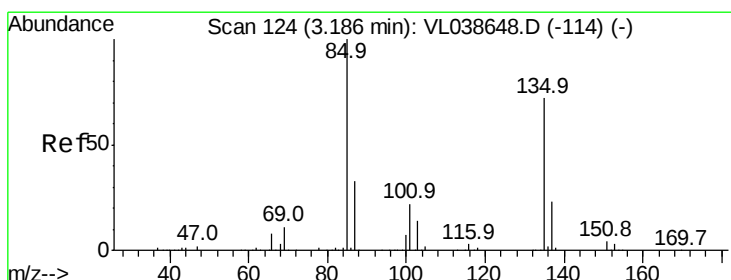
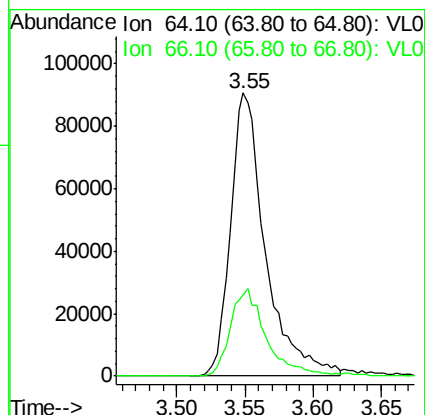
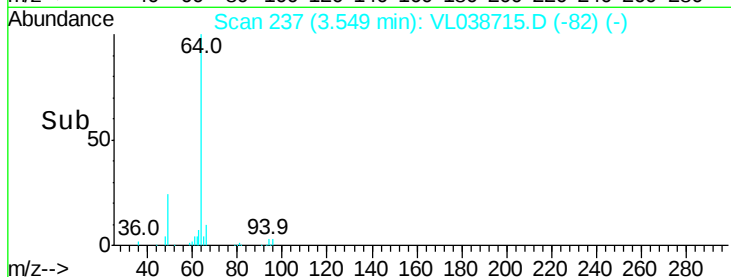
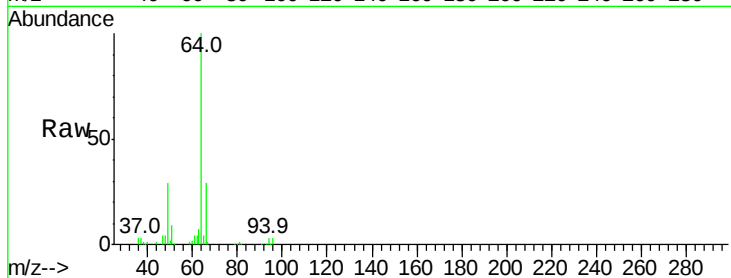
66 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#8

Dichlorotetrafluoroethane

Concen: 10.54 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL038715.D

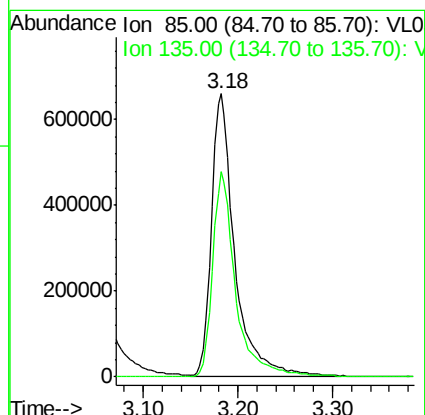
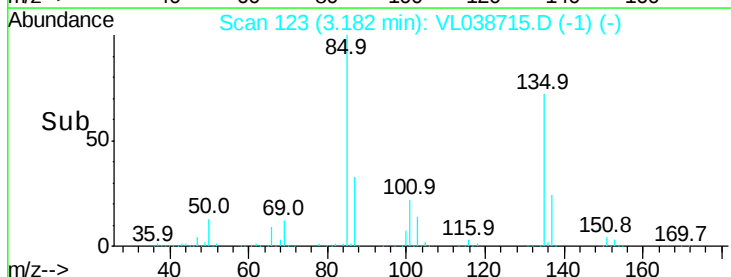
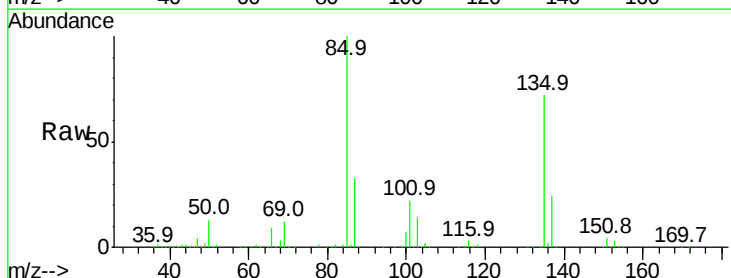
Acq: 23 Mar 2022 14:04

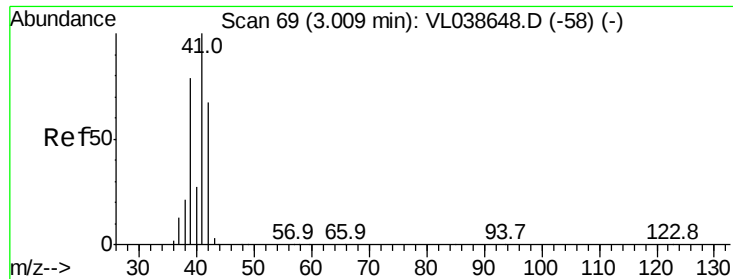
Tgt Ion: 85 Resp: 1117723

Ion Ratio Lower Upper

85 100

135 72.9 57.8 86.6





#9

Propene

Concen: 10.03 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 14:04 VSTDCCC010

Tgt Ion:

Ion Ratio

41 100

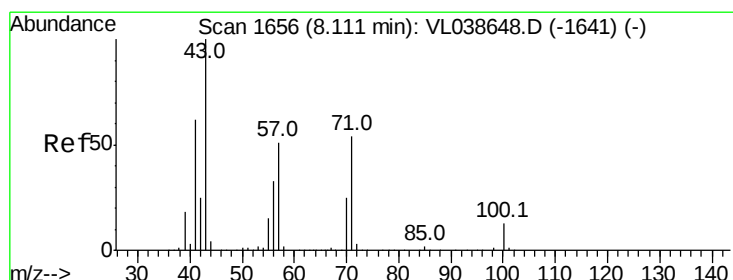
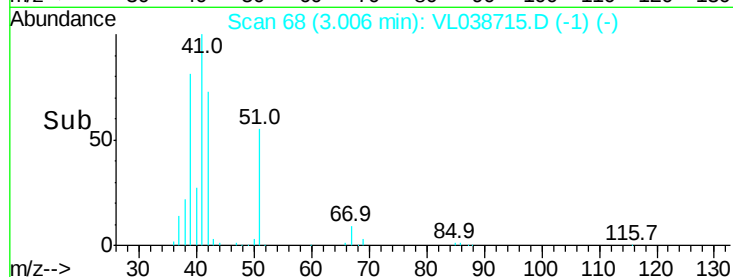
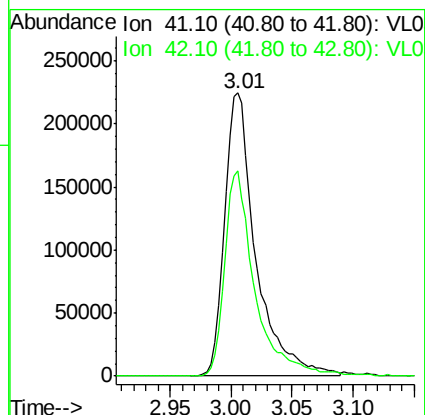
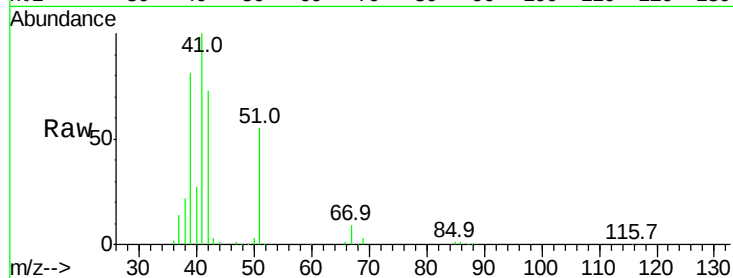
42 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#10

Heptane

Concen: 10.23 ppbv

RT: 8.11 min Scan# 1654

Delta R.T. -0.01 min

Lab File: VL038715.D

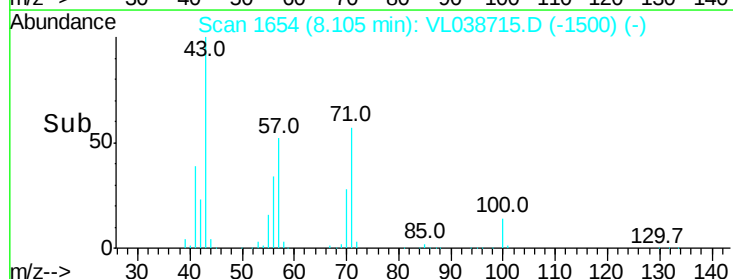
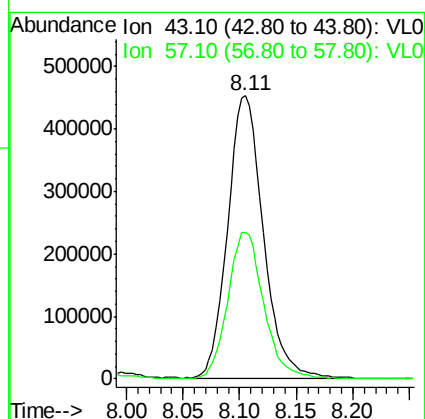
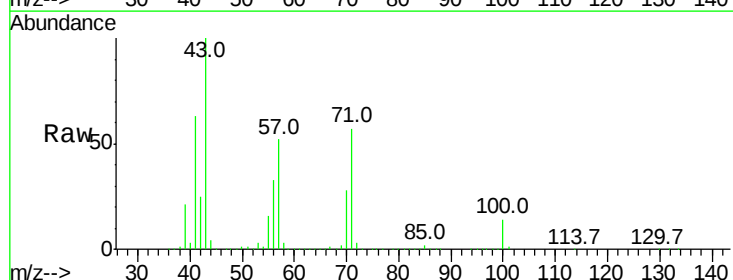
Acq: 23 Mar 2022 14:04

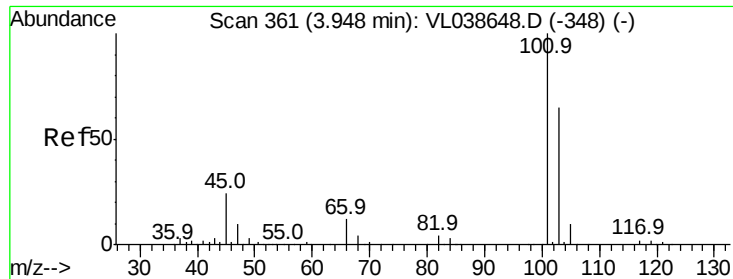
Tgt Ion: 43 Resp: 985745

Ion Ratio Lower Upper

43 100

57 52.8 41.4 62.2



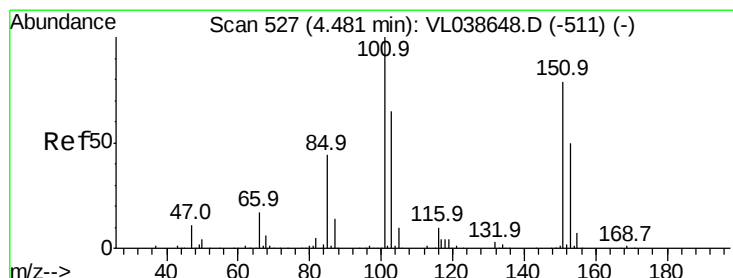
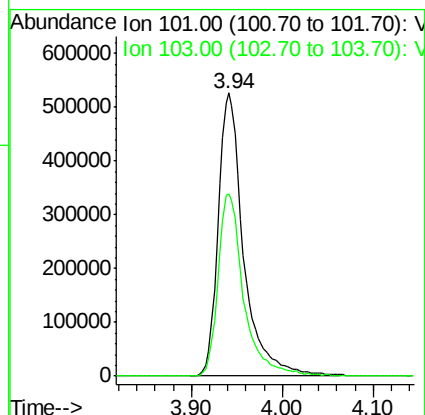
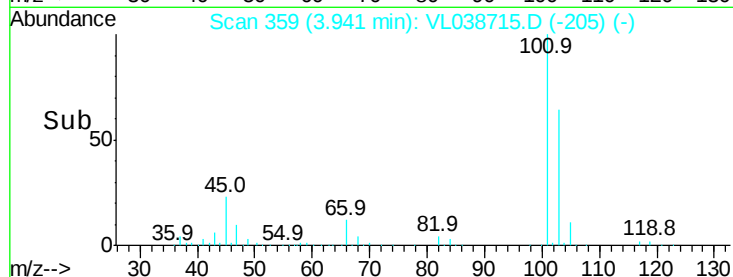
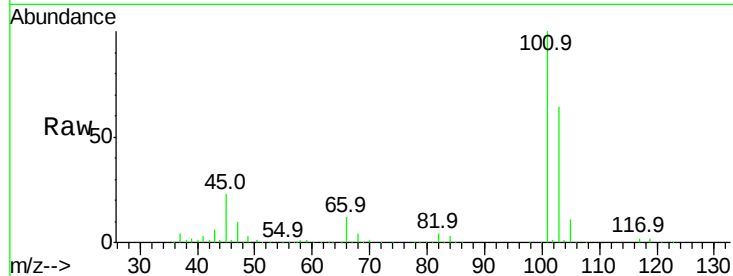


#11
 Trichlorofluoromethane
 Concen: 10.90 ppbv
 RT: 3.94 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Mar 2022 14:04

Tgt Ion:1
 Ion Ratio
 101 100
 103 64.

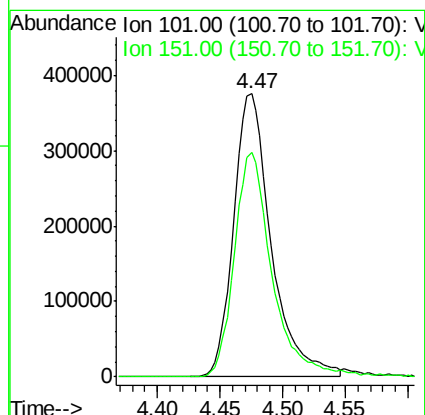
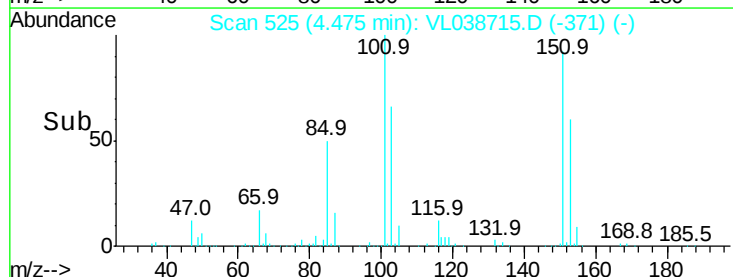
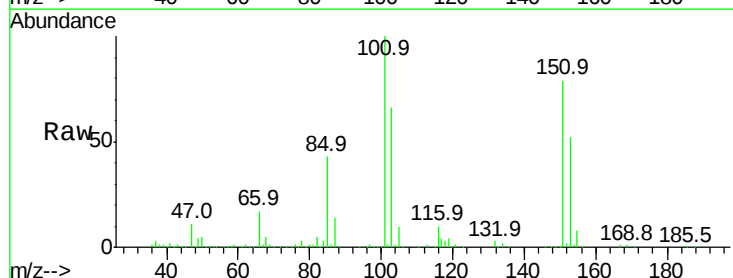
Manual Integrations
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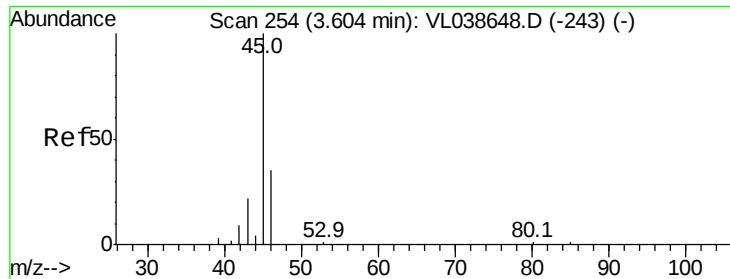
Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.88 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: VL038715.D
 Acq: 23 Mar 2022 14:04

Tgt Ion:101 Resp: 785233
 Ion Ratio Lower Upper
 101 100
 151 80.0 62.9 94.3





#13

Ethanol

Concen: 8.49 ppbv m

RT: 3.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 14:04 VSTDCCC010

Tgt Ion:

Ion Ratio

45 100

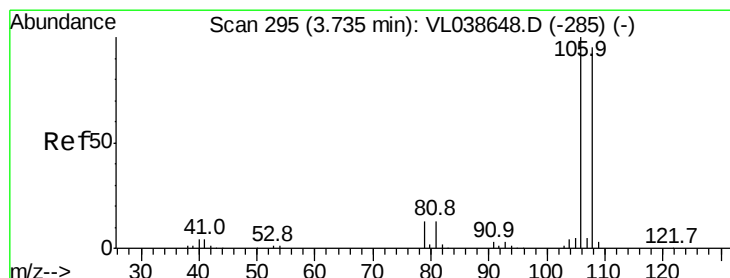
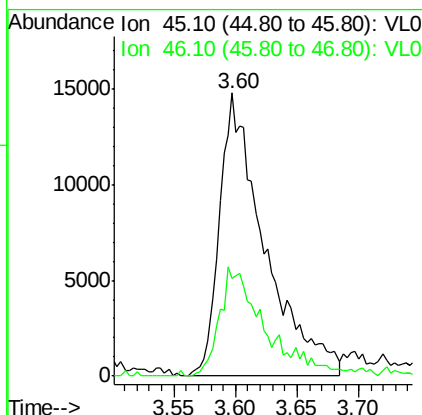
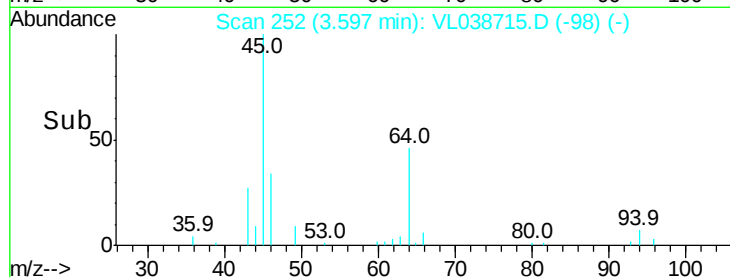
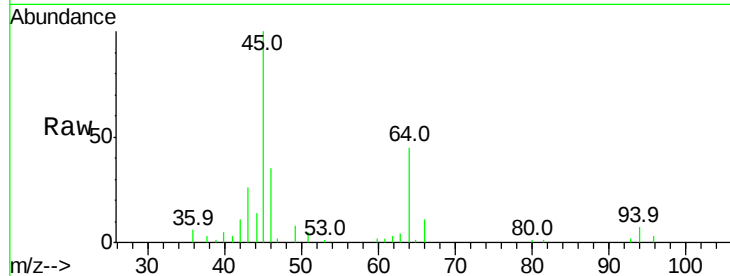
46 39.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#14

Bromoethene

Concen: 11.10 ppbv

RT: 3.73 min Scan# 293

Delta R.T. -0.01 min

Lab File: VL038715.D

Acq: 23 Mar 2022 14:04

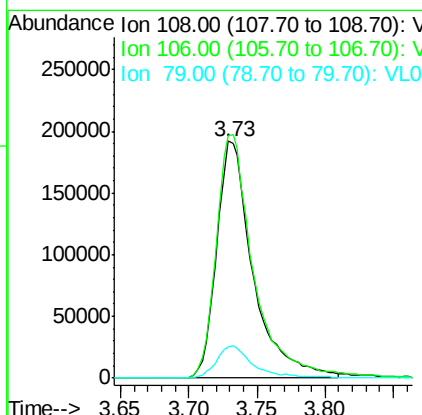
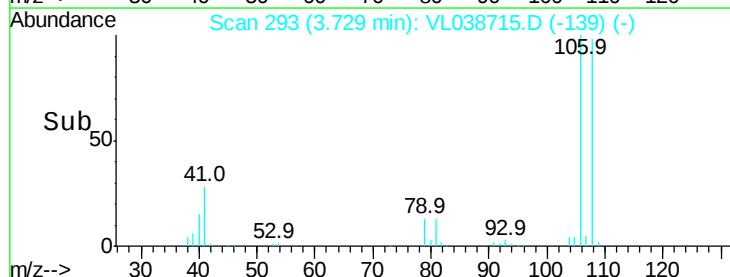
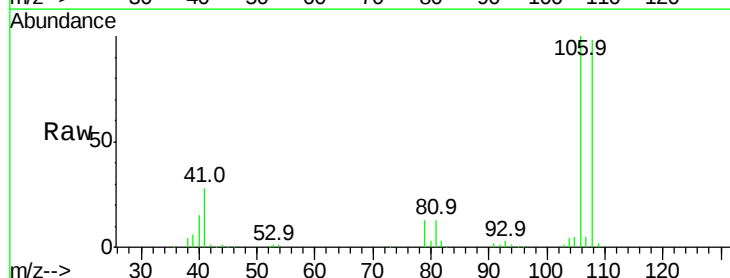
Tgt Ion:108 Resp: 356118

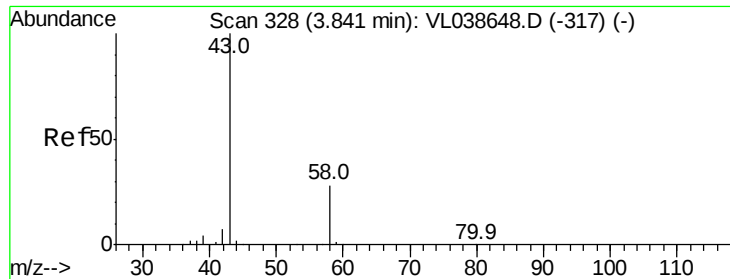
Ion Ratio Lower Upper

108 100

106 107.0 88.3 132.5

79 14.1 11.2 16.8





#15

Acetone

Concen: 10.18 ppbv

RT: 3.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Mar 2022 14:04 VSTDCCC010

Tgt Ion:

Ion Ratio

43 100

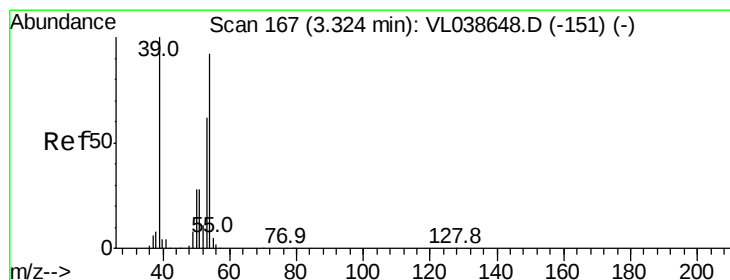
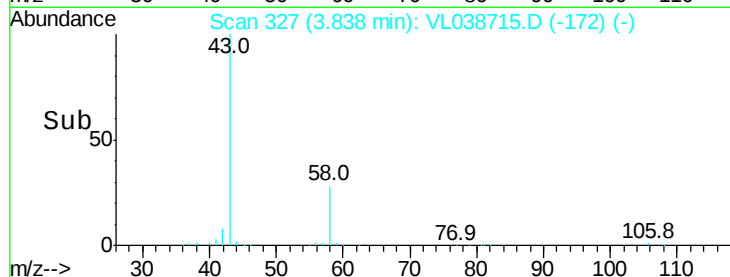
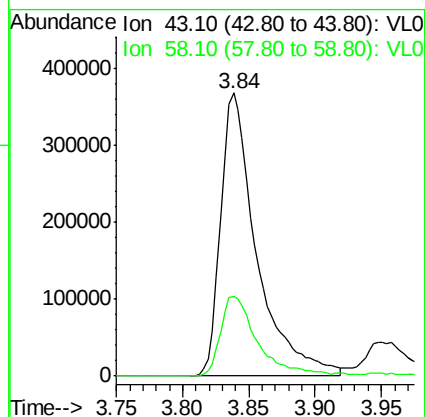
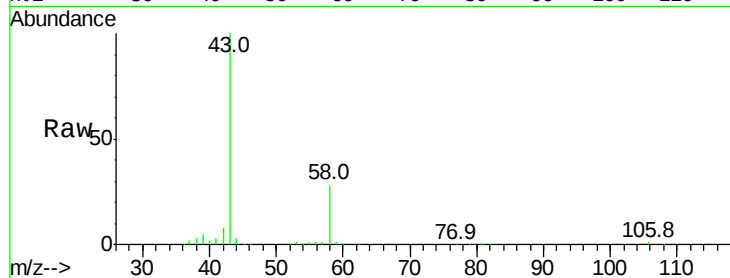
58 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#16

1,3-Butadiene

Concen: 10.71 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.00 min

Lab File: VL038715.D

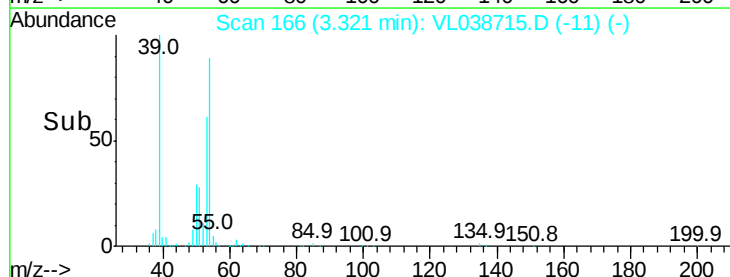
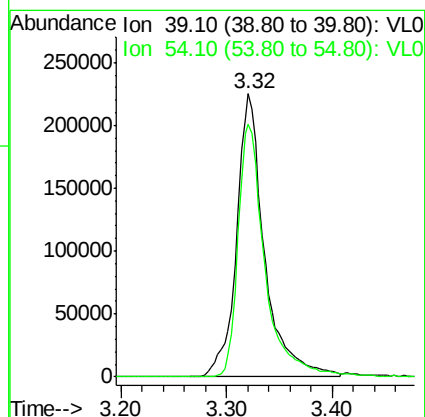
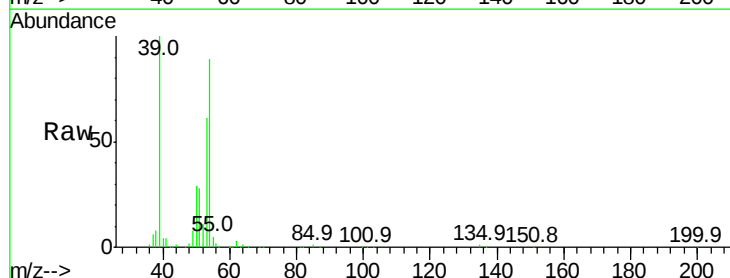
Acq: 23 Mar 2022 14:04

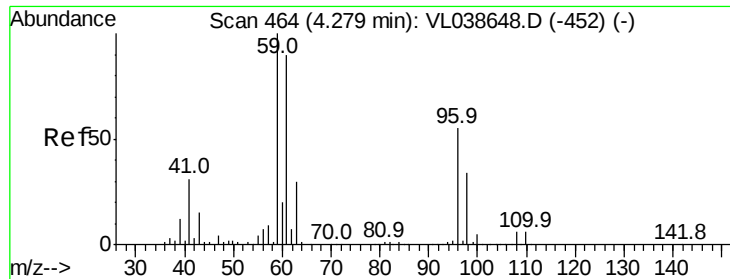
Tgt Ion: 39 Resp: 414324

Ion Ratio Lower Upper

39 100

54 86.6 69.1 103.7



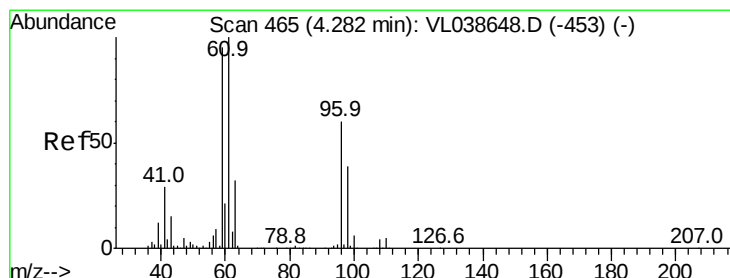
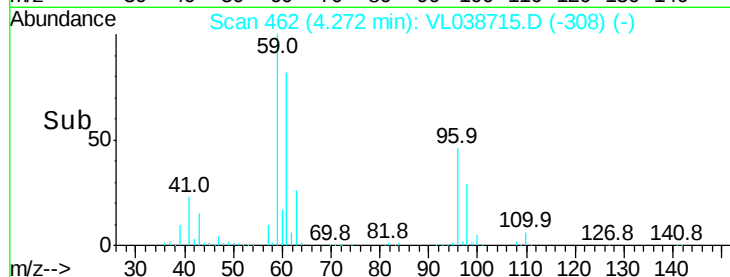
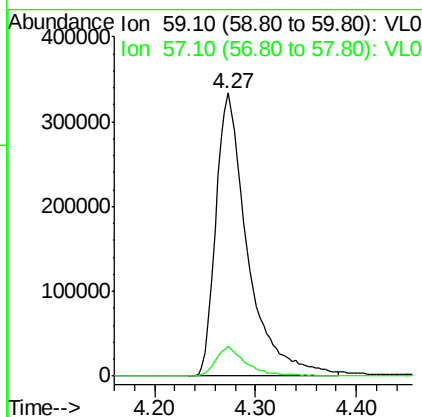
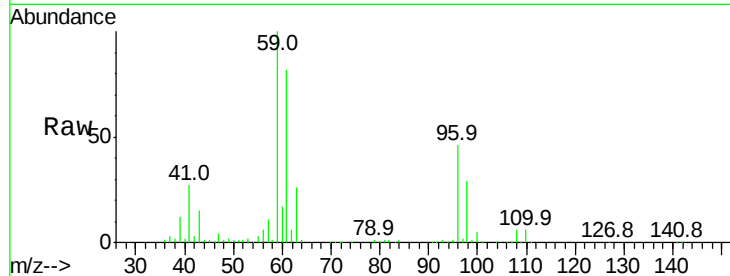


#17
 tert-Butyl alcohol
 Concen: 12.31 ppbv
 RT: 4.27
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 23 Mar 2022 14:04

Tgt Ion:
 Ion Ratio
 59 100
 57 10.

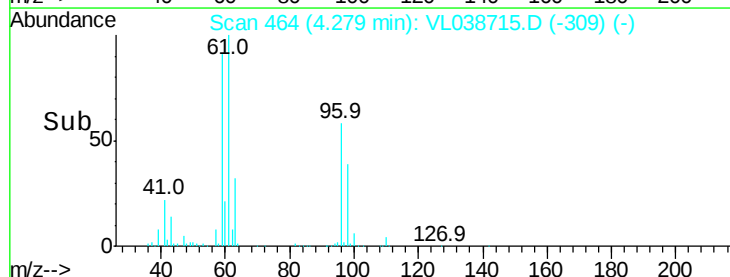
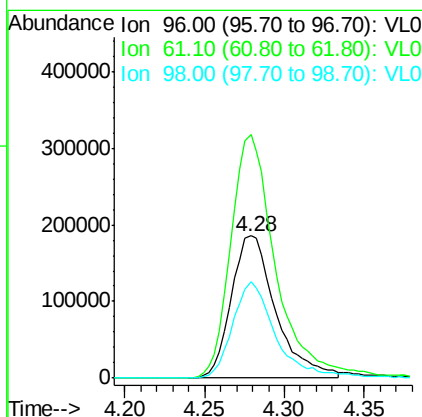
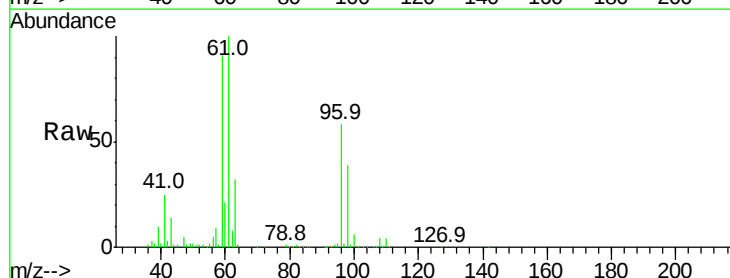
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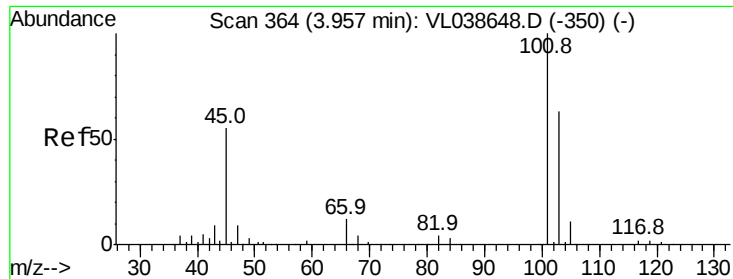
Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#18
 1,1-Dichloroethene
 Concen: 10.90 ppbv
 RT: 4.28 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: VL038715.D
 Acq: 23 Mar 2022 14:04

Tgt Ion: 96 Resp: 353287
 Ion Ratio Lower Upper
 96 100
 61 171.0 132.4 198.6
 98 67.5 51.6 77.4





#19

Isopropyl Alcohol

Concen: 11.04 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 14:04 VSTDCCC010

Tgt Ion:

Ion Ratio

45 100

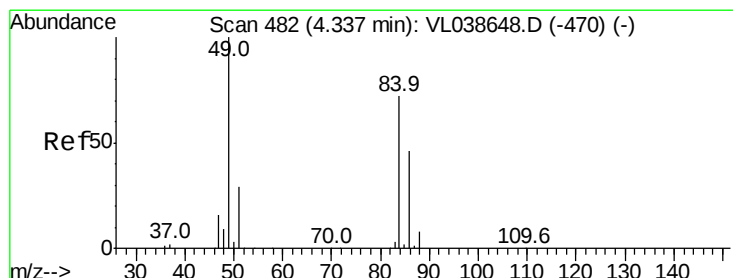
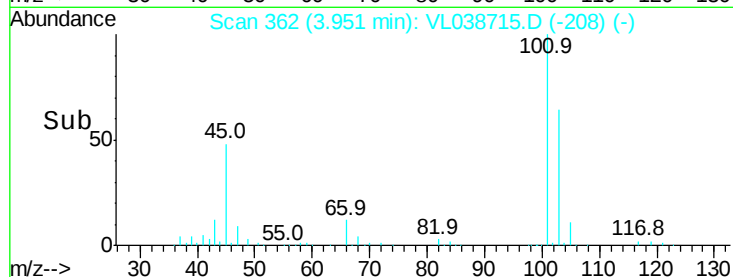
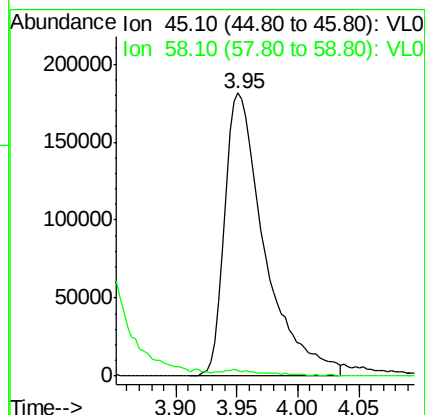
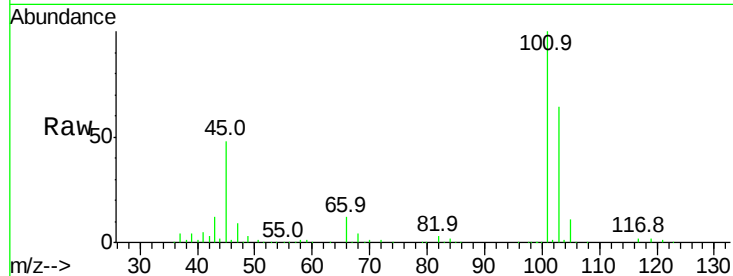
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#20

Methylene Chloride

Concen: 10.26 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.00 min

Lab File: VL038715.D

Acq: 23 Mar 2022 14:04

Tgt Ion: 84 Resp: 294616

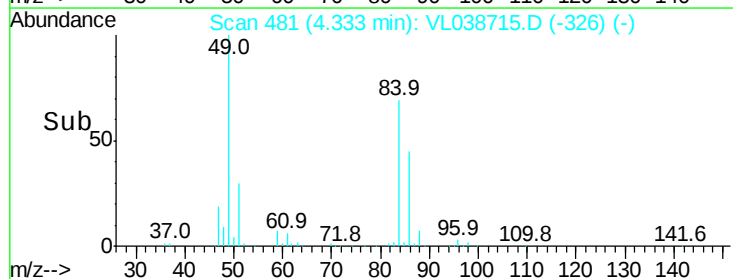
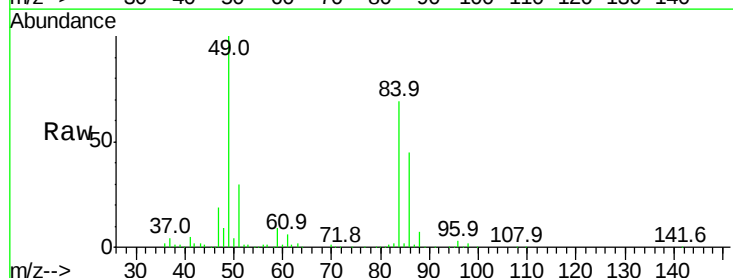
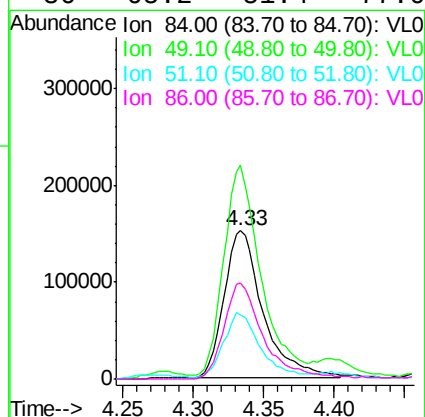
Ion Ratio Lower Upper

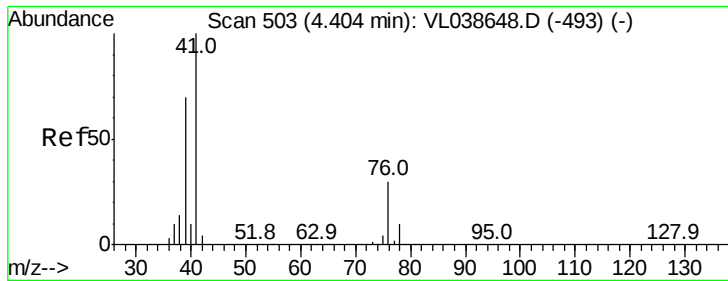
84 100

49 142.8 111.2 166.8

51 42.0 32.8 49.2

86 65.2 51.4 77.0





#21

Allyl Chloride

Concen: 11.21 ppbv

RT: 4.40 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 23 Mar 2022 14:04 VSTDC010

Tgt Ion:

Ion Ratio

41 100

76 31.

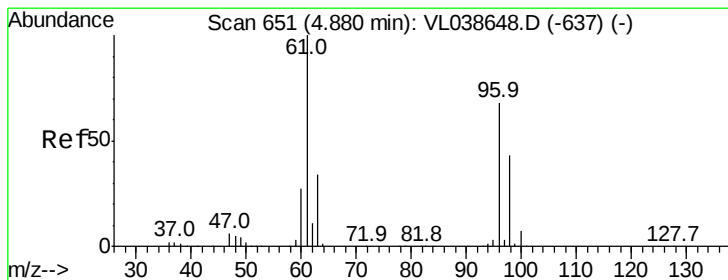
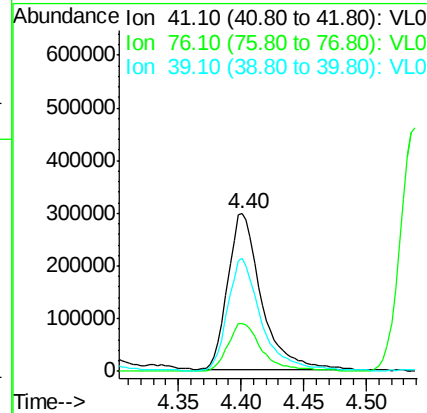
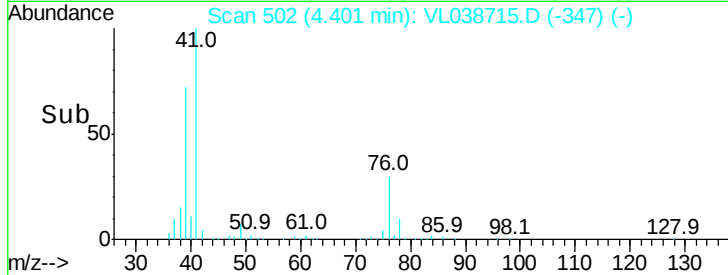
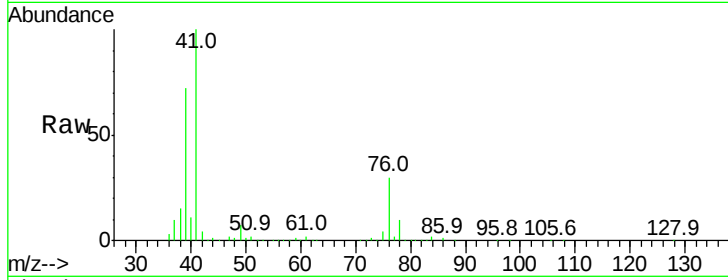
39 71.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#22

trans-1,2-Dichloroethene

Concen: 11.60 ppbv

RT: 4.87 min Scan# 649

Delta R.T. -0.01 min

Lab File: VL038715.D

Acq: 23 Mar 2022 14:04

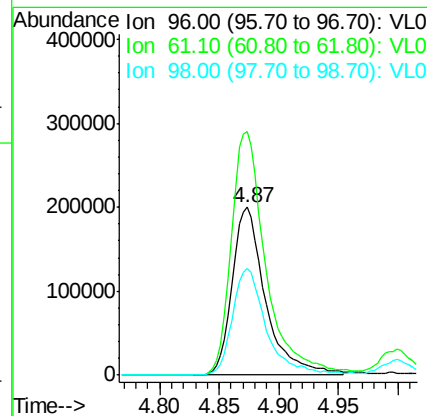
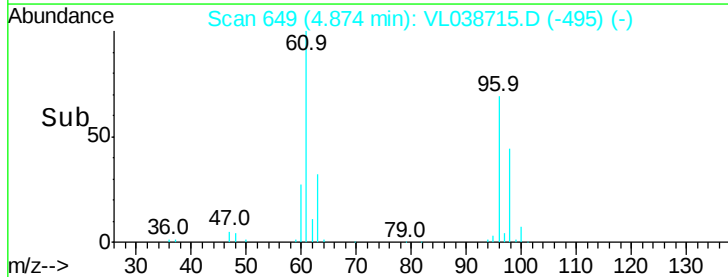
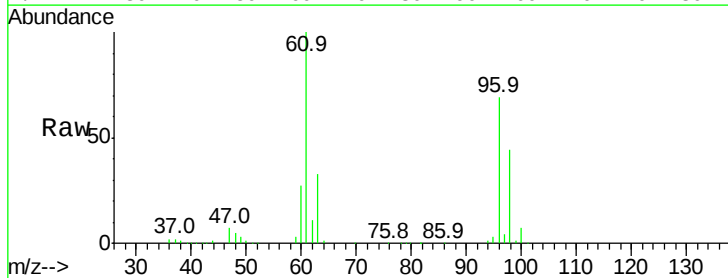
Tgt Ion: 96 Resp: 390163

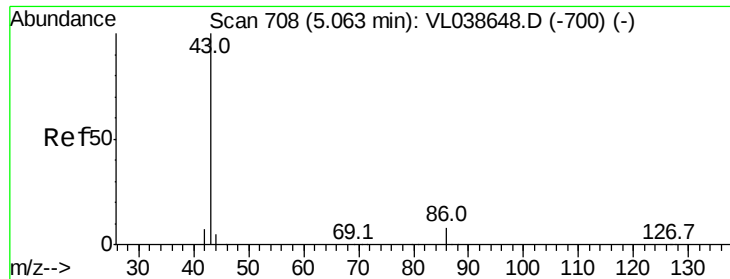
Ion Ratio Lower Upper

96 100

61 145.2 118.3 177.5

98 63.8 51.3 76.9



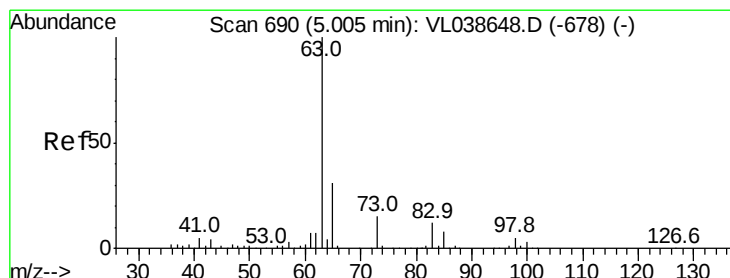
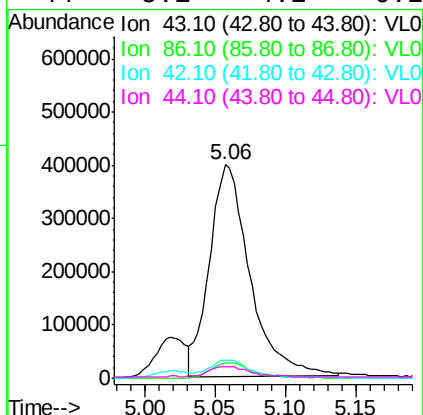
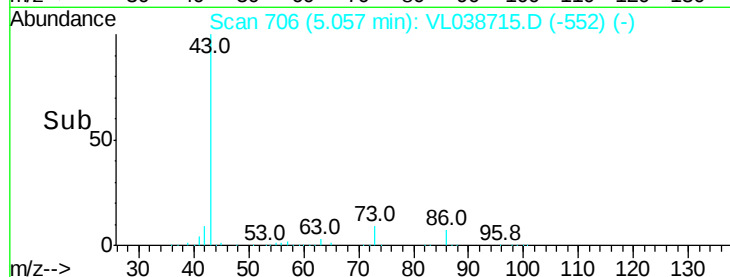
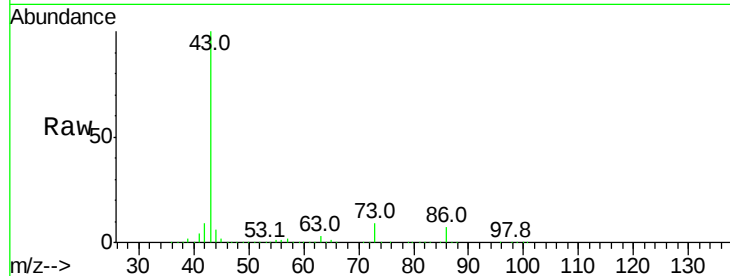


#23
 Vinyl Acetate
 Concen: 12.09 ppbv
 RT: 5.06
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Mar 2022 14:04

Tgt Ion:
 Ion Ratio
 43 100
 86 7.
 42 8.
 44 5.1 4.2 6.2

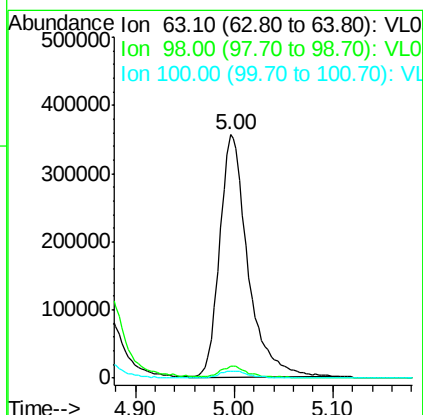
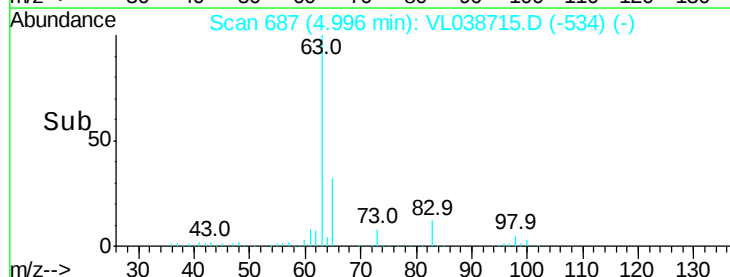
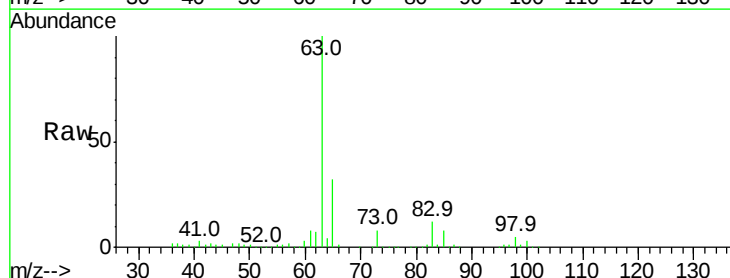
Manual Integrations
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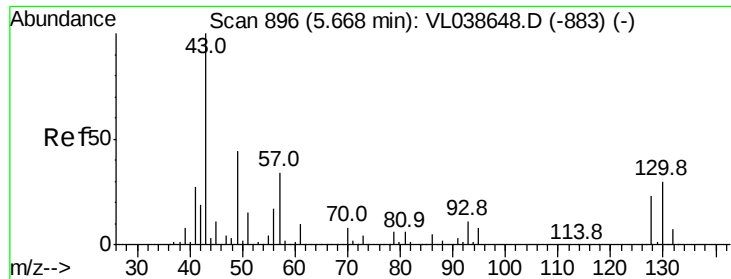
Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#24
 1,1-Dichloroethane
 Concen: 11.05 ppbv
 RT: 5.00 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: VL038715.D
 Acq: 23 Mar 2022 14:04

Tgt Ion: 63 Resp: 718186
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.5 7.5
 100 2.9 1.4 4.2



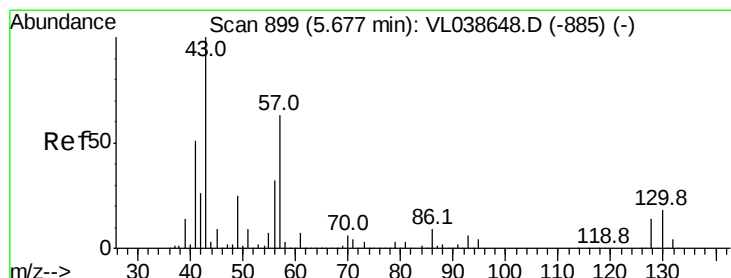
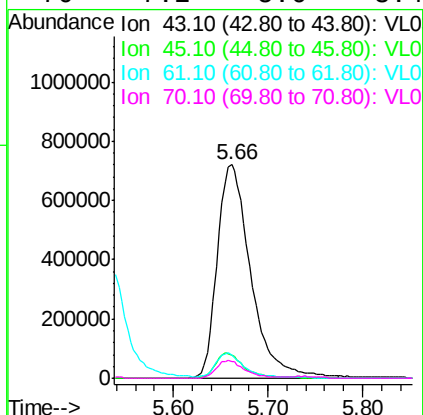
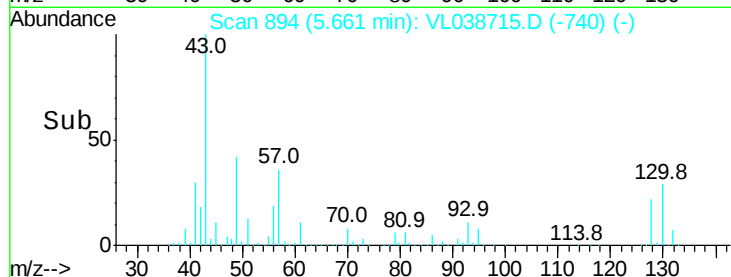
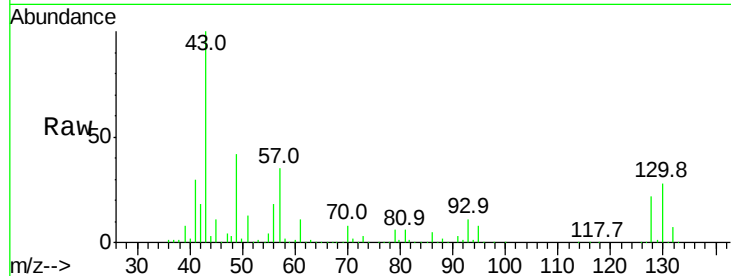


#25
Ethyl Acetate
Concen: 10.28 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Mar 2022 14:04

Tgt Ion:
Ion Ratio
43 100
45 10.
61 10.
70 7.2 5.6 8.4

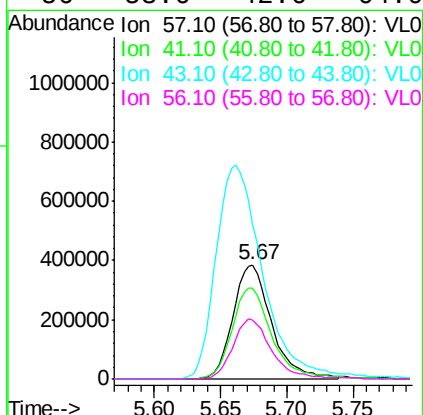
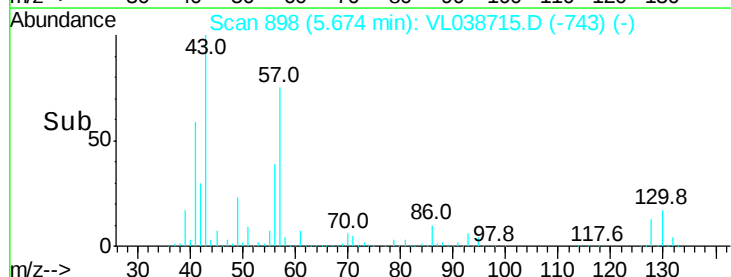
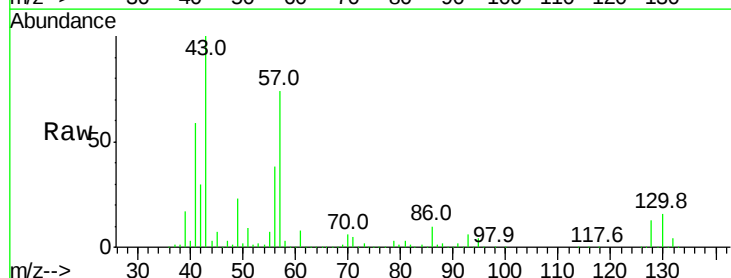
Manual Integrations
APPROVED

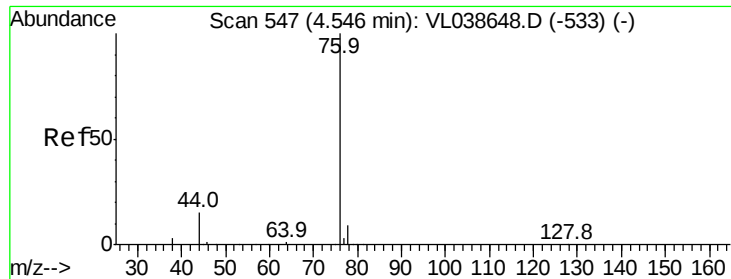
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#26
Hexane
Concen: 10.15 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL038715.D
Acq: 23 Mar 2022 14:04

Tgt Ion: 57 Resp: 779947
Ion Ratio Lower Upper
57 100
41 83.7 67.0 100.4
43 228.5 184.2 276.2
56 53.6 42.6 64.0





#27

Carbon Disulfide

Concen: 12.23 ppbv

RT: 4.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 23 Mar 2022 14:04

Tgt Ion:

Ion Ratio

76 100

44 15.

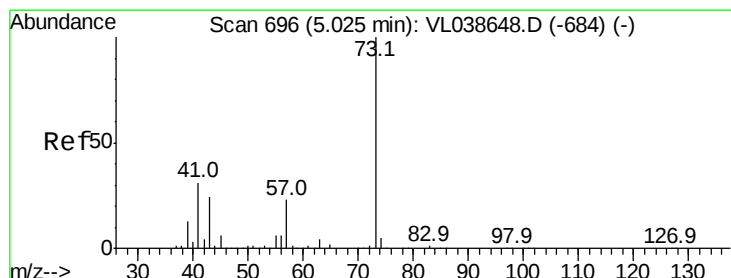
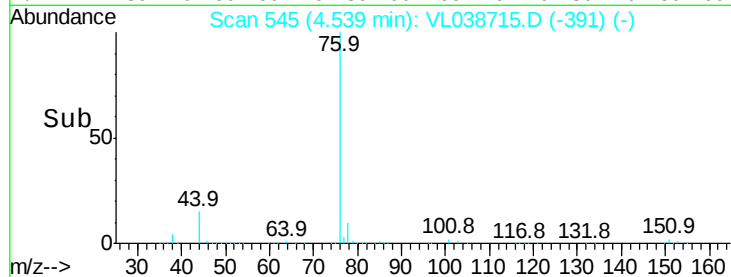
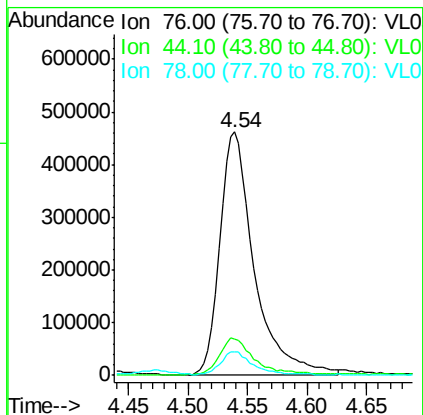
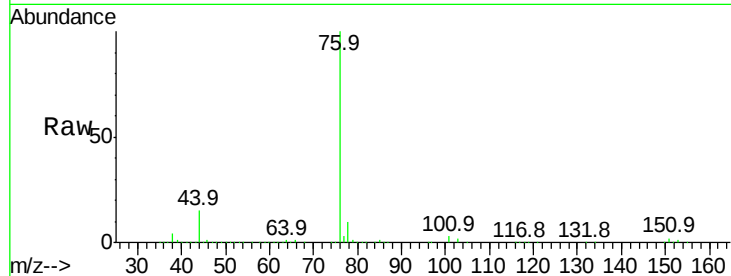
78 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#28

Methyl tert-Butyl Ether

Concen: 11.84 ppbv

RT: 5.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: VL038715.D

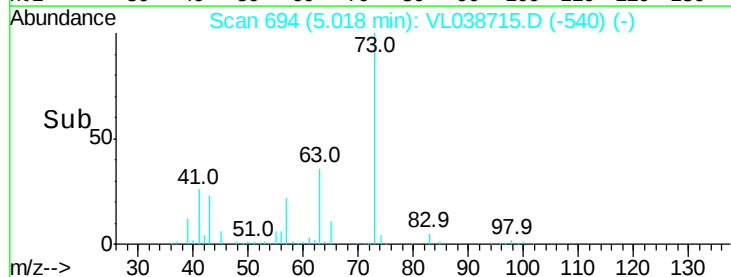
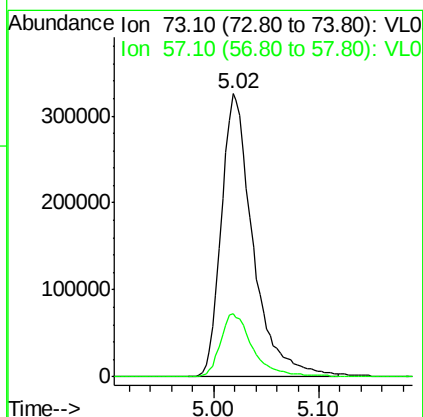
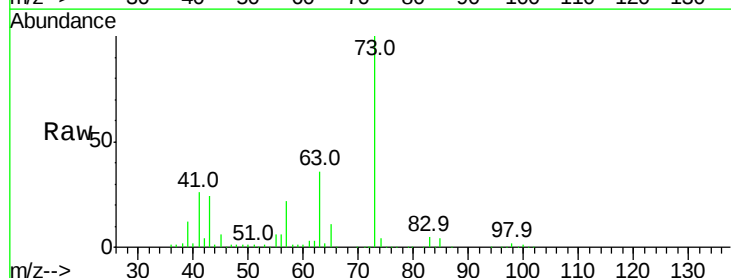
Acq: 23 Mar 2022 14:04

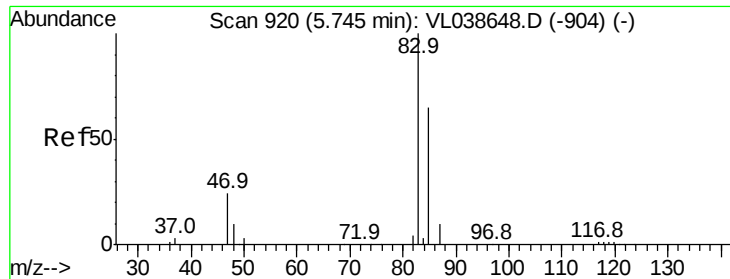
Tgt Ion: 73 Resp: 677821

Ion Ratio Lower Upper

73 100

57 23.2 19.2 28.8



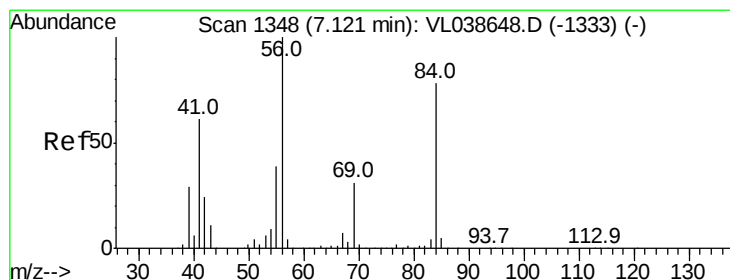
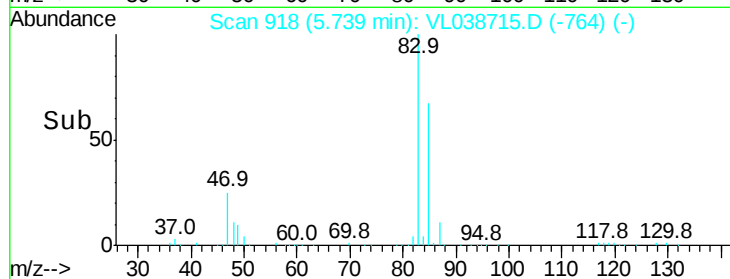
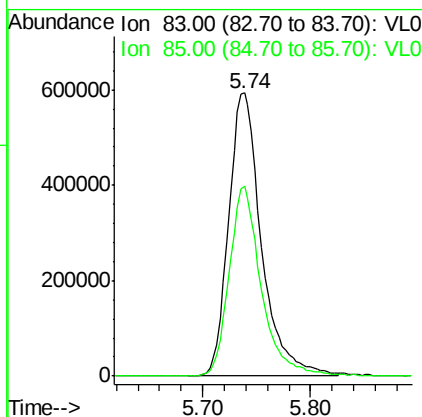
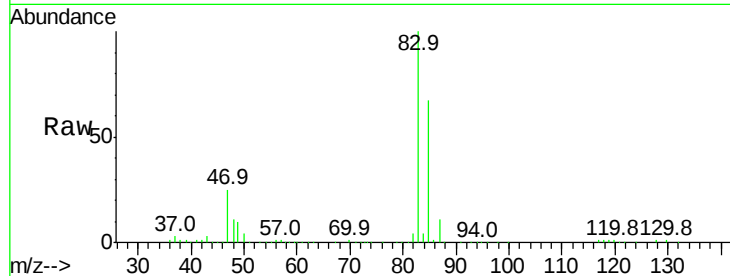


#29
Chloroform
Concen: 10.25 ppbv
RT: 5.74
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 23 Mar 2022 14:04

Tgt Ion:
Ion Ratio
83 100
85 67.

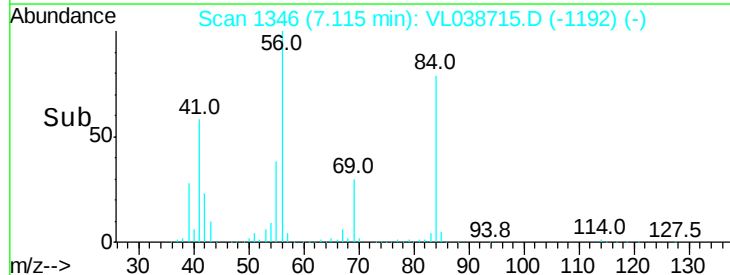
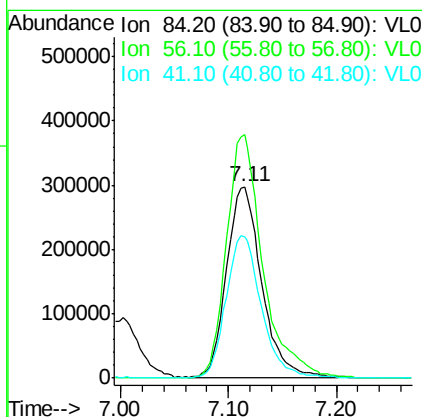
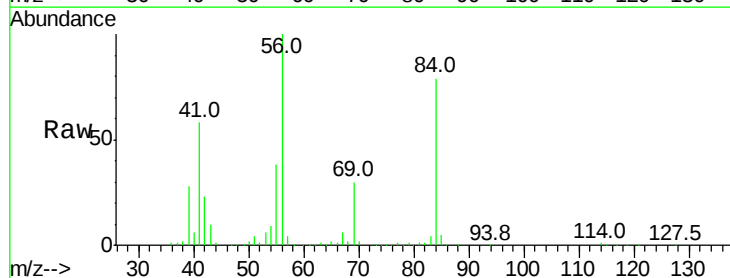
Manual Integrations
APPROVED

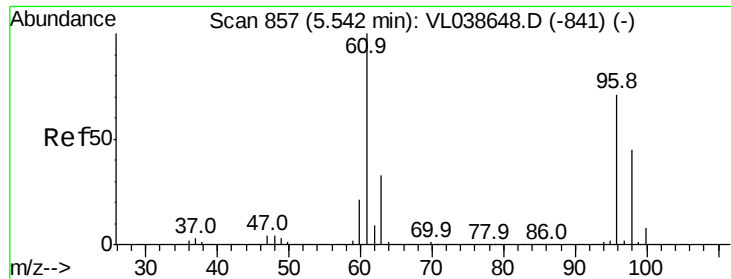
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#30
Cyclohexane
Concen: 10.13 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.01 min
Lab File: VL038715.D
Acq: 23 Mar 2022 14:04

Tgt Ion: 84 Resp: 676791
Ion Ratio Lower Upper
84 100
56 132.2 108.2 162.4
41 75.3 61.8 92.6





#31

cis-1,2-Dichloroethene

Concen: 10.78 ppbv

RT: 5.53 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 23 Mar 2022 14:04 VSTDCCC010

Tgt Ion:

Ion Ratio

61 100

96 69.

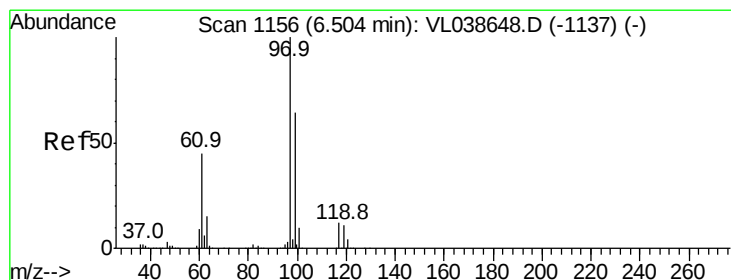
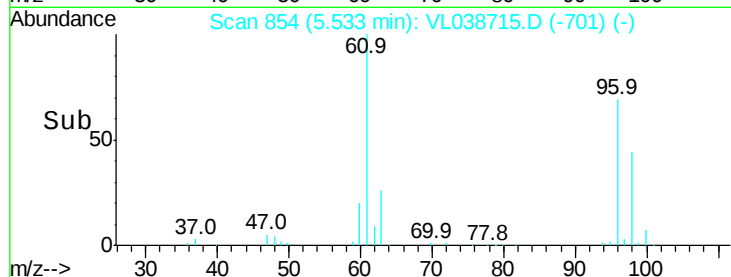
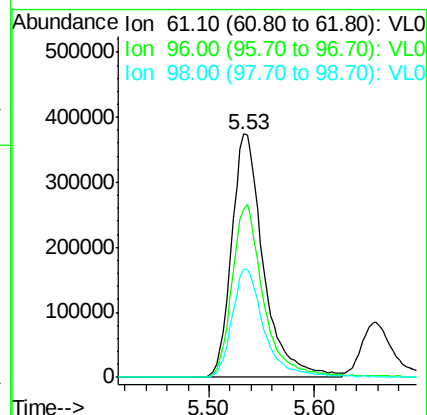
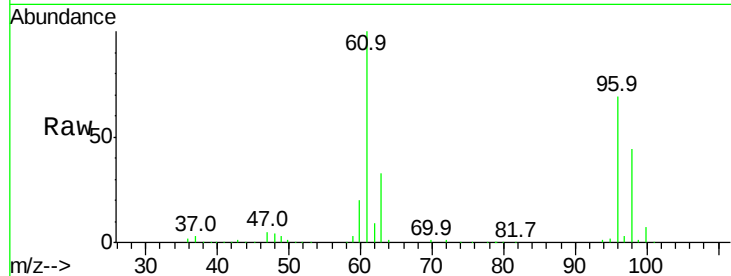
98 44.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#32

1,1,1-Trichloroethane

Concen: 10.55 ppbv

RT: 6.49 min Scan# 1153

Delta R.T. -0.01 min

Lab File: VL038715.D

Acq: 23 Mar 2022 14:04

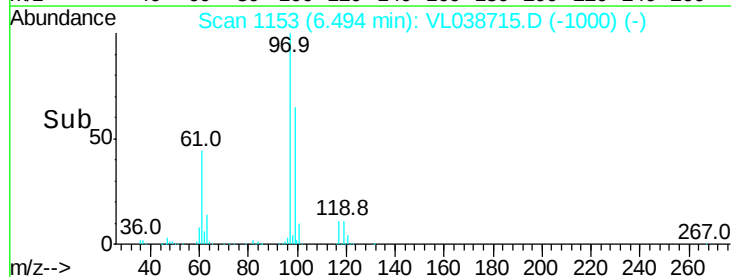
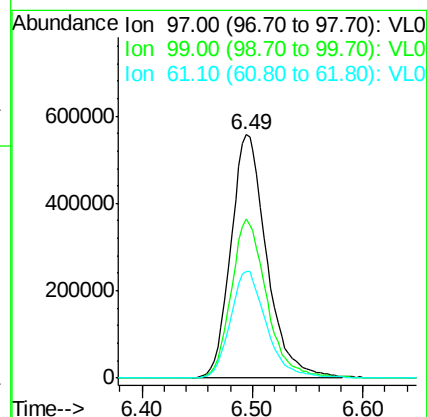
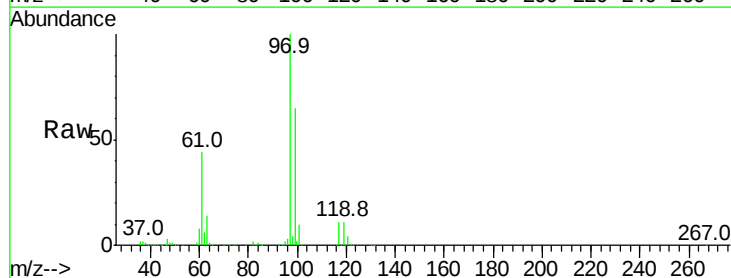
Tgt Ion: 97 Resp: 1252824

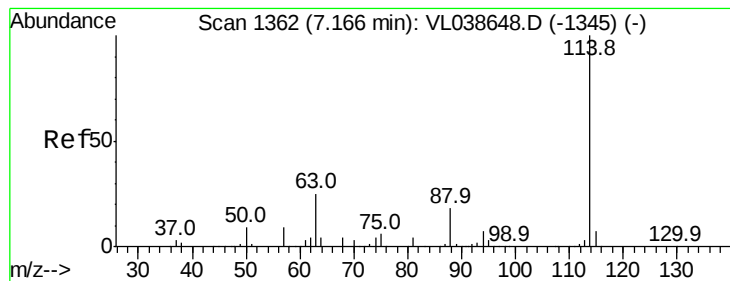
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.8

61 44.7 36.7 55.1





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Mar 2022 14:04

Tgt Ion:1

Ion Ratio

114 100

63 23.

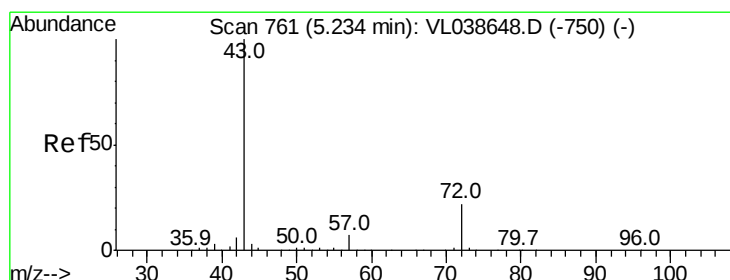
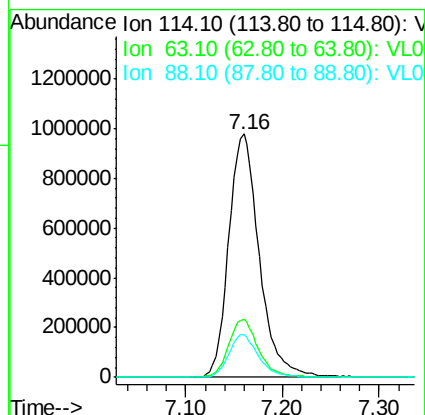
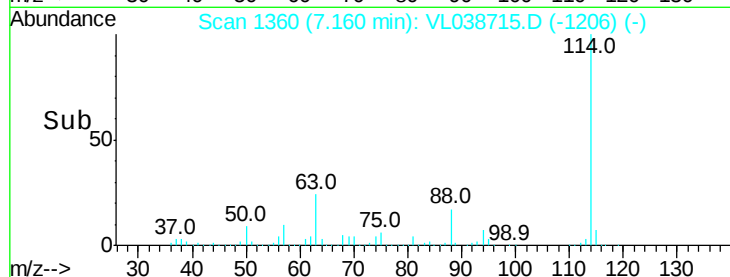
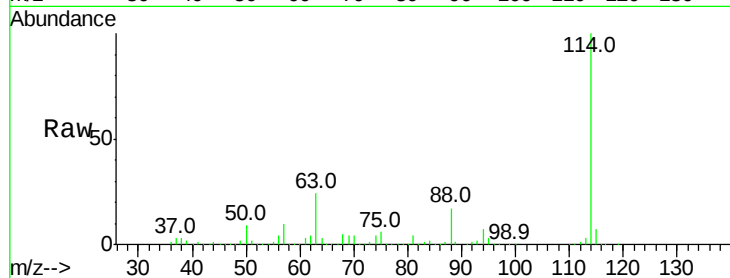
88 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#34

2-Butanone

Concen: 9.63 ppbv

RT: 5.23 min Scan# 759

Delta R.T. -0.01 min

Lab File: VL038715.D

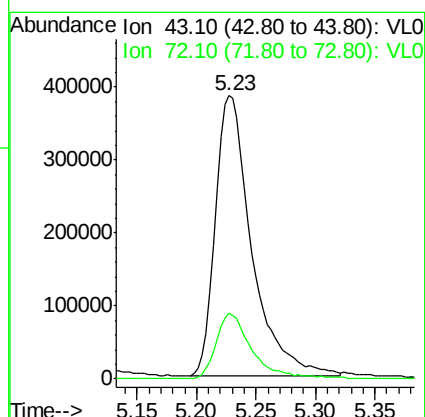
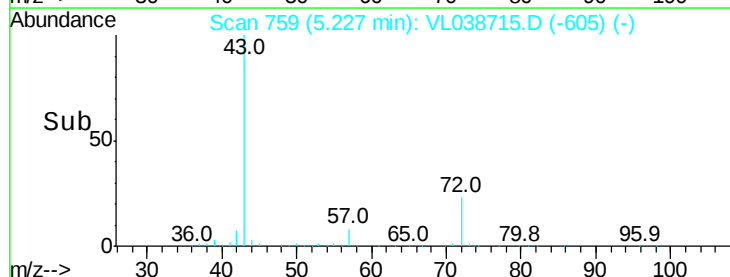
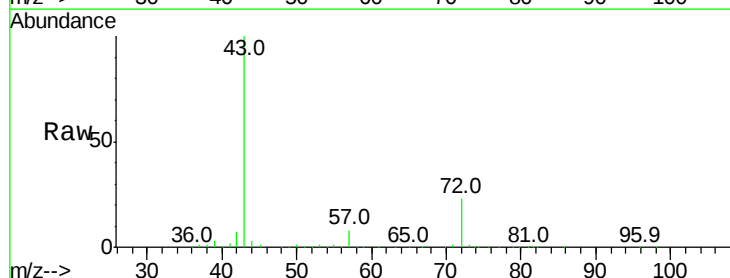
Acq: 23 Mar 2022 14:04

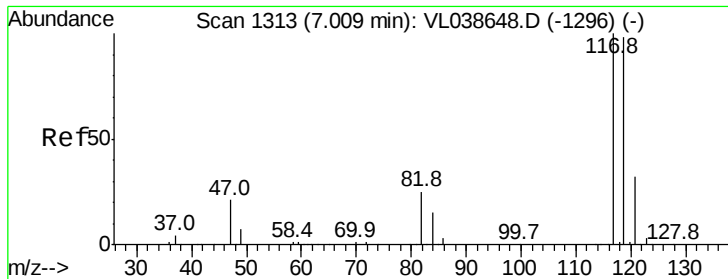
Tgt Ion: 43 Resp: 817588

Ion Ratio Lower Upper

43 100

72 23.3 17.8 26.8



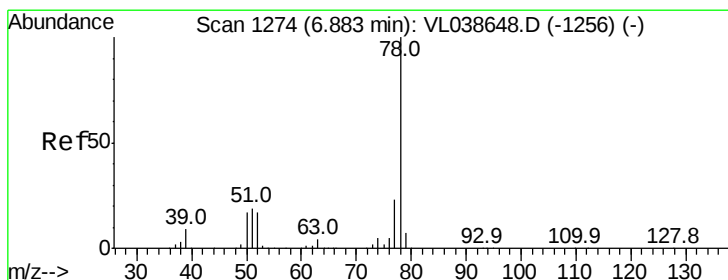
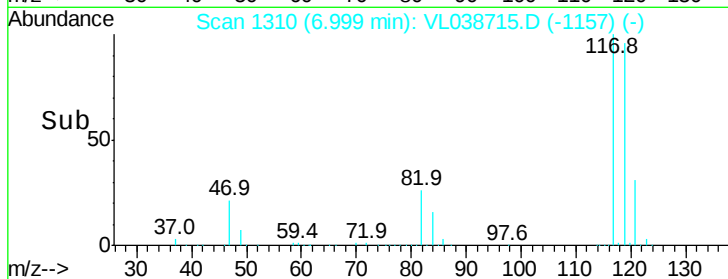
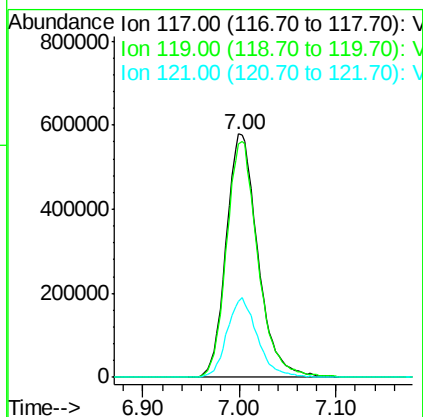
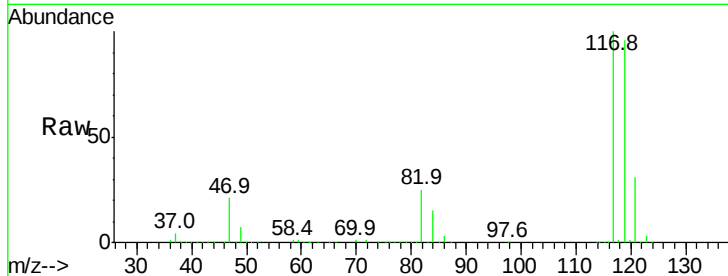


#35
Carbon Tetrachloride
Concen: 10.59 ppbv
RT: 7.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Mar 2022 14:04

Tgt Ion: 117
Ion Ratio
117 100
119 95
121 31

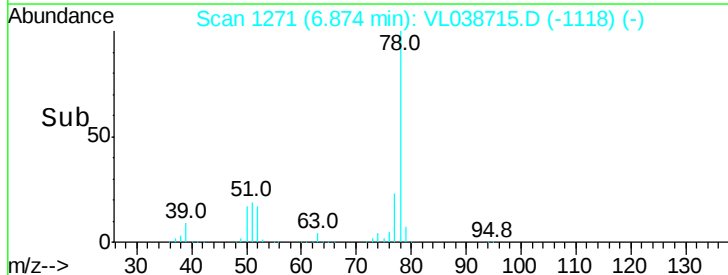
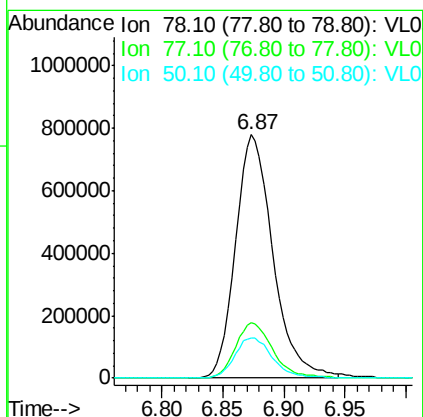
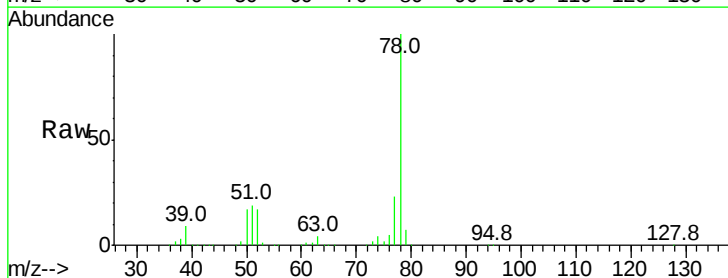
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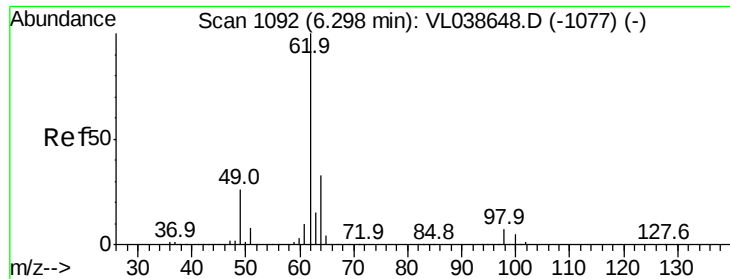
Reviewed By : Semsettin Yesilyurt 03/24/2022
Supervised By : Mahesh Dadoda 03/28/2022



#36
Benzene
Concen: 9.99 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VL038715.D
Acq: 23 Mar 2022 14:04

Tgt Ion: 78 Resp: 1653460
Ion Ratio Lower Upper
78 100
77 22.9 18.1 27.1
50 16.7 13.6 20.4



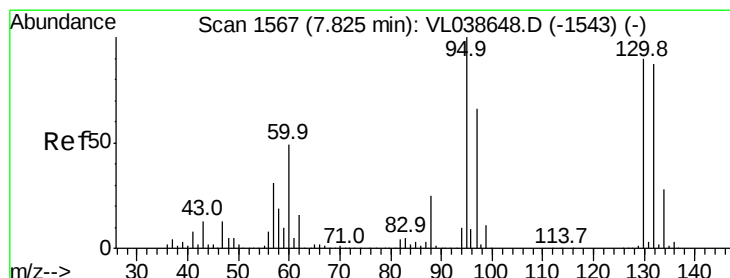
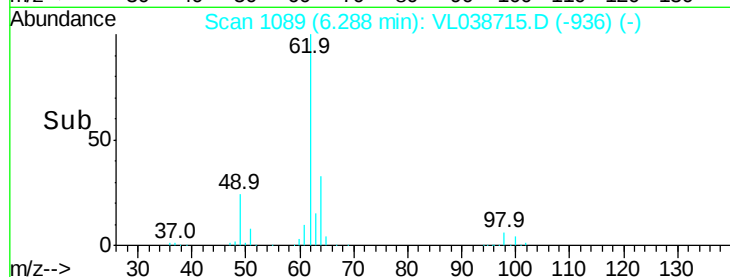
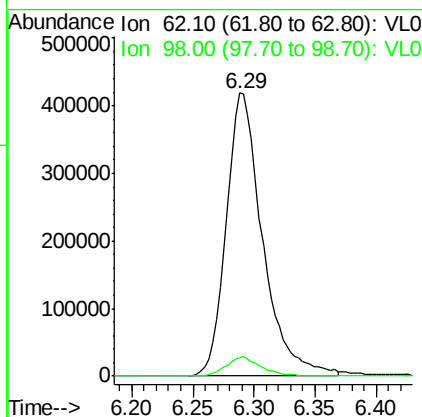
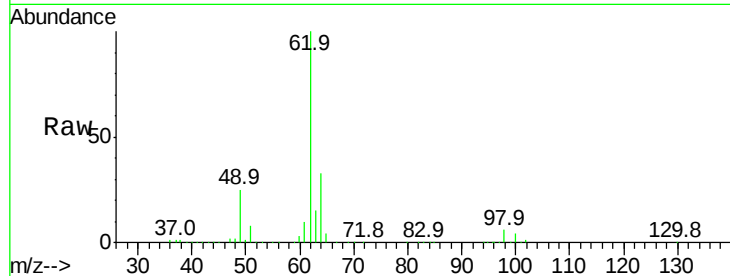


#37
 1,2-Dichloroethane
 Concen: 10.35 ppbv
 RT: 6.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Mar 2022 14:04

Tgt Ion:
 Ion Ratio
 62 100
 98 6.

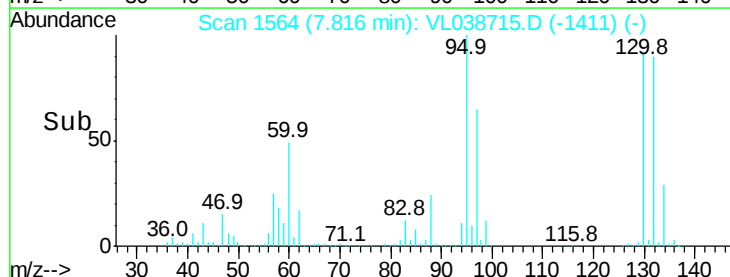
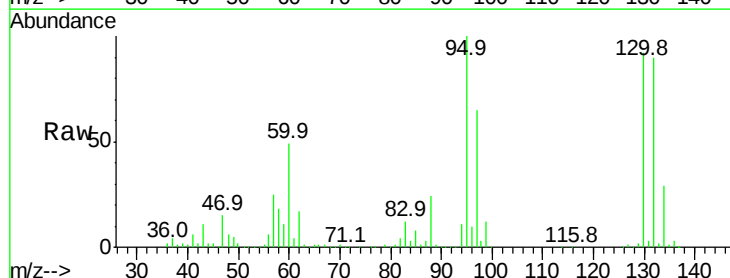
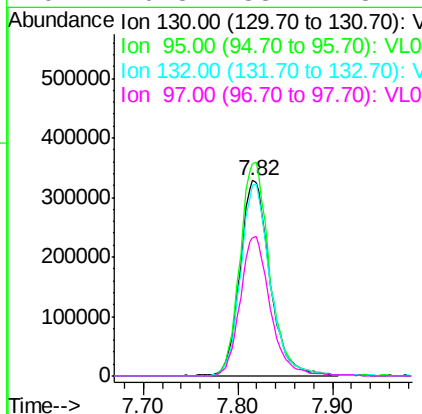
Manual Integrations
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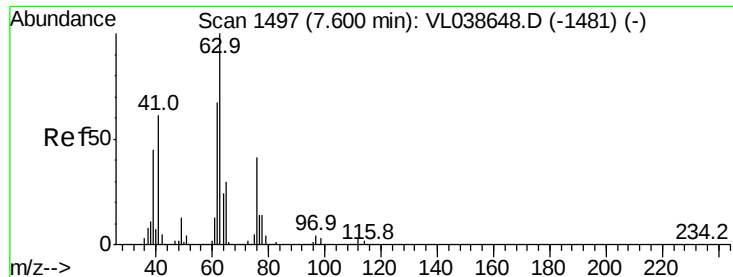
Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#38
 Trichloroethene
 Concen: 10.36 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: VL038715.D
 Acq: 23 Mar 2022 14:04

Tgt Ion:130 Resp: 718716
 Ion Ratio Lower Upper
 130 100
 95 108.7 88.9 133.3
 132 98.0 77.4 116.0
 97 70.8 58.2 87.4





#39

1,2-Dichloropropane

Concen: 9.81 ppbv

RT: 7.60

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Mar 2022 14:04

Tgt Ion:

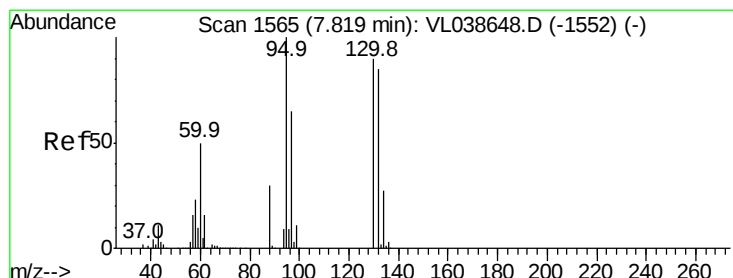
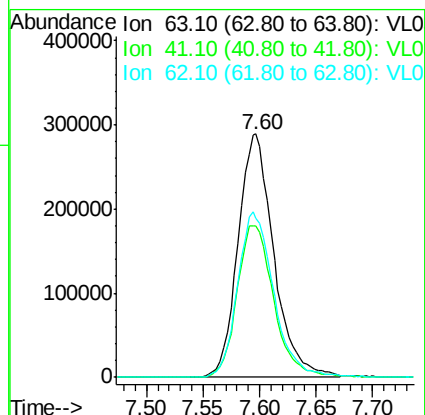
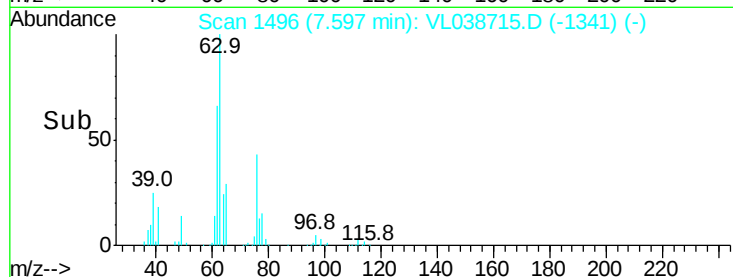
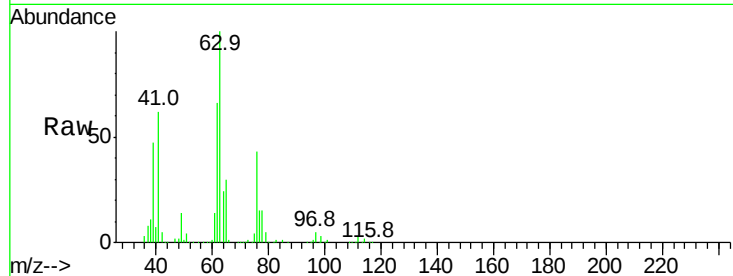
Ion	Ratio
63	100
41	62.
62	65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#40

1,4-Dioxane

Concen: 10.11 ppbv

RT: 7.81 min Scan# 1563

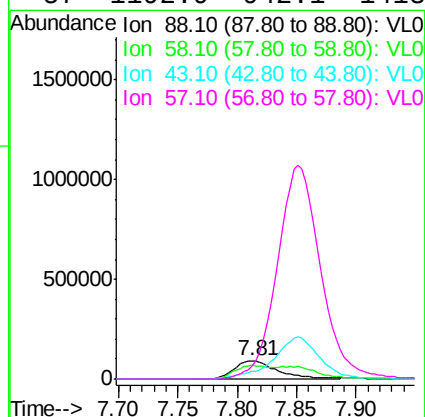
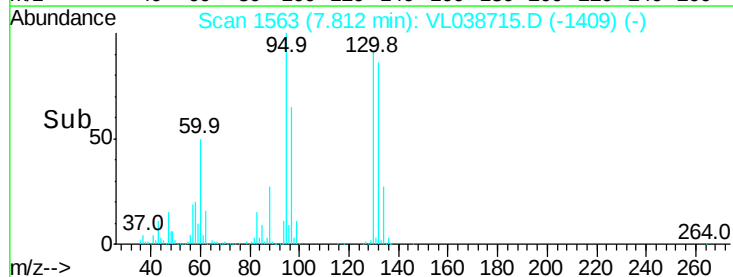
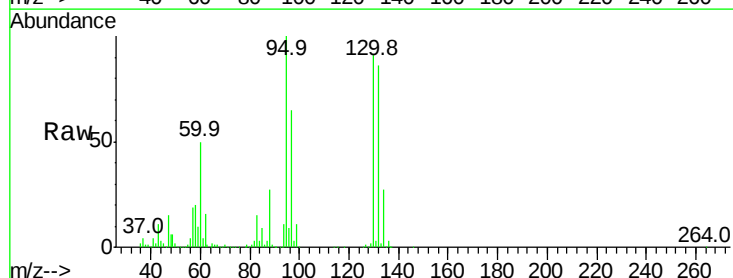
Delta R.T. -0.01 min

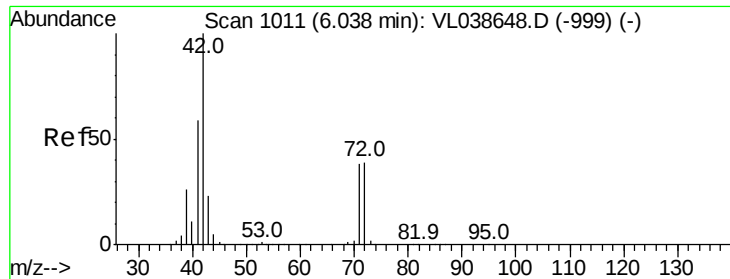
Lab File: VL038715.D

Acq: 23 Mar 2022 14:04

Tgt Ion: 88 Resp: 227213

Ion	Ratio	Lower	Upper
88	100		
58	129.4	105.6	158.4
43	249.4	201.9	302.9
57	1192.9	942.1	1413.1



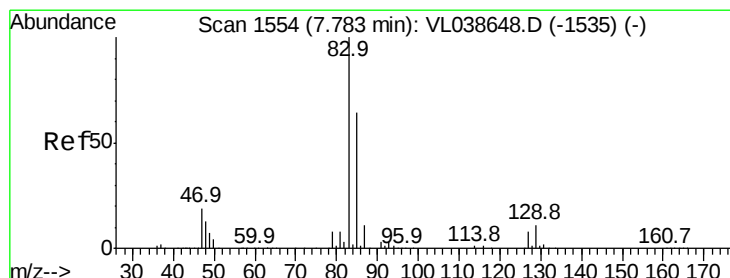
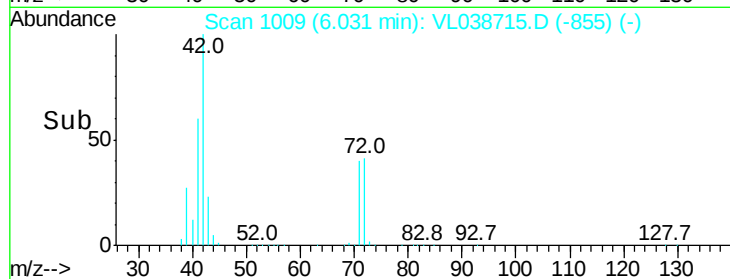
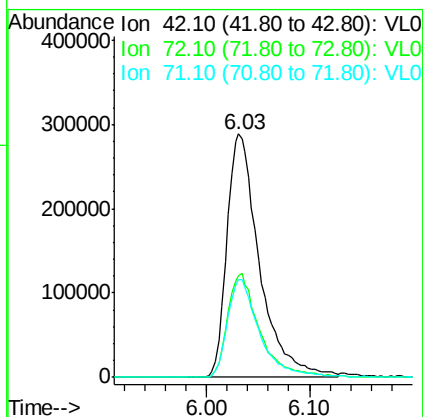
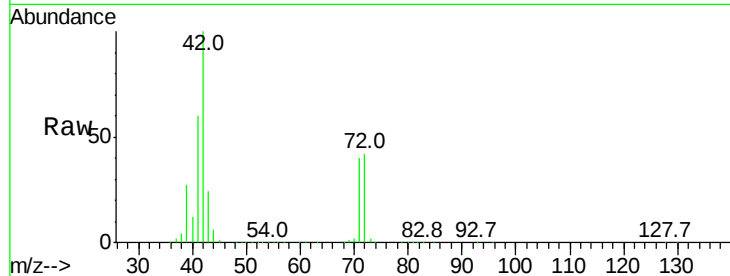


#41
Tetrahydrofuran
Concen: 10.05 ppbv
RT: 6.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Mar 2022 14:04

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

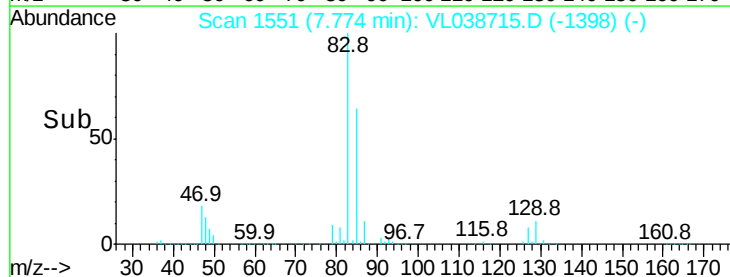
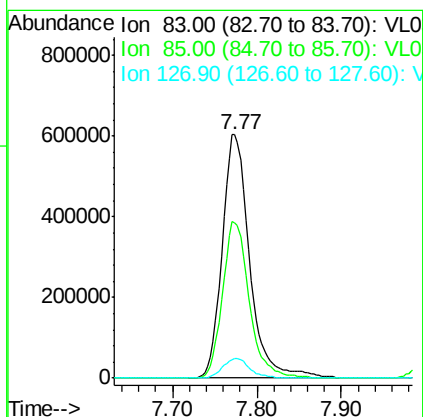
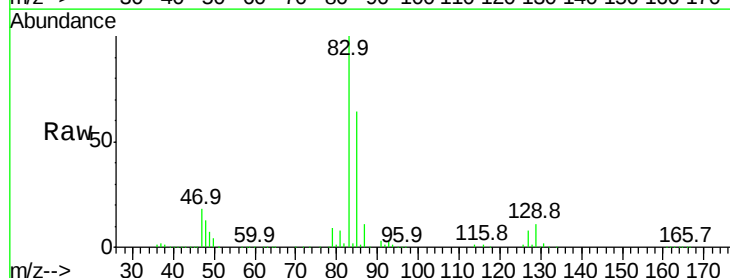
Manual Integrations
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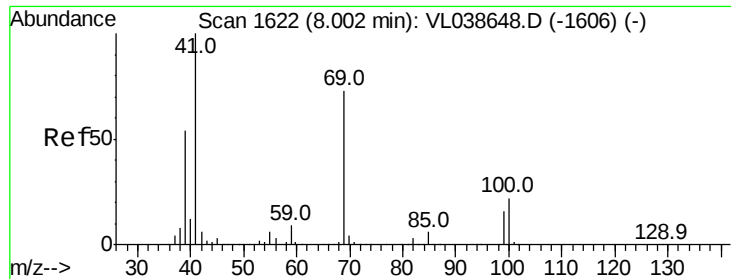
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#42
Bromodichloromethane
Concen: 10.82 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.01 min
Lab File: VL038715.D
Acq: 23 Mar 2022 14:04

Tgt Ion: 83 Resp: 1366542
Ion Ratio Lower Upper
83 100
85 63.7 51.1 76.7
127 8.3 6.5 9.7



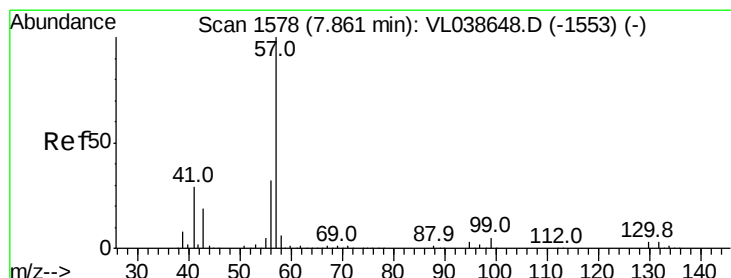
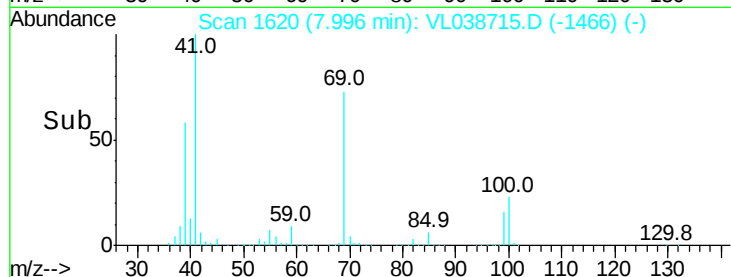
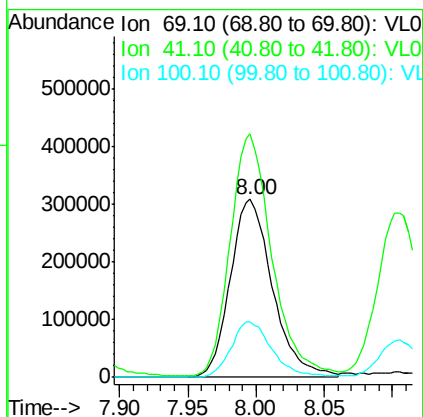
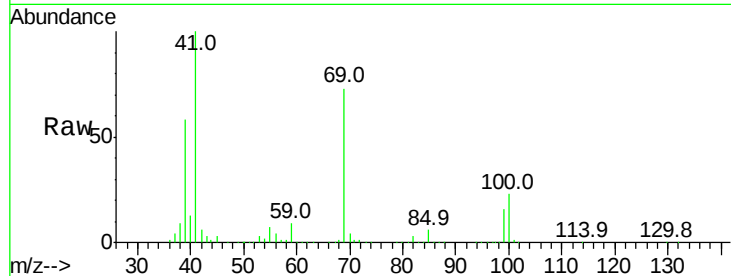


#43
Methyl Methacrylate
Concen: 10.77 ppbv
RT: 8.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 23 Mar 2022 14:04

Tgt Ion:
Ion Ratio
69 100
41 136.
100 30.

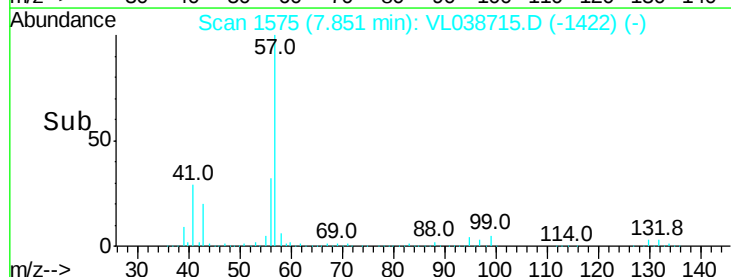
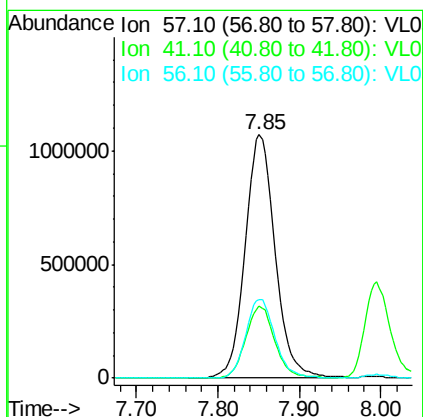
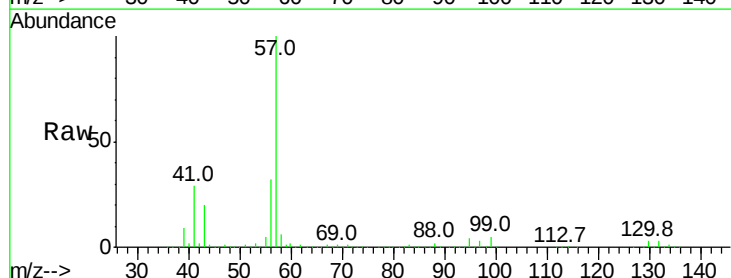
Manual Integrations
APPROVED

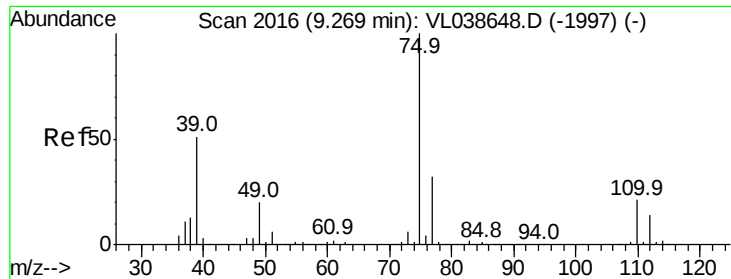
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#44
2,2,4-Trimethylpentane
Concen: 9.73 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VL038715.D
Acq: 23 Mar 2022 14:04

Tgt Ion: 57 Resp: 2705711
Ion Ratio Lower Upper
57 100
41 28.8 23.0 34.4
56 31.6 25.3 37.9



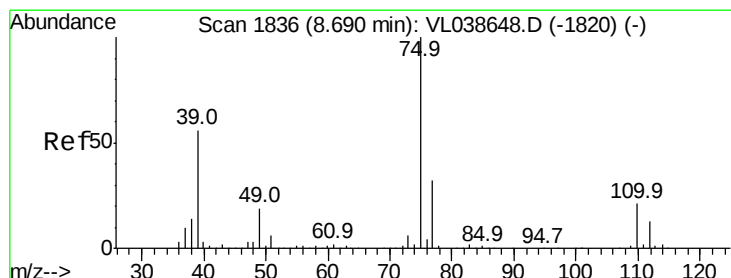
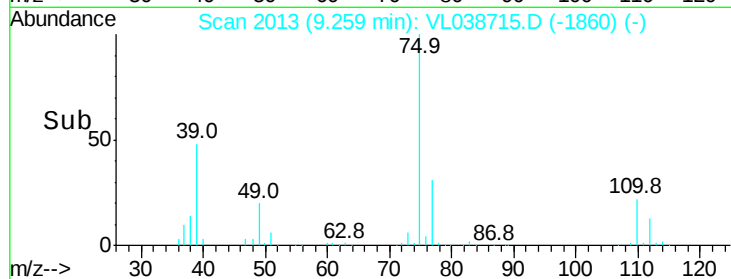
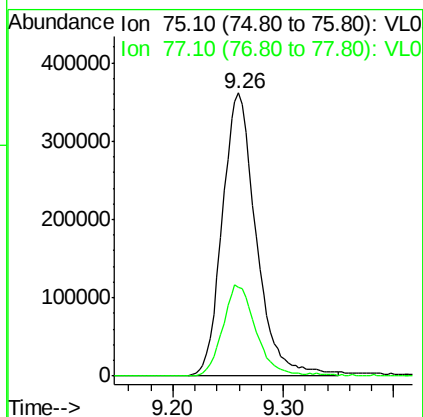
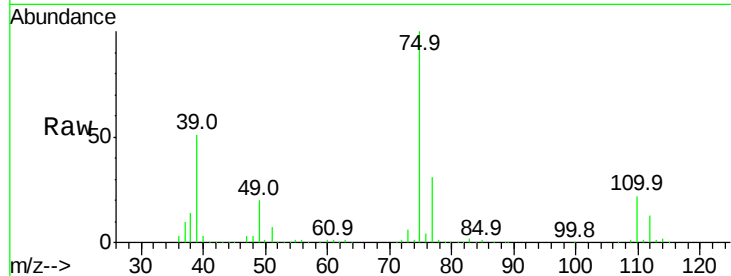


#45
 t-1,3-Dichloropropene
 Concen: 12.37 ppbv
 RT: 9.26
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Mar 2022 14:04

Tgt Ion:
 Ion Ratio
 75 100
 77 31.

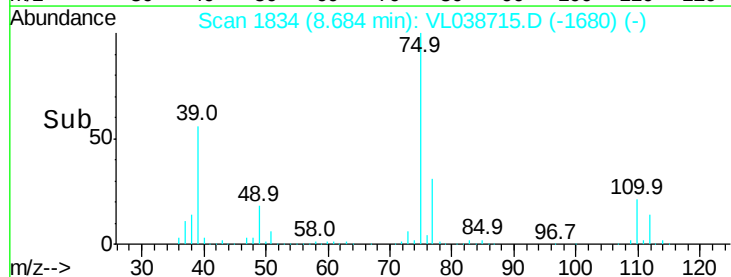
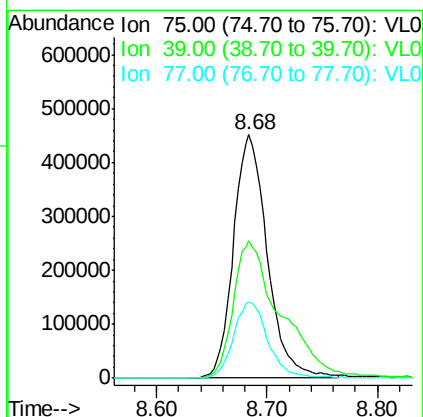
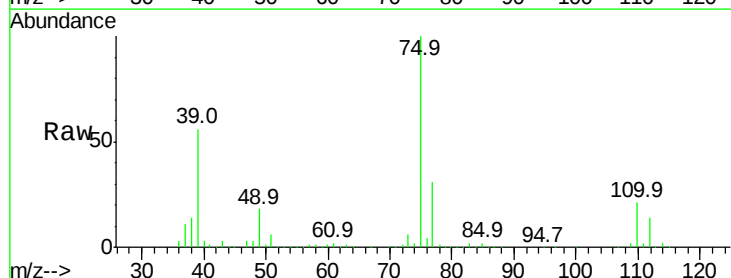
Manual Integrations
 APPROVED

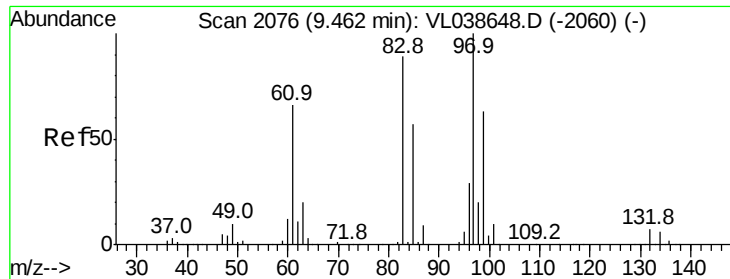
Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#46
 cis-1,3-Dichloropropene
 Concen: 11.34 ppbv
 RT: 8.68 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: VL038715.D
 Acq: 23 Mar 2022 14:04

Tgt Ion: 75 Resp: 958320
 Ion Ratio Lower Upper
 75 100
 39 56.1 44.8 67.2
 77 31.4 25.4 38.0



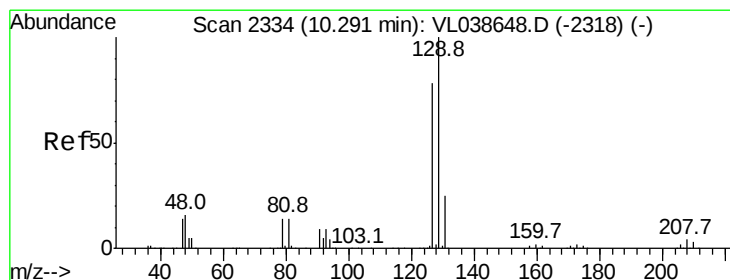
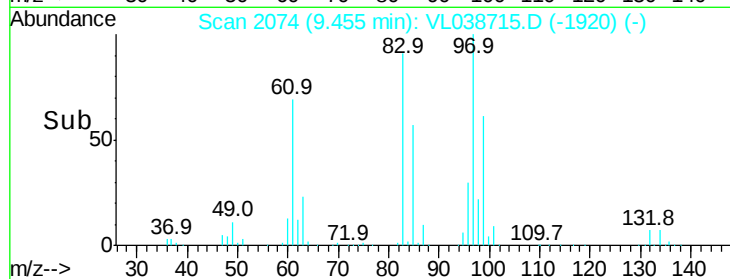
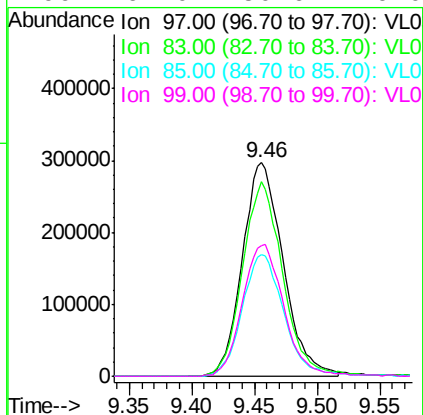
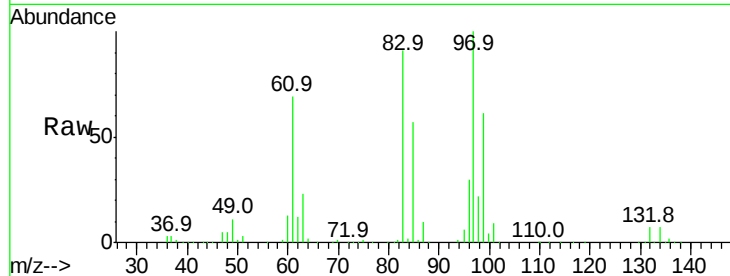


#47
 1,1,2-Trichloroethane
 Concen: 9.70 ppbv
 RT: 9.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Mar 2022 14:04

Tgt Ion:
 Ion Ratio
 97 100
 83 91.
 85 57.
 99 61.0 50.6 76.0

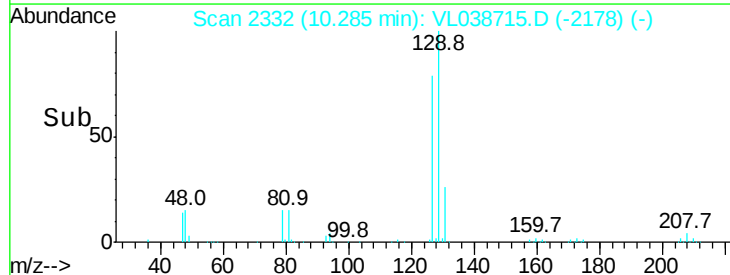
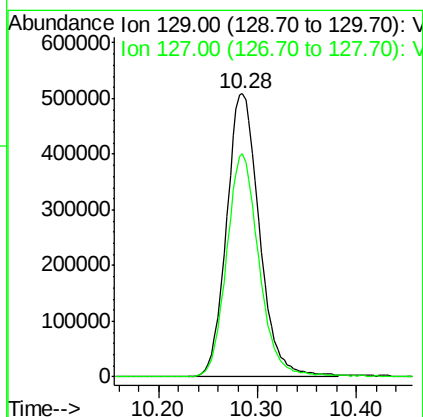
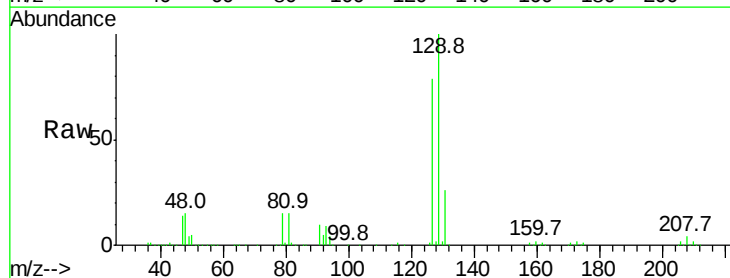
Manual Integrations
 APPROVED

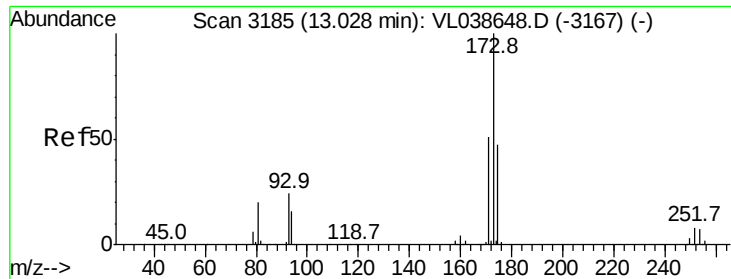
Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#48
 Dibromochloromethane
 Concen: 10.94 ppbv
 RT: 10.28 min Scan# 2332
 Delta R.T. -0.01 min
 Lab File: VL038715.D
 Acq: 23 Mar 2022 14:04

Tgt Ion:129 Resp: 1184473
 Ion Ratio Lower Upper
 129 100
 127 78.2 39.5 118.5



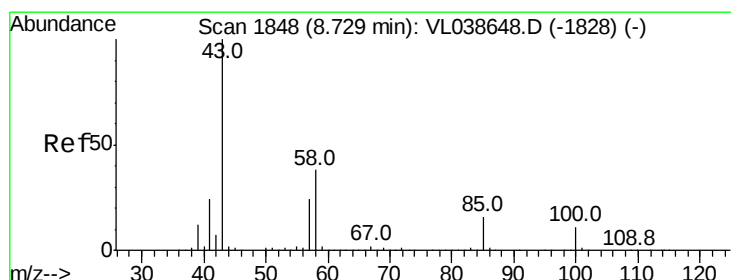
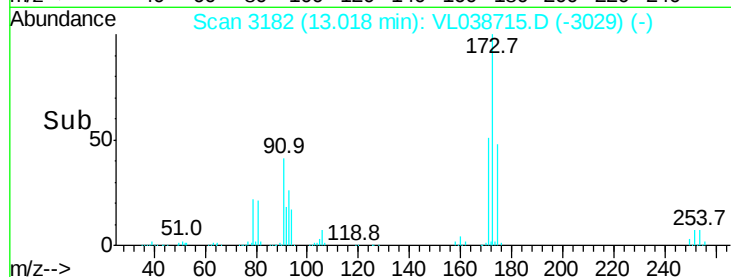
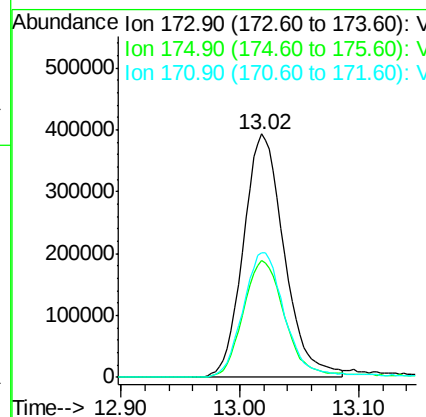
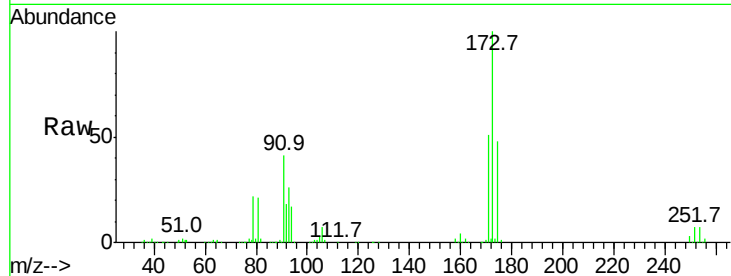


#49
Bromoform
Concen: 10.61 ppbv
RT: 13.02
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Mar 2022 14:04

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

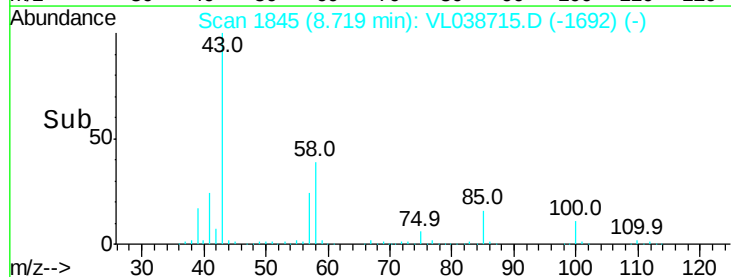
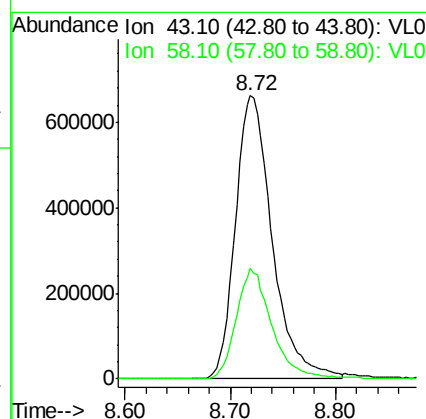
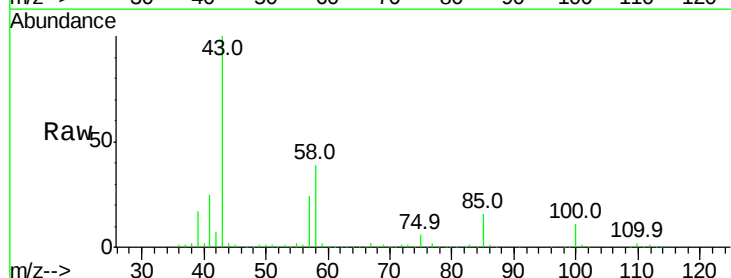
Manual Integrations
APPROVED

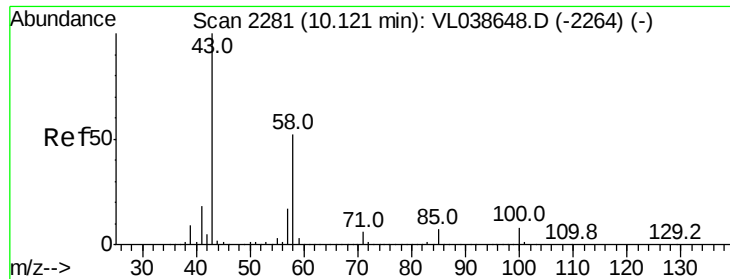
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#50
4-Methyl-2-Pentanone
Concen: 10.16 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. -0.01 min
Lab File: VL038715.D
Acq: 23 Mar 2022 14:04

Tgt Ion: 43 Resp: 1603343
Ion Ratio Lower Upper
43 100
58 37.8 29.9 44.9





#51

2-Hexanone

Concen: 10.87 ppbv

RT: 10.11

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Mar 2022 14:04

Tgt Ion:

Ion Ratio

43 100

58 52.

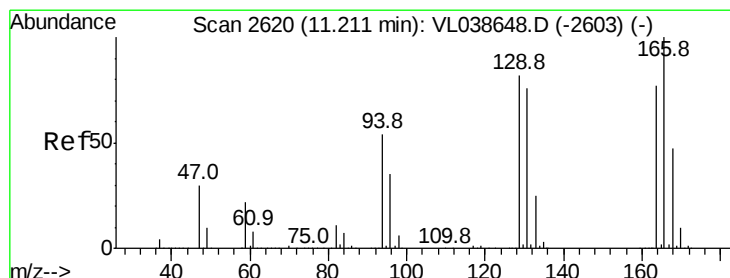
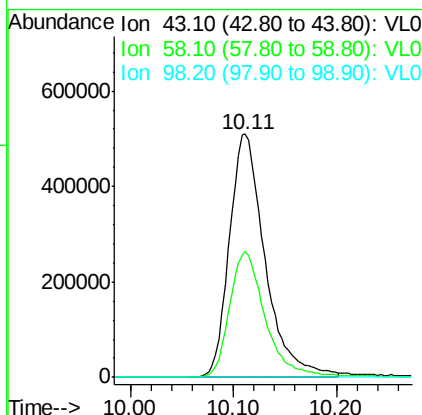
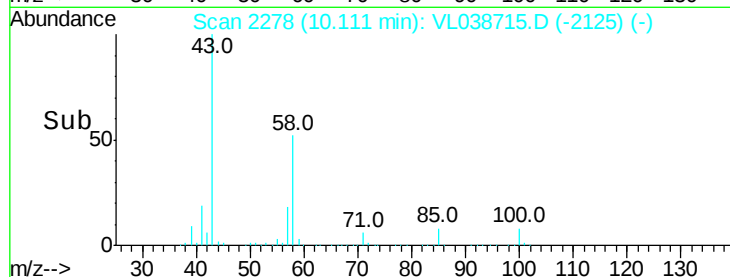
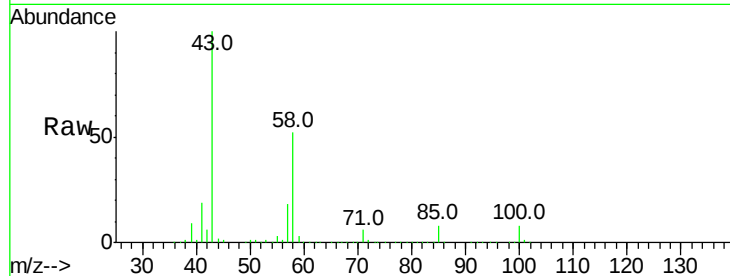
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#52

Tetrachloroethene

Concen: 9.89 ppbv

RT: 11.20 min Scan# 2617

Delta R.T. -0.01 min

Lab File: VL038715.D

Acq: 23 Mar 2022 14:04

Tgt Ion:164 Resp: 599010

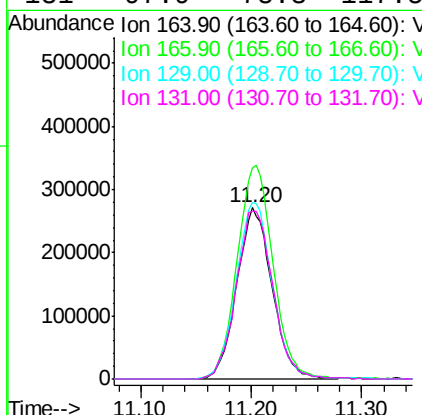
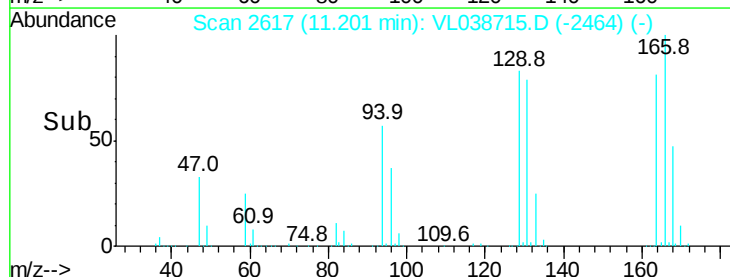
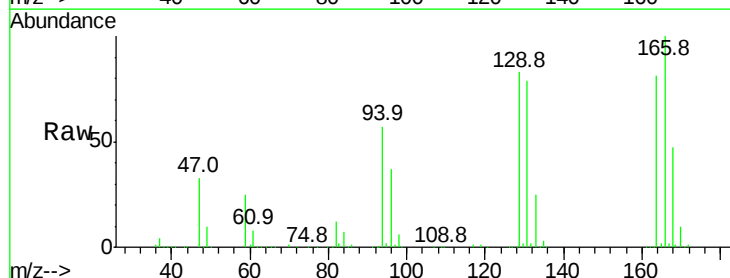
Ion Ratio Lower Upper

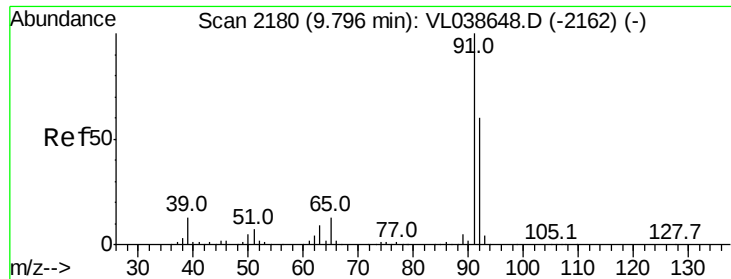
164 100

166 123.6 103.3 154.9

129 103.1 85.2 127.8

131 97.9 78.3 117.5





#53

Toluene

Concen: 10.54 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Mar 2022 14:04

Tgt Ion:

Ion Ratio

91 100

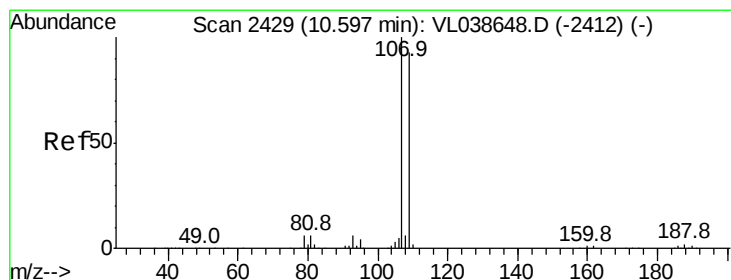
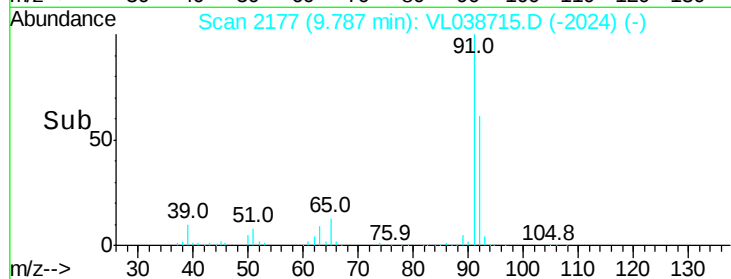
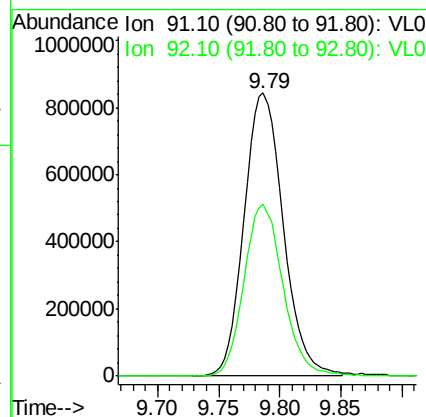
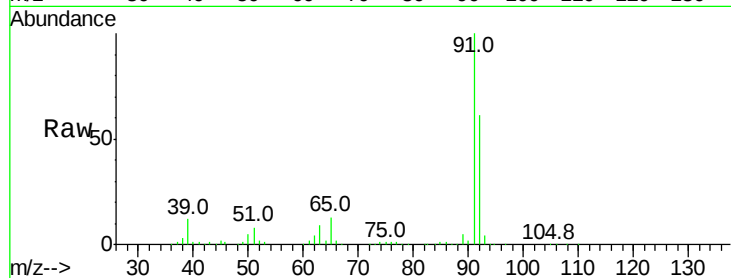
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#54

1,2-Dibromoethane

Concen: 10.48 ppbv

RT: 10.59 min Scan# 2427

Delta R.T. -0.01 min

Lab File: VL038715.D

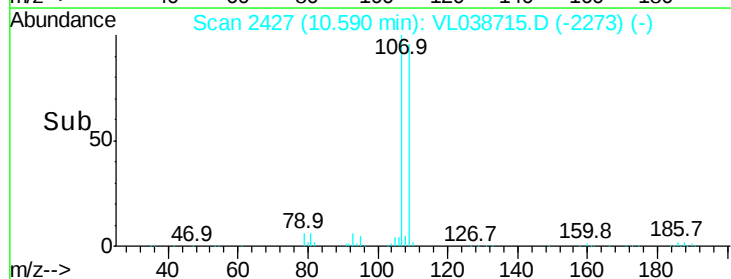
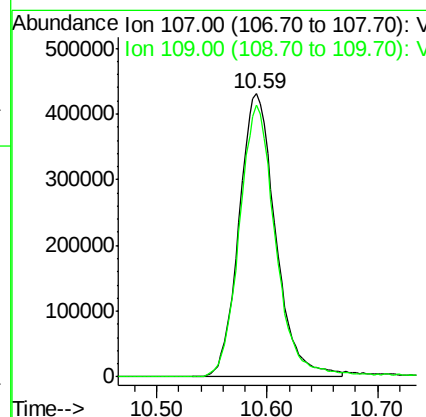
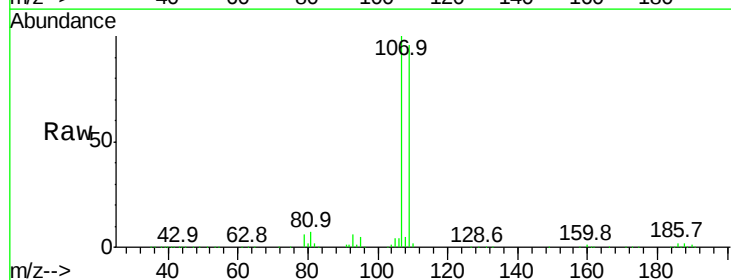
Acq: 23 Mar 2022 14:04

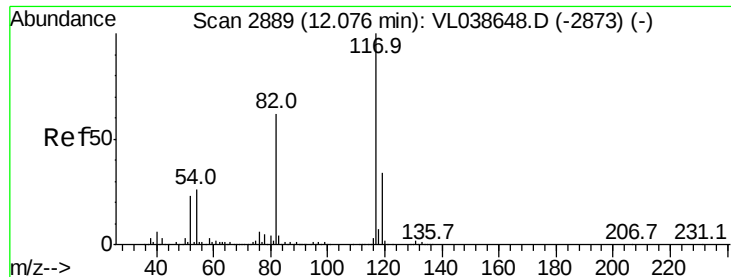
Tgt Ion:107 Resp: 988846

Ion Ratio Lower Upper

107 100

109 96.2 74.1 111.1





#55

Chlorobenzene-d5

Concen: 10.00 ppbv m

RT: 12.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Mar 2022 14:04

Tgt Ion:1

Ion Rati

117 100

82 62.

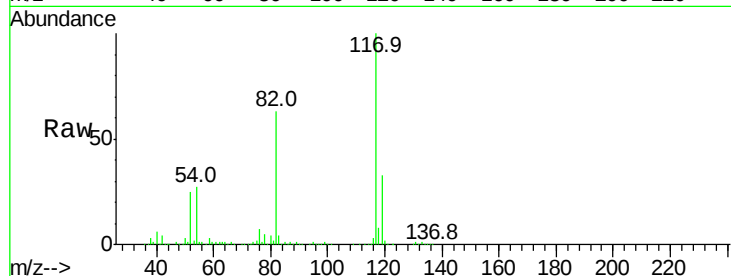
119 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

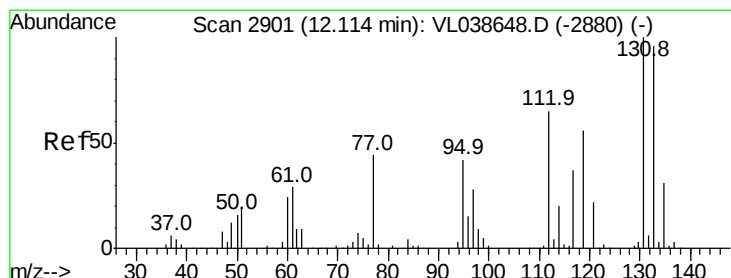
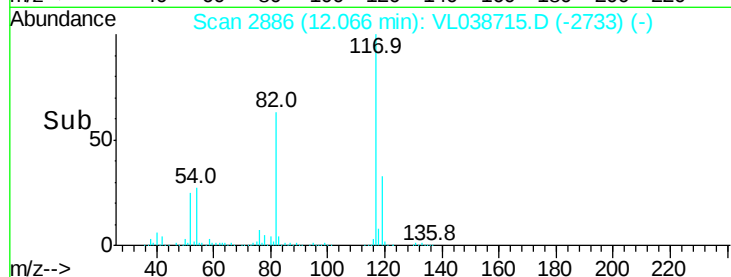
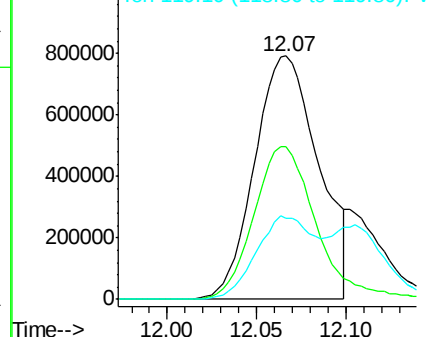
Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 9.89 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. -0.01 min

Lab File: VL038715.D

Acq: 23 Mar 2022 14:04

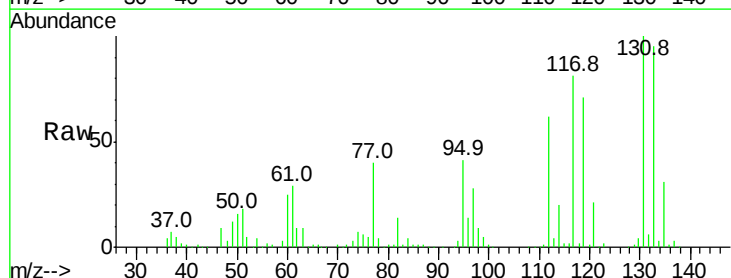
Tgt Ion:131 Resp: 807684

Ion Ratio Lower Upper

131 100

133 98.5 77.3 115.9

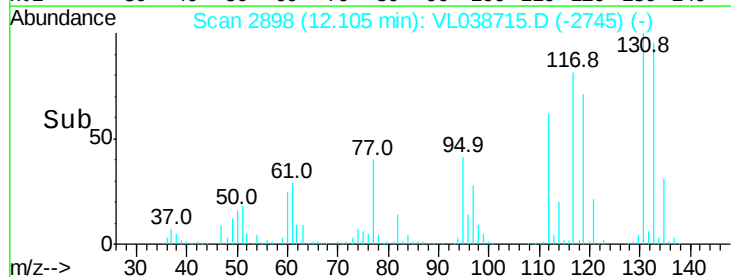
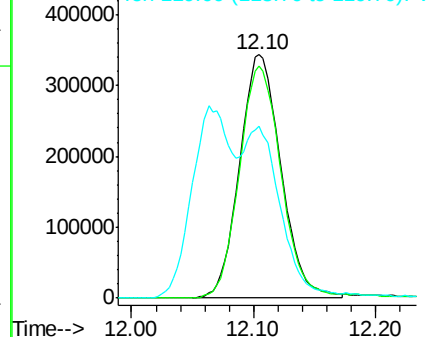
119 64.2 53.0 79.6

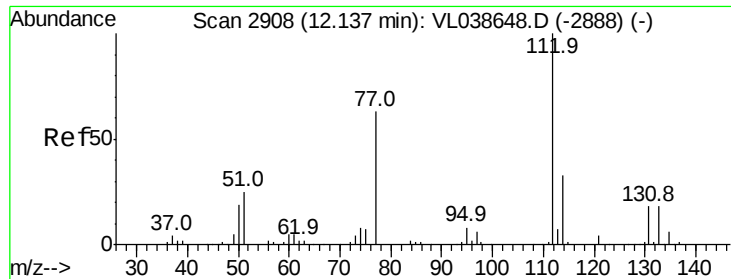


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



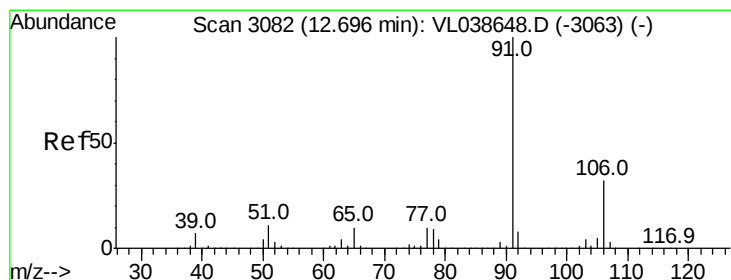
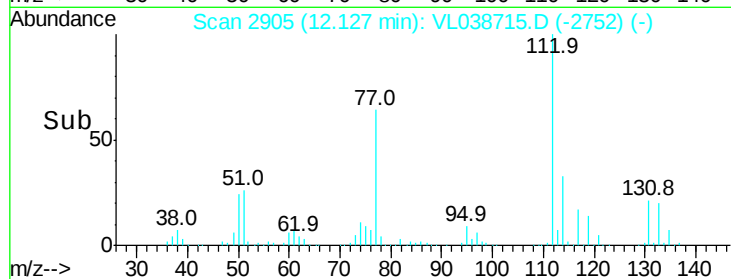
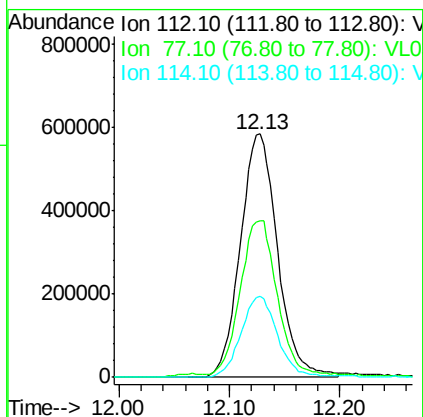
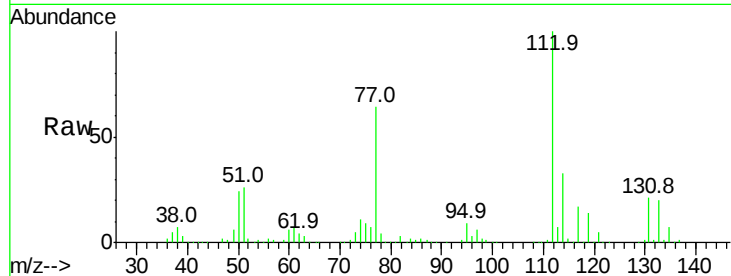


#57
Chlorobenzene
Concen: 9.60 ppbv
RT: 12.13 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 23 Mar 2022 14:04

Tgt Ion: 112.10
Ion Ratio: 100
77 63.1
114 32.1

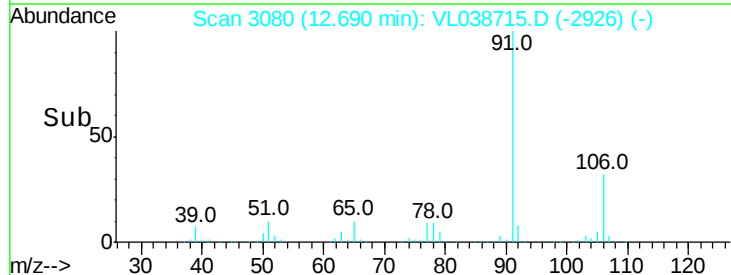
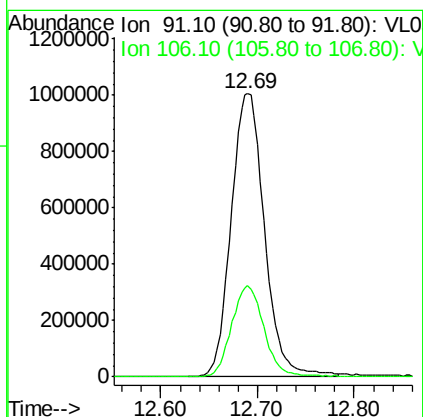
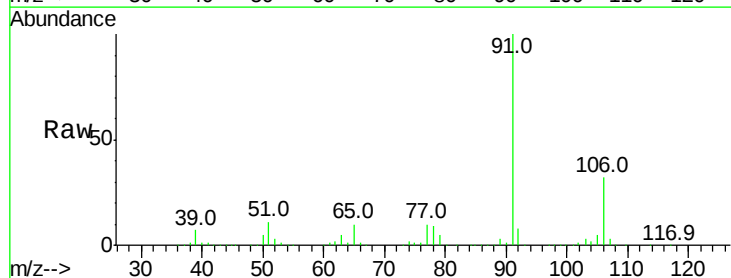
Manual Integrations
APPROVED

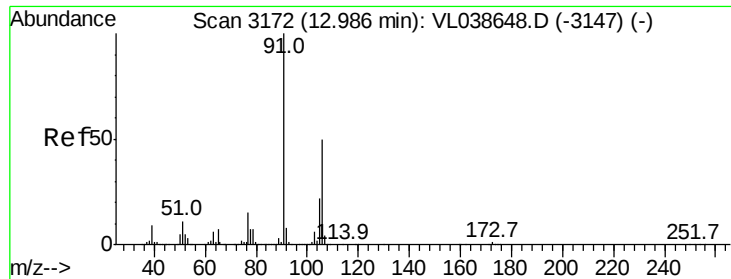
Reviewed By : Semsettin Yesilyurt 03/24/2022
Supervised By : Mahesh Dadoda 03/28/2022



#58
Ethyl Benzene
Concen: 10.47 ppbv
RT: 12.69 min Scan# 3080
Delta R.T.: -0.01 min
Lab File: VL038715.D
Acq: 23 Mar 2022 14:04

Tgt Ion: 91 Resp: 2410737
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.0



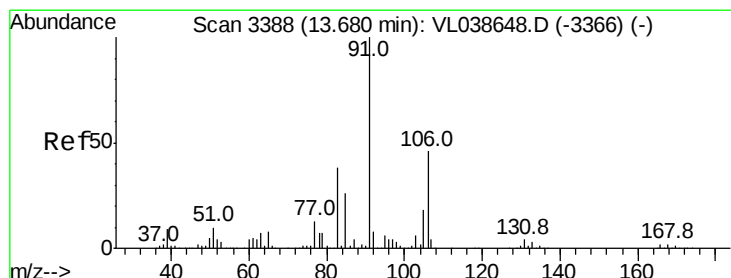
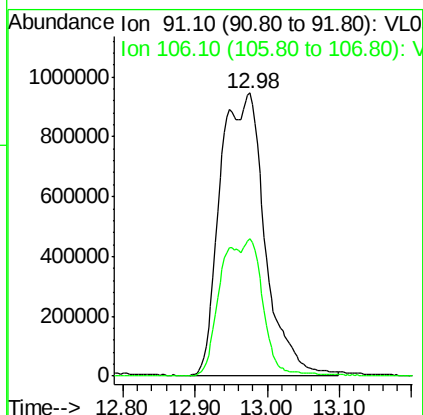
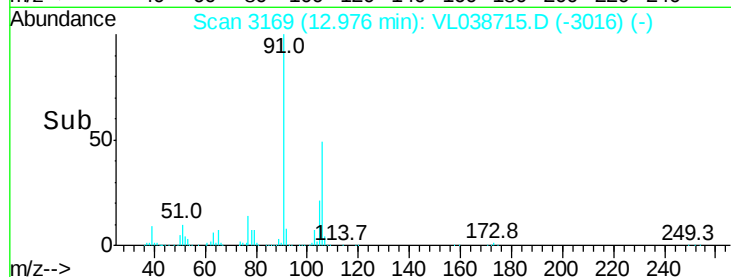
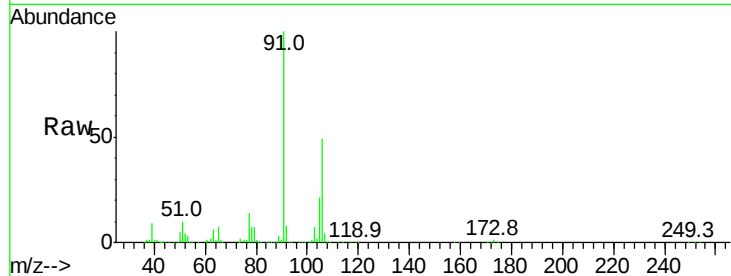


#59
m/p-Xylene
Concen: 20.23 ppbv m
RT: 12.98
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 23 Mar 2022 14:04

Tgt Ion:
Ion Ratio
91 100
106 46.

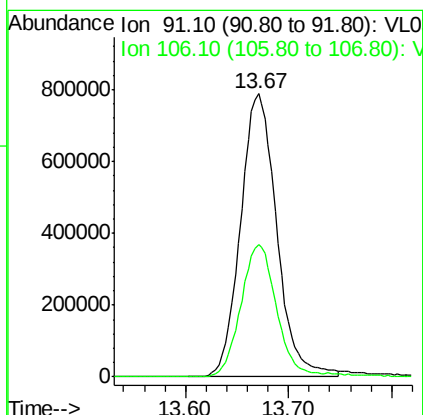
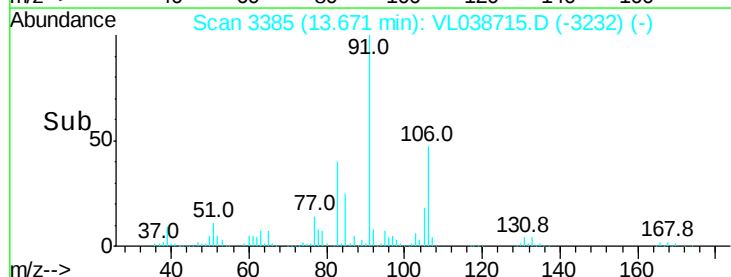
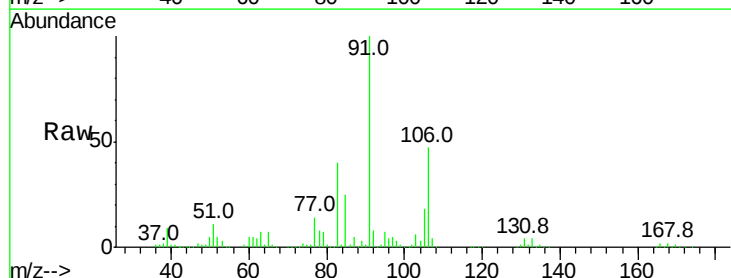
Manual Integrations
APPROVED

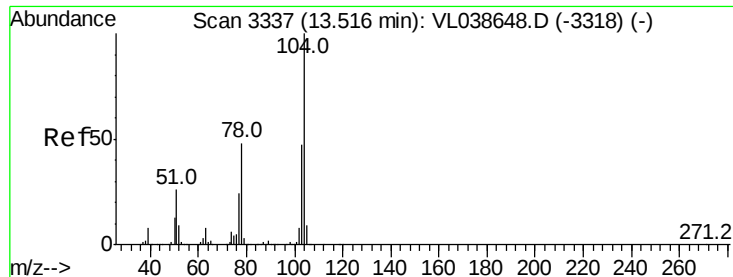
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#60
o-Xylene
Concen: 10.05 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.01 min
Lab File: VL038715.D
Acq: 23 Mar 2022 14:04

Tgt Ion: 91 Resp: 1922838
Ion Ratio Lower Upper
91 100
106 47.5 23.5 70.5





#61

Styrene

Concen: 11.24 ppbv

RT: 13.51

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 14:04

Tgt Ion:1

Ion Ratio

104 100

78 49.

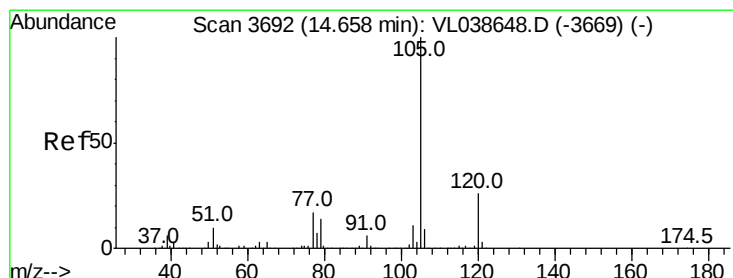
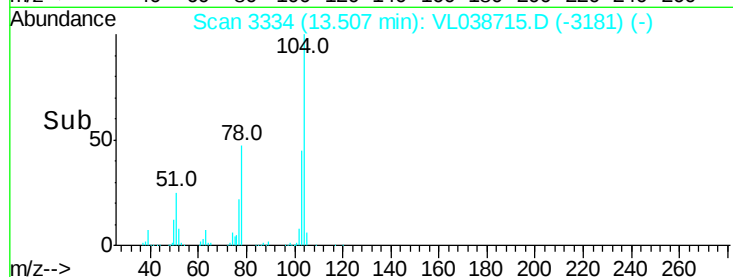
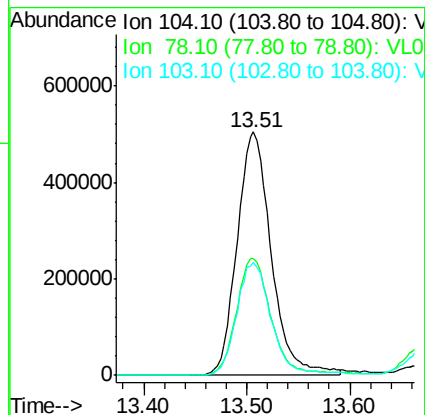
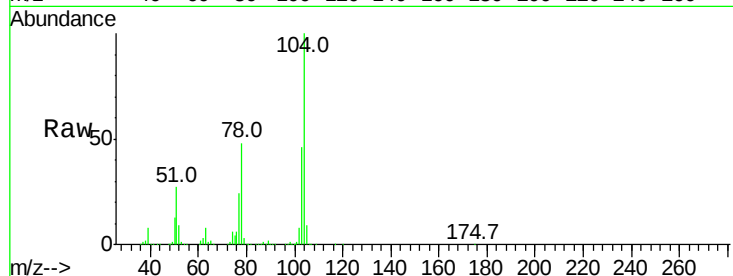
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#62

Isopropylbenzene

Concen: 9.96 ppbv

RT: 14.64 min Scan# 3688

Delta R.T. -0.01 min

Lab File: VL038715.D

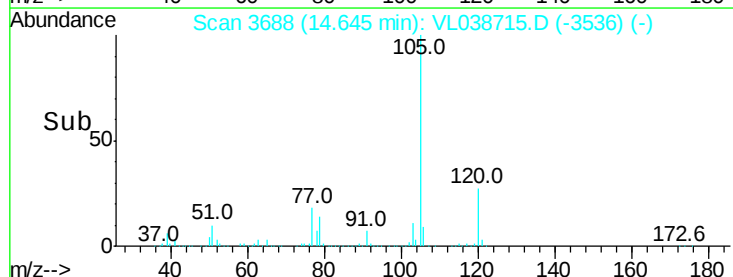
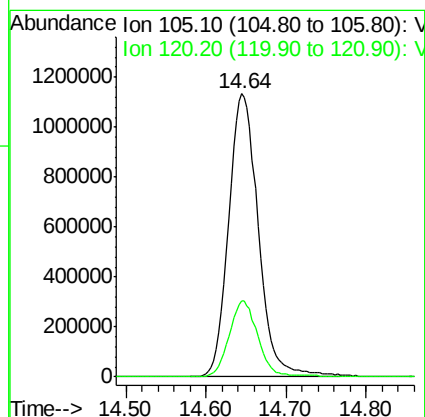
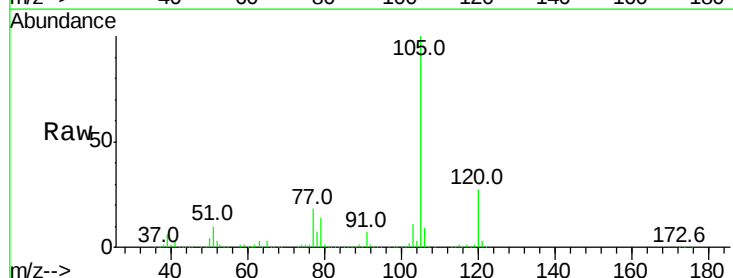
Acq: 23 Mar 2022 14:04

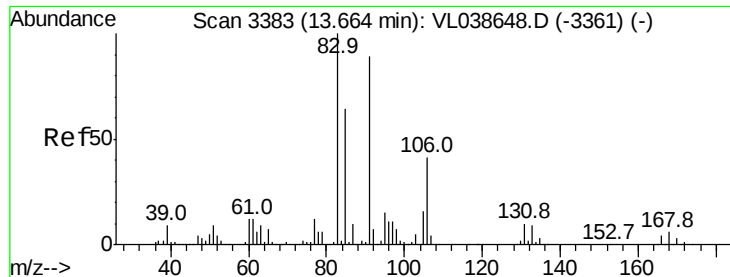
Tgt Ion:105 Resp: 2865409

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8



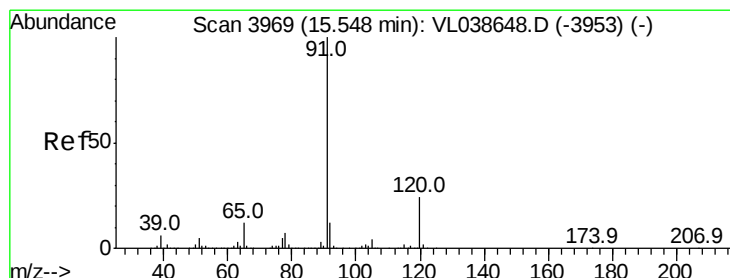
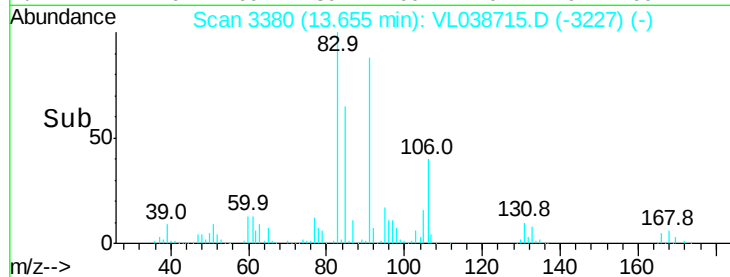
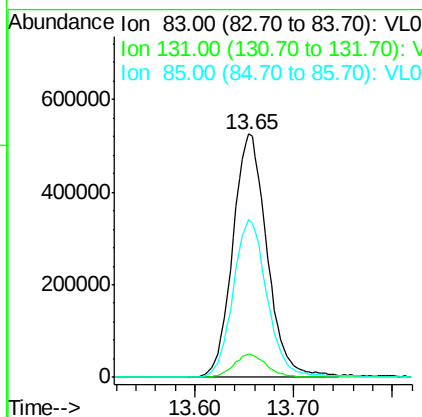
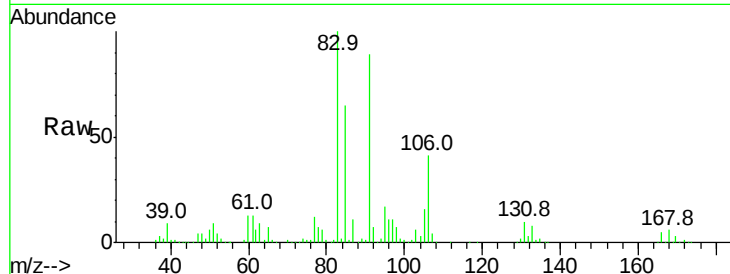


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.53 ppbv
 RT: 13.65 min
 Delta R.T.: 0.01 min
 Lab File: VL038715.D
 Acq: 23 Mar 2022 14:04

Manual Integrations
 APPROVED

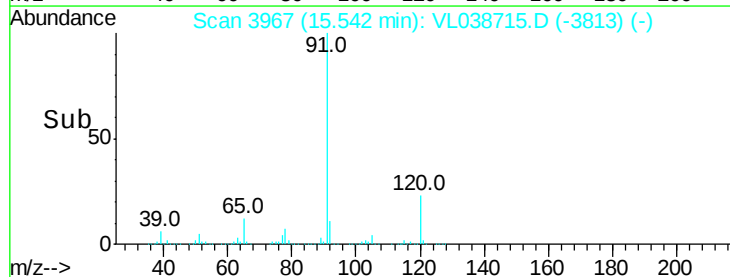
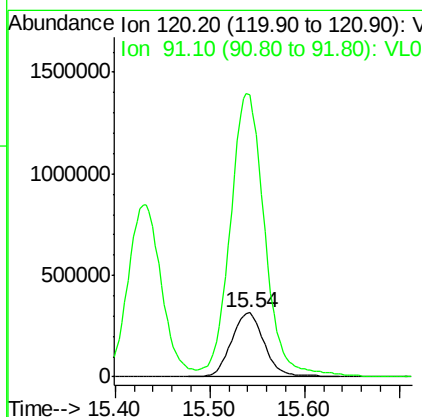
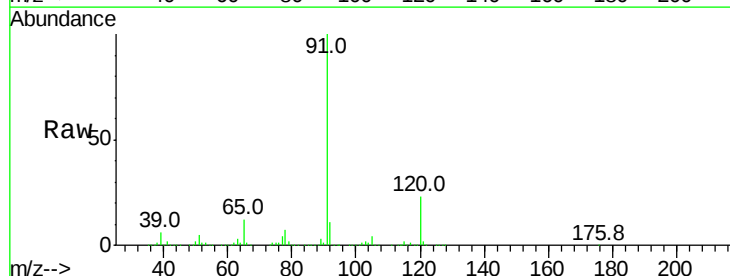
Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/28/2022

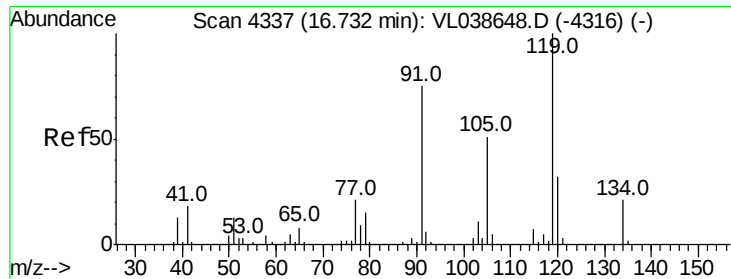
Tgt Ion:
 Ion Ratio
 83 100
 131 9.1
 85 65.1



#64
 n-propylbenzene
 Concen: 10.16 ppbv
 RT: 15.54 min Scan# 3967
 Delta R.T.: -0.01 min
 Lab File: VL038715.D
 Acq: 23 Mar 2022 14:04

Tgt Ion:120 Resp: 766376
 Ion Ratio Lower Upper
 120 100
 91 460.7 368.0 552.0



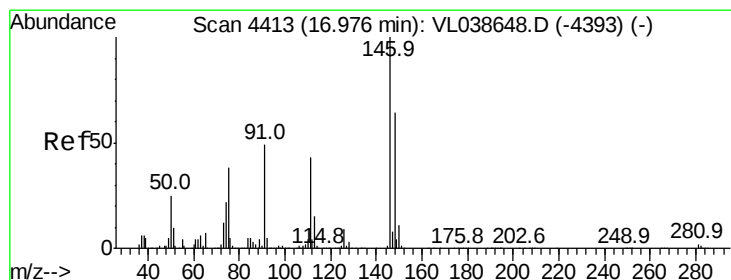
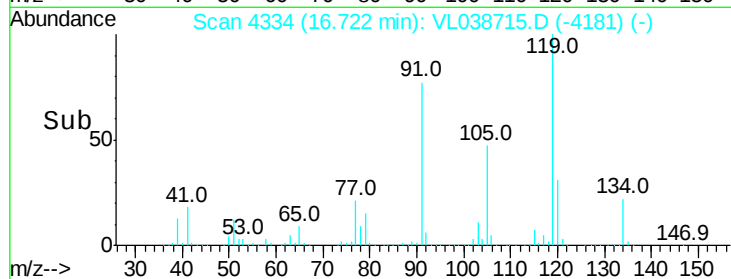
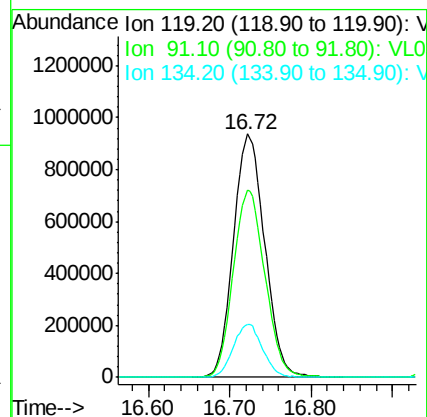
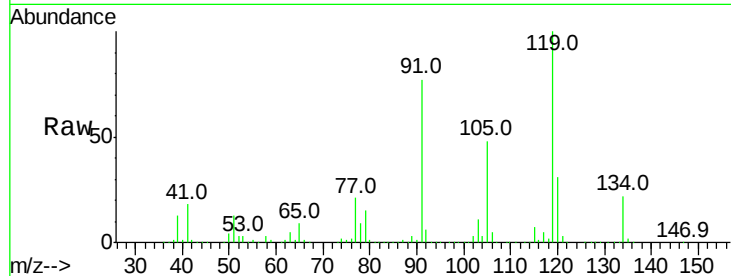


#65
tert-Butylbenzene
Concen: 9.73 ppbv
RT: 16.72 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Mar 2022 14:04

Tgt Ion: 1
Ion Ratio
119 100
91 78.
134 20.

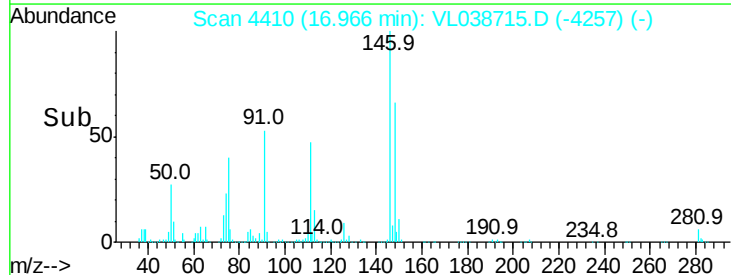
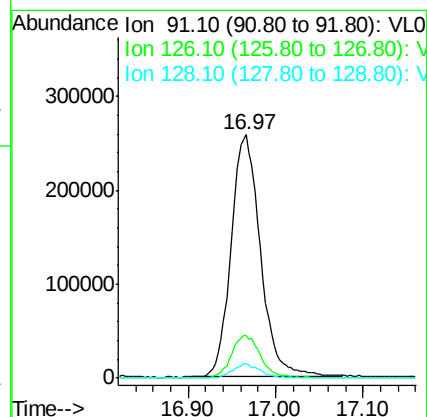
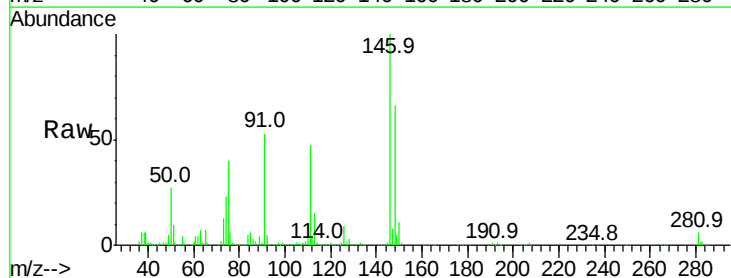
Manual Integrations
APPROVED

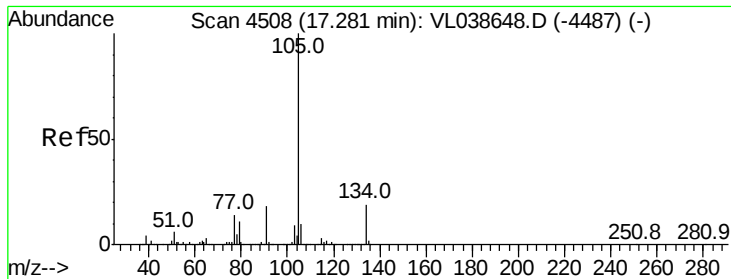
Reviewed By : Semsettin Yesilyurt 03/24/2022
Supervised By : Mahesh Dadoda 03/28/2022



#66
Benzyl Chloride
Concen: 12.35 ppbv
RT: 16.97 min Scan# 4410
Delta R.T.: -0.01 min
Lab File: VL038715.D
Acq: 23 Mar 2022 14:04

Tgt Ion: 91 Resp: 604104
Ion Ratio Lower Upper
91 100
126 17.4 14.3 21.5
128 5.7 4.6 6.8



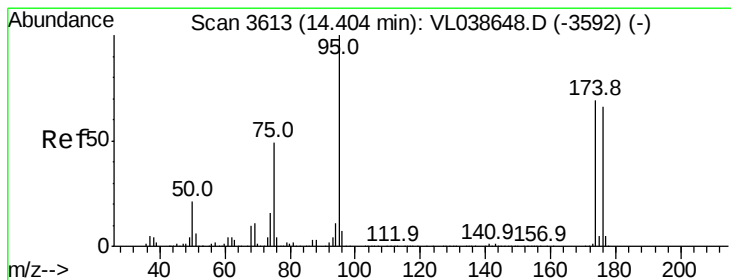
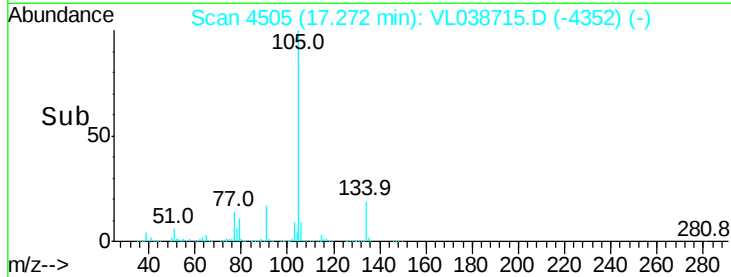
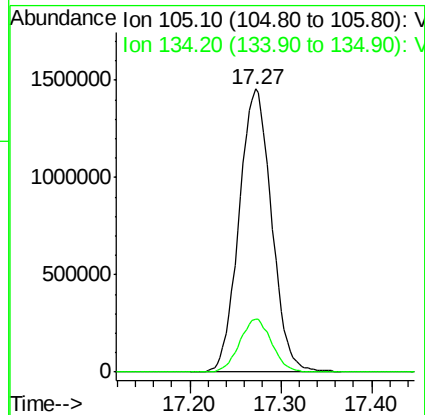
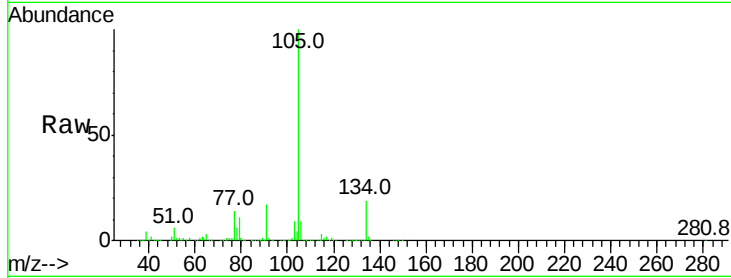


#67
 sec-Butylbenzene
 Concen: 9.77 ppbv
 RT: 17.27 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 23 Mar 2022 14:04

Tgt Ion: 105.10
 Ion Ratio: 100
 105 100
 134 18.

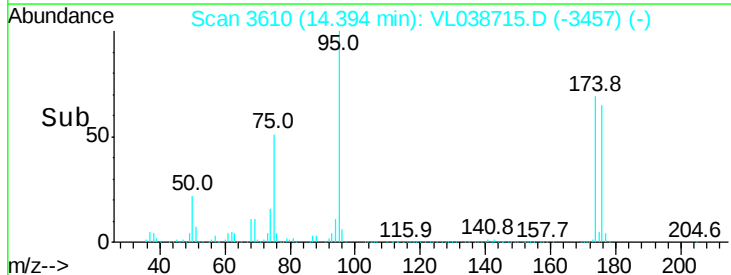
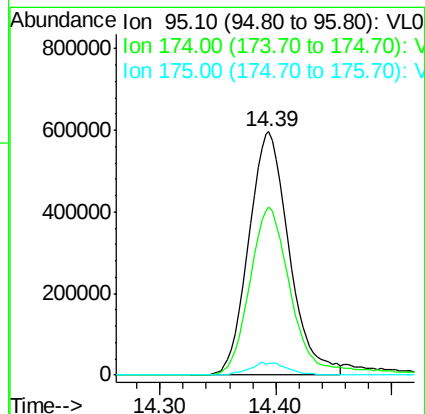
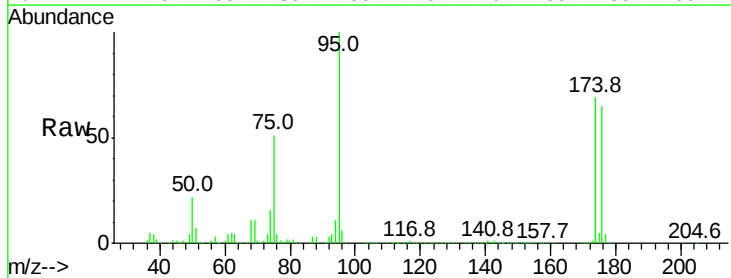
Manual Integrations
 APPROVED

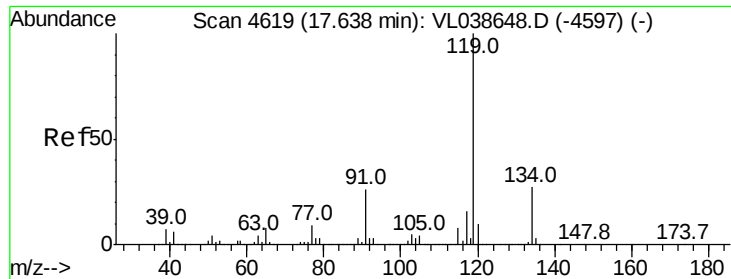
Reviewed By : Semsettin Yesilyurt 03/24/2022
 Supervised By : Mahesh Dadoda 03/28/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.55 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T.: -0.01 min
 Lab File: VL038715.D
 Acq: 23 Mar 2022 14:04

Tgt Ion: 95 Resp: 1442361
 Ion Ratio Lower Upper
 95 100
 174 72.5 56.1 84.1
 175 5.2 4.2 6.2



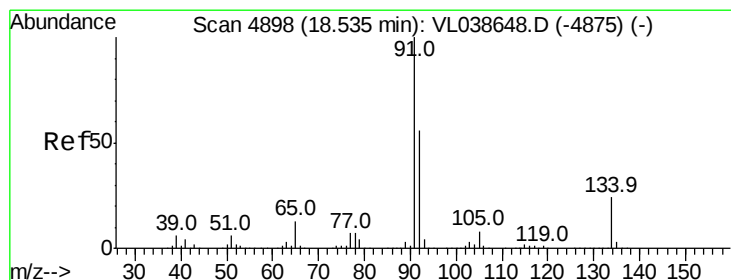
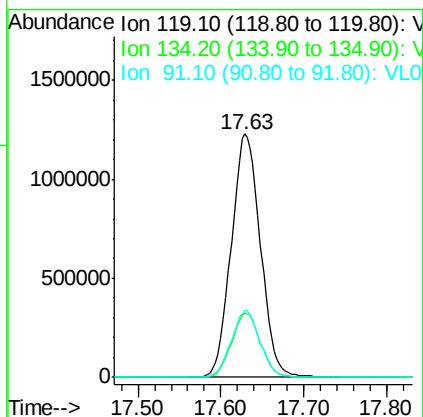
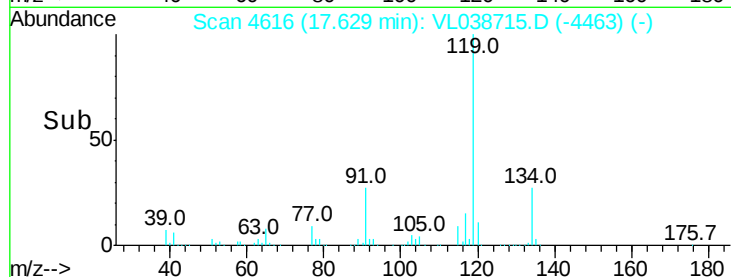
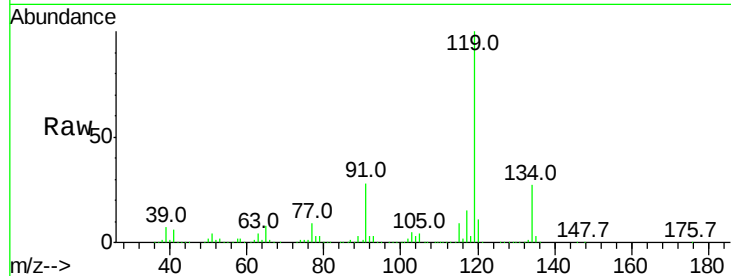


#69
p-Isopropyltoluene
Concen: 9.94 ppbv
RT: 17.63 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Mar 2022 14:04

Tgt Ion: 119.0
Ion Ratio: 100
119 100
134 26.7
91 27.7

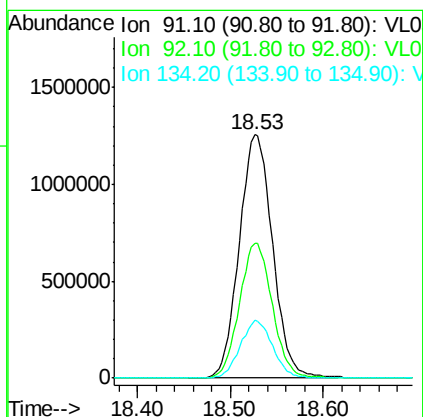
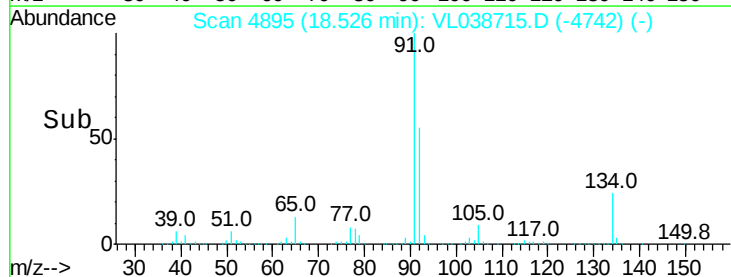
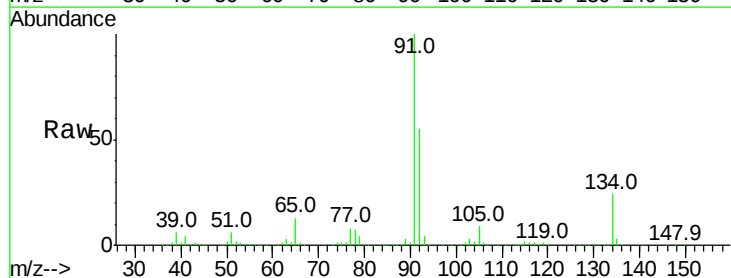
Manual Integrations
APPROVED

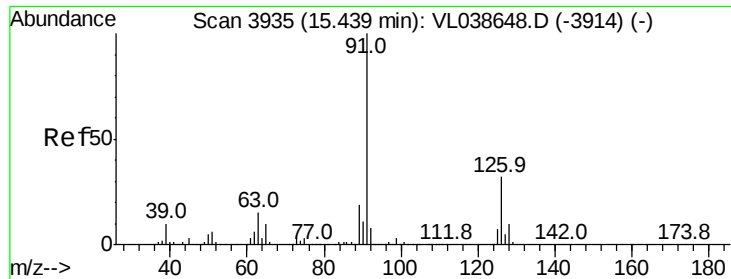
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
n-Butylbenzene
Concen: 10.08 ppbv
RT: 18.53 min Scan# 4895
Delta R.T. -0.01 min
Lab File: VL038715.D
Acq: 23 Mar 2022 14:04

Tgt Ion: 91 Resp: 3134637
Ion Ratio Lower Upper
91 100
92 54.8 43.9 65.9
134 23.2 18.7 28.1





#71

2-Chlorotoluene

Concen: 9.78 ppbv

RT: 15.43

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 14:04

Tgt Ion:

Ion Ratio

91 100

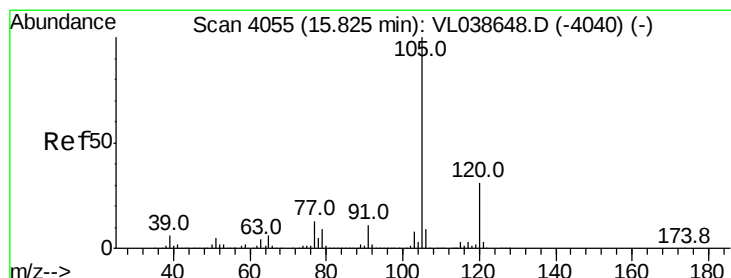
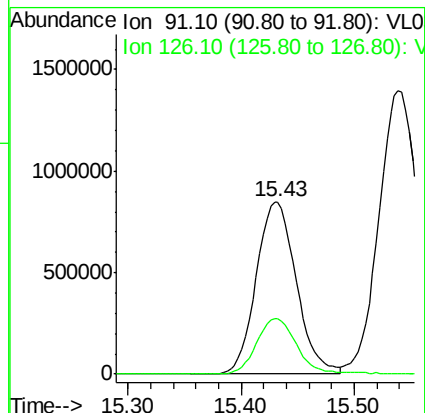
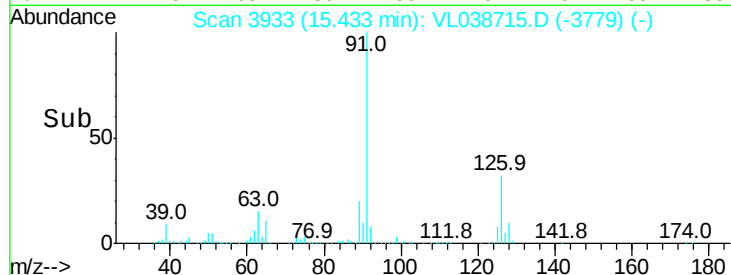
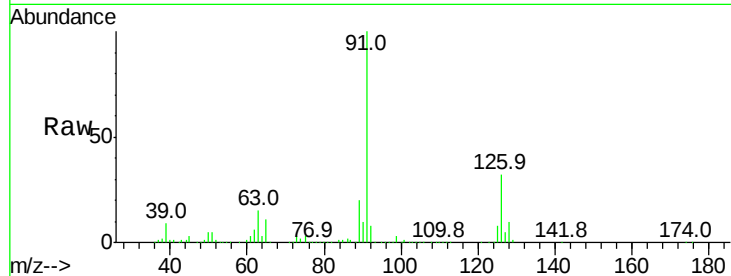
126 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#72

4-Ethyltoluene

Concen: 10.46 ppbv

RT: 15.82 min Scan# 4053

Delta R.T. -0.01 min

Lab File: VL038715.D

Acq: 23 Mar 2022 14:04

Tgt Ion:105 Resp: 2362099

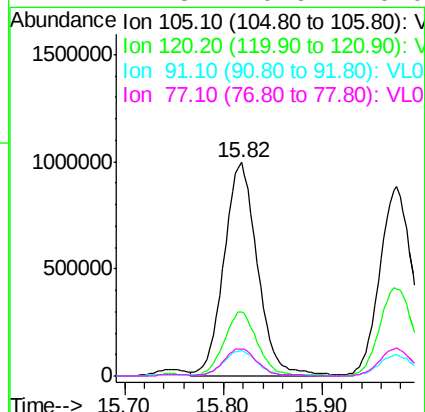
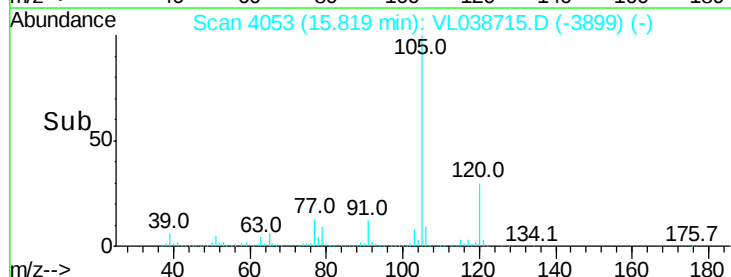
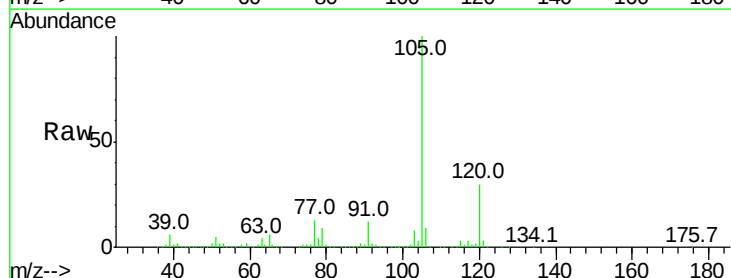
Ion Ratio Lower Upper

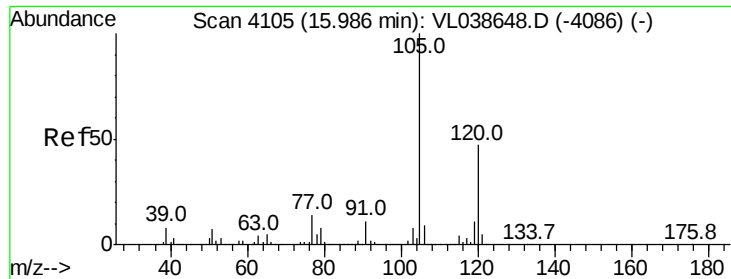
105 100

120 30.2 24.9 37.3

91 11.8 9.8 14.6

77 12.8 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 10.10 ppbv

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 14:04

Tgt Ion:1

Ion Ratio

105 100

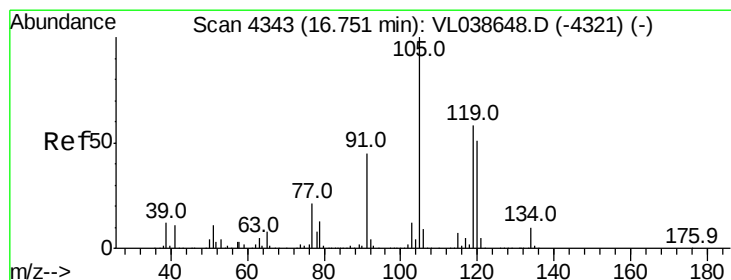
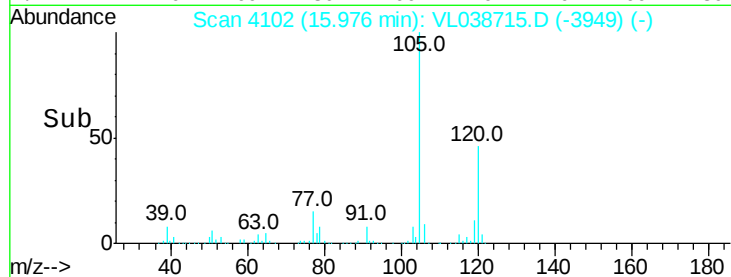
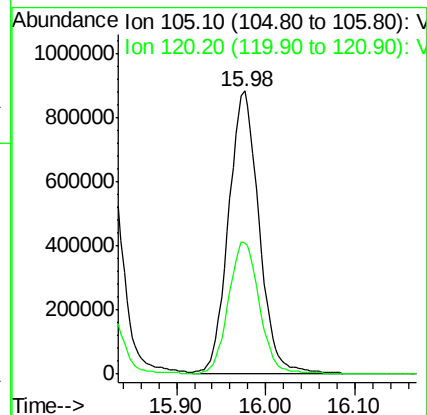
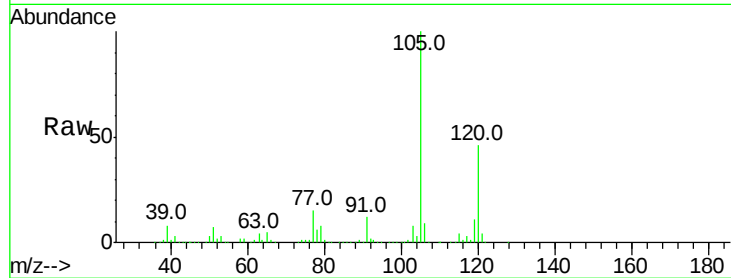
120 46.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/28/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.85 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.01 min

Lab File: VL038715.D

Acq: 23 Mar 2022 14:04

Tgt Ion:105 Resp: 2207922

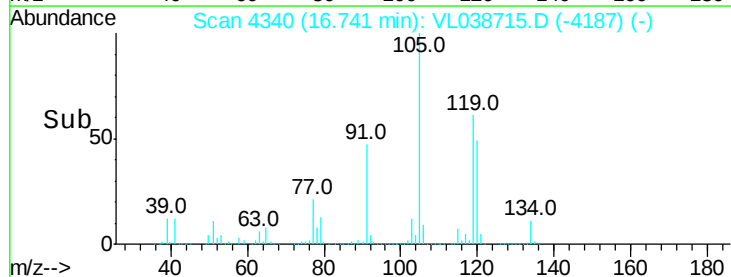
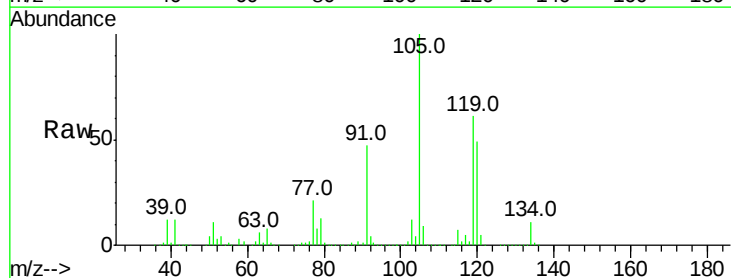
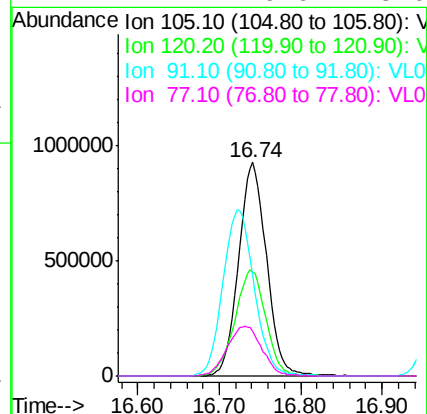
Ion Ratio Lower Upper

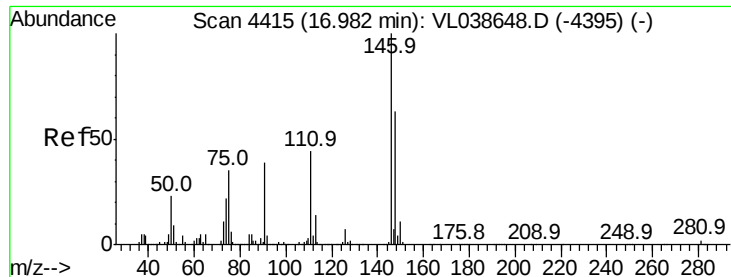
105 100

120 48.7 40.5 60.7

91 47.4 35.9 53.9

77 21.1 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 9.50 ppbv

RT: 16.97

Delta R.T. MSVOA_L

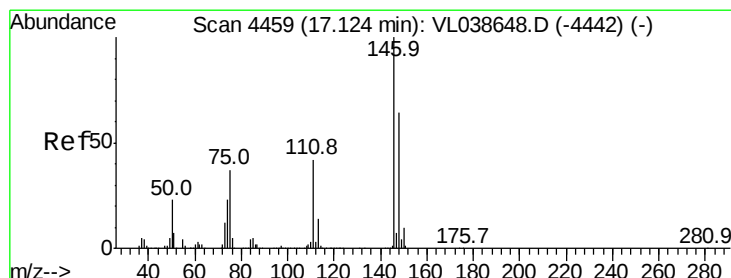
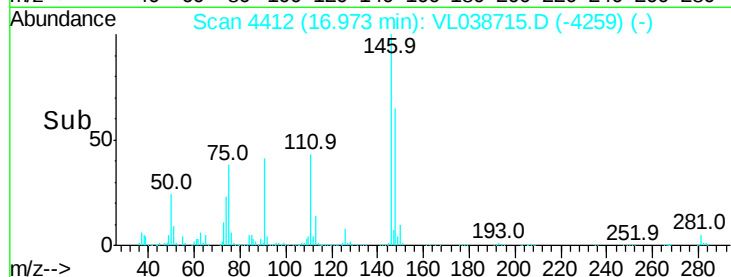
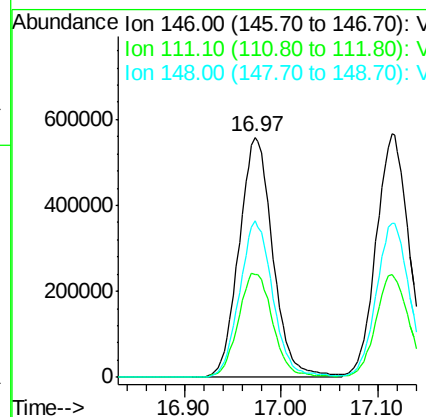
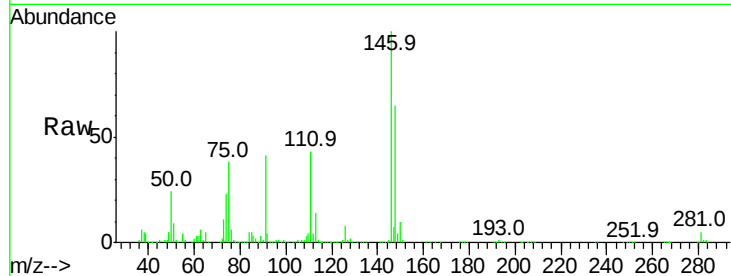
Lab File: ClientSampled :

Acq: 23 Mar 2022 14:04

Tgt Ion:1
Ion Rati
146 100
111 44.
148 64.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#76

1,4-Dichlorobenzene

Concen: 9.32 ppbv

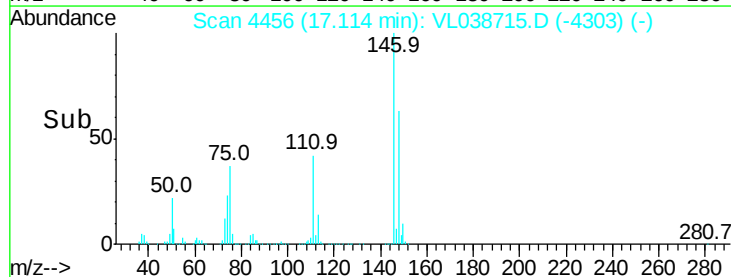
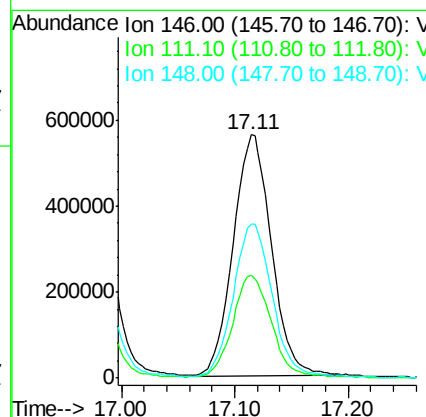
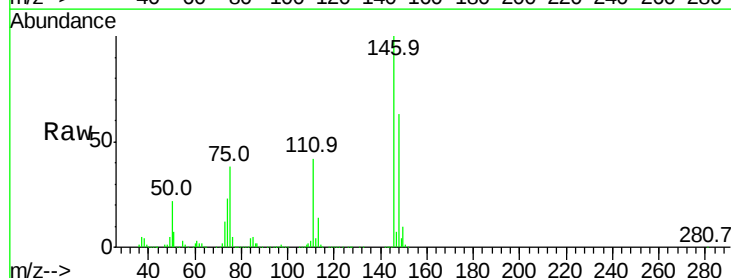
RT: 17.11 min Scan# 4456

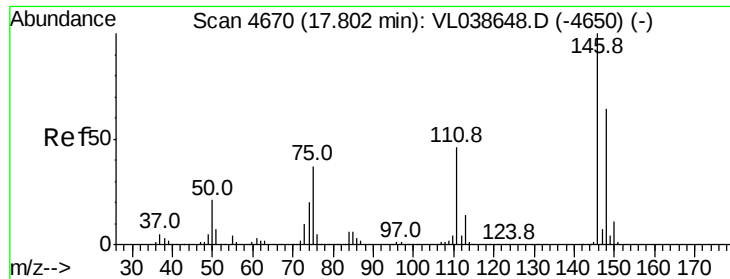
Delta R.T. -0.01 min

Lab File: VL038715.D

Acq: 23 Mar 2022 14:04

Tgt Ion:146 Resp: 1322824
Ion Ratio Lower Upper
146 100
111 43.7 21.4 64.2
148 65.9 32.1 96.3



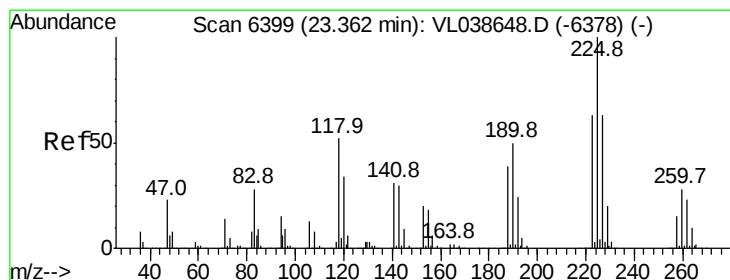
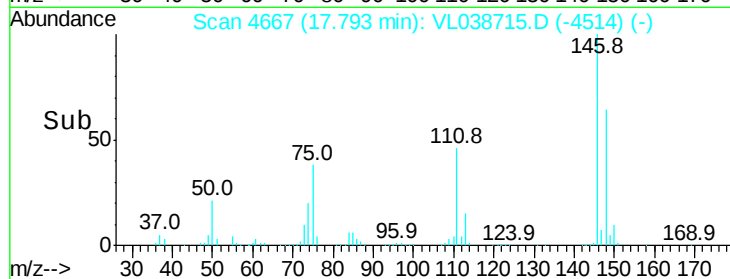
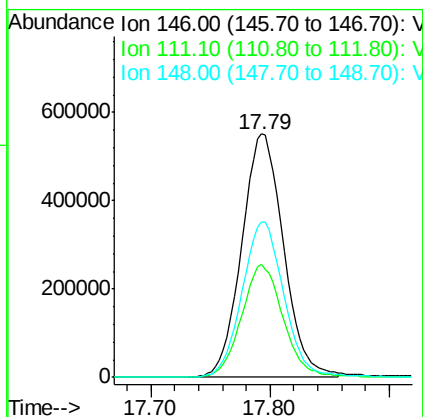
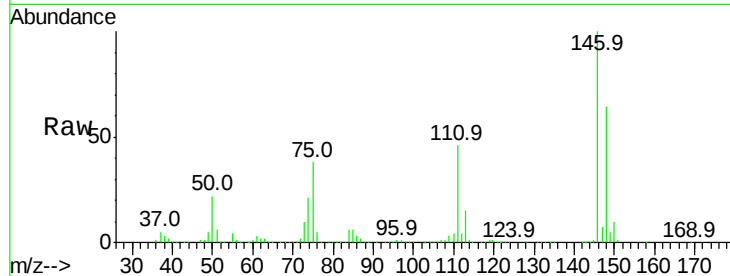


#77
 1,2-Dichlorobenzene
 Concen: 9.43 ppbv
 RT: 17.79
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Mar 2022 14:04

Tgt Ion:1
 Ion Rati
 146 100
 111 46.
 148 64.

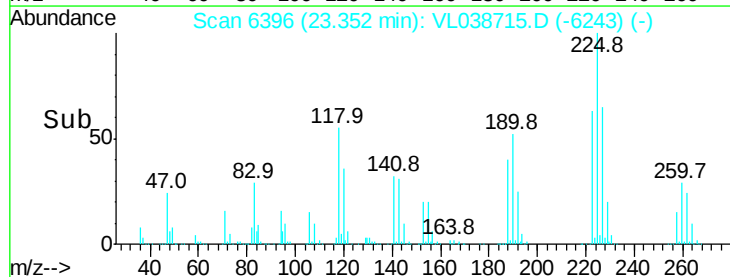
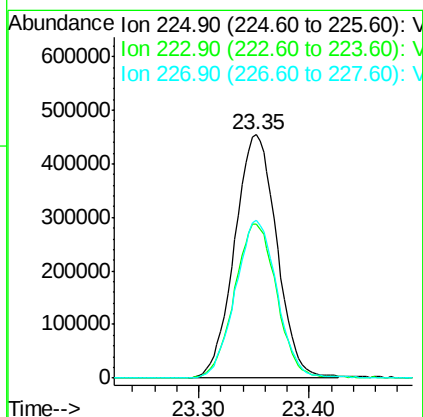
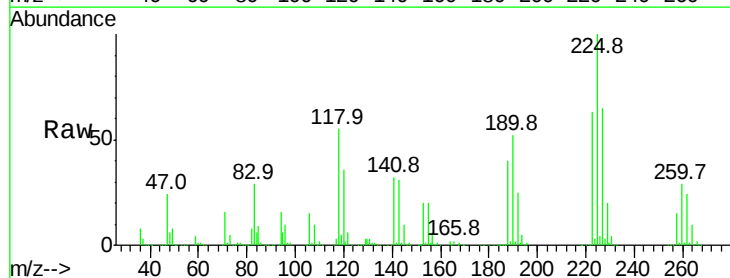
Manual Integrations
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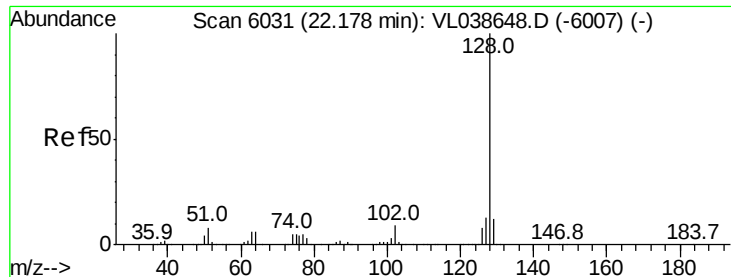
Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.20 ppbv
 RT: 23.35 min Scan# 6396
 Delta R.T. -0.01 min
 Lab File: VL038715.D
 Acq: 23 Mar 2022 14:04

Tgt Ion:225 Resp: 1202880
 Ion Ratio Lower Upper
 225 100
 223 63.7 51.0 76.6
 227 64.5 51.5 77.3



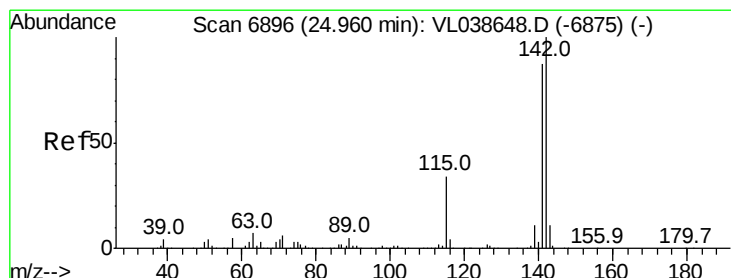
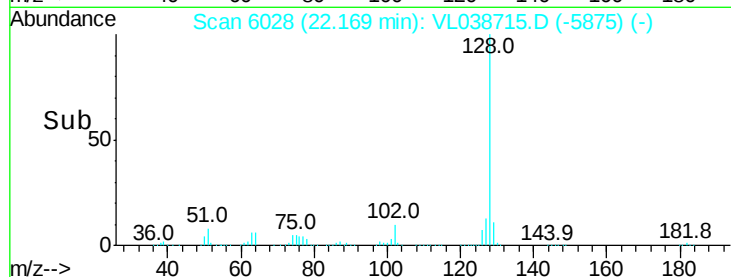
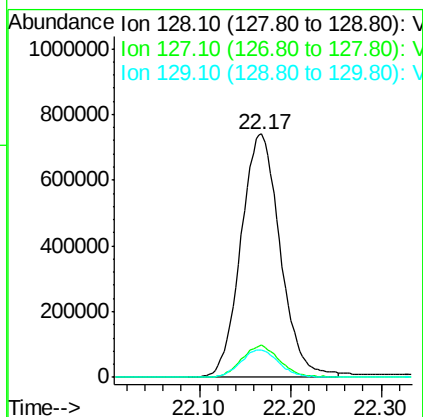
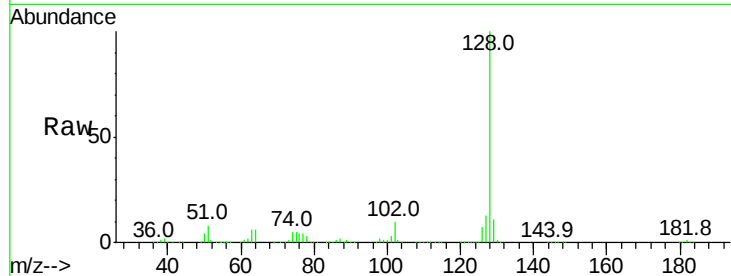


#79
Naphthalene
Concen: 12.95 ppbv
RT: 22.17 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 23 Mar 2022 14:04

Tgt Ion: 128
Ion Ratio: 100
127 13.1
129 11.1

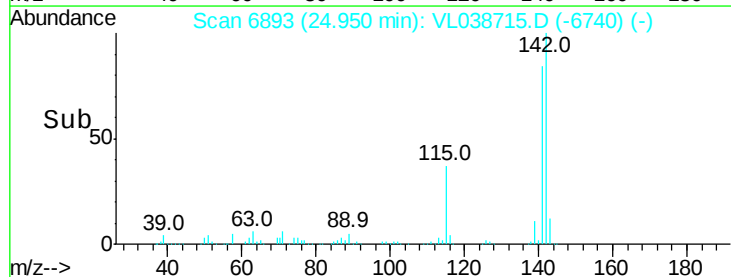
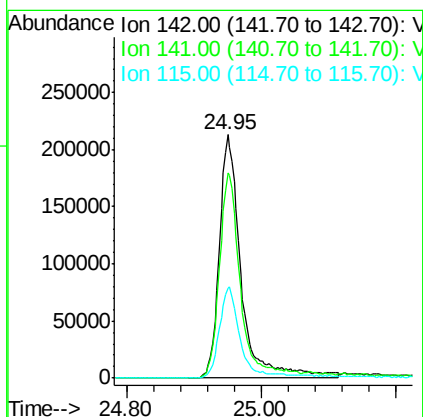
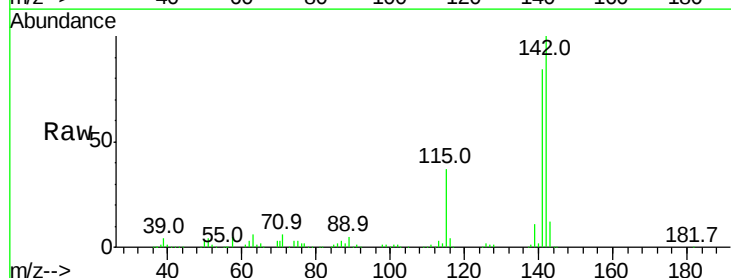
Manual Integrations
APPROVED

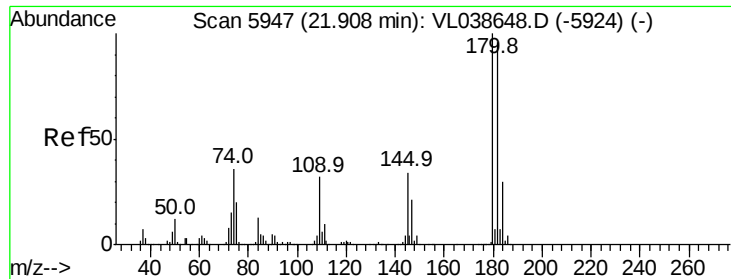
Reviewed By : Semsettin Yesilyurt 03/24/2022
Supervised By : Mahesh Dadoda 03/28/2022



#80
Naphthalene, 2-methyl-
Concen: 10.58 ppbv
RT: 24.95 min Scan# 6893
Delta R.T.: -0.01 min
Lab File: VL038715.D
Acq: 23 Mar 2022 14:04

Tgt Ion: 142 Resp: 486002
Ion Ratio Lower Upper
142 100
141 83.6 66.4 99.6
115 35.5 27.8 41.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.82 ppbv
 RT: 21.90
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Mar 2022 14.04

Tgt Ion:1
 Ion Rati
 180 100
 182 99.
 184 30.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/28/2022

