

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038986.D
 Acq On : 5 May 2022 23:55
 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: May 06 09:24:10 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A

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

QLast Update : Thu May 05 07:41:27 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	954689	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2164977	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1804301	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1503272	10.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	30891m	0.207 ppbv	
3) Chlorodifluoromethane	2.99	51	19844	0.168 ppbv	99
4) Chloromethane	3.14	50	9520m	0.160 ppbv	
5) Vinyl Chloride	3.26	62	5919	0.109 ppbv	92
6) Bromomethane	3.48	94	4441m	0.174 ppbv	
7) Chloroethane	3.56	64	2438m	0.134 ppbv	
8) Dichlorotetrafluoroethane	3.19	85	21947	0.162 ppbv	98
9) Propene	3.02	41	11619m	0.225 ppbv	
10) Heptane	8.12	43	14698m	0.116 ppbv	
11) Trichlorofluoromethane	3.95	101	21404	0.167 ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.48	101	14856m	0.168 ppbv	
13) Ethanol	3.63	45	3091m	0.765 ppbv	
14) Bromoethene	3.74	108	6020m	0.165 ppbv	
15) Acetone	3.87	43	18733	0.208 ppbv	94
16) 1,3-Butadiene	3.33	39	10866m	0.210 ppbv	
17) tert-Butyl alcohol	4.32	59	9237m	0.133 ppbv	
18) 1,1-Dichloroethene	4.29	96	6703m	0.176 ppbv	
19) Isopropyl Alcohol	3.98	45	4650m	0.109 ppbv	
20) Methylene Chloride	4.34	84	11312m	0.333 ppbv	
21) Allyl Chloride	4.41	41	9402m	0.153 ppbv	
22) trans-1,2-Dichloroethene	4.88	96	6902m	0.168 ppbv	
23) Vinyl Acetate	5.07	43	13574m	0.190 ppbv	
24) 1,1-Dichloroethane	5.01	63	11704m	0.143 ppbv	
25) Ethyl Acetate	5.68	43	28257m	0.131 ppbv	
26) Hexane	5.68	57	12924m	0.135 ppbv	
27) Carbon Disulfide	4.55	76	10859m	0.119 ppbv	
28) Methyl tert-Butyl Ether	5.05	73	10556m	0.145 ppbv	
29) Chloroform	5.75	83	25383	0.164 ppbv	99
30) Cyclohexane	7.12	84	9612m	0.120 ppbv	
31) cis-1,2-Dichloroethene	5.55	61	11825m	0.121 ppbv	
32) 1,1,1-Trichloroethane	6.50	97	18335m	0.118 ppbv	
34) 2-Butanone	5.27	43	19376m	0.175 ppbv	
35) Carbon Tetrachloride	7.01	117	19857m	0.139 ppbv	
36) Benzene	6.89	78	24007	0.130 ppbv	98
37) 1,2-Dichloroethane	6.30	62	16693m	0.146 ppbv	
38) Trichloroethene	7.83	130	10073m	0.122 ppbv	
39) 1,2-Dichloropropane	7.61	63	10838m	0.150 ppbv	
40) 1,4-Dioxane	7.88	88	4396m	0.170 ppbv	
41) Tetrahydrofuran	6.09	42	10005m	0.135 ppbv	
42) Bromodichloromethane	7.78	83	20531m	0.131 ppbv	
43) Methyl Methacrylate	8.01	69	7911m	0.105 ppbv	

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 Misc : 400mL/MSVOA L
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Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

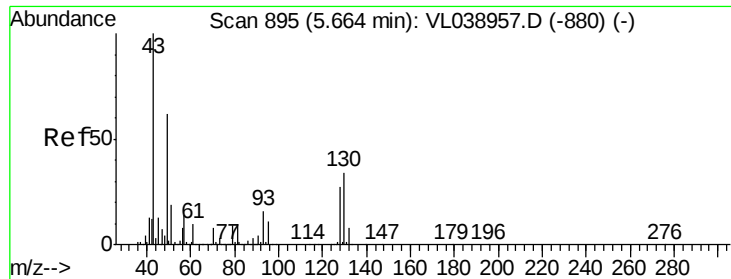
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/07/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 06 09:24:10 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu May 05 07:41:27 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	40013m	0.123	ppbv	
45) t-1,3-Dichloropropene	9.26	75	5148m	0.071	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	9309m	0.096	ppbv	
47) 1,1,2-Trichloroethane	9.47	97	10060m	0.134	ppbv	
48) Dibromochloromethane	10.30	129	11024m	0.090	ppbv	
49) Bromoform	13.02	173	8586m	0.092	ppbv	
50) 4-Methyl-2-Pentanone	8.77	43	22470m	0.116	ppbv	
51) 2-Hexanone	10.18	43	16358m	0.116	ppbv	
52) Tetrachloroethene	11.21	164	7091m	0.107	ppbv	
53) Toluene	9.80	91	23867m	0.115	ppbv	
54) 1,2-Dibromoethane	10.61	107	12415m	0.122	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.12	131	11454m	0.145	ppbv	
57) Chlorobenzene	12.13	112	20214m	0.149	ppbv	
58) Ethyl Benzene	12.70	91	31558m	0.122	ppbv	
59) m/p-Xylene	12.99	91	55966m	0.252	ppbv	
60) o-Xylene	13.67	91	27347m	0.131	ppbv	
61) Styrene	13.52	104	11692m	0.105	ppbv	
62) Isopropylbenzene	14.66	105	42790m	0.161	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.67	83	19399m	0.158	ppbv	
64) n-propylbenzene	15.55	120	7625m	0.103	ppbv	
65) tert-Butylbenzene	16.73	119	37438m	0.140	ppbv	
66) Benzyl Chloride	17.00	91	4570m	0.131	ppbv	
67) sec-Butylbenzene	17.28	105	47682m	0.125	ppbv	
69) p-Isopropyltoluene	17.64	119	32263m	0.105	ppbv	
70) n-Butylbenzene	18.54	91	39060m	0.119	ppbv	
71) 2-Chlorotoluene	15.44	91	30665m	0.130	ppbv	
72) 4-Ethyltoluene	15.83	105	26470m	0.111	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	29675m	0.139	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	30270m	0.129	ppbv	
75) 1,3-Dichlorobenzene	16.99	146	19051m	0.148	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	20292m	0.161	ppbv	
77) 1,2-Dichlorobenzene	17.80	146	18766m	0.148	ppbv	
78) Hexachloro-1,3-Butadiene	23.36	225	27242m	0.233	ppbv	
79) Naphthalene	22.19	128	38996m	0.205	ppbv	
81) 1,2,4-Trichlorobenzene	21.91	180	20598m	0.185	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDCCC010EC

Acq: 5 May 2022 23:55

Tot Ion:

Ion Ratio

49 100

128 45.

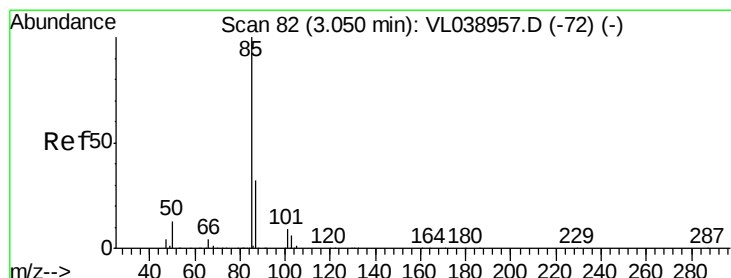
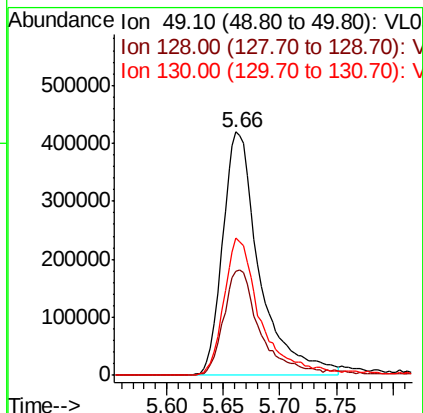
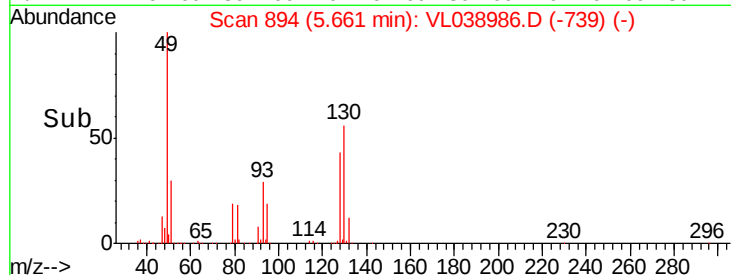
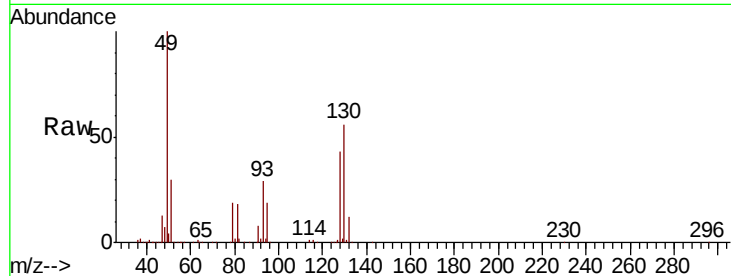
130 57.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#2

Dichlorodifluoromethane

Concen: 0.207 ppbv m

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL038986.D

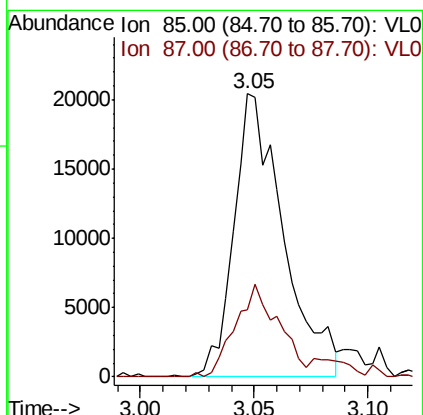
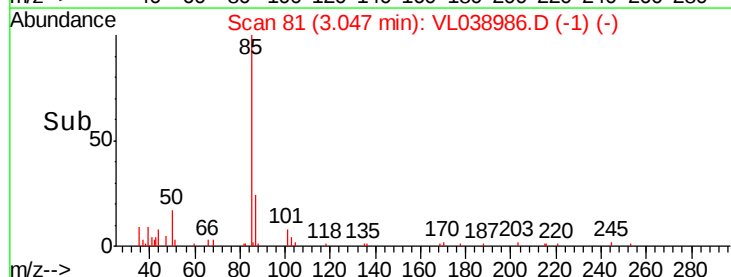
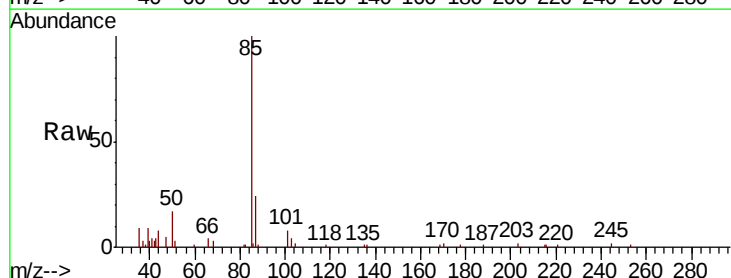
Acq: 5 May 2022 23:55

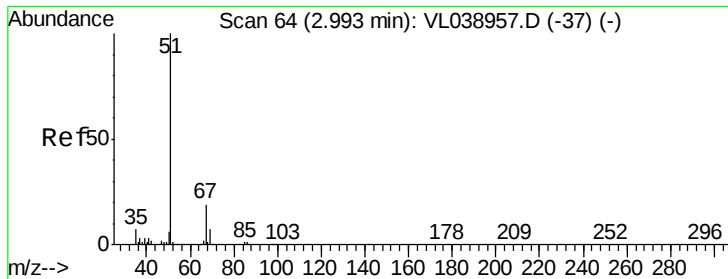
Tgt Ion: 85 Resp: 30891

Ion Ratio Lower Upper

85 100

87 23.8 25.7 38.5#





#3

Chlorodifluoromethane

Concen: 0.168 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

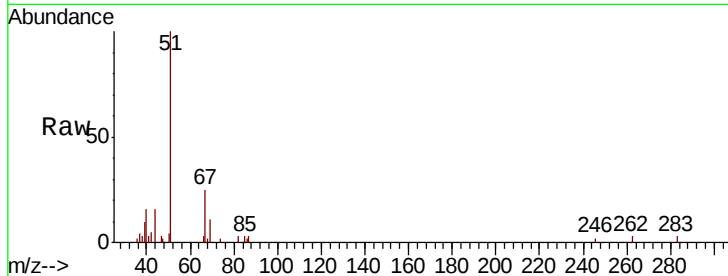
67 20.

Manual Integrations

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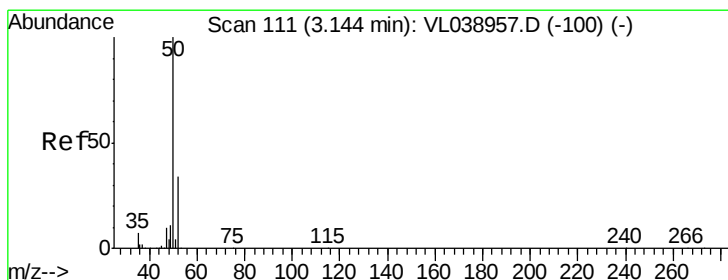
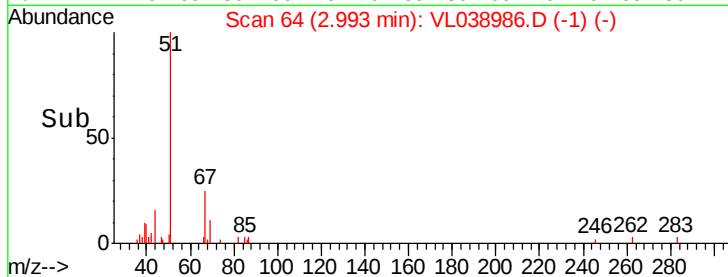
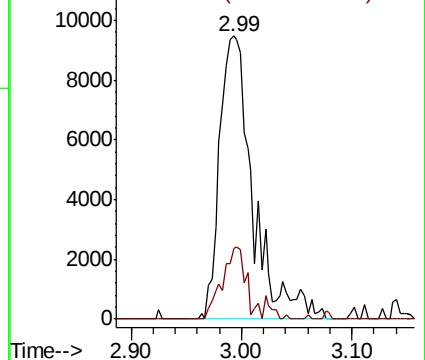
Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.160 ppbv m

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL038986.D

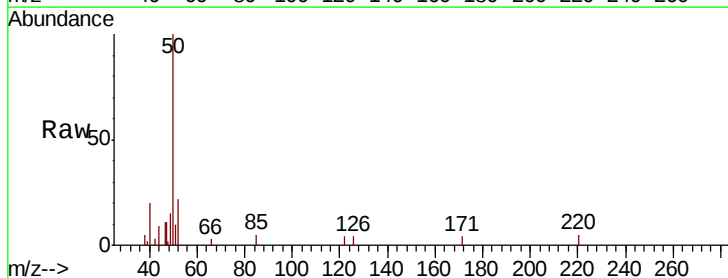
Acq: 5 May 2022 23:55

Tgt Ion: 50 Resp: 9520

Ion Ratio Lower Upper

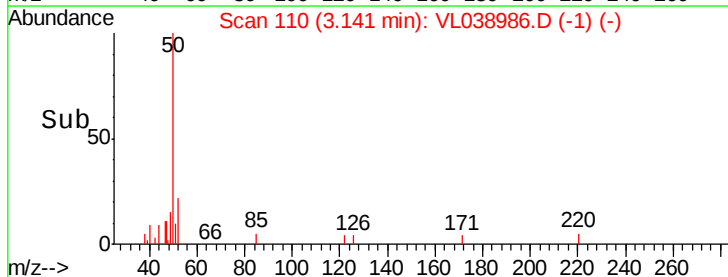
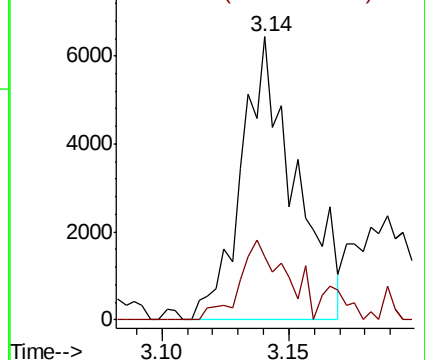
50 100

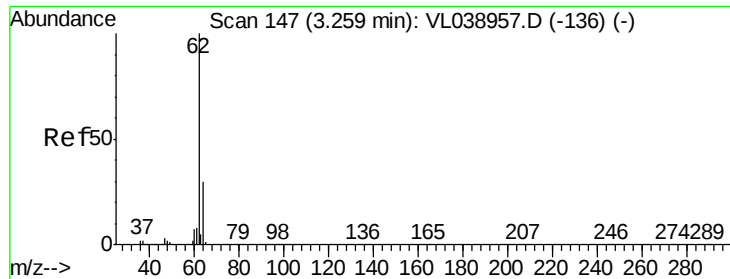
52 22.3 27.3 40.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.109 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

62 100

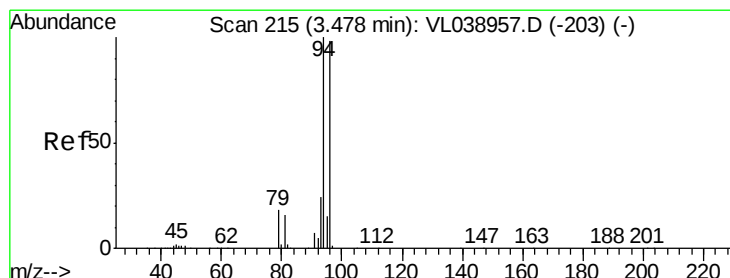
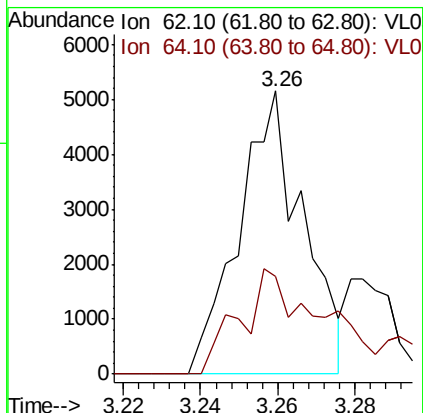
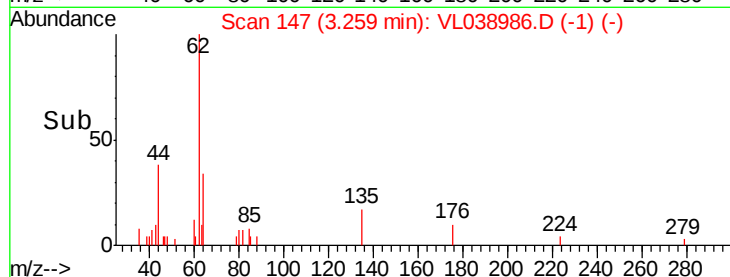
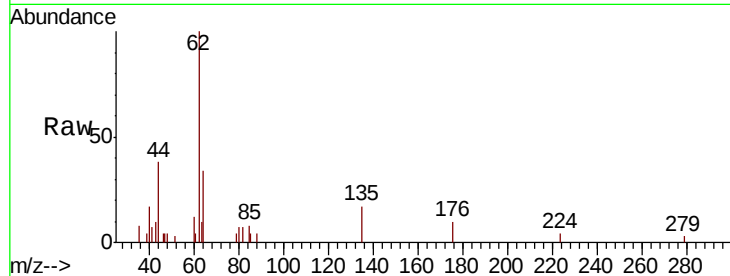
64 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#6

Bromomethane

Concen: 0.174 ppbv m

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL038986.D

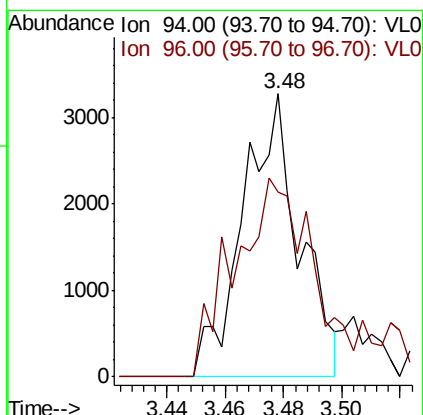
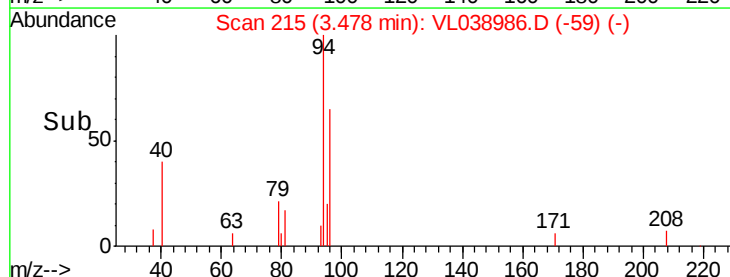
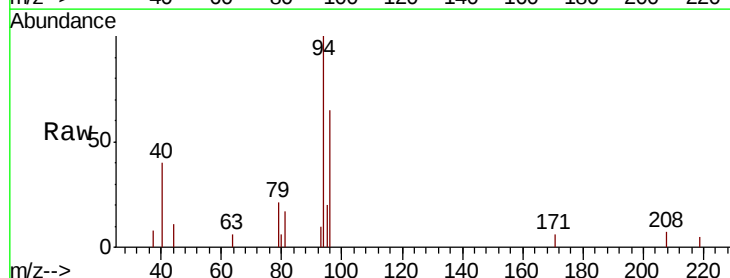
Acq: 5 May 2022 23:55

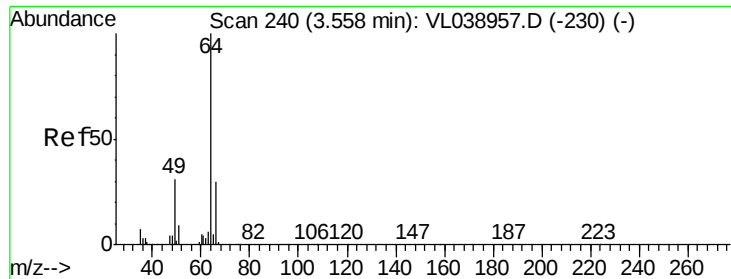
Tgt Ion: 94 Resp: 4441

Ion Ratio Lower Upper

94 100

96 65.5 78.1 117.1#





#7

Chloroethane

Concen: 0.134 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

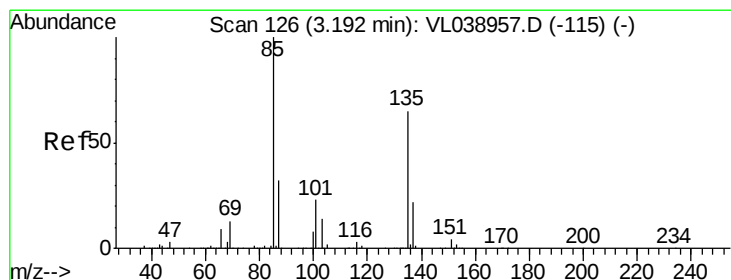
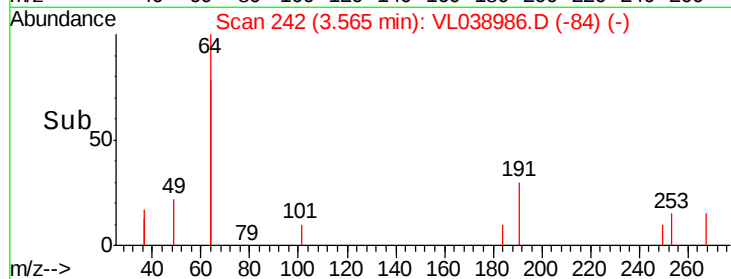
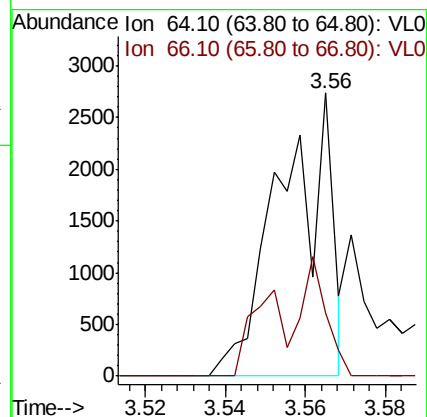
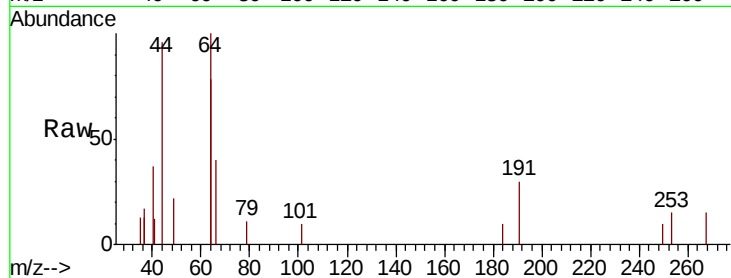
66 40.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#8

Dichlorotetrafluoroethane

Concen: 0.162 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL038986.D

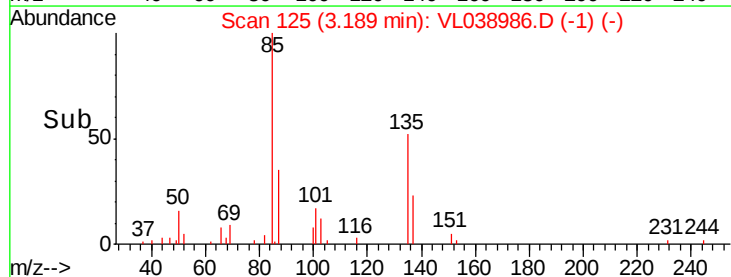
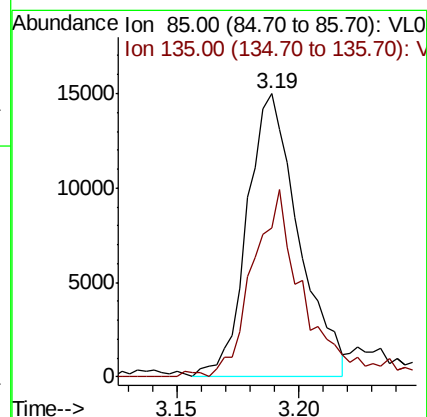
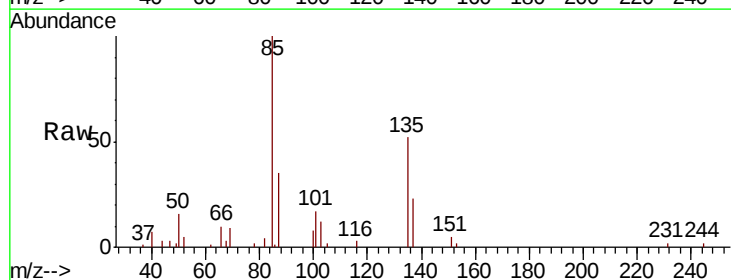
Acq: 5 May 2022 23:55

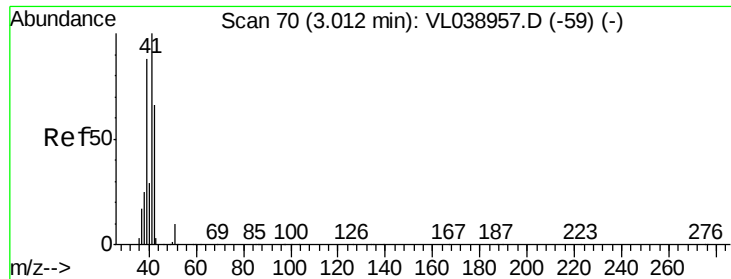
Tgt Ion: 85 Resp: 21947

Ion Ratio Lower Upper

85 100

135 68.3 53.6 80.4





#9

Propene

Concen: 0.225 ppbv m

RT: 3.02 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

41 100

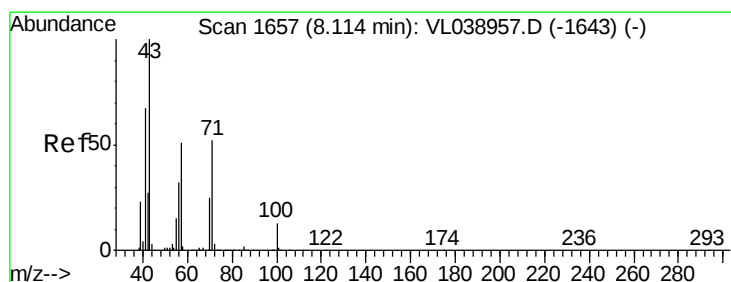
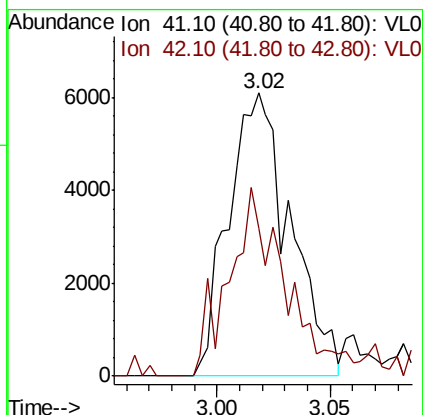
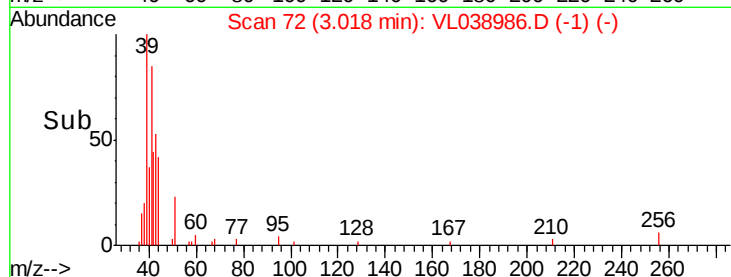
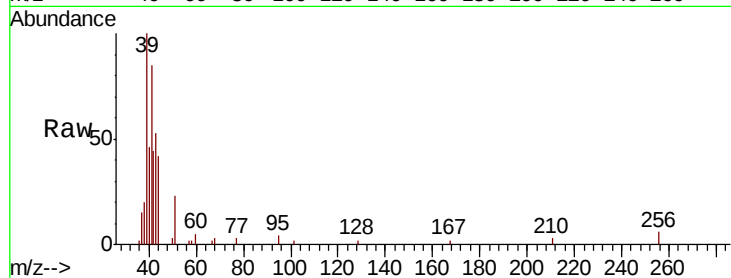
42 2.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#10

Heptane

Concen: 0.116 ppbv m

RT: 8.12 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VL038986.D

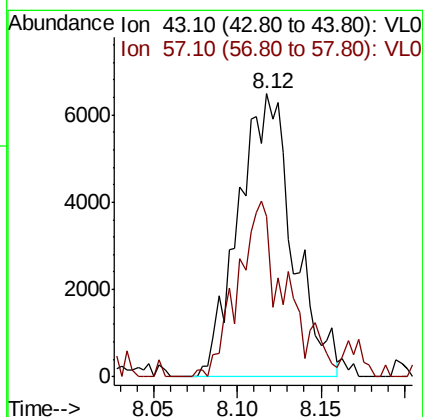
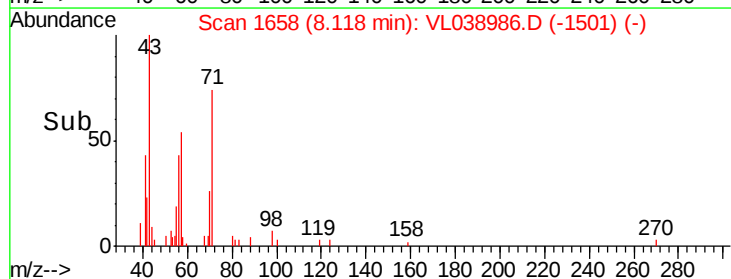
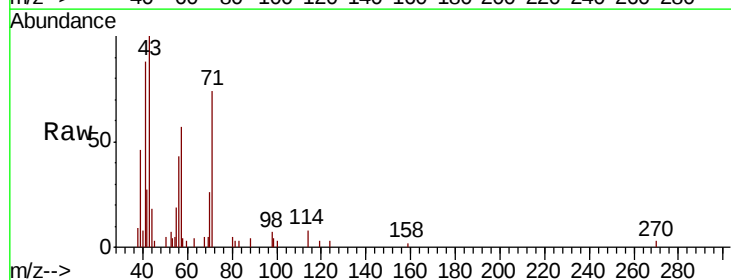
Acq: 5 May 2022 23:55

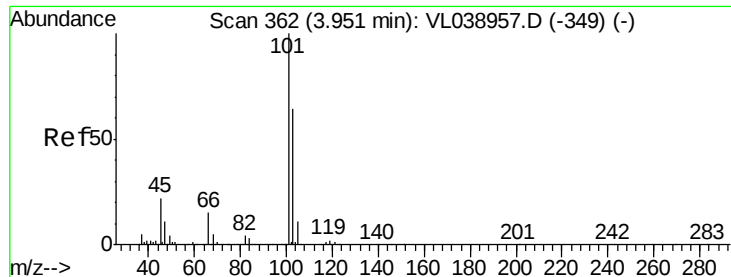
Tgt Ion: 43 Resp: 14698

Ion Ratio Lower Upper

43 100

57 59.8 40.5 60.7





#11

Trichlorofluoromethane

Concen: 0.167 ppbv

RT: 3.95 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 5 May 2022 23:55

Tot Ion:1

Ion Rati

101 100

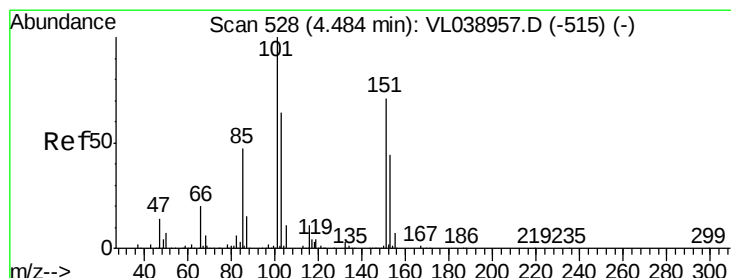
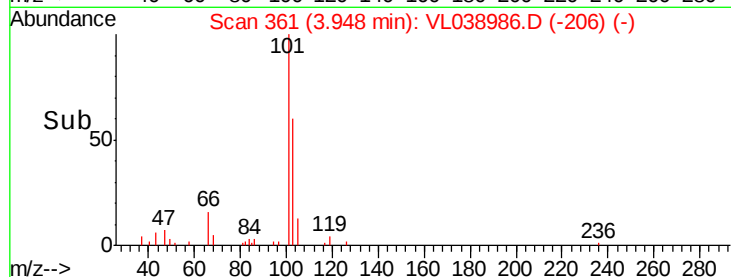
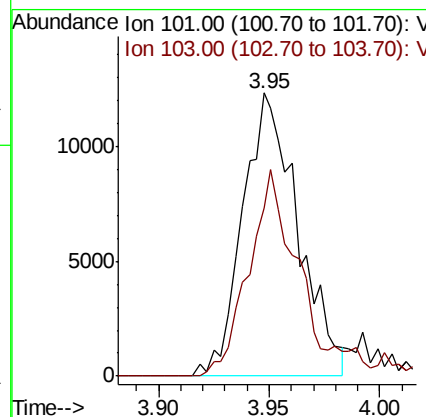
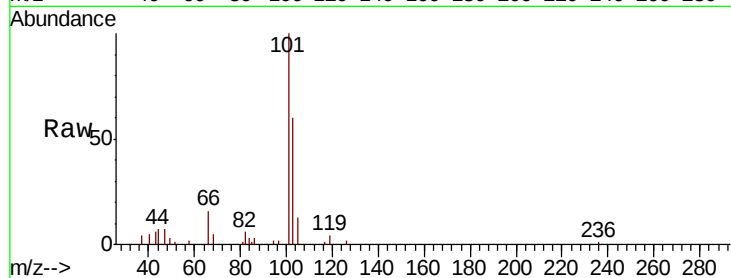
103 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.168 ppbv m

RT: 4.48 min Scan# 526

Delta R.T. -0.01 min

Lab File: VL038986.D

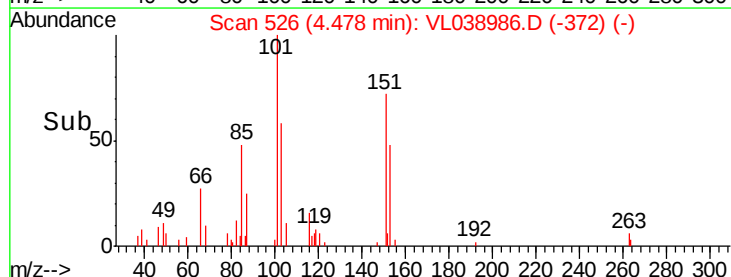
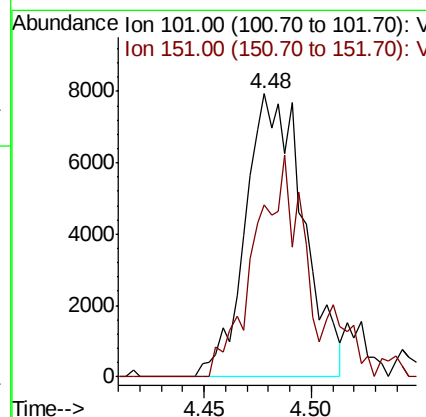
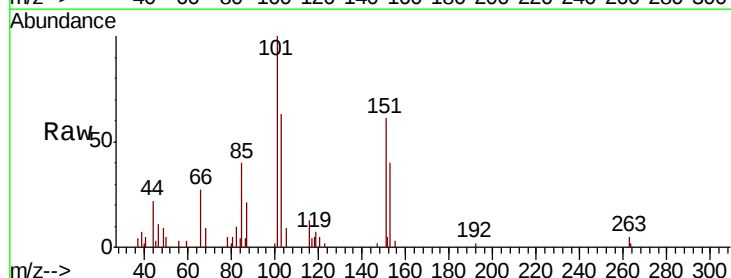
Acq: 5 May 2022 23:55

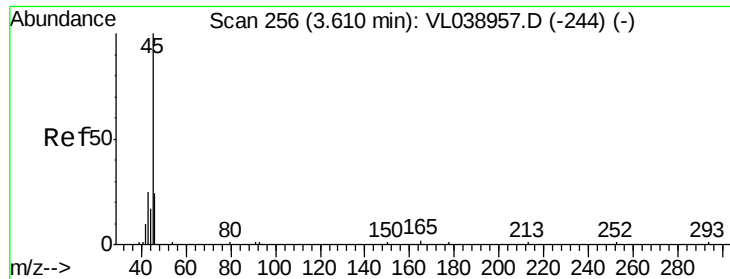
Tgt Ion:101 Resp: 14856

Ion Ratio Lower Upper

101 100

151 0.0 55.4 83.0#





#13

Ethanol

Concen: 0.765 ppbv m

RT: 3.63 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCC010EC

Tot Ion:

Ion Ratio

45 100

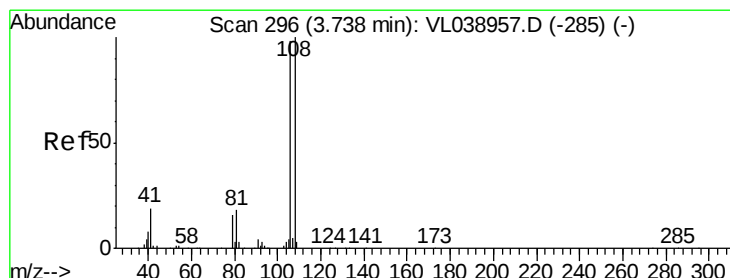
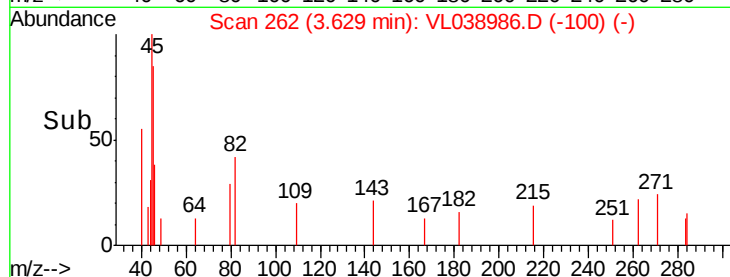
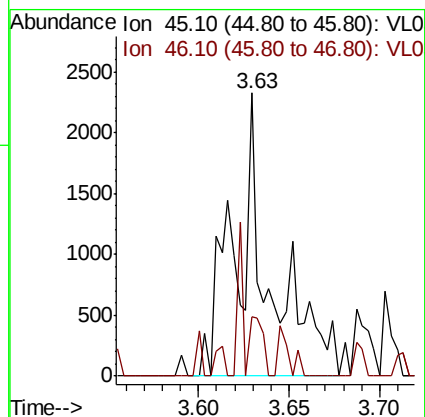
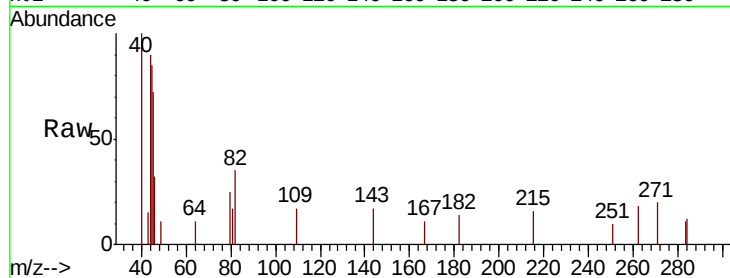
46 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#14

Bromoethene

Concen: 0.165 ppbv m

RT: 3.74 min Scan# 298

Delta R.T. 0.01 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

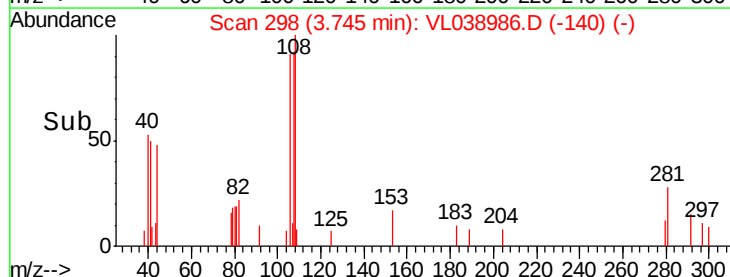
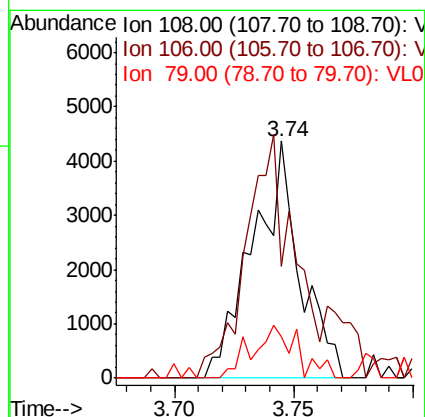
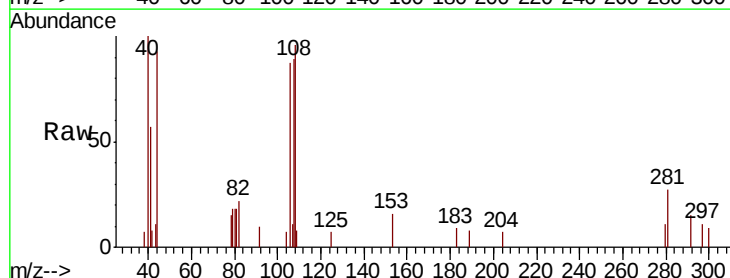
Tgt Ion:108 Resp: 6020

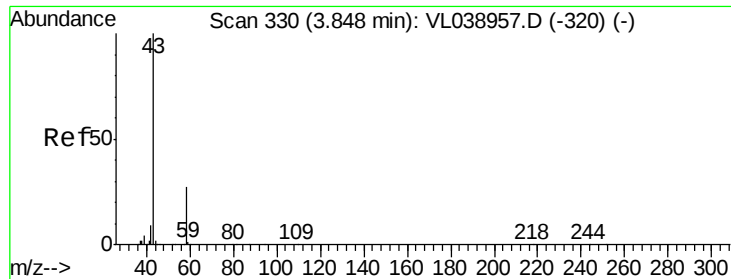
Ion Ratio Lower Upper

108 100

106 127.4 90.3 135.5

79 25.9 14.9 22.3#



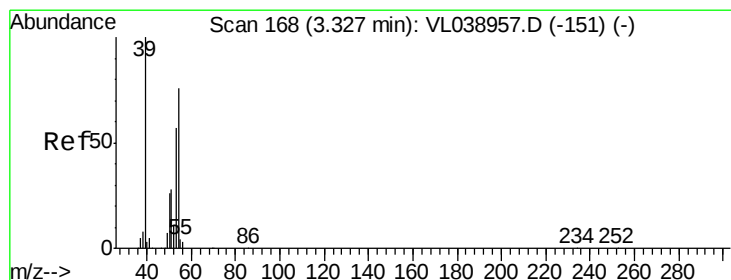
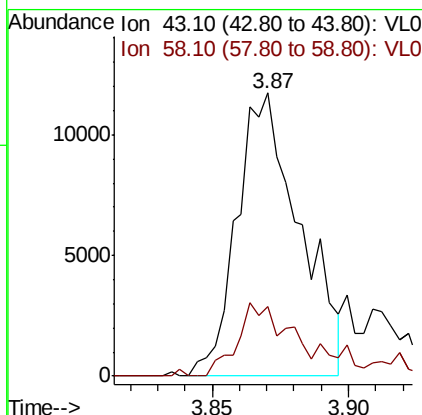
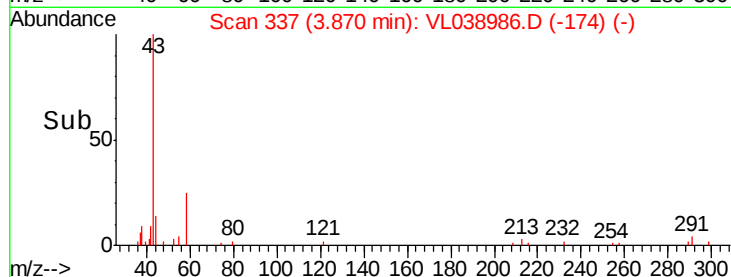
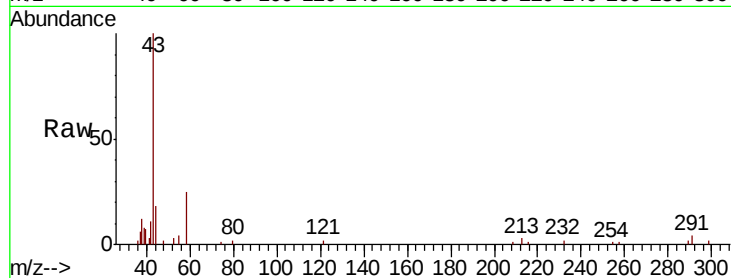


#15
Acetone
Concen: 0.208 ppbv
RT: 3.87
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 5 May 2022 23:55

Tot Ion:
Ion Ratio
43 100
58 29.

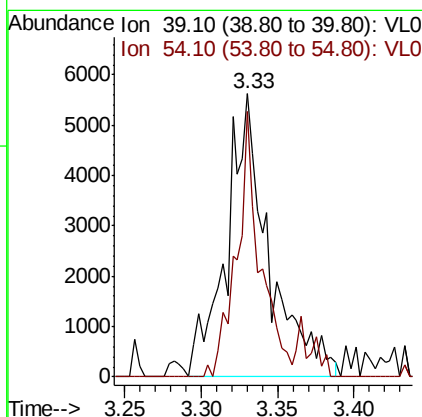
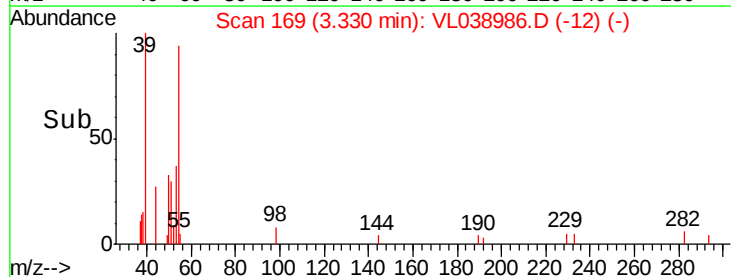
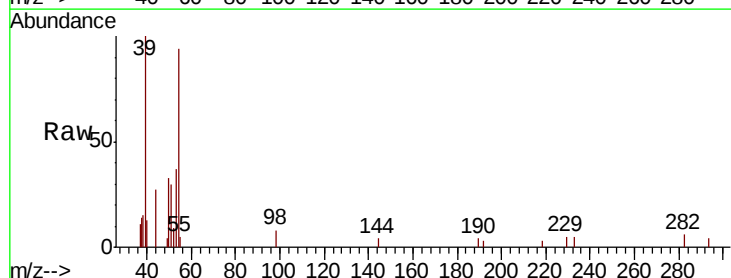
Manual Integrations
APPROVED

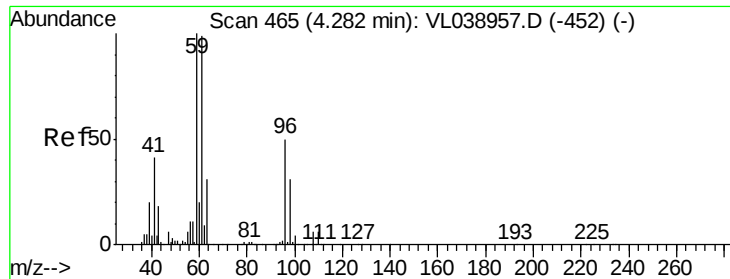
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#16
1,3-Butadiene
Concen: 0.210 ppbv m
RT: 3.33 min Scan# 169
Delta R.T. 0.00 min
Lab File: VL038986.D
Acq: 5 May 2022 23:55

Tgt Ion: 39 Resp: 10866
Ion Ratio Lower Upper
39 100
54 0.0 65.2 97.8#





#17

tert-Butyl alcohol

Concen: 0.133 ppbv m

RT: 4.32 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCC010EC

Tot Ion:

Ion Ratio

59 100

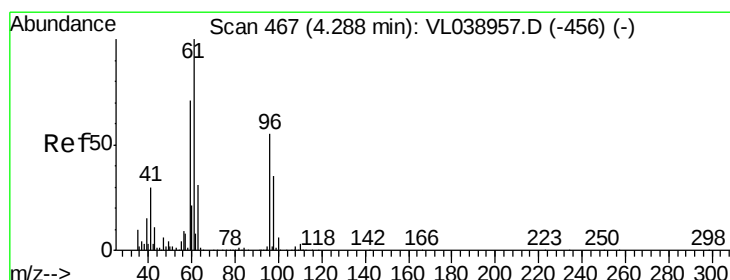
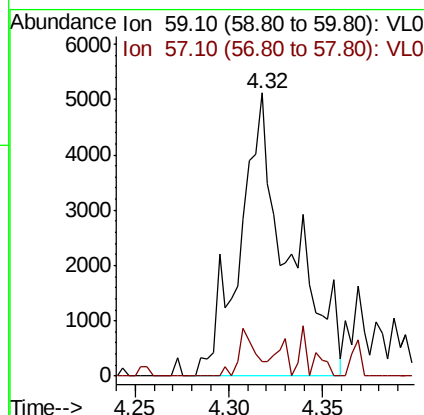
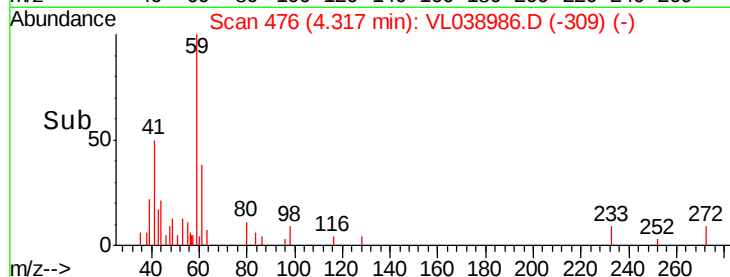
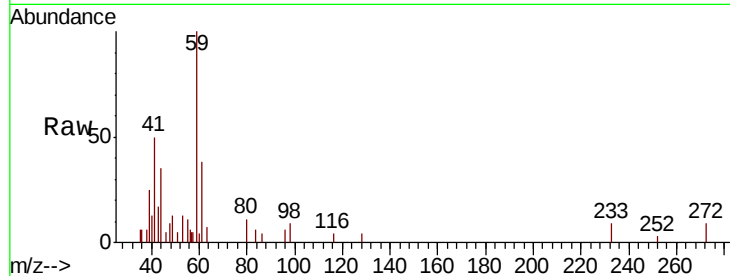
57 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#18

1,1-Dichloroethene

Concen: 0.176 ppbv m

RT: 4.29 min Scan# 468

Delta R.T. 0.00 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

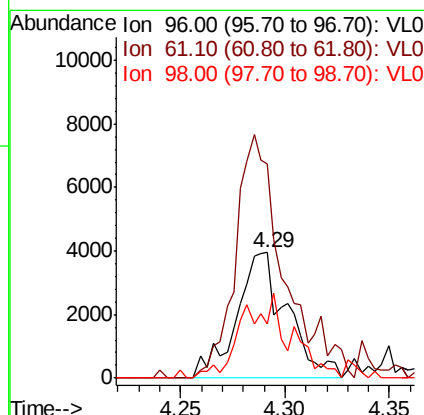
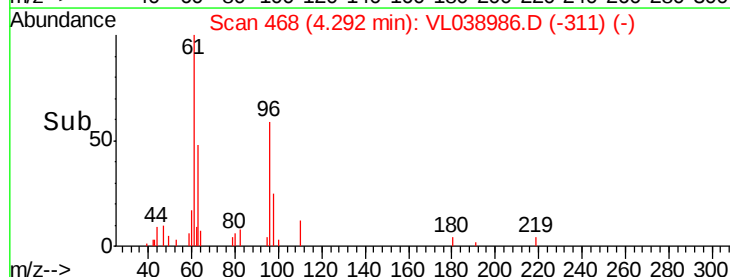
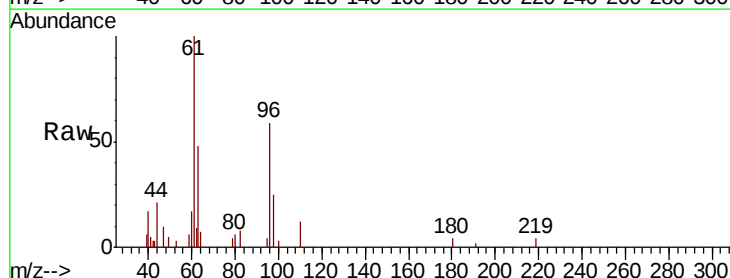
Tgt Ion: 96 Resp: 6703

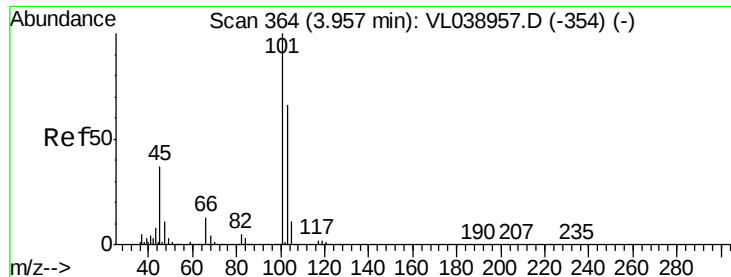
Ion Ratio Lower Upper

96 100

61 170.2 146.3 219.5

98 42.7 50.6 75.8#





#19

Isopropyl Alcohol

Concen: 0.109 ppbv m

RT: 3.98 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

45 100

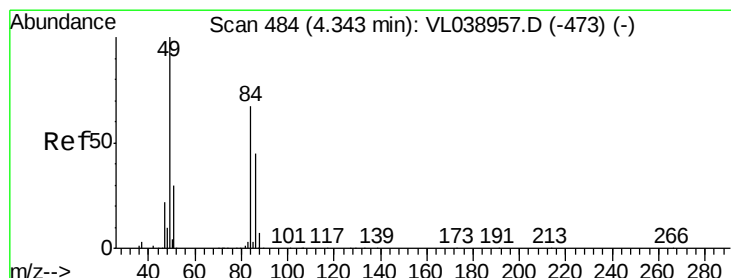
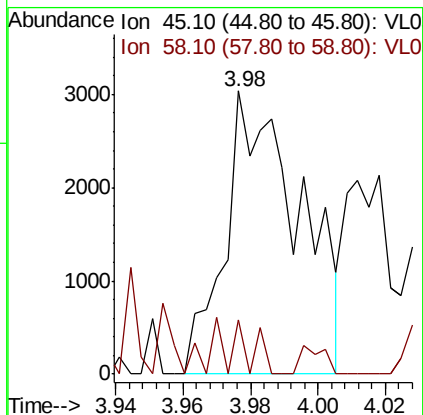
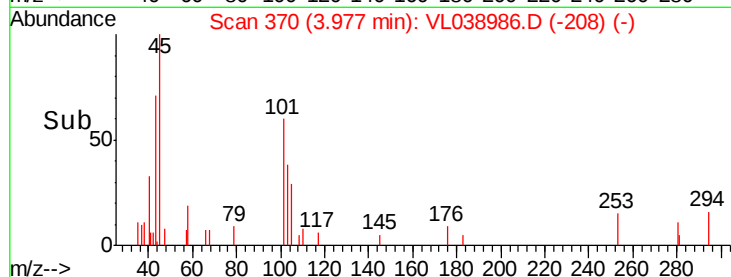
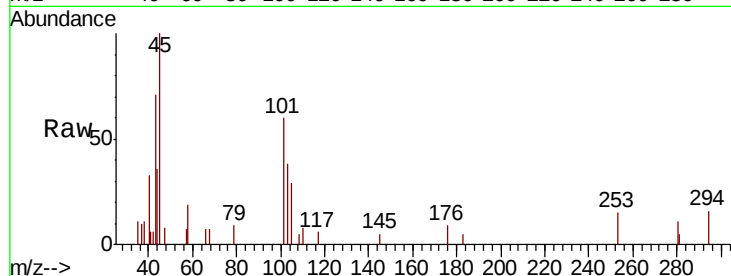
58 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#20

Methylene Chloride

Concen: 0.333 ppbv m

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

Tgt Ion: 84 Resp: 11312

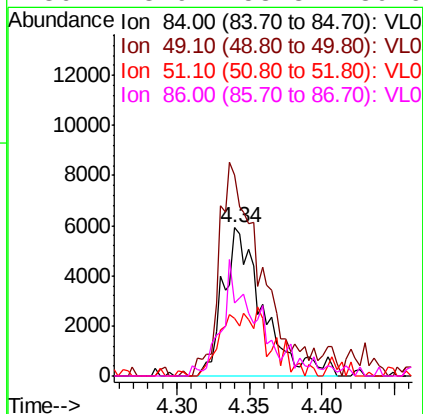
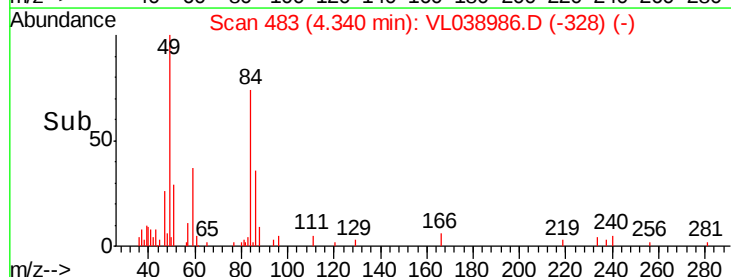
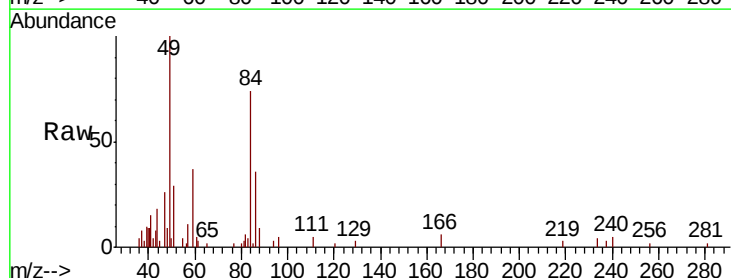
Ion Ratio Lower Upper

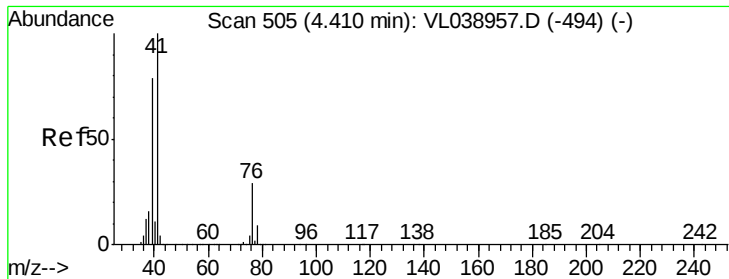
84 100

49 136.0 119.9 179.9

51 38.8 35.7 53.5

86 48.9 53.8 80.6#





#21

Allvl Chloride

Concen: 0.153 ppbv m

RT: 4.41 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

41 100

76 0.

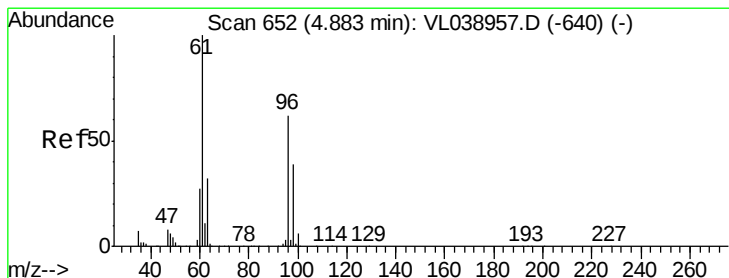
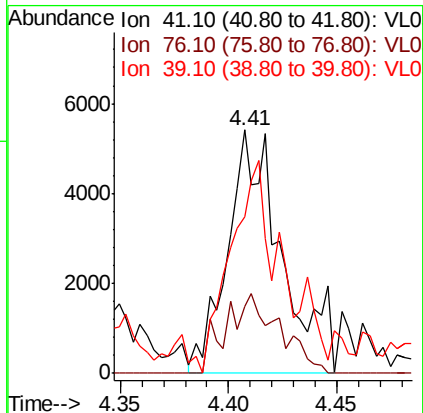
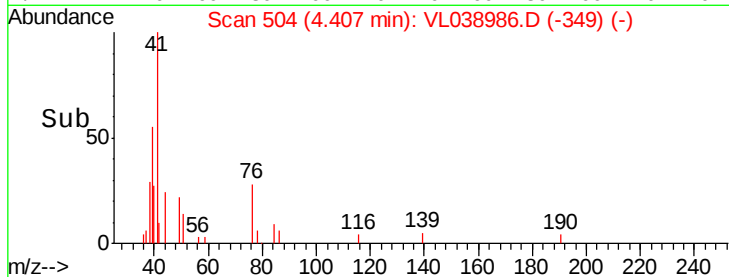
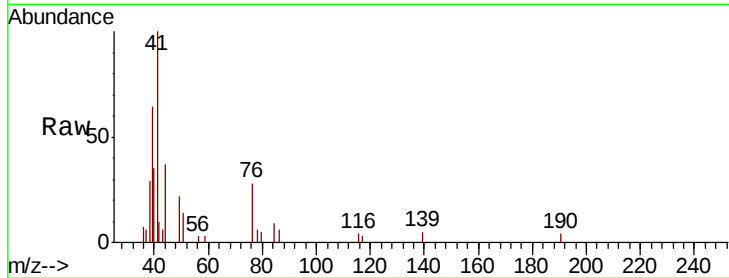
39 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#22

trans-1,2-Dichloroethene

Concen: 0.168 ppbv m

RT: 4.88 min Scan# 652

Delta R.T. 0.00 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

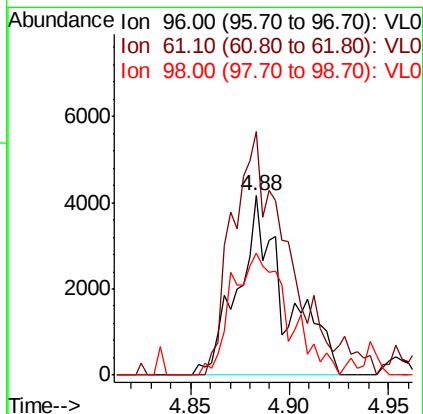
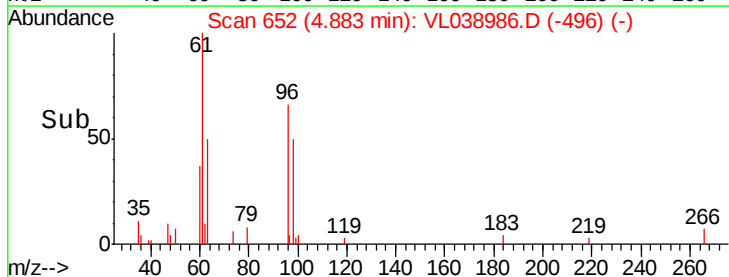
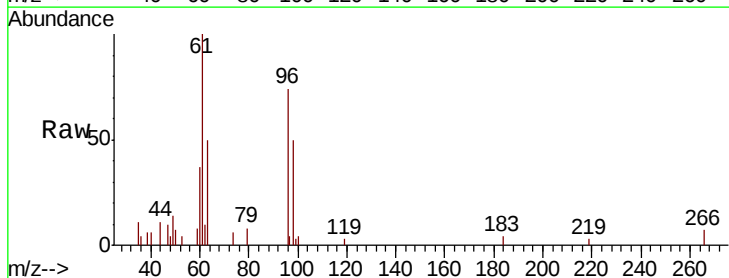
Tgt Ion: 96 Resp: 6902

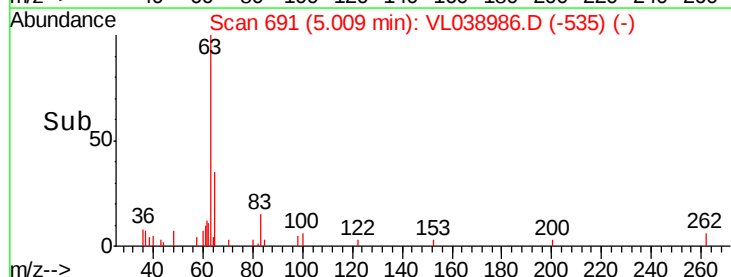
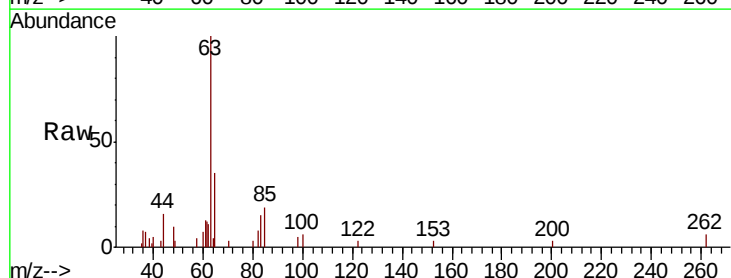
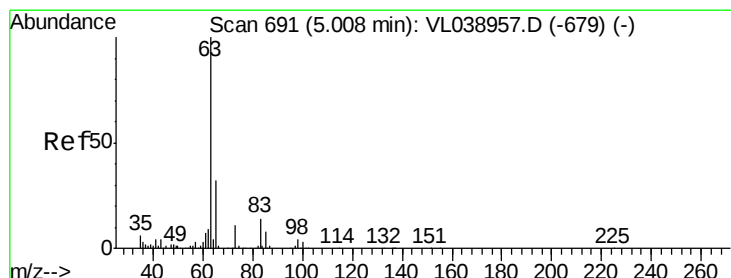
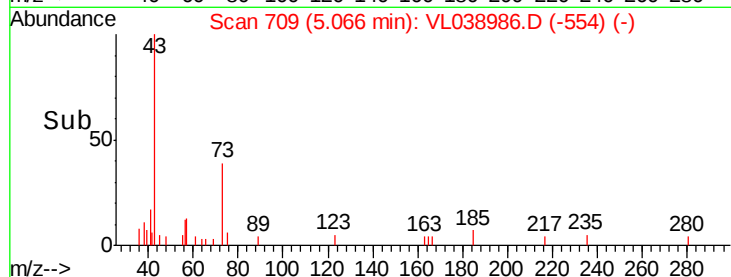
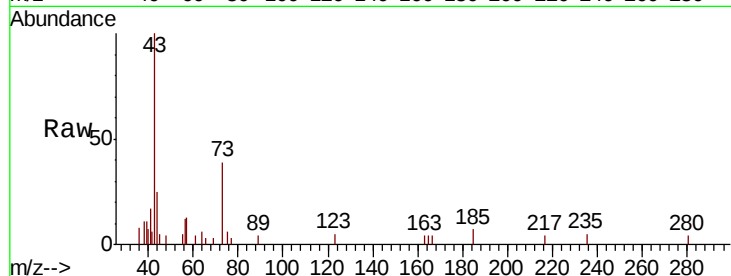
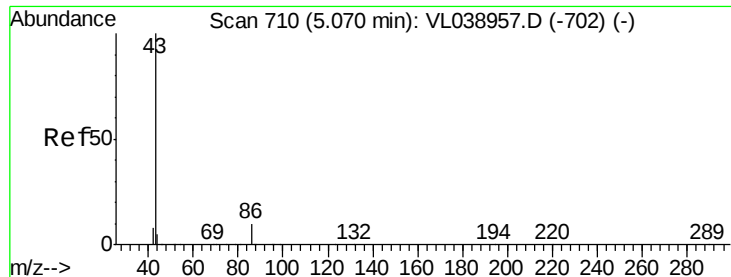
Ion Ratio Lower Upper

96 100

61 135.6 128.2 192.2

98 67.7 50.1 75.1





#23

Vinyl Acetate

Concen: 0.190 ppbv m

RT: 5.07 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDC010EC

Tot Ion:

Ion Ratio

43 100

86 0.

42 6.

44 24.8

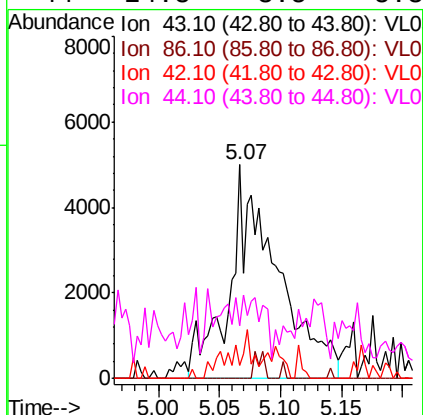
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022

3.5 5.3#



#24

1,1-Dichloroethane

Concen: 0.143 ppbv m

RT: 5.01 min Scan# 691

Delta R.T. 0.00 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

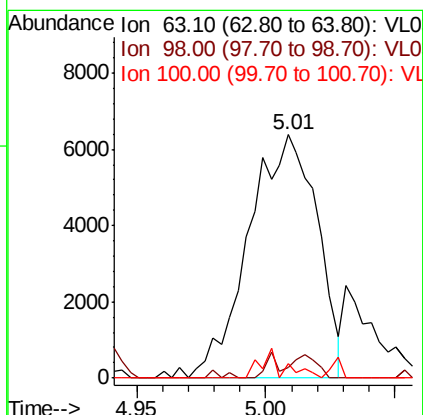
Tgt Ion: 63 Resp: 11704

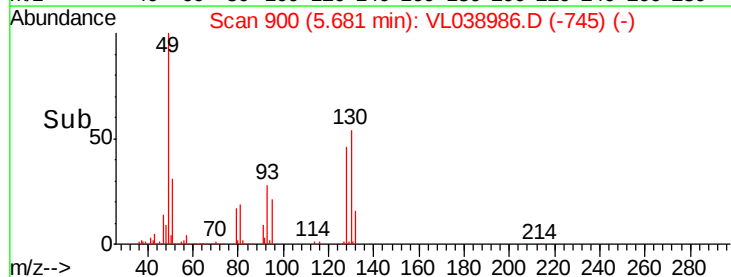
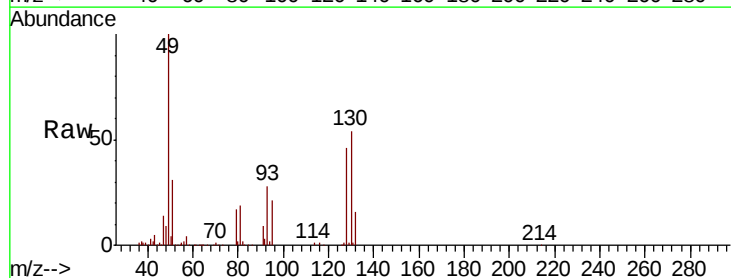
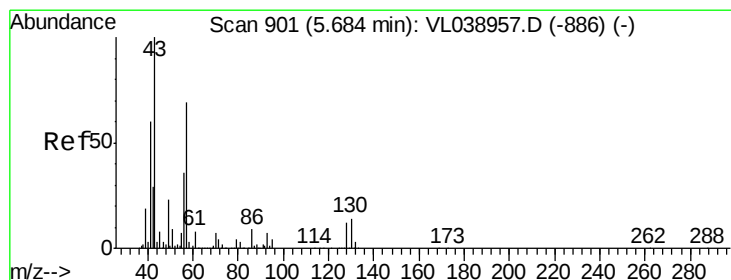
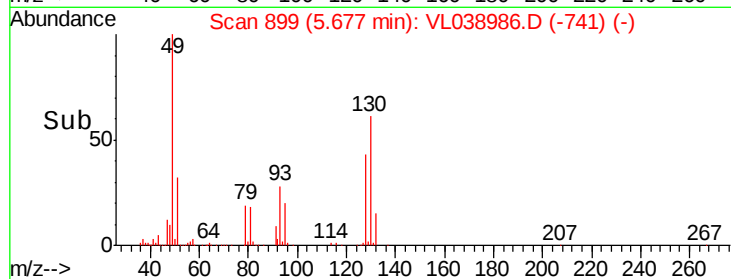
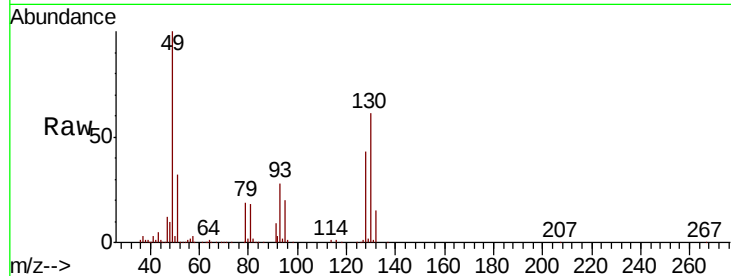
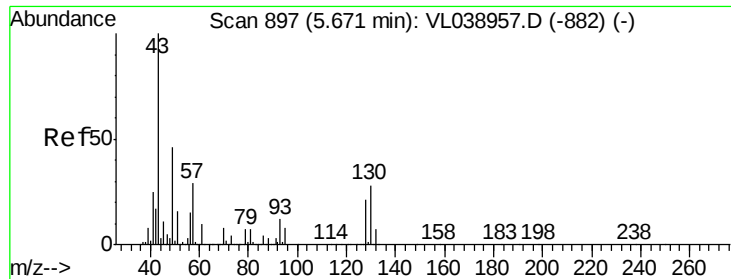
Ion Ratio Lower Upper

63 100

98 4.5 2.1 6.2

100 5.8 1.4 4.2#





#25

Ethyl Acetate

Concen: 0.131 ppbv m

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDCCC010EC

Acq: 5 May 2022 23:55

Tot Ion:

Ion Ratio

43 100

45 11.

61 13.

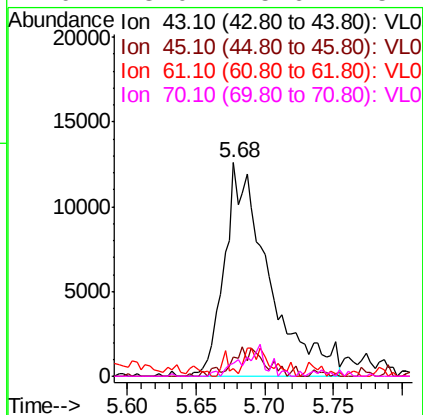
70 8.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#26

Hexane

Concen: 0.135 ppbv m

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

Tgt Ion: 57 Resp: 12924

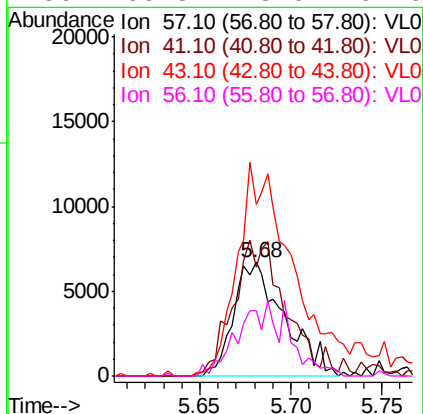
Ion Ratio Lower Upper

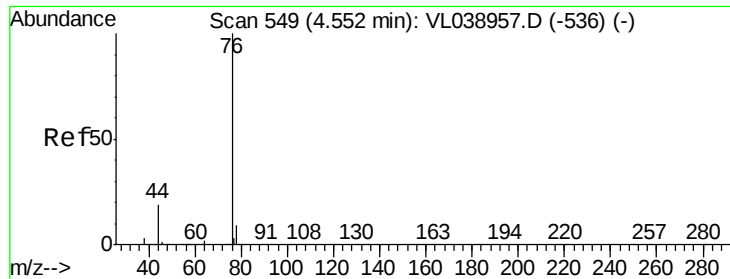
57 100

41 131.7 75.2 112.8#

43 211.5 190.8 286.2

56 65.8 43.0 64.6#





#27

Carbon Disulfide

Concen: 0.119 ppbv m

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

76 100

44 0.

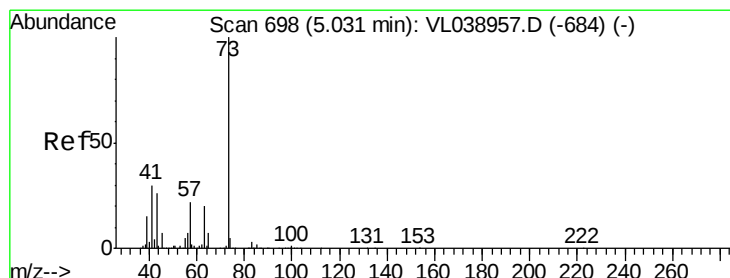
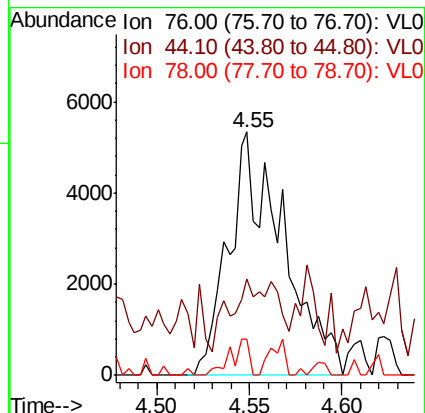
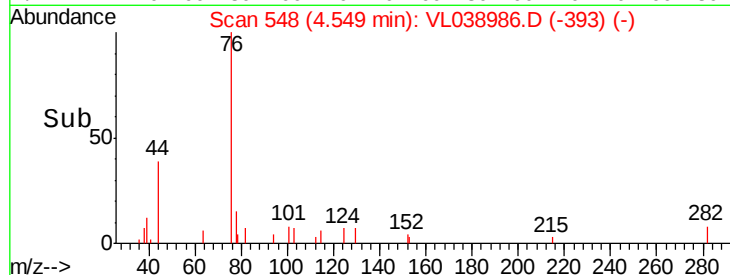
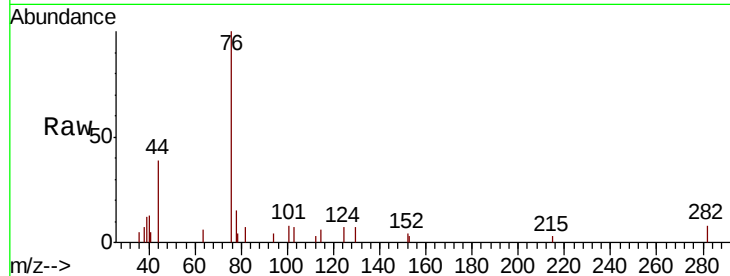
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#28

Methyl tert-Butyl Ether

Concen: 0.145 ppbv m

RT: 5.05 min Scan# 703

Delta R.T. 0.02 min

Lab File: VL038986.D

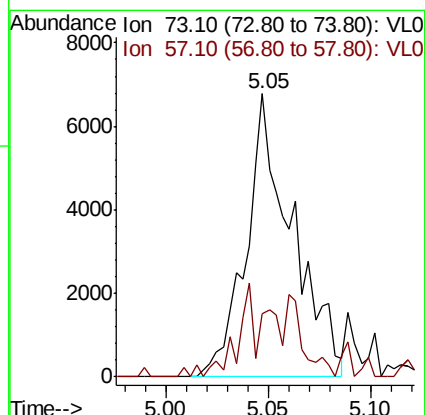
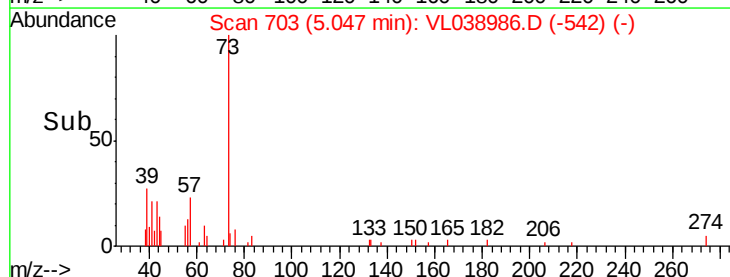
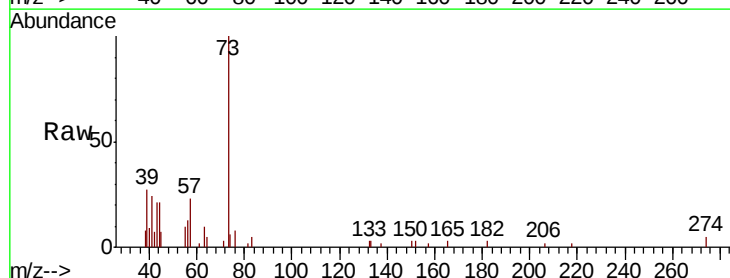
Acq: 5 May 2022 23:55

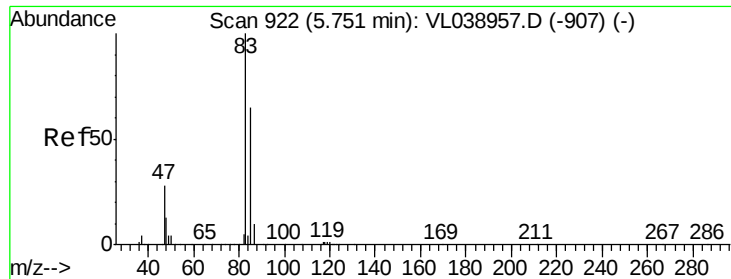
Tgt Ion: 73 Resp: 10556

Ion Ratio Lower Upper

73 100

57 32.9 18.8 28.2#



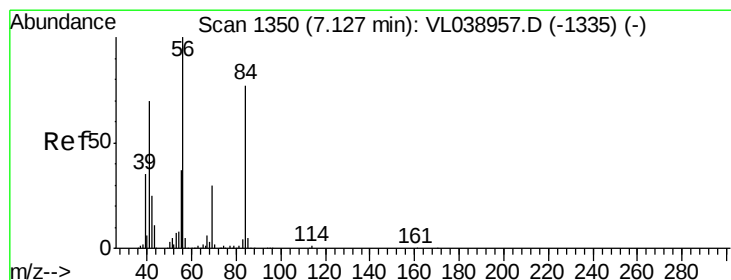
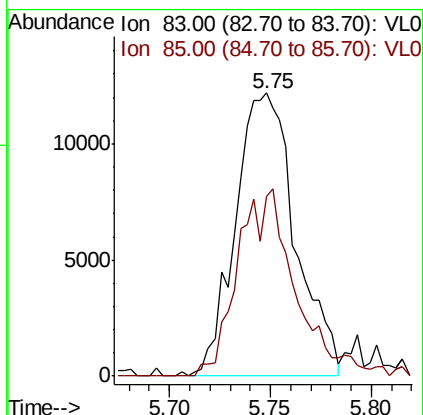
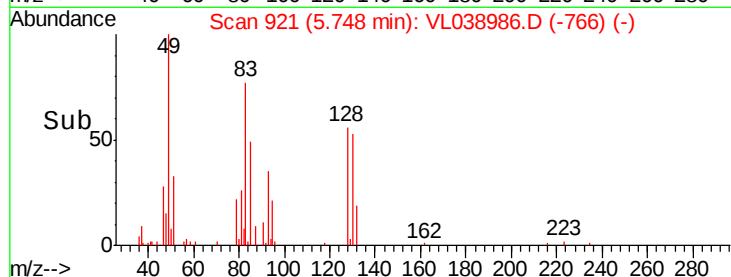
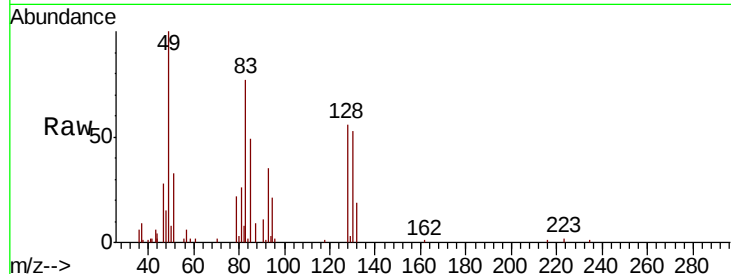


#29
Chloroform
Concen: 0.164 ppbv
RT: 5.75
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 May 2022 23:55

Tot Ion:
Ion Ratio
83 100
85 63.

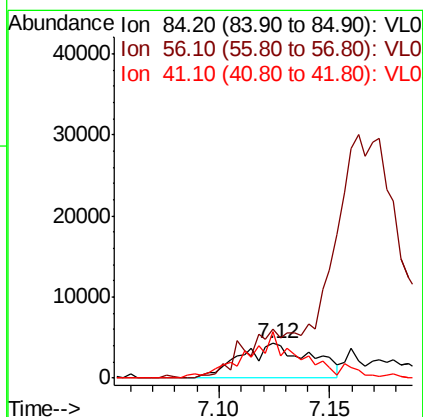
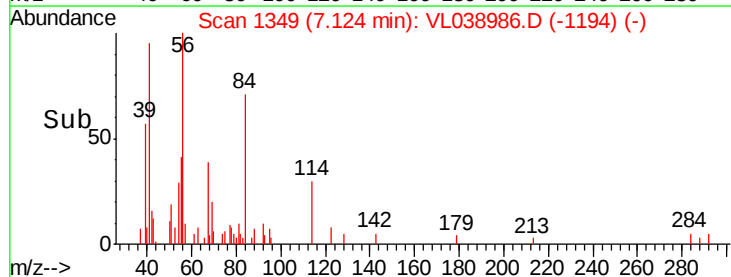
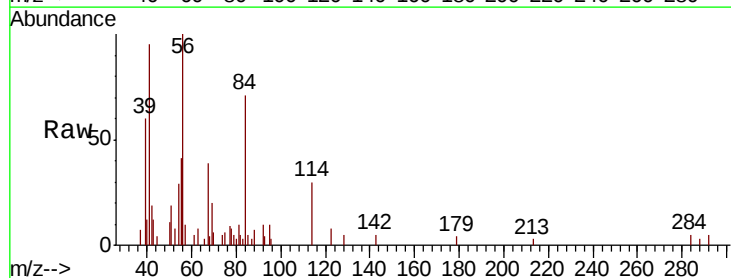
Manual Integrations
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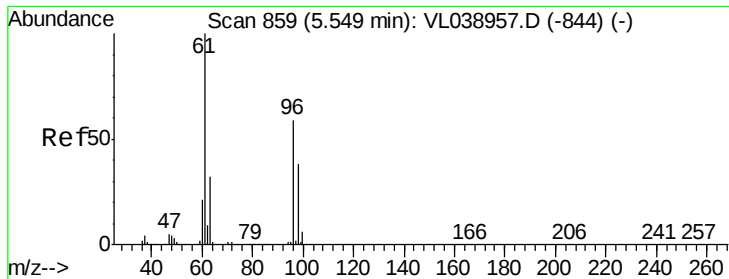
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#30
Cyclohexane
Concen: 0.120 ppbv m
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL038986.D
Acq: 5 May 2022 23:55

Tgt Ion: 84 Resp: 9612
Ion Ratio Lower Upper
84 100
56 0.0 115.3 172.9#
41 105.8 72.0 108.0



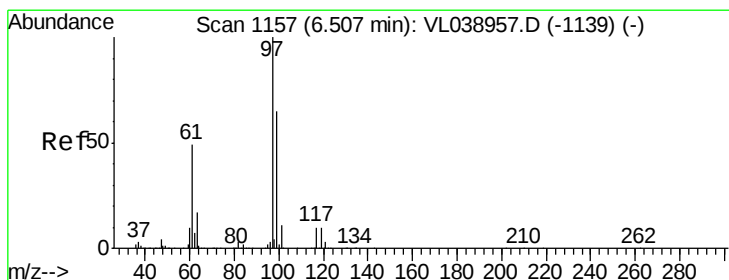
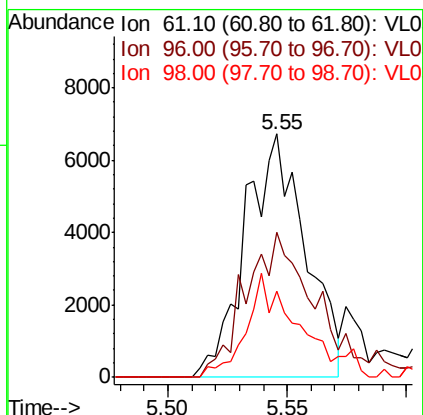
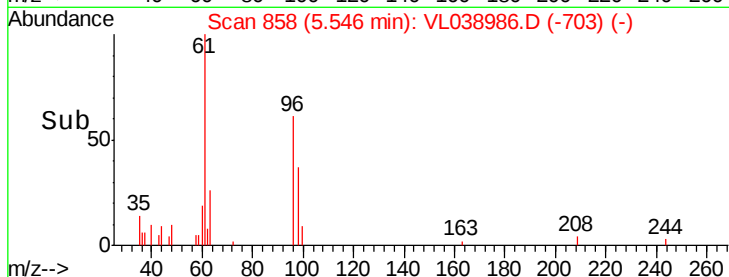
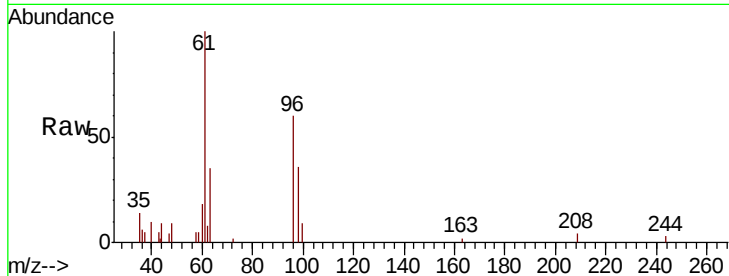


#31
 cis-1,2-Dichloroethene
 Concen: 0.121 ppbv m
 RT: 5.55
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 May 2022 23:55

Tot Ion:
 Ion Ratio
 61 100
 96 59.
 98 35.

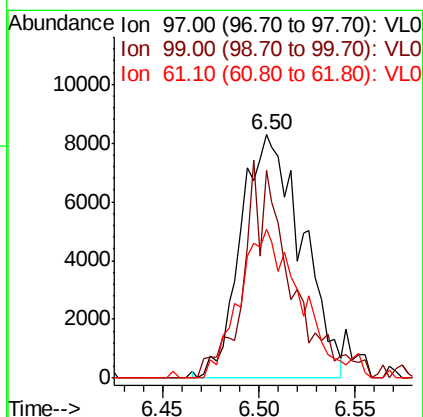
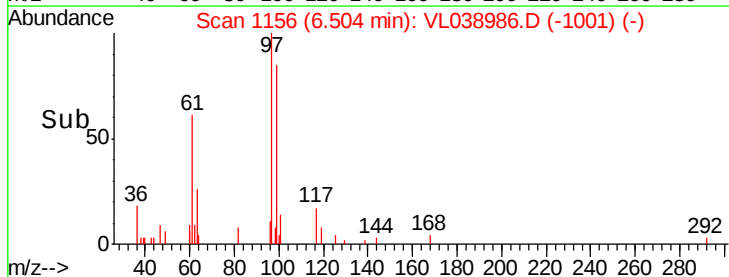
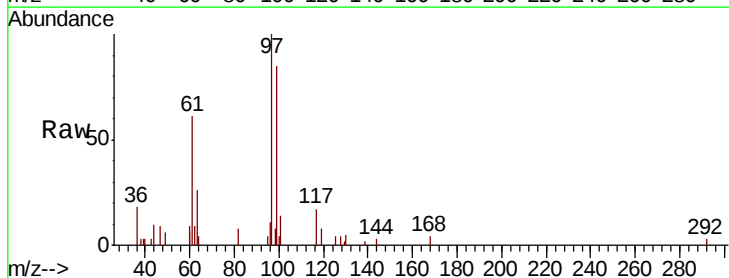
Manual Integrations
 APPROVED

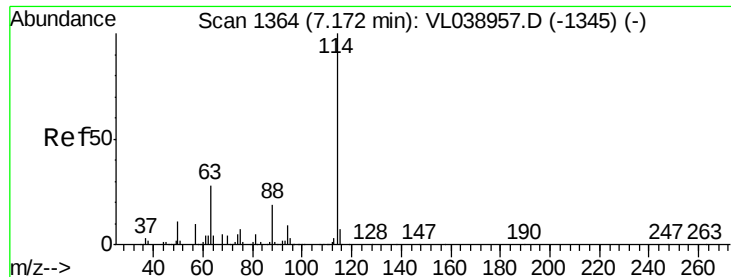
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.118 ppbv m
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VL038986.D
 Acq: 5 May 2022 23:55

Tgt Ion: 97 Resp: 18335
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.9 77.9#
 61 62.4 40.9 61.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 23:55

Tot Ion:1

Ion Rati

114 100

63 29.

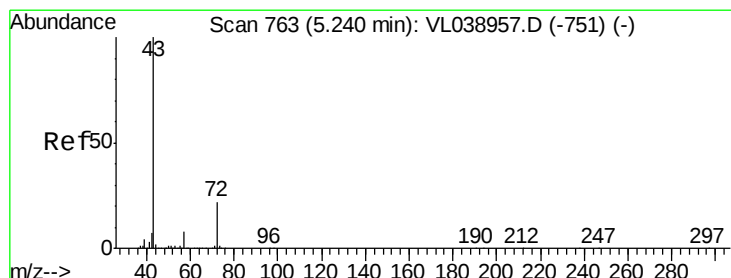
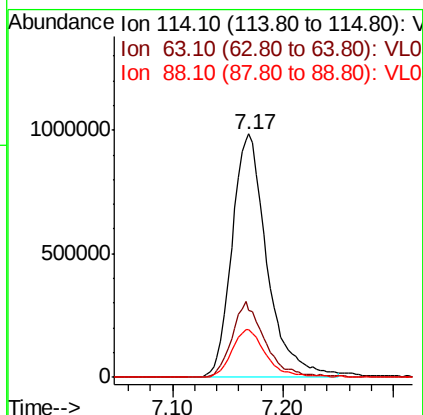
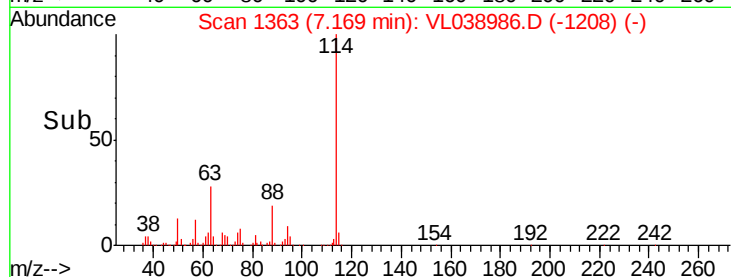
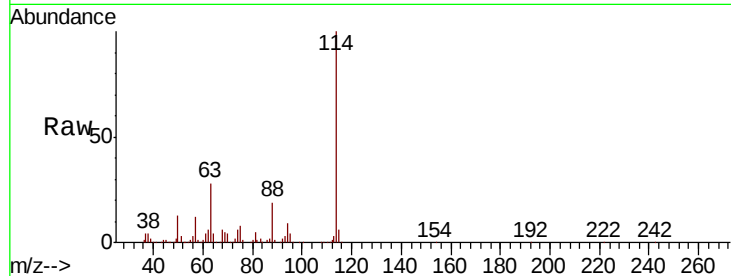
88 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#34

2-Butanone

Concen: 0.175 ppbv m

RT: 5.27 min Scan# 773

Delta R.T. 0.03 min

Lab File: VL038986.D

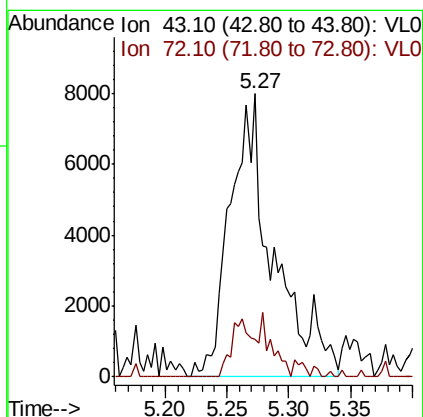
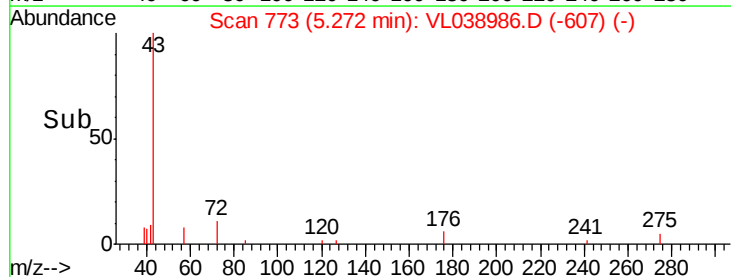
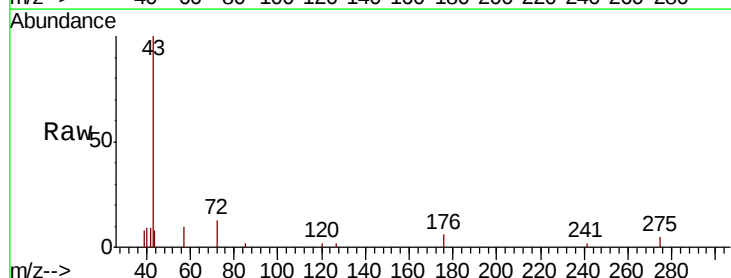
Acq: 5 May 2022 23:55

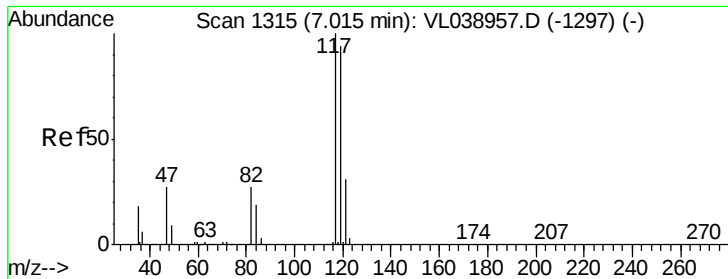
Tgt Ion: 43 Resp: 19376

Ion Ratio Lower Upper

43 100

72 0.0 17.8 26.6#





#35

Carbon Tetrachloride

Concen: 0.139 ppbv m

RT: 7.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCCC010EC

Tot Ion:1

Ion Rati

117 100

119 86.

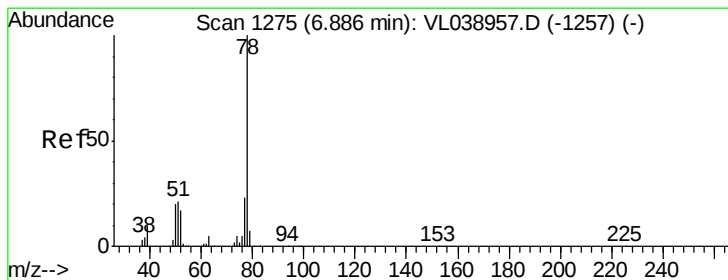
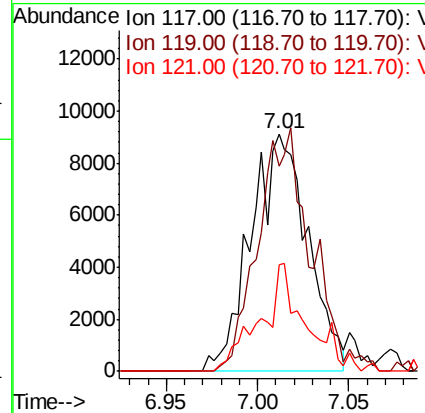
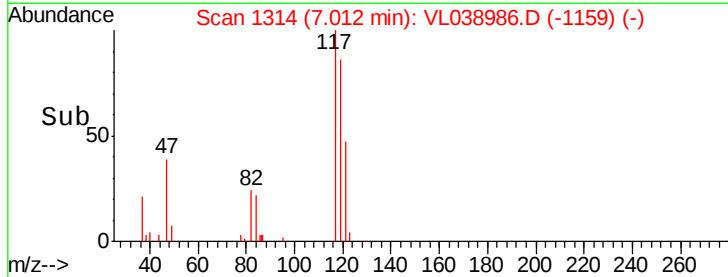
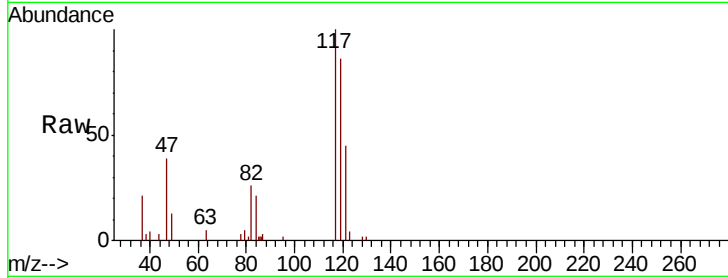
121 44.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#36

Benzene

Concen: 0.130 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

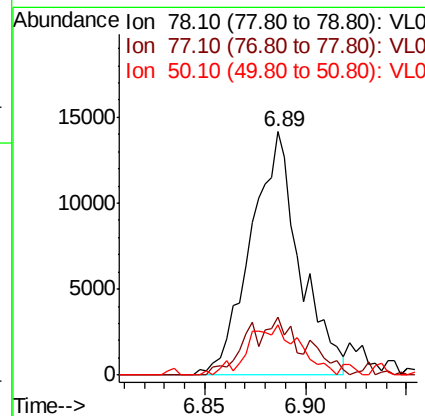
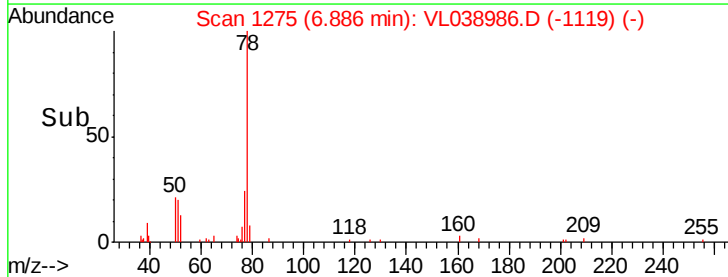
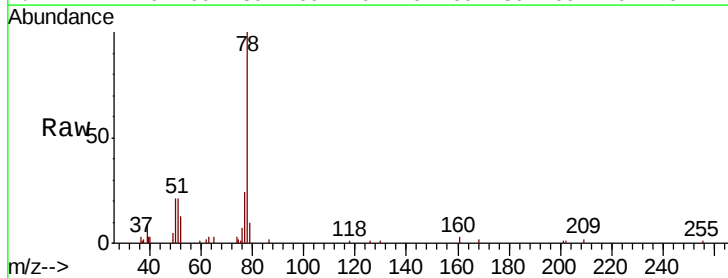
Tgt Ion: 78 Resp: 24007

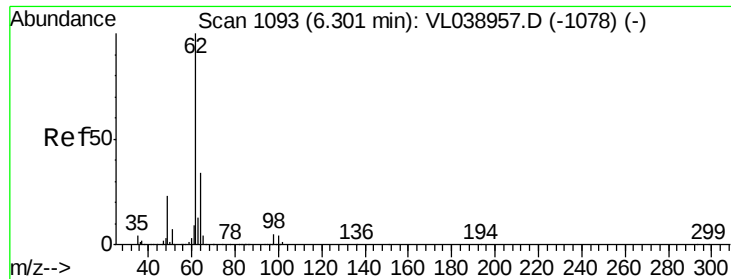
Ion Ratio Lower Upper

78 100

77 23.7 18.6 28.0

50 20.7 15.6 23.4



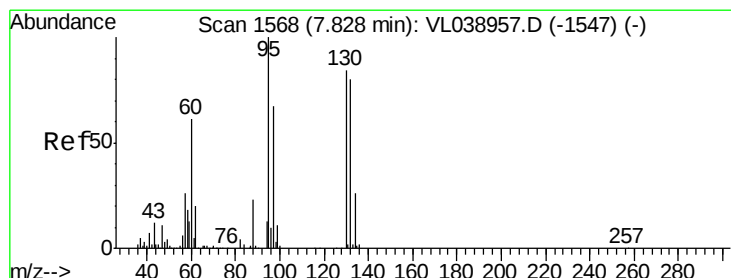
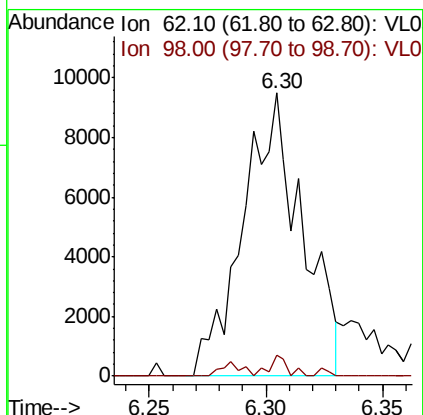
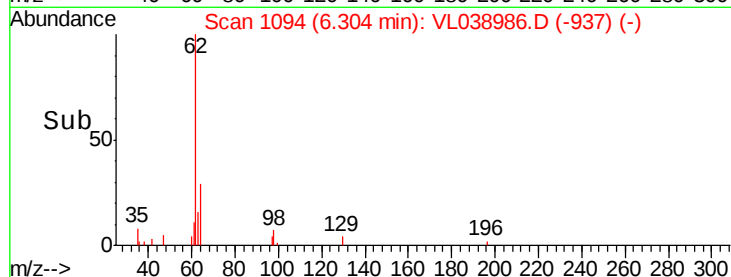
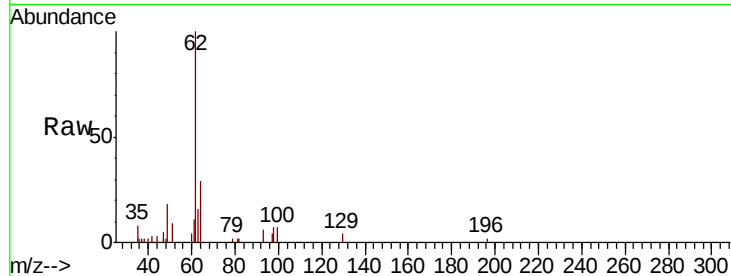


#37
 1,2-Dichloroethane
 Concen: 0.146 ppbv m
 RT: 6.30
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 May 2022 23:55

Tot Ion:
 Ion Ratio
 62 100
 98 0.

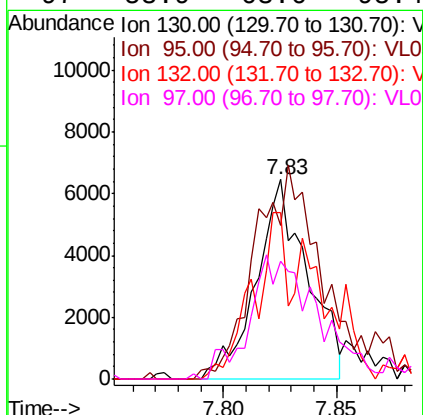
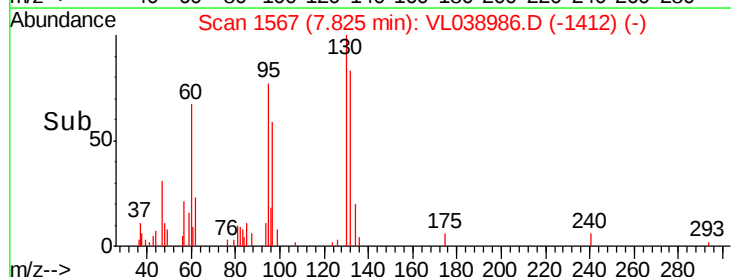
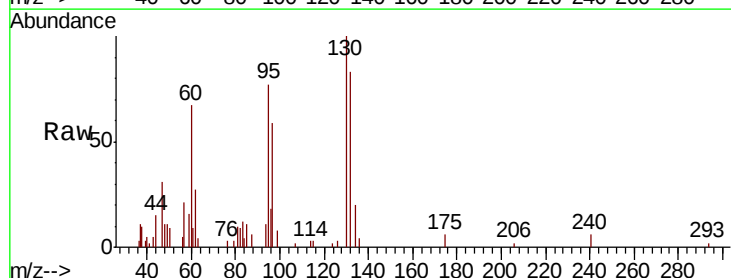
Manual Integrations
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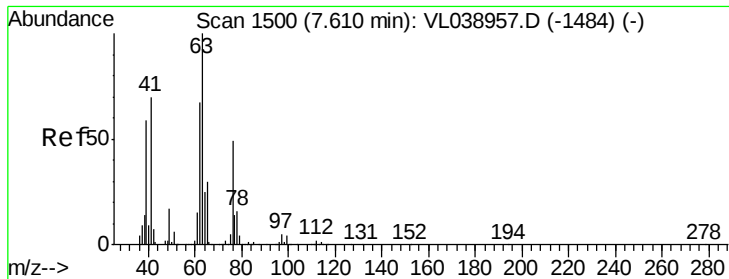
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#38
 Trichloroethene
 Concen: 0.122 ppbv m
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VL038986.D
 Acq: 5 May 2022 23:55

Tgt Ion:130 Resp: 10073
 Ion Ratio Lower Upper
 130 100
 95 77.0 94.8 142.2#
 132 83.3 75.8 113.8
 97 58.9 63.6 95.4#





#39

1,2-Dichloropropane

Concen: 0.150 ppbv m

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDC010EC

Tot Ion:

Ion Ratio

63 100

41 63.

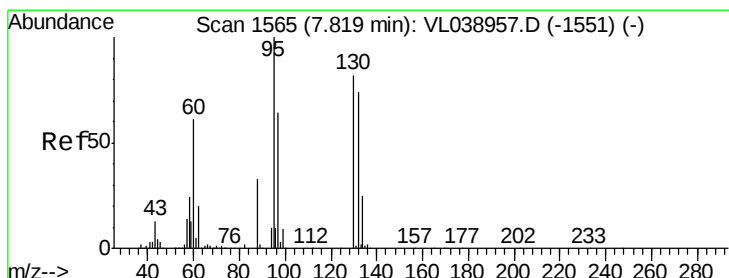
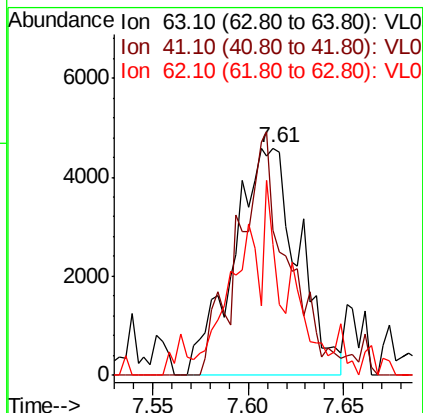
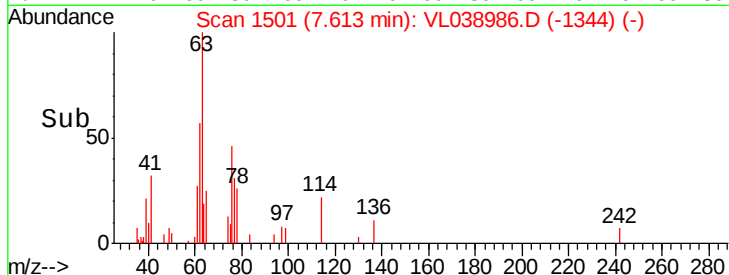
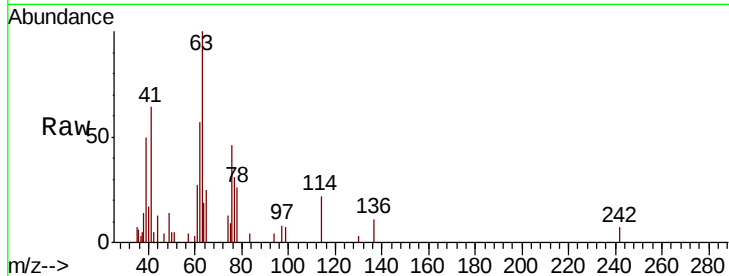
62 57.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#40

1,4-Dioxane

Concen: 0.170 ppbv m

RT: 7.88 min Scan# 1585

Delta R.T. 0.06 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

Tgt Ion: 88 Resp: 4396

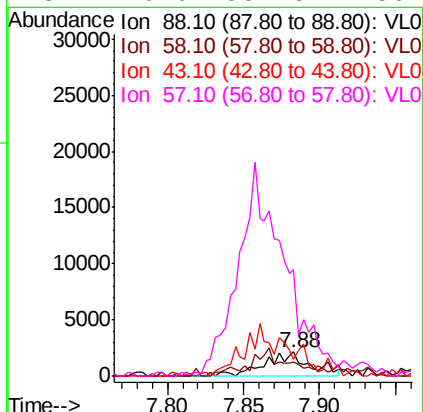
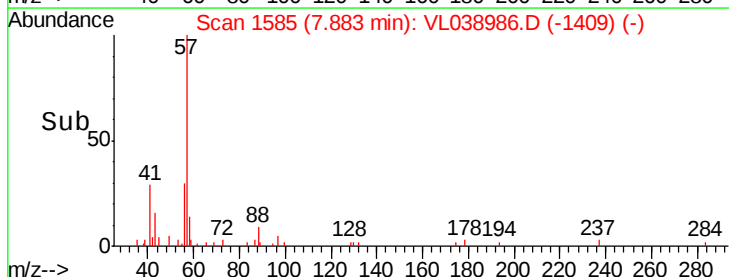
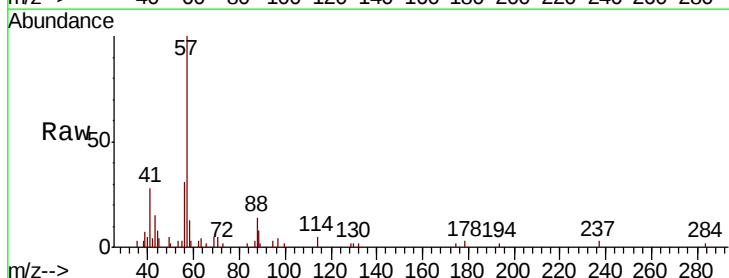
Ion Ratio Lower Upper

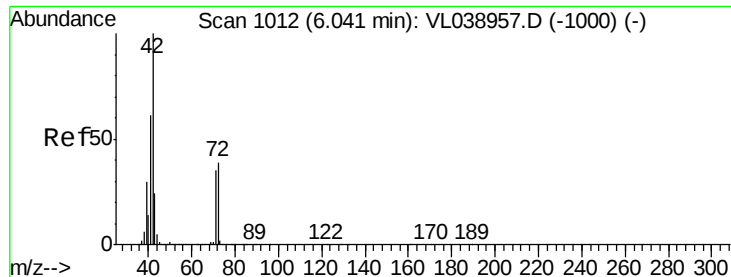
88 100

58 0.0 106.1 159.1#

43 0.0 222.9 334.3#

57 0.0 957.6 1436.4#





#41

Tetrahydrofuran

Concen: 0.135 ppbv m

RT: 6.09 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 23:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

42 100

72 0.

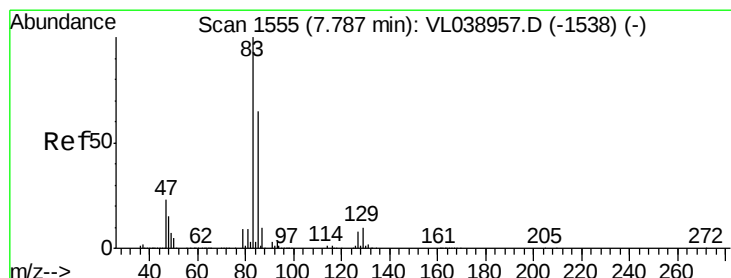
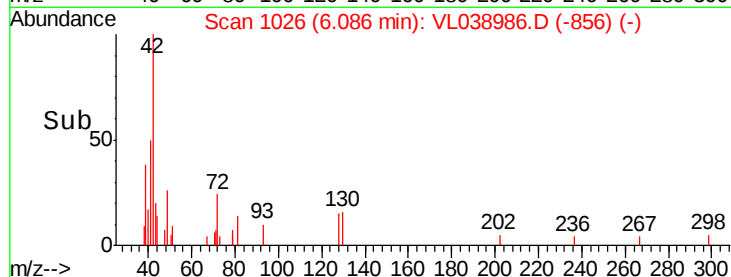
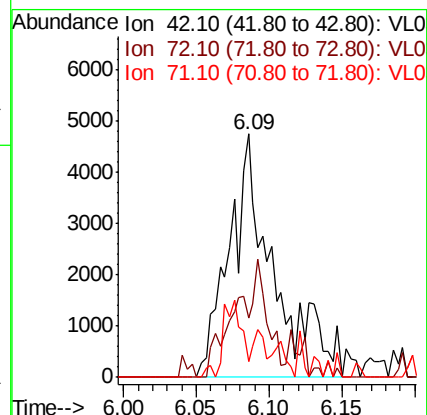
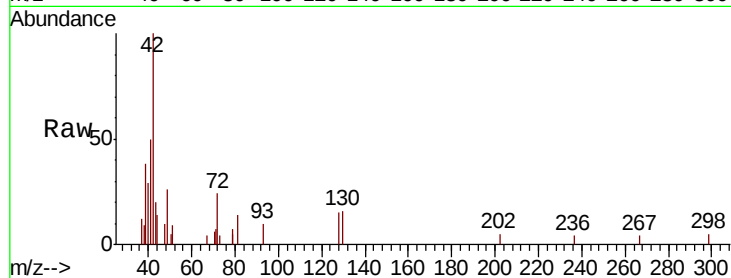
71 25.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#42

Bromodichloromethane

Concen: 0.131 ppbv m

RT: 7.78 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

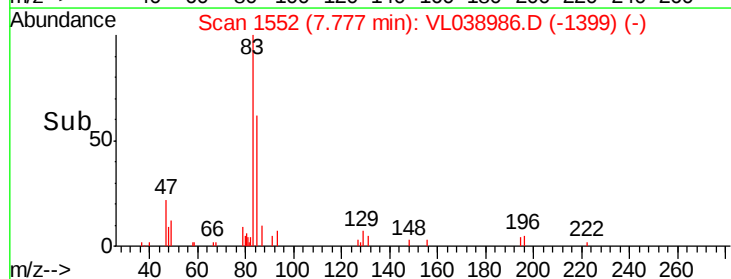
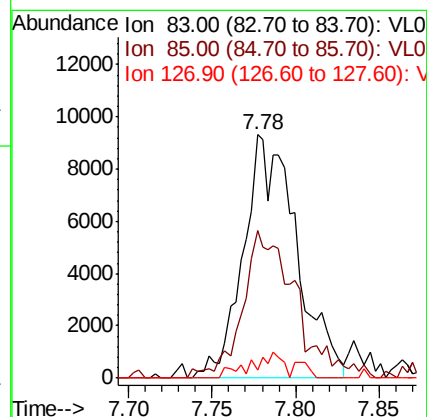
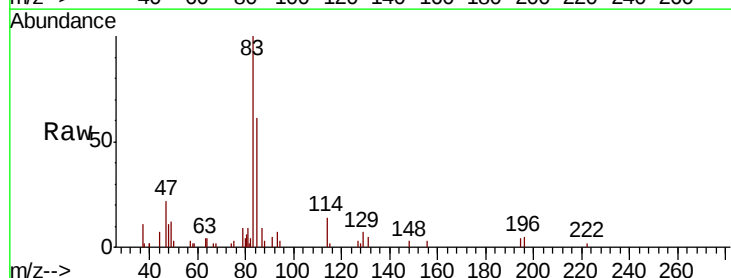
Tgt Ion: 83 Resp: 20531

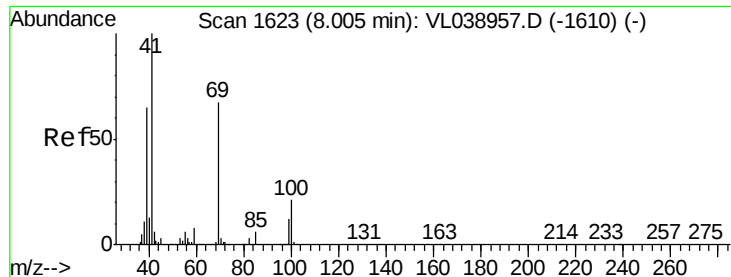
Ion Ratio Lower Upper

83 100

85 60.5 52.0 78.0

127 3.2 6.0 9.0#





#43

Methyl Methacrylate

Concen: 0.105 ppbv m

RT: 8.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCC010EC

Tot Ion:

Ion Ratio

69 100

41 0.

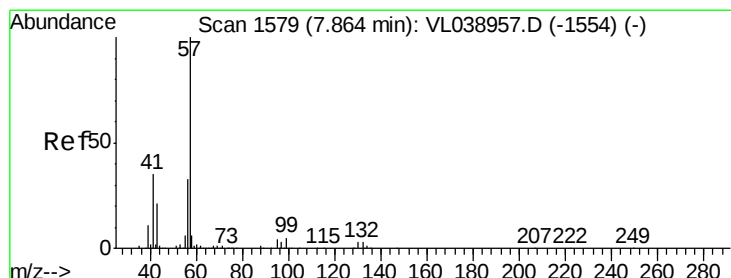
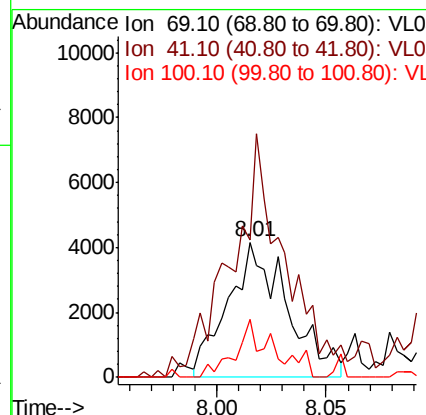
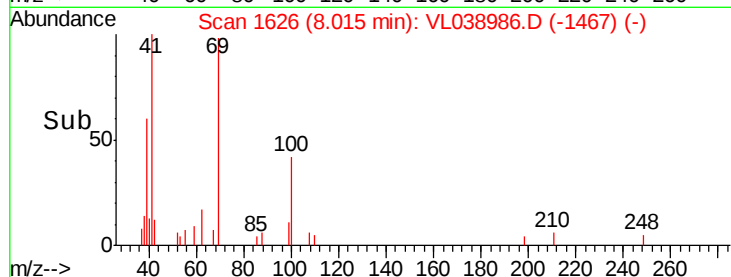
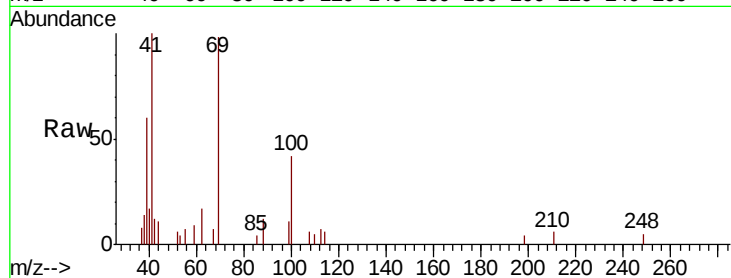
100 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#44

2,2,4-Trimethylpentane

Concen: 0.123 ppbv m

RT: 7.86 min Scan# 1577

Delta R.T. -0.01 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

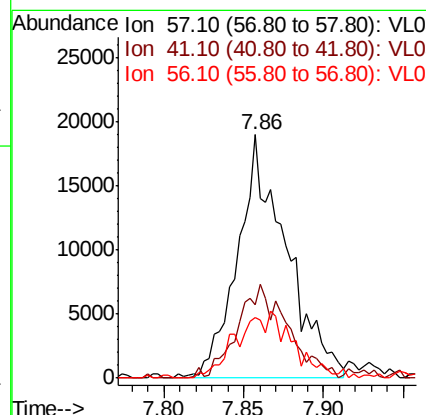
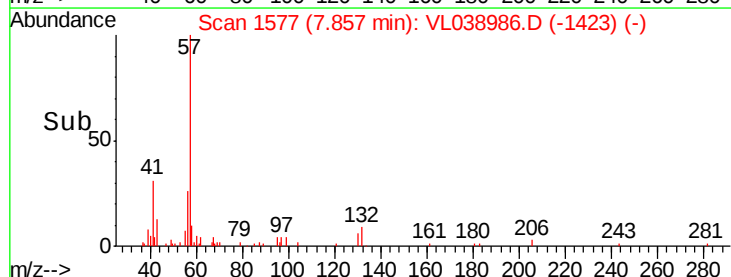
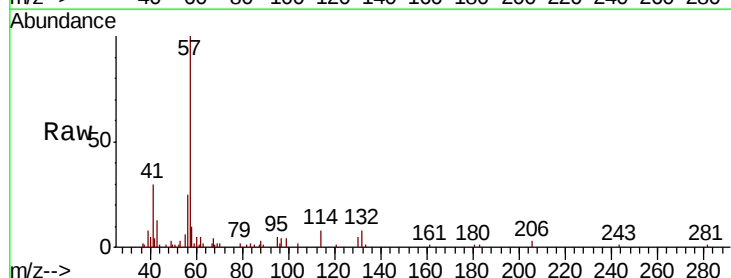
Tgt Ion: 57 Resp: 40013

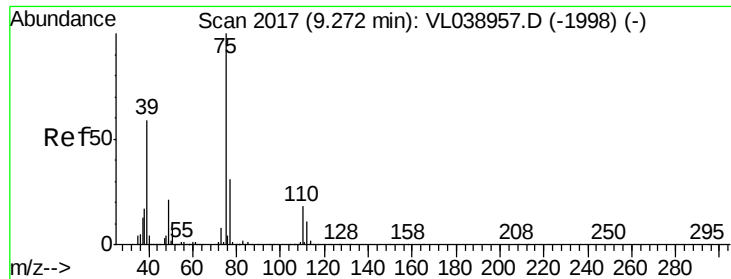
Ion Ratio Lower Upper

57 100

41 41.6 26.3 39.5#

56 0.0 24.6 37.0#





#45

t-1,3-Dichloropropene

Concen: 0.071 ppbv m

RT: 9.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

75 100

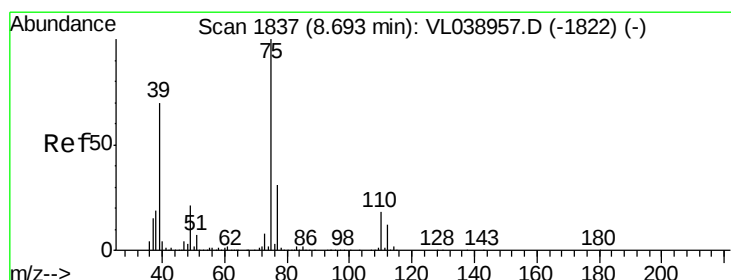
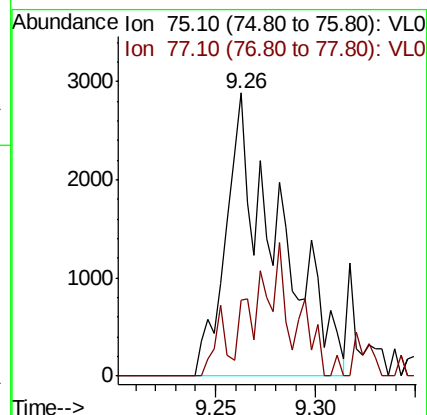
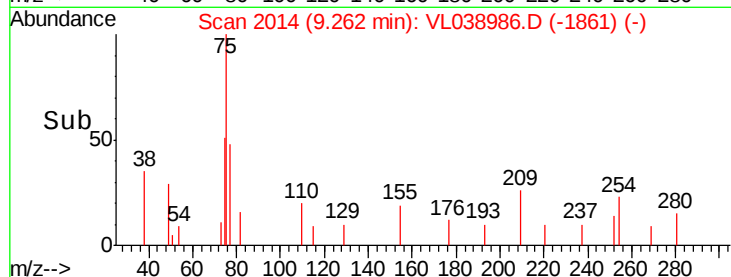
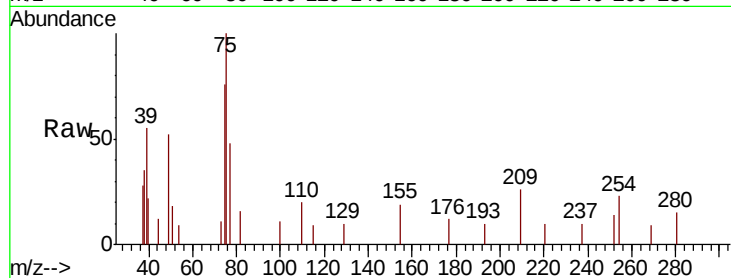
77 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#46

cis-1,3-Dichloropropene

Concen: 0.096 ppbv m

RT: 8.70 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

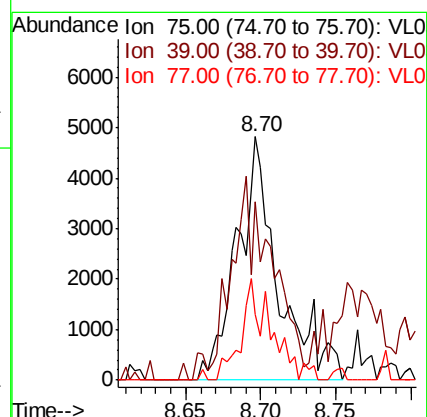
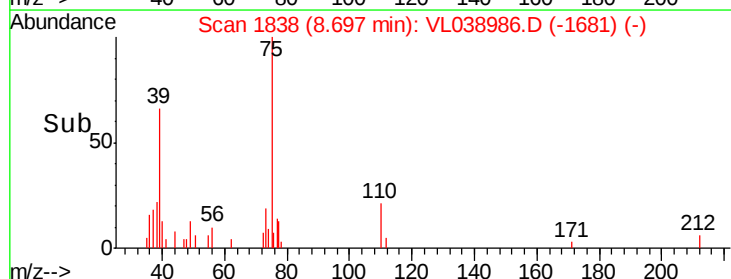
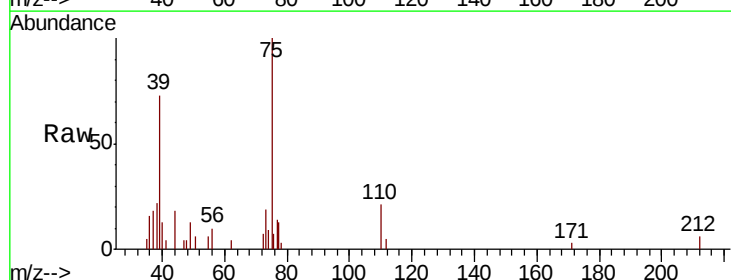
Tgt Ion: 75 Resp: 9309

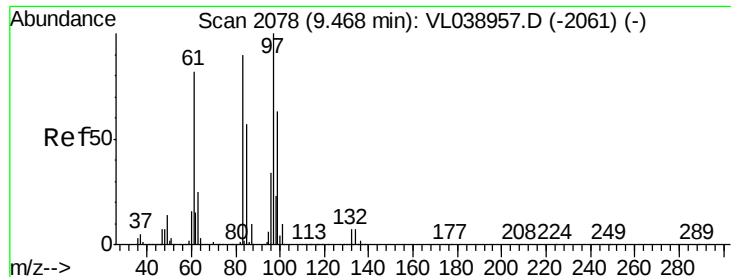
Ion Ratio Lower Upper

75 100

39 73.0 55.8 83.6

77 13.8 24.8 37.2#



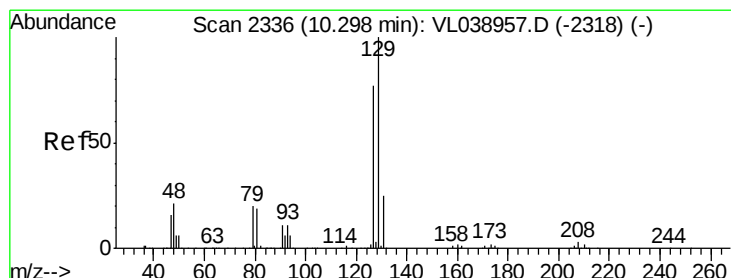
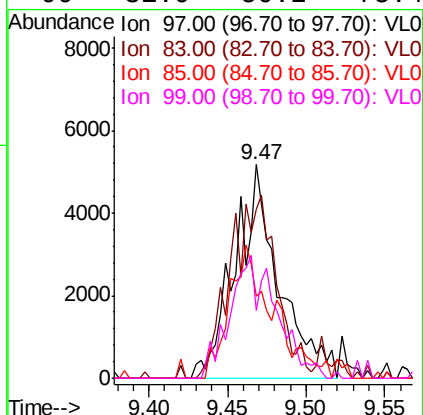
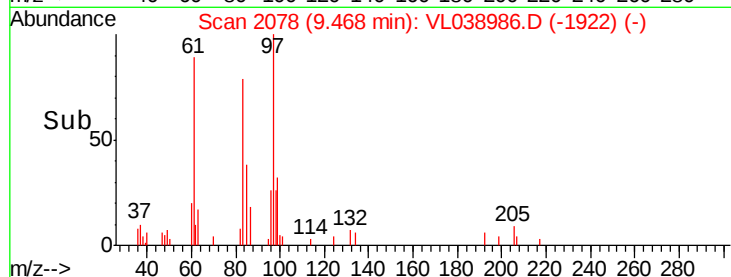
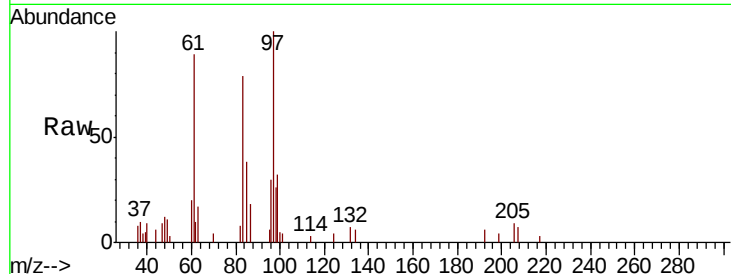


#47
 1,1,2-Trichloroethane
 Concen: 0.134 ppbv m
 RT: 9.47
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 May 2022 23:55

Tot Ion:
 Ion Ratio
 97 100
 83 79.
 85 38.
 99 31.9 50.2 75.4#

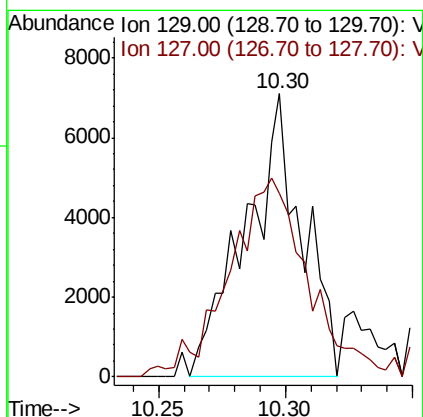
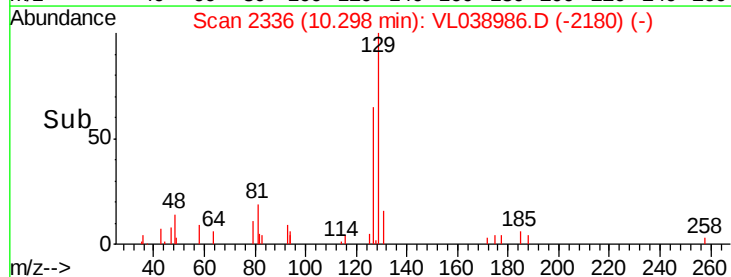
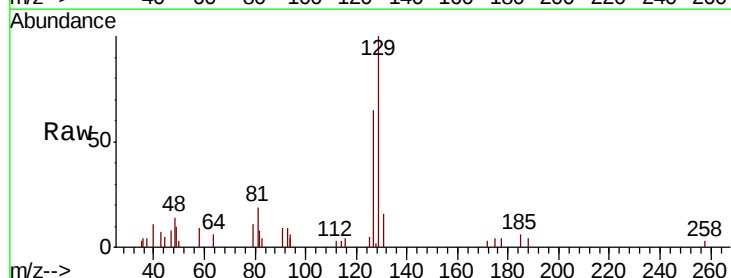
Manual Integrations
 APPROVED

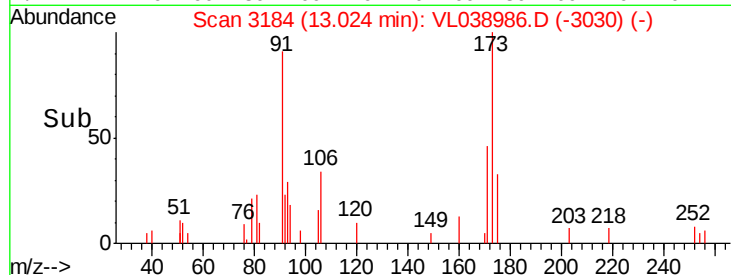
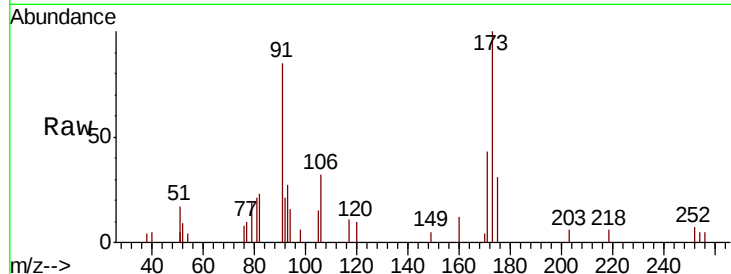
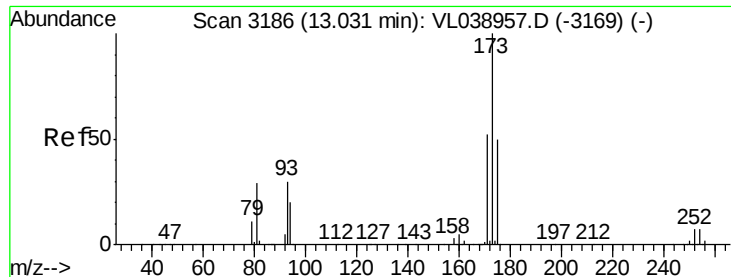
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#48
 Dibromochloromethane
 Concen: 0.090 ppbv m
 RT: 10.30 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: VL038986.D
 Acq: 5 May 2022 23:55

Tgt Ion:129 Resp: 11024
 Ion Ratio Lower Upper
 129 100
 127 102.1 39.3 117.9





#49

Bromoform

Concen: 0.092 ppbv m

RT: 13.02

Delta R.T.

Lab File:

Acq: 5 May 2022 23:55

Instrument:

MSVOA_L

ClientSampleId:

VSTDCCC010EC

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022

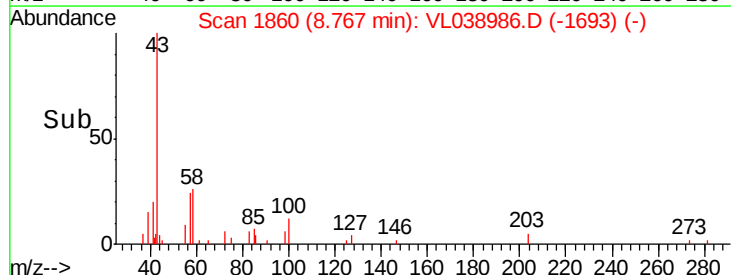
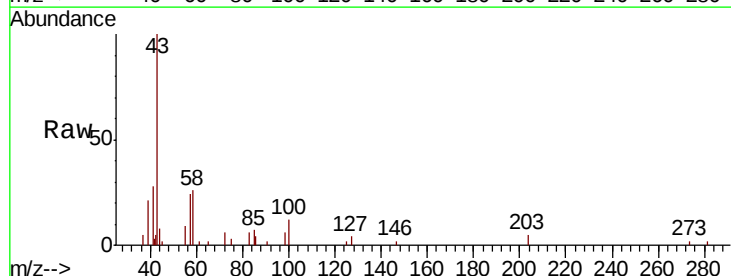
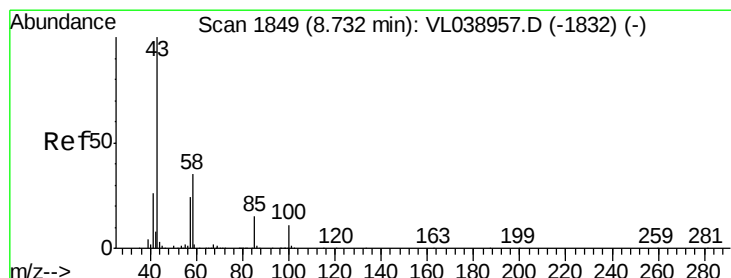
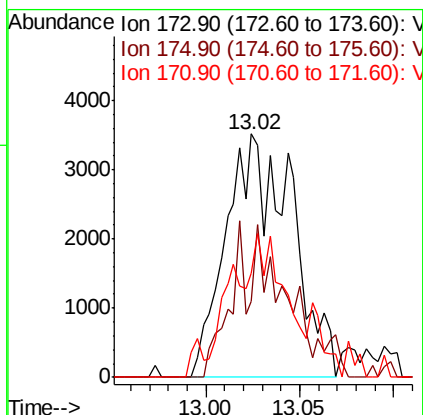
Tot Ion:1

Ion Rati

173 100

175 0.

171 59.



#50

4-Methyl-2-Pentanone

Concen: 0.116 ppbv m

RT: 8.77 min Scan# 1860

Delta R.T. 0.04 min

Lab File: VL038986.D

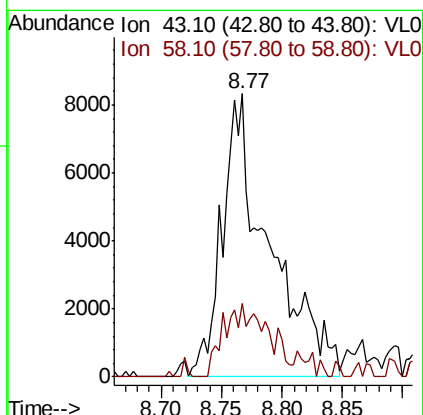
Acq: 5 May 2022 23:55

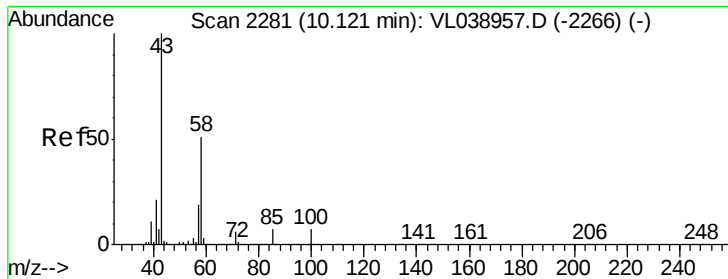
Tgt Ion: 43 Resp: 22470

Ion Ratio Lower Upper

43 100

58 0.0 28.4 42.6#



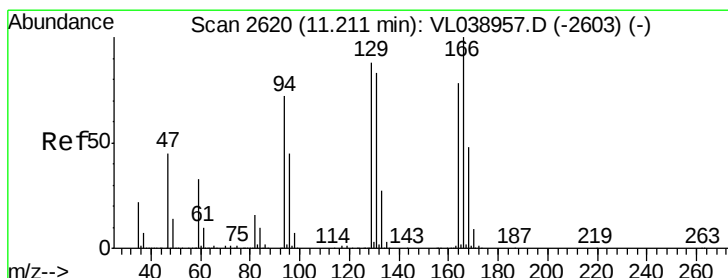
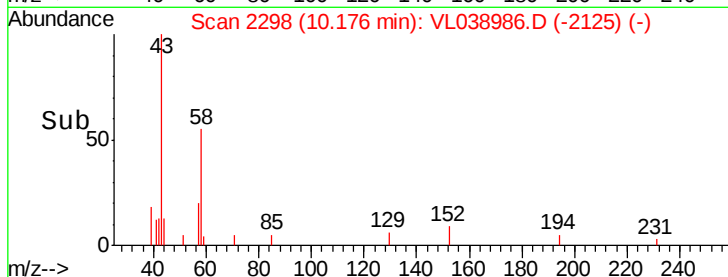
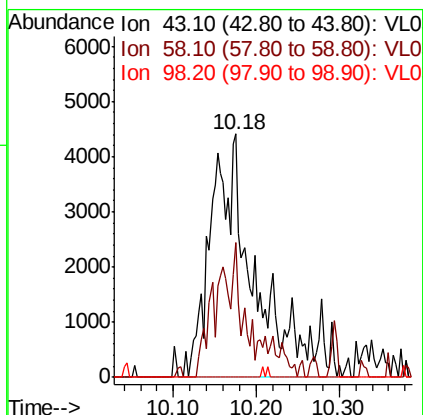
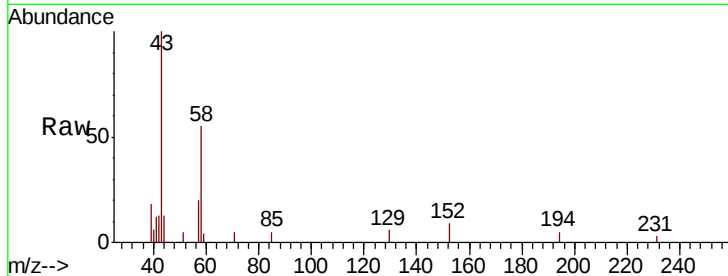


#51
2-Hexanone
Concen: 0.116 ppbv m
RT: 10.18 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 23:55

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

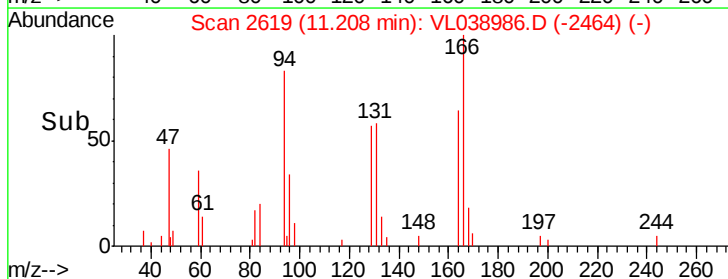
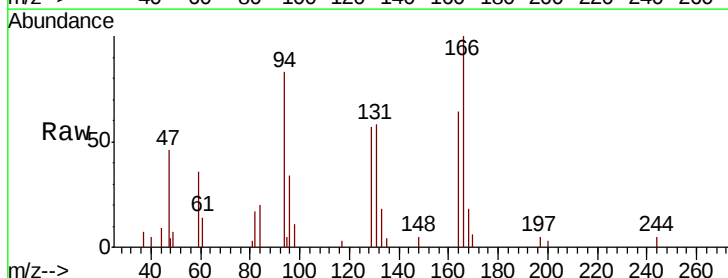
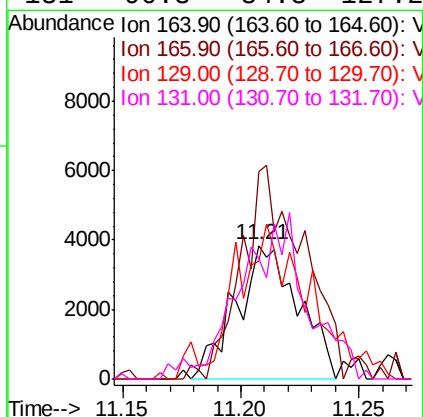
Manual Integrations
APPROVED

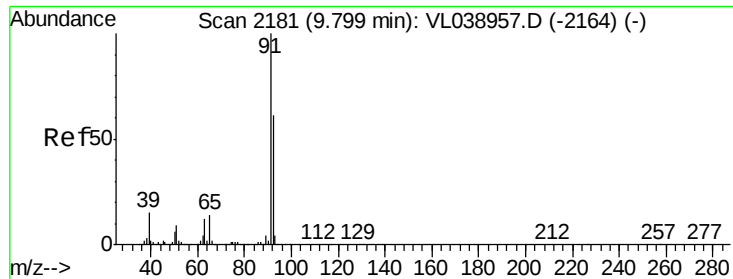
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#52
Tetrachloroethene
Concen: 0.107 ppbv m
RT: 11.21 min Scan# 2619
Delta R.T.: -0.00 min
Lab File: VL038986.D
Acq: 5 May 2022 23:55

Tgt Ion:164 Resp: 7091
Ion Ratio Lower Upper
164 100
166 155.4 102.5 153.7#
129 88.3 90.1 135.1#
131 90.3 84.8 127.2





#53

Toluene

Concen: 0.115 ppbv m

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:55 VSTDCCC010EC

Tot Ion:

Ion Ratio

91 100

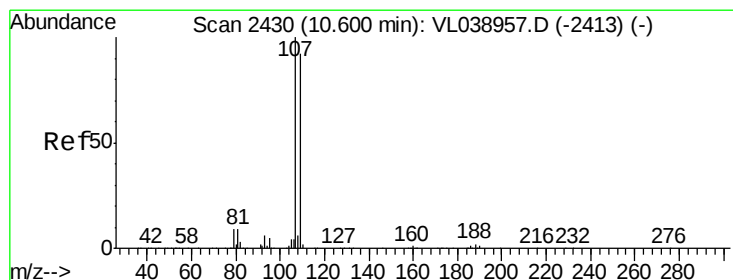
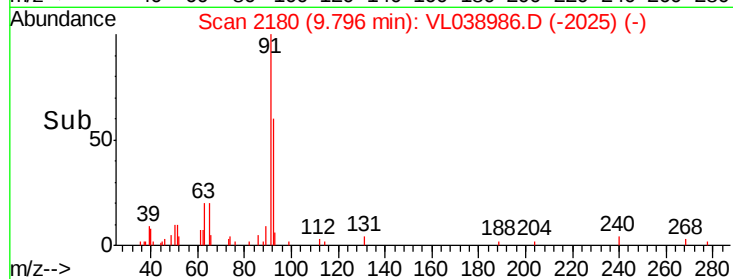
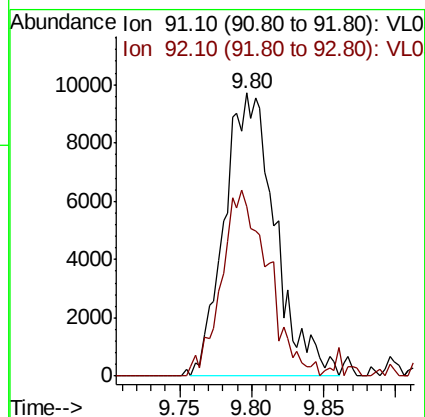
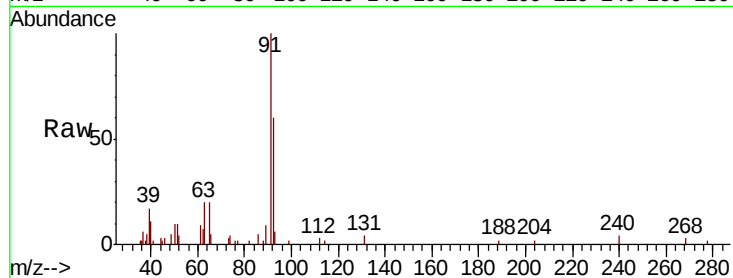
92 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#54

1,2-Dibromoethane

Concen: 0.122 ppbv m

RT: 10.61 min Scan# 2432

Delta R.T. 0.01 min

Lab File: VL038986.D

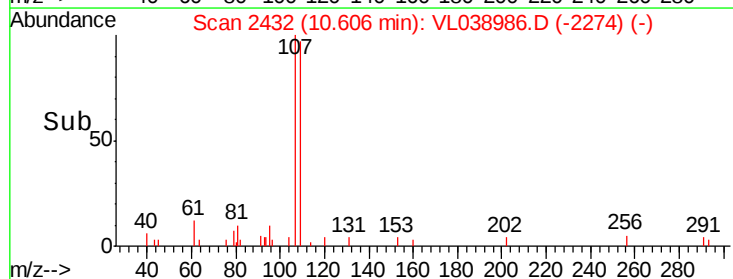
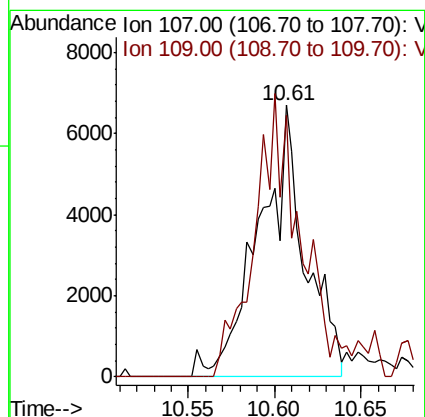
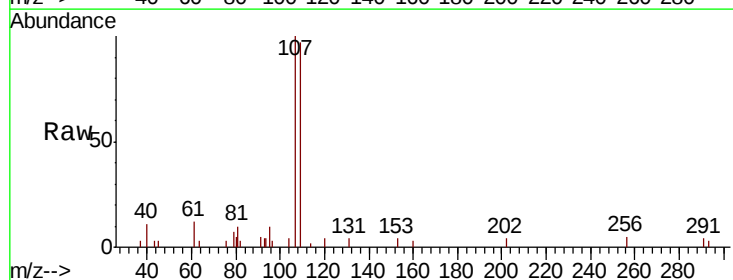
Acq: 5 May 2022 23:55

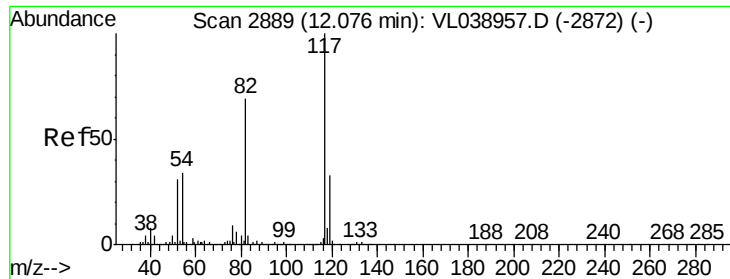
Tgt Ion:107 Resp: 12415

Ion Ratio Lower Upper

107 100

109 96.6 73.8 110.8



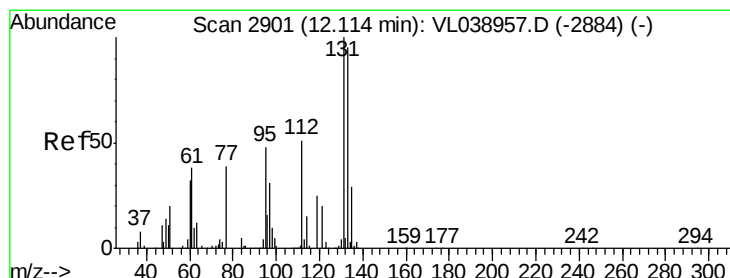
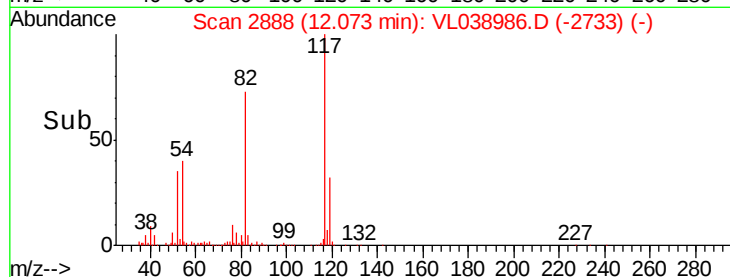
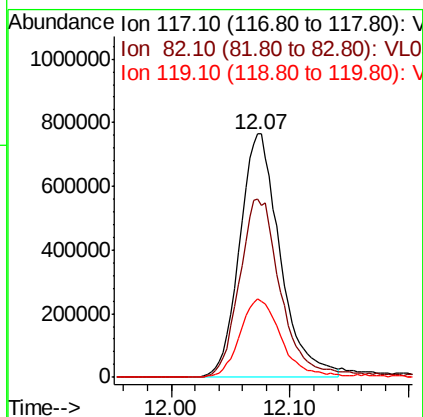
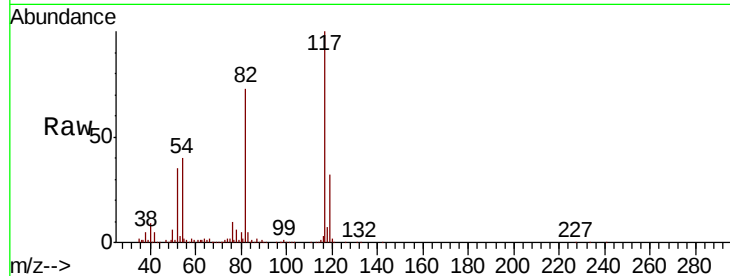


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_L
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 5 May 2022 23:55

Tot Ion:1
Ion Rati
117 100
82 76.
119 33.

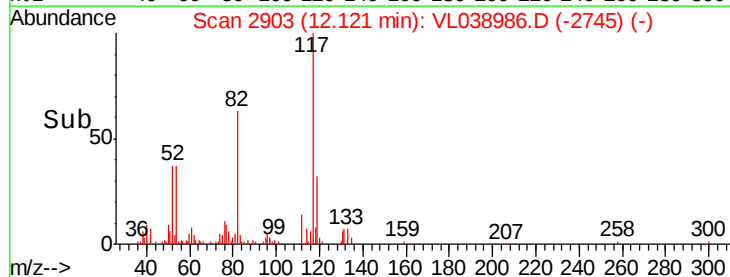
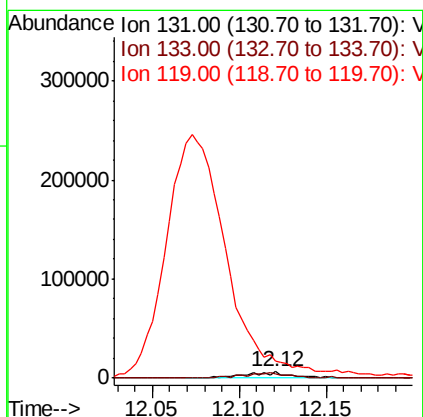
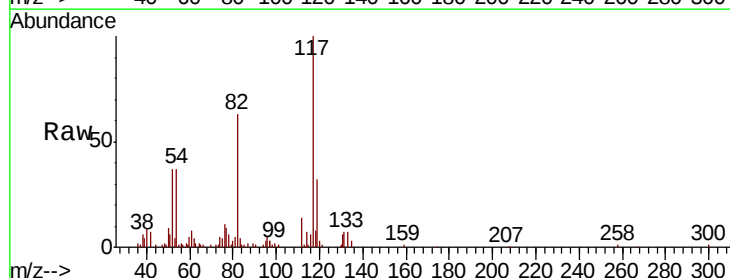
Manual Integrations
APPROVED

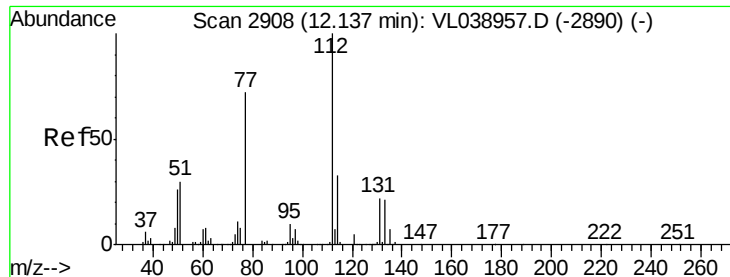
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.145 ppbv m
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL038986.D
Acq: 5 May 2022 23:55

Tgt Ion:131 Resp: 11454
Ion Ratio Lower Upper
131 100
133 0.0 76.9 115.3#
119 0.0 47.4 71.0#



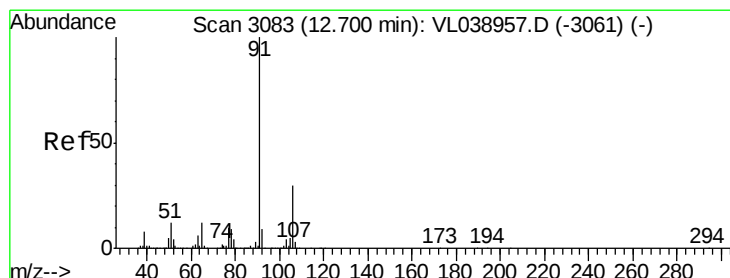
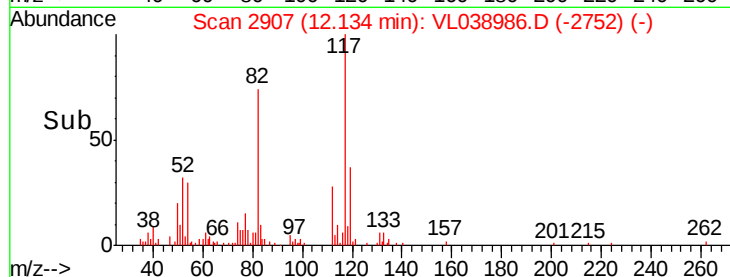
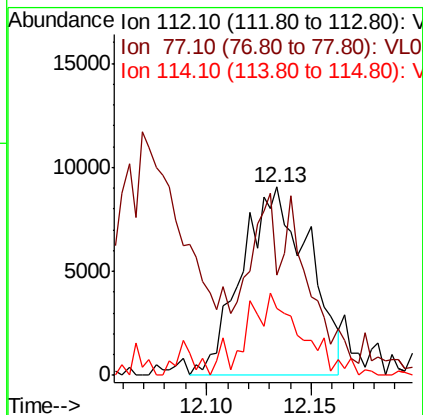
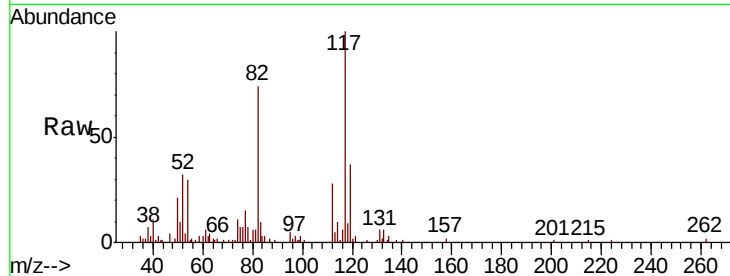


#57
Chlorobenzene
Concen: 0.149 ppbv m
RT: 12.13
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 5 May 2022 23:55

Tot Ion:1
Ion Rati
112 100
77 53.
114 35.

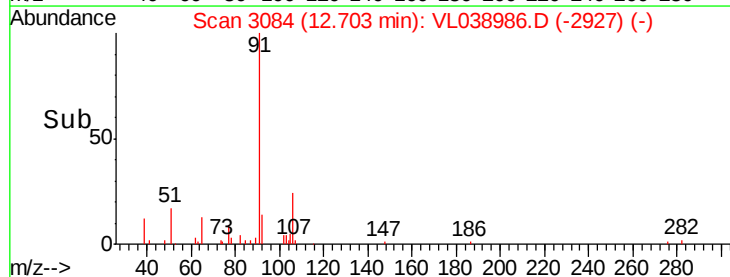
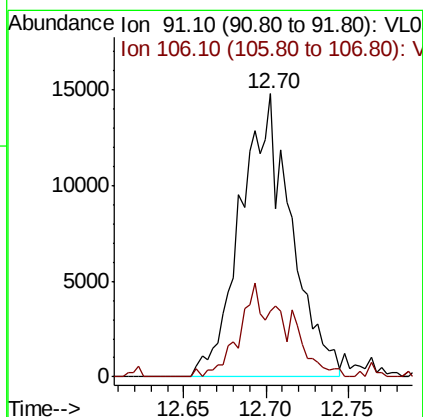
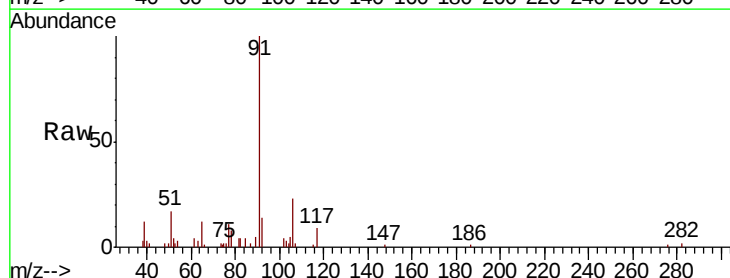
Manual Integrations
APPROVED

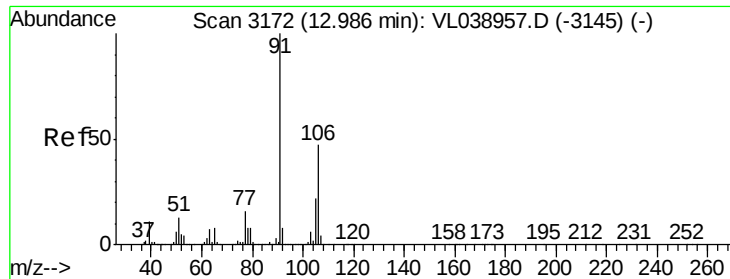
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#58
Ethyl Benzene
Concen: 0.122 ppbv m
RT: 12.70 min Scan# 3084
Delta R.T. 0.00 min
Lab File: VL038986.D
Acq: 5 May 2022 23:55

Tgt Ion: 91 Resp: 31558
Ion Ratio Lower Upper
91 100
106 23.4 24.2 36.4#



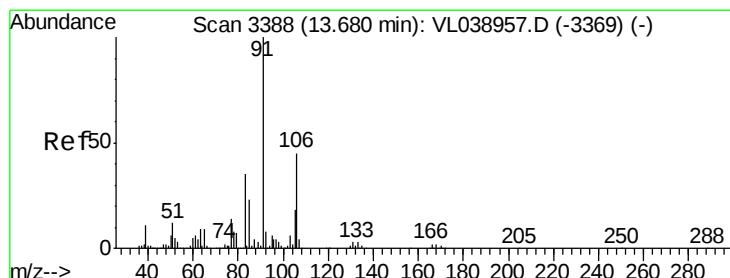
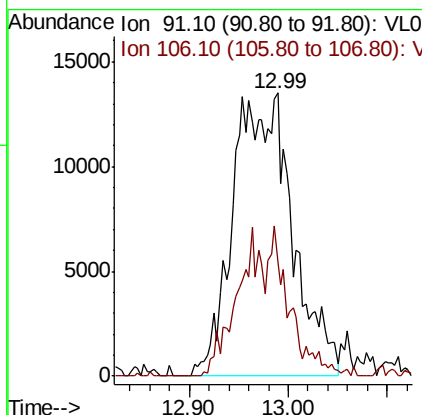
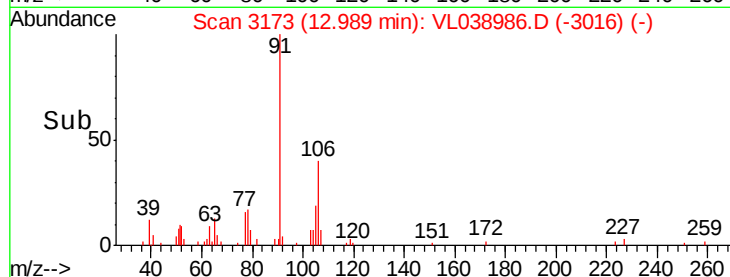
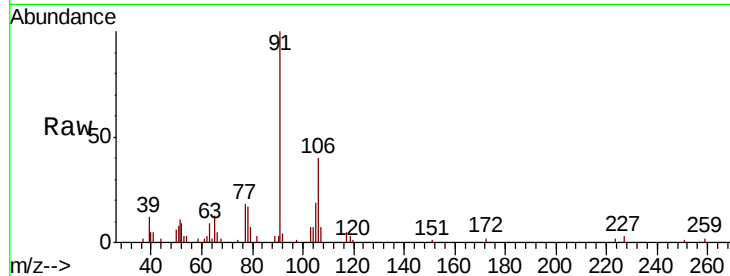


#59
m/p-Xylene
Concen: 0.252 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 5 May 2022 23:55

Tot Ion:
Ion Ratio
91 100
106 42.

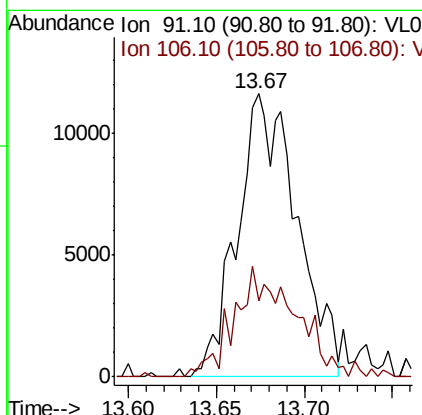
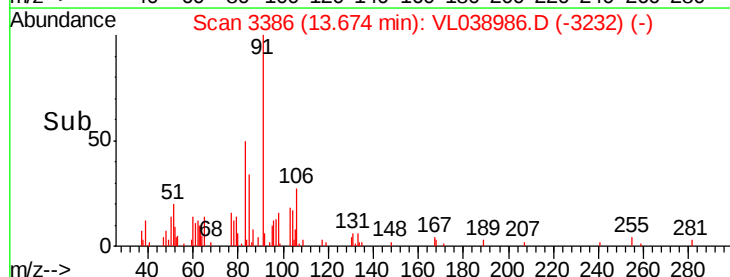
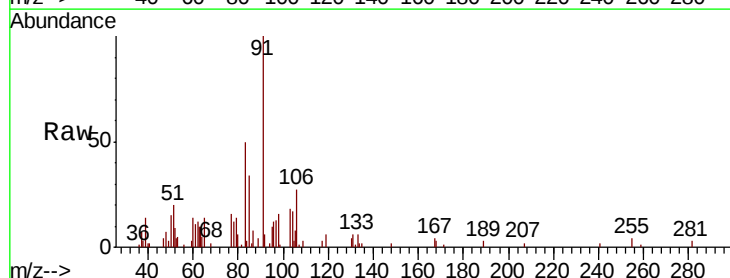
Manual Integrations
APPROVED

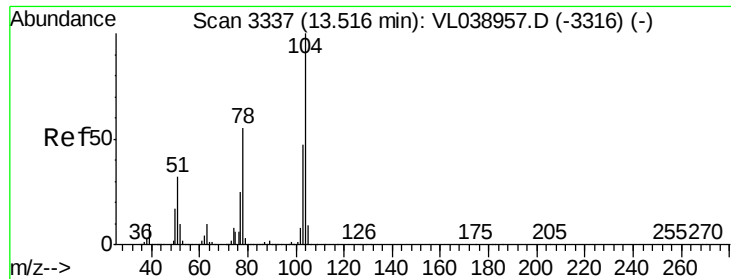
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#60
o-Xylene
Concen: 0.131 ppbv m
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL038986.D
Acq: 5 May 2022 23:55

Tgt Ion: 91 Resp: 27347
Ion Ratio Lower Upper
91 100
106 39.7 22.2 66.6



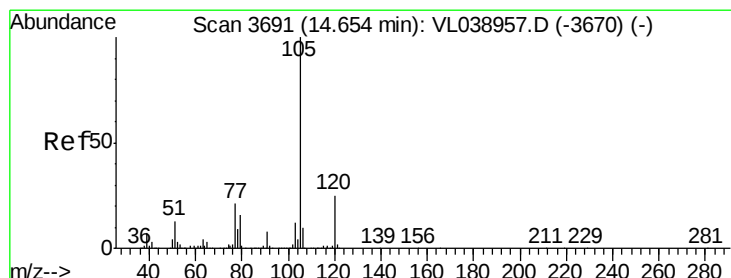
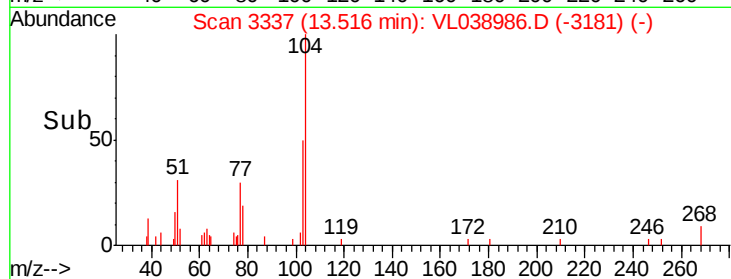
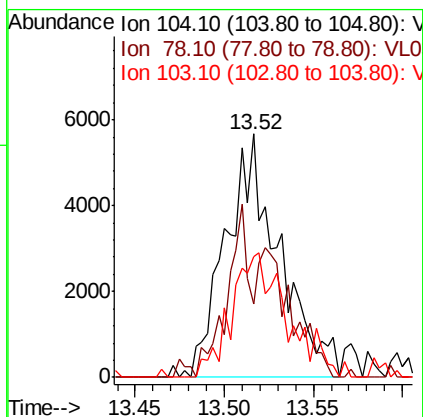
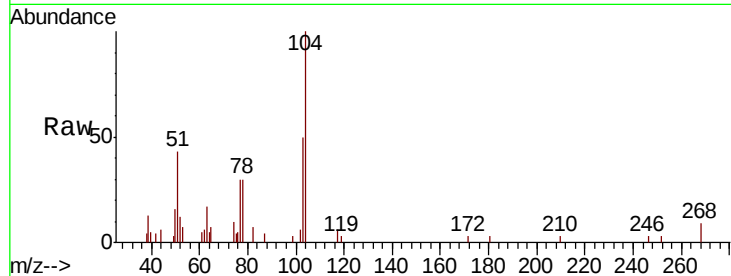


#61
Stvrene
Concen: 0.105 ppbv m
RT: 13.52
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 5 May 2022 23:55

Tot Ion:1
Ion Rati
104 100
78 65.
103 54.

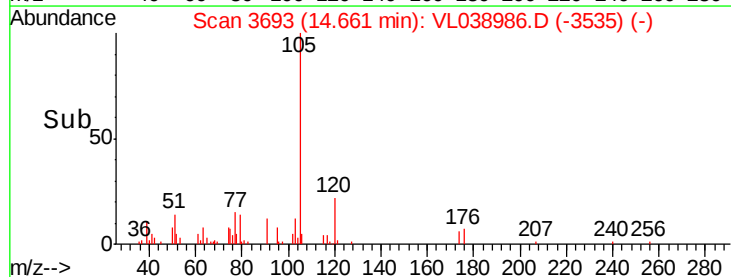
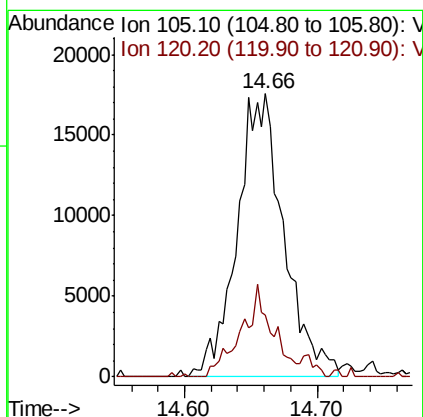
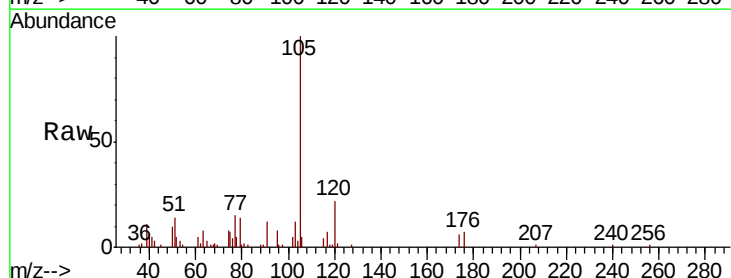
Manual Integrations
APPROVED

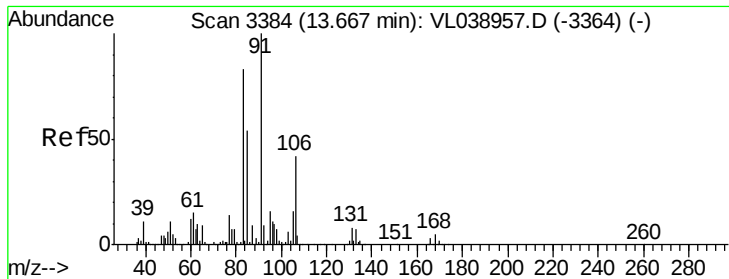
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#62
Isopropylbenzene
Concen: 0.161 ppbv m
RT: 14.66 min Scan# 3693
Delta R.T. 0.01 min
Lab File: VL038986.D
Acq: 5 May 2022 23:55

Tgt Ion:105 Resp: 42790
Ion Ratio Lower Upper
105 100
120 0.0 20.5 30.7#



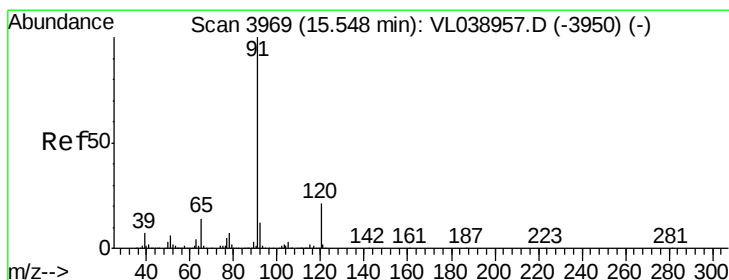
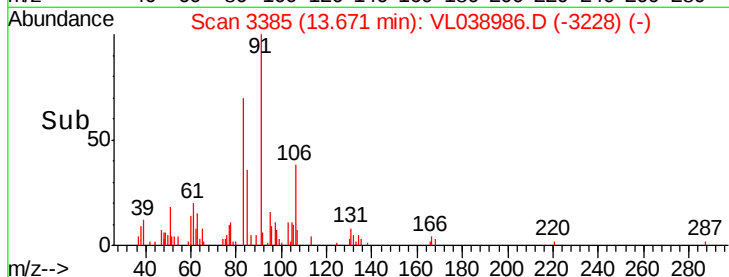
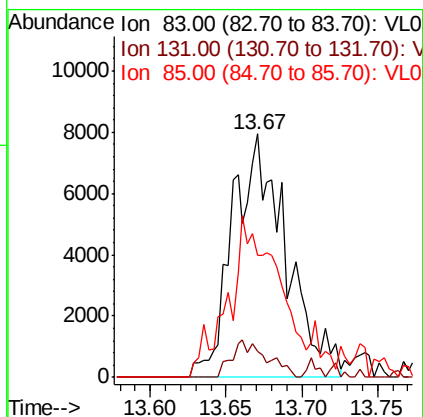
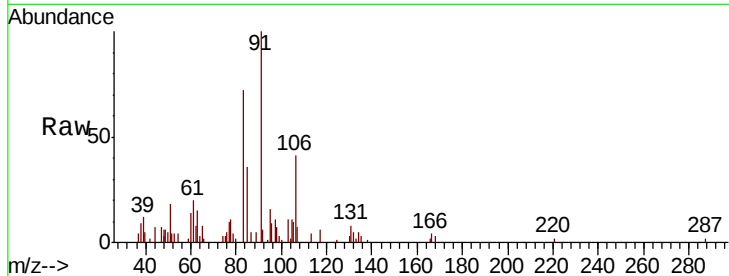


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.158 ppbv m
 RT: 13.67
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 May 2022 23:55

Tot Ion:
 Ion Ratio
 83 100
 131 10.
 85 67.

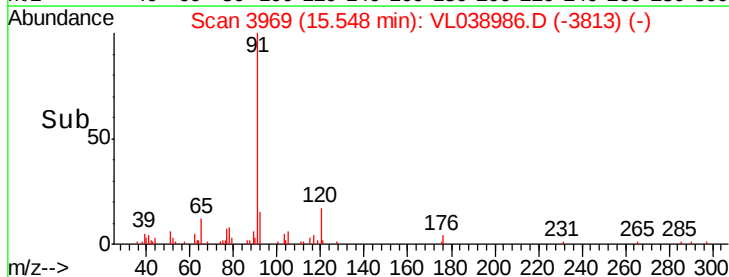
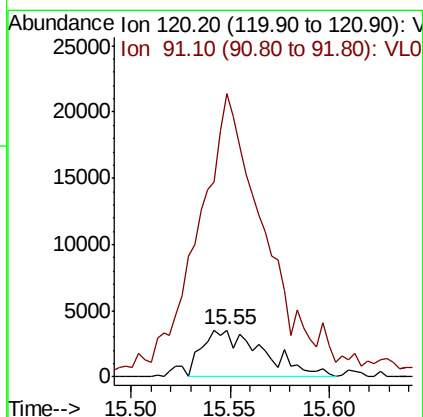
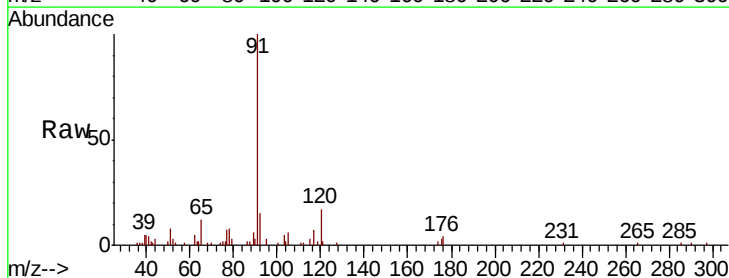
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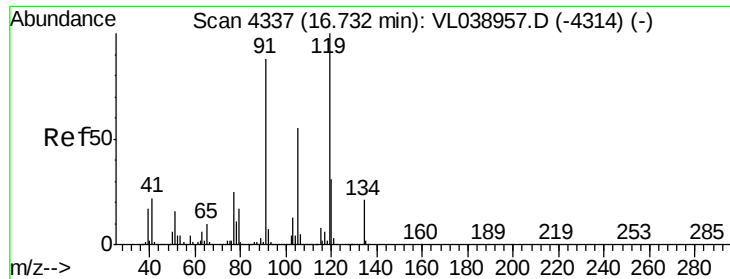
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#64
 n-propylbenzene
 Concen: 0.103 ppbv m
 RT: 15.55 min Scan# 3969
 Delta R.T. 0.00 min
 Lab File: VL038986.D
 Acq: 5 May 2022 23:55

Tgt Ion:120 Resp: 7625
 Ion Ratio Lower Upper
 120 100
 91 716.5 400.6 601.0#





#65

tert-Butylbenzene

Concen: 0.140 ppbv m

RT: 16.73 min

Delta R.T. 0.03 min

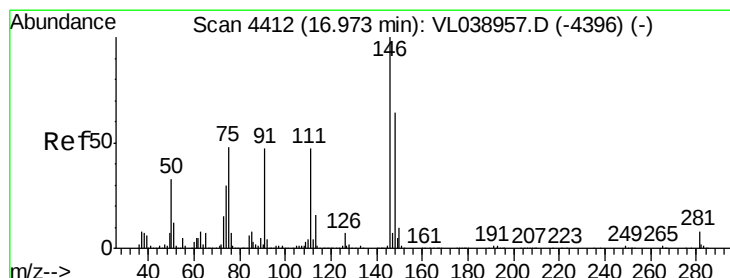
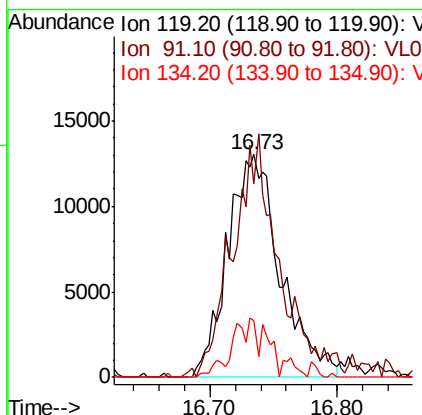
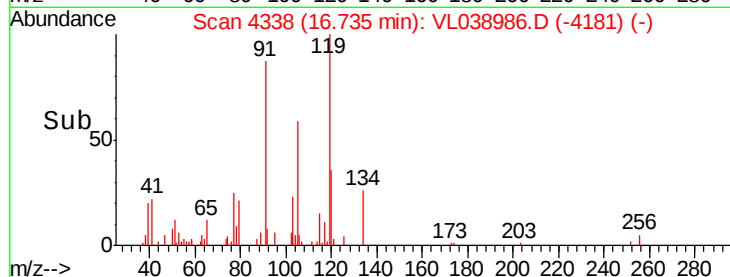
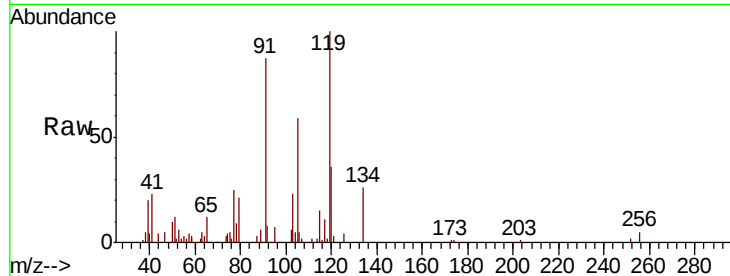
Lab File: VSTDCCC010EC

Acq: 5 May 2022 23:55

Tot Ion: 1
Ion Ratio
119 100
91 0.
134 20.

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Reviewed By : Semsettin Yesilyurt 05/07/2022
Supervised By : Mahesh Dadoda 05/09/2022



#66

Benzyl Chloride

Concen: 0.131 ppbv m

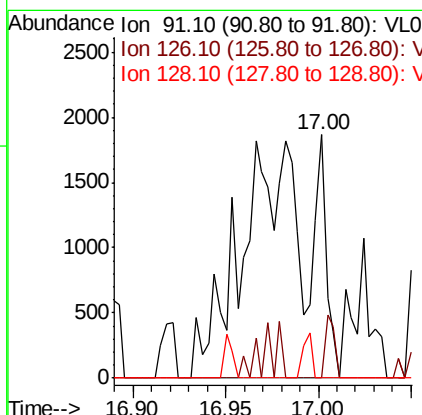
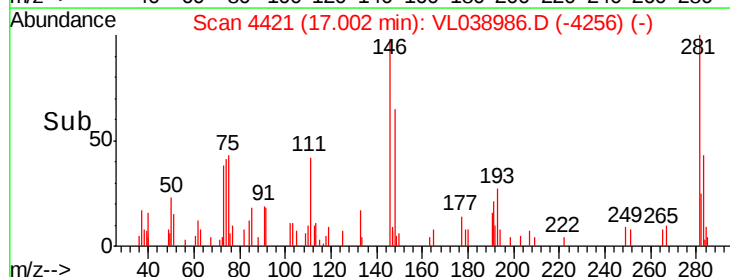
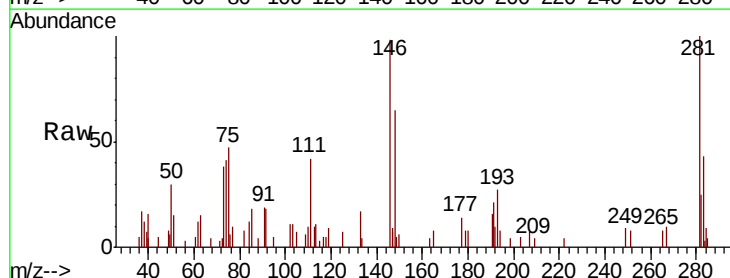
RT: 17.00 min Scan# 4421

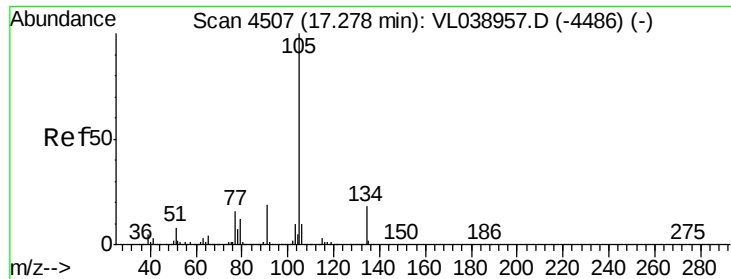
Delta R.T. 0.03 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

Tgt Ion: 91 Resp: 4570
Ion Ratio Lower Upper
91 100
126 0.0 11.8 17.6#
128 0.0 4.2 6.2#





#67

sec-Butylbenzene

Concen: 0.125 ppbv m

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDCCC010EC

Acq: 5 May 2022 23:55

Tot Ion:1

Ion Rati

105 100

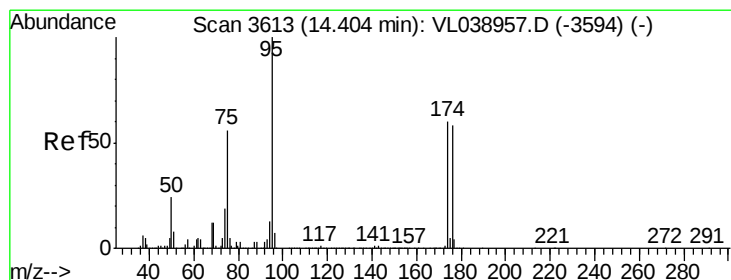
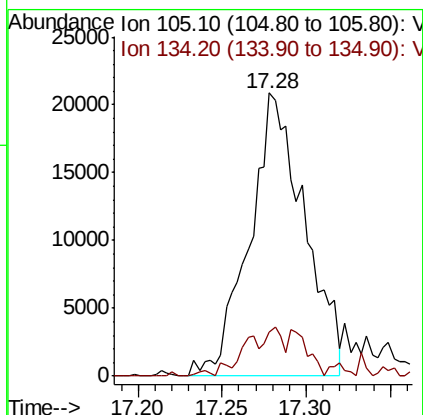
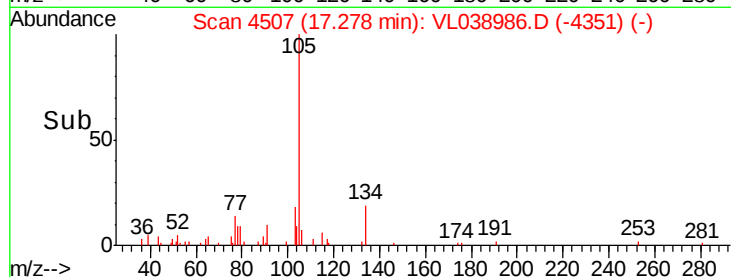
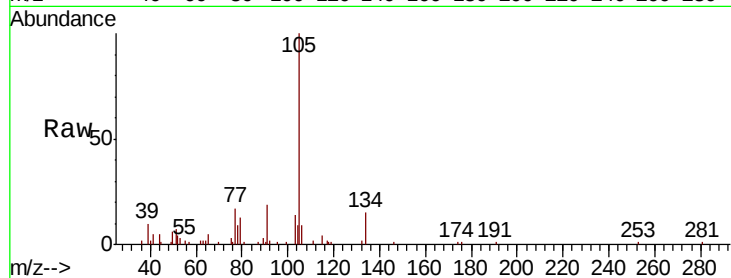
134 18.

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APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.520 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.00 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

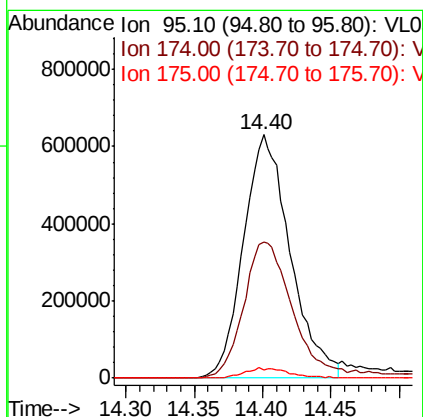
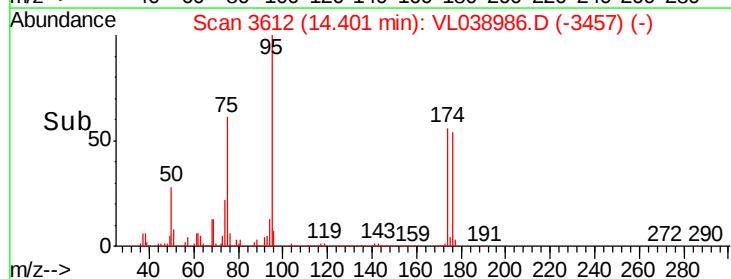
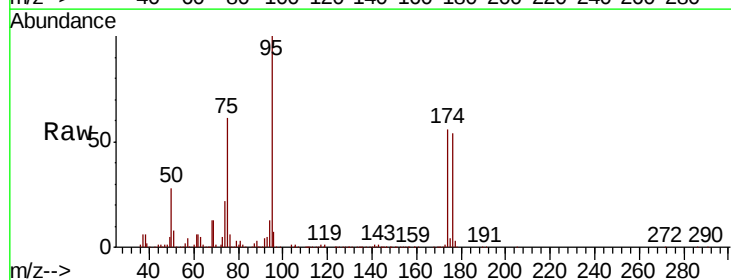
Tgt Ion: 95 Resp: 1503272

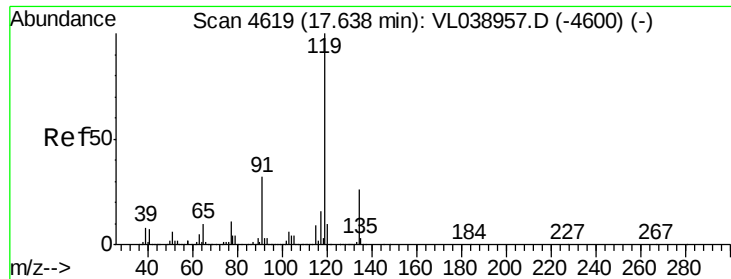
Ion Ratio Lower Upper

95 100

174 62.9 50.8 76.2

175 4.5 3.8 5.6



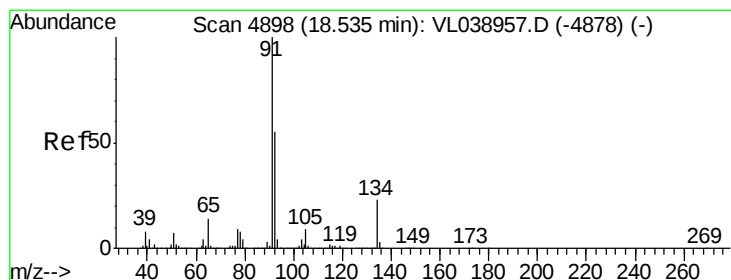
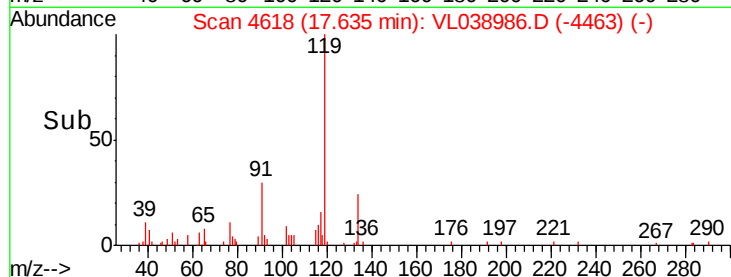
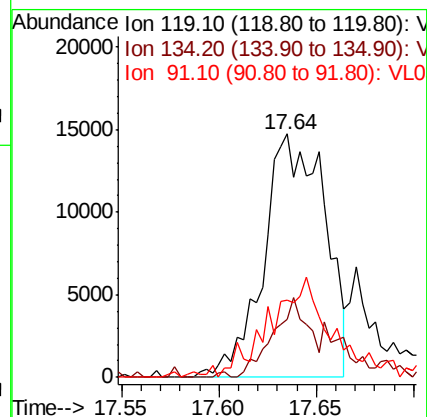
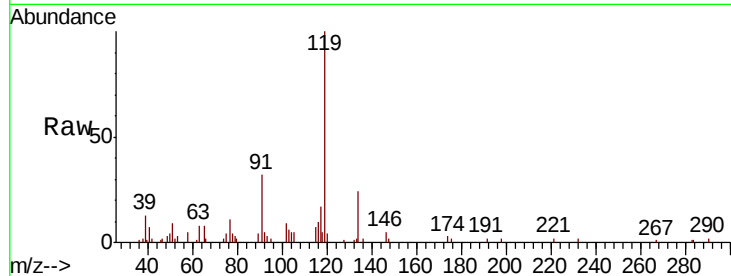


#69
 p-Isopropyltoluene
 Concen: 0.105 ppbv m
 RT: 17.64
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 May 2022 23:55

Tot Ion: 1
 Ion Ratio
 119 100
 134 30.
 91 0.

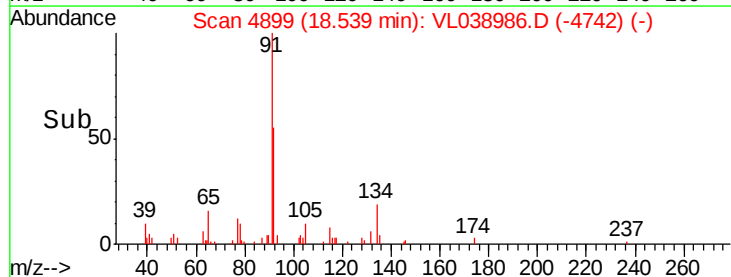
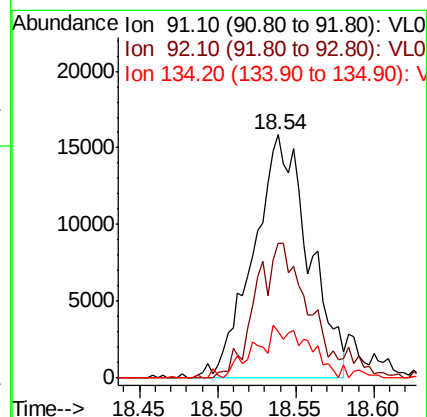
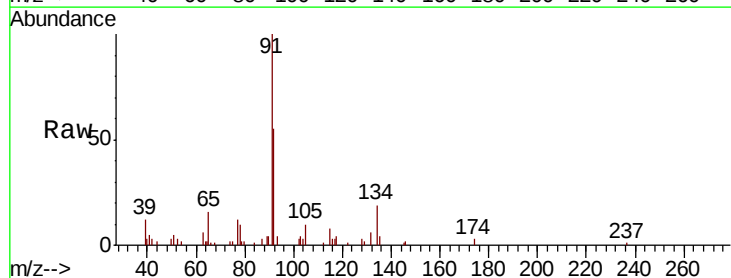
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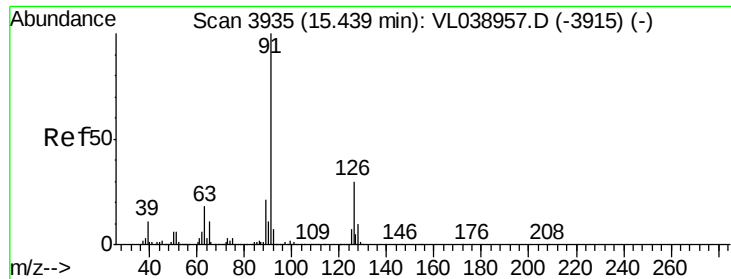
Reviewed By : Semsettin Yesilyurt 05/07/2022
 Supervised By : Mahesh Dadoda 05/09/2022



#70
 n-Butylbenzene
 Concen: 0.119 ppbv m
 RT: 18.54 min Scan# 4899
 Delta R.T.: 0.00 min
 Lab File: VL038986.D
 Acq: 5 May 2022 23:55

Tgt Ion: 91 Resp: 39060
 Ion Ratio Lower Upper
 91 100
 92 55.8 43.1 64.7
 134 22.2 17.0 25.4



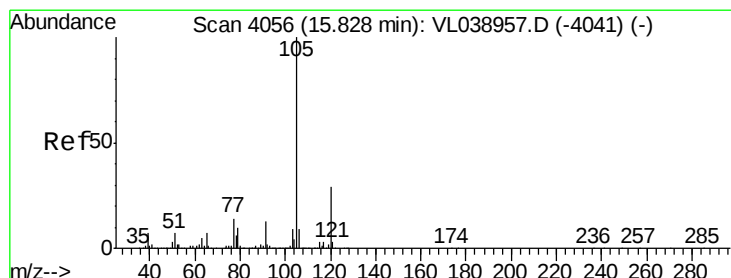
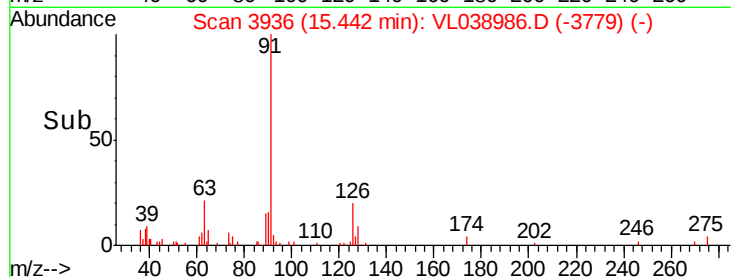
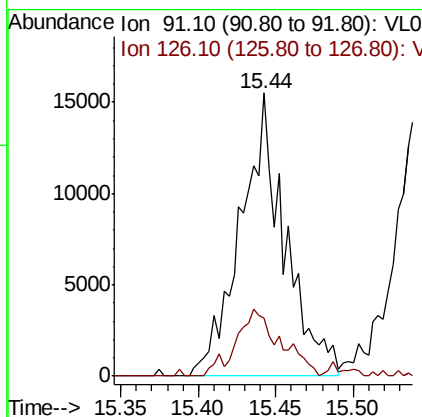
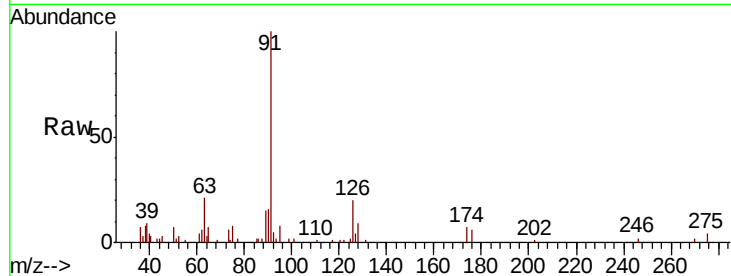


#71
 2-Chlorotoluene
 Concen: 0.130 ppbv m
 RT: 15.44
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 5 May 2022 23:55

Tot Ion:
 Ion Ratio
 91 100
 126 26.

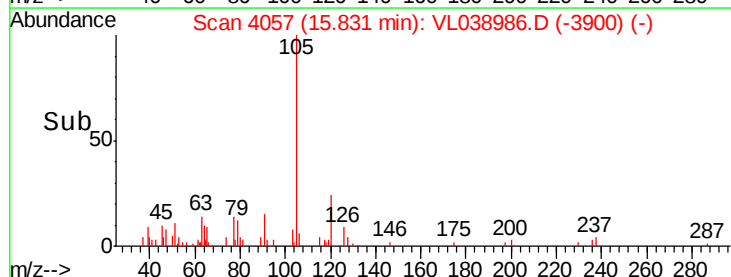
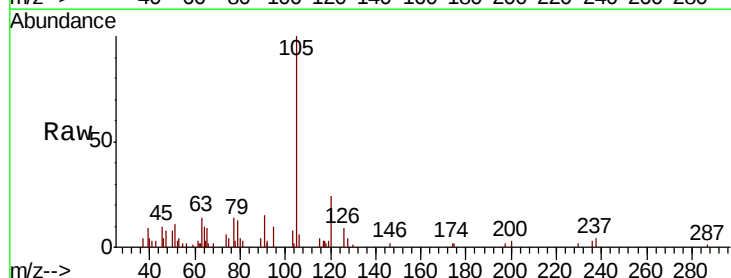
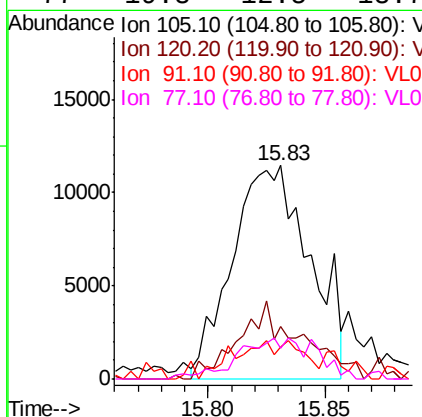
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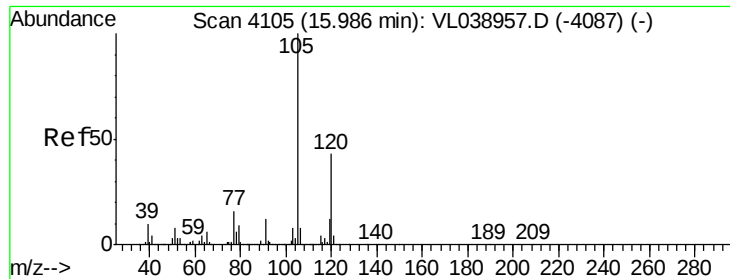
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#72
 4-Ethyltoluene
 Concen: 0.111 ppbv m
 RT: 15.83 min Scan# 4057
 Delta R.T. 0.00 min
 Lab File: VL038986.D
 Acq: 5 May 2022 23:55

Tgt Ion:105 Resp: 26470
 Ion Ratio Lower Upper
 105 100
 120 31.4 23.4 35.0
 91 20.7 10.6 16.0#
 77 19.8 12.5 18.7#





#73

1,3,5-Trimethylbenzene

Concen: 0.139 ppbv m

RT: 15.98 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDCCC010EC

Acq: 5 May 2022 23:55

Tot Ion:1

Ion Ratio

105 100

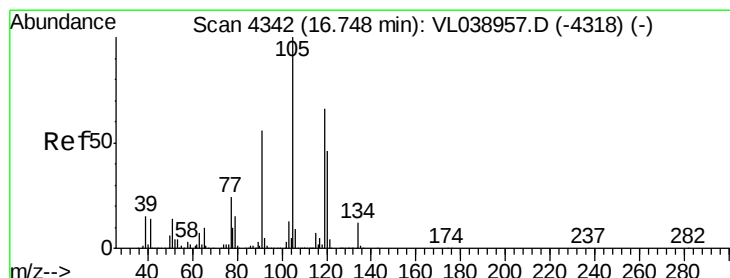
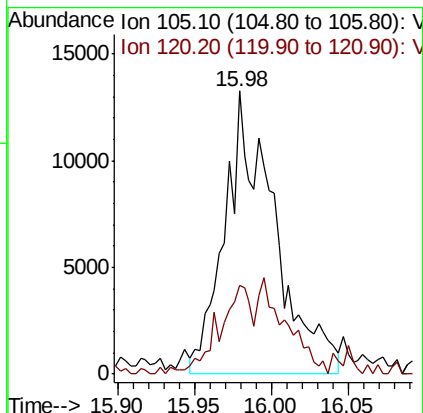
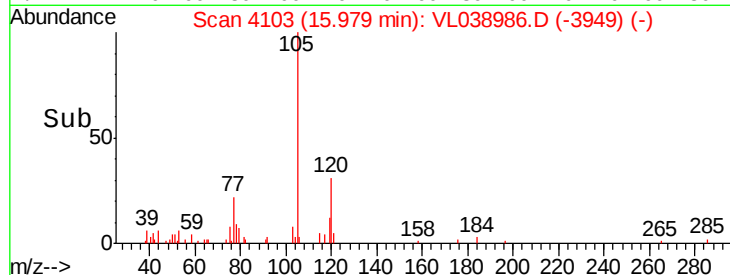
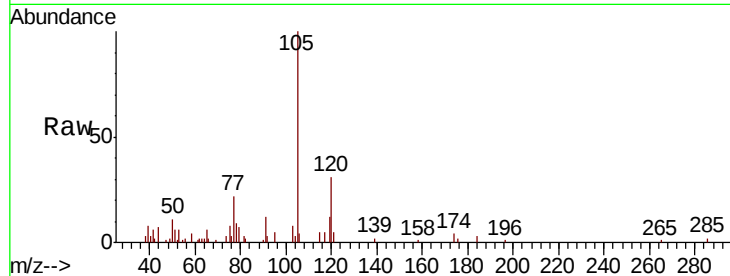
120 31.

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.129 ppbv m

RT: 16.75 min Scan# 4343

Delta R.T. 0.00 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

Tgt Ion:105 Resp: 30270

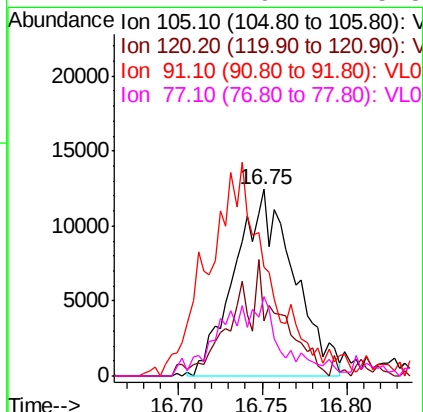
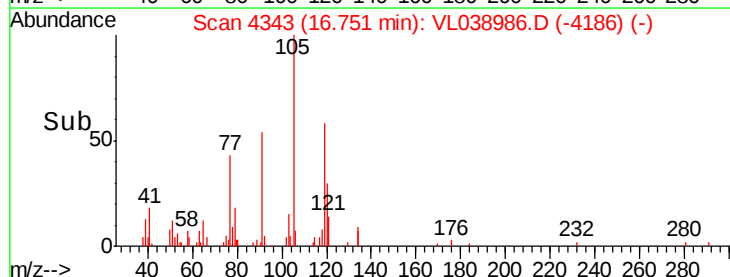
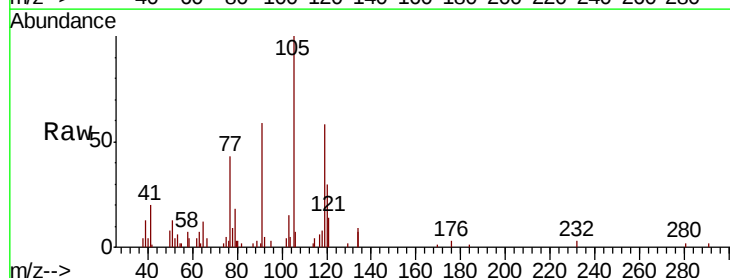
Ion Ratio Lower Upper

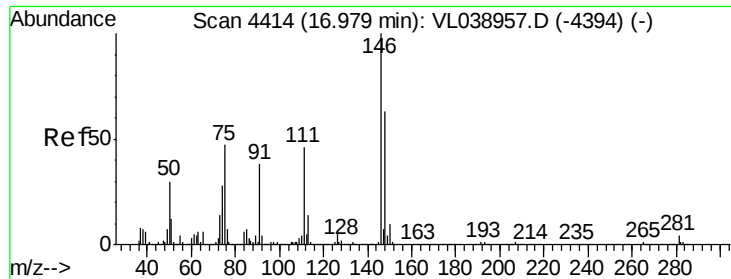
105 100

120 29.8 36.9 55.3#

91 58.5 45.0 67.4

77 42.7 19.2 28.8#





#75

1,3-Dichlorobenzene

Concen: 0.148 ppbv m

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDCCC010EC

Acq: 5 May 2022 23:55

Tot Ion:1

Ion Rati

146 100

111 54.

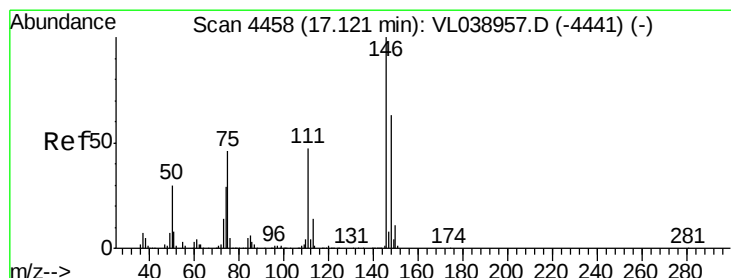
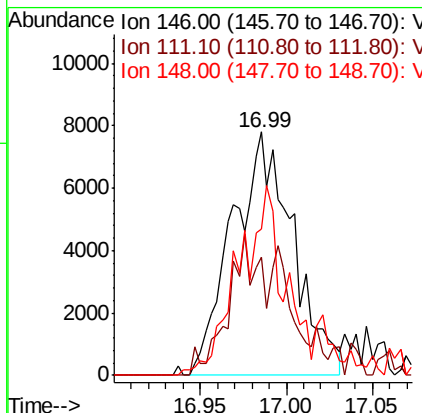
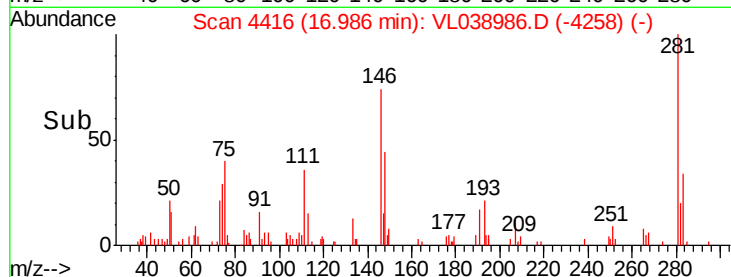
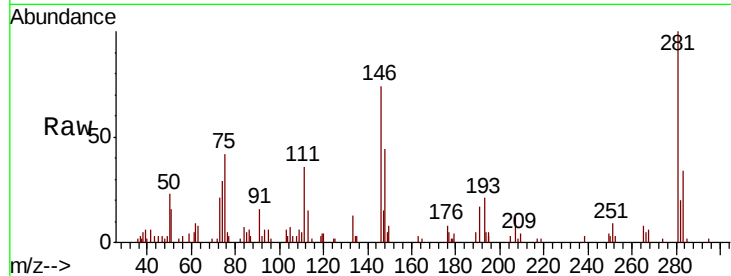
148 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#76

1,4-Dichlorobenzene

Concen: 0.161 ppbv m

RT: 17.12 min Scan# 4459

Delta R.T. 0.00 min

Lab File: VL038986.D

Acq: 5 May 2022 23:55

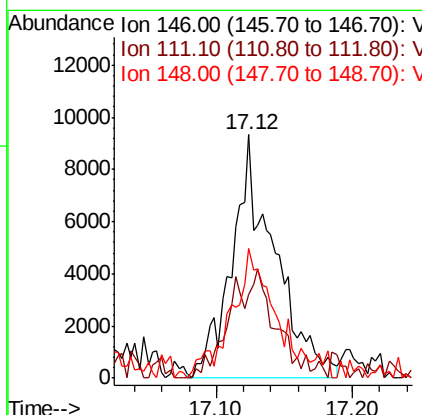
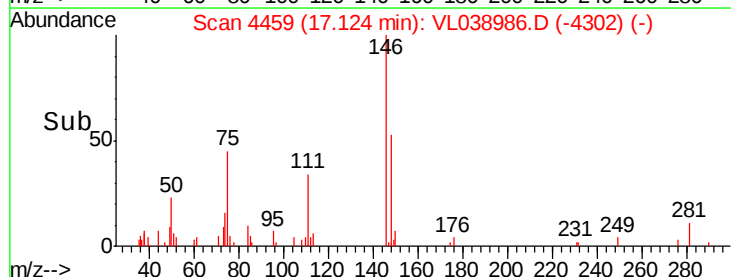
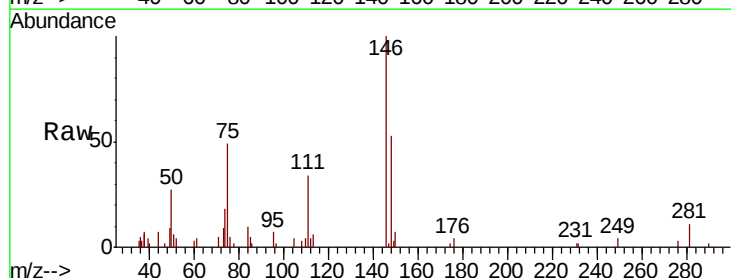
Tgt Ion:146 Resp: 20292

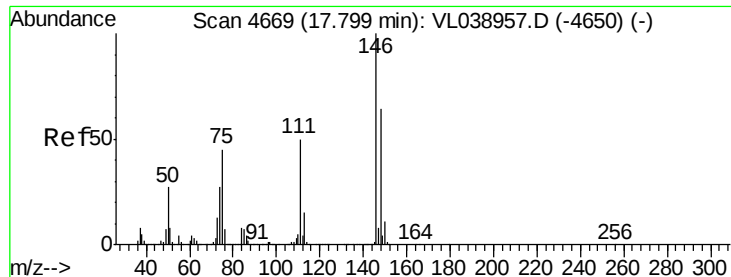
Ion Ratio Lower Upper

146 100

111 0.0 23.6 71.0#

148 57.6 32.2 96.6



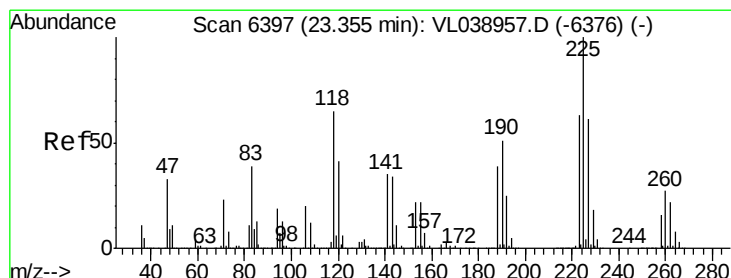
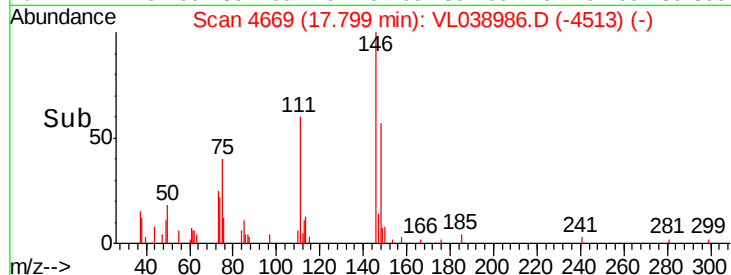
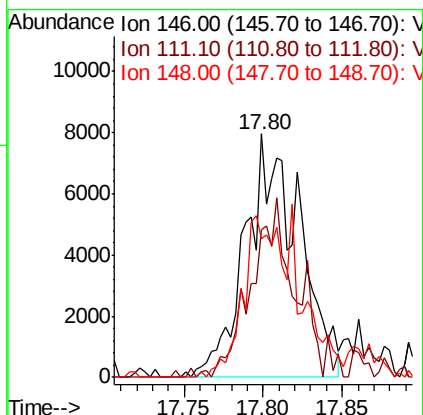
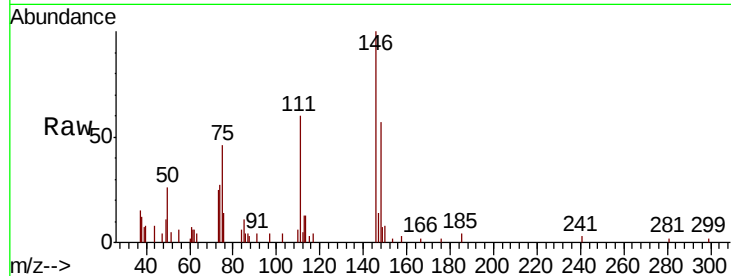


#77
 1,2-Dichlorobenzene
 Concen: 0.148 ppbv m
 RT: 17.80 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 May 2022 23:55

Tot Ion:1
 Ion Rati
 146 100
 111 0.
 148 0.

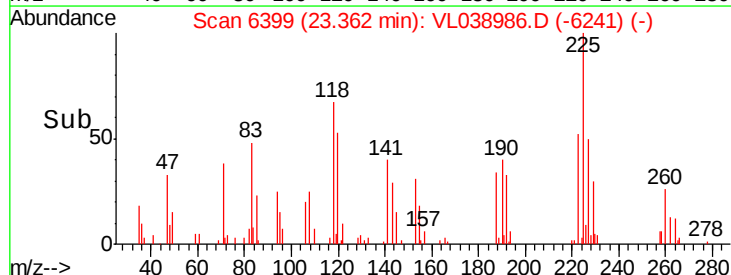
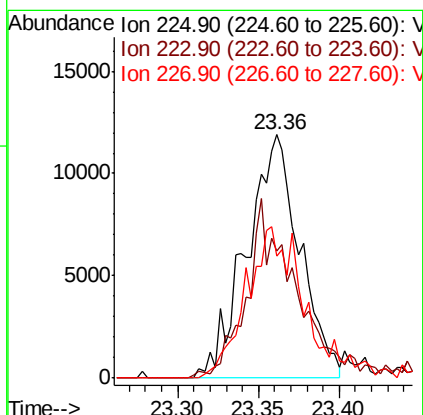
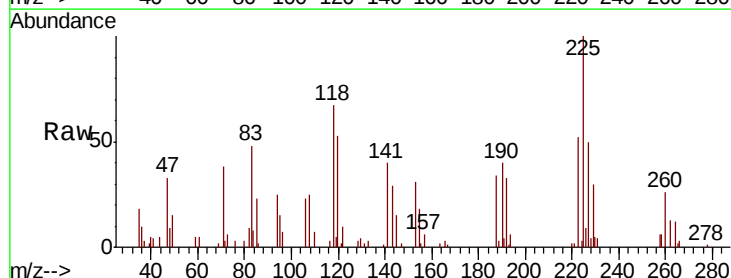
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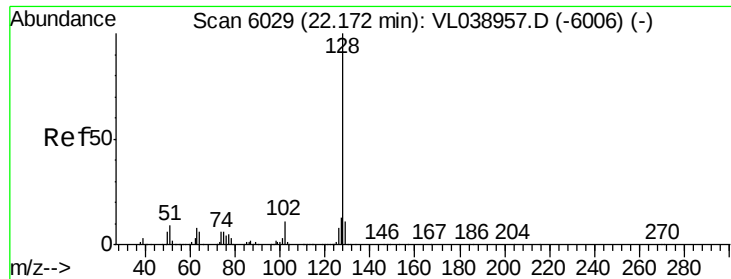
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.233 ppbv m
 RT: 23.36 min Scan# 6399
 Delta R.T. 0.01 min
 Lab File: VL038986.D
 Acq: 5 May 2022 23:55

Tgt Ion:225 Resp: 27242
 Ion Ratio Lower Upper
 225 100
 223 70.9 51.4 77.0
 227 69.7 51.4 77.0



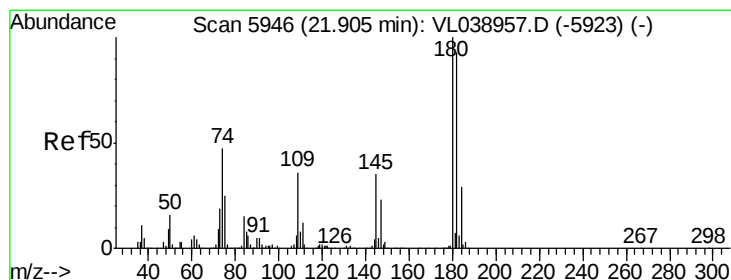
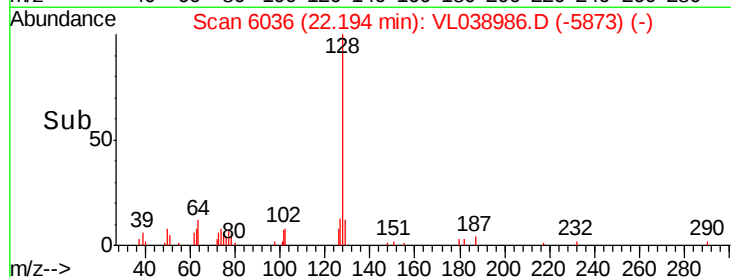
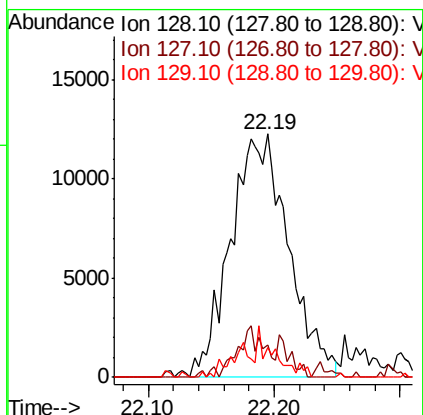
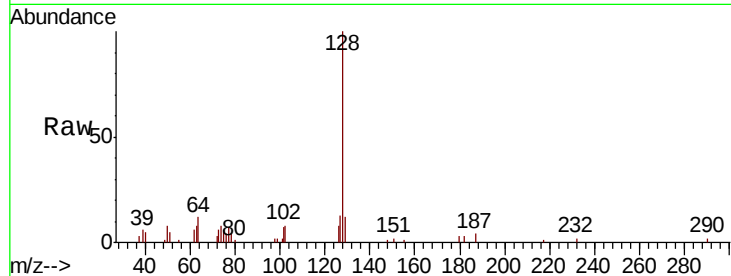


#79
Naphthalene
Concen: 0.205 ppbv m
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 5 May 2022 23:55

Tot Ion:1
Ion Rati
128 100
127 13.
129 12.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#81
1,2,4-Trichlorobenzene
Concen: 0.185 ppbv m
RT: 21.91 min Scan# 5948
Delta R.T.: 0.01 min
Lab File: VL038986.D
Acq: 5 May 2022 23:55

Tgt Ion:180 Resp: 20598
Ion Ratio Lower Upper
180 100
182 0.0 78.4 117.6#
184 35.1 24.4 36.6

