

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038959.D
 Acq On : 5 May 2022 4:01
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Quant Time: May 05 05:03:22 2022

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

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

QLast Update : Thu May 05 04:53:24 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	1370541	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3277609	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2992669	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2332483	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	263422	1.189 ppbv	97
3) Chlorodifluoromethane	2.99	51	182899	0.758 ppbv	96
4) Chloromethane	3.14	50	85448	0.953 ppbv	100
5) Vinyl Chloride	3.26	62	74548	0.813 ppbv	98
6) Bromomethane	3.48	94	37408	0.765 ppbv	93
7) Chloroethane	3.56	64	26095	0.834 ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	202236	0.960 ppbv	97
9) Propene	3.01	41	77811	0.983 ppbv	98
10) Heptane	8.11	43	183171	0.904 ppbv	100
11) Trichlorofluoromethane	3.95	101	184607	0.837 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	128560	0.902 ppbv	94
13) Ethanol	3.62	45	7009m	0.809 ppbv	
14) Bromoethene	3.74	108	55897	0.943 ppbv	99
15) Acetone	3.86	43	126420	0.934 ppbv	94
16) 1,3-Butadiene	3.33	39	72623	0.805 ppbv	98
17) tert-Butyl alcohol	4.29	59	98428m	0.864 ppbv	
18) 1,1-Dichloroethene	4.29	96	56253m	0.893 ppbv	
19) Isopropyl Alcohol	3.97	45	64438	0.892 ppbv	# 94
20) Methylene Chloride	4.34	84	53805m	0.882 ppbv	
21) Allyl Chloride	4.41	41	79042	0.762 ppbv	87
22) trans-1,2-Dichloroethene	4.88	96	59889	1.003 ppbv	86
23) Vinyl Acetate	5.07	43	92827	0.451 ppbv	# 90
24) 1,1-Dichloroethane	5.01	63	120992	0.764 ppbv	99
25) Ethyl Acetate	5.68	43	312923	0.976 ppbv	98
26) Hexane	5.68	57	132492	0.907 ppbv	90
27) Carbon Disulfide	4.55	76	124464	0.864 ppbv	95
28) Methyl tert-Butyl Ether	5.04	73	99347	0.616 ppbv	93
29) Chloroform	5.74	83	227670	0.959 ppbv	95
30) Cyclohexane	7.13	84	117640	0.994 ppbv	# 67
31) cis-1,2-Dichloroethene	5.55	61	141847	0.994 ppbv	94
32) 1,1,1-Trichloroethane	6.50	97	214670	0.898 ppbv	96
34) 2-Butanone	5.25	43	164387	1.010 ppbv	94
35) Carbon Tetrachloride	7.01	117	225792	0.898 ppbv	93
36) Benzene	6.88	78	291986	0.976 ppbv	# 92
37) 1,2-Dichloroethane	6.30	62	179489	1.003 ppbv	100
38) Trichloroethene	7.83	130	131587m	1.099 ppbv	
39) 1,2-Dichloropropane	7.60	63	114931	0.949 ppbv	93
40) 1,4-Dioxane	7.84	88	43702m	1.406 ppbv	
41) Tetrahydrofuran	6.06	42	112255	1.389 ppbv	97
42) Bromodichloromethane	7.78	83	232810	0.957 ppbv	100
43) Methyl Methacrylate	8.01	69	112416	1.090 ppbv	99

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 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: May 05 05:03:22 2022

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

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

QLast Update : Thu May 05 04:53:24 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	522813	0.988	ppbv	98
45) t-1,3-Dichloropropene	9.27	75	91211m	0.780	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	137948m	0.928	ppbv	
47) 1,1,2-Trichloroethane	9.47	97	113543	0.921	ppbv	94
48) Dibromochloromethane	10.29	129	180132m	0.950	ppbv	
49) Bromoform	13.02	173	137076	0.904	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	307406m	1.264	ppbv	
51) 2-Hexanone	10.13	43	187062	1.359	ppbv #	90
52) Tetrachloroethene	11.21	164	98975	0.896	ppbv	99
53) Toluene	9.79	91	321339	1.006	ppbv	99
54) 1,2-Dibromoethane	10.60	107	158699m	0.914	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.11	131	134212	0.996	ppbv #	1
57) Chlorobenzene	12.13	112	237268	0.948	ppbv	97
58) Ethyl Benzene	12.70	91	453605	1.054	ppbv	92
59) m/p-Xylene	12.98	91	775017m	2.060	ppbv	
60) o-Xylene	13.67	91	375963	1.034	ppbv	96
61) Styrene	13.51	104	181094	1.000	ppbv	98
62) Isopropylbenzene	14.65	105	534078	1.079	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.66	83	213880m	0.785	ppbv	
64) n-propylbenzene	15.55	120	126382m	1.047	ppbv	
65) tert-Butylbenzene	16.73	119	474168	1.103	ppbv	97
66) Benzyl Chloride	16.98	91	41413m	0.788	ppbv	
67) sec-Butylbenzene	17.28	105	685990m	1.124	ppbv	
69) p-Isopropyltoluene	17.64	119	553330	1.160	ppbv	98
70) n-Butylbenzene	18.53	91	575029m	1.150	ppbv	
71) 2-Chlorotoluene	15.44	91	411281	1.105	ppbv	98
72) 4-Ethyltoluene	15.82	105	412100	1.033	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	377590	1.015	ppbv	98
74) 1,2,4-Trimethylbenzene	16.74	105	412323	1.027	ppbv	94
75) 1,3-Dichlorobenzene	16.98	146	210796	0.937	ppbv	94
76) 1,4-Dichlorobenzene	17.12	146	207052	0.924	ppbv	95
77) 1,2-Dichlorobenzene	17.80	146	225378	1.058	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	219908	1.147	ppbv	99
79) Naphthalene	22.18	128	325449m	1.314	ppbv	
80) Naphthalene,2-methyl-	24.96	142	74841	1.385	ppbv	97
81) 1,2,4-Trichlorobenzene	21.91	180	188537m	1.254	ppbv	

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Quant Time: May 05 05:03:22 2022

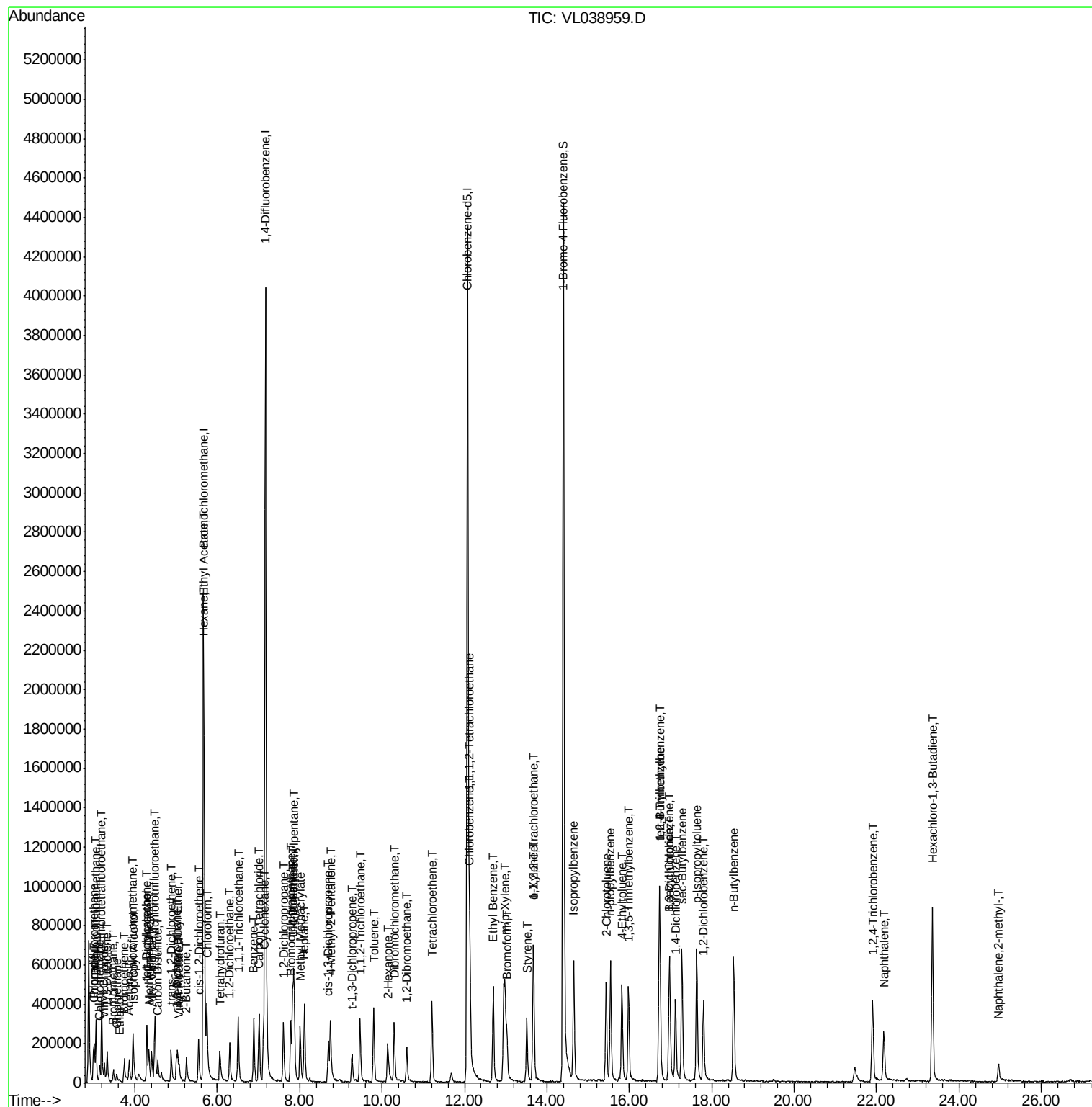
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050522

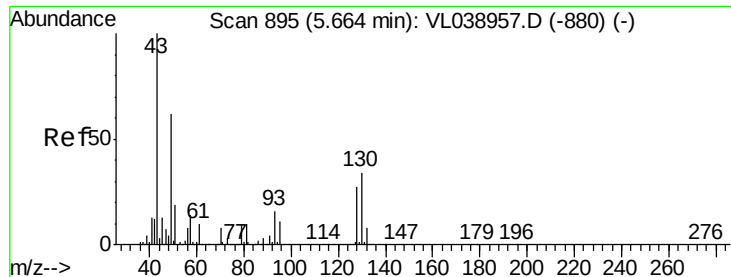
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu May 05 04:53:24 2022

Response via : Initial Calibration

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDIC001

Acq: 5 May 2022 4:01

Tot Ion:

Ion Ratio

49 100

128 46.

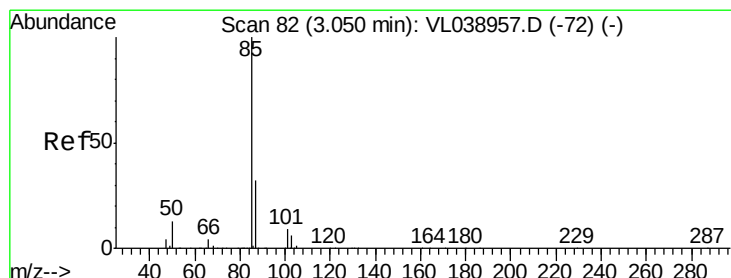
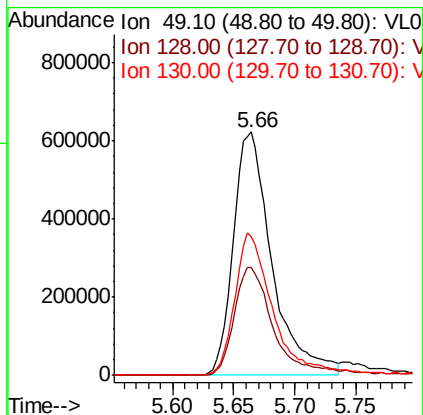
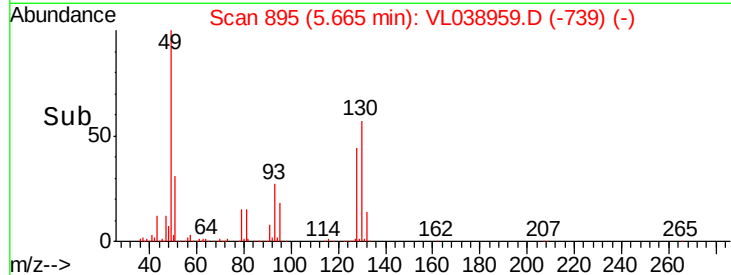
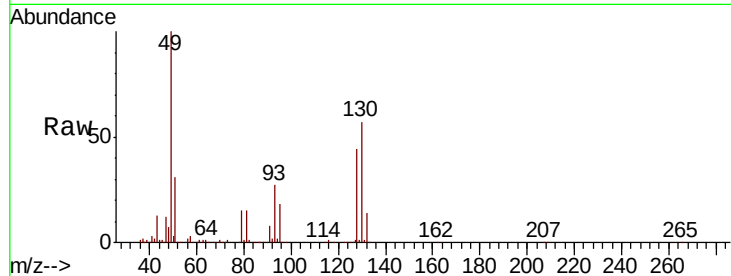
130 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#2

Dichlorodifluoromethane

Concen: 1.189 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL038959.D

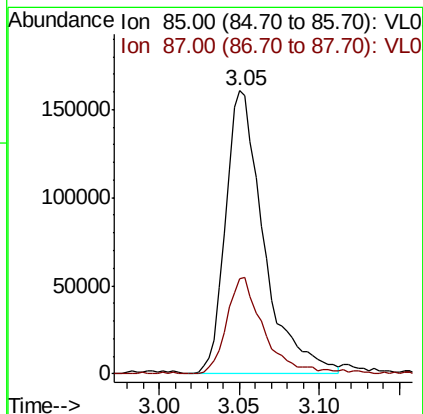
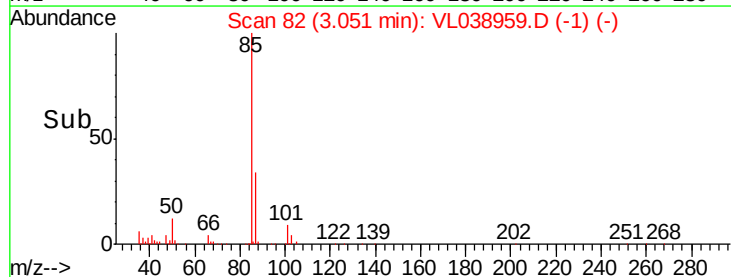
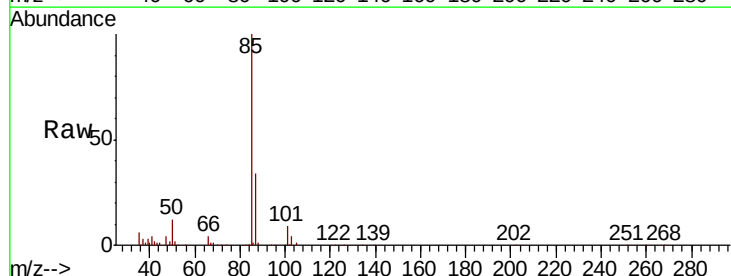
Acq: 5 May 2022 4:01

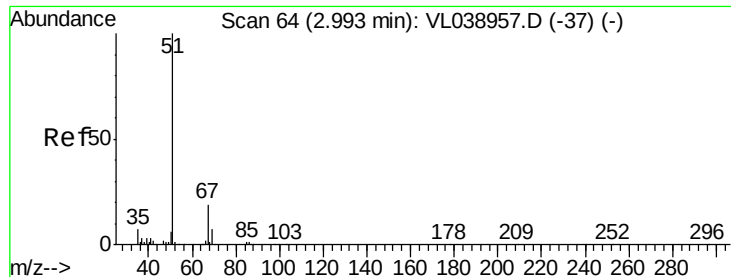
Tgt Ion: 85 Resp: 263422

Ion Ratio Lower Upper

85 100

87 33.5 25.7 38.5





#3

Chlorodifluoromethane

Concen: 0.758 ppbv

RT: 2.99 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01

Tot Ion:

Ion Ratio

51 100

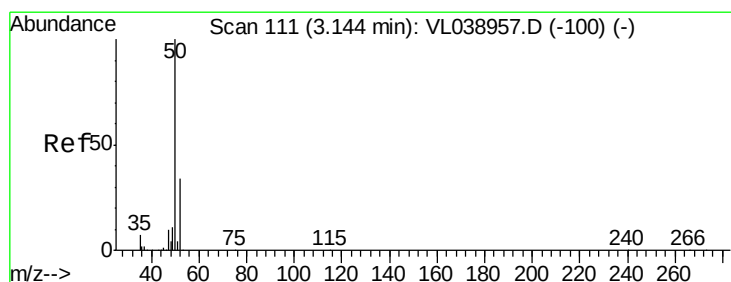
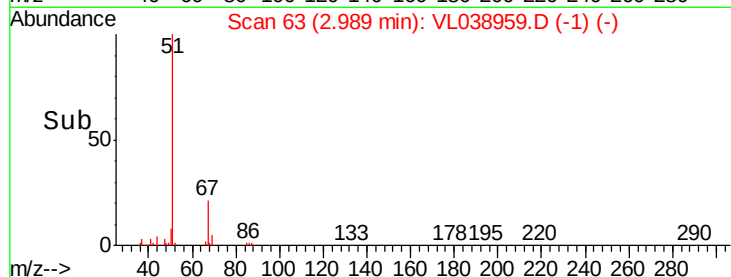
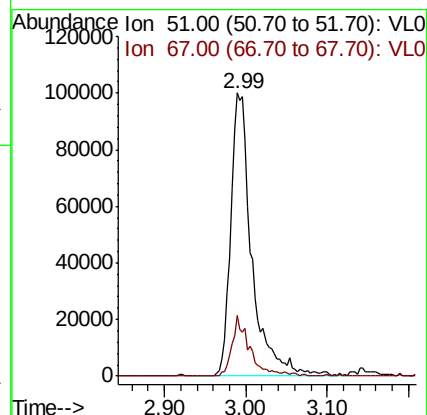
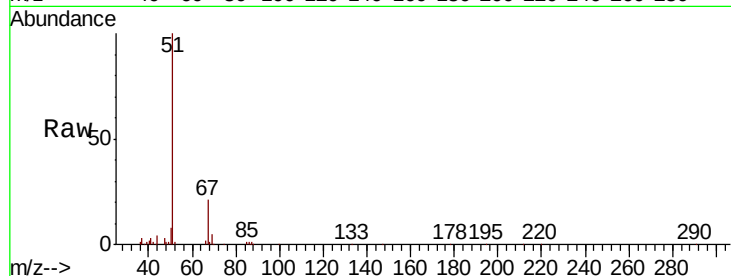
67 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#4

Chloromethane

Concen: 0.953 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL038959.D

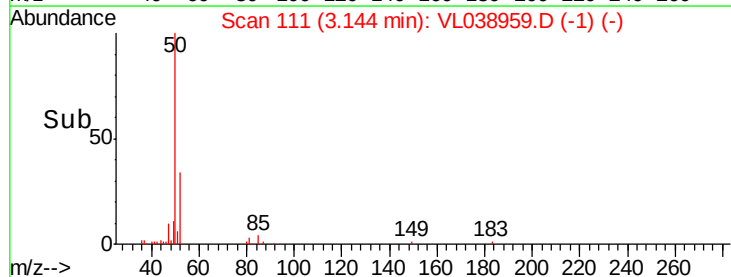
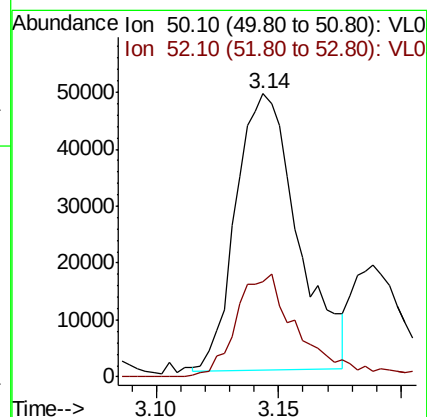
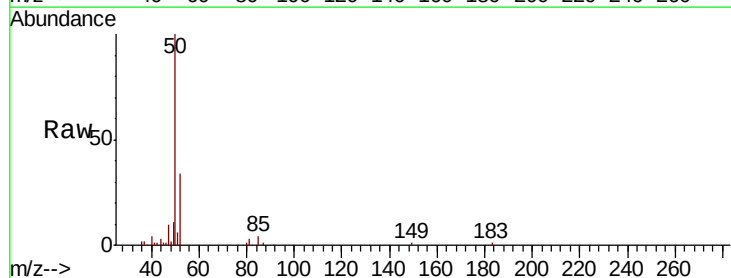
Acq: 5 May 2022 4:01

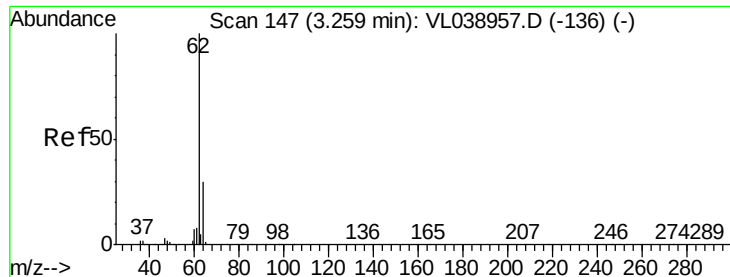
Tgt Ion: 50 Resp: 85448

Ion Ratio Lower Upper

50 100

52 34.3 27.3 40.9





#5

Vinyl Chloride

Concen: 0.813 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion:

Ion Ratio

62 100

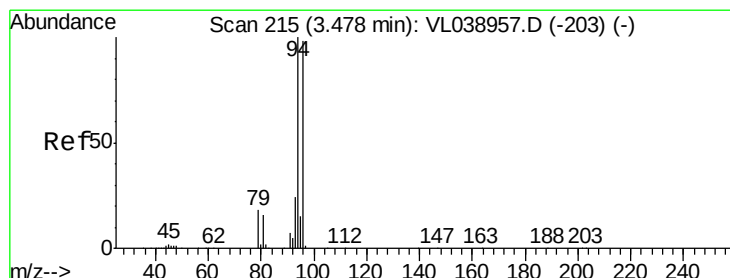
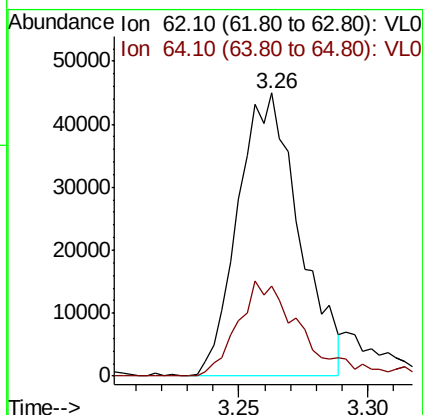
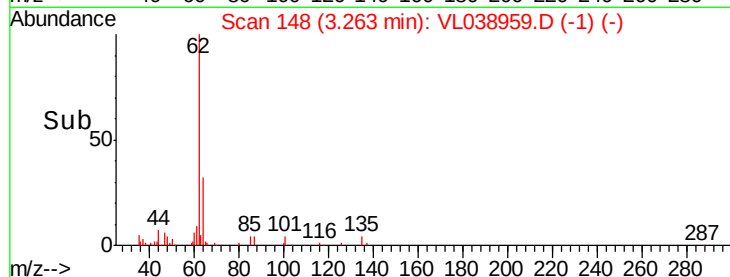
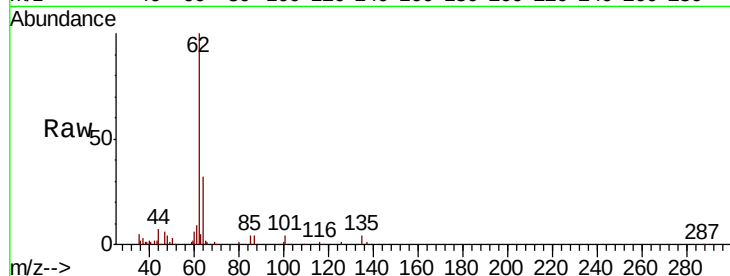
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#6

Bromomethane

Concen: 0.765 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL038959.D

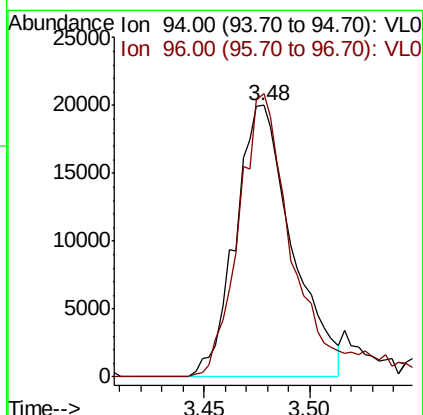
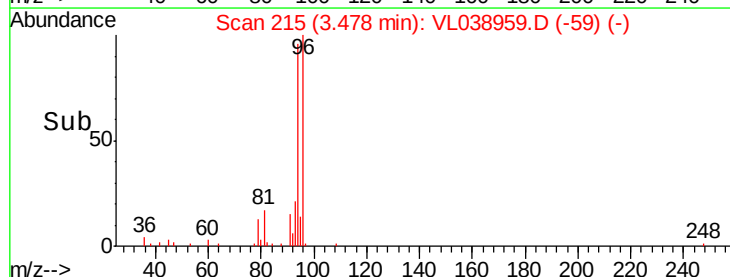
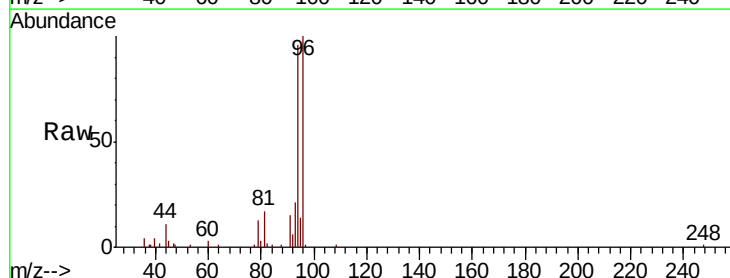
Acq: 5 May 2022 4:01

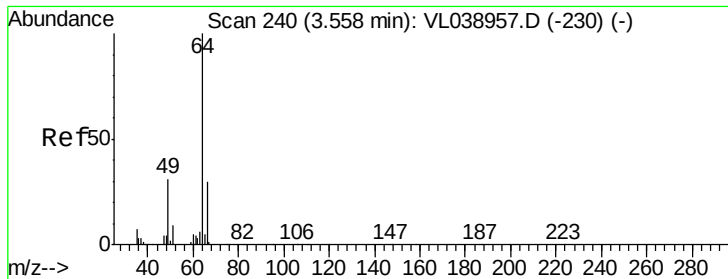
Tgt Ion: 94 Resp: 37408

Ion Ratio Lower Upper

94 100

96 104.2 78.1 117.1





#7

Chloroethane

Concen: 0.834 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion:

Ion Ratio

64 100

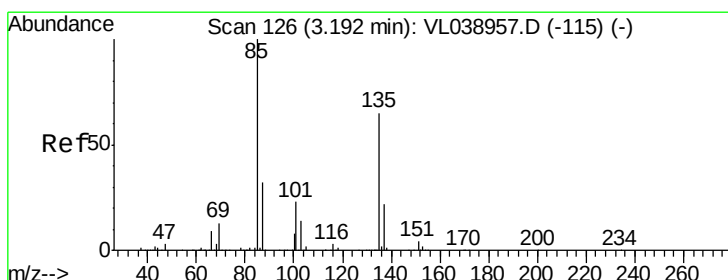
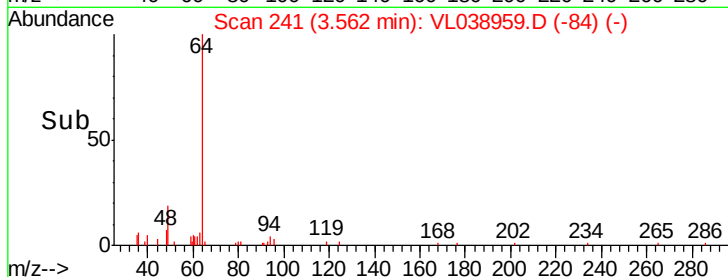
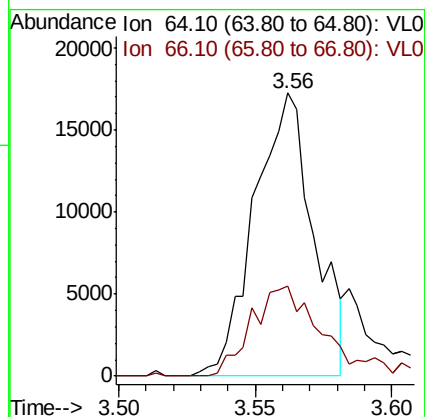
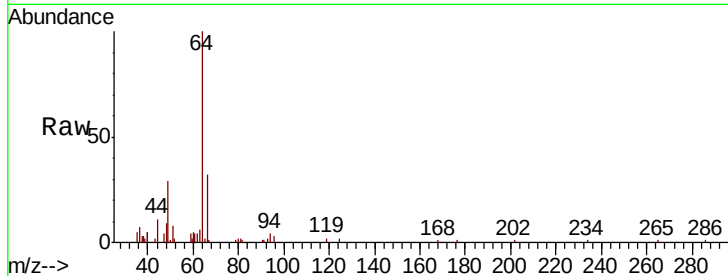
66 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#8

Dichlorotetrafluoroethane

Concen: 0.960 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL038959.D

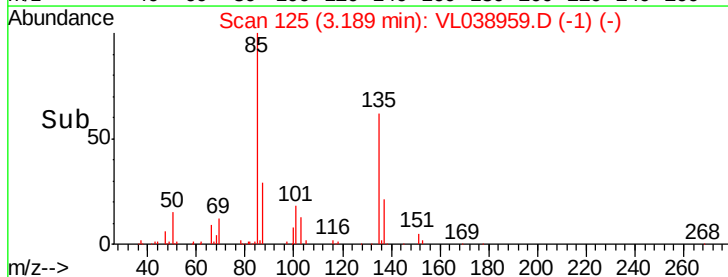
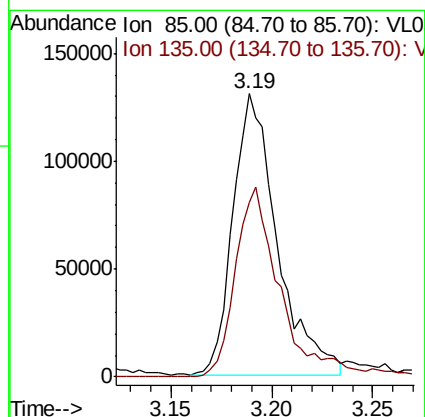
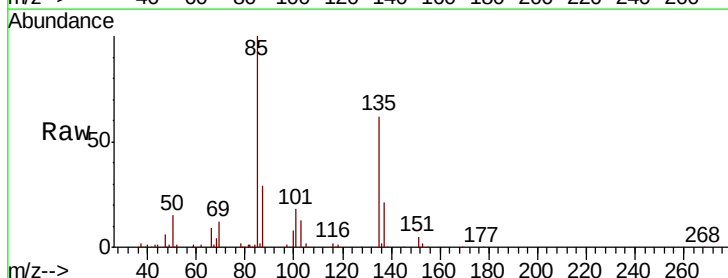
Acq: 5 May 2022 4:01

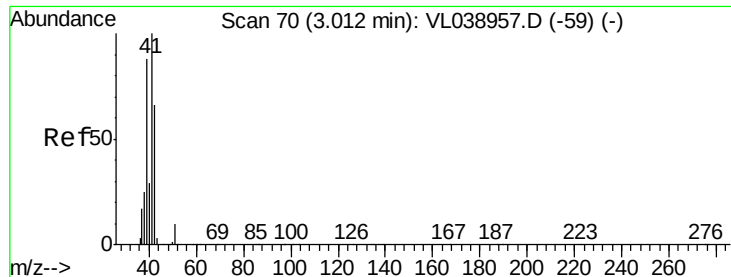
Tgt Ion: 85 Resp: 202236

Ion Ratio Lower Upper

85 100

135 69.5 53.6 80.4



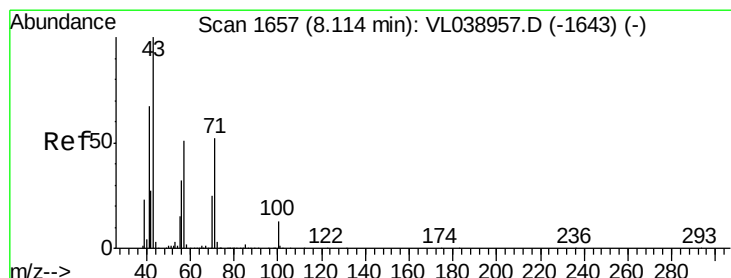
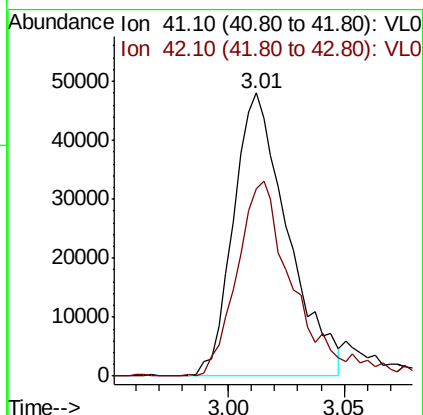
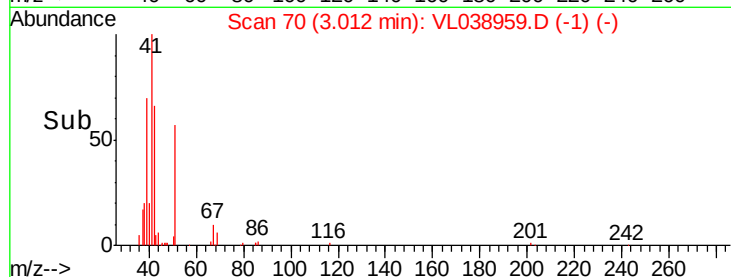
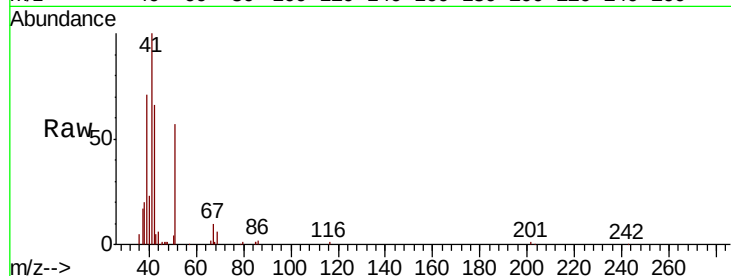


#9
 Propene
 Concen: 0.983 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion:
 Ion Ratio
 41 100
 42 74.

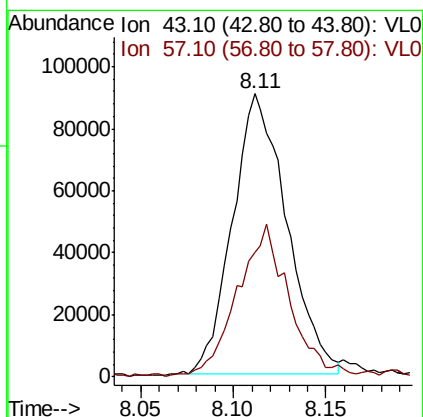
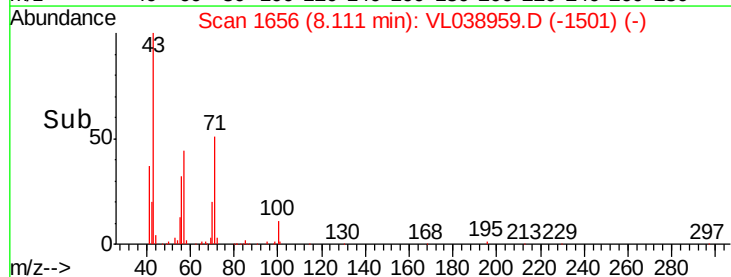
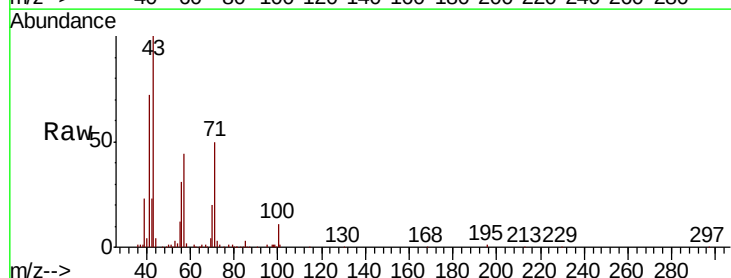
Manual Integrations
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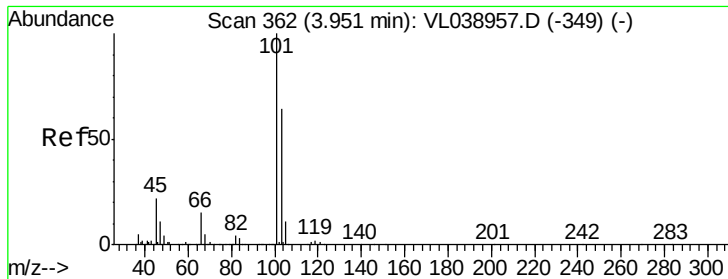
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#10
 Heptane
 Concen: 0.904 ppbv
 RT: 8.11 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion: 43 Resp: 183171
 Ion Ratio Lower Upper
 43 100
 57 50.7 40.5 60.7



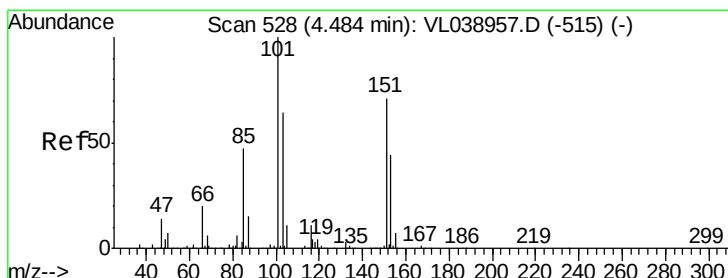
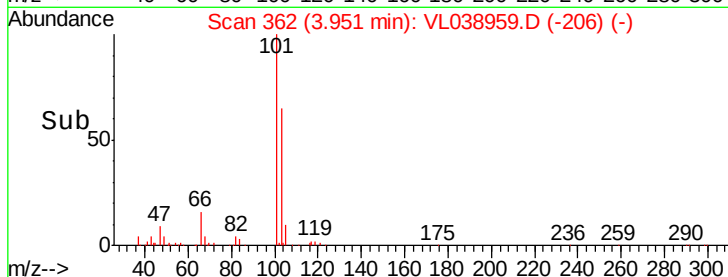
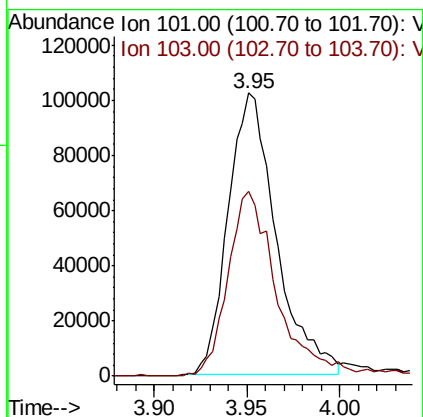
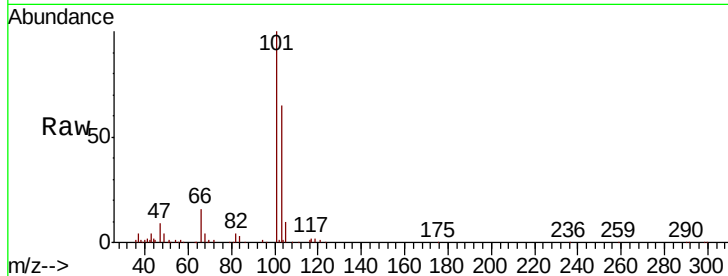


#11
 Trichlorofluoromethane
 Concen: 0.837 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion:1
 Ion Rati
 101 100
 103 64.

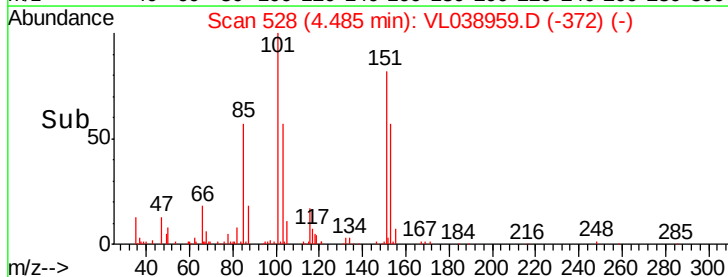
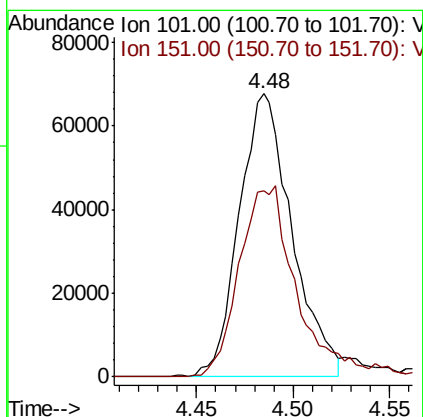
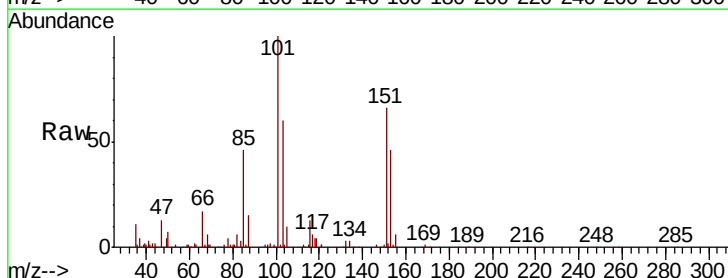
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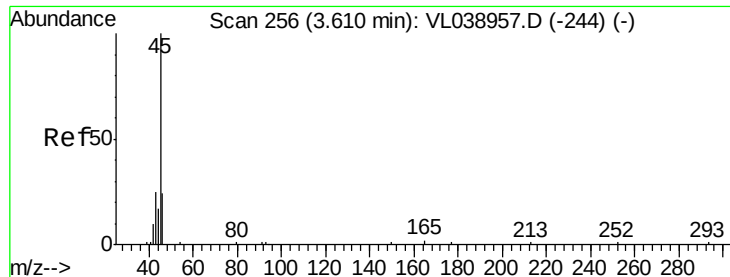
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.902 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion:101 Resp: 128560
 Ion Ratio Lower Upper
 101 100
 151 74.4 55.4 83.0





#13

Ethanol

Concen: 0.809 ppbv m

RT: 3.62 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion:

Ion Ratio

45 100

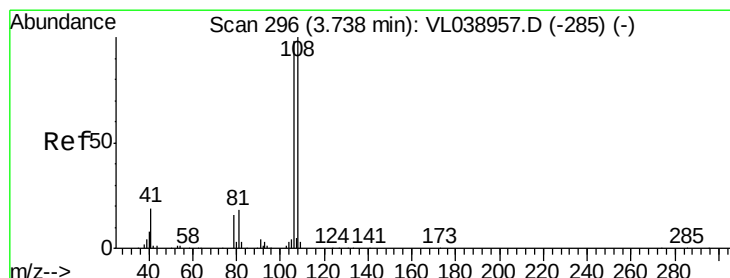
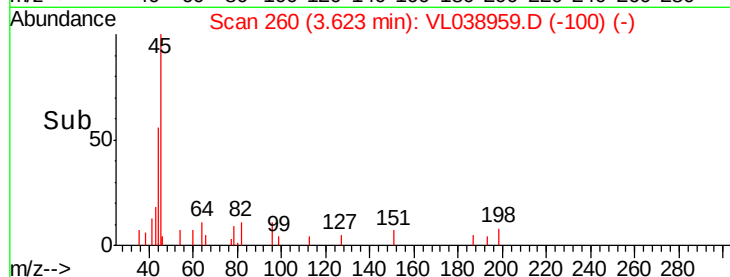
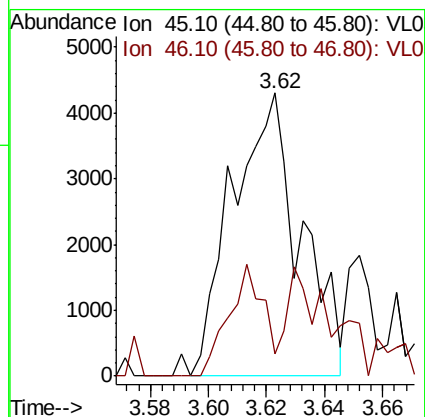
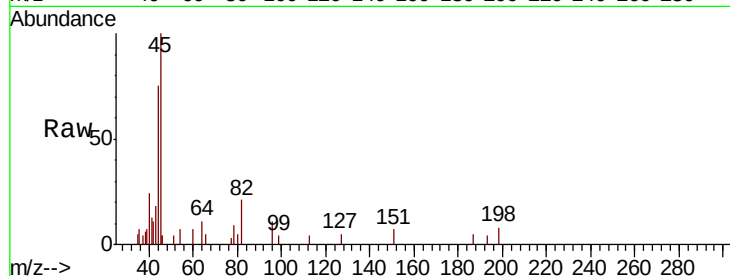
46 56.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#14

Bromoethene

Concen: 0.943 ppbv

RT: 3.74 min Scan# 296

Delta R.T. 0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

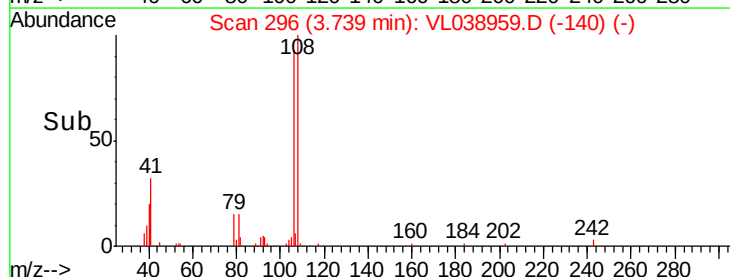
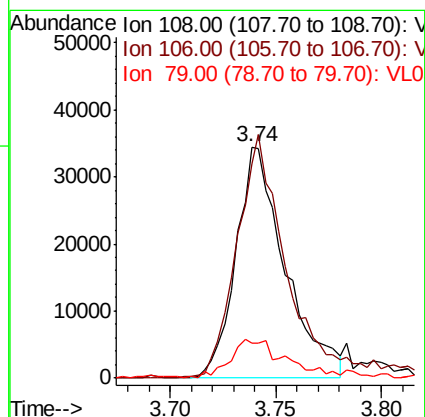
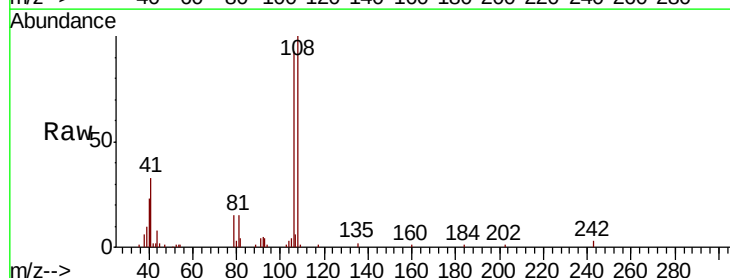
Tgt Ion:108 Resp: 55897

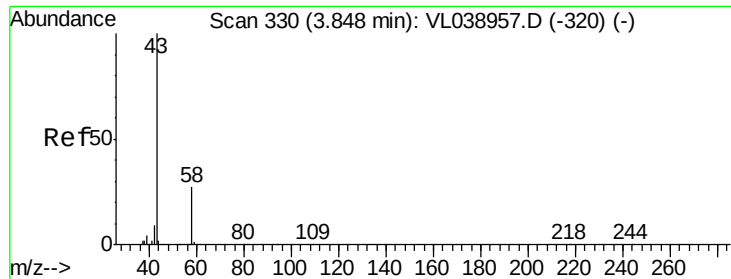
Ion Ratio Lower Upper

108 100

106 113.8 90.3 135.5

79 20.0 14.9 22.3



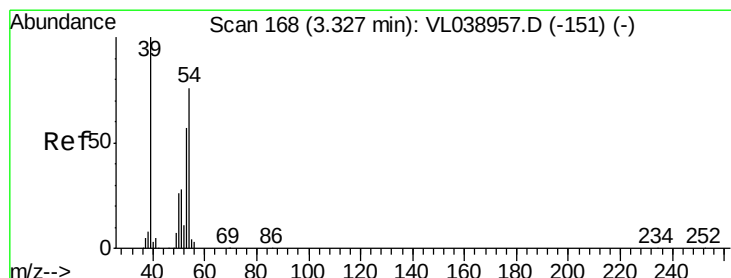
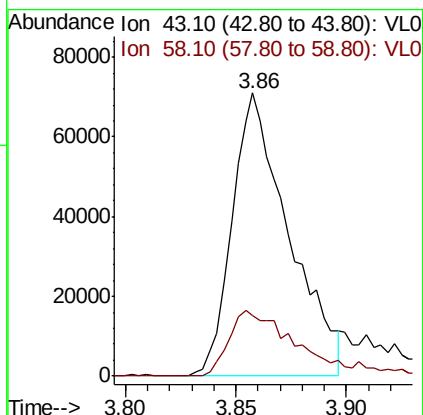
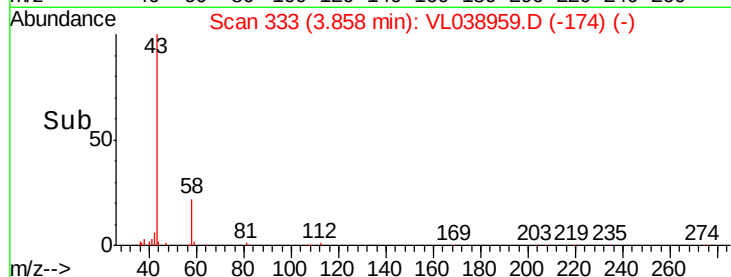
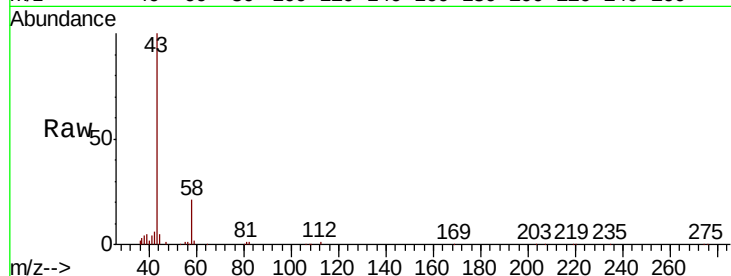


#15
Acetone
Concen: 0.934 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 4:01

Tot Ion:
Ion Ratio
43 100
58 29.

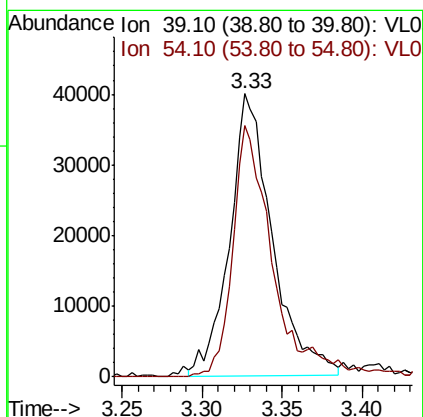
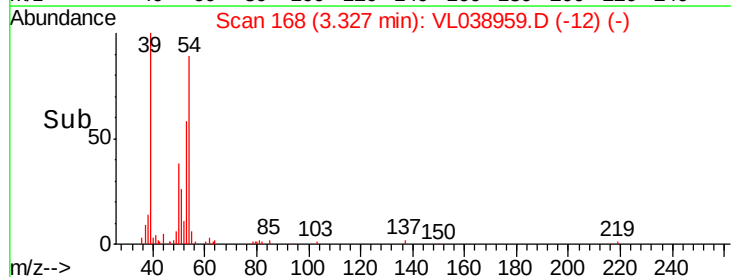
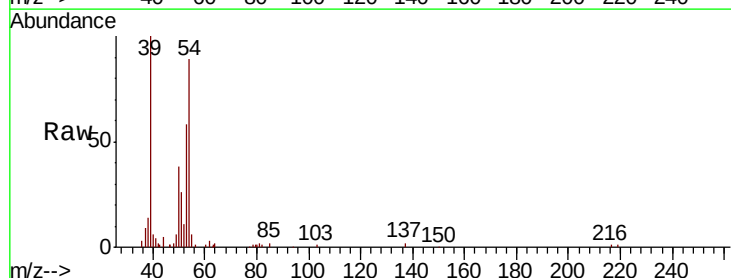
Manual Integrations
APPROVED

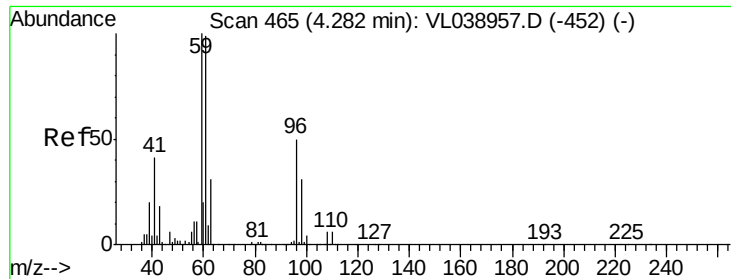
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#16
1,3-Butadiene
Concen: 0.805 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 39 Resp: 72623
Ion Ratio Lower Upper
39 100
54 83.6 65.2 97.8





#17

tert-Butyl alcohol

Concen: 0.864 ppbv m

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion:

Ion Ratio

59 100

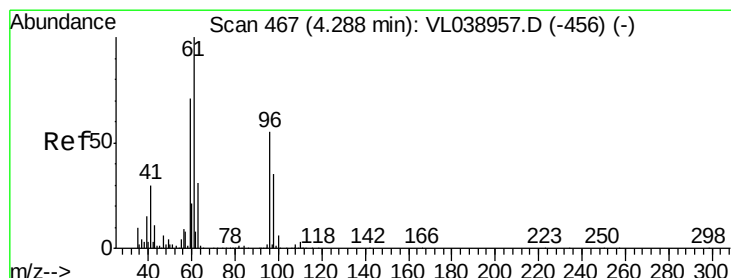
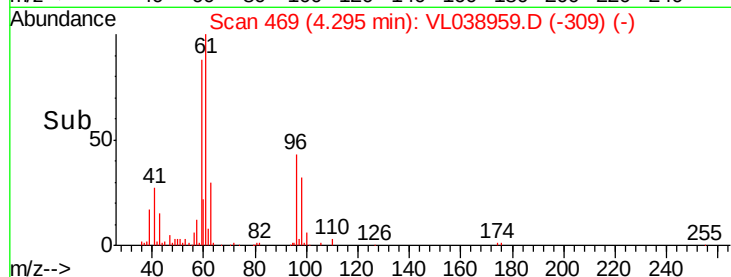
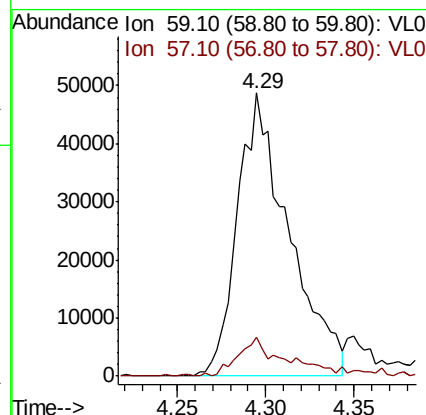
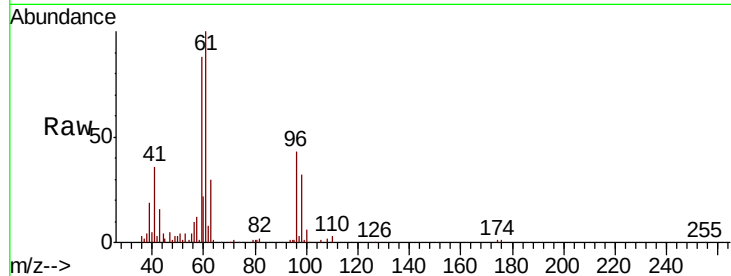
57 13.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#18

1,1-Dichloroethene

Concen: 0.893 ppbv m

RT: 4.29 min Scan# 468

Delta R.T. 0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

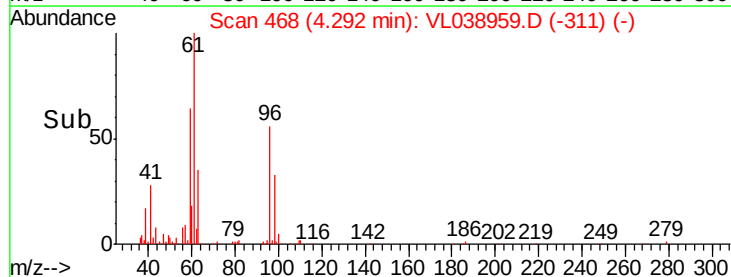
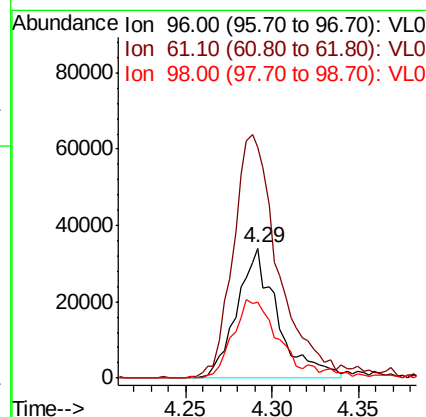
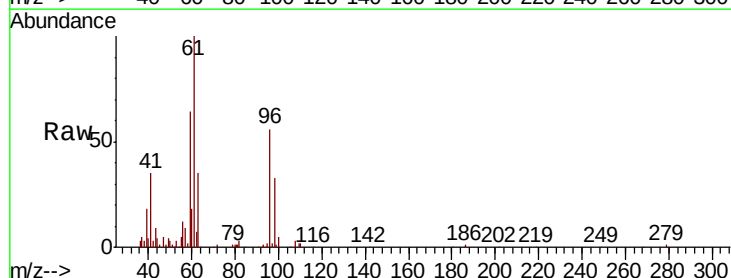
Tgt Ion: 96 Resp: 56253

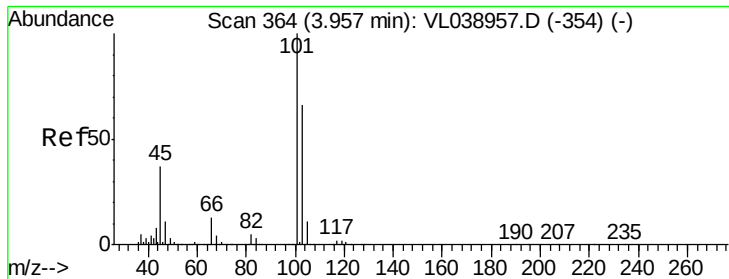
Ion Ratio Lower Upper

96 100

61 177.8 146.3 219.5

98 58.1 50.6 75.8





#19

Isopropyl Alcohol

Concen: 0.892 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion:

Ion Ratio

45 100

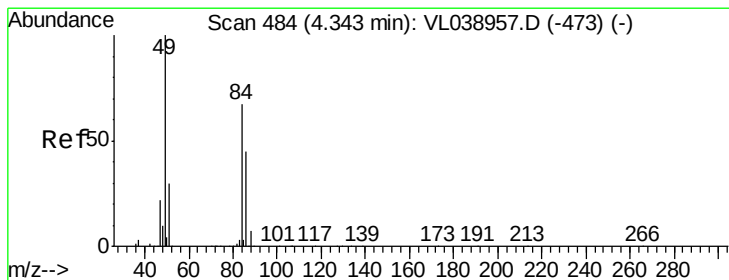
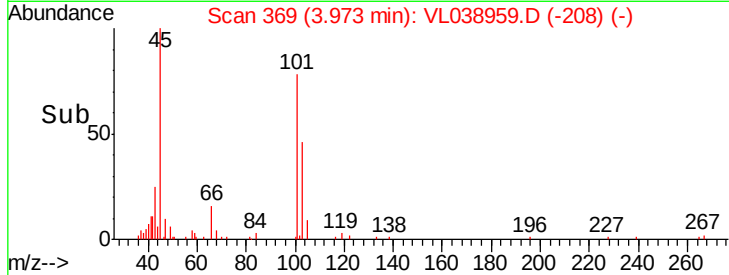
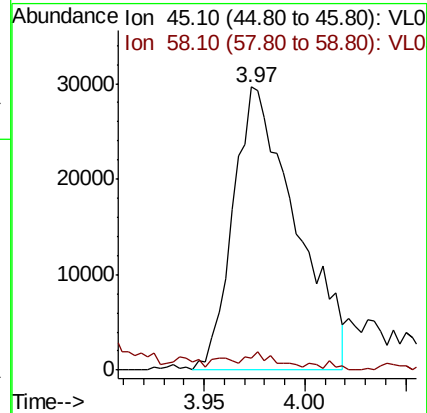
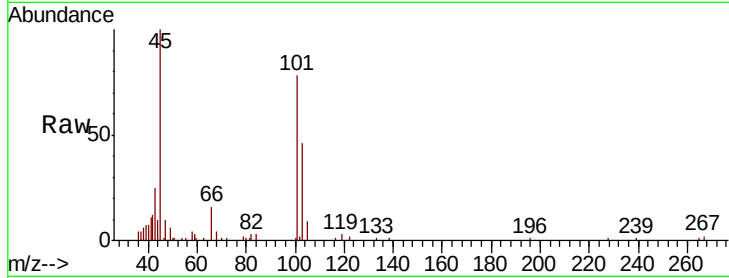
58 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#20

Methylene Chloride

Concen: 0.882 ppbv m

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

Tgt Ion: 84 Resp: 53805

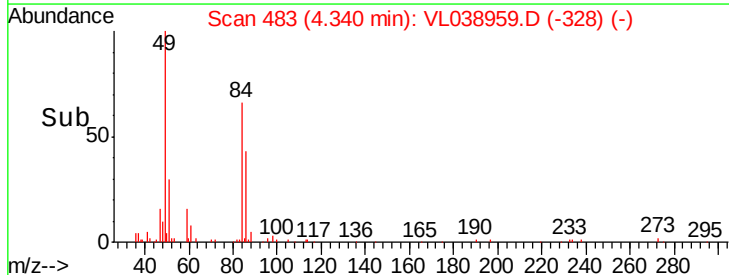
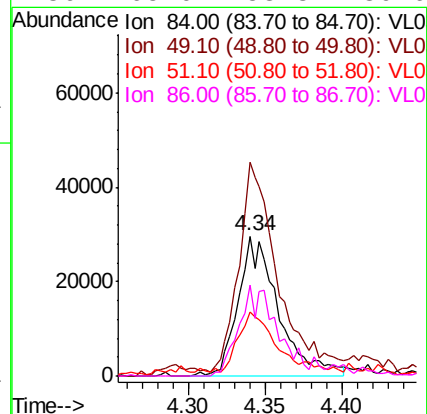
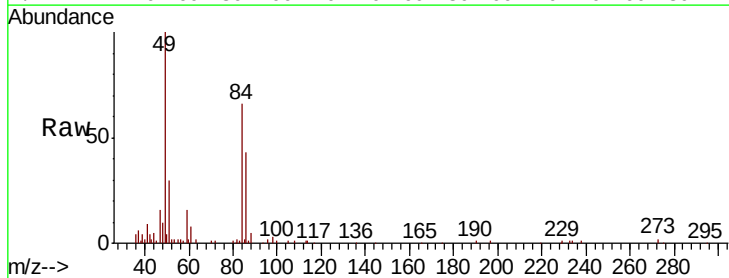
Ion Ratio Lower Upper

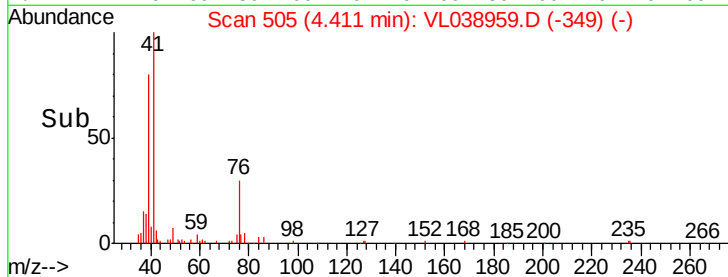
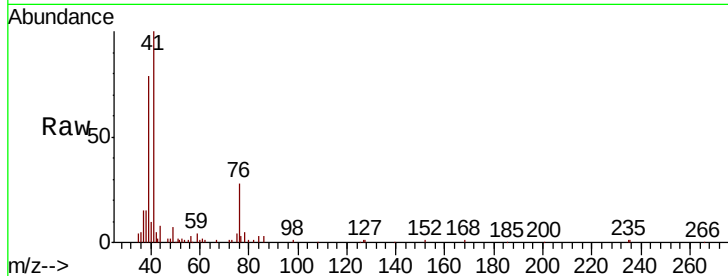
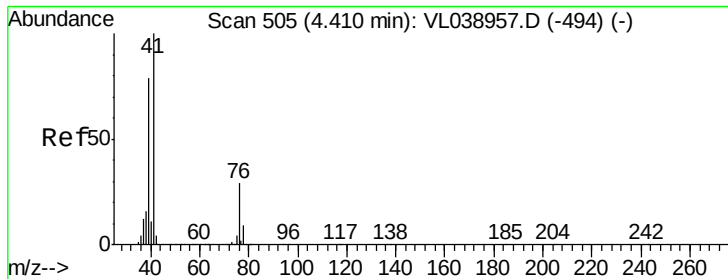
84 100

49 152.5 119.9 179.9

51 45.6 35.7 53.5

86 65.0 53.8 80.6



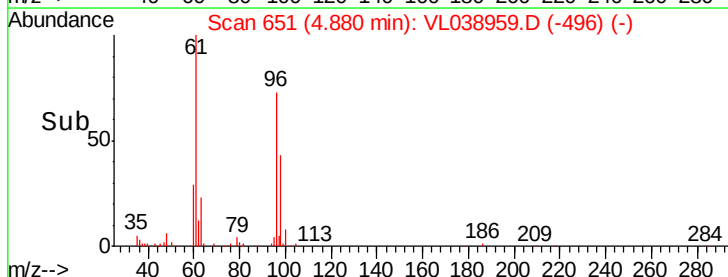
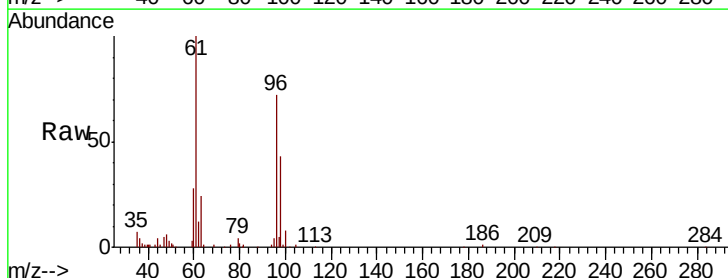
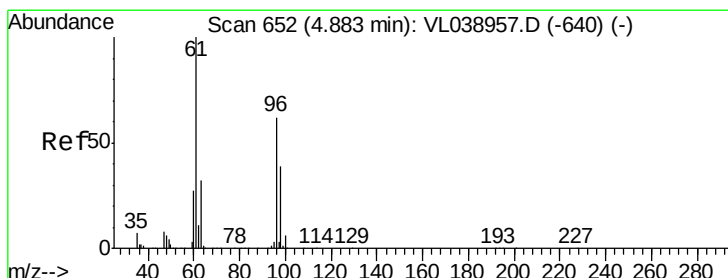
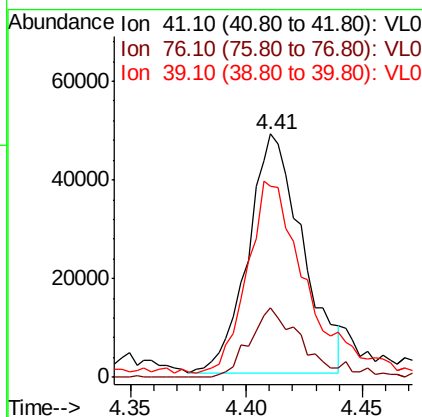


#21
 Allvl Chloride
 Concen: 0.762 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion:
 Ion Ratio
 41 100
 76 30.
 39 95.

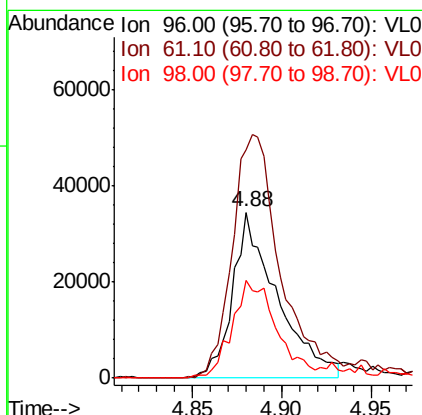
Manual Integrations
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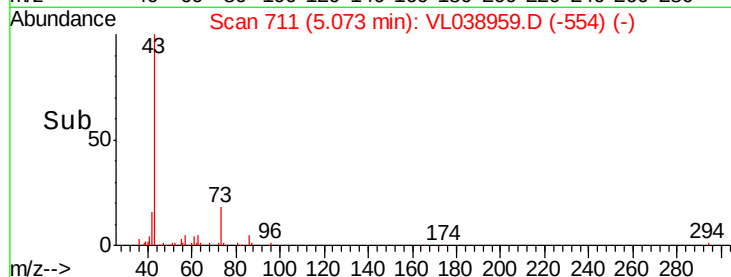
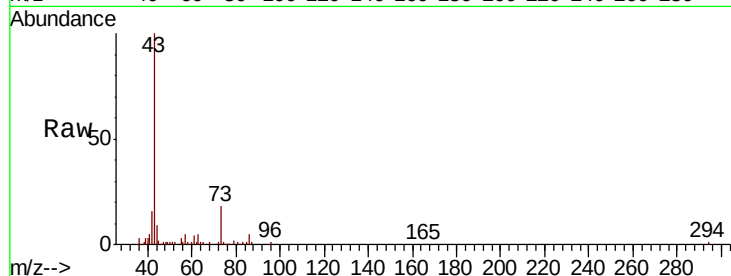
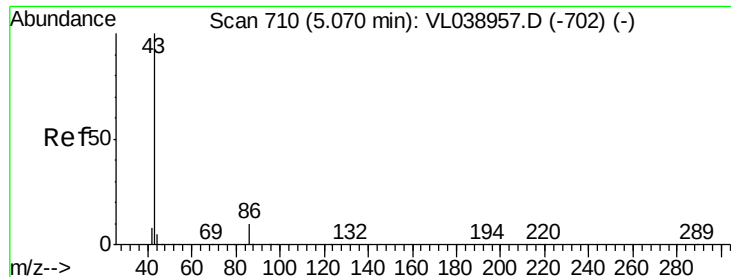
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#22
 trans-1,2-Dichloroethene
 Concen: 1.003 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion: 96 Resp: 59889
 Ion Ratio Lower Upper
 96 100
 61 137.2 128.2 192.2
 98 59.0 50.1 75.1



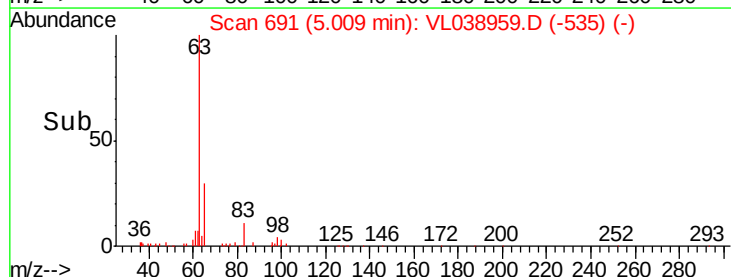
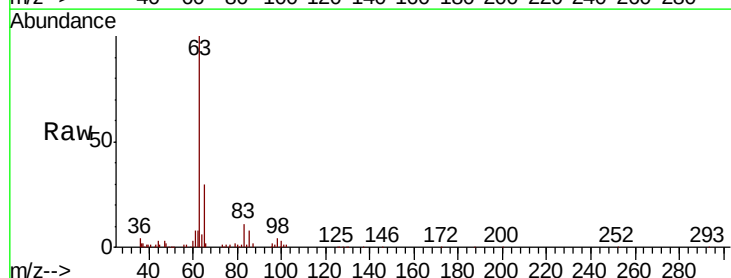
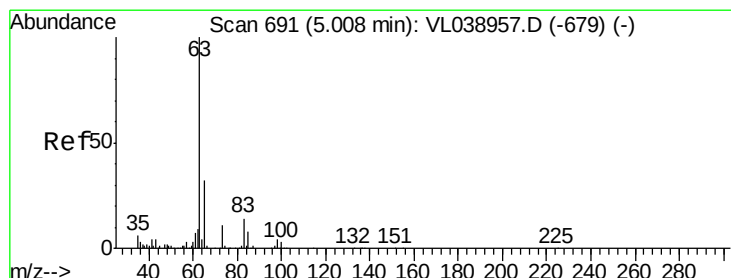
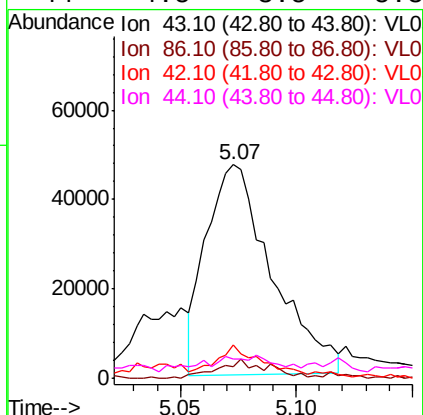


#23
 Vinyl Acetate
 Concen: 0.451 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion:
 Ion Ratio
 43 100
 86 5.
 42 15.
 44 4.5 3.5 5.3

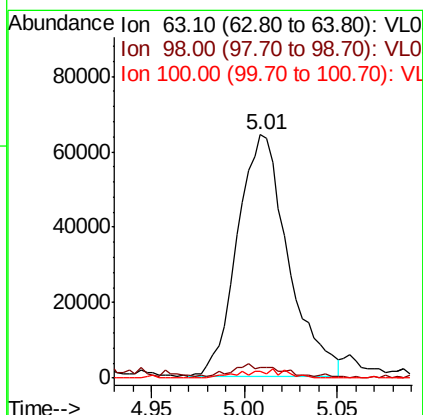
Manual Integrations
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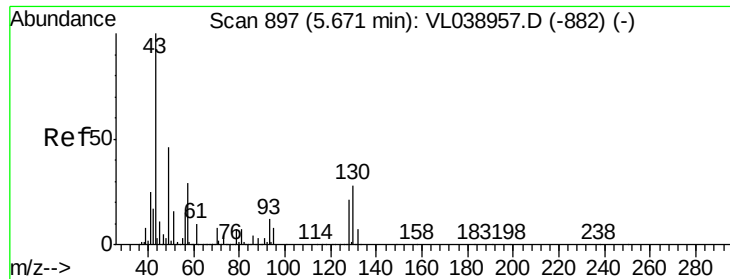
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#24
 1,1-Dichloroethane
 Concen: 0.764 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion: 63 Resp: 120992
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.1 6.2
 100 2.6 1.4 4.2



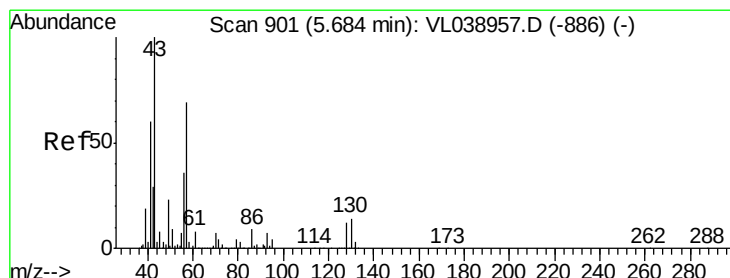
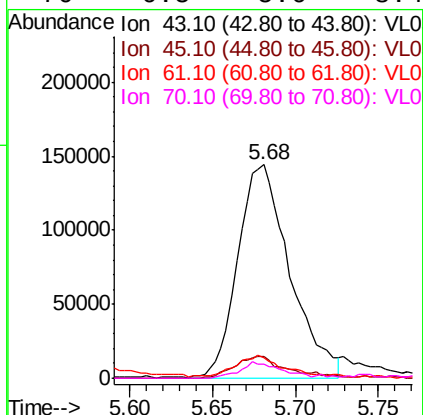
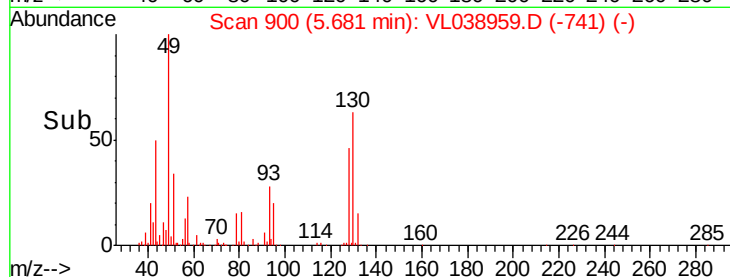
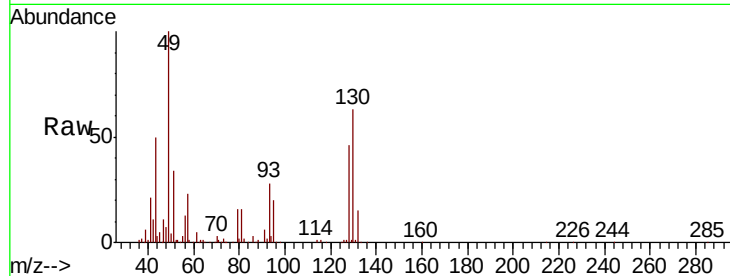


#25
Ethyl Acetate
Concen: 0.976 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC001
Acq: 5 May 2022 4:01

Tot Ion:
Ion Ratio
43 100
45 11.
61 9.
70 6.5 5.6 8.4

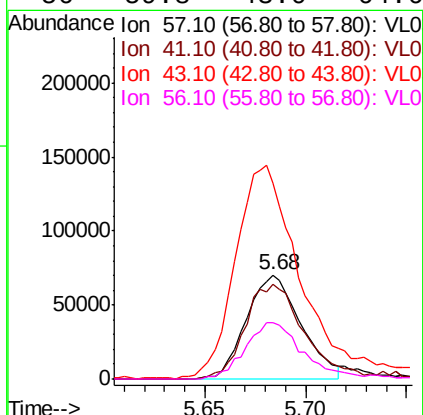
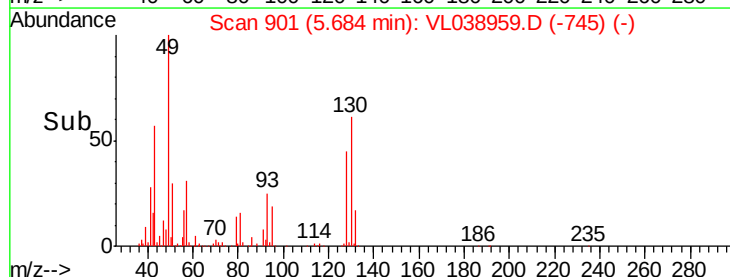
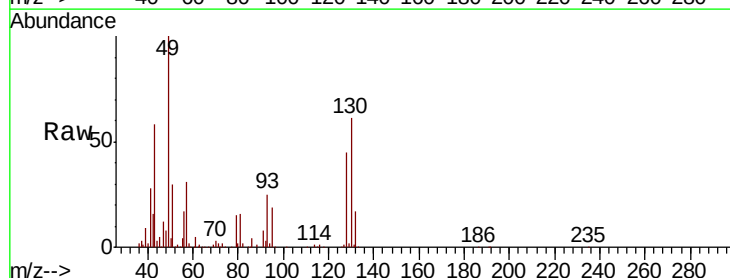
Manual Integrations
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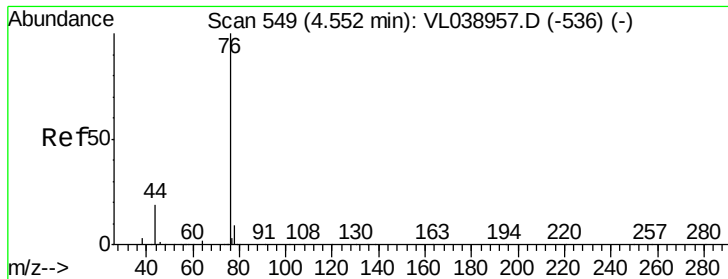
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#26
Hexane
Concen: 0.907 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 57 Resp: 132492
Ion Ratio Lower Upper
57 100
41 104.5 75.2 112.8
43 254.4 190.8 286.2
56 59.8 43.0 64.6





#27

Carbon Disulfide

Concen: 0.864 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion:

Ion Ratio

76 100

44 22.

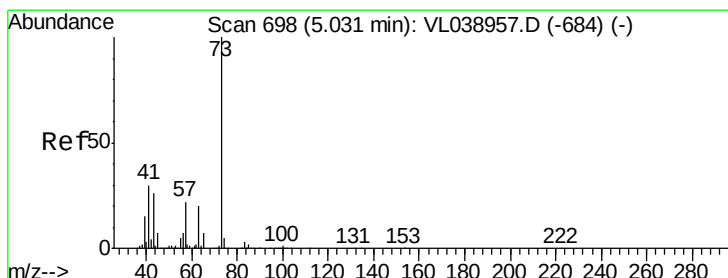
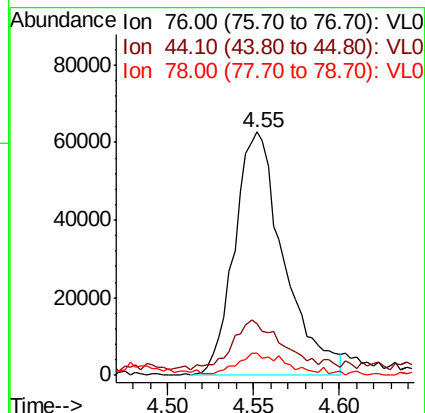
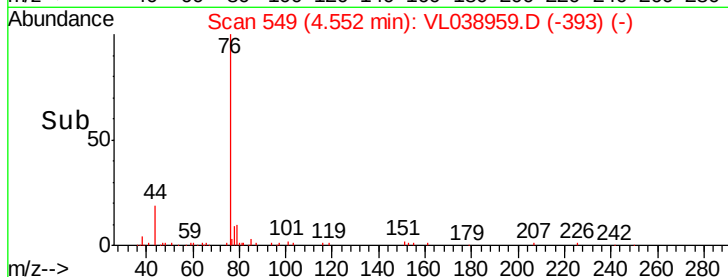
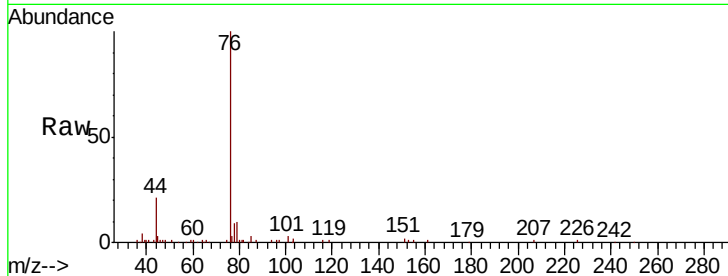
78 10.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#28

Methyl tert-Butyl Ether

Concen: 0.616 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.01 min

Lab File: VL038959.D

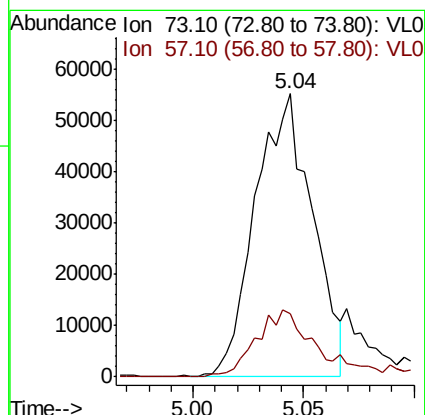
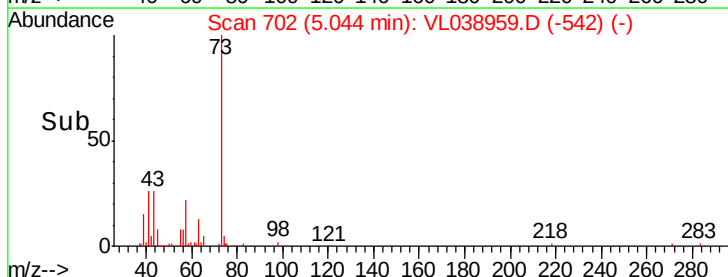
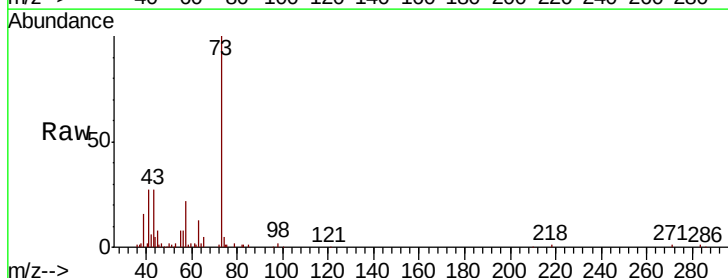
Acq: 5 May 2022 4:01

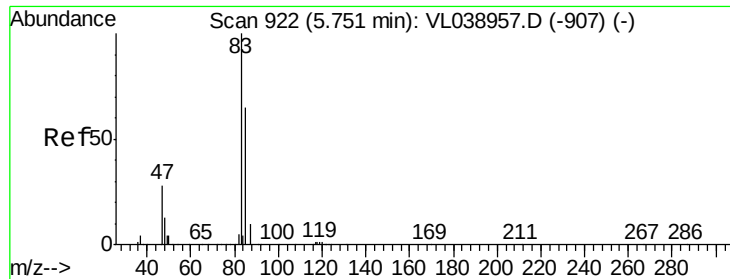
Tgt Ion: 73 Resp: 99347

Ion Ratio Lower Upper

73 100

57 27.1 18.8 28.2



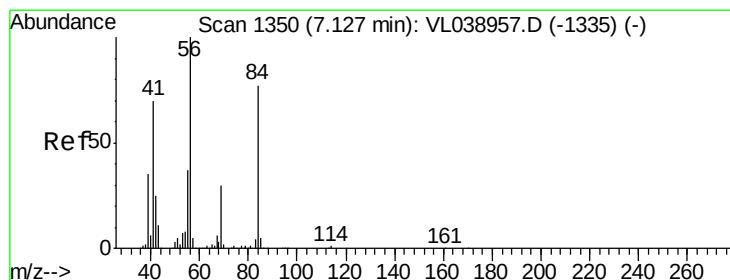
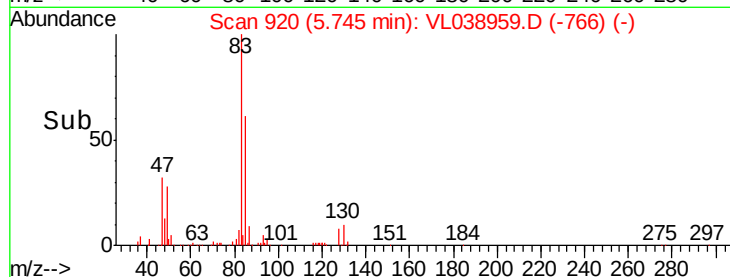
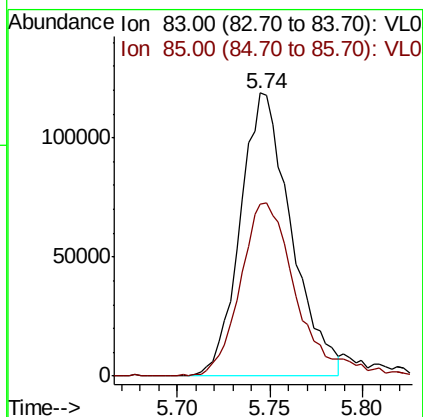
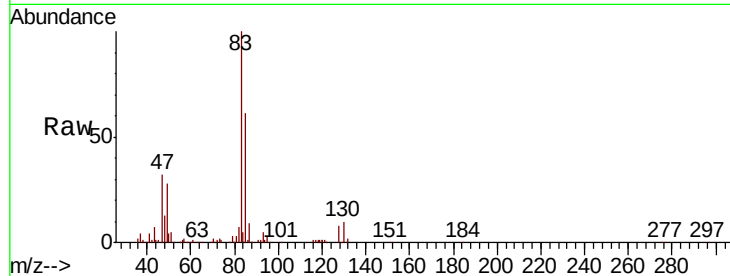


#29
Chloroform
Concen: 0.959 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 4:01

Tot Ion:
Ion Ratio
83 100
85 60.

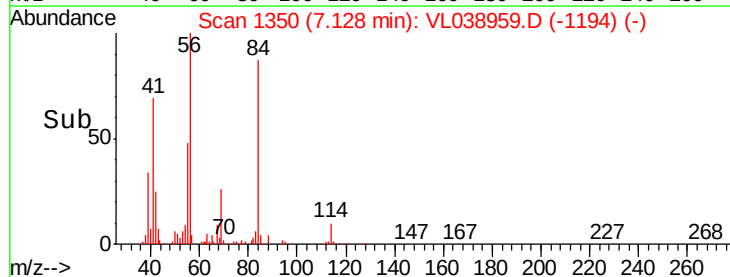
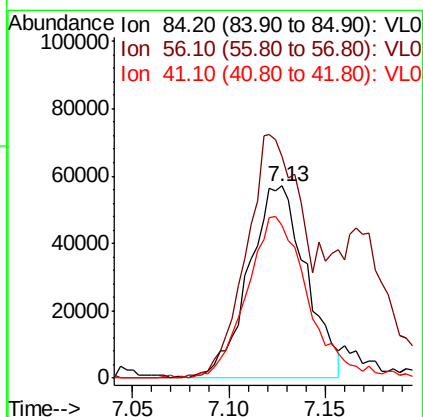
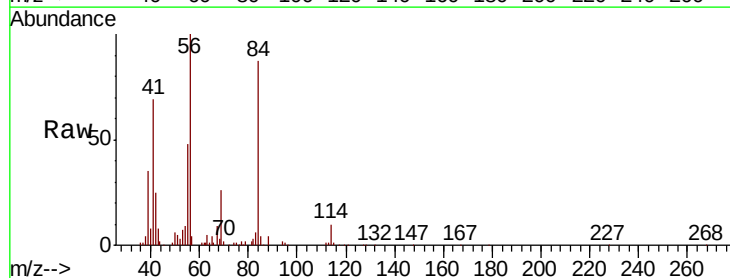
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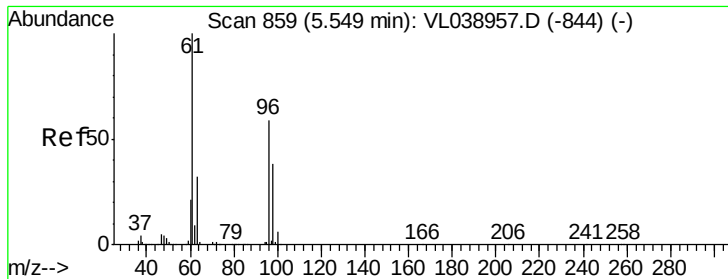
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#30
Cyclohexane
Concen: 0.994 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 84 Resp: 117640
Ion Ratio Lower Upper
84 100
56 210.3 115.3 172.9#
41 91.1 72.0 108.0





#31

cis-1,2-Dichloroethene

Concen: 0.994 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion:

Ion Ratio

61 100

96 54.

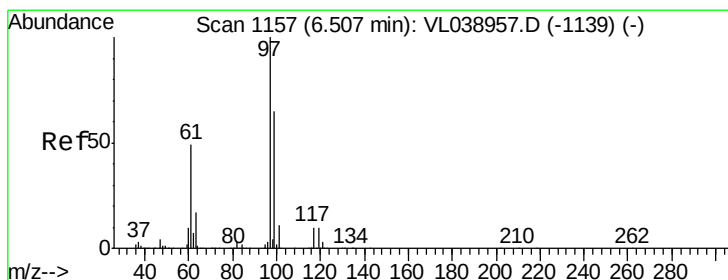
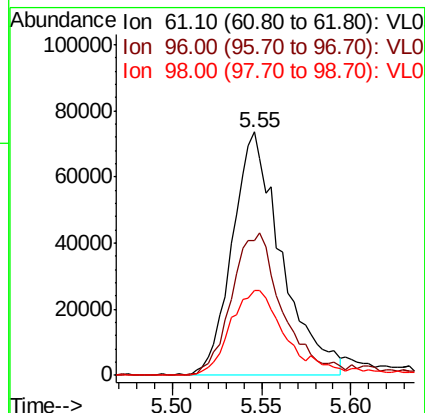
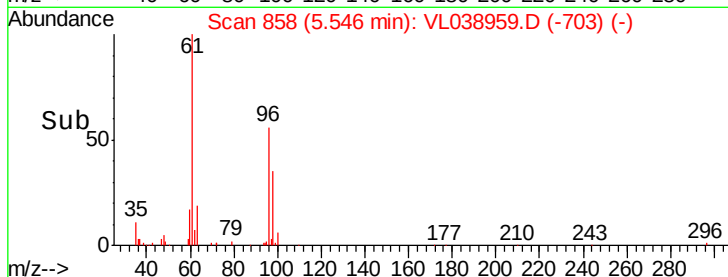
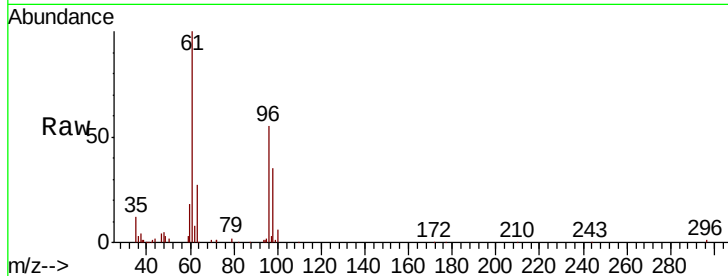
98 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#32

1,1,1-Trichloroethane

Concen: 0.898 ppbv

RT: 6.50 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

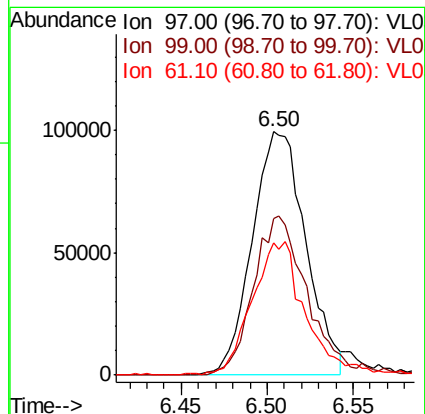
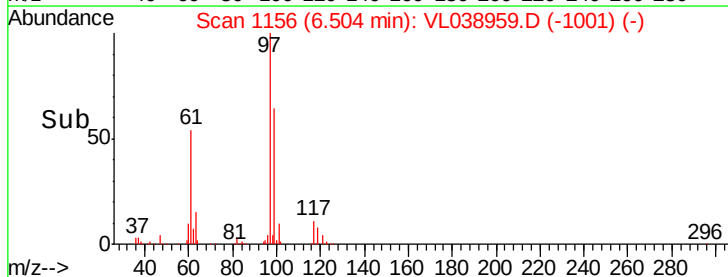
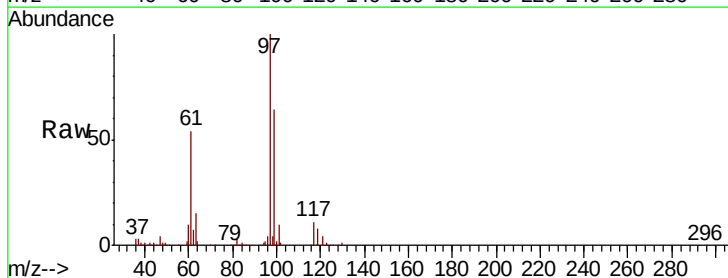
Tgt Ion: 97 Resp: 214670

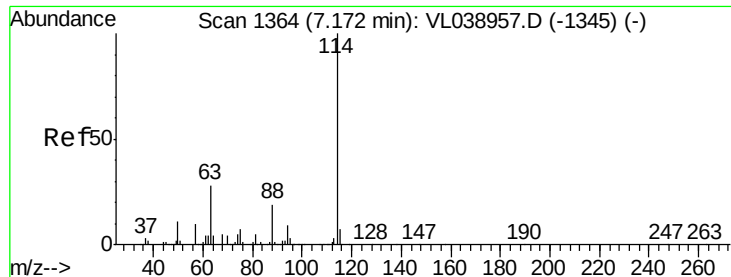
Ion Ratio Lower Upper

97 100

99 66.9 51.9 77.9

61 55.3 40.9 61.3



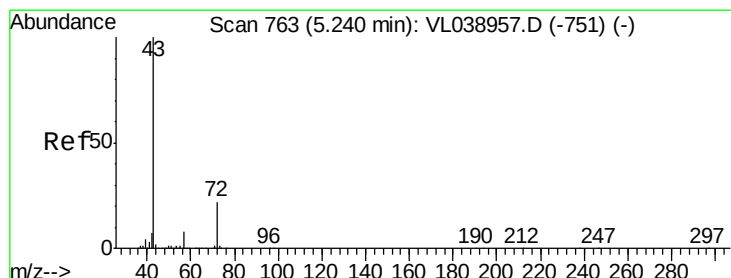
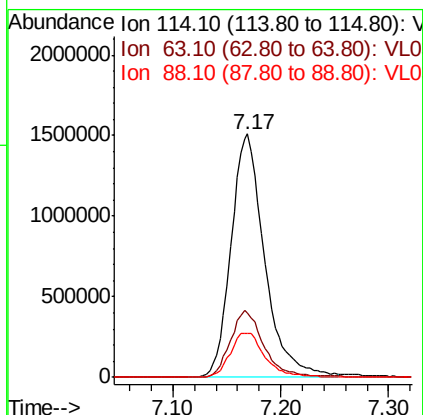
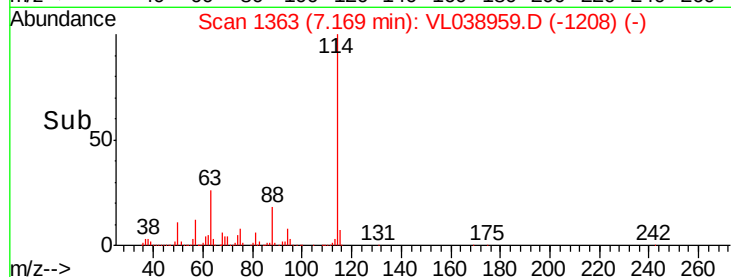
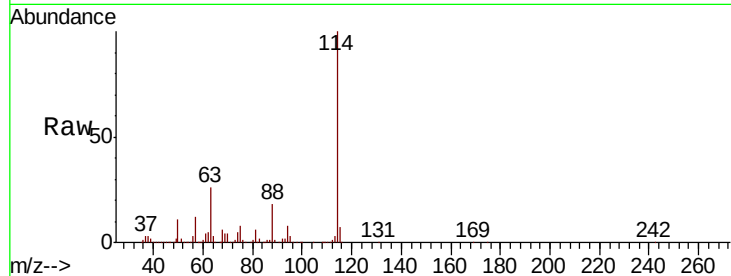


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion:1
 Ion Rati
 114 100
 63 28.
 88 19.

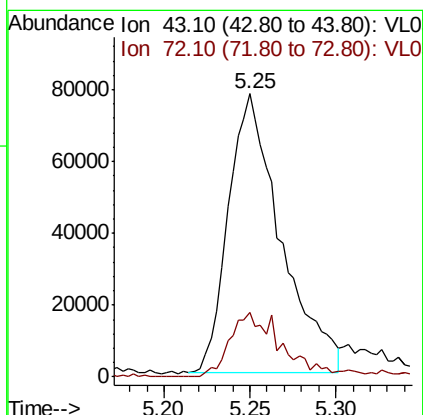
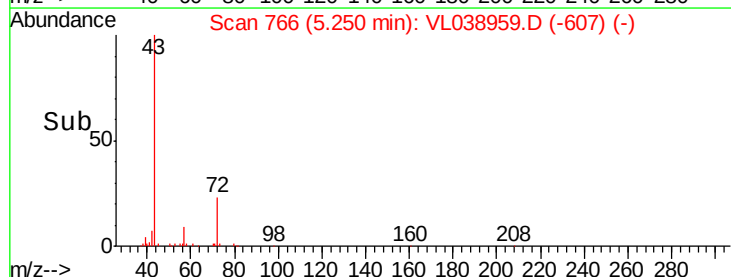
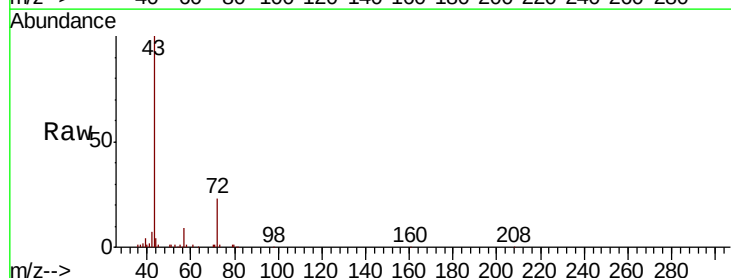
Manual Integrations
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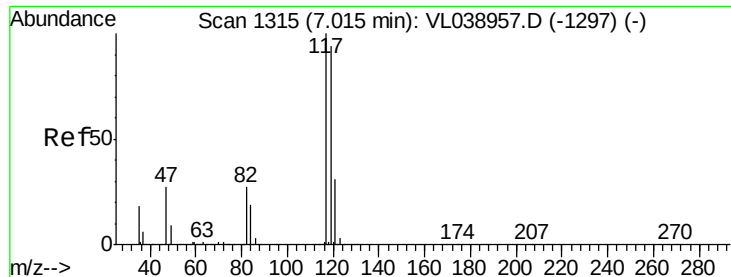
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#34
 2-Butanone
 Concen: 1.010 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion: 43 Resp: 164387
 Ion Ratio Lower Upper
 43 100
 72 24.9 17.8 26.6



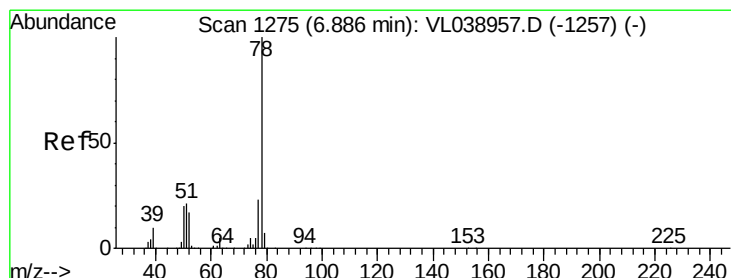
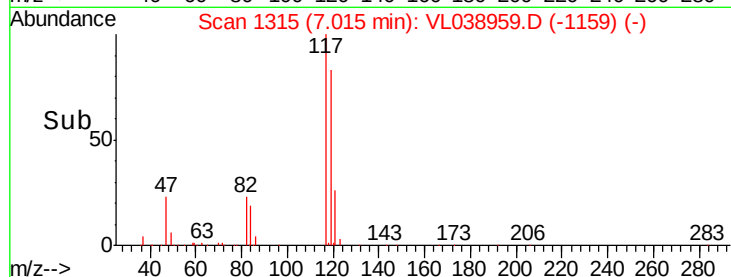
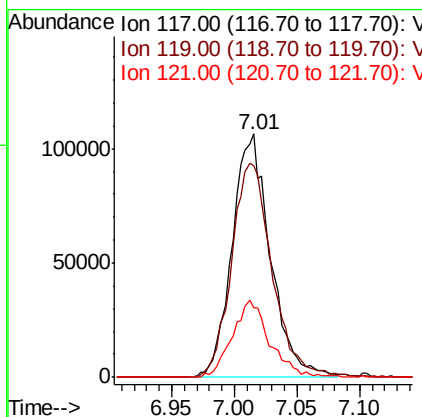
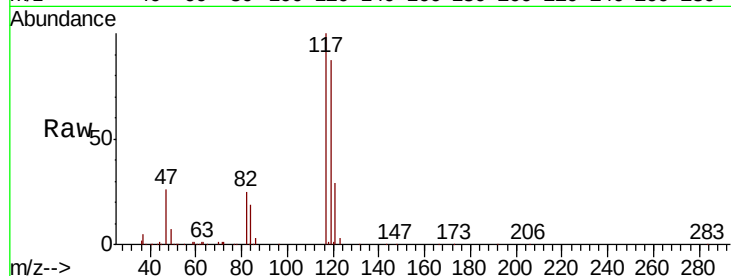


#35
Carbon Tetrachloride
Concen: 0.898 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC001
Acq: 5 May 2022 4:01

Tot Ion:1
Ion Rati
117 100
119 86.
121 28.

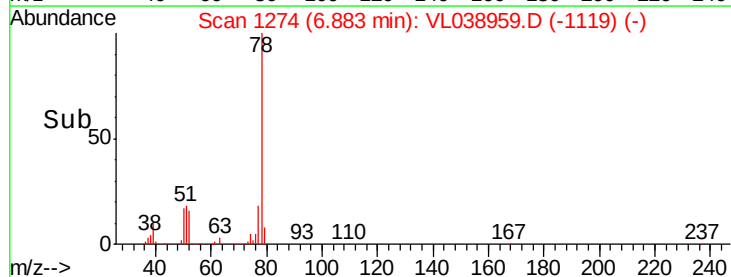
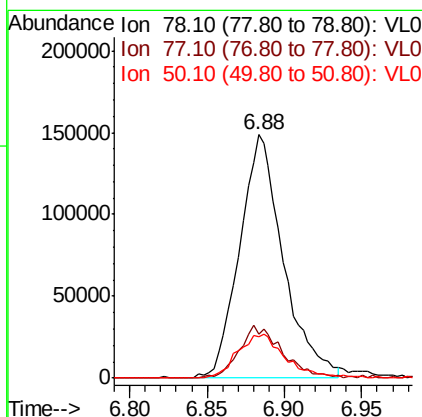
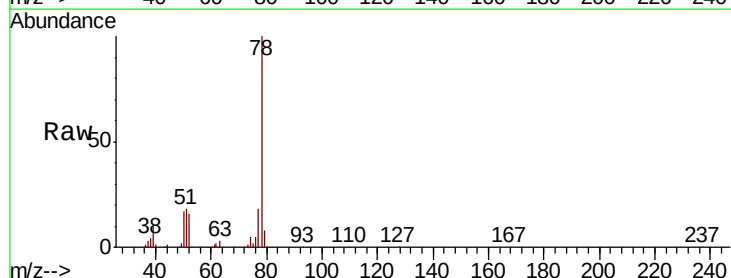
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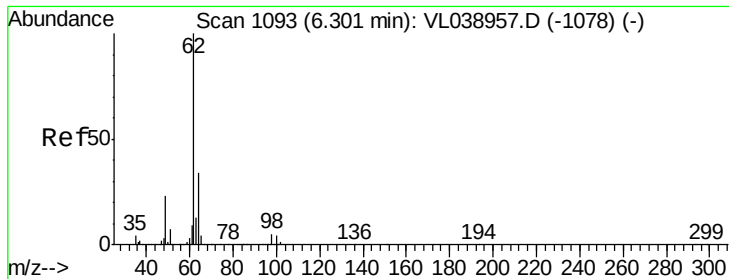
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#36
Benzene
Concen: 0.976 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 78 Resp: 291986
Ion Ratio Lower Upper
78 100
77 18.0 18.6 28.0#
50 17.2 15.6 23.4



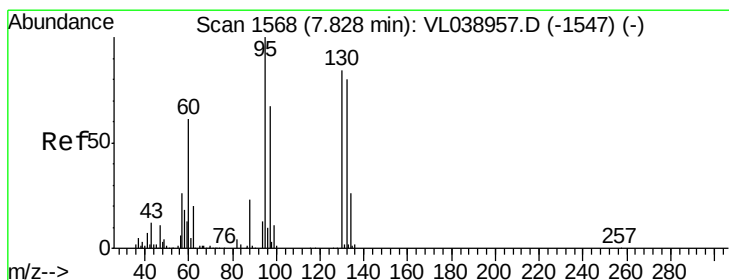
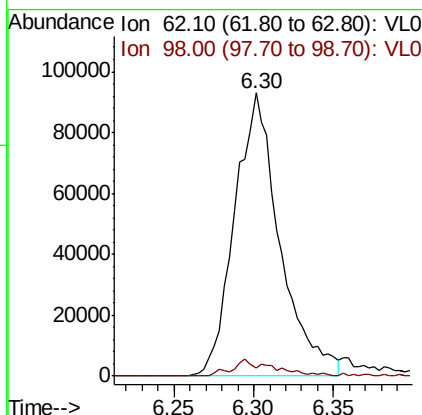
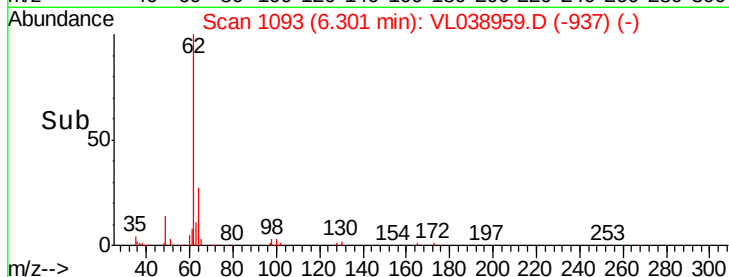
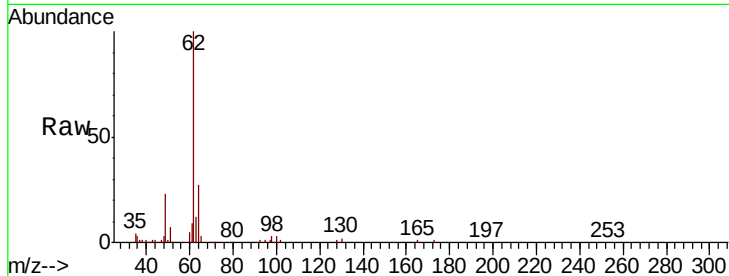


#37
 1,2-Dichloroethane
 Concen: 1.003 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion:
 Ion Rati
 62 100
 98 5.

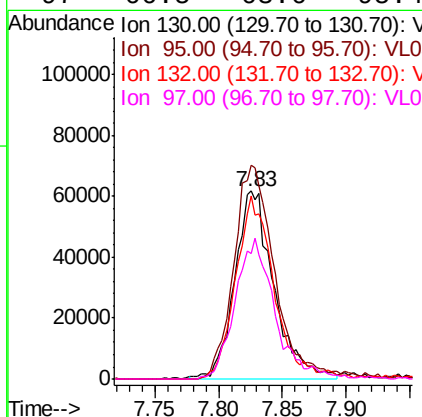
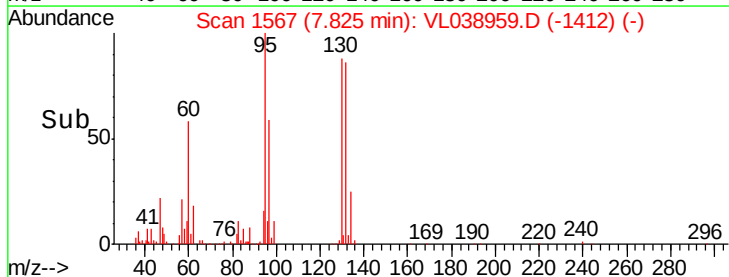
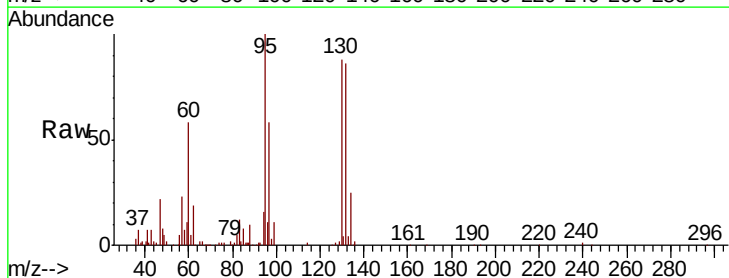
Manual Integrations
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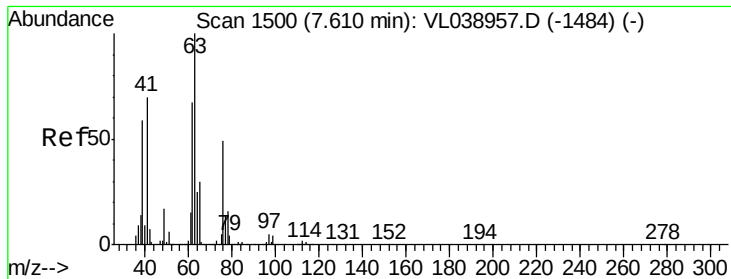
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#38
 Trichloroethene
 Concen: 1.099 ppbv m
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion:130 Resp: 131587
 Ion Ratio Lower Upper
 130 100
 95 113.8 94.8 142.2
 132 97.8 75.8 113.8
 97 66.5 63.6 95.4



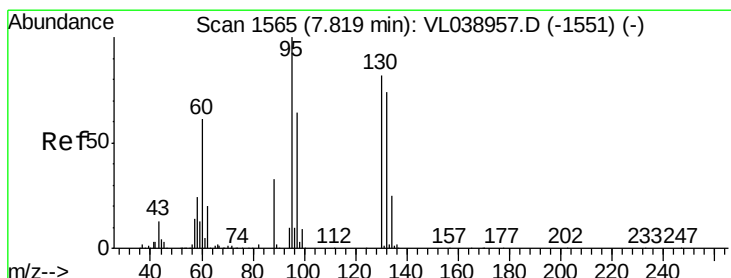
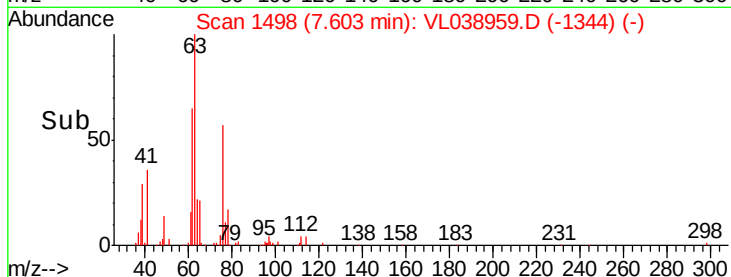
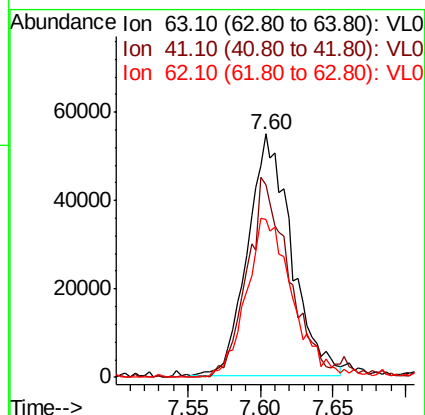
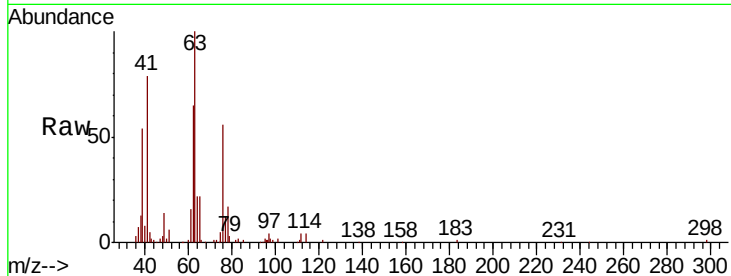


#39
 1,2-Dichloropropane
 Concen: 0.949 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion:
 Ion Ratio
 63 100
 41 79.
 62 64.

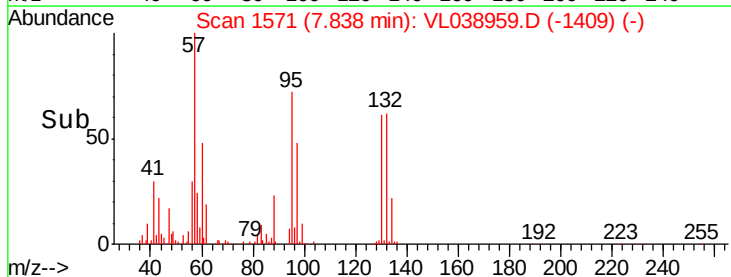
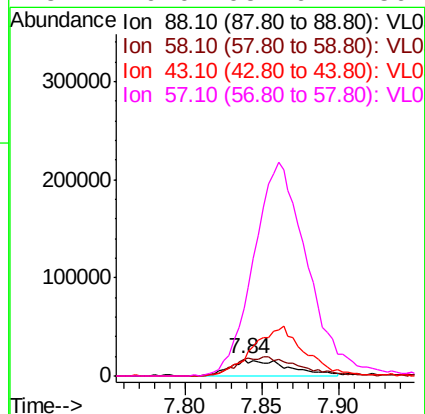
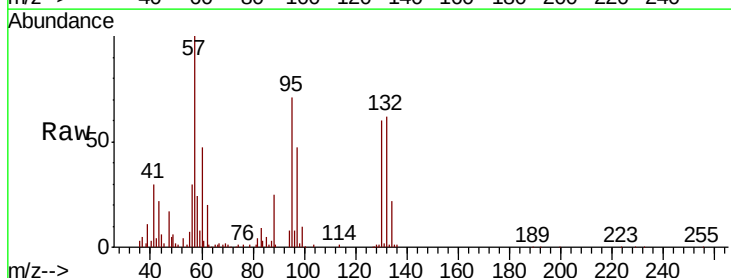
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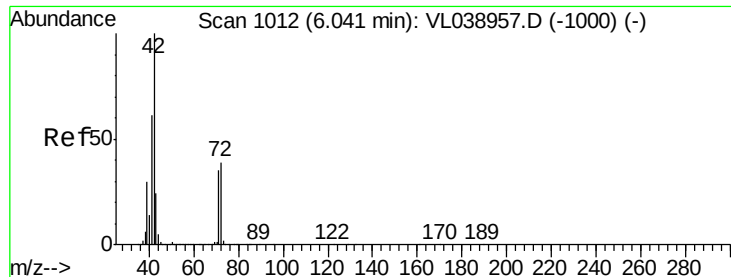
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#40
 1,4-Dioxane
 Concen: 1.406 ppbv m
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.02 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion: 88 Resp: 43702
 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: 1.389 ppbv

RT: 6.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01

Tot Ion:

Ion Ratio

42 100

72 39.

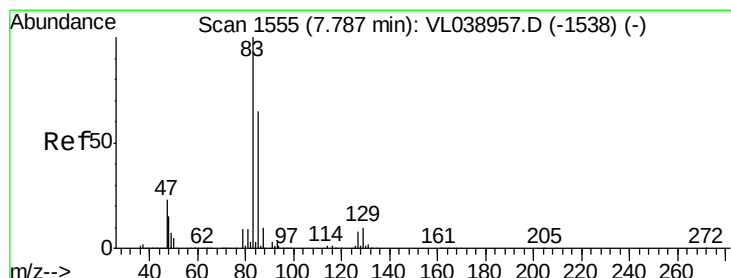
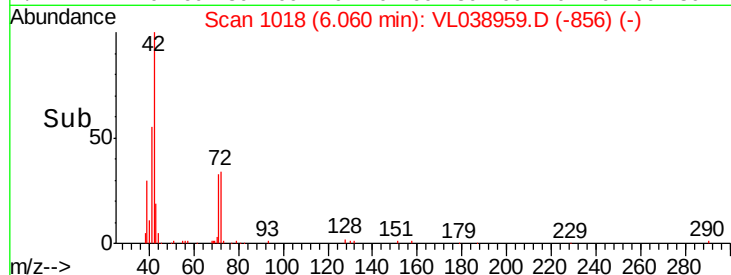
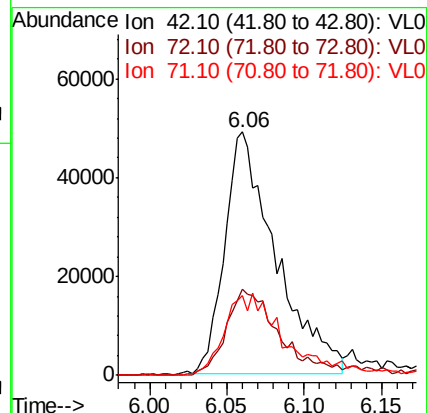
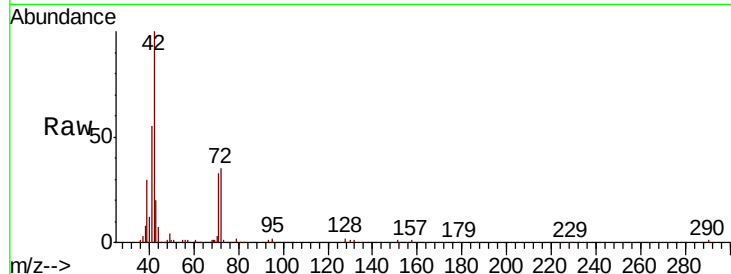
71 41.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#42

Bromodichloromethane

Concen: 0.957 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

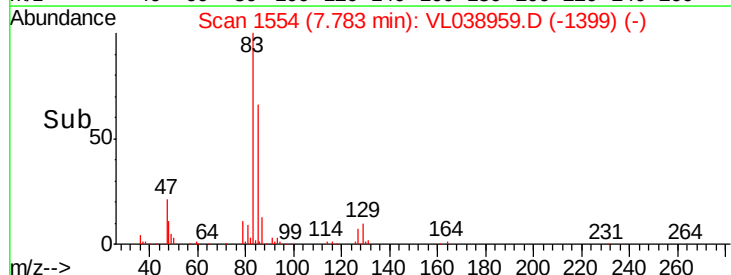
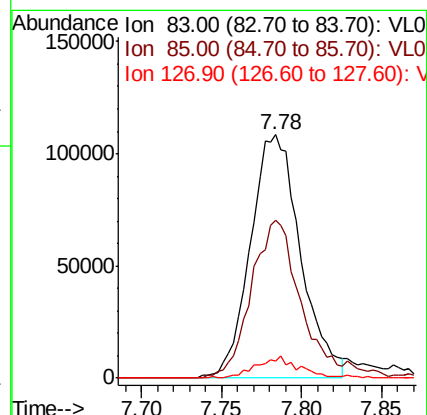
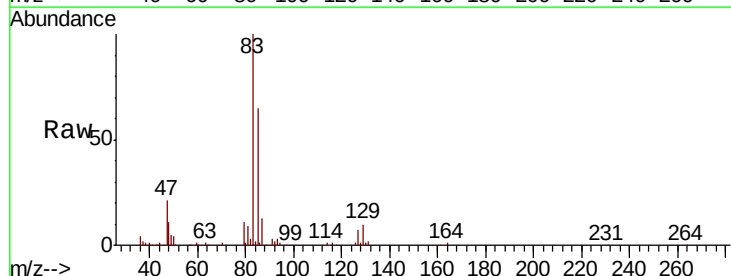
Tgt Ion: 83 Resp: 232810

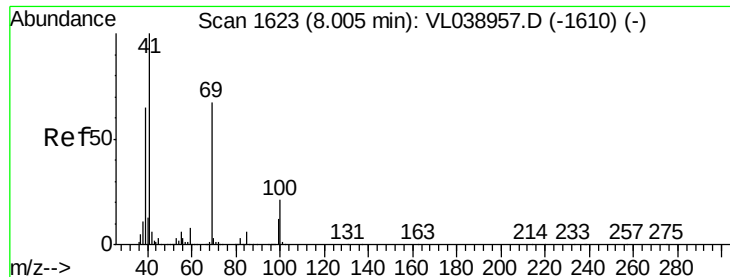
Ion Ratio Lower Upper

83 100

85 65.1 52.0 78.0

127 7.1 6.0 9.0



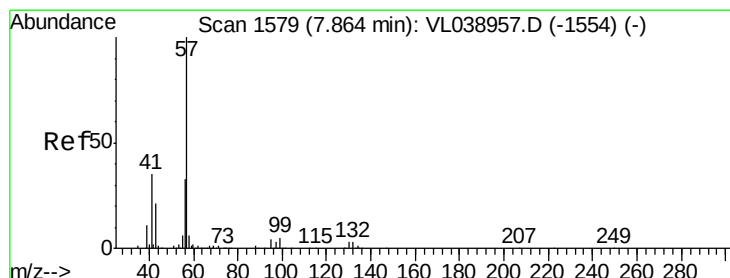
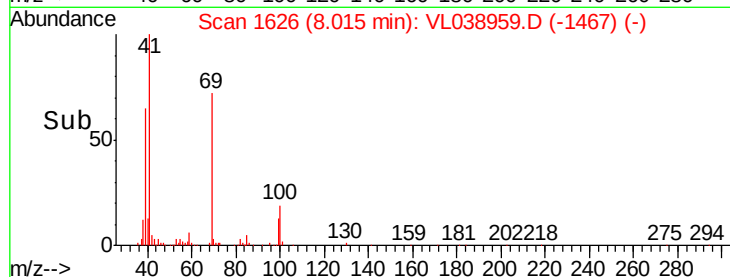
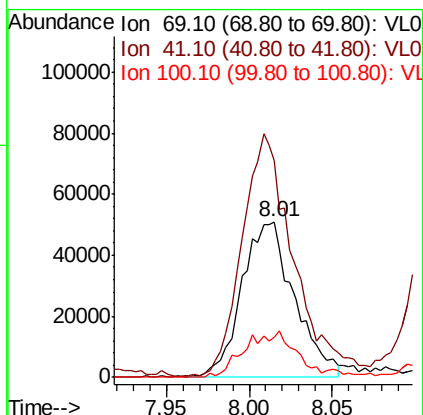
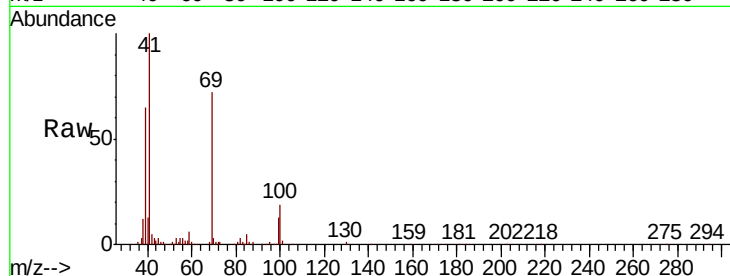


#43
Methyl Methacrylate
Concen: 1.090 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 5 May 2022 4:01

Tot Ion:
Ion Ratio
69 100
41 153.
100 31.

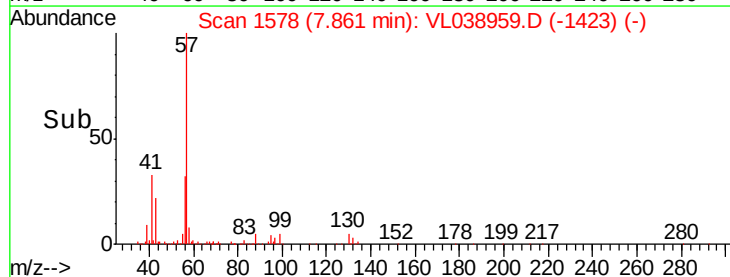
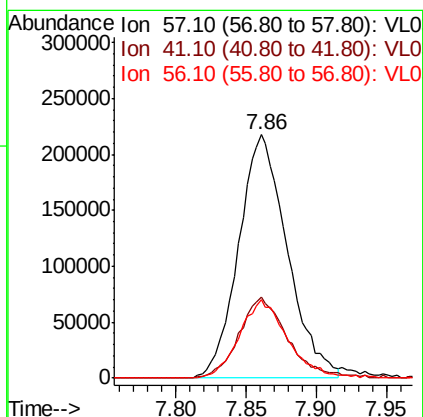
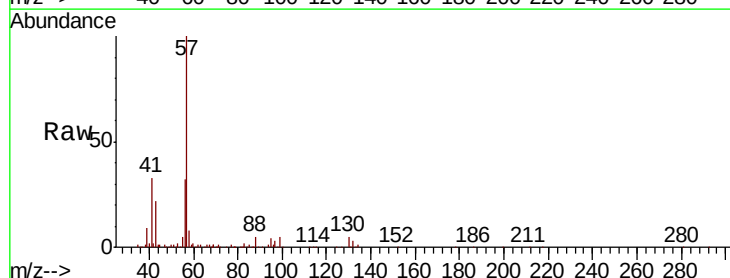
Manual Integrations
APPROVED

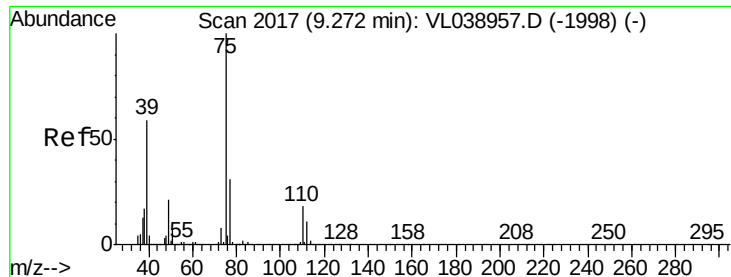
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#44
2,2,4-Trimethylpentane
Concen: 0.988 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 57 Resp: 522813
Ion Ratio Lower Upper
57 100
41 33.6 26.3 39.5
56 32.3 24.6 37.0





#45

t-1,3-Dichloropropene

Concen: 0.780 ppbv m

RT: 9.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion:

Ion Ratio

75 100

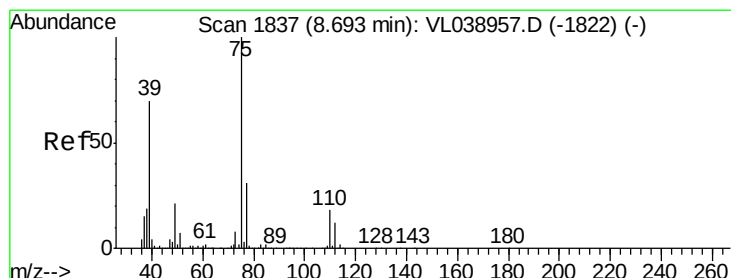
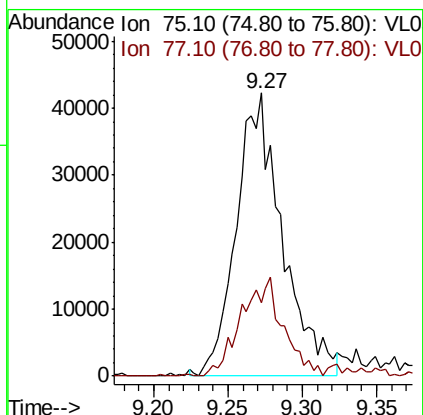
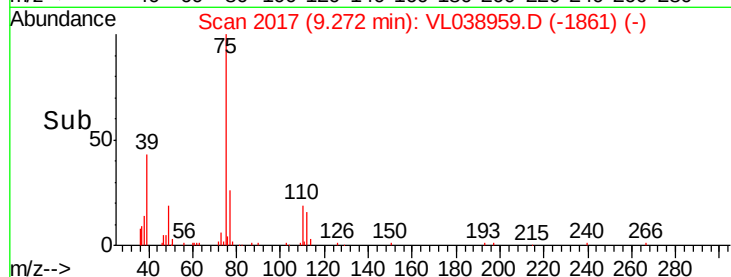
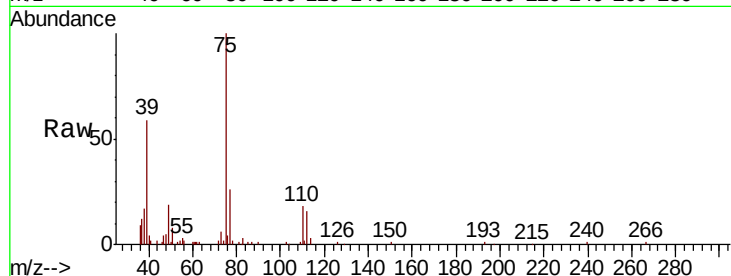
77 26.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#46

cis-1,3-Dichloropropene

Concen: 0.928 ppbv m

RT: 8.70 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

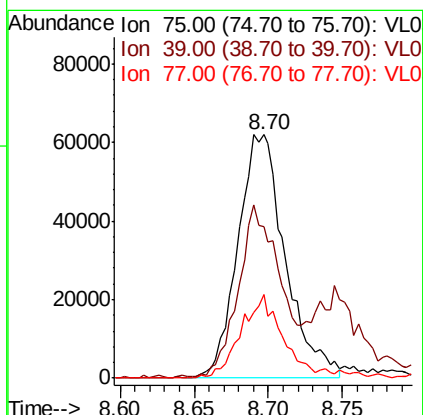
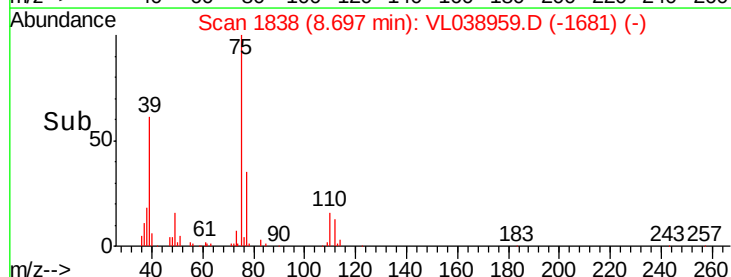
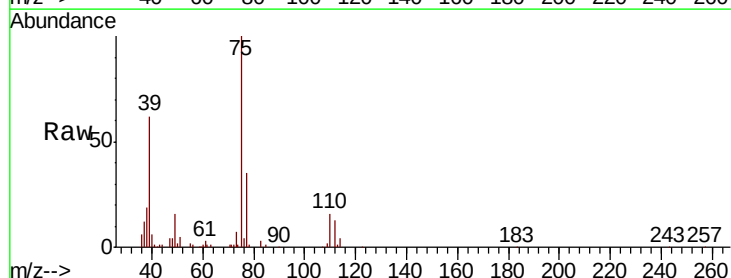
Tgt Ion: 75 Resp: 137948

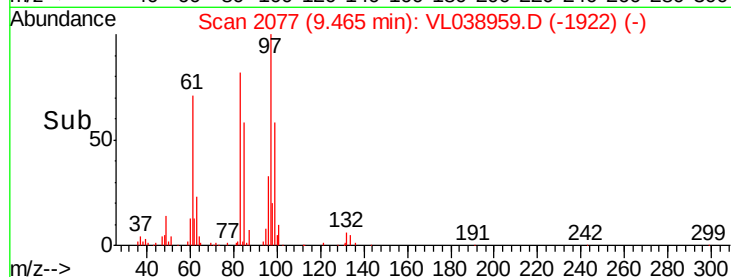
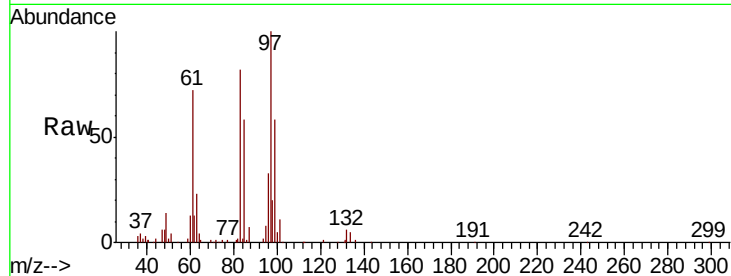
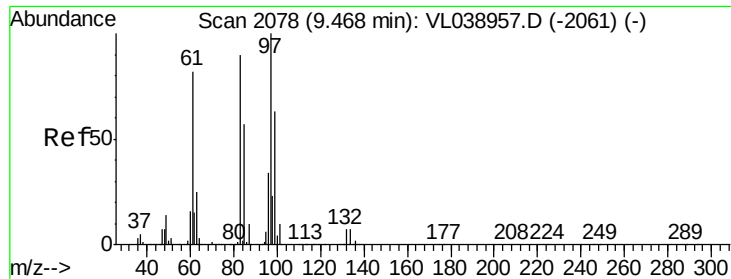
Ion Ratio Lower Upper

75 100

39 62.4 55.8 83.6

77 34.6 24.8 37.2



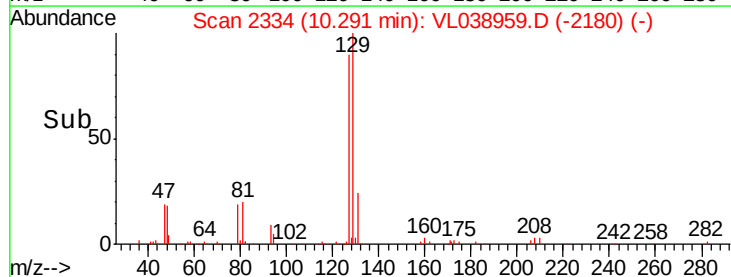
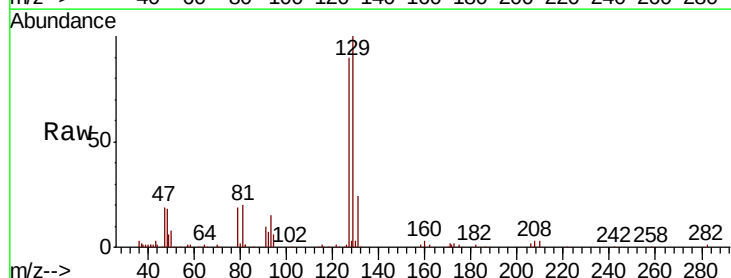
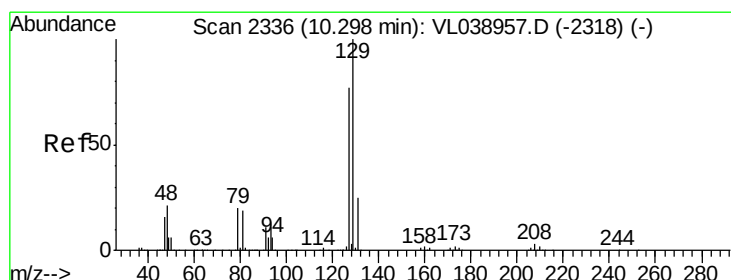
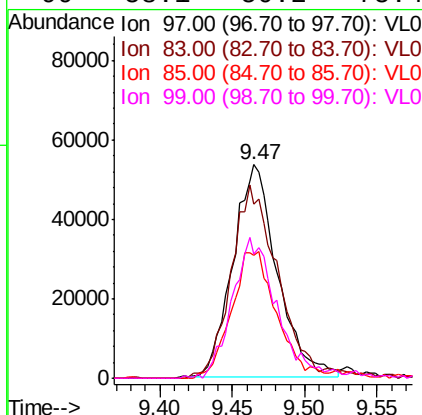


#47
 1,1,2-Trichloroethane
 Concen: 0.921 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 5 May 2022 4:01

Tot Ion:
 Ion Ratio
 97 100
 83 81.
 85 58.
 99 58.1 50.2 75.4

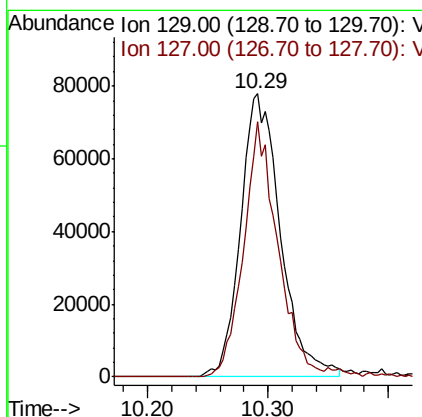
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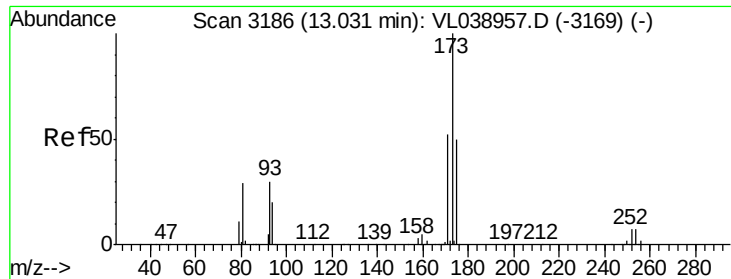
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#48
 Dibromochloromethane
 Concen: 0.950 ppbv m
 RT: 10.29 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion:129 Resp: 180132
 Ion Ratio Lower Upper
 129 100
 127 79.2 39.3 117.9





#49

Bromoform

Concen: 0.904 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 4:01

Tot Ion:1

Ion Rati

173 100

175 52.

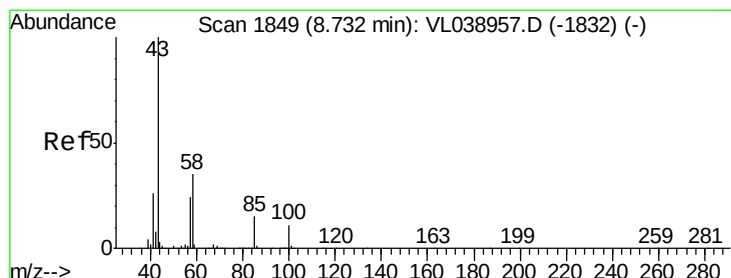
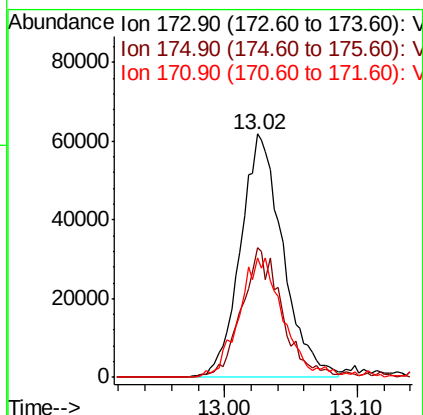
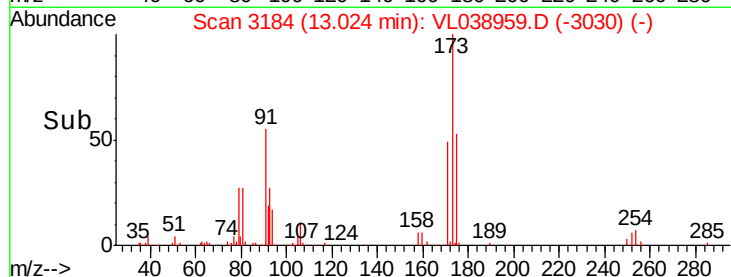
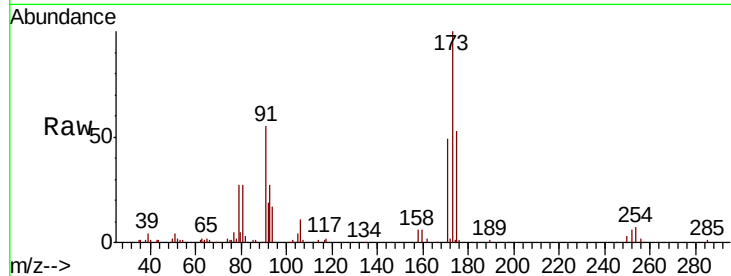
171 52.

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#50

4-Methyl-2-Pentanone

Concen: 1.264 ppbv m

RT: 8.74 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VL038959.D

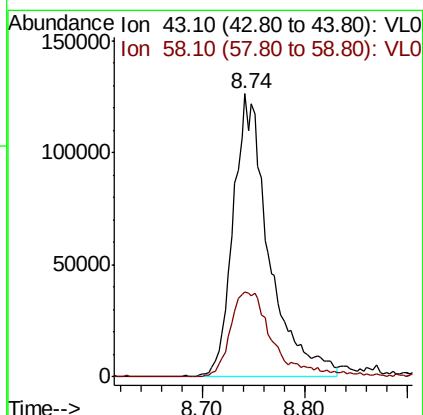
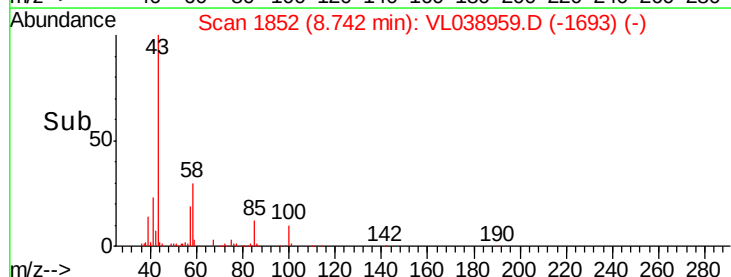
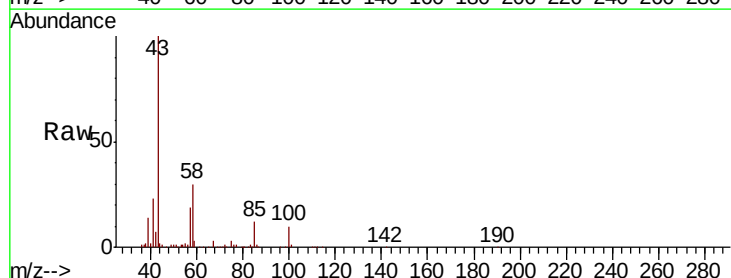
Acq: 5 May 2022 4:01

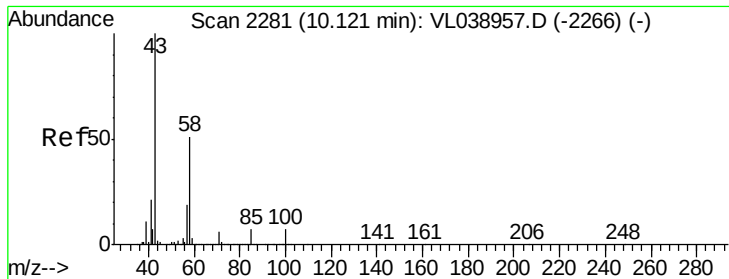
Tgt Ion: 43 Resp: 307406

Ion Ratio Lower Upper

43 100

58 36.1 28.4 42.6





#51

2-Hexanone

Concen: 1.359 ppbv

RT: 10.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 4:01

Tot Ion:

Ion Ratio

43 100

58 55.

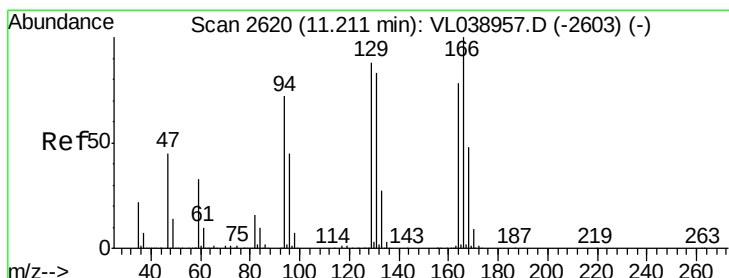
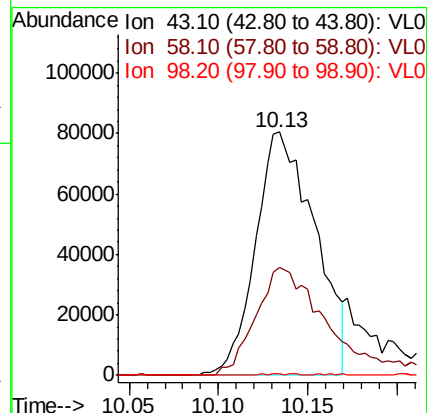
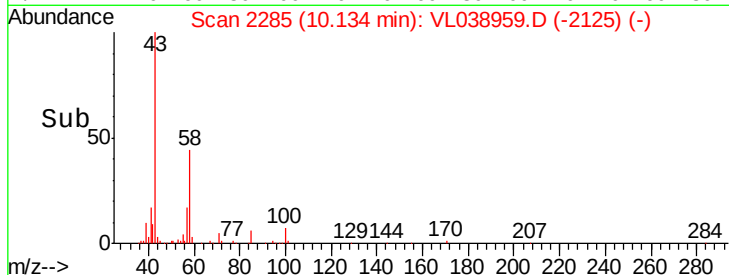
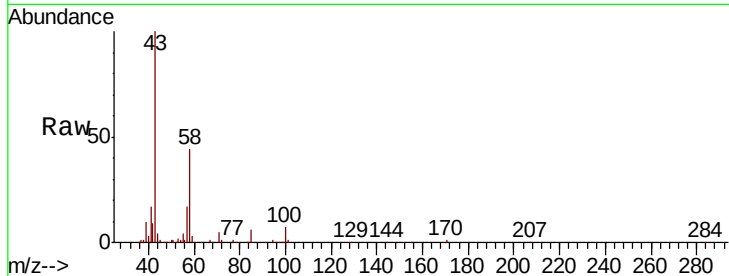
98 0.

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APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#52

Tetrachloroethene

Concen: 0.896 ppbv

RT: 11.21 min Scan# 2621

Delta R.T. 0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

Tgt Ion:164 Resp: 98975

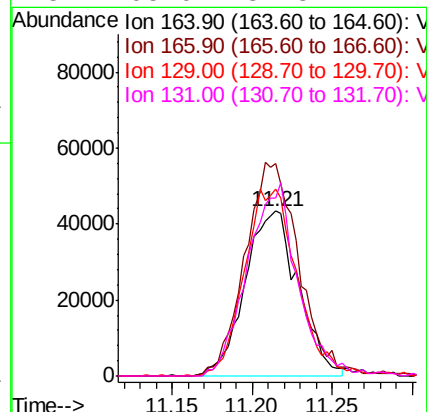
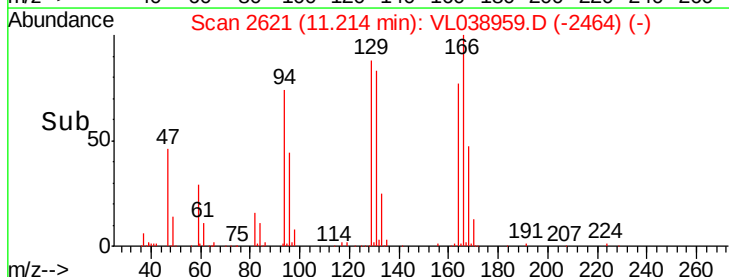
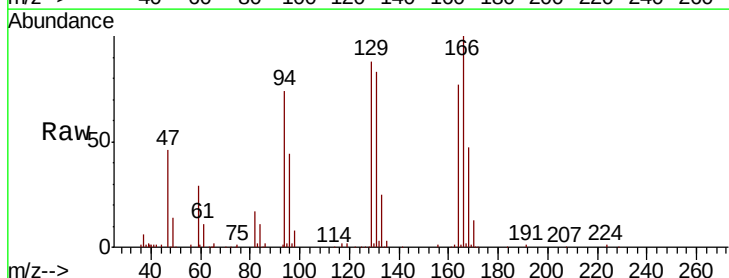
Ion Ratio Lower Upper

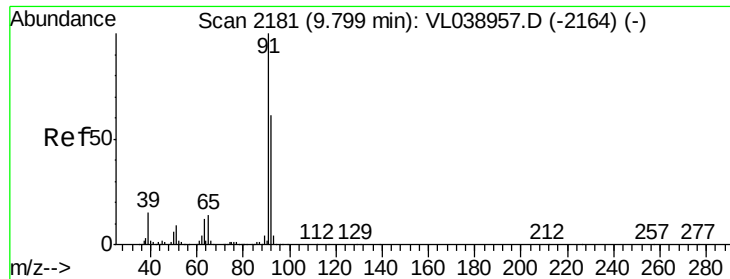
164 100

166 129.5 102.5 153.7

129 113.9 90.1 135.1

131 108.0 84.8 127.2



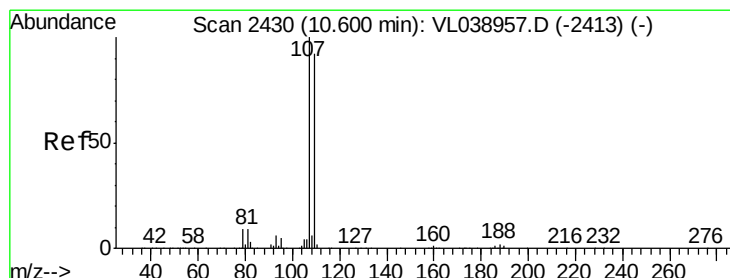
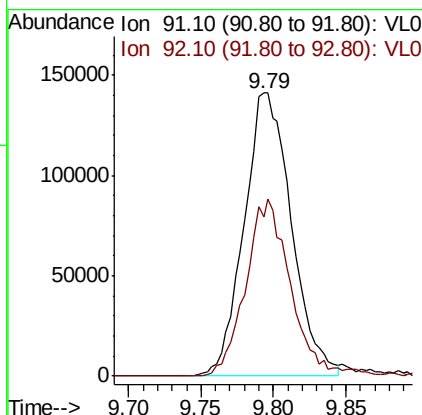
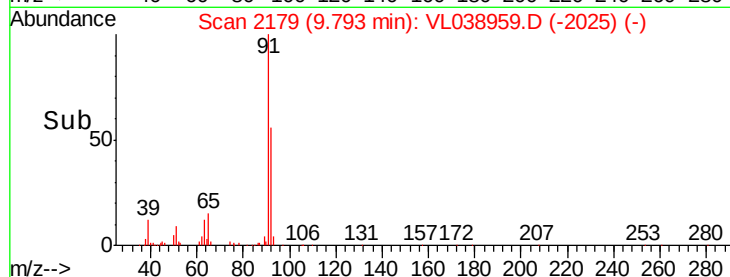
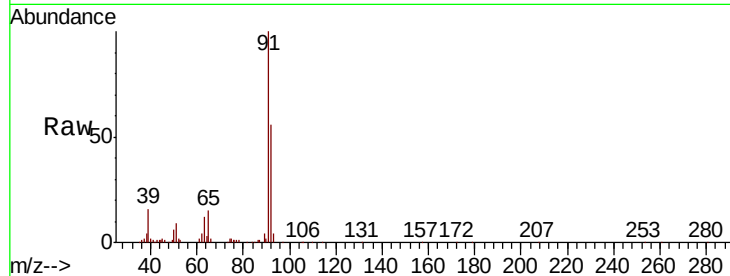


#53
Toluene
Concen: 1.006 ppbv
RT: 9.79
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 4:01

Tot Ion:
Ion Ratio
91 100
92 59.

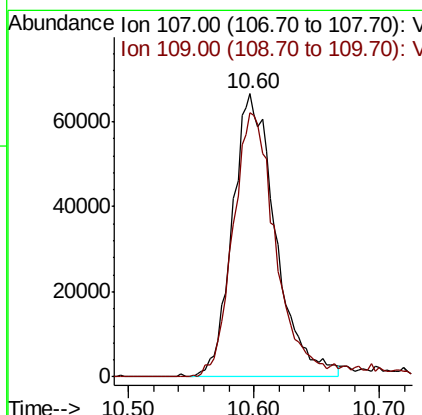
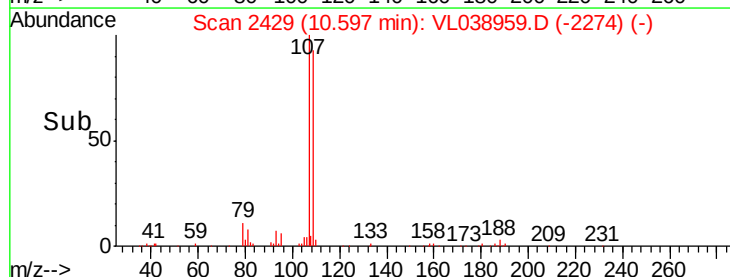
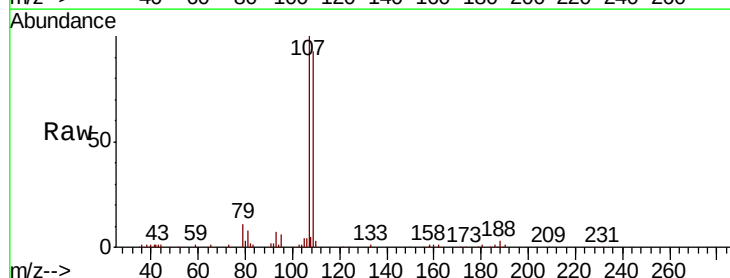
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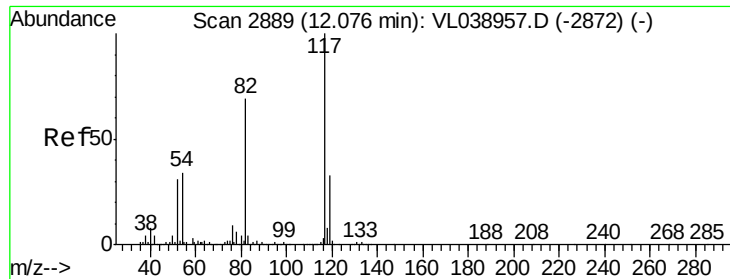
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#54
1,2-Dibromoethane
Concen: 0.914 ppbv m
RT: 10.60 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:107 Resp: 158699
Ion Ratio Lower Upper
107 100
109 93.3 73.8 110.8



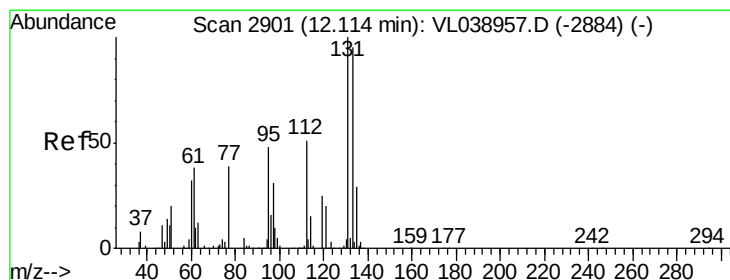
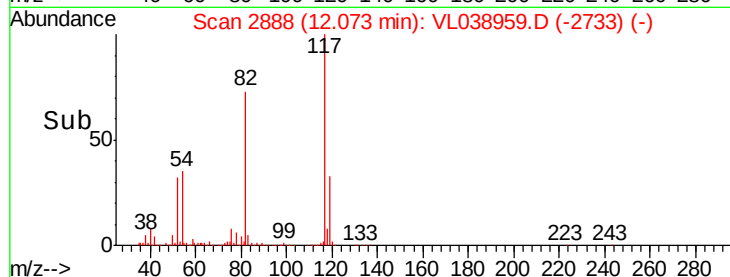
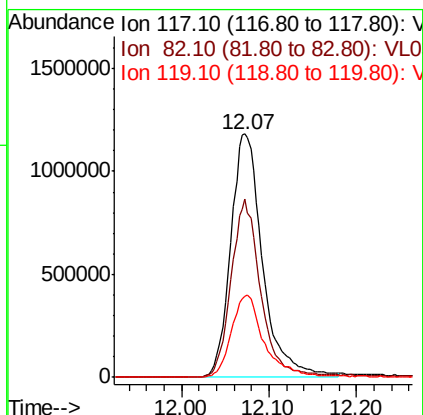
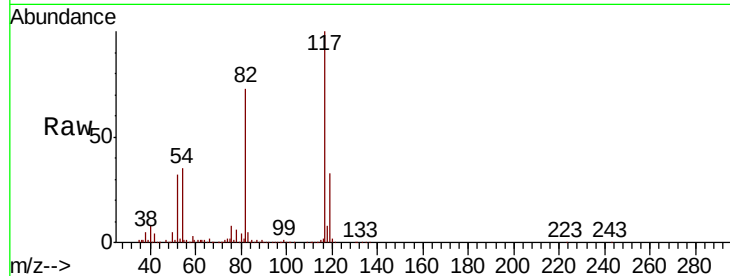


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 5 May 2022 4:01

Tot Ion: 1
Ion Ratio
117 100
82 69.
119 34.

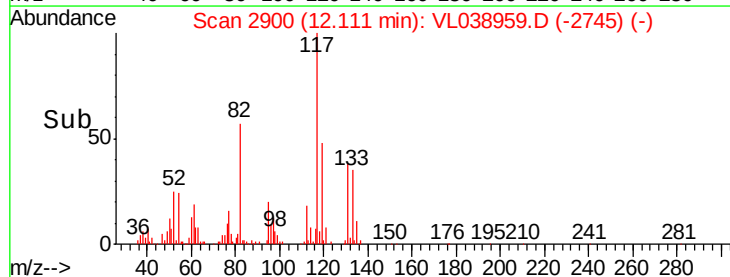
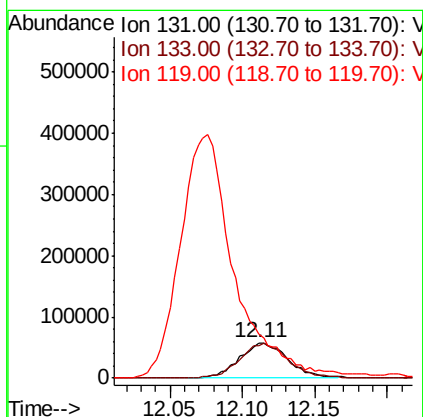
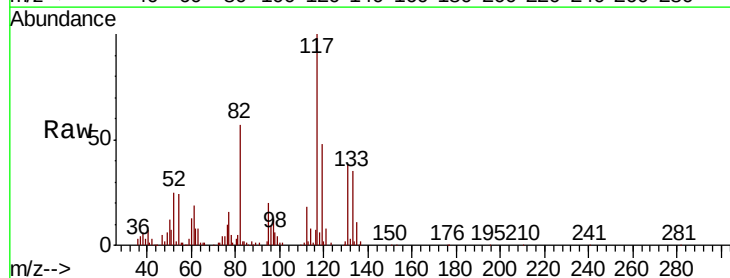
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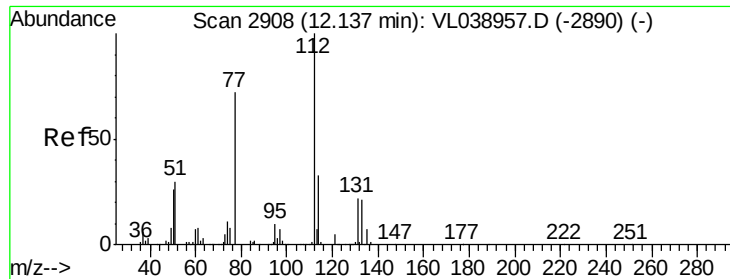
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.996 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 131 Resp: 134212
Ion Ratio Lower Upper
131 100
133 98.8 76.9 115.3
119 790.2 47.4 71.0#



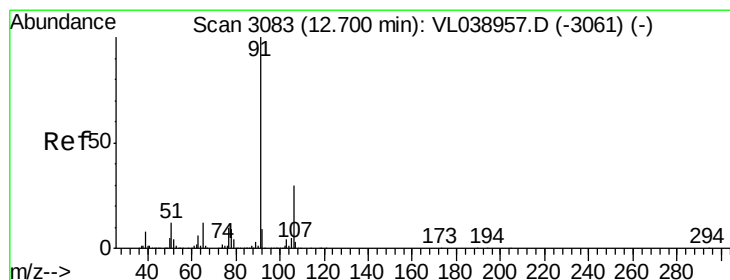
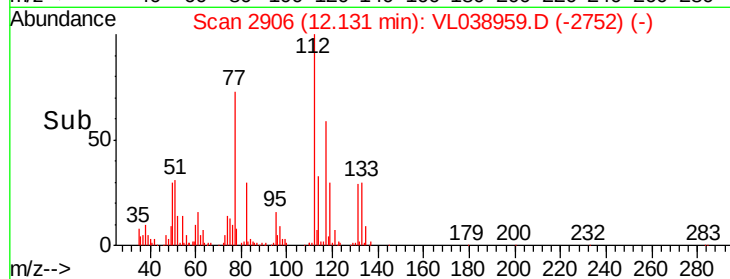
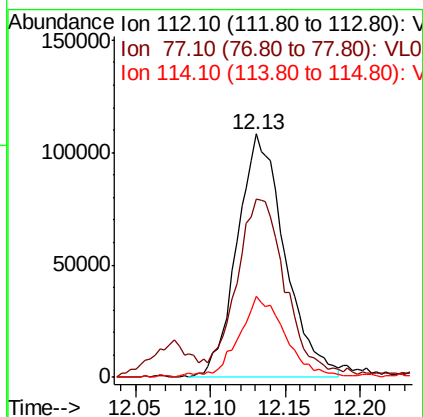
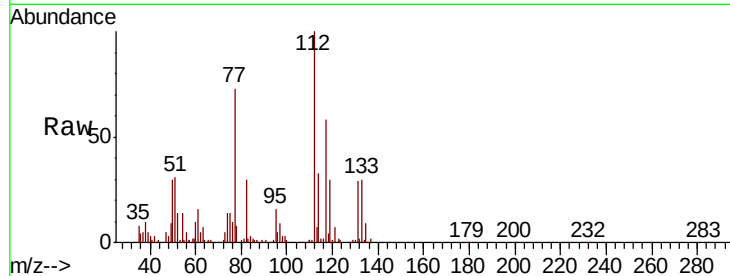


#57
Chlorobenzene
Concen: 0.948 ppbv
RT: 12.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampled :
VSTDIC001
Acq: 5 May 2022 4:01

Tot Ion: 1
Ion Ratio
112 100
77 69.
114 31.

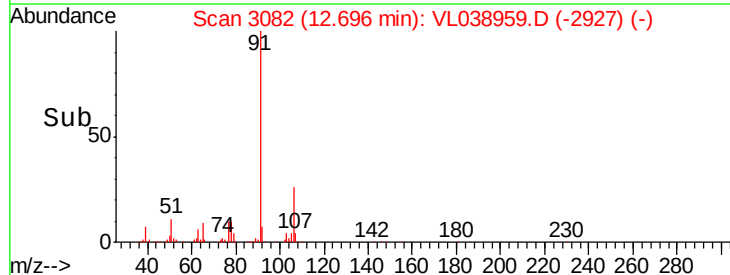
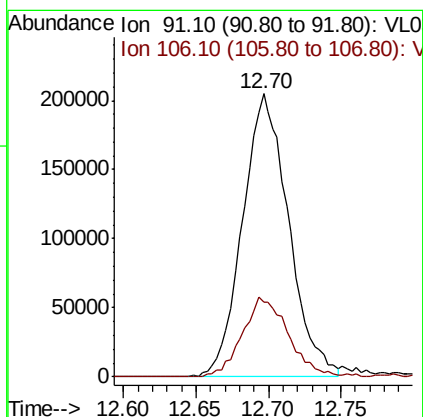
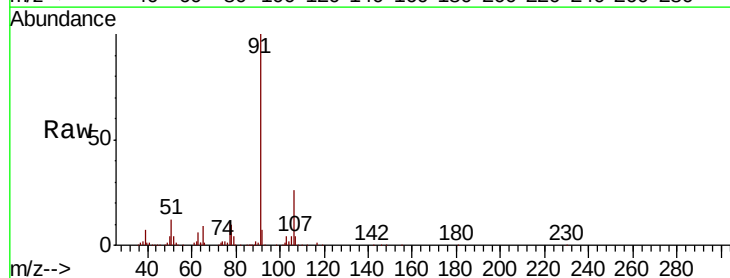
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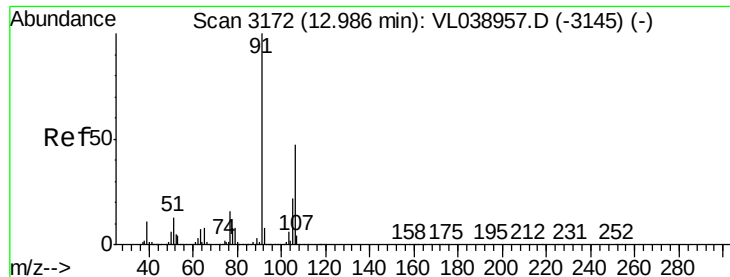
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#58
Ethyl Benzene
Concen: 1.054 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 91 Resp: 453605
Ion Ratio Lower Upper
91 100
106 26.2 24.2 36.4





#59

m/p-Xylene

Concen: 2.060 ppbv m

RT: 12.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 4:01

Tot Ion:

Ion Ratio

91 100

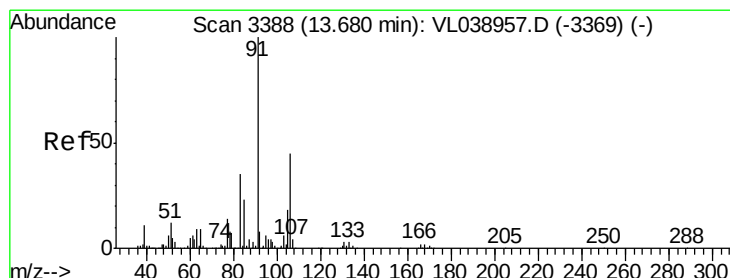
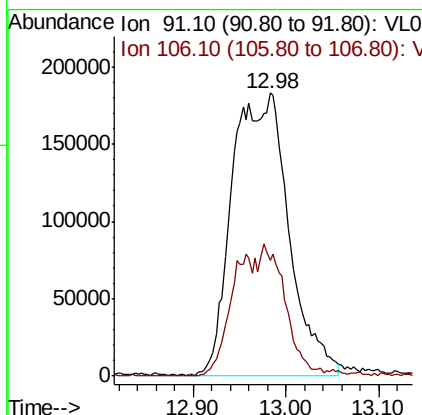
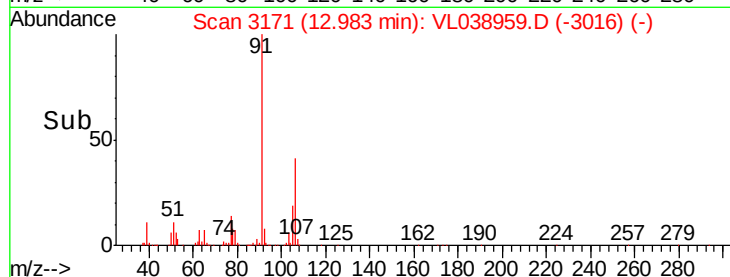
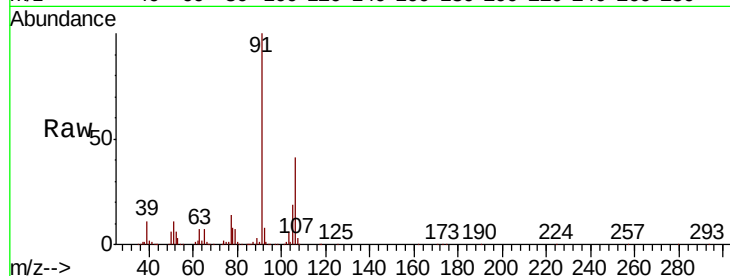
106 41.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#60

o-Xylene

Concen: 1.034 ppbv

RT: 13.67 min Scan# 3386

Delta R.T. -0.01 min

Lab File: VL038959.D

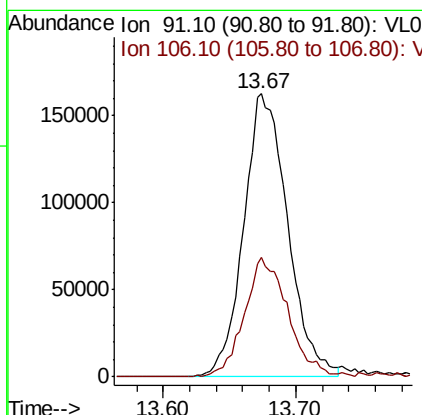
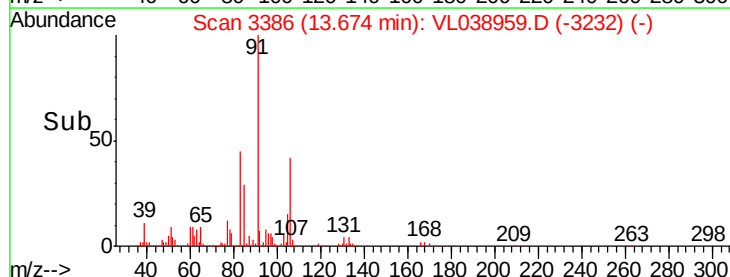
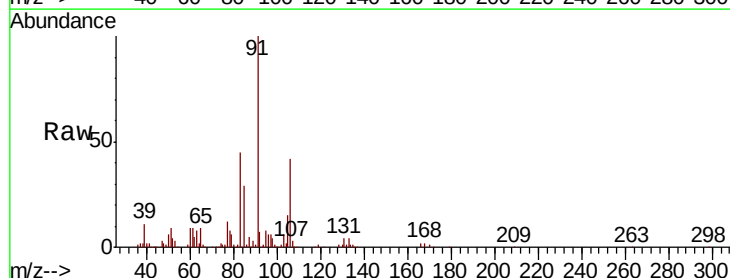
Acq: 5 May 2022 4:01

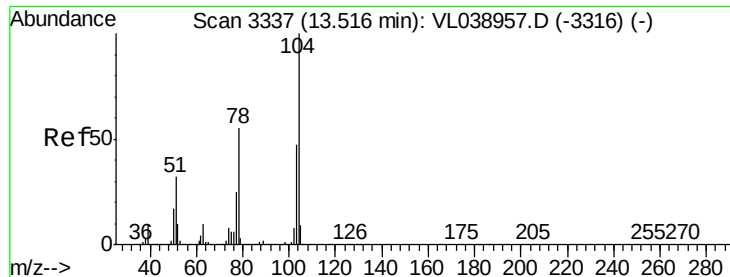
Tgt Ion: 91 Resp: 375963

Ion Ratio Lower Upper

91 100

106 42.1 22.2 66.6





#61

Stvrene

Concen: 1.000 ppbv

RT: 13.51

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 4:01

Tot Ion:1

Ion Rati

104 100

78 59.

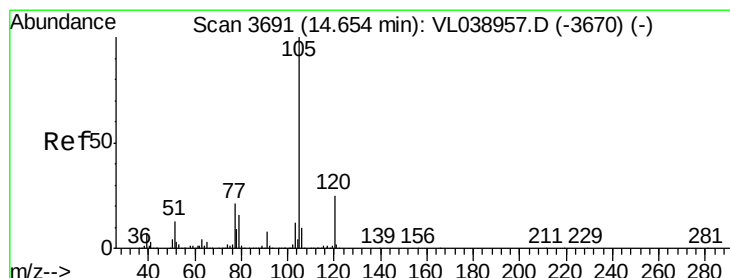
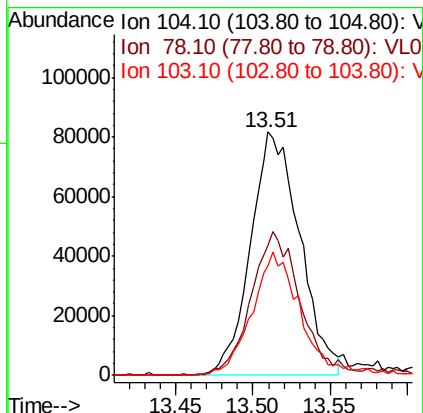
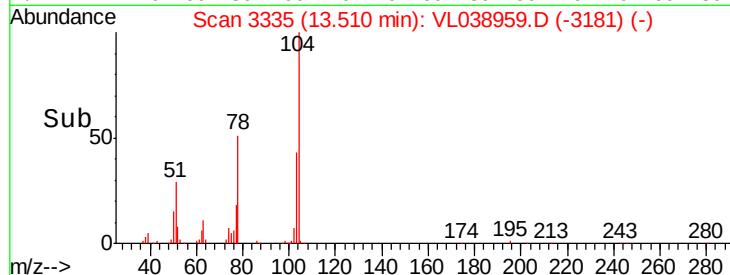
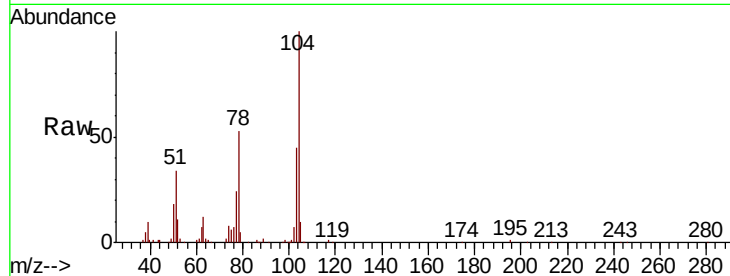
103 50.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#62

Isopropylbenzene

Concen: 1.079 ppbv

RT: 14.65 min Scan# 3690

Delta R.T. -0.00 min

Lab File: VL038959.D

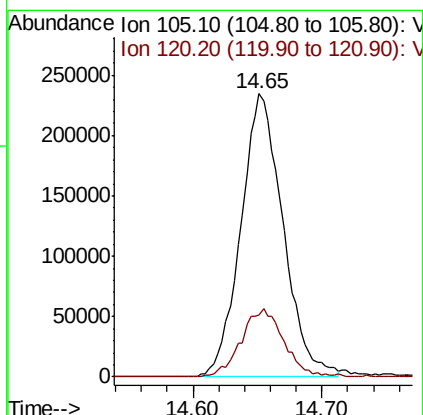
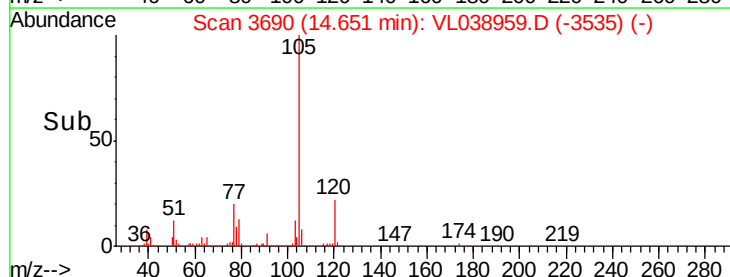
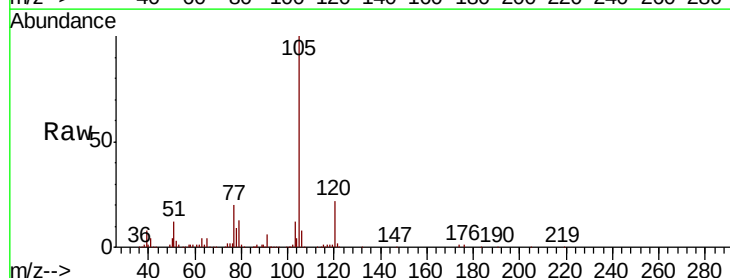
Acq: 5 May 2022 4:01

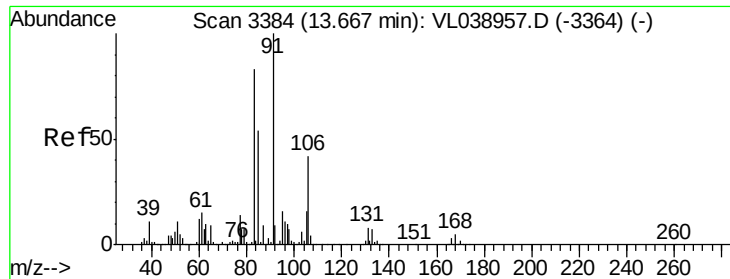
Tgt Ion:105 Resp: 534078

Ion Ratio Lower Upper

105 100

120 24.6 20.5 30.7



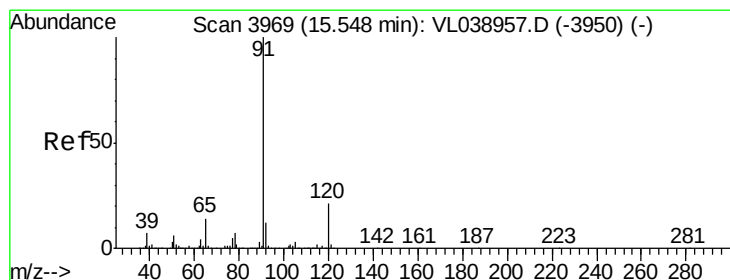
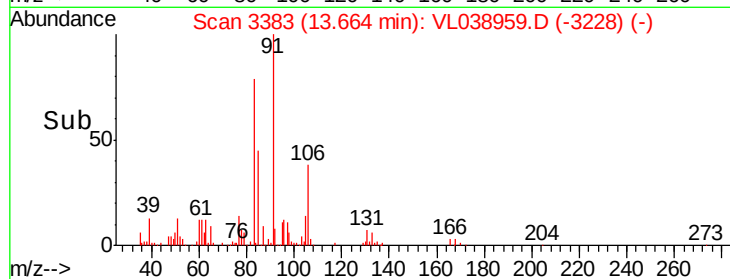
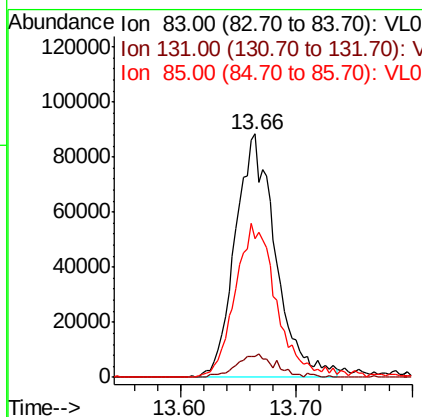
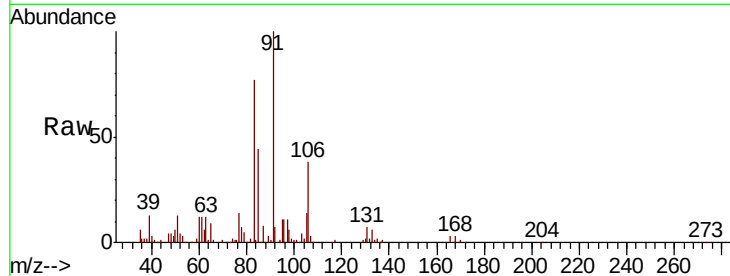


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.785 ppbv m
 RT: 13.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion:
 Ion Ratio
 83 100
 131 0.
 85 65.

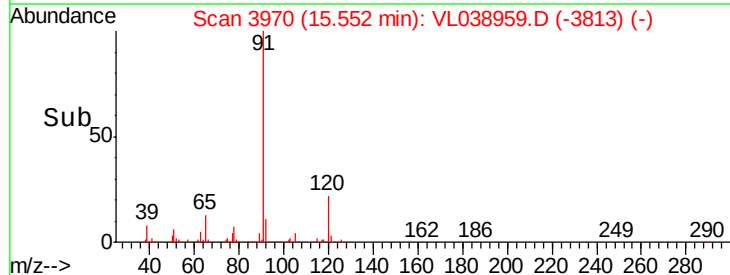
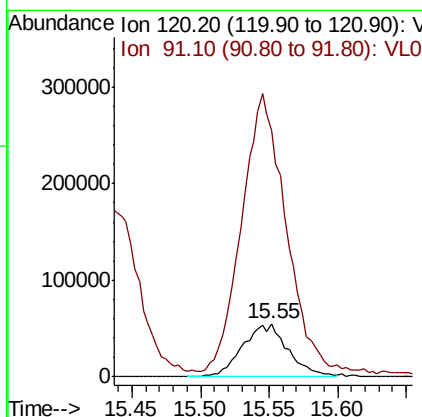
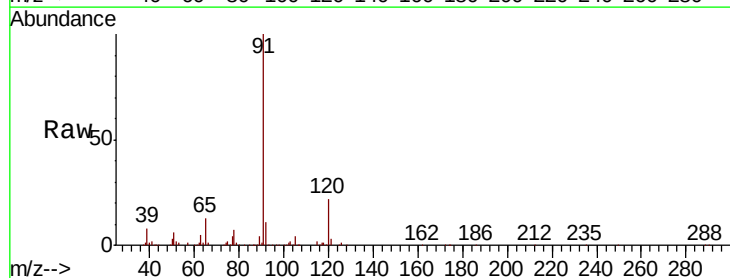
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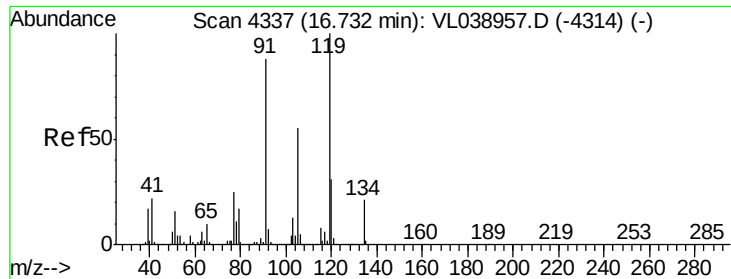
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#64
 n-propylbenzene
 Concen: 1.047 ppbv m
 RT: 15.55 min Scan# 3970
 Delta R.T. 0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion:120 Resp: 126382
 Ion Ratio Lower Upper
 120 100
 91 550.8 400.6 601.0





#65

tert-Butylbenzene

Concen: 1.103 ppbv

RT: 16.73

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01

Tot Ion:1

Ion Rati

119 100

91 90.

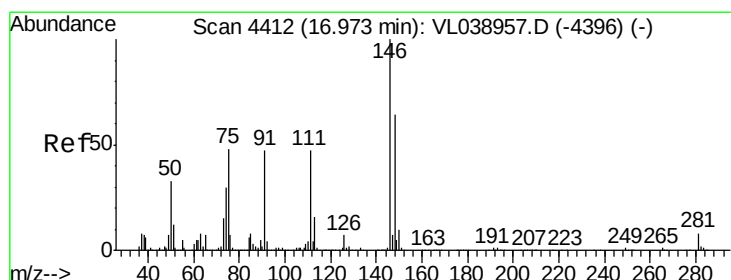
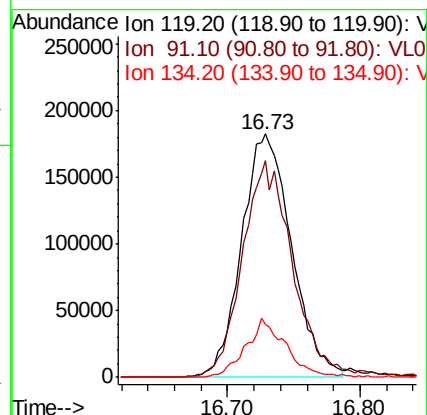
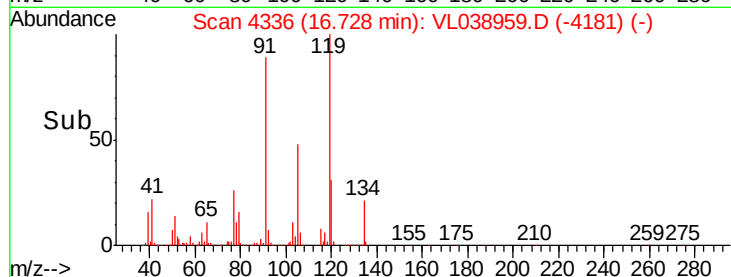
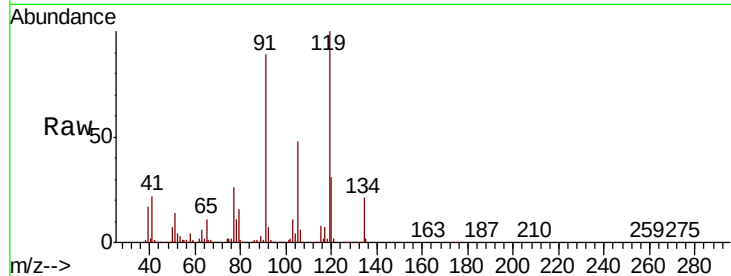
134 20.

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#66

Benzyl Chloride

Concen: 0.788 ppbv m

RT: 16.98 min Scan# 4415

Delta R.T. 0.01 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

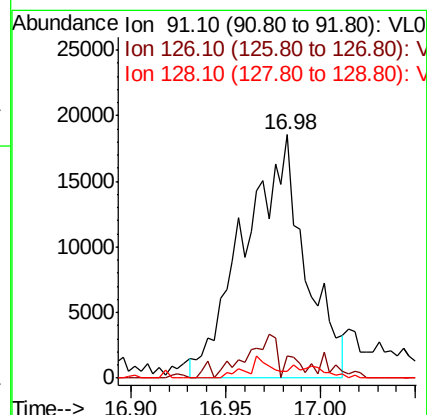
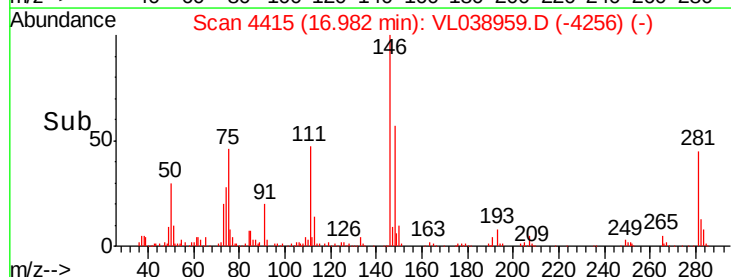
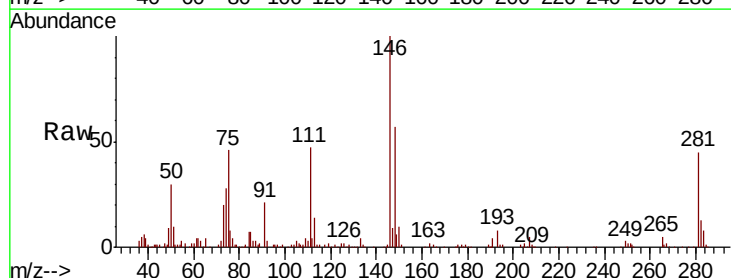
Tgt Ion: 91 Resp: 41413

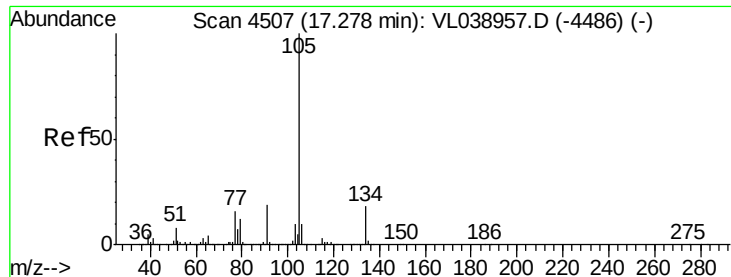
Ion Ratio Lower Upper

91 100

126 12.7 11.8 17.6

128 6.3 4.2 6.2#





#67

sec-Butylbenzene

Concen: 1.124 ppbv m

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 4:01 VSTDIC001

Tot Ion:1

Ion Rati

105 100

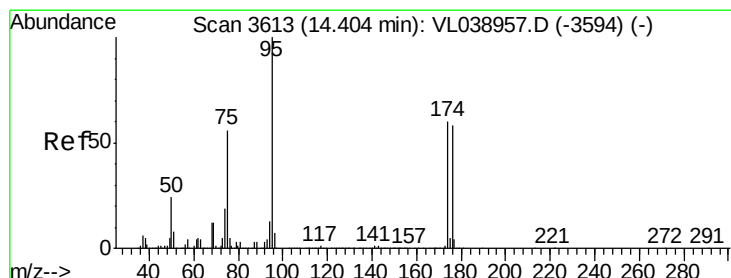
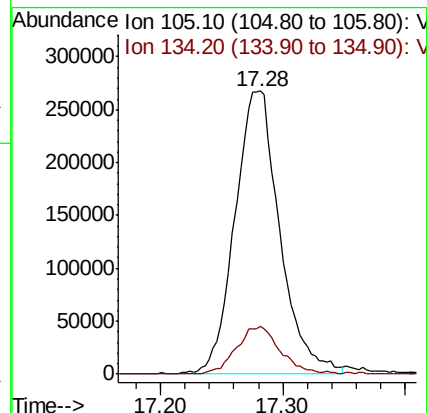
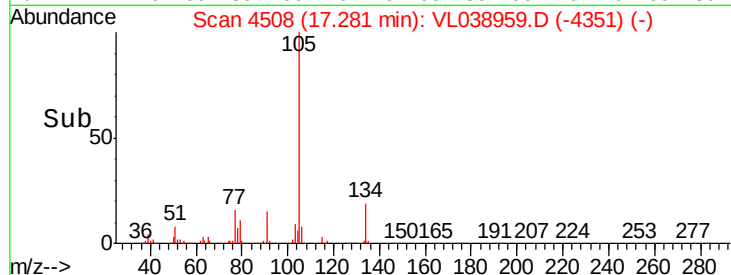
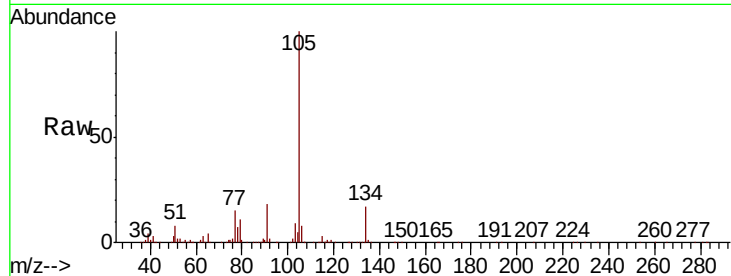
134 16.

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.854 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

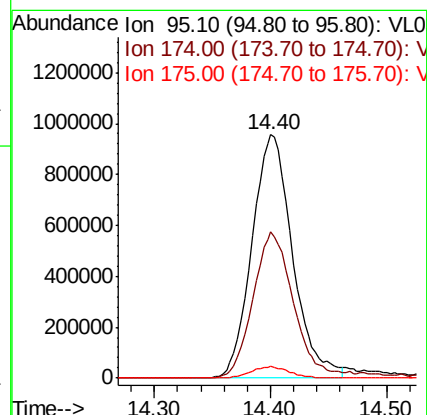
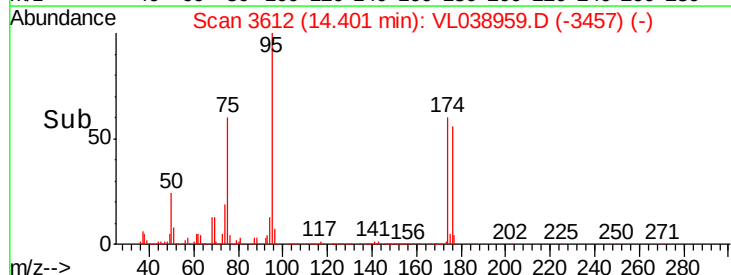
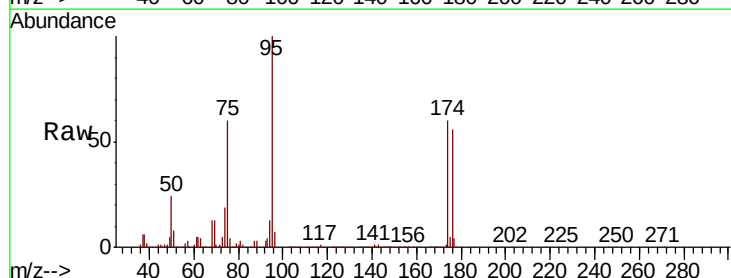
Tgt Ion: 95 Resp: 2332483

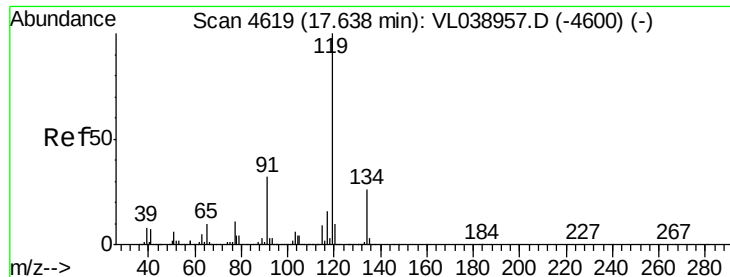
Ion Ratio Lower Upper

95 100

174 63.5 50.8 76.2

175 4.8 3.8 5.6



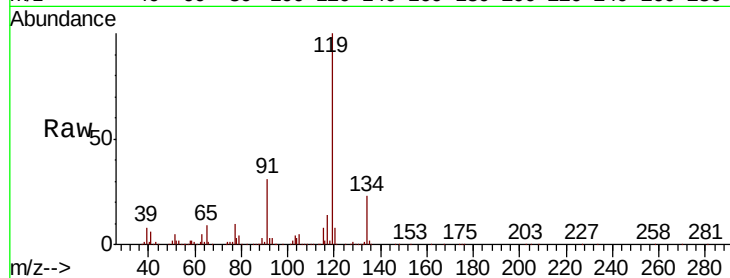


#69
 p-Isopropyltoluene
 Concen: 1.160 ppbv
 RT: 17.64
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 5 May 2022 4:01

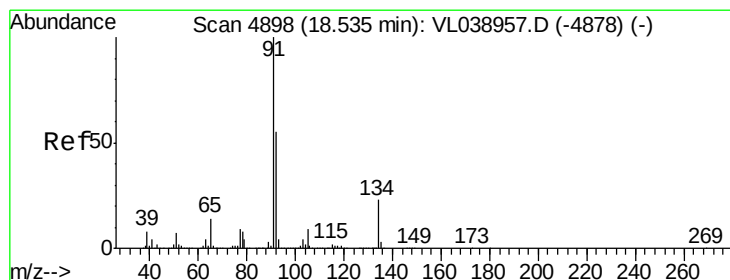
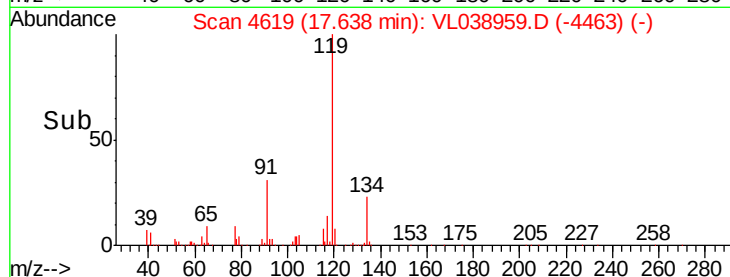
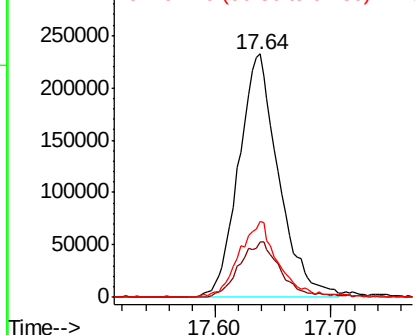
Tot Ion:1
 Ion Rati
 119 100
 134 24.
 91 31.

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 Supervised By :Mahesh Dadoda 05/09/2022

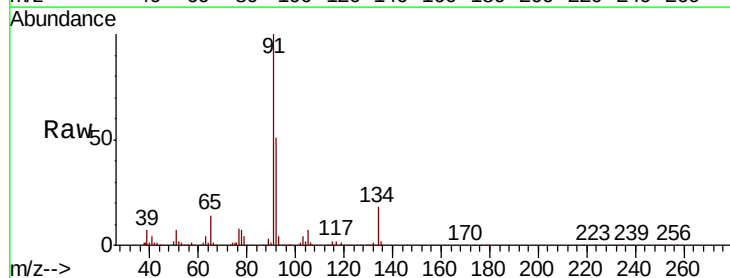


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

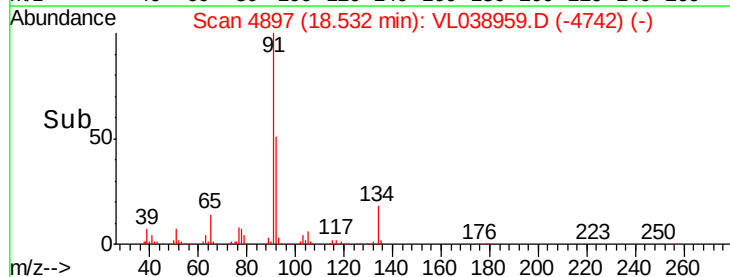
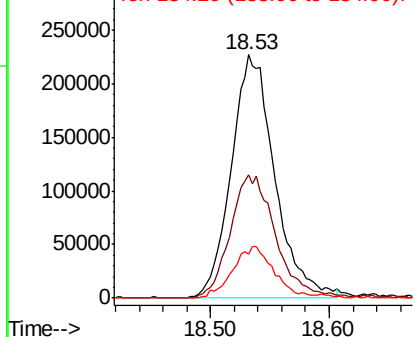


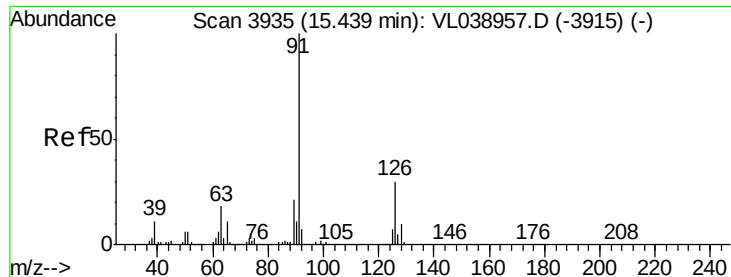
#70
 n-Butylbenzene
 Concen: 1.150 ppbv m
 RT: 18.53 min Scan# 4897
 Delta R.T. -0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion: 91 Resp: 575029
 Ion Ratio Lower Upper
 91 100
 92 53.2 43.1 64.7
 134 0.0 17.0 25.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V



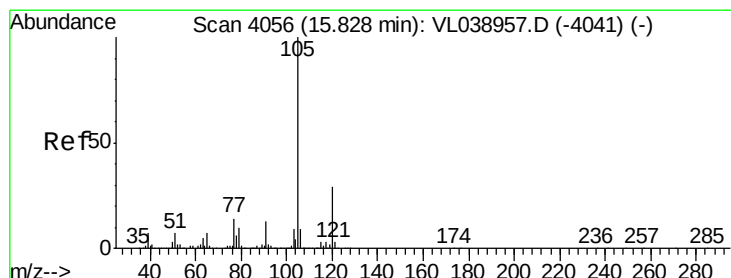
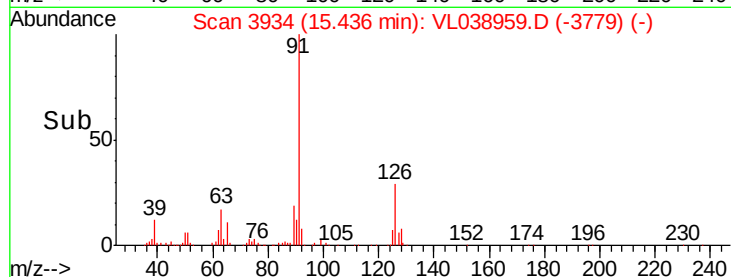
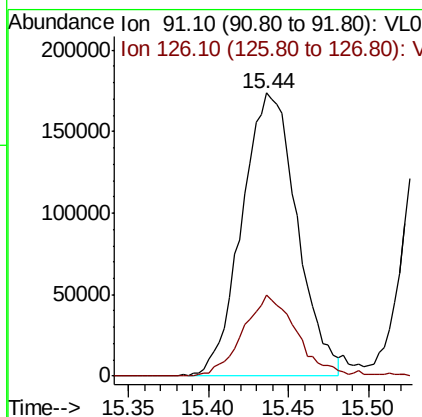
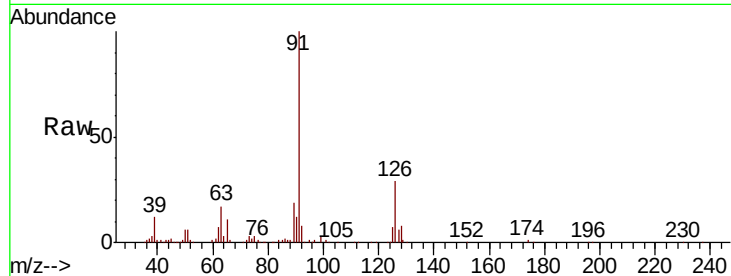


#71
 2-Chlorotoluene
 Concen: 1.105 ppbv
 RT: 15.44
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion:
 Ion Ratio
 91 100
 126 28.

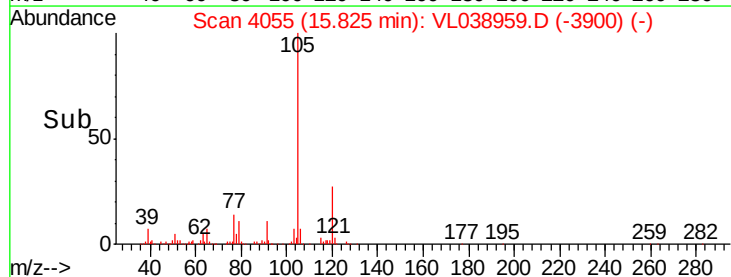
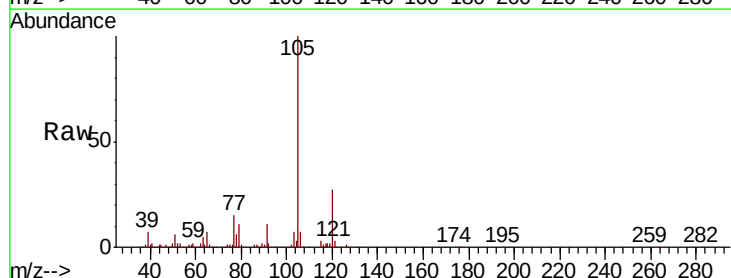
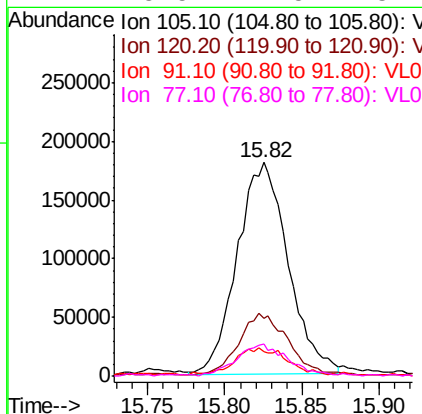
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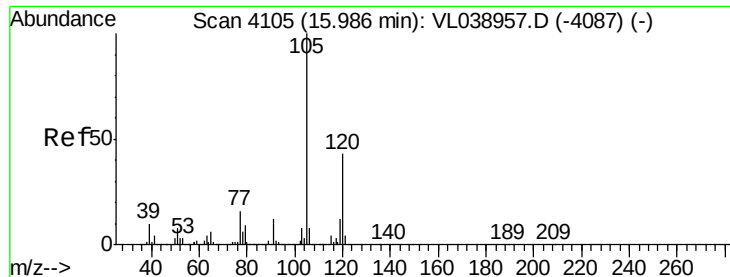
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#72
 4-Ethyltoluene
 Concen: 1.033 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion:105 Resp: 412100
 Ion Ratio Lower Upper
 105 100
 120 29.3 23.4 35.0
 91 15.1 10.6 16.0
 77 15.5 12.5 18.7





#73

1,3,5-Trimethylbenzene

Concen: 1.015 ppbv

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 4:01

Tot Ion:1

Ion Rati

105 100

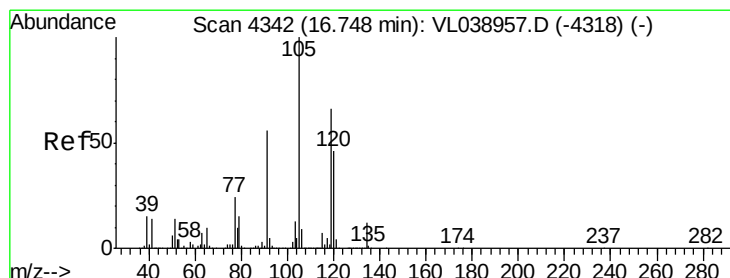
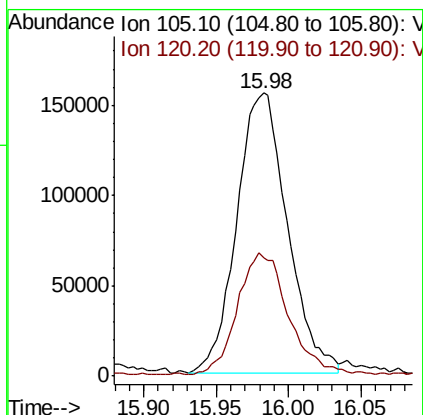
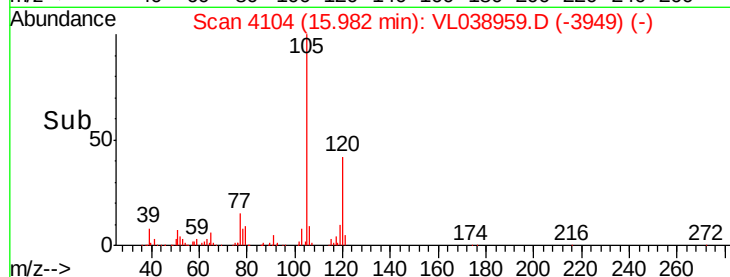
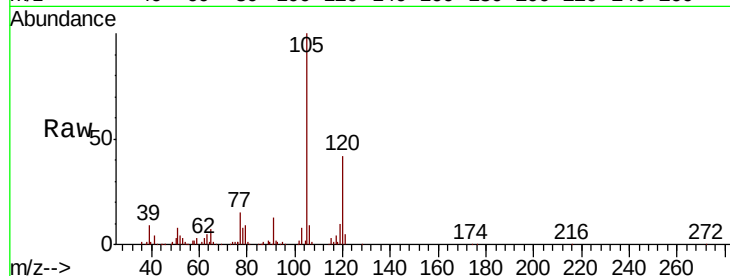
120 41.

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#74

1,2,4-Trimethylbenzene

Concen: 1.027 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.00 min

Lab File: VL038959.D

Acq: 5 May 2022 4:01

Tgt Ion:105 Resp: 412323

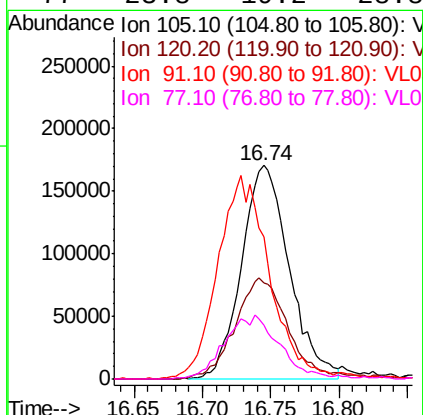
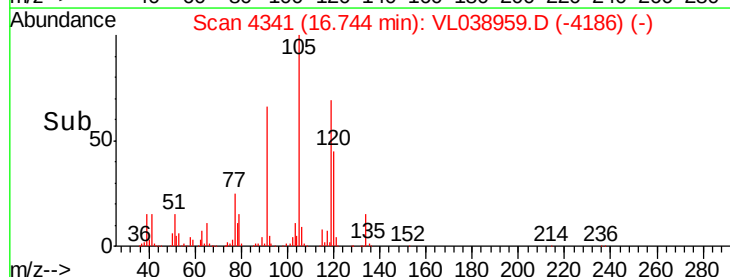
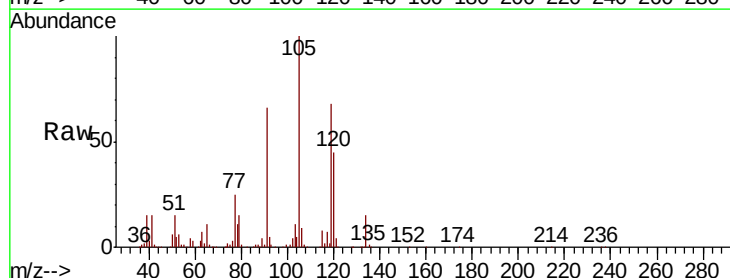
Ion Ratio Lower Upper

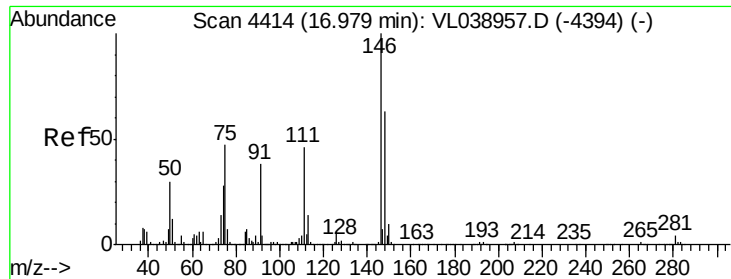
105 100

120 44.3 36.9 55.3

91 63.7 45.0 67.4

77 23.8 19.2 28.8



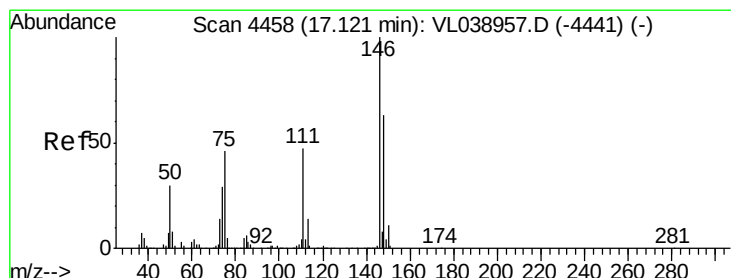
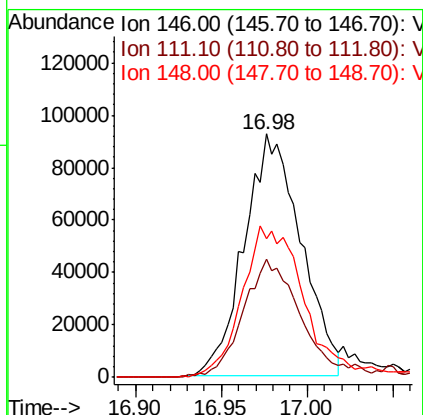
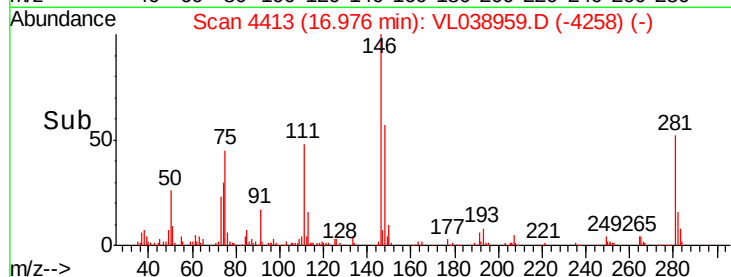
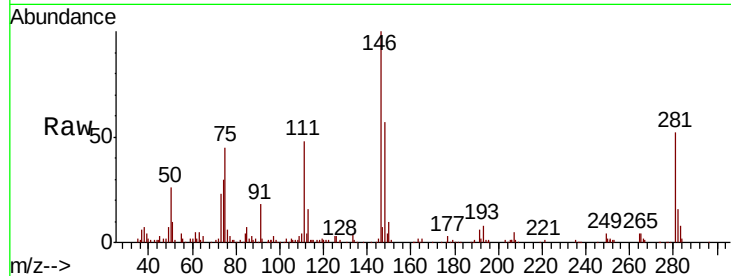


#75
 1,3-Dichlorobenzene
 Concen: 0.937 ppbv
 RT: 16.98
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 5 May 2022 4:01

Tot Ion:1
 Ion Rati
 146 100
 111 51.
 148 69.

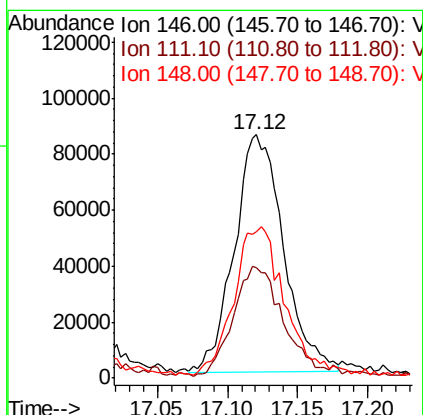
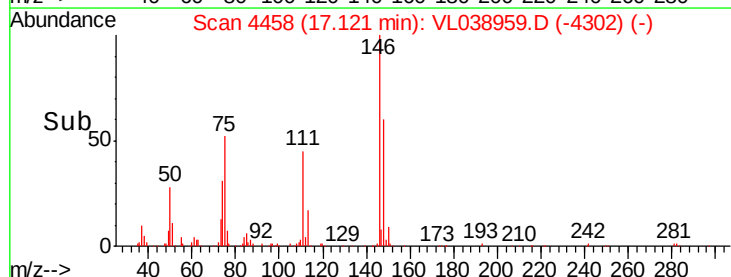
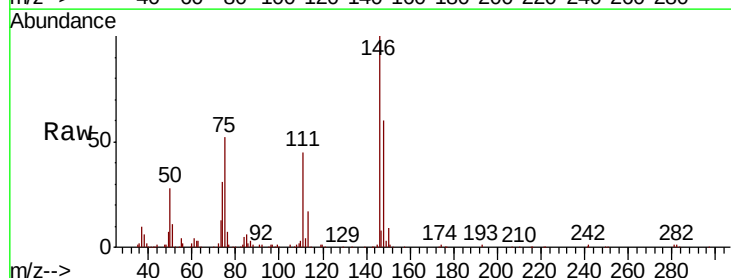
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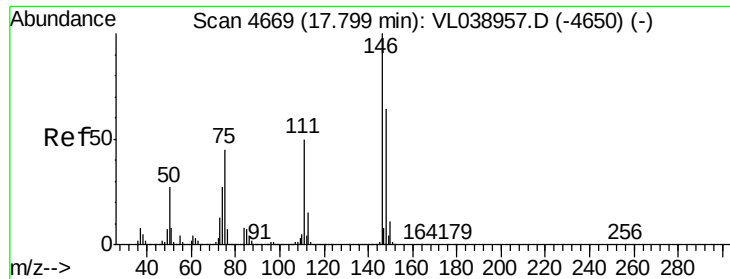
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#76
 1,4-Dichlorobenzene
 Concen: 0.924 ppbv
 RT: 17.12 min Scan# 4458
 Delta R.T. 0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion:146 Resp: 207052
 Ion Ratio Lower Upper
 146 100
 111 50.5 23.6 71.0
 148 68.5 32.2 96.6



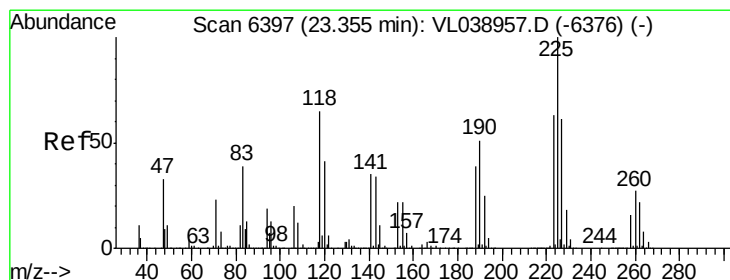
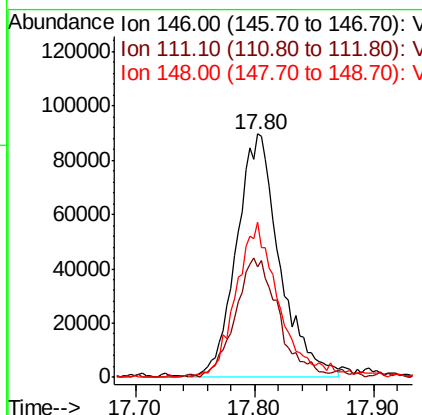
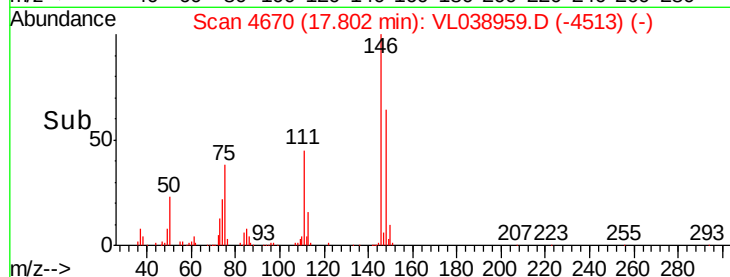
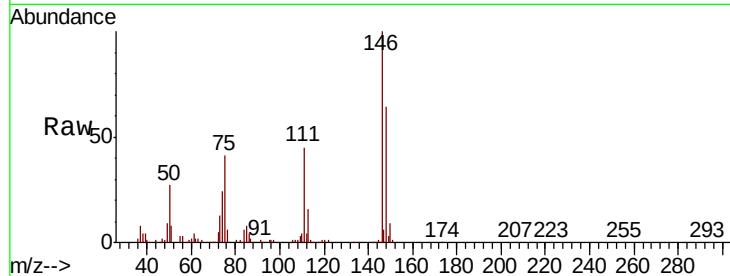


#77
 1,2-Dichlorobenzene
 Concen: 1.058 ppbv
 RT: 17.80 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 5 May 2022 4:01

Tot Ion:1
 Ion Rati
 146 100
 111 50.
 148 62.

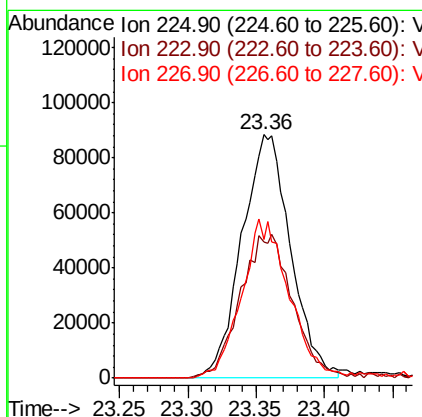
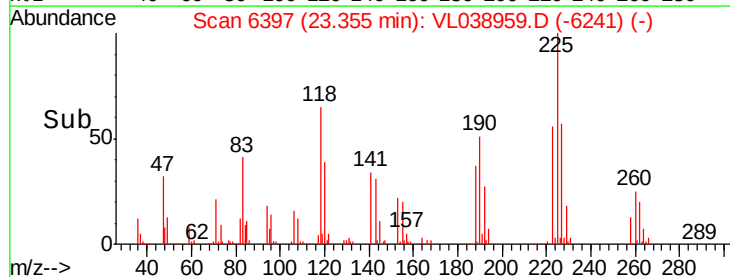
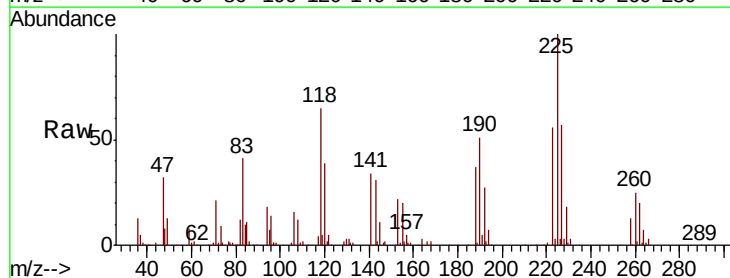
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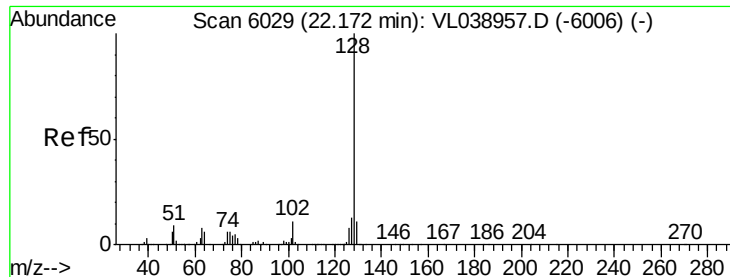
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 1.147 ppbv
 RT: 23.36 min Scan# 6397
 Delta R.T. 0.00 min
 Lab File: VL038959.D
 Acq: 5 May 2022 4:01

Tgt Ion:225 Resp: 219908
 Ion Ratio Lower Upper
 225 100
 223 63.5 51.4 77.0
 227 64.5 51.4 77.0



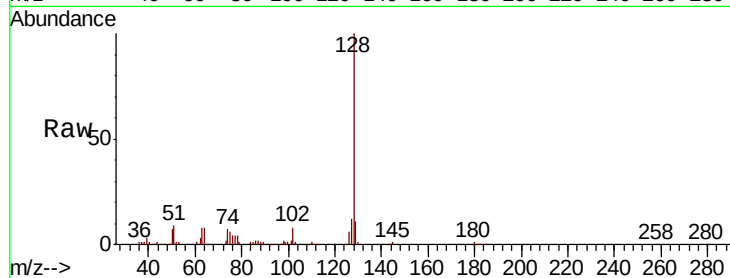


#79
Naphthalene
Concen: 1.314 ppbv m
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDIC001
Acq: 5 May 2022 4:01

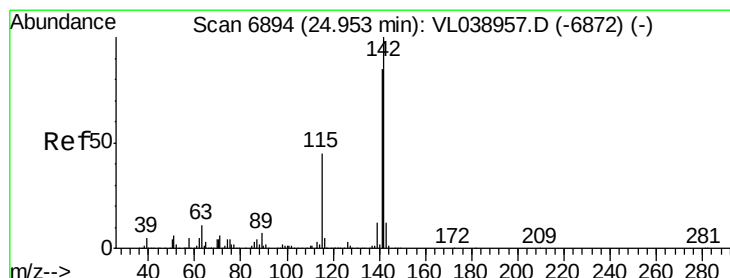
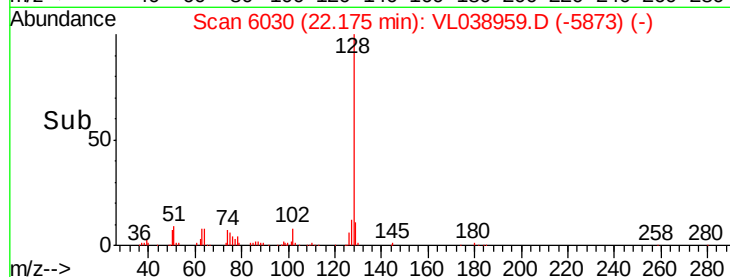
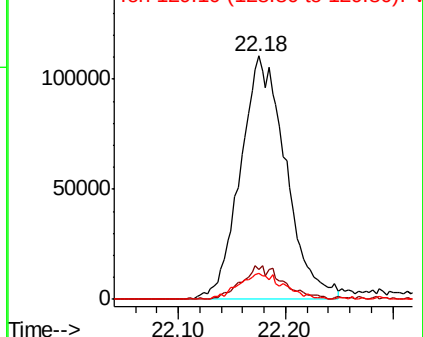
Tot Ion:1
Ion Rati
128 100
127 12.
129 10.

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

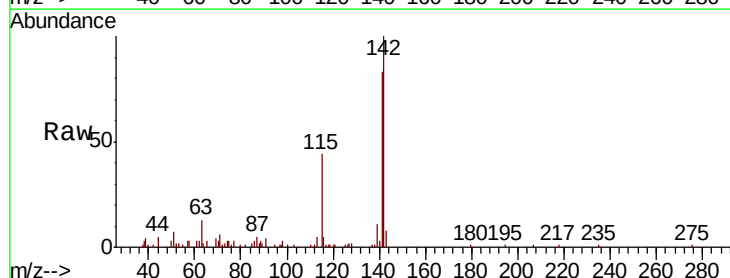


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

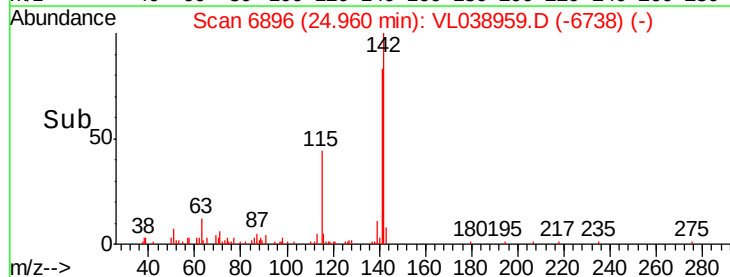
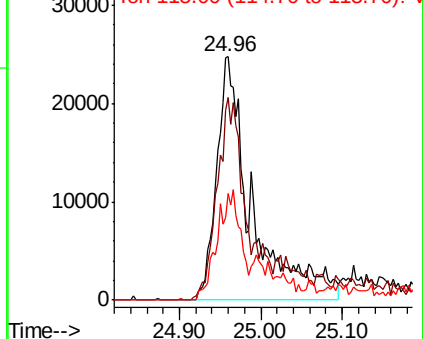


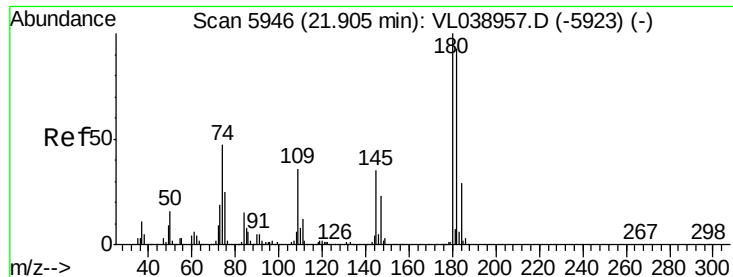
#80
Naphthalene, 2-methyl-
Concen: 1.385 ppbv
RT: 24.96 min Scan# 6896
Delta R.T.: 0.01 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:142 Resp: 74841
Ion Ratio Lower Upper
142 100
141 86.6 70.8 106.2
115 46.2 35.1 52.7



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 1.254 ppbv m

RT: 21.91

Delta R.T MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 4.01

Tot Ion:1

Ion Rati

180 100

182 94.

184 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022

