

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038551.D
 Acq On : 5 Mar 2022 1:45
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: Mar 05 06:33:05 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222A

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

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	961150	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	2232651	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.04	117	2099202m	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1799958	10.36	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.03	85	2024361	13.297	ppbv	98
3) Chlorodifluoromethane	2.97	51	1678475	9.890	ppbv	99
4) Chloromethane	3.12	50	580472	9.843	ppbv	96
5) Vinyl Chloride	3.24	62	597361	9.690	ppbv	99
6) Bromomethane	3.46	94	309903	9.530	ppbv	96
7) Chloroethane	3.54	64	215710	10.894	ppbv	99
8) Dichlorotetrafluoroethane	3.17	85	1451849	10.253	ppbv	98
9) Propene	2.99	41	538949	9.618	ppbv	100
10) Heptane	8.09	43	1436428	10.530	ppbv	99
11) Trichlorofluoromethane	3.93	101	1510865	10.366	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1123300	10.512	ppbv	100
13) Ethanol	3.59	45	52182	9.331	ppbv	91
14) Bromoethene	3.72	108	446289	10.484	ppbv	98
15) Acetone	3.83	43	740891	9.064	ppbv	100
16) 1,3-Butadiene	3.31	39	560115	10.259	ppbv	95
17) tert-Butyl alcohol	4.26	59	774398	9.496	ppbv	99
18) 1,1-Dichloroethene	4.27	96	483605	10.308	ppbv	99
19) Isopropyl Alcohol	3.94	45	413324	8.733	ppbv #	96
20) Methylene Chloride	4.32	84	393688	9.721	ppbv	95
21) Allyl Chloride	4.39	41	709301	10.274	ppbv	99
22) trans-1,2-Dichloroethene	4.86	96	522463	11.038	ppbv	99
23) Vinyl Acetate	5.04	43	1155624	10.669	ppbv	99
24) 1,1-Dichloroethane	4.98	63	1024333	10.519	ppbv	99
25) Ethyl Acetate	5.65	43	2233133	10.169	ppbv	99
26) Hexane	5.65	57	1018984	10.247	ppbv	98
27) Carbon Disulfide	4.52	76	1245398	11.259	ppbv	98
28) Methyl tert-Butyl Ether	5.01	73	1034143	10.210	ppbv	99
29) Chloroform	5.72	83	1683802	10.374	ppbv	98
30) Cyclohexane	7.10	84	834979	10.266	ppbv	100
31) cis-1,2-Dichloroethene	5.52	61	1021614	10.604	ppbv	98
32) 1,1,1-Trichloroethane	6.47	97	1660088	10.171	ppbv	100
34) 2-Butanone	5.21	43	795541	11.329	ppbv	99
35) Carbon Tetrachloride	6.98	117	1758778	11.203	ppbv	99
36) Benzene	6.85	78	2080204	10.584	ppbv	97
37) 1,2-Dichloroethane	6.27	62	1279565	11.266	ppbv	99
38) Trichloroethene	7.80	130	746826	10.432	ppbv	97
39) 1,2-Dichloropropane	7.58	63	834749	10.663	ppbv	95
40) 1,4-Dioxane	7.80	88	182884	9.849	ppbv	80
41) Tetrahydrofuran	6.01	42	489916	10.326	ppbv	98
42) Bromodichloromethane	7.75	83	1858460	11.331	ppbv	98
43) Methyl Methacrylate	7.98	69	786015	11.504	ppbv	99

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Instrument :
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 ClientSampleId :
 VSTDCCC010EC

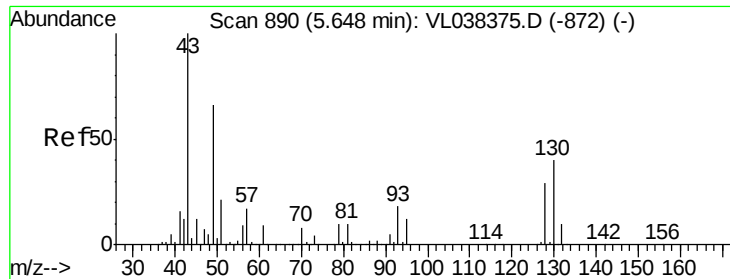
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 05 06:33:05 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.83	57	3631180	10.749	ppbv	99
45) t-1,3-Dichloropropene	9.24	75	600449	10.996	ppbv	98
46) cis-1,3-Dichloropropene	8.66	75	752507	10.514	ppbv	97
47) 1,1,2-Trichloroethane	9.43	97	844565	10.843	ppbv	98
48) Dibromochloromethane	10.26	129	1475190	11.583	ppbv	100
49) Bromoform	13.00	173	1176514	12.515	ppbv	98
50) 4-Methyl-2-Pentanone	8.70	43	1469750	11.839	ppbv	99
51) 2-Hexanone	10.10	43	663263	11.933	ppbv #	98
52) Tetrachloroethene	11.18	164	660928	10.129	ppbv	97
53) Toluene	9.76	91	2372607	11.118	ppbv	100
54) 1,2-Dibromoethane	10.57	107	1252573	11.424	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.08	131	992071	11.338	ppbv	95
57) Chlorobenzene	12.10	112	1729913	10.681	ppbv #	92
58) Ethyl Benzene	12.67	91	3264527	11.372	ppbv	99
59) m/p-Xylene	12.95	91	5621090m	22.801	ppbv	
60) o-Xylene	13.65	91	2722695	11.683	ppbv	99
61) Styrene	13.48	104	1336087	12.430	ppbv	99
62) Isopropylbenzene	14.63	105	3556728	11.371	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.63	83	1996185	10.542	ppbv	100
64) n-propylbenzene	15.52	120	896468	11.576	ppbv	94
65) tert-Butylbenzene	16.70	119	3119616	11.515	ppbv	98
66) Benzyl Chloride	16.94	91	172432	11.779	ppbv	99
67) sec-Butylbenzene	17.25	105	4427342	11.534	ppbv	99
69) p-Isopropyltoluene	17.61	119	3596147	11.927	ppbv	99
70) n-Butylbenzene	18.51	91	3885809	12.454	ppbv	99
71) 2-Chlorotoluene	15.41	91	2796476	11.627	ppbv	98
72) 4-Ethyltoluene	15.80	105	3074624	11.974	ppbv	99
73) 1,3,5-Trimethylbenzene	15.95	105	2775529	11.903	ppbv	100
74) 1,2,4-Trimethylbenzene	16.72	105	2926563	11.887	ppbv	94
75) 1,3-Dichlorobenzene	16.95	146	1561669	11.326	ppbv	98
76) 1,4-Dichlorobenzene	17.09	146	1514721	11.140	ppbv	99
77) 1,2-Dichlorobenzene	17.77	146	1503309	11.326	ppbv	99
78) Hexachloro-1,3-Butadiene	23.33	225	1114233	11.007	ppbv	99
79) Naphthalene	22.14	128	1932946	14.491	ppbv	99
80) Naphthalene, 2-methyl-	24.94	142	251105	9.632	ppbv	97
81) 1,2,4-Trichlorobenzene	21.88	180	1065459	13.211	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 Mar 2022 1:45

Tot Ion:

Ion Ratio

49 100

128 46.

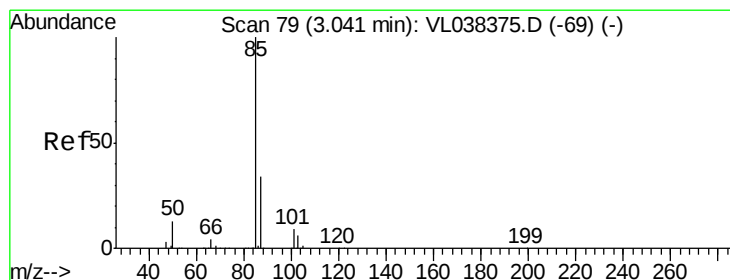
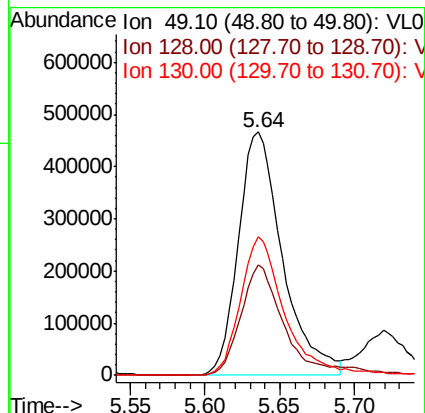
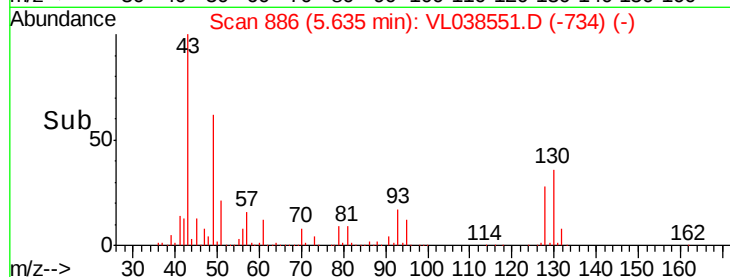
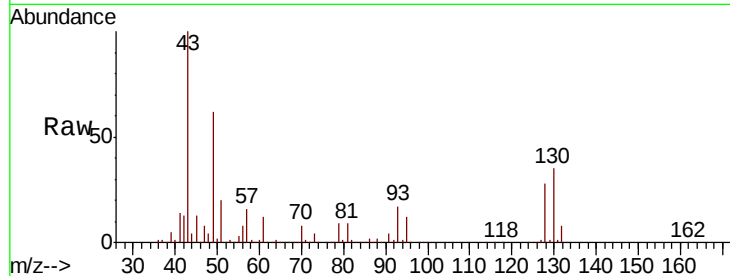
130 57.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#2

Dichlorodifluoromethane

Concen: 13.297 ppbv

RT: 3.03 min Scan# 76

Delta R.T. -0.01 min

Lab File: VL038551.D

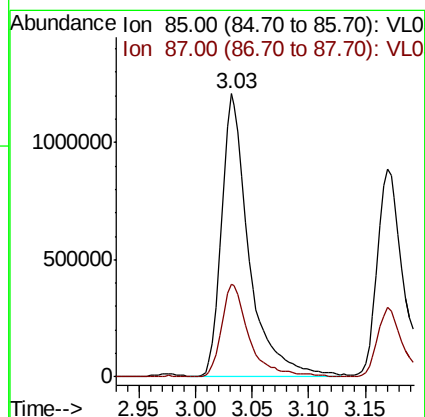
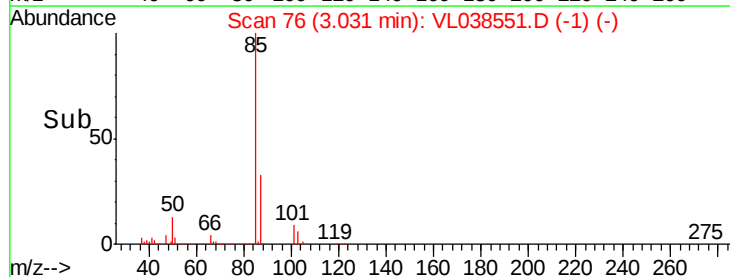
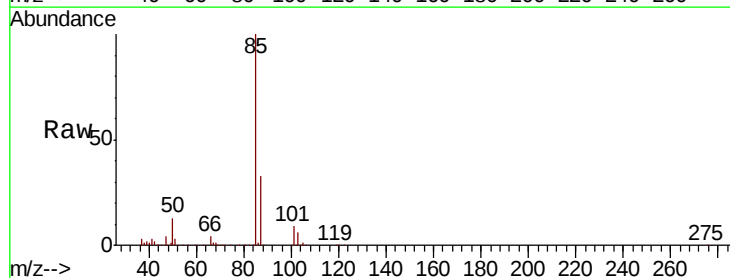
Acq: 5 Mar 2022 1:45

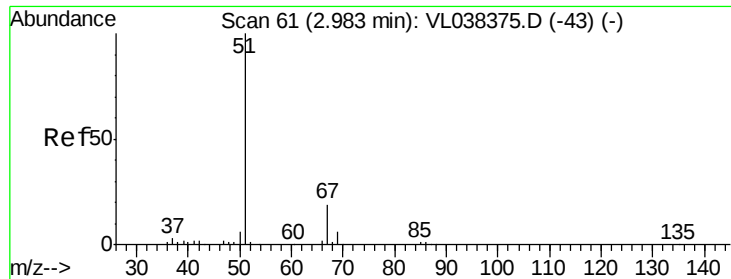
Tgt Ion: 85 Resp: 2024361

Ion Ratio Lower Upper

85 100

87 32.8 27.4 41.0





#3

Chlorodifluoromethane

Concen: 9.890 ppbv

RT: 2.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Mar 2022 1:45 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

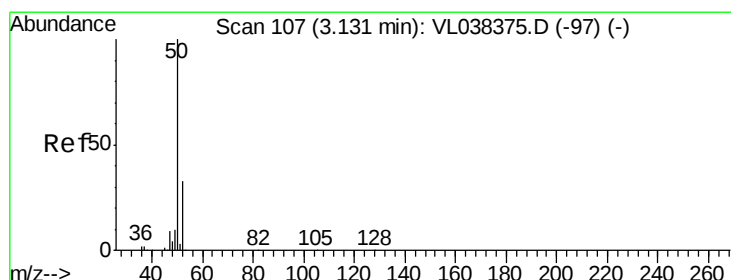
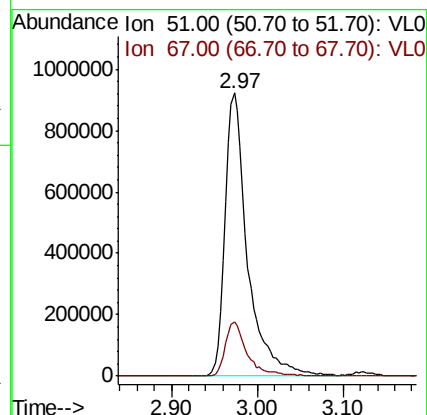
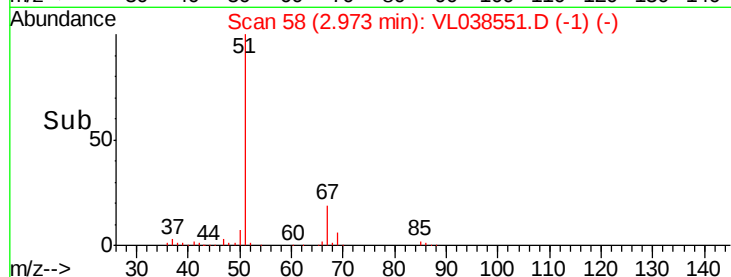
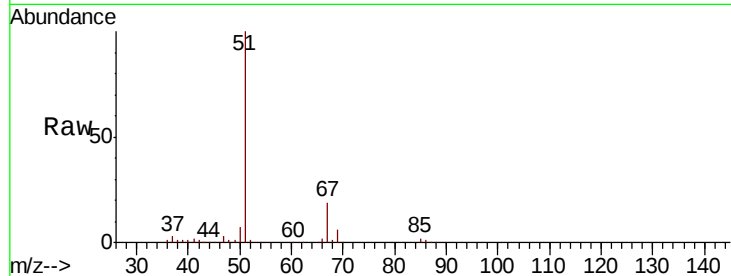
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#4

Chloromethane

Concen: 9.843 ppbv

RT: 3.12 min Scan# 104

Delta R.T. -0.01 min

Lab File: VL038551.D

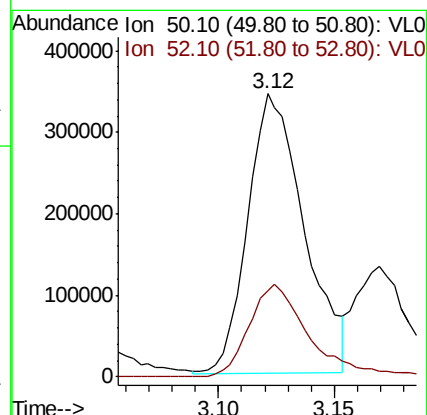
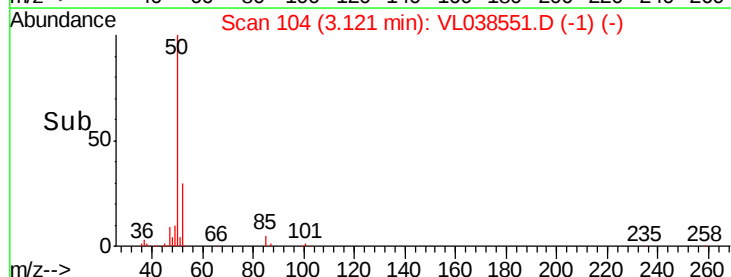
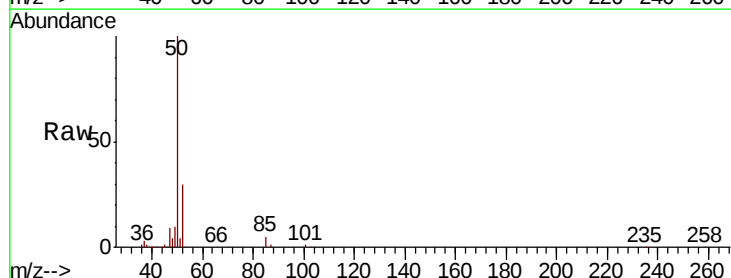
Acq: 5 Mar 2022 1:45

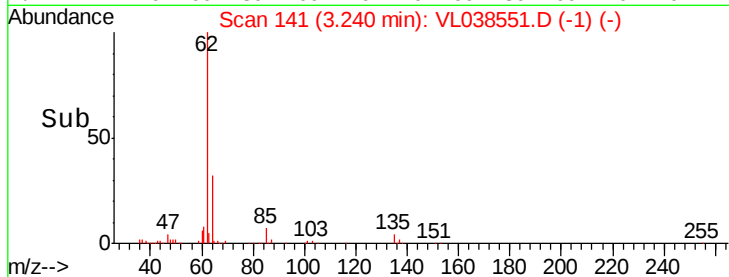
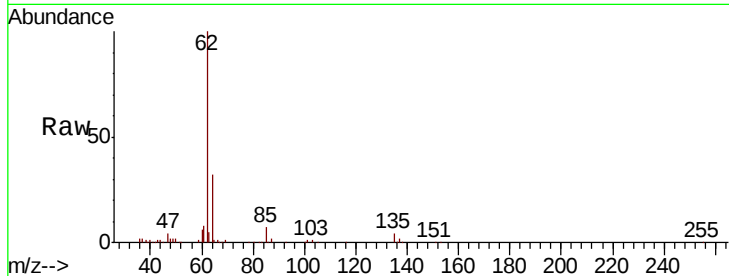
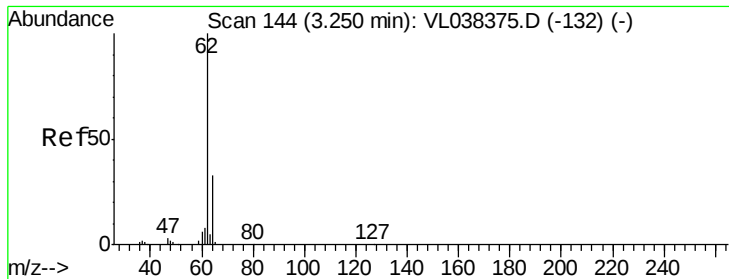
Tgt Ion: 50 Resp: 580472

Ion Ratio Lower Upper

50 100

52 30.7 26.5 39.7





#5

Vinyl Chloride

Concen: 9.690 ppbv

RT: 3.24

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Mar 2022 1:45

Tot Ion:

Ion Ratio

62 100

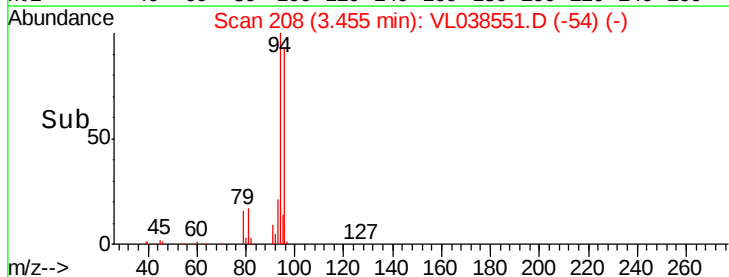
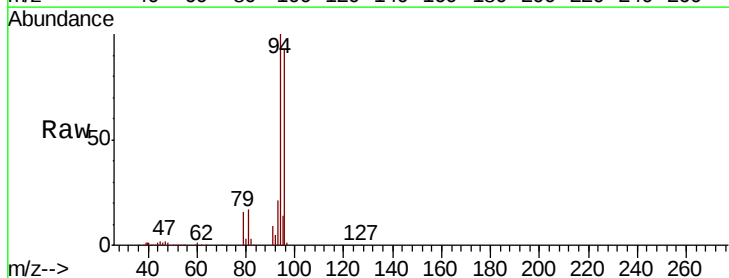
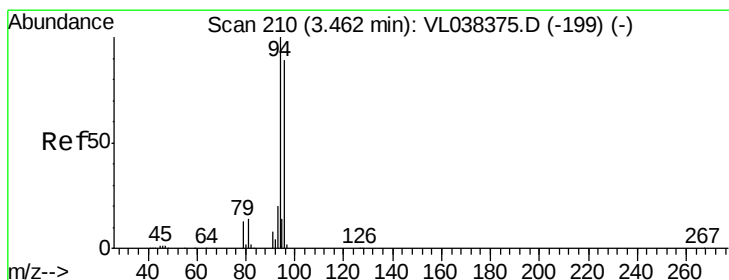
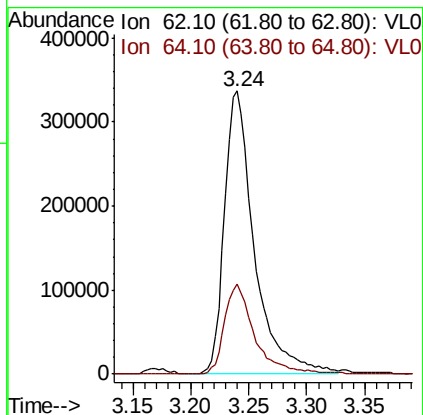
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#6

Bromomethane

Concen: 9.530 ppbv

RT: 3.46 min Scan# 208

Delta R.T. -0.01 min

Lab File: VL038551.D

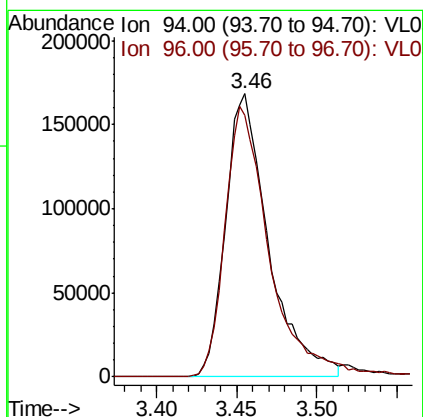
Acq: 5 Mar 2022 1:45

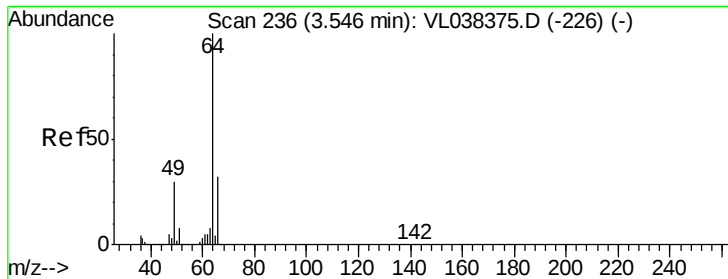
Tgt Ion: 94 Resp: 309903

Ion Ratio Lower Upper

94 100

96 92.5 71.0 106.6





#7

Chloroethane

Concen: 10.894 ppbv

RT: 3.54 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 Mar 2022 1:45 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

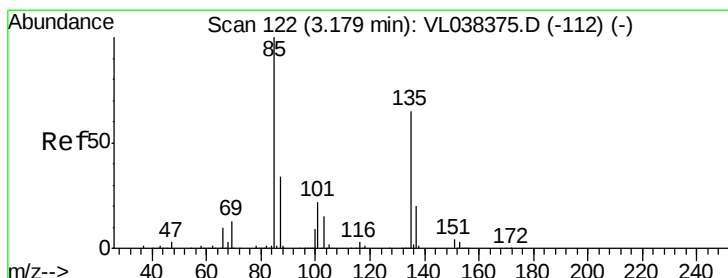
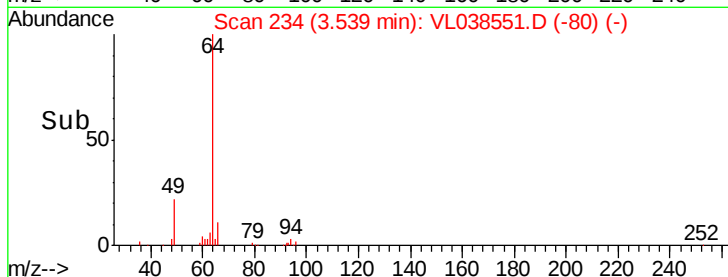
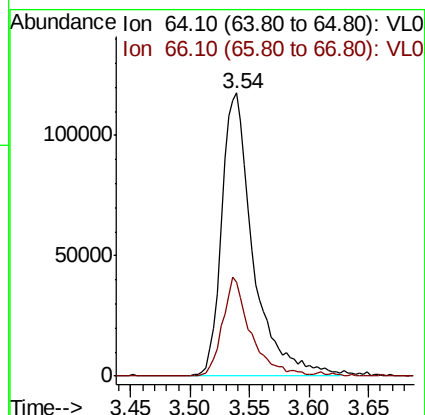
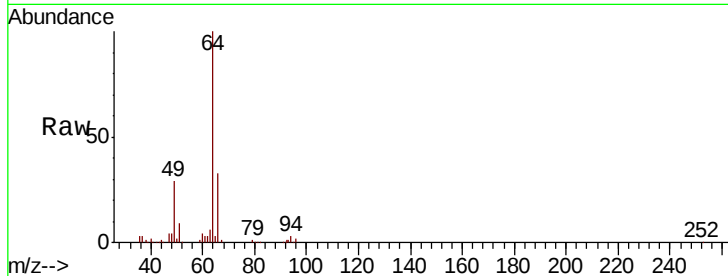
66 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#8

Dichlorotetrafluoroethane

Concen: 10.253 ppbv

RT: 3.17 min Scan# 119

Delta R.T. -0.01 min

Lab File: VL038551.D

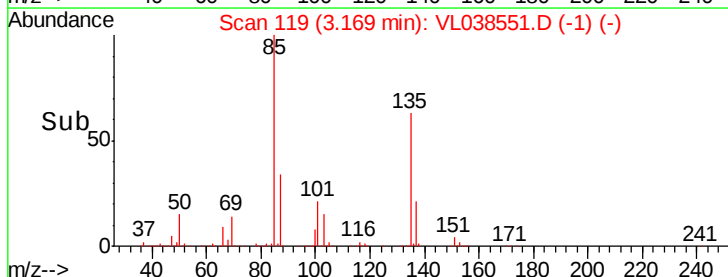
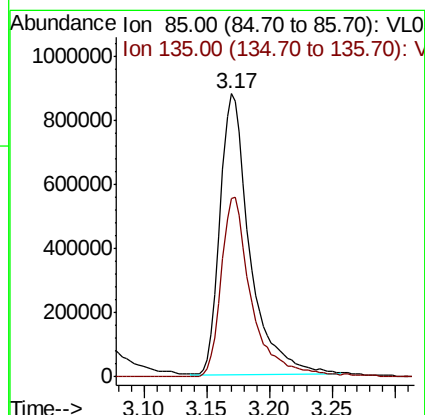
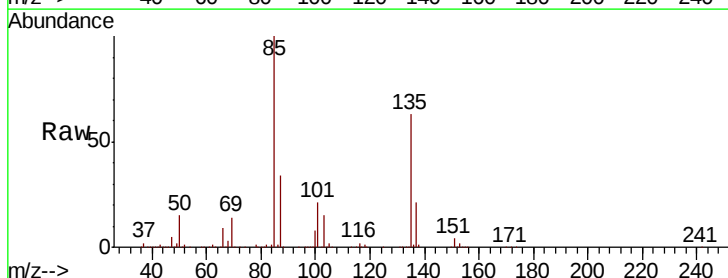
Acq: 5 Mar 2022 1:45

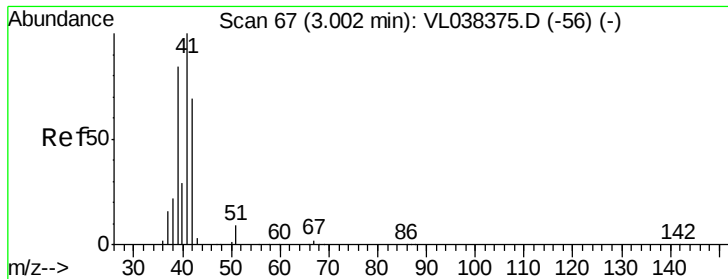
Tgt Ion: 85 Resp: 1451849

Ion Ratio Lower Upper

85 100

135 66.1 54.1 81.1



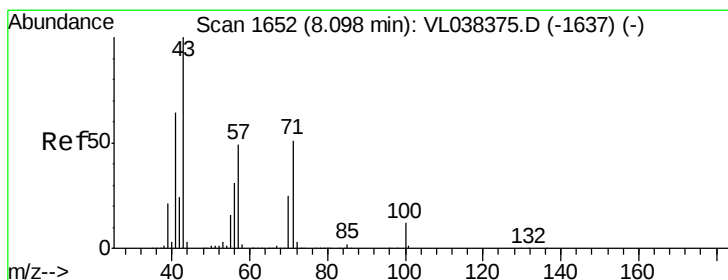
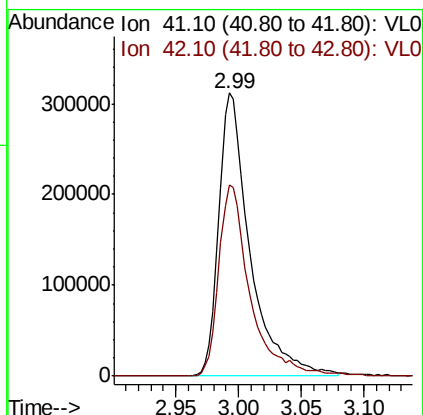
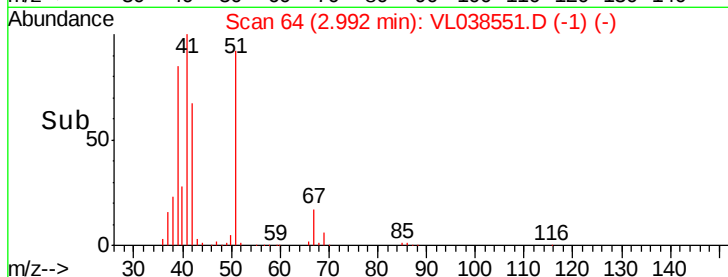
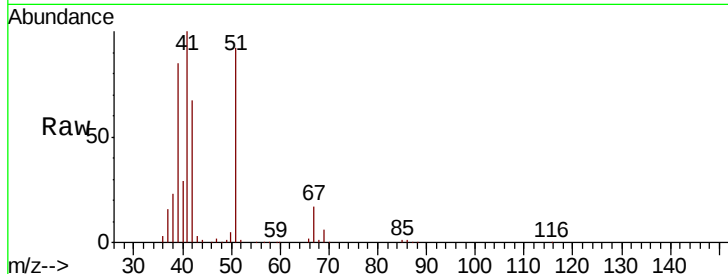


#9
 Propene
 Concen: 9.618 ppbv
 RT: 2.99
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 Mar 2022 1:45

Tot Ion:
 Ion Ratio
 41 100
 42 68.

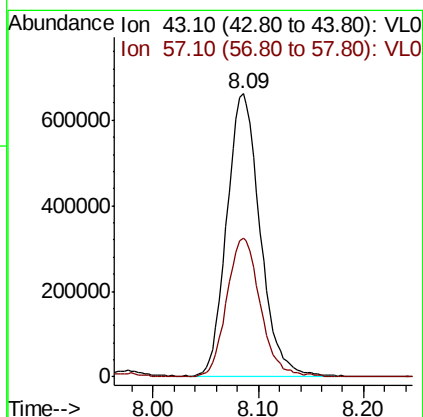
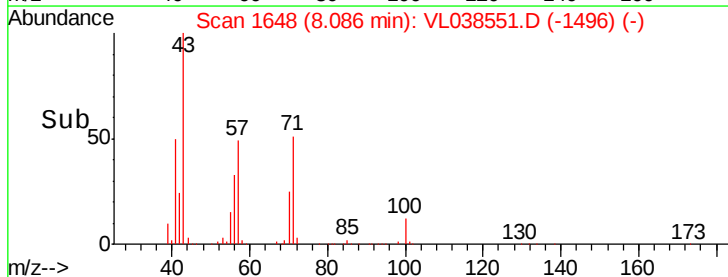
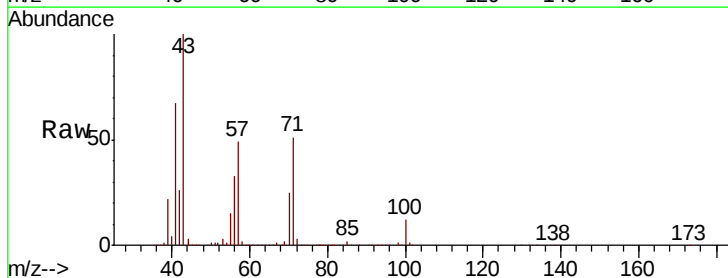
Manual Integrations
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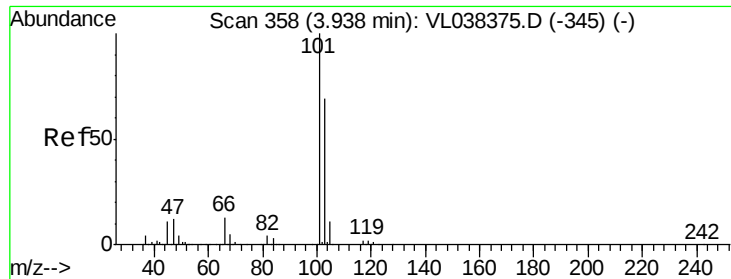
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#10
 Heptane
 Concen: 10.530 ppbv
 RT: 8.09 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: VL038551.D
 Acq: 5 Mar 2022 1:45

Tgt Ion: 43 Resp: 1436428
 Ion Ratio Lower Upper
 43 100
 57 50.2 39.8 59.8



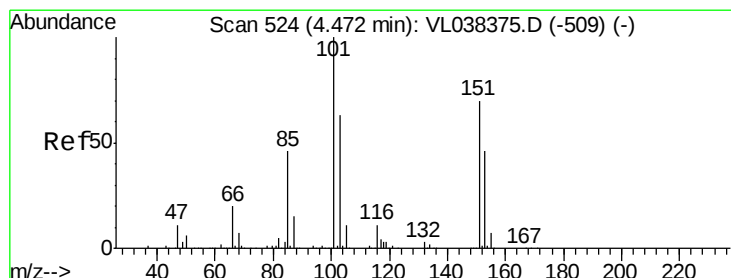
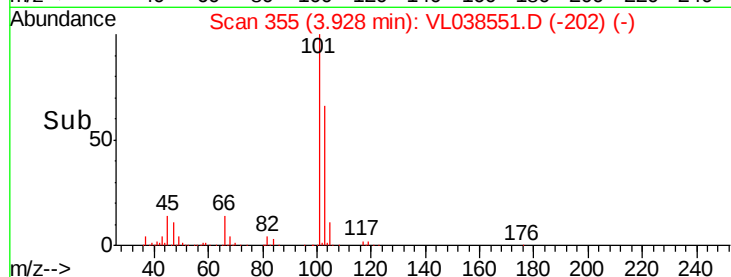
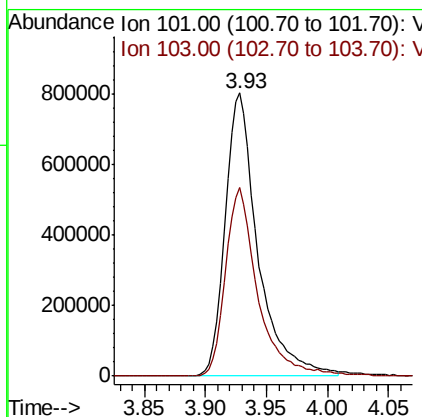
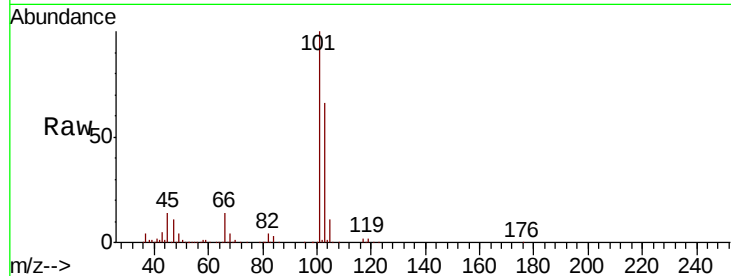


#11
 Trichlorofluoromethane
 Concen: 10.366 ppbv
 RT: 3.93 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 Mar 2022 1:45

Tot Ion:1
 Ion Rati
 101 100
 103 66.

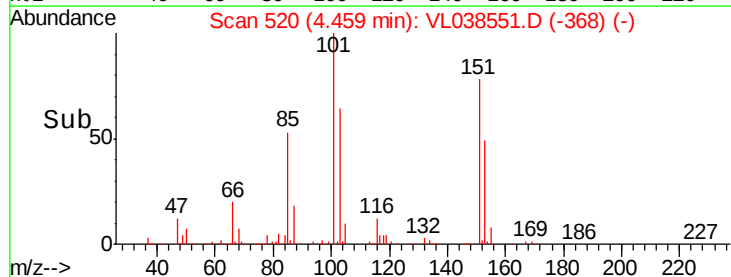
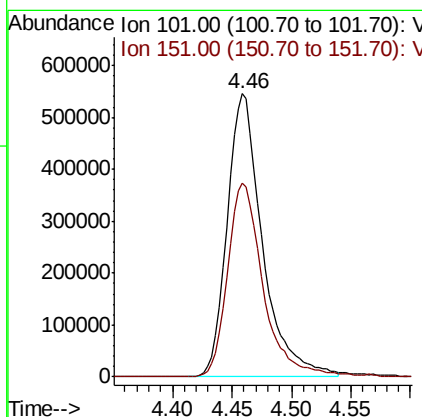
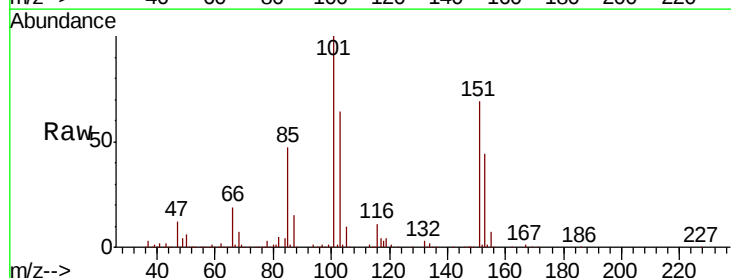
Manual Integrations
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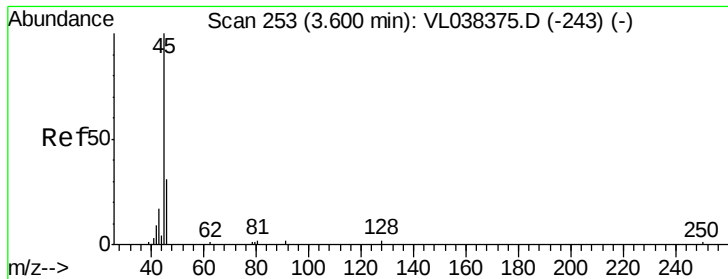
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.512 ppbv
 RT: 4.46 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: VL038551.D
 Acq: 5 Mar 2022 1:45

Tgt Ion:101 Resp: 1123300
 Ion Ratio Lower Upper
 101 100
 151 69.7 55.9 83.9



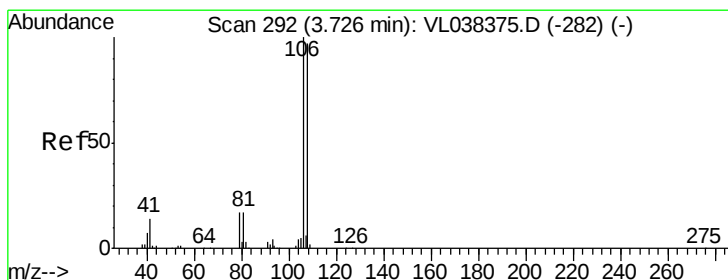
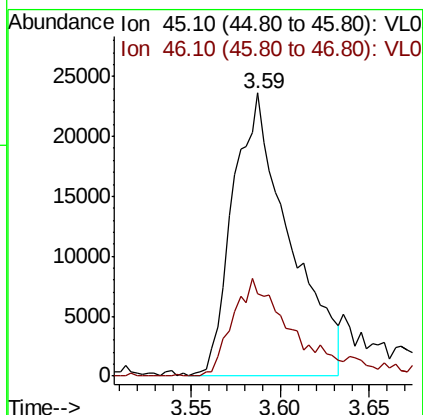
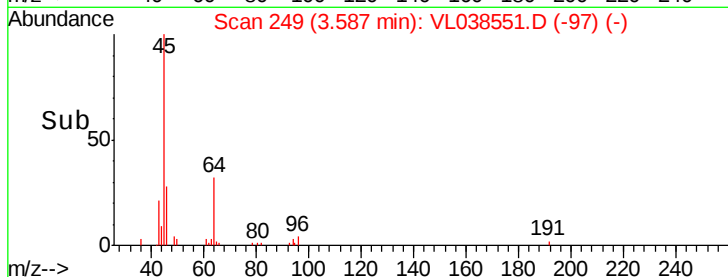
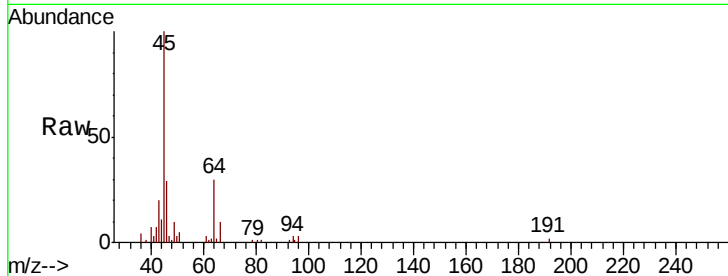


#13
Ethanol
Concen: 9.331 ppbv
RT: 3.59
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 Mar 2022 1:45

Tot Ion:
Ion Rati
45 100
46 39.

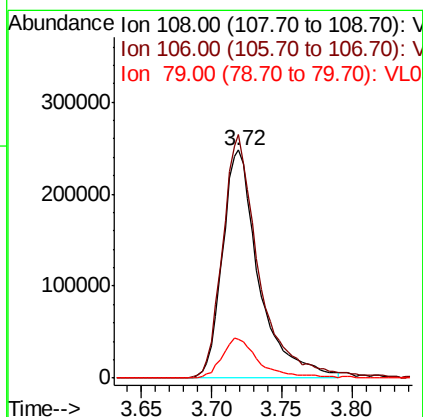
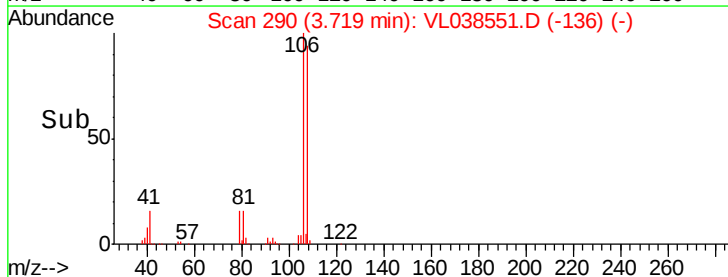
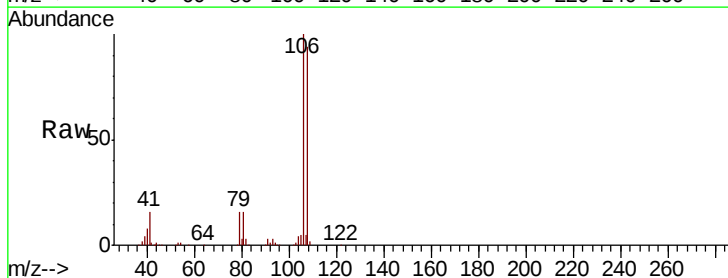
Manual Integrations
APPROVED

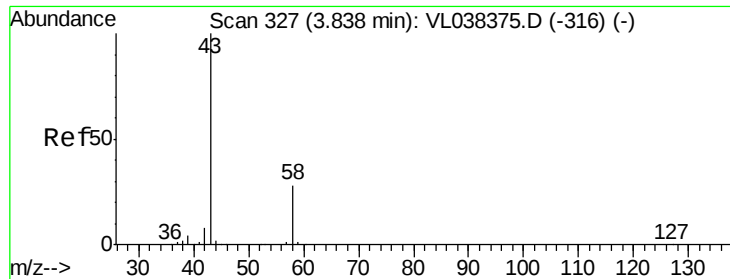
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#14
Bromoethene
Concen: 10.484 ppbv
RT: 3.72 min Scan# 290
Delta R.T. -0.01 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion:108 Resp: 446289
Ion Ratio Lower Upper
108 100
106 108.3 88.4 132.6
79 18.7 15.0 22.6





#15

Acetone

Concen: 9.064 ppbv

RT: 3.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Mar 2022 1:45

Tot Ion:

Ion Ratio

43 100

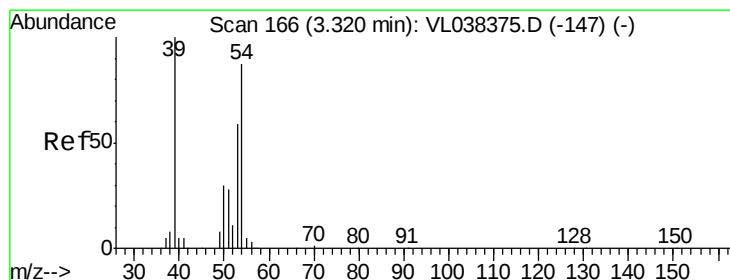
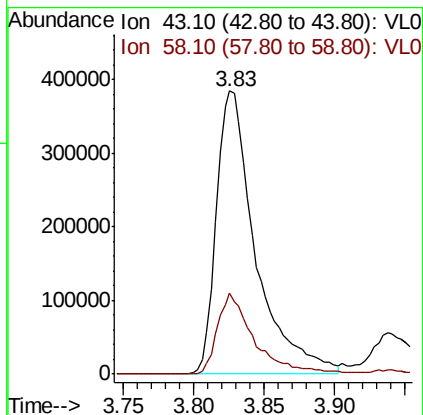
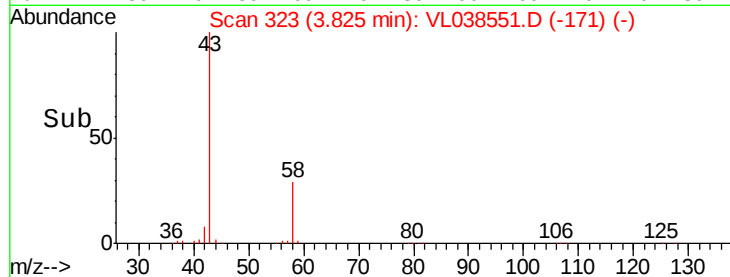
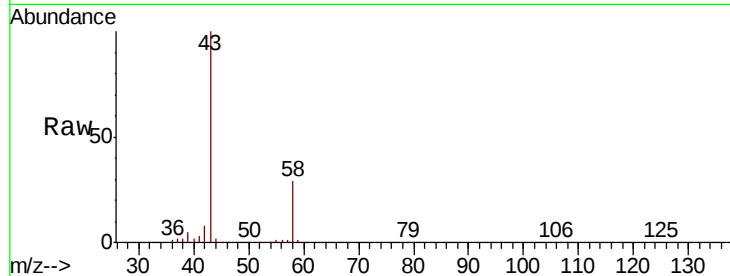
58 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#16

1,3-Butadiene

Concen: 10.259 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.01 min

Lab File: VL038551.D

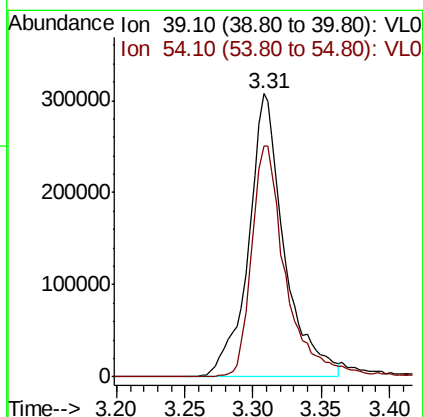
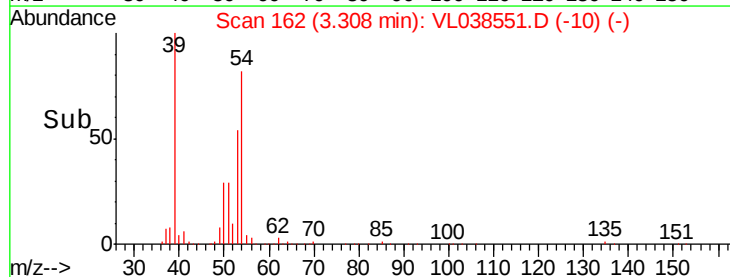
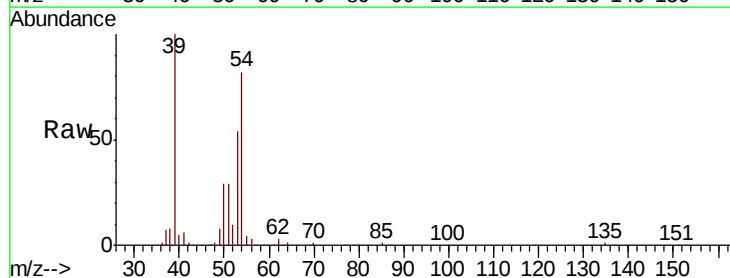
Acq: 5 Mar 2022 1:45

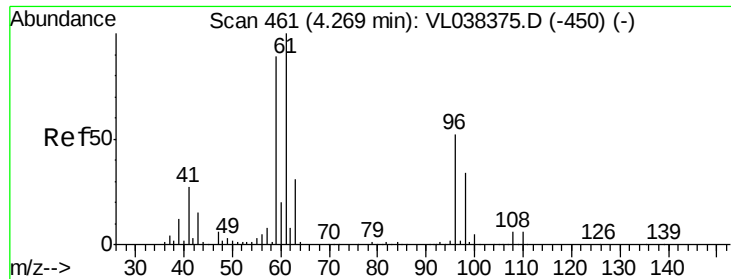
Tgt Ion: 39 Resp: 560115

Ion Ratio Lower Upper

39 100

54 79.3 60.3 90.5





#17

tert-Butyl alcohol

Concen: 9.496 ppbv

RT: 4.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 5 Mar 2022 1:45 VSTDCCC010EC

Tot Ion:

Ion Ratio

59 100

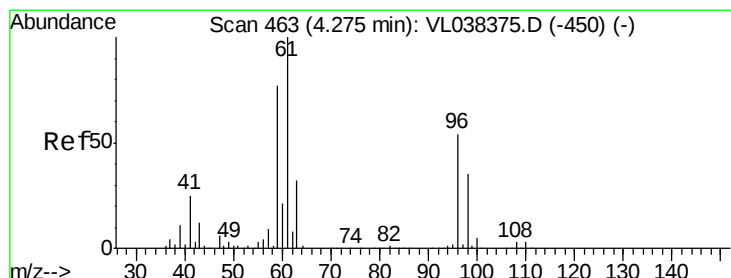
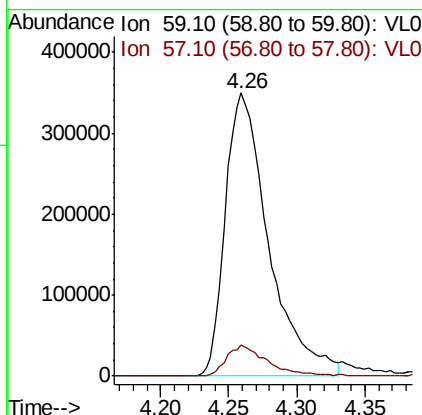
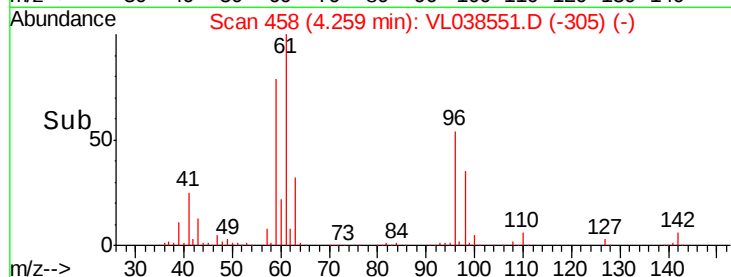
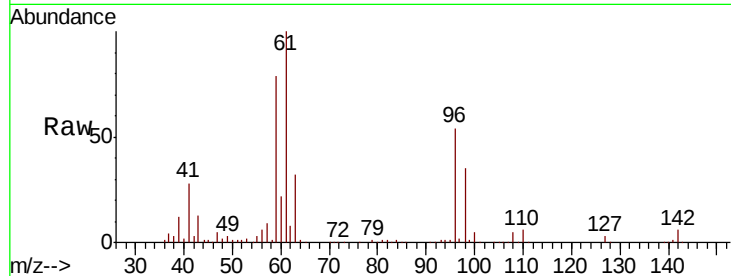
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#18

1,1-Dichloroethene

Concen: 10.308 ppbv

RT: 4.27 min Scan# 460

Delta R.T. -0.01 min

Lab File: VL038551.D

Acq: 5 Mar 2022 1:45

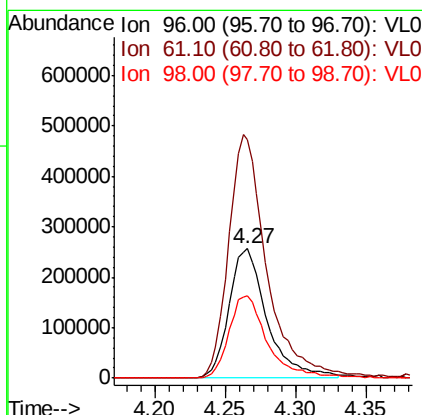
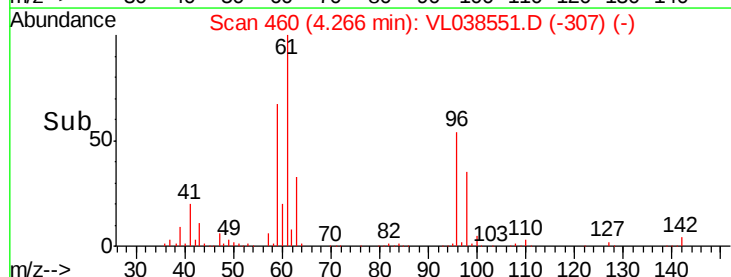
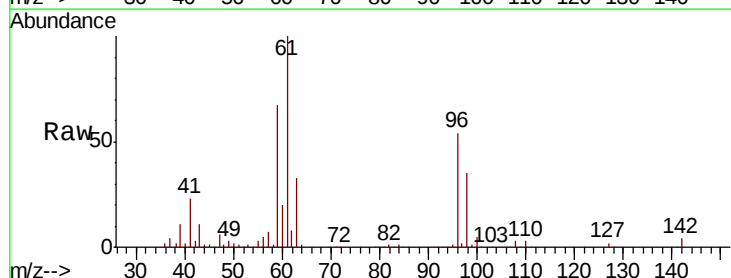
Tgt Ion: 96 Resp: 483605

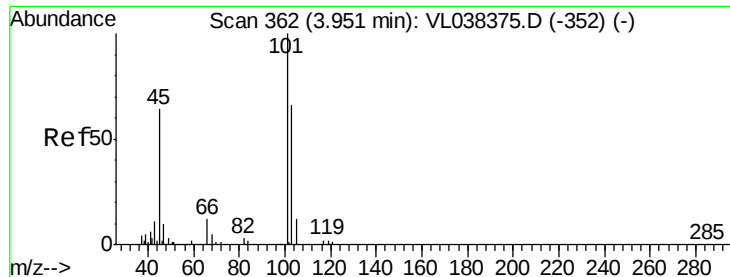
Ion Ratio Lower Upper

96 100

61 184.1 146.8 220.2

98 63.5 51.5 77.3



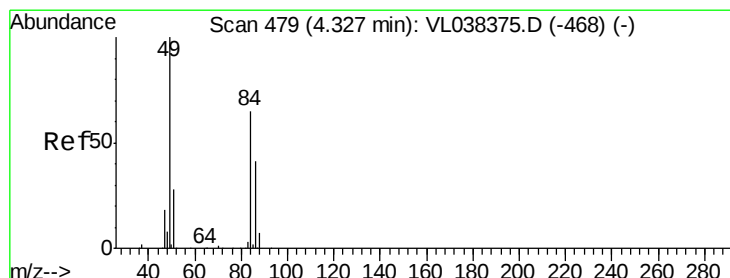
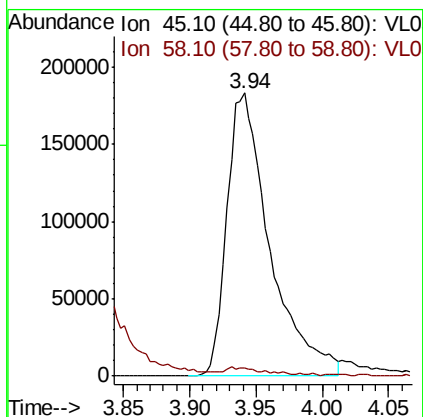
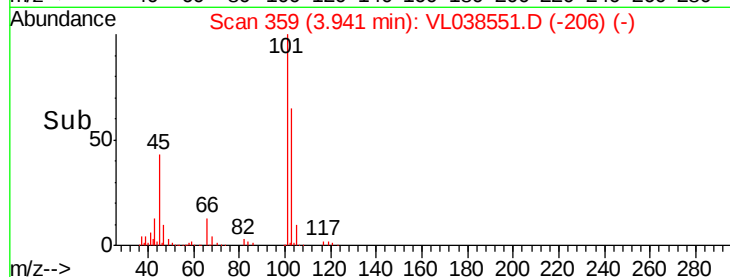
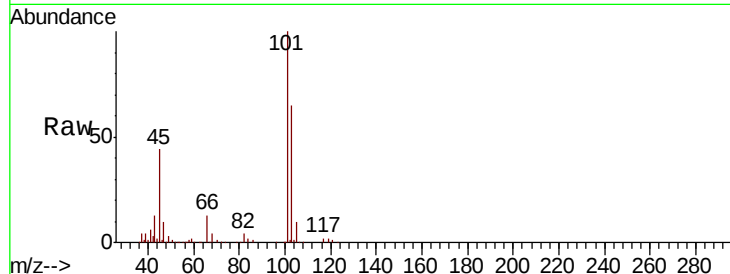


#19
Isopropyl Alcohol
Concen: 8.733 ppbv
RT: 3.94
Delta R.T.: MSVOA.L
Lab File: ClientSampleId :
Acq: 5 Mar 2022 1:45

Tot Ion:
Ion Ratio
45 100
58 3.

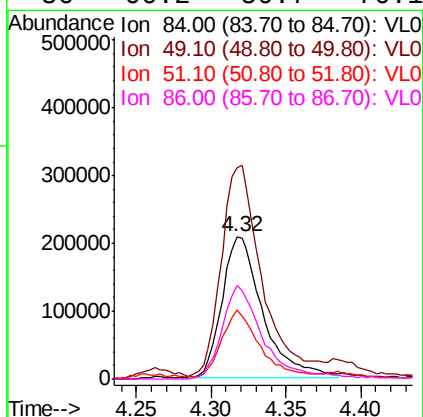
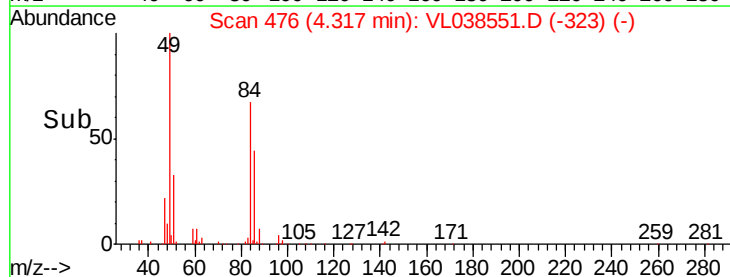
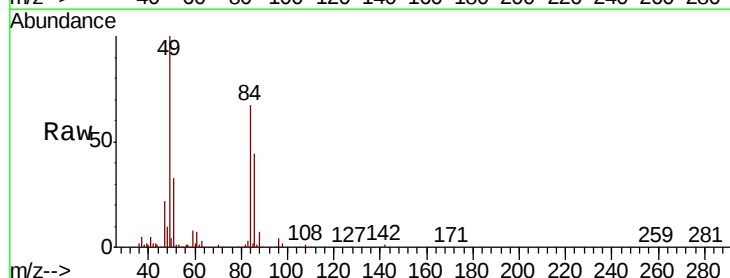
Manual Integrations
APPROVED

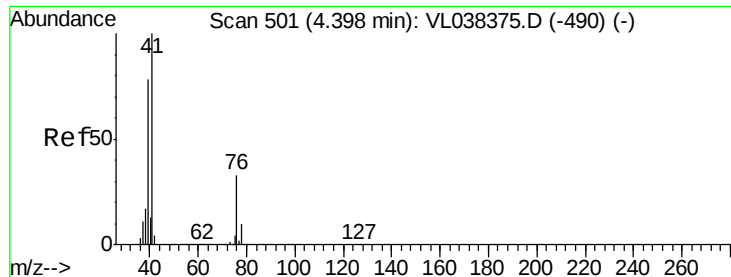
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#20
Methylene Chloride
Concen: 9.721 ppbv
RT: 4.32 min Scan# 476
Delta R.T.: -0.01 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion: 84 Resp: 393688
Ion Ratio Lower Upper
84 100
49 147.8 122.4 183.6
51 47.5 33.3 49.9
86 66.2 50.7 76.1



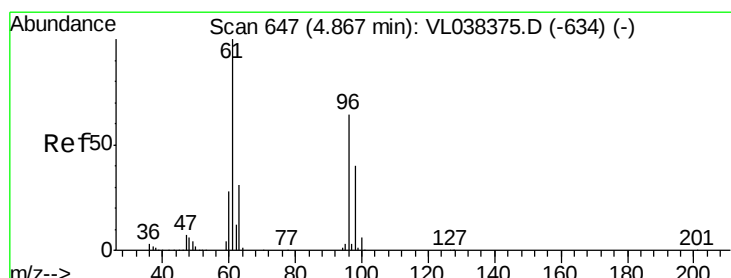
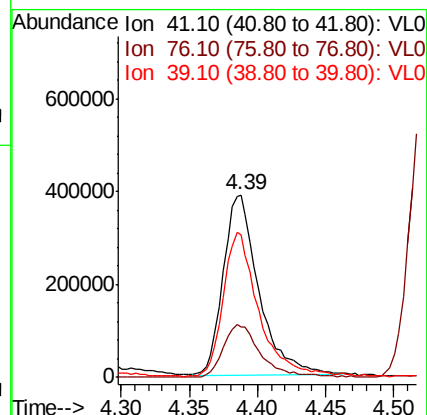
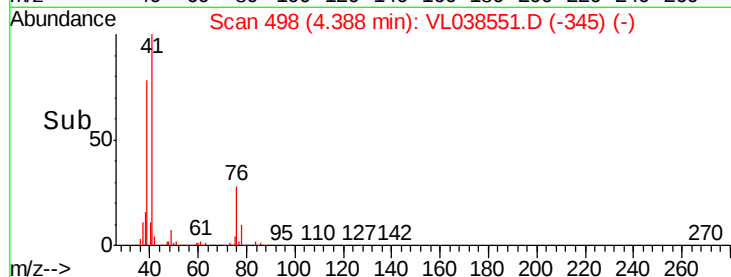
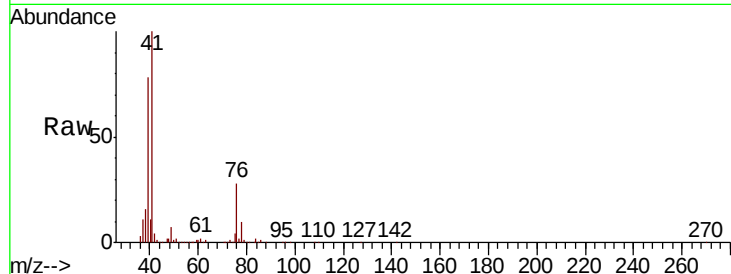


#21
Allv1 Chloride
Concen: 10.274 ppbv
RT: 4.39
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 Mar 2022 1:45

Tot Ion:
Ion Ratio
41 100
76 30.
39 79.

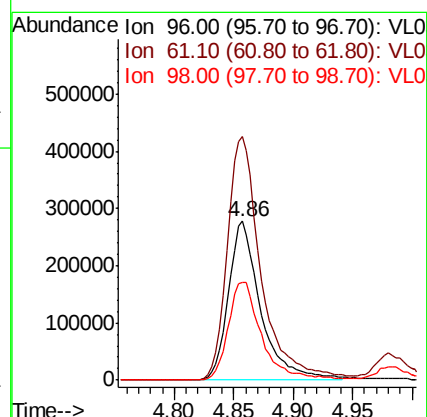
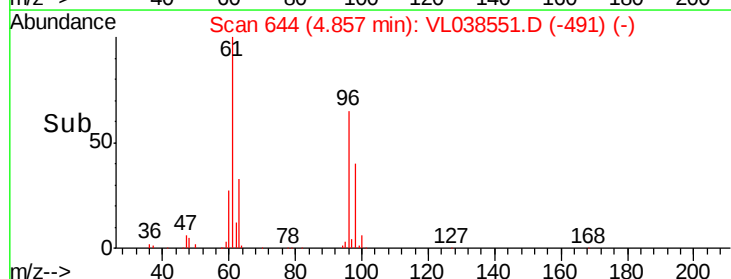
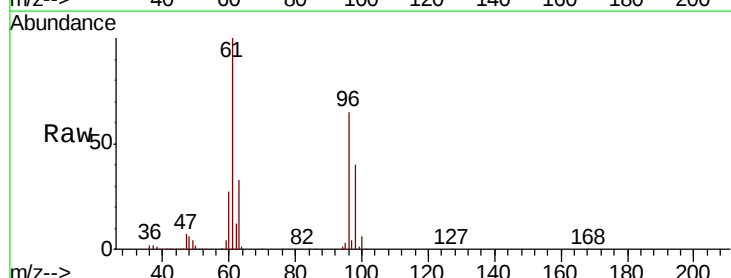
Manual Integrations
APPROVED

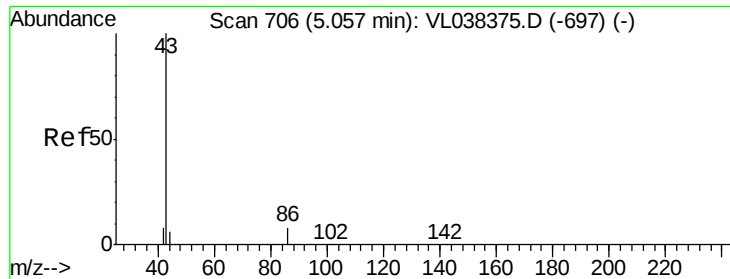
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#22
trans-1,2-Dichloroethene
Concen: 11.038 ppbv
RT: 4.86 min Scan# 644
Delta R.T. -0.01 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion: 96 Resp: 522463
Ion Ratio Lower Upper
96 100
61 153.5 124.2 186.4
98 61.7 49.1 73.7



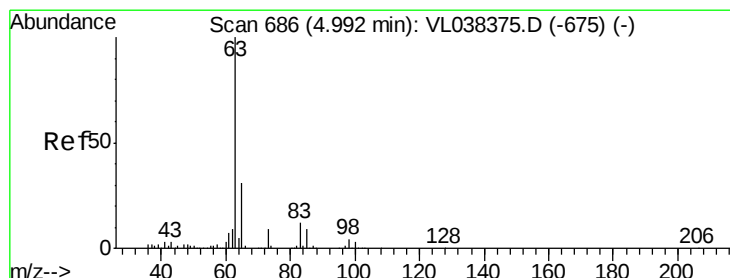
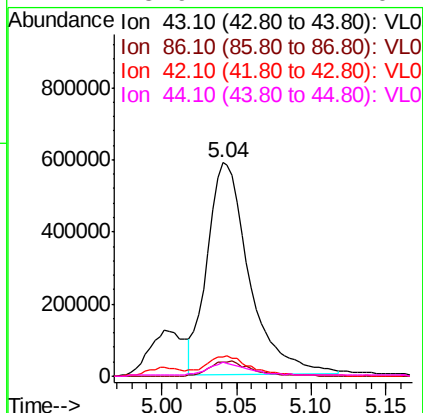
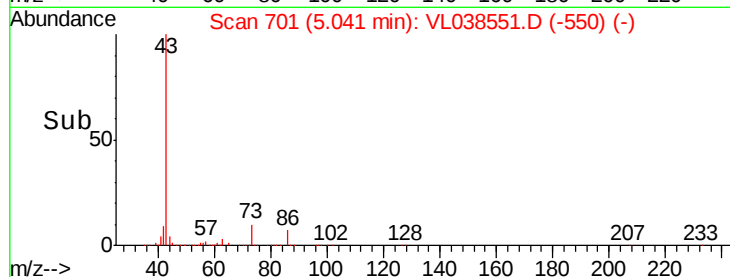
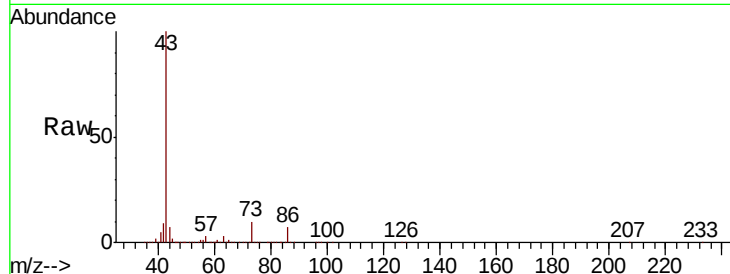


#23
 Vinyl Acetate
 Concen: 10.669 ppbv
 RT: 5.04
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 Mar 2022 1:45

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 9.
 44 5.9 4.2 6.2

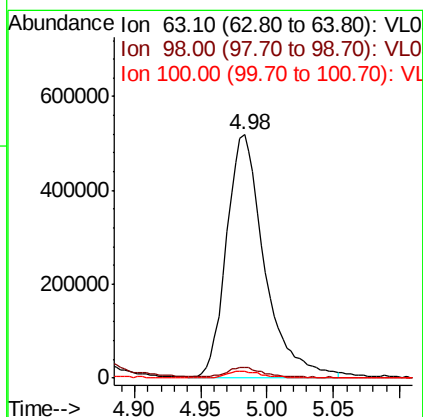
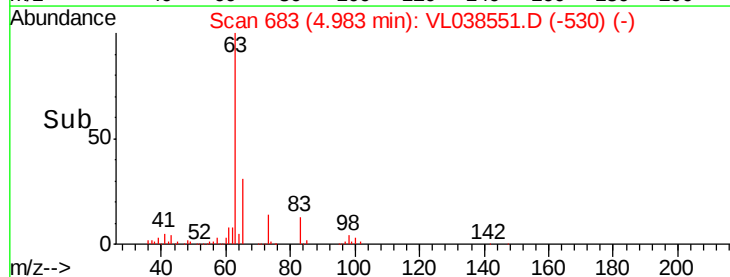
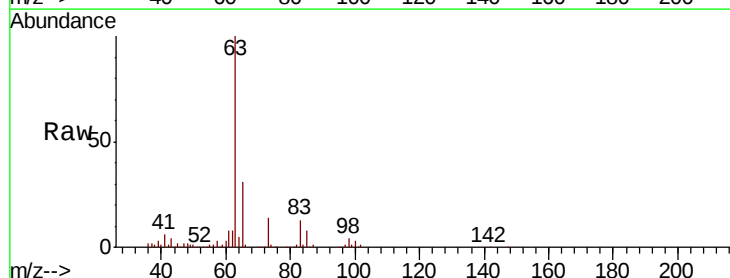
Manual Integrations
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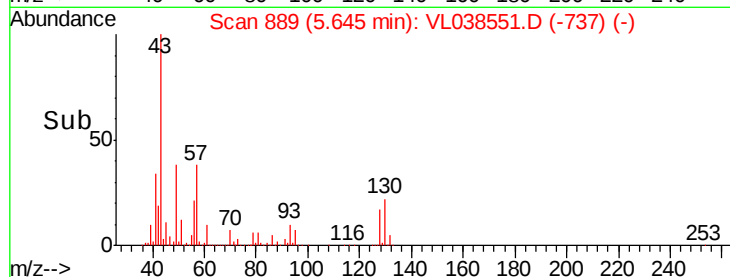
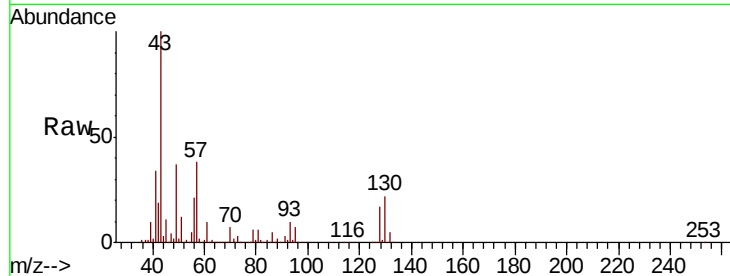
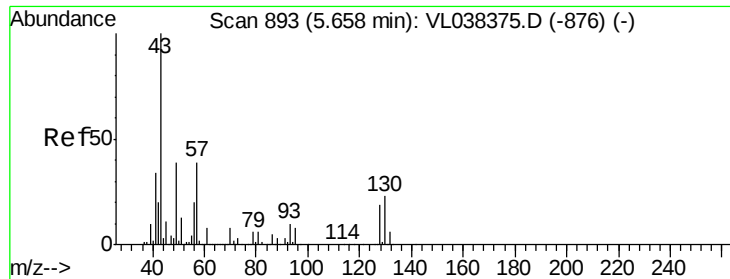
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#24
 1,1-Dichloroethane
 Concen: 10.519 ppbv
 RT: 4.98 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: VL038551.D
 Acq: 5 Mar 2022 1:45

Tgt Ion: 63 Resp: 1024333
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.5
 100 2.5 1.4 4.2



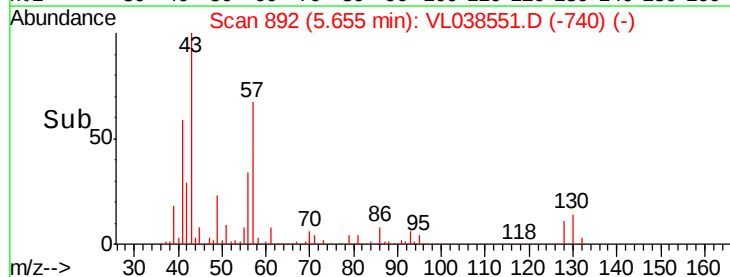
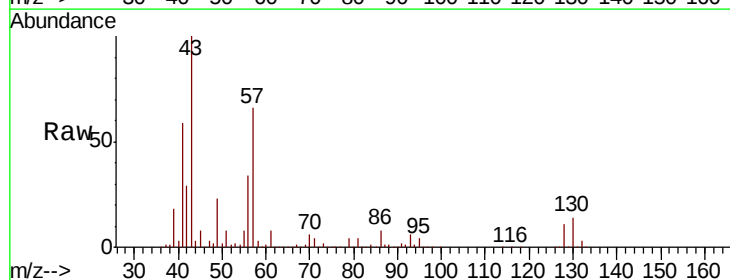
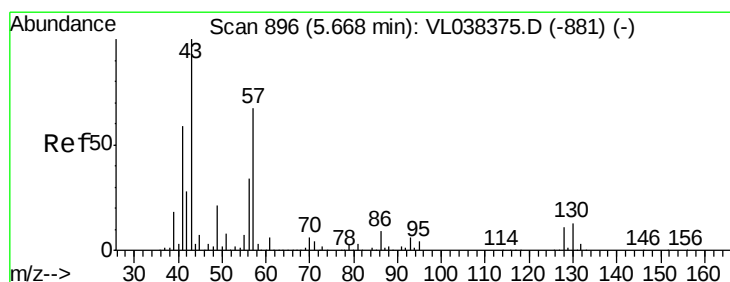
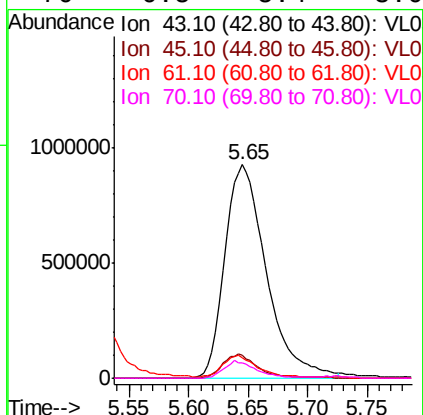


#25
Ethyl Acetate
Concen: 10.169 ppbv
RT: 5.65
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 Mar 2022 1:45

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 6.5 5.4 8.0

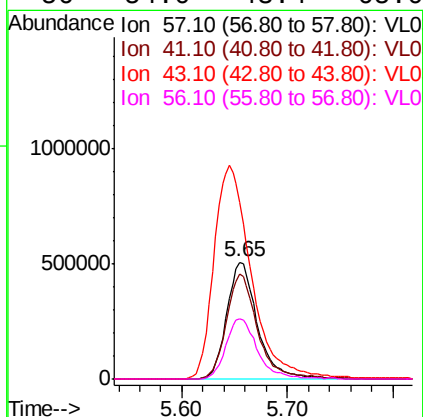
Manual Integrations
APPROVED

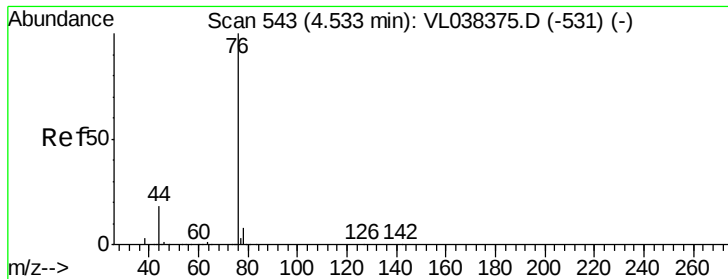
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#26
Hexane
Concen: 10.247 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion: 57 Resp: 1018984
Ion Ratio Lower Upper
57 100
41 92.6 73.1 109.7
43 223.1 181.0 271.4
56 54.0 43.4 65.0





#27

Carbon Disulfide

Concen: 11.259 ppbv

RT: 4.52 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Mar 2022 1:45 VSTDCCC010EC

Tot Ion:

Ion Ratio

76 100

44 18.

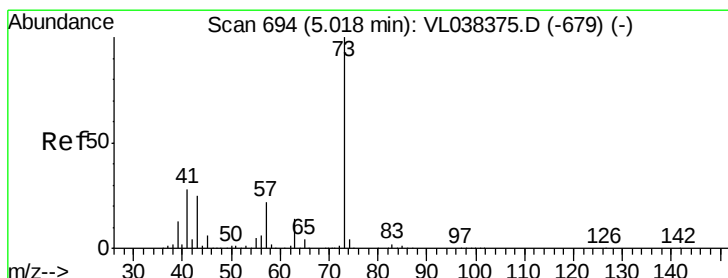
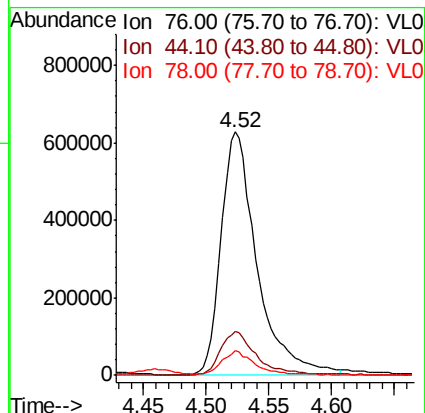
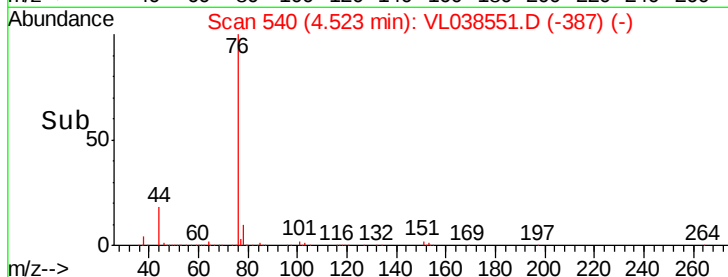
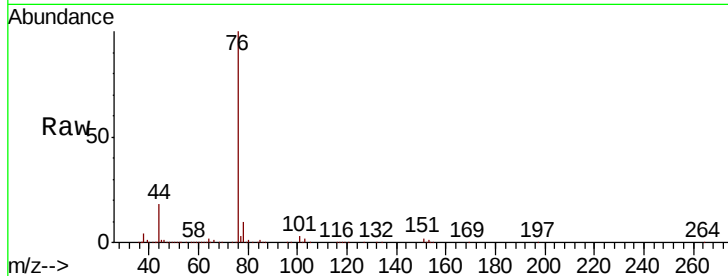
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#28

Methyl tert-Butyl Ether

Concen: 10.210 ppbv

RT: 5.01 min Scan# 690

Delta R.T. -0.01 min

Lab File: VL038551.D

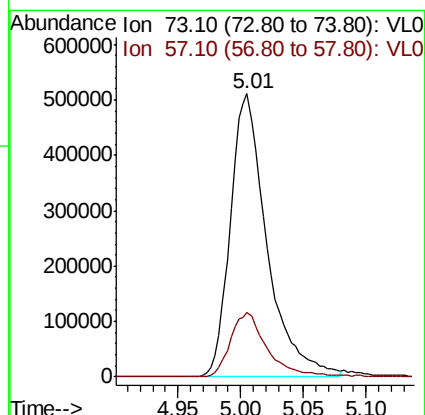
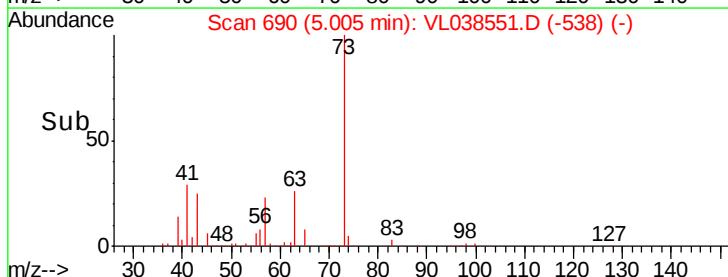
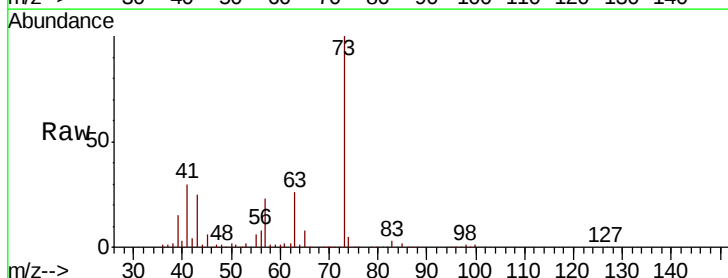
Acq: 5 Mar 2022 1:45

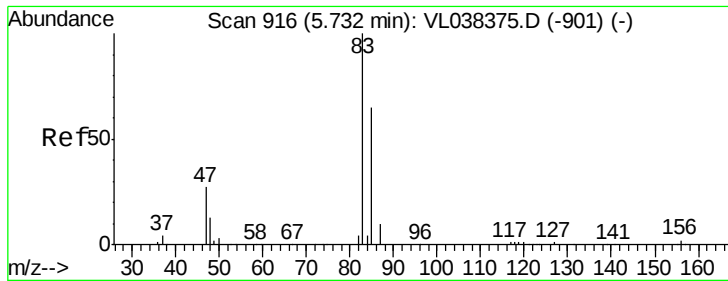
Tgt Ion: 73 Resp: 1034143

Ion Ratio Lower Upper

73 100

57 23.3 18.2 27.4



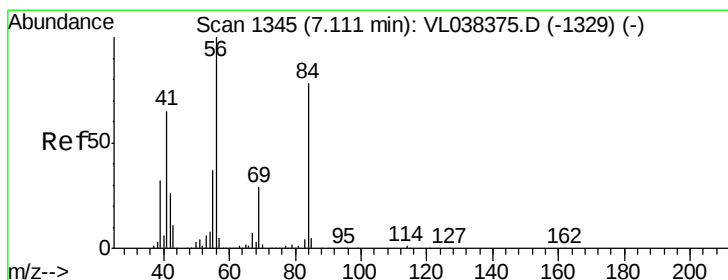
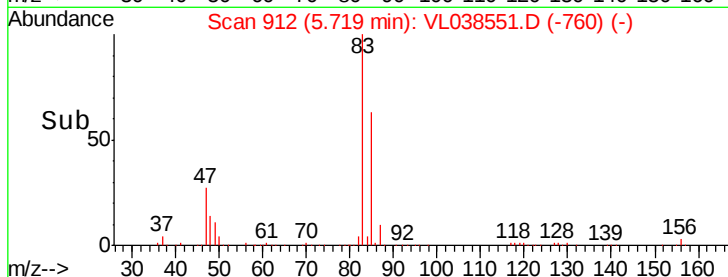
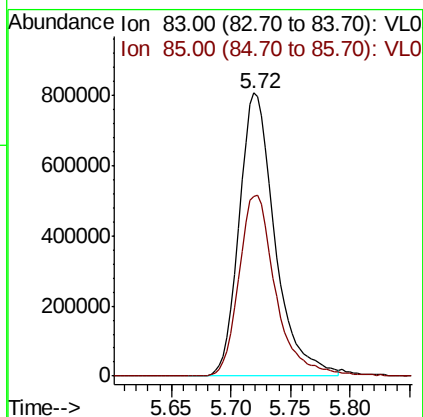
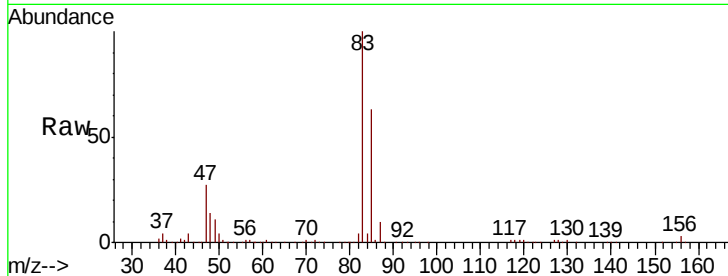


#29
Chloroform
Concen: 10.374 ppbv
RT: 5.72
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 5 Mar 2022 1:45

Tot Ion:
Ion Ratio
83 100
85 63.

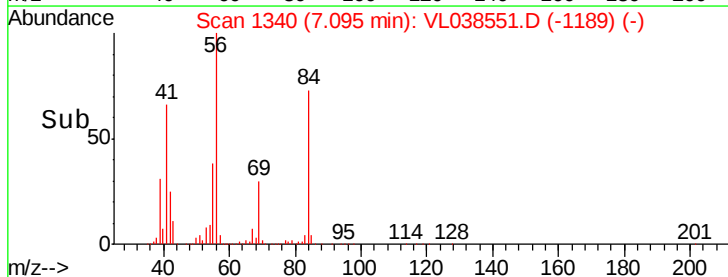
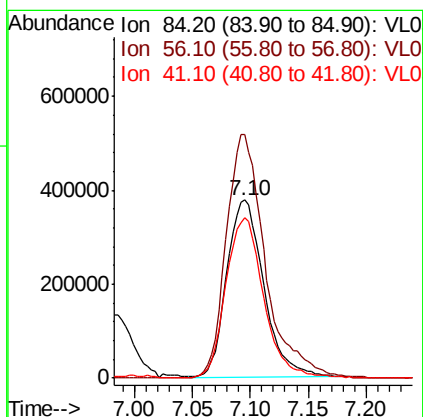
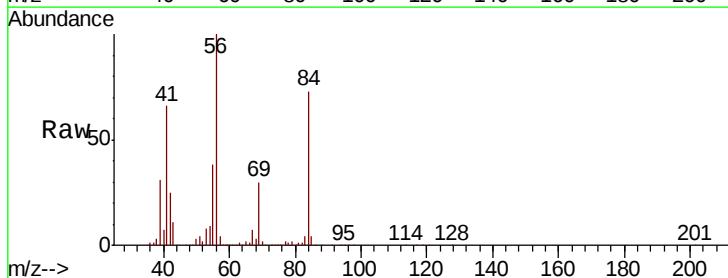
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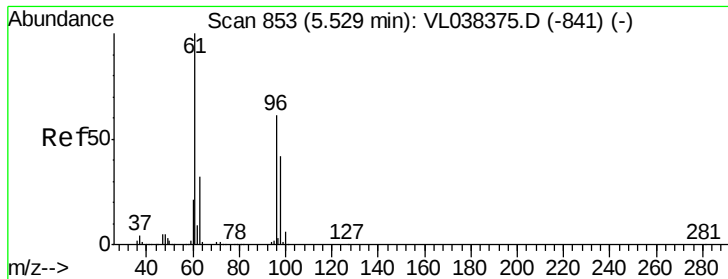
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#30
Cyclohexane
Concen: 10.266 ppbv
RT: 7.10 min Scan# 1340
Delta R.T. -0.02 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion: 84 Resp: 834979
Ion Ratio Lower Upper
84 100
56 145.7 116.2 174.4
41 92.7 74.3 111.5





#31

cis-1,2-Dichloroethene

Concen: 10.604 ppbv

RT: 5.52 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Mar 2022 1:45 VSTDCCC010EC

Tot Ion:

Ion Ratio

61 100

96 61.

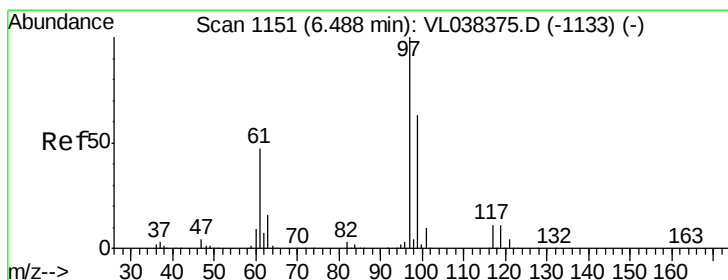
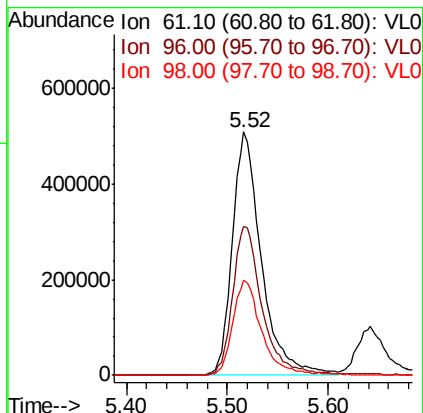
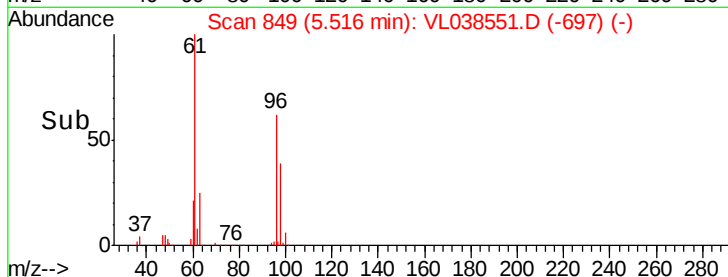
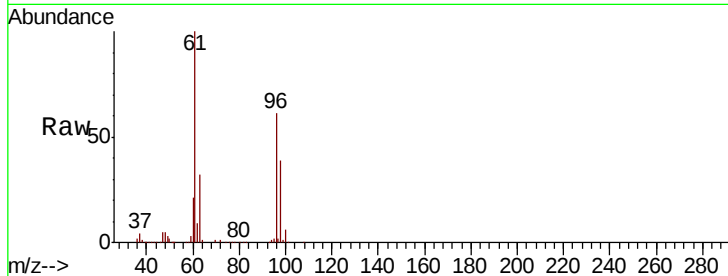
98 39.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#32

1,1,1-Trichloroethane

Concen: 10.171 ppbv

RT: 6.47 min Scan# 1147

Delta R.T. -0.01 min

Lab File: VL038551.D

Acq: 5 Mar 2022 1:45

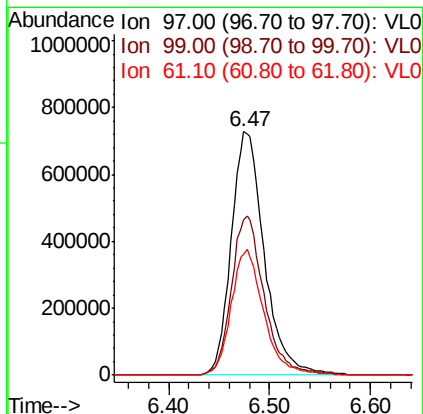
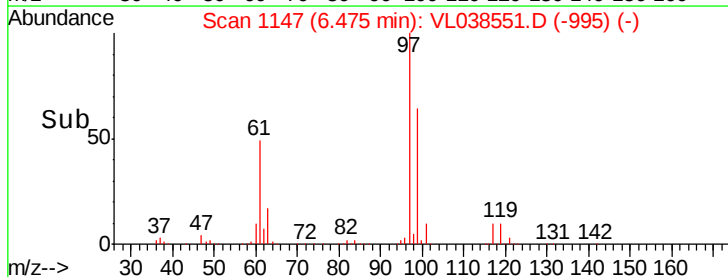
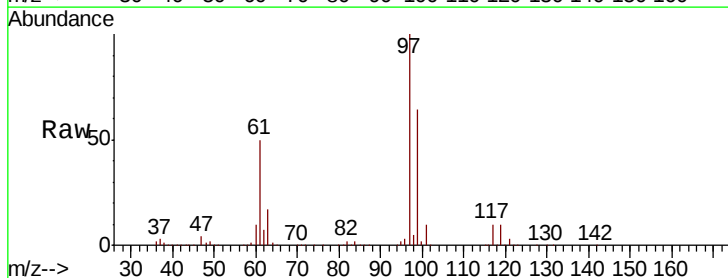
Tgt Ion: 97 Resp: 1660088

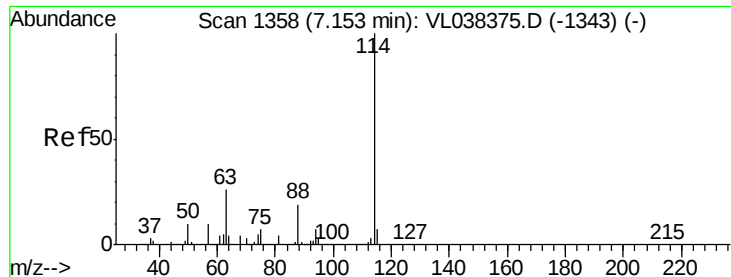
Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 50.9 40.5 60.7



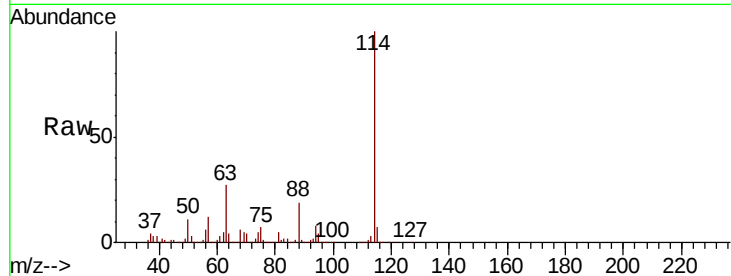


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 5 Mar 2022 1:45

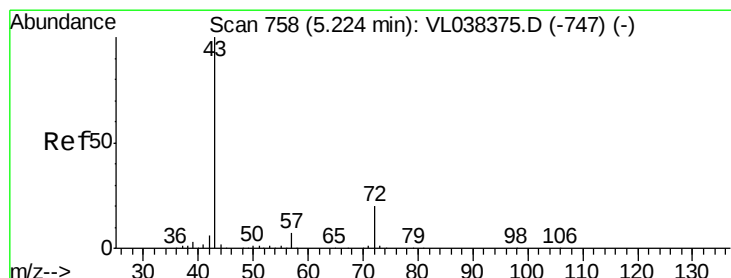
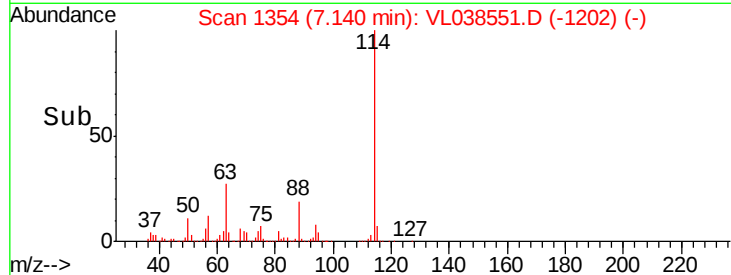
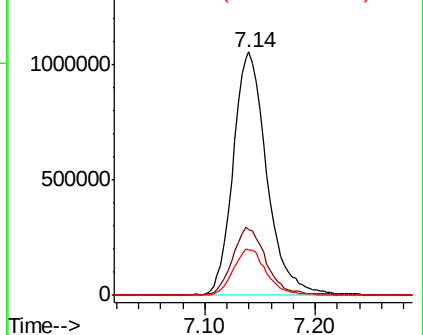
Tot Ion:1
 Ion Rati
 114 100
 63 28.
 88 18.

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Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022

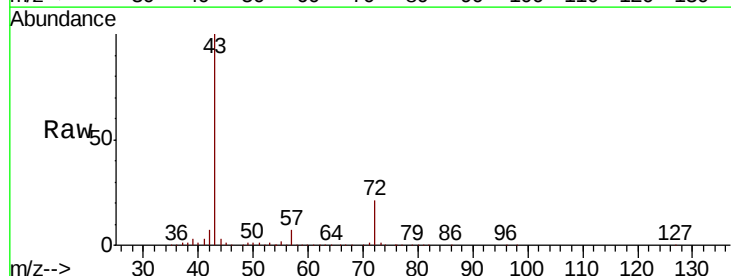


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

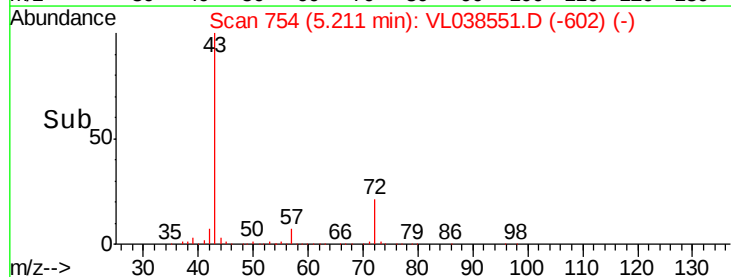
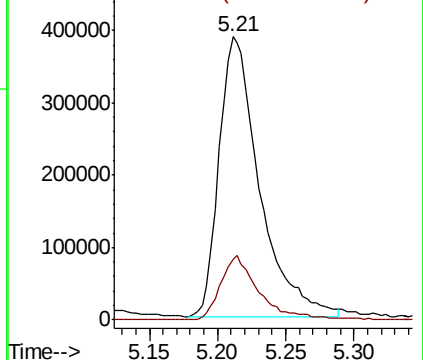


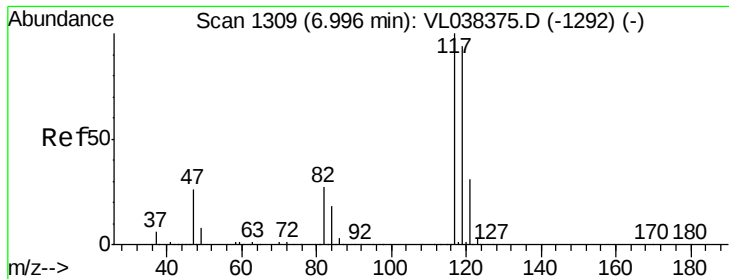
#34
 2-Butanone
 Concen: 11.329 ppbv
 RT: 5.21 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VL038551.D
 Acq: 5 Mar 2022 1:45

Tgt Ion: 43 Resp: 795541
 Ion Ratio Lower Upper
 43 100
 72 22.3 17.4 26.2



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





#35

Carbon Tetrachloride

Concen: 11.203 ppbv

RT: 6.98 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 Mar 2022 1:45 VSTDCCC010EC

Tot Ion:1

Ion Rati

117 100

119 95.

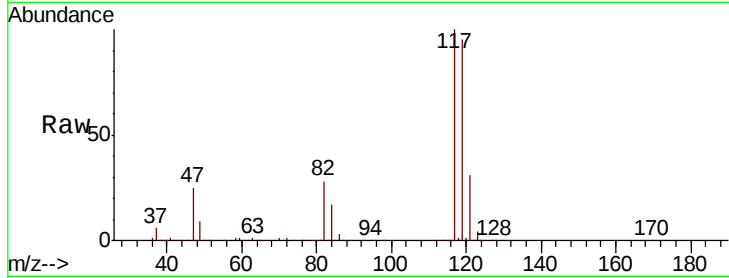
121 31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/05/2022

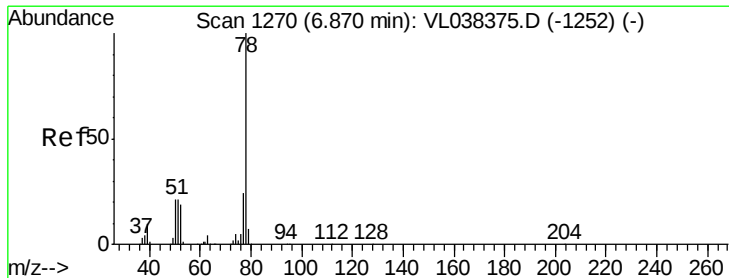
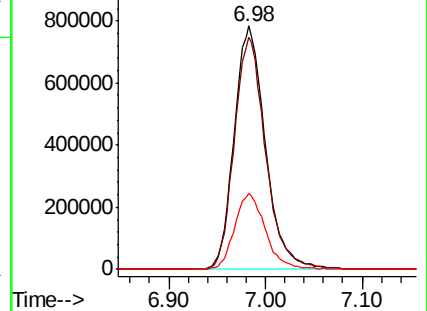
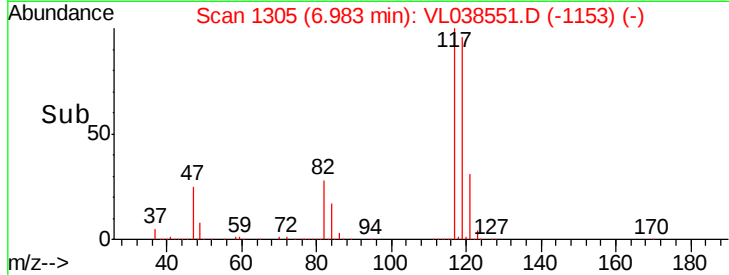
Supervised By :Mahesh Dadoda 03/07/2022



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 10.584 ppbv

RT: 6.85 min Scan# 1265

Delta R.T. -0.02 min

Lab File: VL038551.D

Acq: 5 Mar 2022 1:45

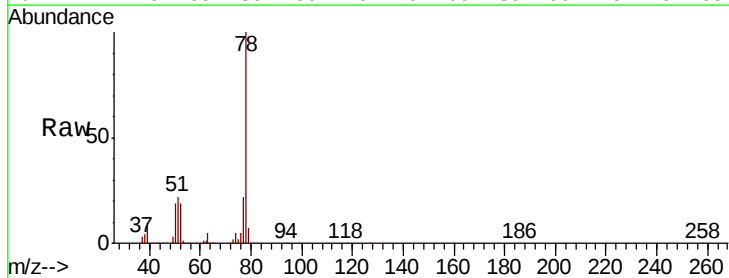
Tgt Ion: 78 Resp: 2080204

Ion Ratio Lower Upper

78 100

77 22.4 19.0 28.6

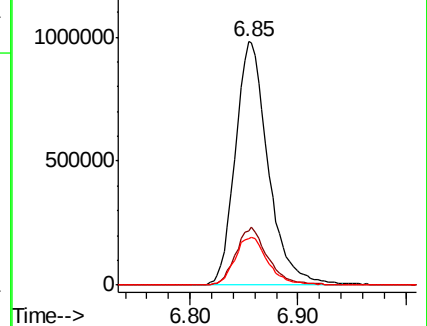
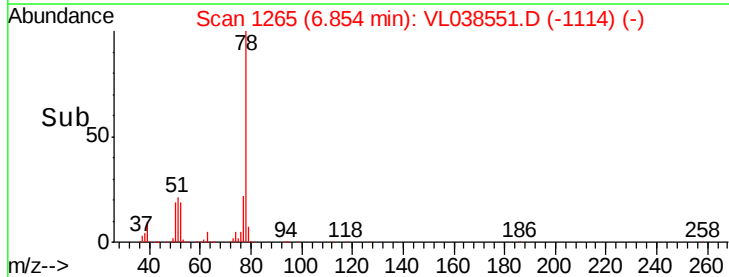
50 19.1 16.6 24.8

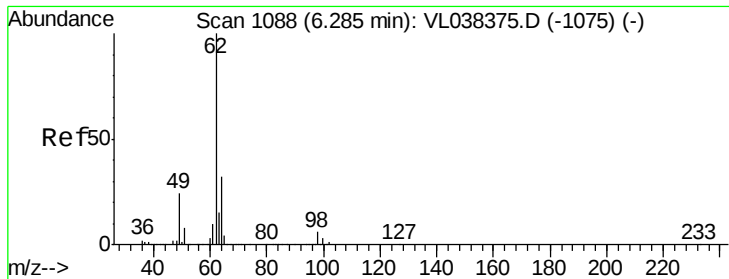


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



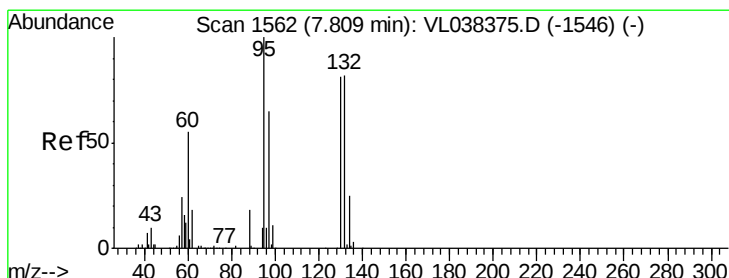
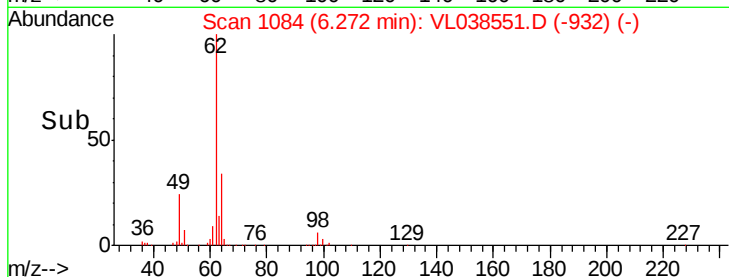
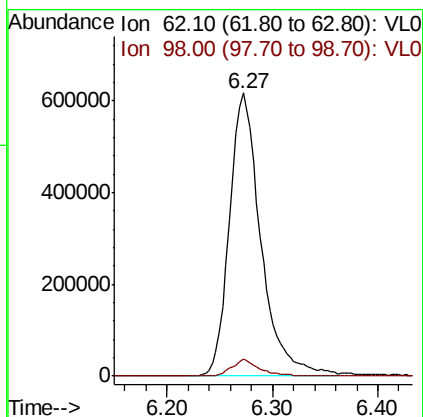
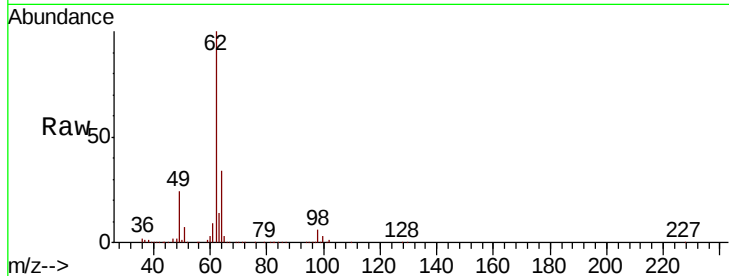


#37
 1,2-Dichloroethane
 Concen: 11.266 ppbv
 RT: 6.27
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 Mar 2022 1:45

Tot Ion:
 Ion Ratio
 62 100
 98 5.

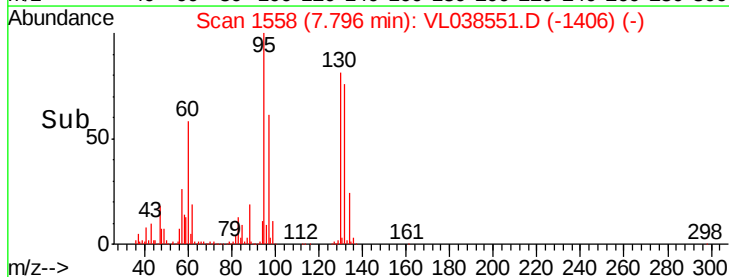
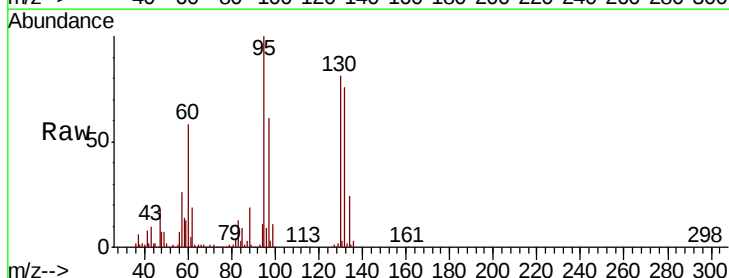
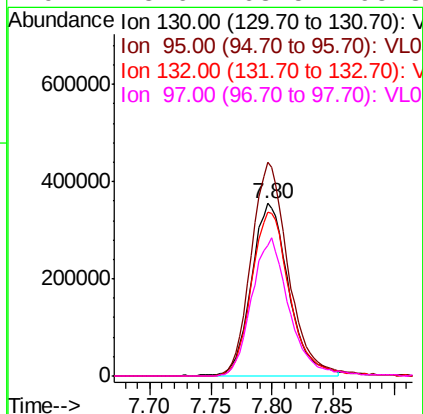
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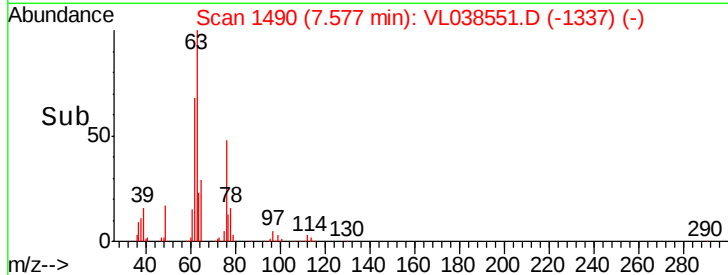
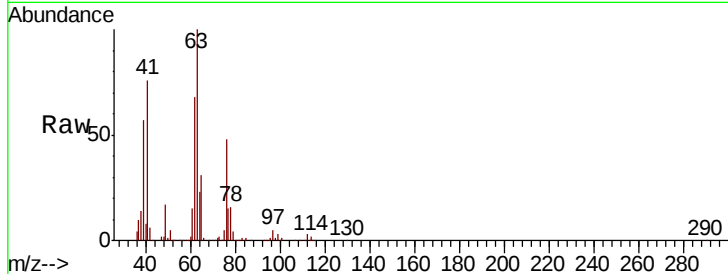
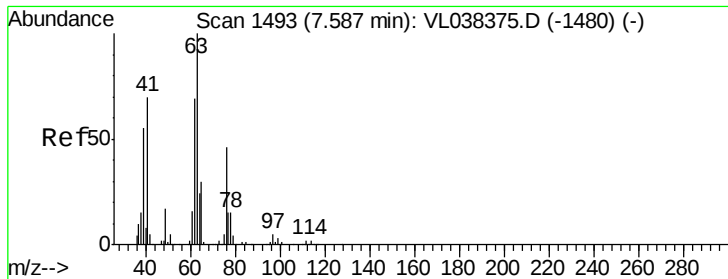
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#38
 Trichloroethene
 Concen: 10.432 ppbv
 RT: 7.80 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: VL038551.D
 Acq: 5 Mar 2022 1:45

Tgt Ion:130 Resp: 746826
 Ion Ratio Lower Upper
 130 100
 95 123.8 98.1 147.1
 132 94.7 80.3 120.5
 97 75.6 63.5 95.3



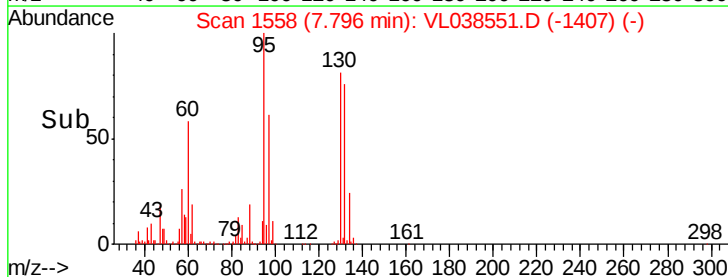
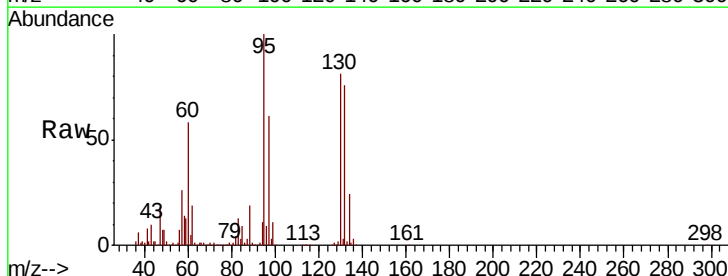
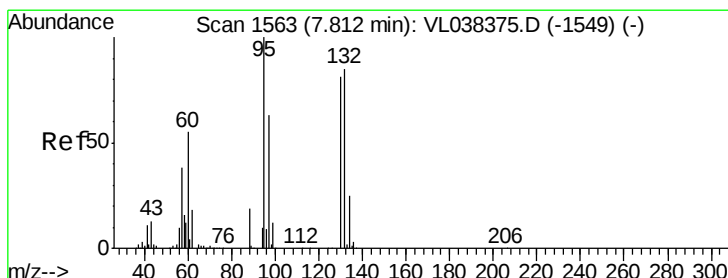
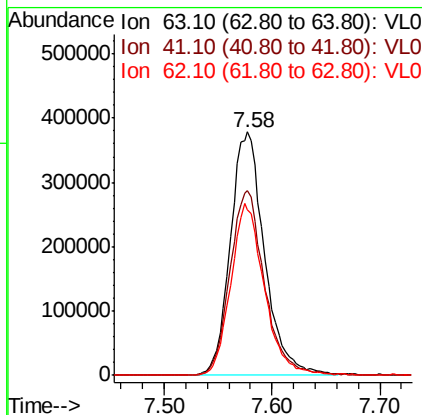


#39
 1,2-Dichloropropane
 Concen: 10.663 ppbv
 RT: 7.58
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 Mar 2022 1:45

Tot Ion:
 Ion Ratio
 63 100
 41 75.
 62 67.

Manual Integrations
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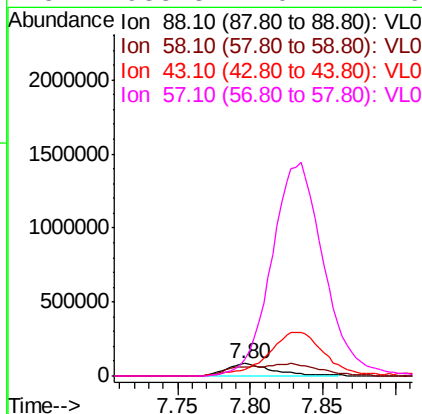
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022

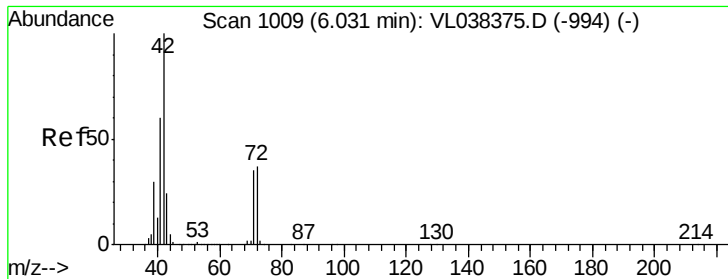


#40
 1,4-Dioxane
 Concen: 9.849 ppbv
 RT: 7.80 min Scan# 1558
 Delta R.T. -0.02 min
 Lab File: VL038551.D
 Acq: 5 Mar 2022 1:45

Tgt Ion: 88 Resp: 182884

Ion	Ratio	Lower	Upper
88	100		
58	176.0	133.2	199.8
43	438.6	330.6	496.0
57	1988.8	1462.7	2194.1



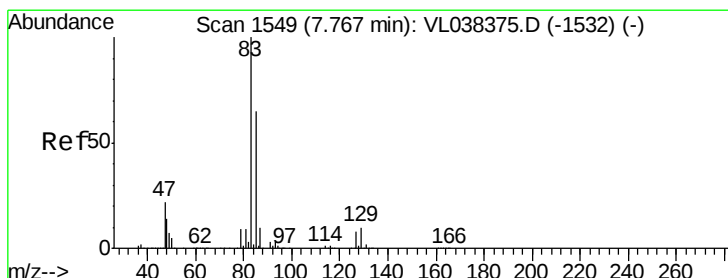
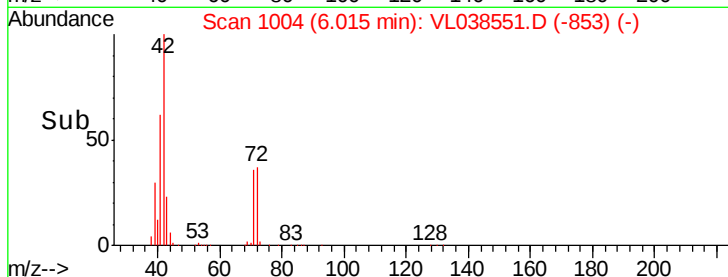
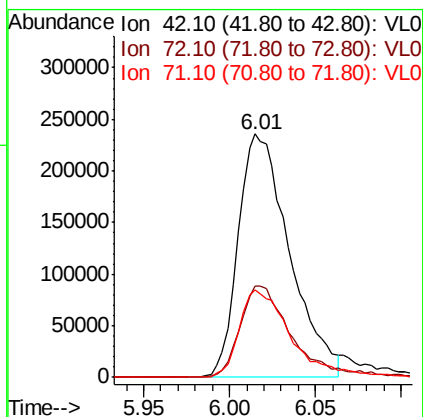
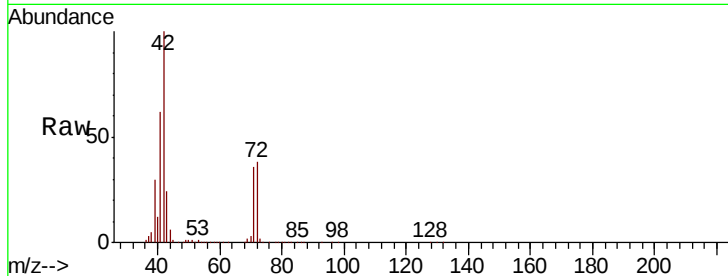


#41
Tetrahydrofuran
Concen: 10.326 ppbv
RT: 6.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 Mar 2022 1:45

Tot Ion:
Ion Ratio
42 100
72 38.
71 36.

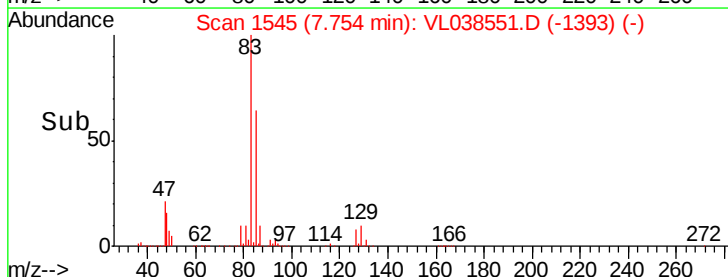
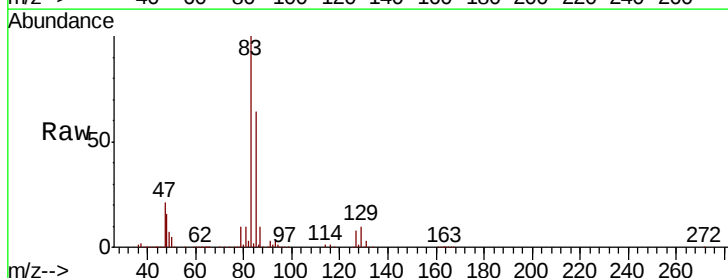
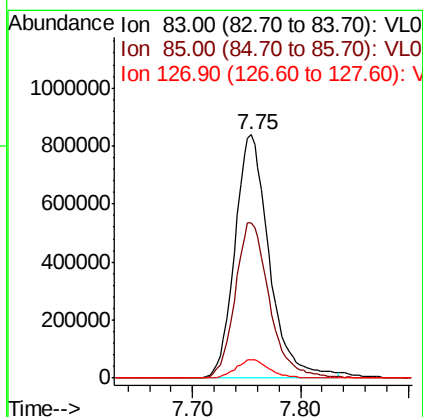
Manual Integrations
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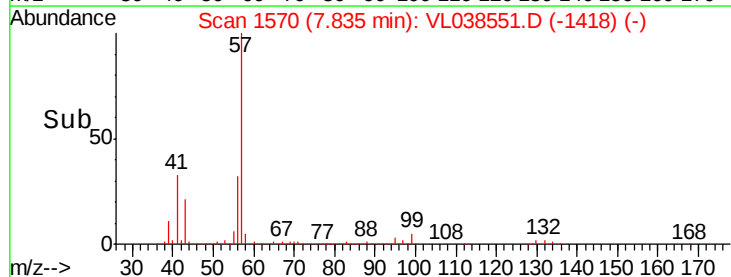
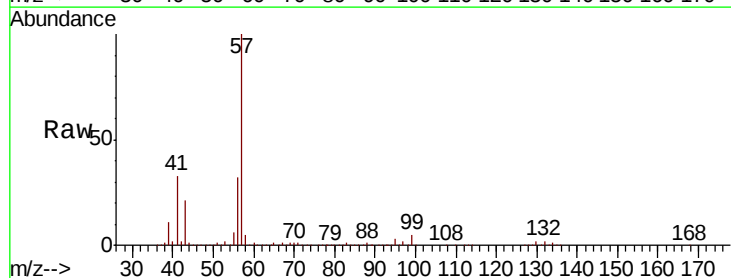
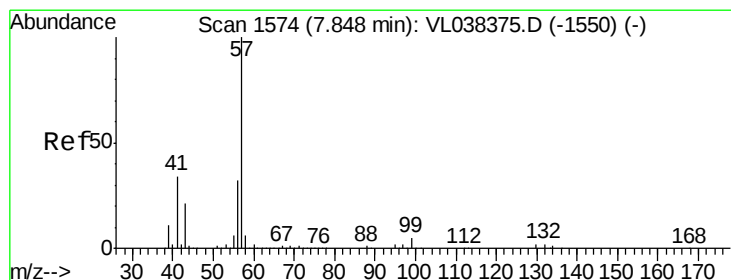
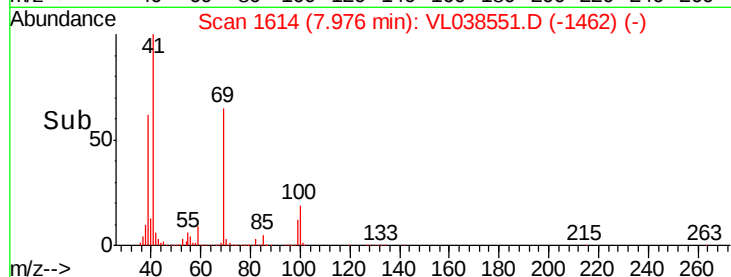
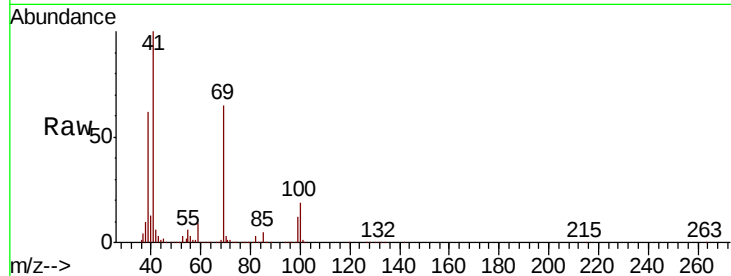
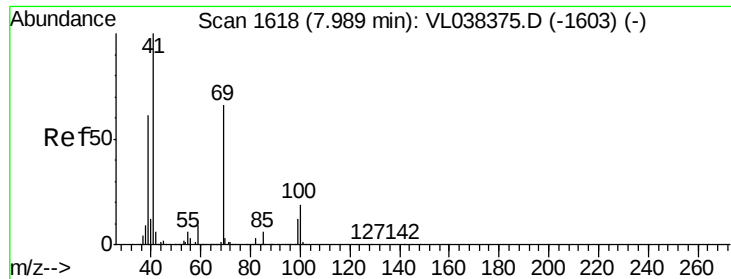
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#42
Bromodichloromethane
Concen: 11.331 ppbv
RT: 7.75 min Scan# 1545
Delta R.T. -0.01 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion: 83 Resp: 1858460
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.4
127 7.7 6.2 9.4





#43

Methyl Methacrylate

Concen: 11.504 ppbv

RT: 7.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Mar 2022 1:45 VSTDCCC010EC

Tot Ion:

Ion Ratio

69 100

41 154.

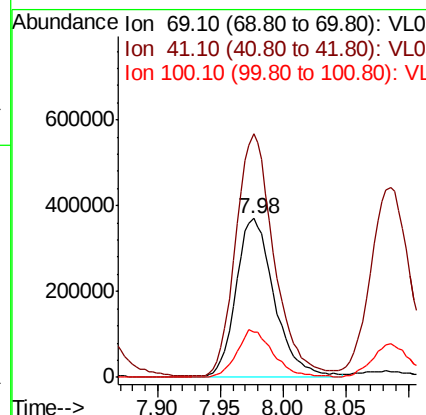
100 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#44

2,2,4-Trimethylpentane

Concen: 10.749 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VL038551.D

Acq: 5 Mar 2022 1:45

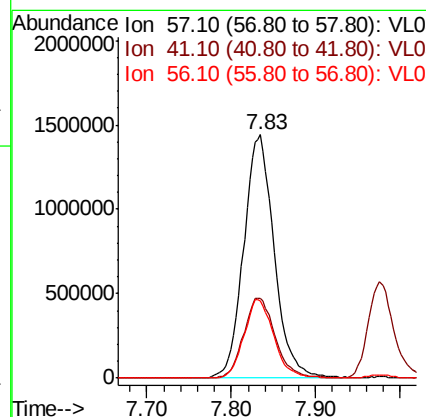
Tgt Ion: 57 Resp: 3631180

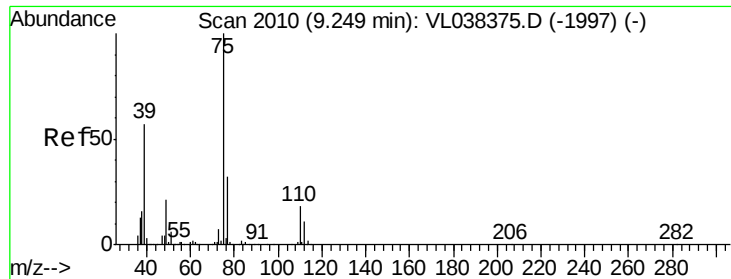
Ion Ratio Lower Upper

57 100

41 33.9 26.6 39.8

56 31.8 25.0 37.6



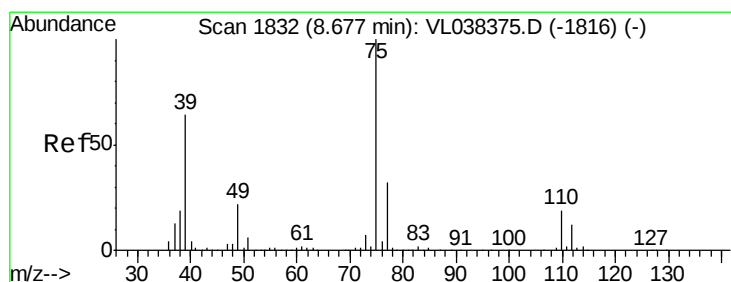
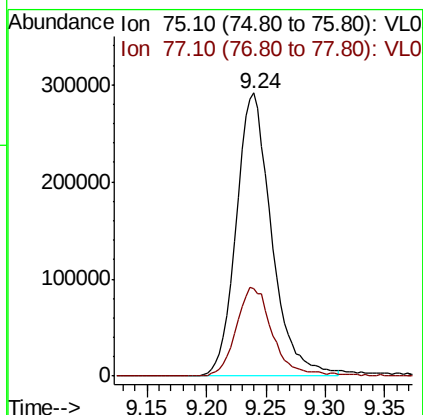
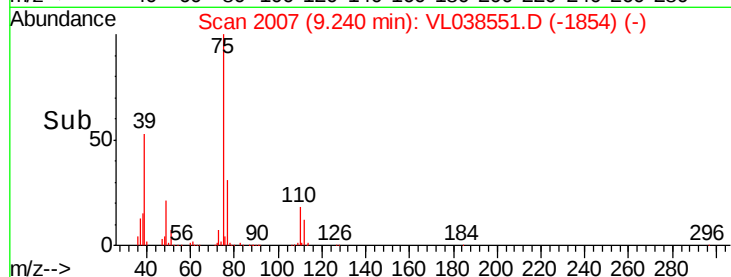
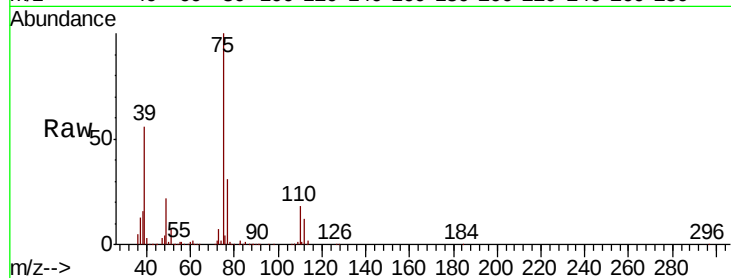


#45
t-1,3-Dichloropropene
Concen: 10.996 ppbv
RT: 9.24
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 Mar 2022 1:45
VSTDCCC010EC

Tot Ion:
Ion Ratio
75 100
77 30.

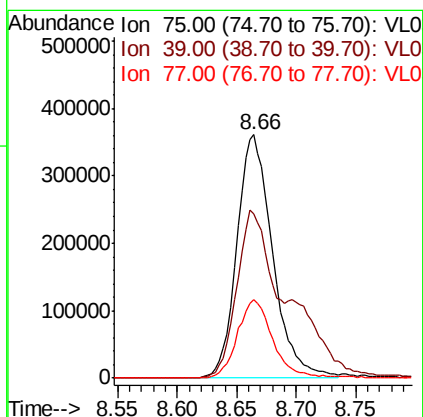
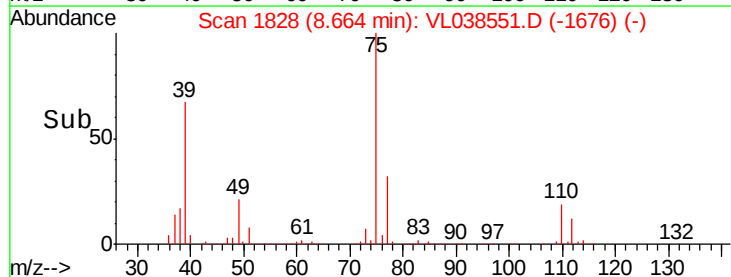
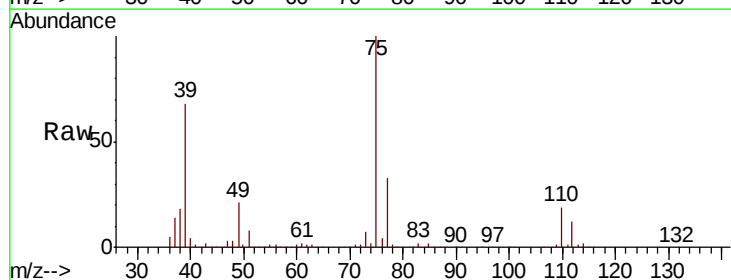
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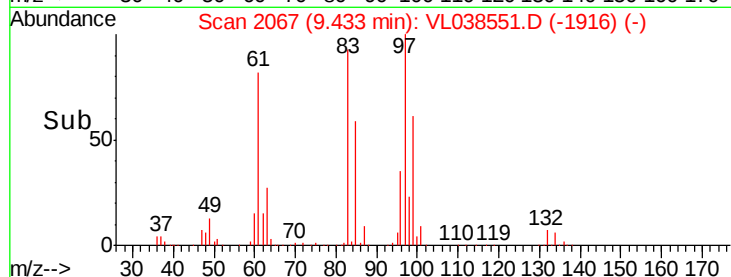
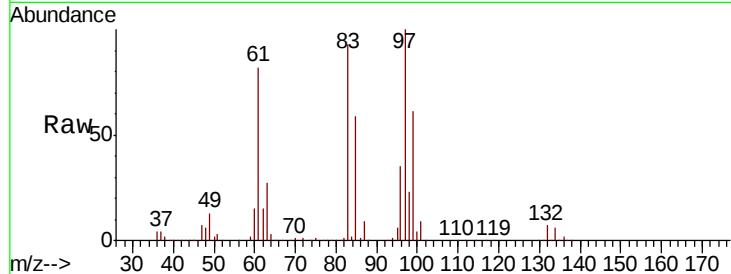
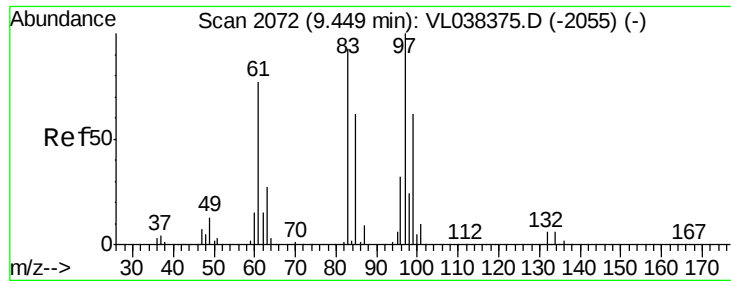
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#46
cis-1,3-Dichloropropene
Concen: 10.514 ppbv
RT: 8.66 min Scan# 1828
Delta R.T. -0.01 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion: 75 Resp: 752507
Ion Ratio Lower Upper
75 100
39 67.6 51.4 77.2
77 32.5 25.4 38.2



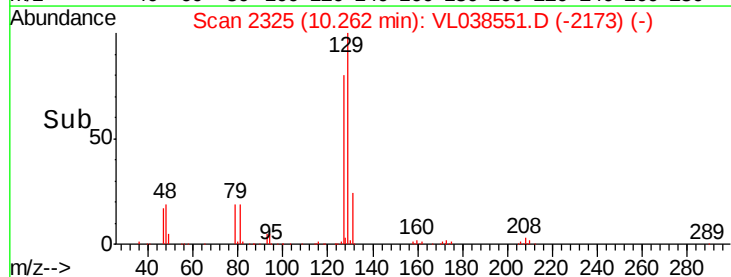
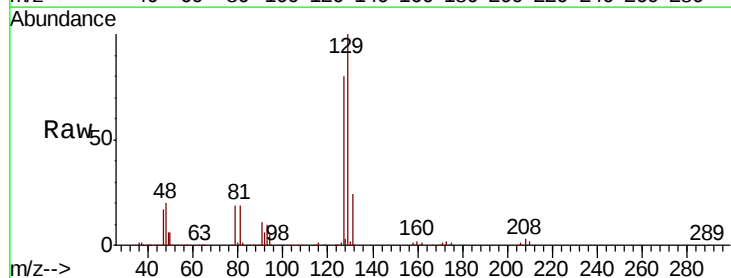
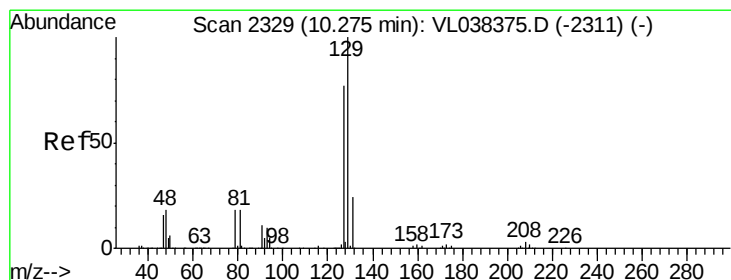
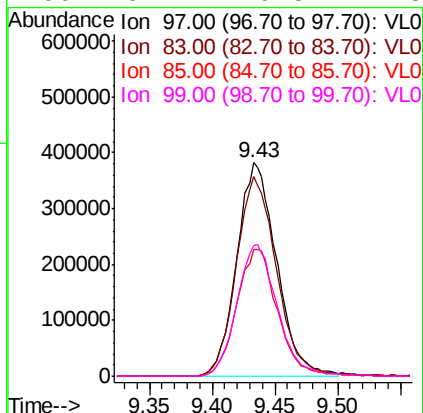


#47
1,1,2-Trichloroethane
Concen: 10.843 ppbv
RT: 9.43
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 5 Mar 2022 1:45

Tot Ion:
Ion Ratio
97 100
83 93.
85 59.
99 61.2 49.5 74.3

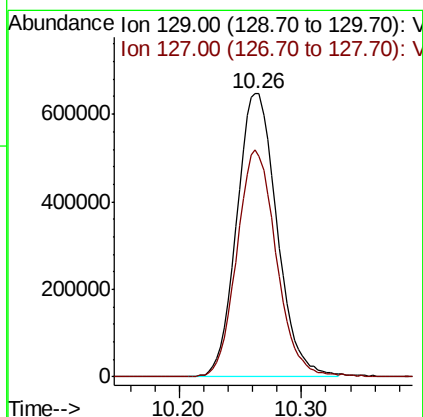
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APPROVED

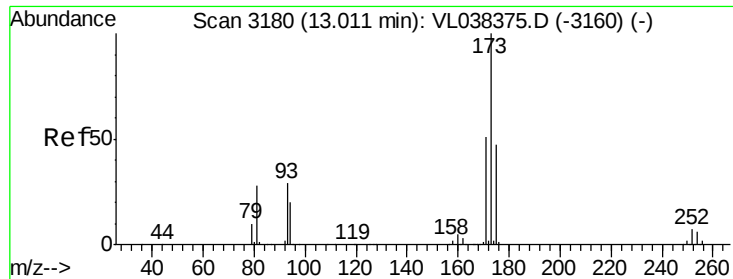
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#48
Dibromochloromethane
Concen: 11.583 ppbv
RT: 10.26 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion:129 Resp: 1475190
Ion Ratio Lower Upper
129 100
127 79.0 39.4 118.1





#49

Bromoform

Concen: 12.515 ppbv

RT: 13.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 Mar 2022 1:45

Tot Ion:1

Ion Ratio

173 100

175 49.

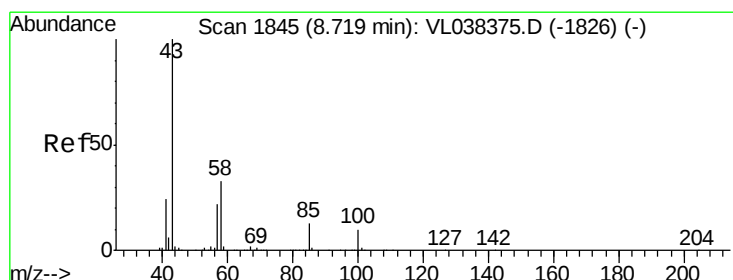
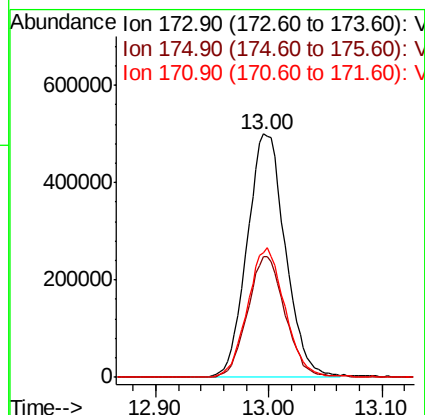
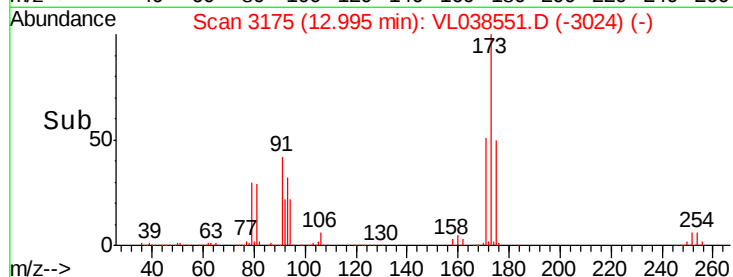
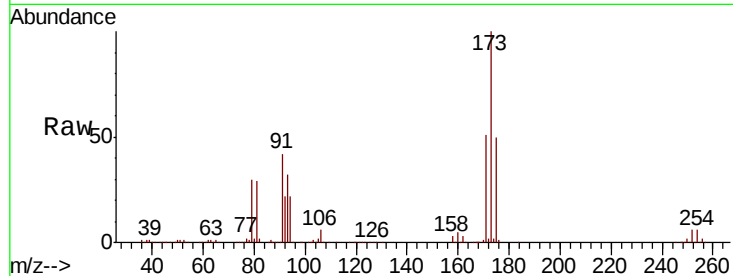
171 52.

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#50

4-Methyl-2-Pentanone

Concen: 11.839 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. -0.02 min

Lab File: VL038551.D

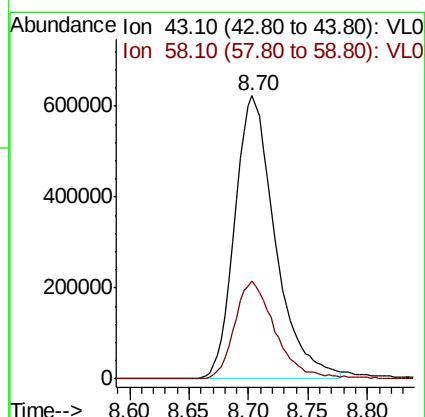
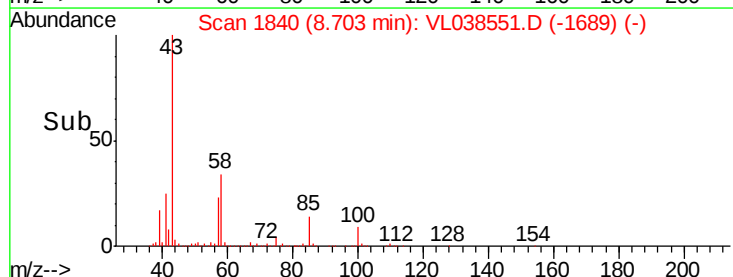
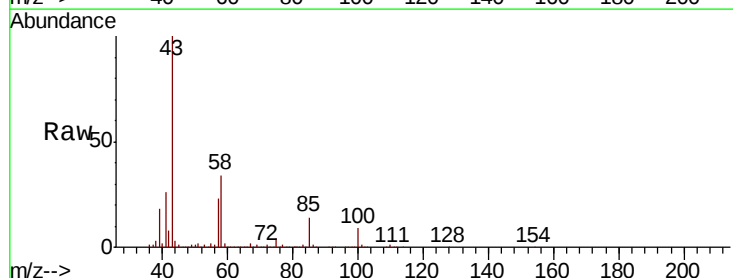
Acq: 5 Mar 2022 1:45

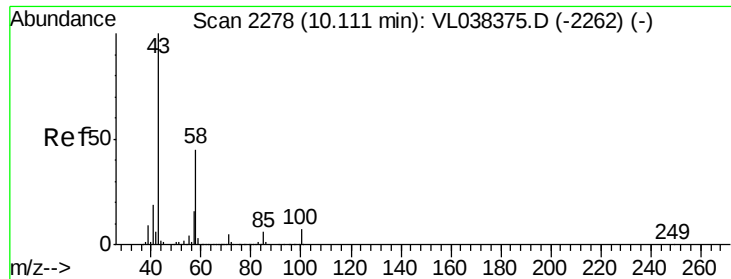
Tgt Ion: 43 Resp: 1469750

Ion Ratio Lower Upper

43 100

58 35.0 27.7 41.5



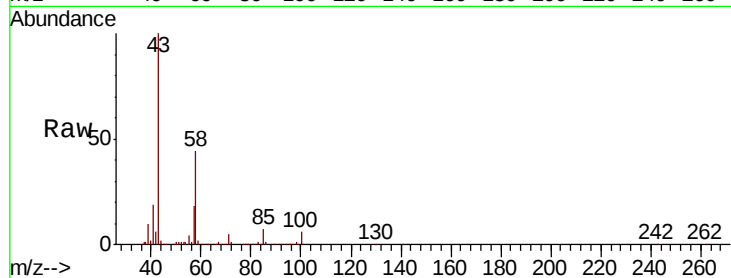


#51
2-Hexanone
Concen: 11.933 ppbv
RT: 10.10 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 5 Mar 2022 1:45

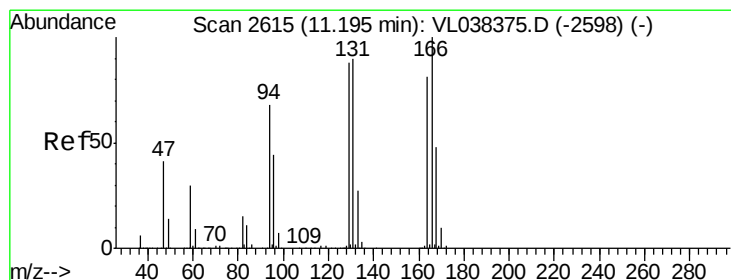
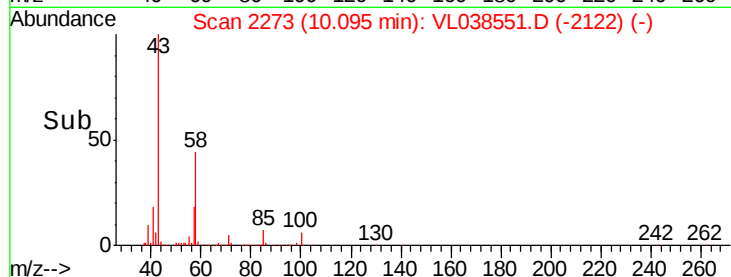
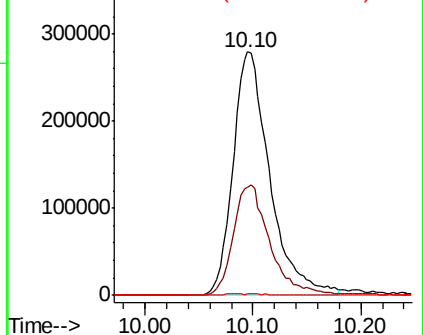
Tot Ion:
Ion Ratio
43 100
58 45.
98 0.

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Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022

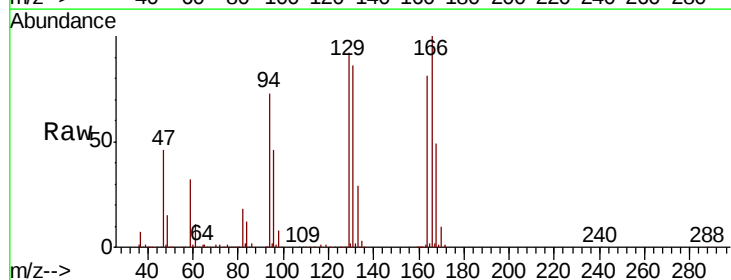


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

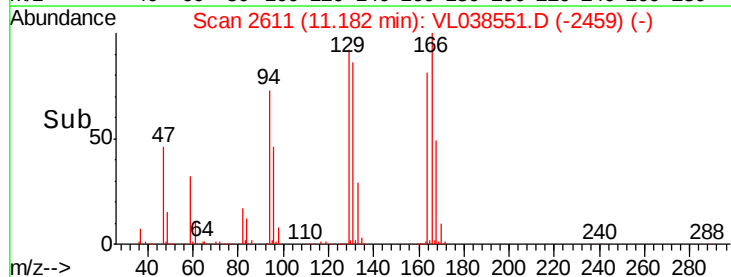
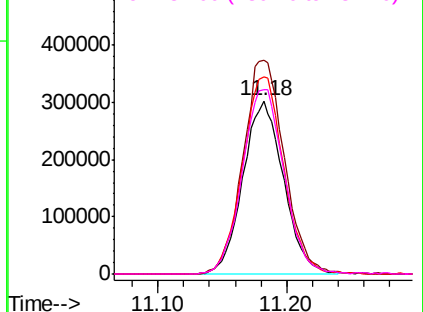


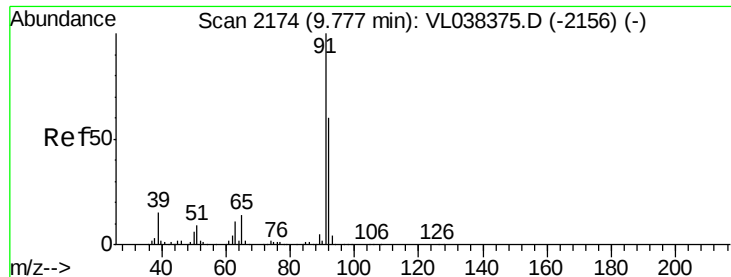
#52
Tetrachloroethene
Concen: 10.129 ppbv
RT: 11.18 min Scan# 2611
Delta R.T.: -0.01 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion:164 Resp: 660928
Ion Ratio Lower Upper
164 100
166 123.1 98.6 148.0
129 113.8 86.9 130.3
131 105.9 88.6 133.0



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 11.118 ppbv

RT: 9.76

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Mar 2022 1:45 VSTDCCC010EC

Tot Ion:

Ion Ratio

91 100

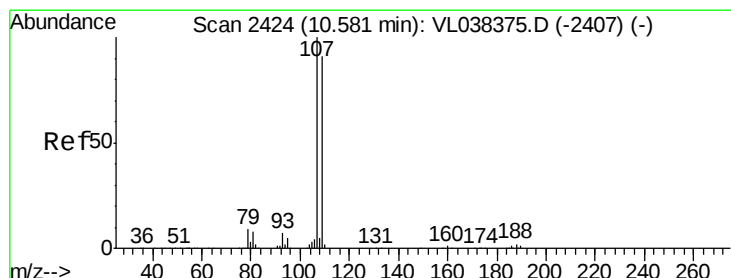
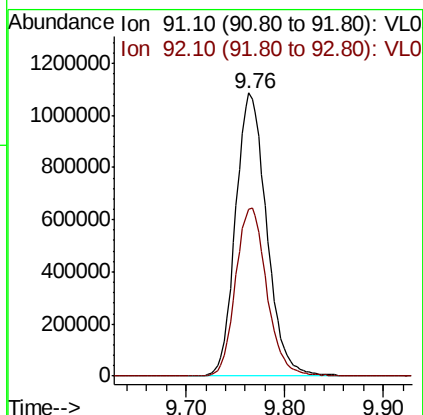
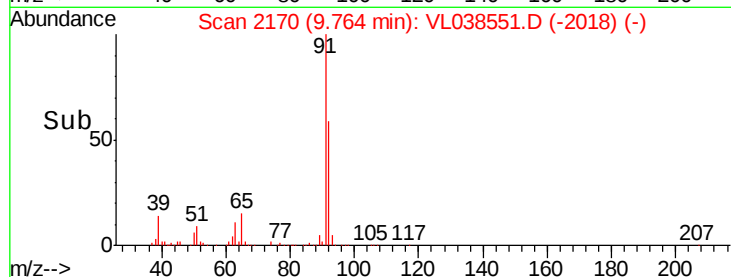
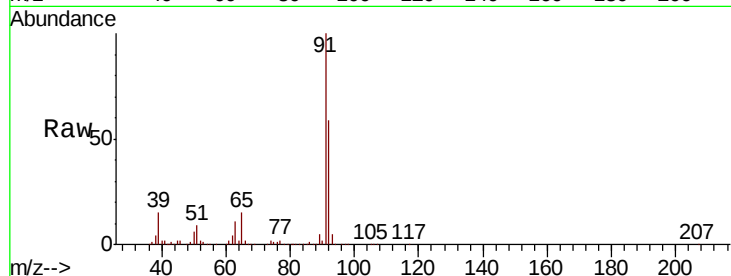
92 60.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#54

1,2-Dibromoethane

Concen: 11.424 ppbv

RT: 10.57 min Scan# 2421

Delta R.T. -0.01 min

Lab File: VL038551.D

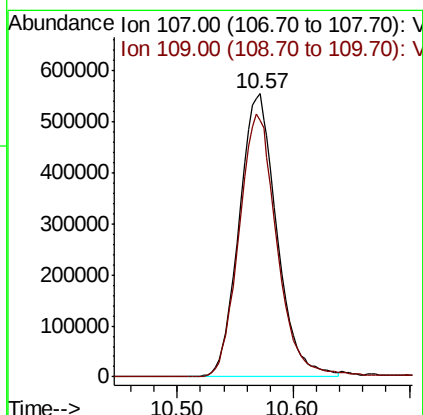
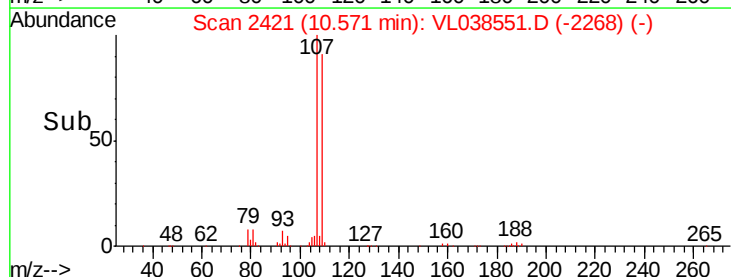
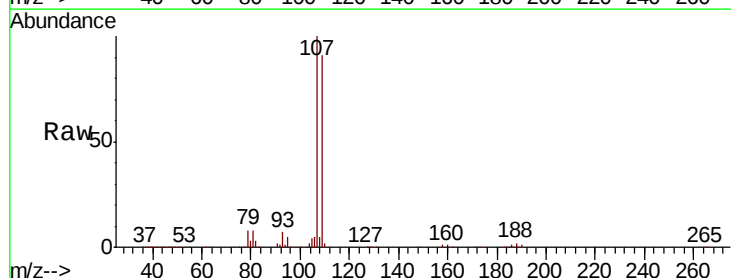
Acq: 5 Mar 2022 1:45

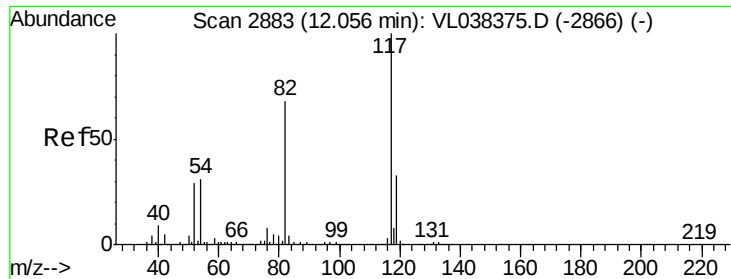
Tgt Ion:107 Resp: 1252573

Ion Ratio Lower Upper

107 100

109 90.7 73.0 109.6



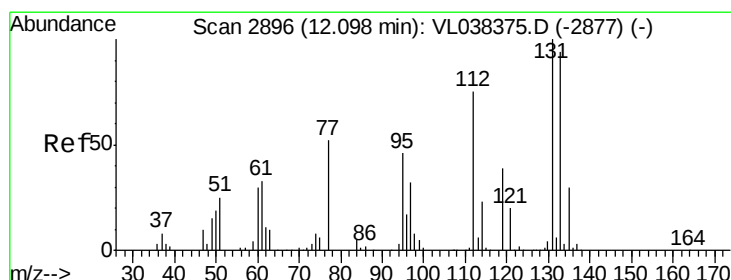
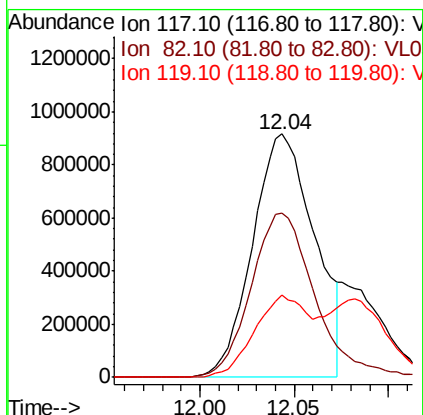
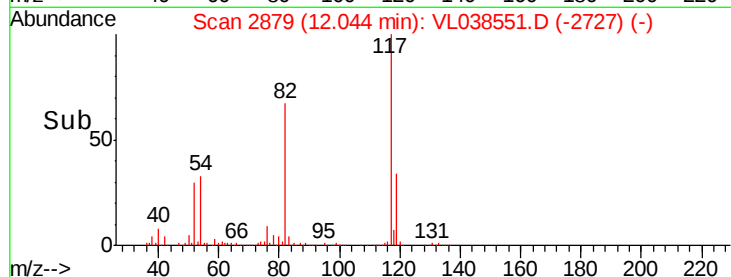
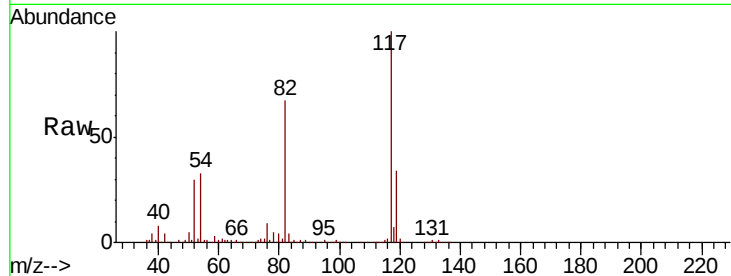


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.04 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 Mar 2022 1:45
VSTDCCC010EC

Tot Ion:1
Ion Rati
117 100
82 70.
119 32.

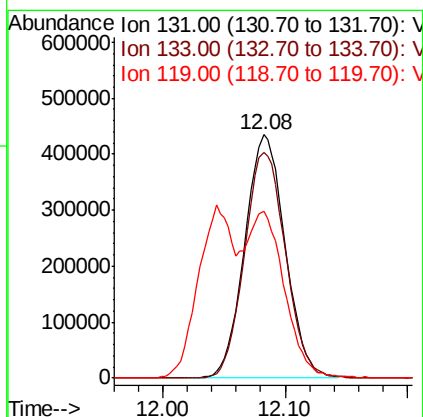
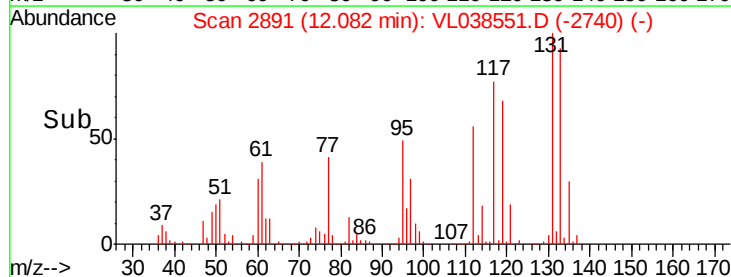
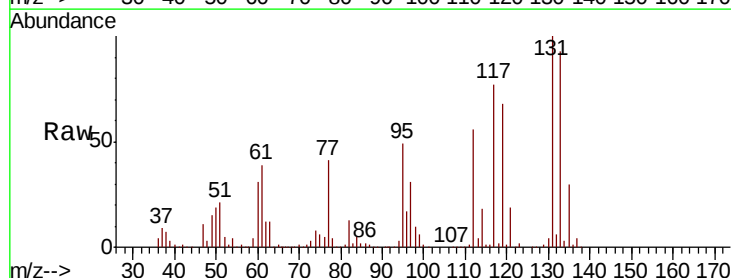
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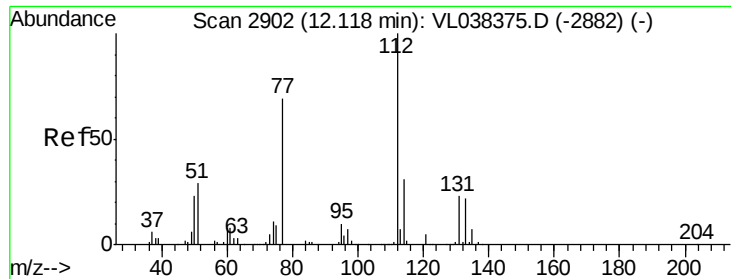
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 11.338 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.02 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion:131 Resp: 992071
Ion Ratio Lower Upper
131 100
133 95.0 77.3 115.9
119 69.1 48.6 73.0



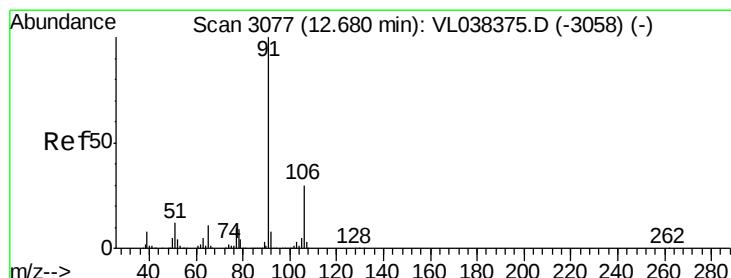
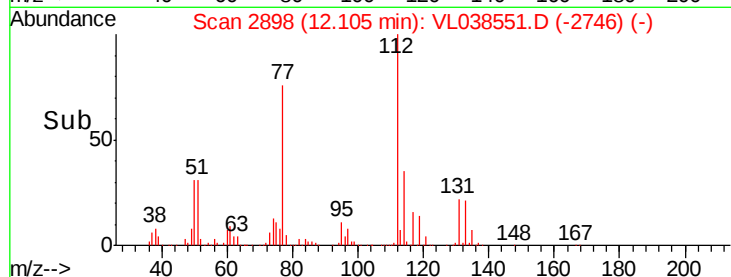
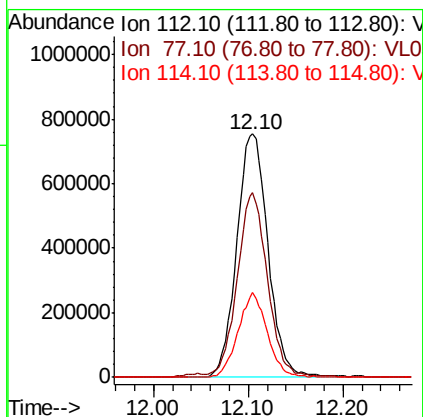
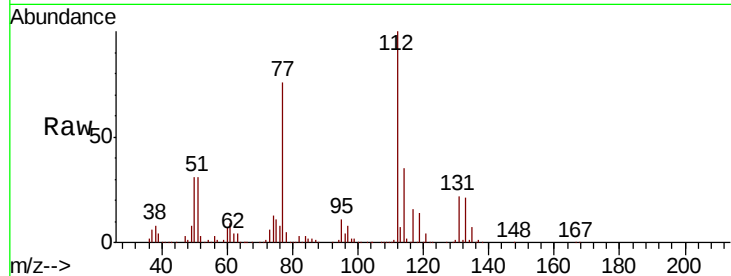


#57
Chlorobenzene
Concen: 10.681 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 5 Mar 2022 1:45

Tot Ion: 1
Ion Ratio
112 100
77 75.
114 34.

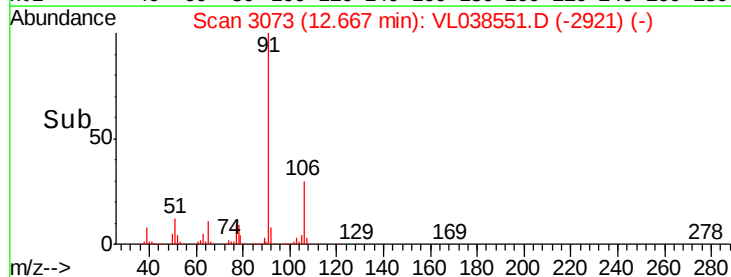
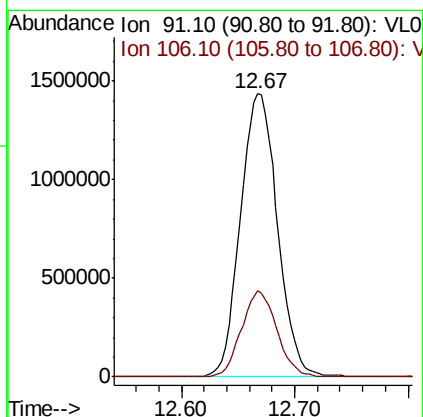
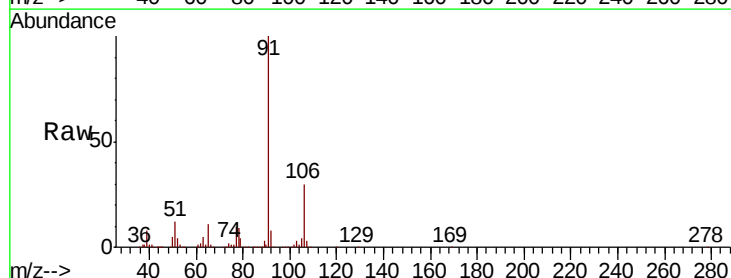
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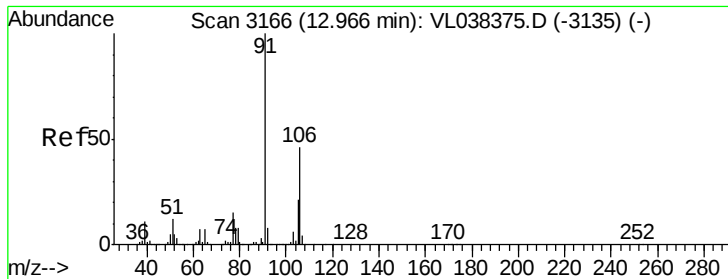
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#58
Ethyl Benzene
Concen: 11.372 ppbv
RT: 12.67 min Scan# 3073
Delta R.T. -0.01 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion: 91 Resp: 3264527
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0



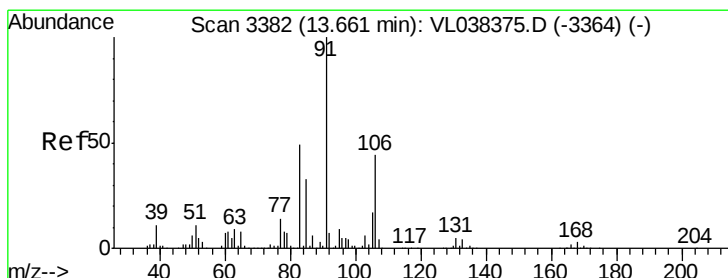
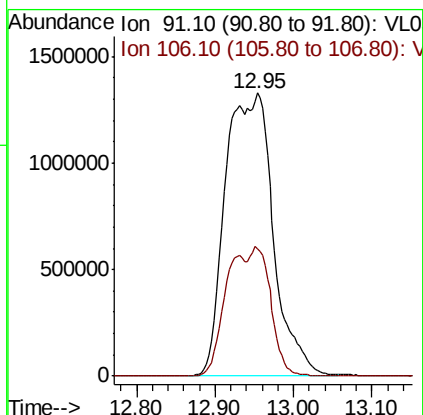
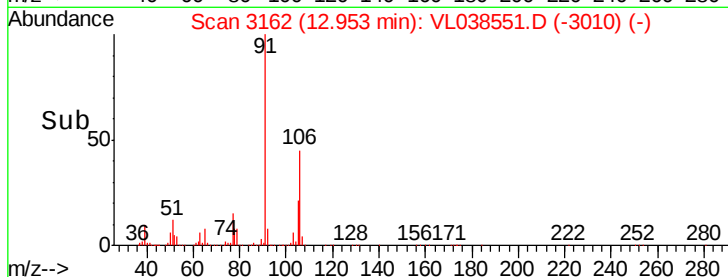
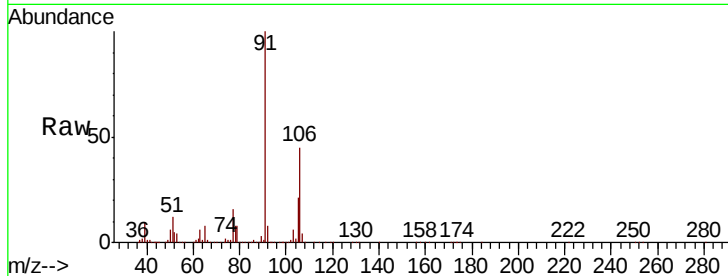


#59
m/p-Xylene
Concen: 22.801 ppbv m
RT: 12.95
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 5 Mar 2022 1:45

Tot Ion:
Ion Ratio
91 100
106 41.

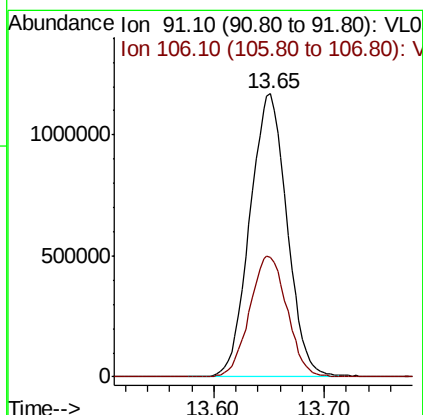
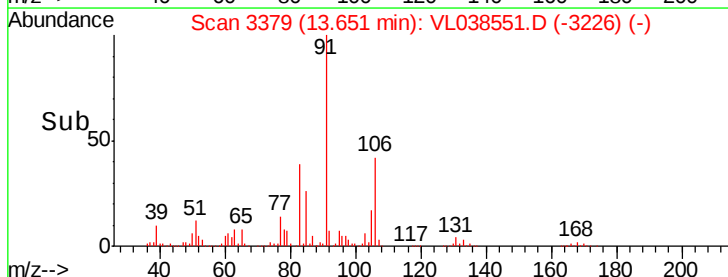
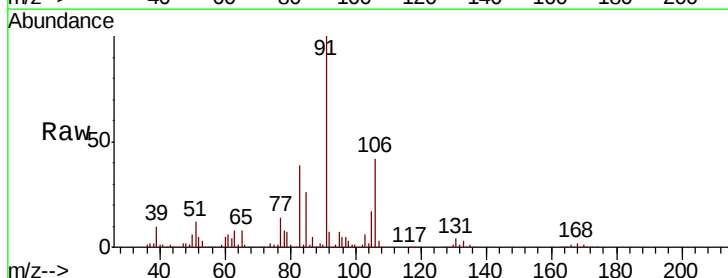
Manual Integrations
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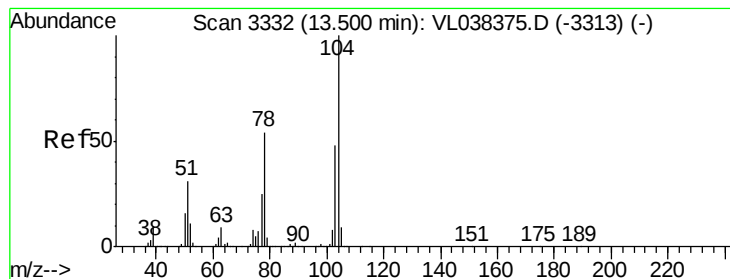
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#60
o-Xylene
Concen: 11.683 ppbv
RT: 13.65 min Scan# 3379
Delta R.T. -0.01 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion: 91 Resp: 2722695
Ion Ratio Lower Upper
91 100
106 43.2 21.9 65.5





#61

Stvrene

Concen: 12.430 ppbv

RT: 13.48

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 Mar 2022 1:45 VSTDCCC010EC

Tot Ion:1

Ion Rati

104 100

78 56.

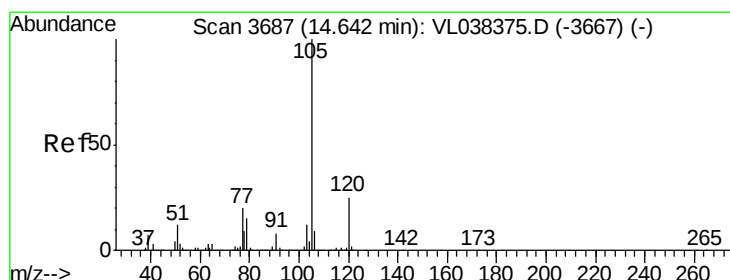
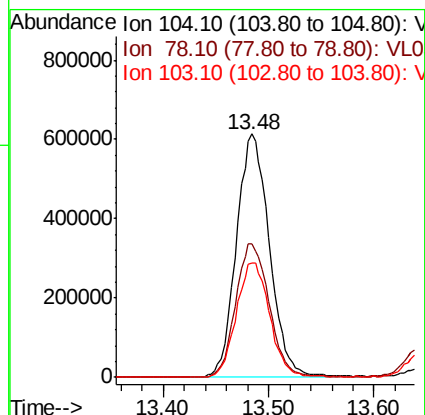
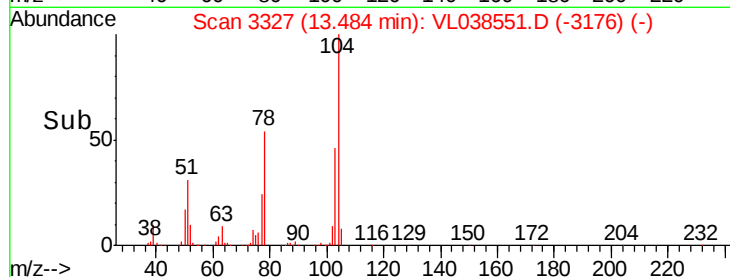
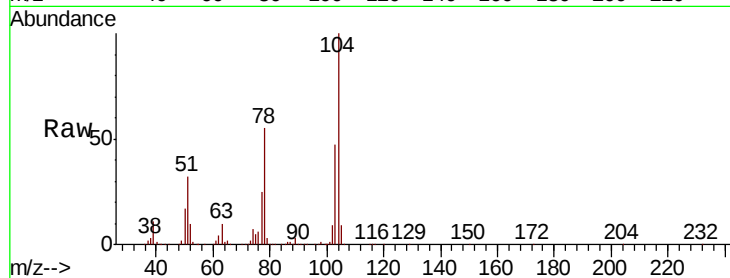
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#62

Isopropylbenzene

Concen: 11.371 ppbv

RT: 14.63 min Scan# 3682

Delta R.T. -0.02 min

Lab File: VL038551.D

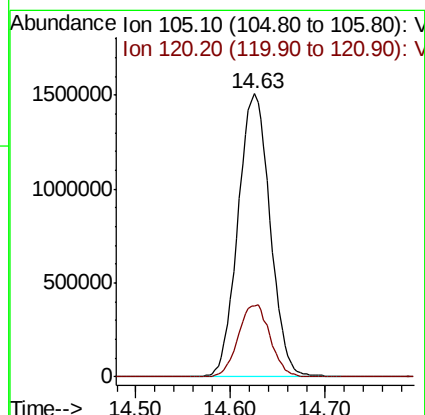
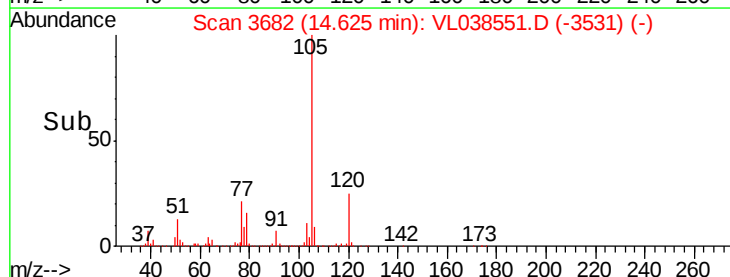
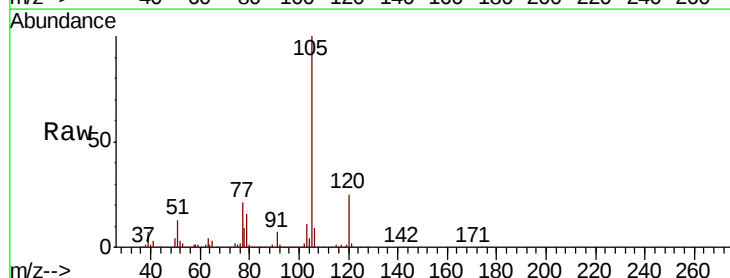
Acq: 5 Mar 2022 1:45

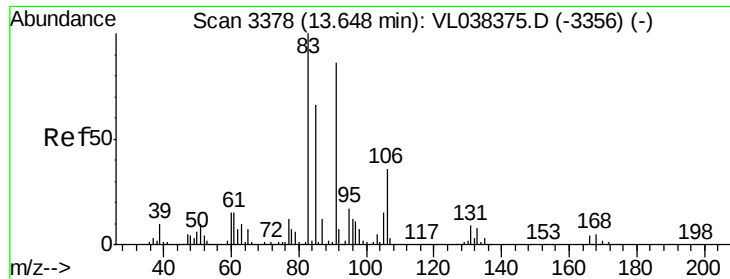
Tgt Ion:105 Resp: 3556728

Ion Ratio Lower Upper

105 100

120 25.5 20.6 30.8



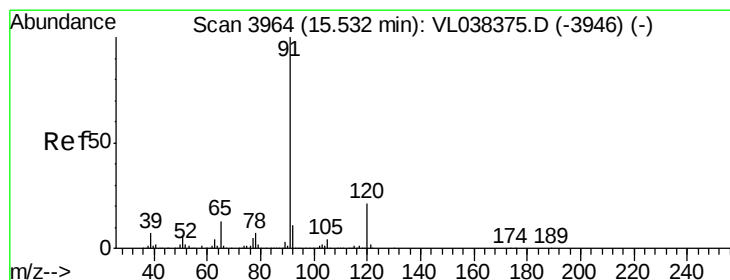
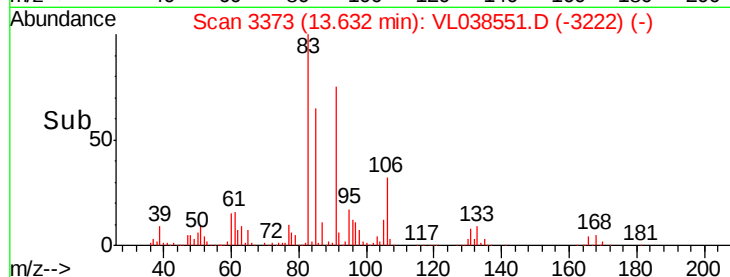
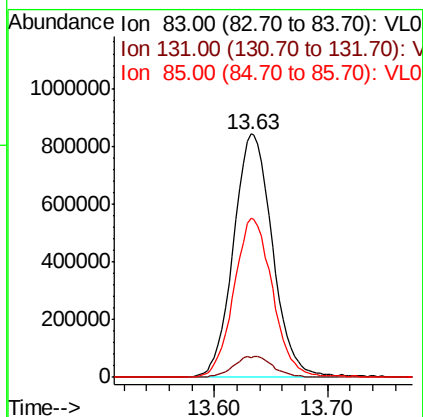
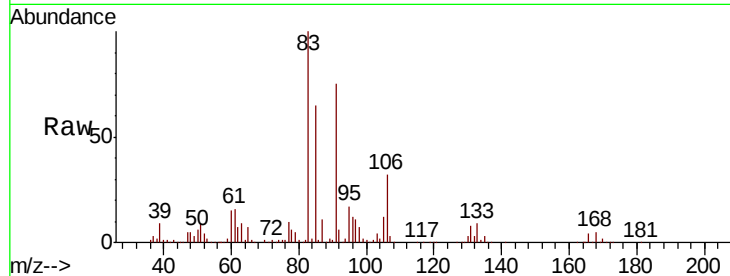


#63
 1,1,2,2-Tetrachloroethane
 Concen: 10.542 ppbv
 RT: 13.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 Mar 2022 1:45

Tot Ion:
 Ion Ratio
 83 100
 131 8.
 85 66.

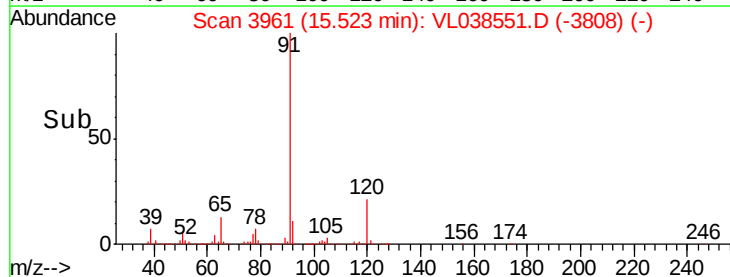
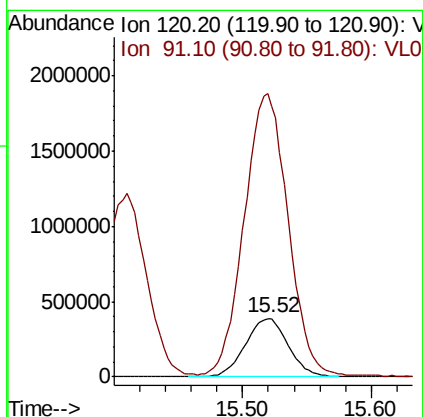
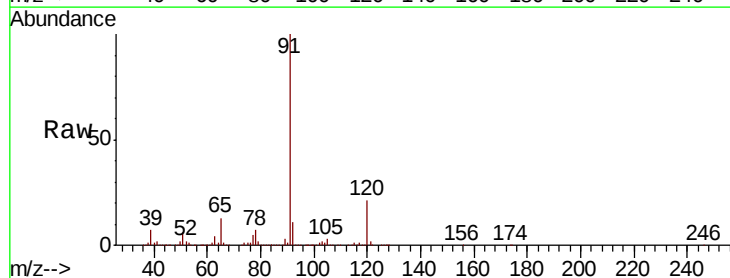
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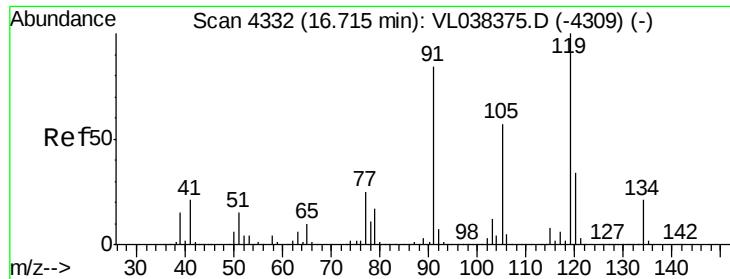
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#64
 n-propylbenzene
 Concen: 11.576 ppbv
 RT: 15.52 min Scan# 3961
 Delta R.T. -0.01 min
 Lab File: VL038551.D
 Acq: 5 Mar 2022 1:45

Tgt Ion:120 Resp: 896468
 Ion Ratio Lower Upper
 120 100
 91 501.5 388.1 582.1



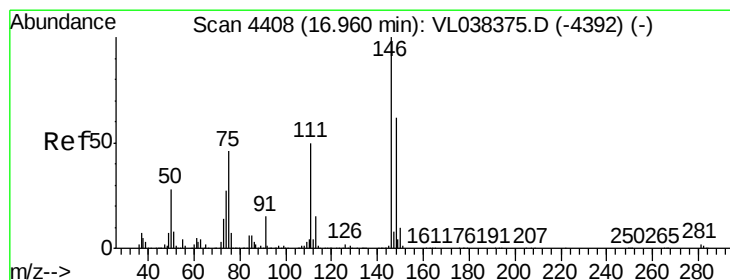
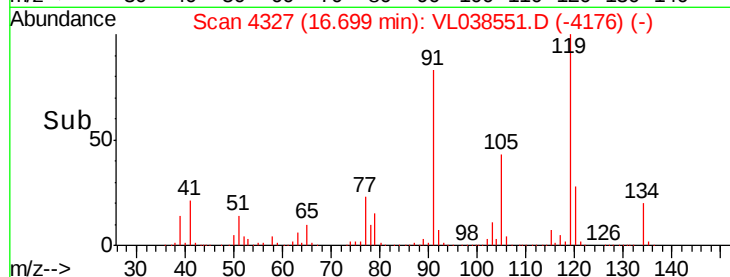
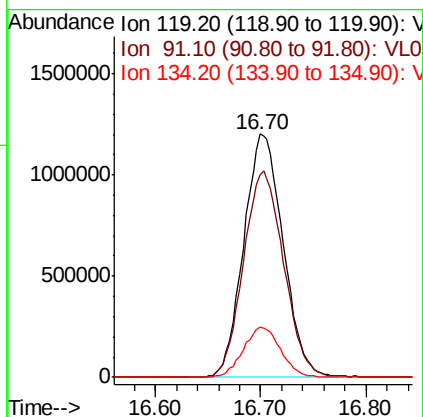
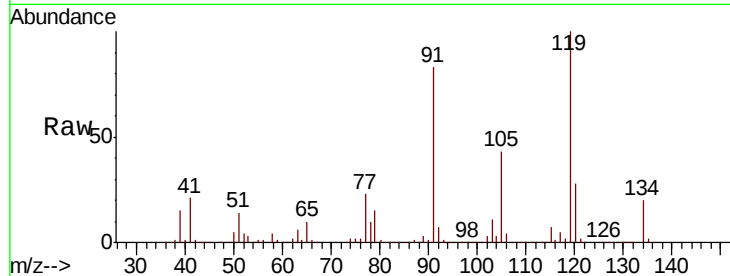


#65
tert-Butylbenzene
Concen: 11.515 ppbv
RT: 16.70 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 5 Mar 2022 1:45

Tot Ion: 1
Ion Ratio
119 100
91 87.
134 19.

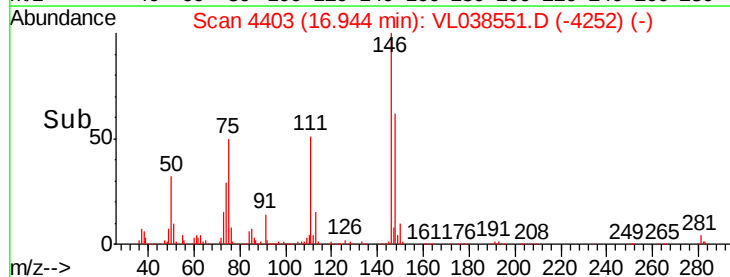
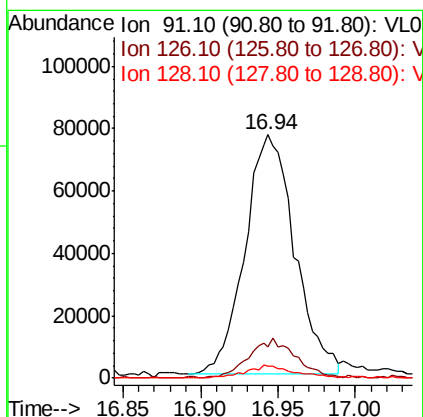
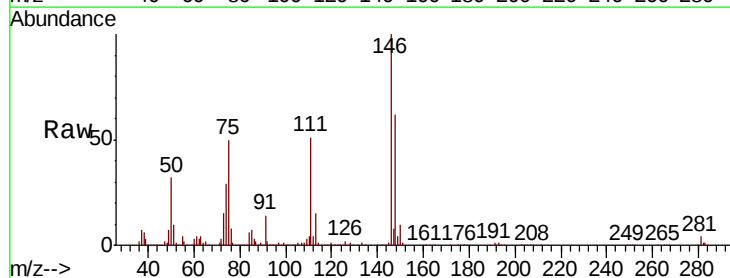
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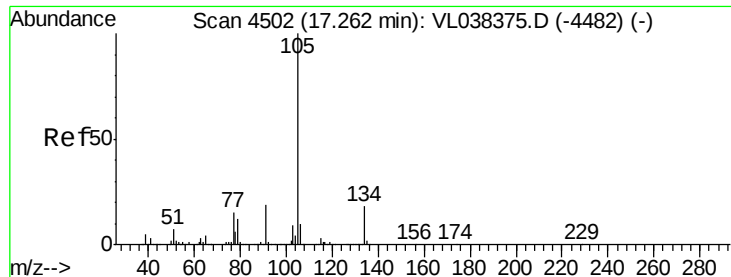
Reviewed By : Semsettin Yesilyurt 03/05/2022
Supervised By : Mahesh Dadoda 03/07/2022



#66
Benzyl Chloride
Concen: 11.779 ppbv
RT: 16.94 min Scan# 4403
Delta R.T.: -0.02 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion: 91 Resp: 172432
Ion Ratio Lower Upper
91 100
126 15.9 12.3 18.5
128 5.4 4.2 6.4





#67

sec-Butylbenzene

Concen: 11.534 ppbv

RT: 17.25

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 Mar 2022 1:45

Tot Ion:1

Ion Ratio

105 100

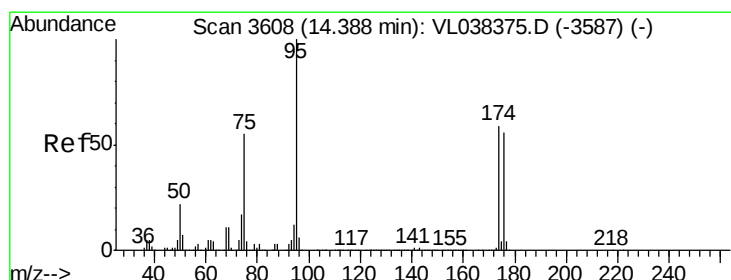
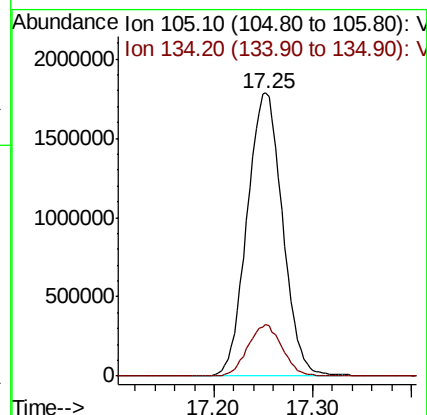
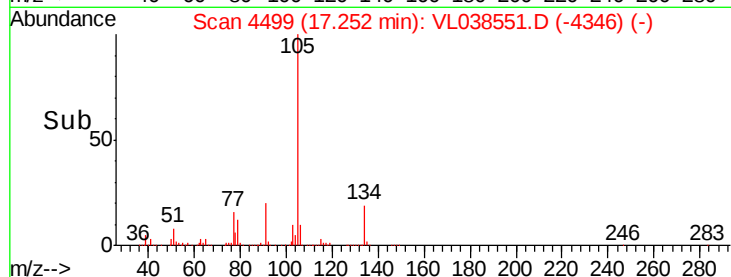
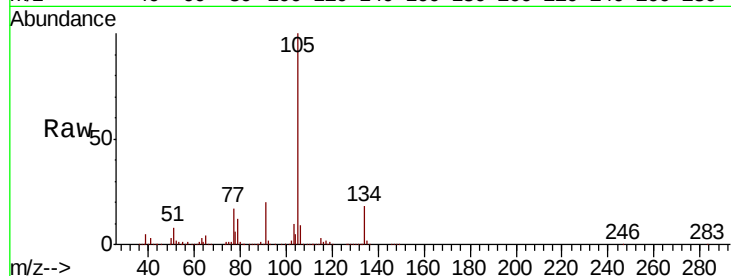
134 17.

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.363 ppbv

RT: 14.37 min Scan# 3603

Delta R.T. -0.02 min

Lab File: VL038551.D

Acq: 5 Mar 2022 1:45

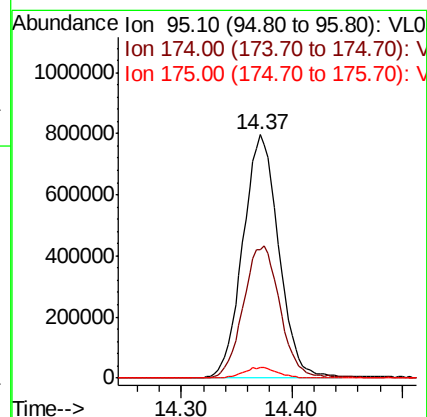
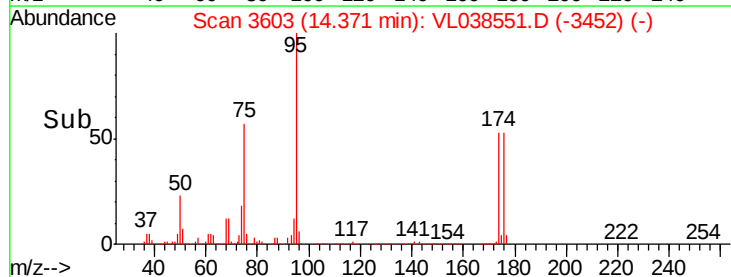
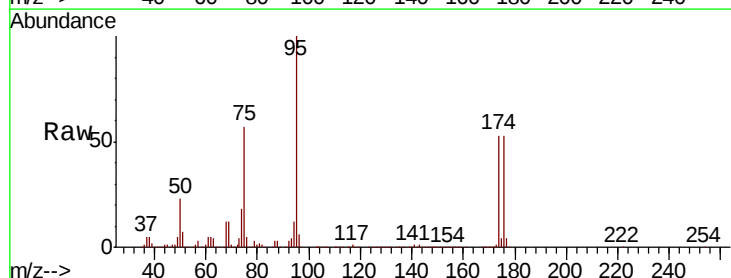
Tgt Ion: 95 Resp: 1799958

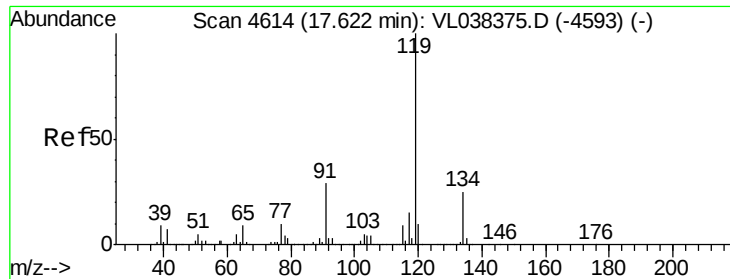
Ion Ratio Lower Upper

95 100

174 55.8 49.0 73.4

175 4.2 3.6 5.4



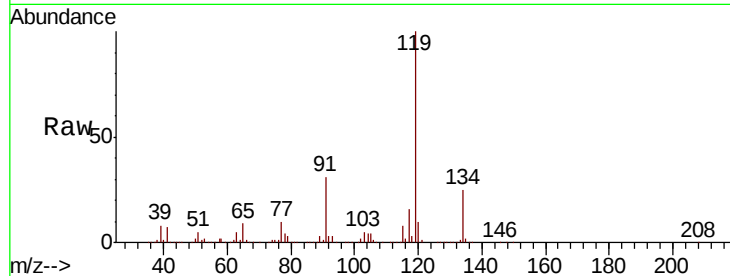


#69
 p-Isopropyltoluene
 Concen: 11.927 ppbv
 RT: 17.61 min
 Delta R.T.: 0.01 min
 Lab File: VSTDCC010EC
 Acq: 5 Mar 2022 1:45

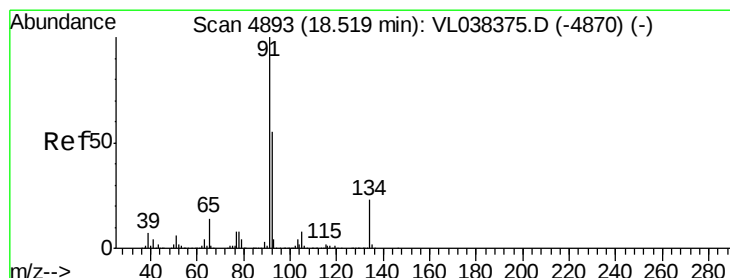
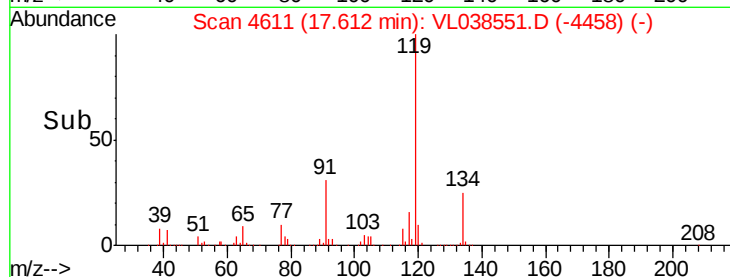
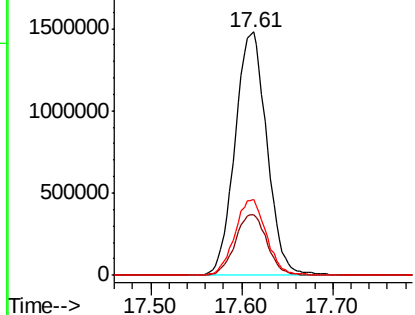
Tot Ion: 1
 Ion Ratio
 119 100
 134 25.1
 91 30.1

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Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/07/2022

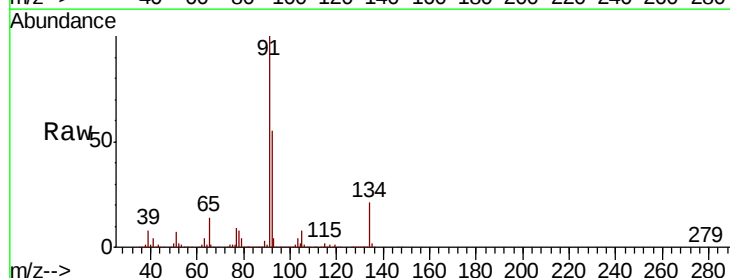


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

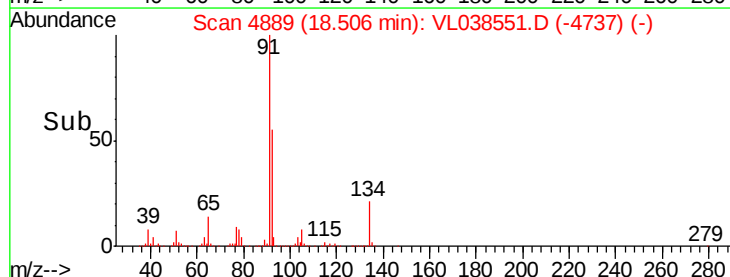
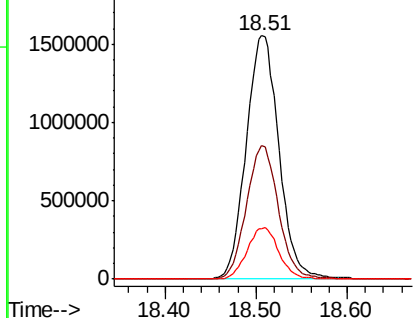


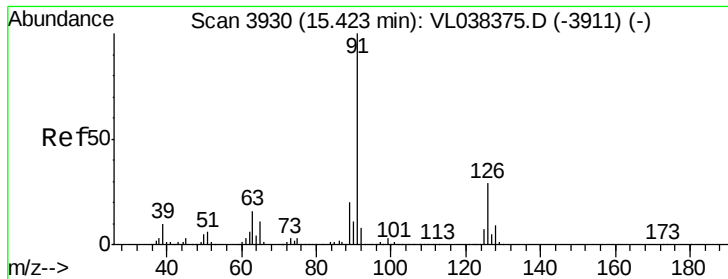
#70
 n-Butylbenzene
 Concen: 12.454 ppbv
 RT: 18.51 min Scan# 4889
 Delta R.T.: -0.01 min
 Lab File: VL038551.D
 Acq: 5 Mar 2022 1:45

Tgt Ion: 91 Resp: 3885809
 Ion Ratio Lower Upper
 91 100
 92 53.7 43.1 64.7
 134 20.8 17.4 26.0



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



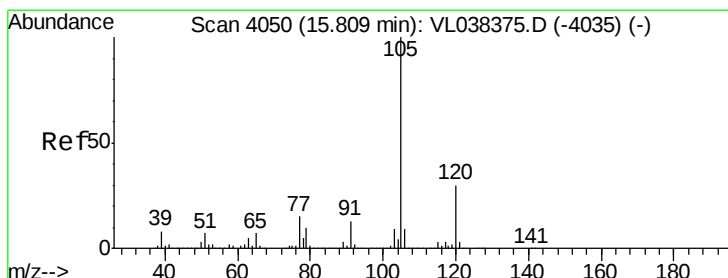
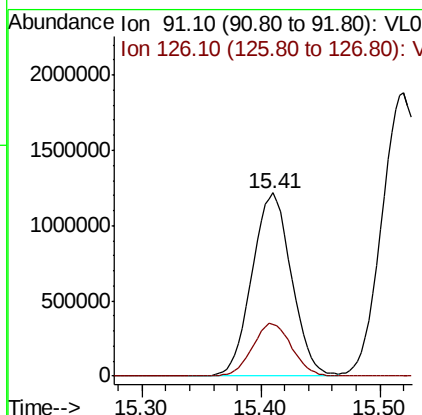
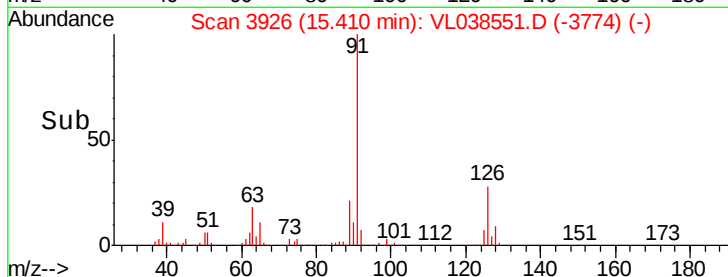
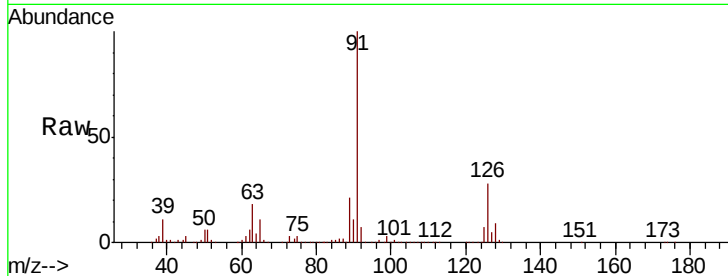


#71
 2-Chlorotoluene
 Concen: 11.627 ppbv
 RT: 15.41
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 5 Mar 2022 1:45

Tot Ion:
 Ion Ratio
 91 100
 126 28.

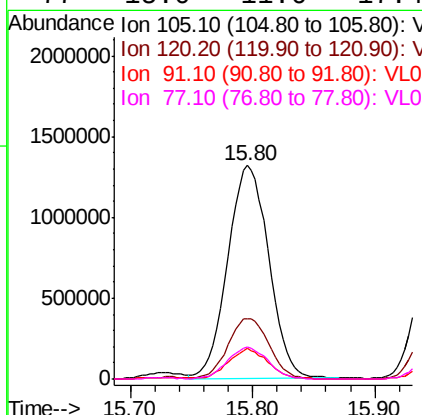
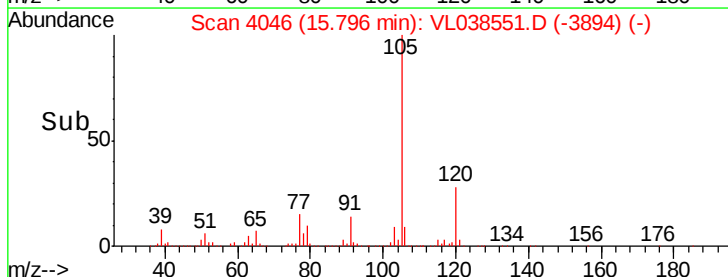
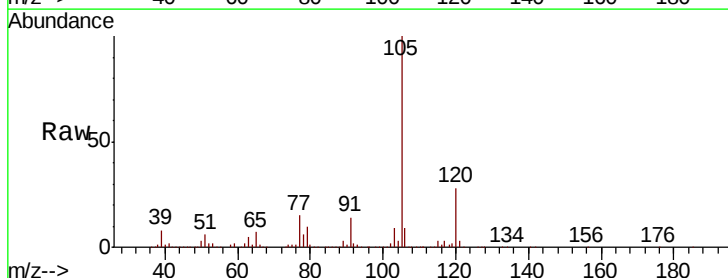
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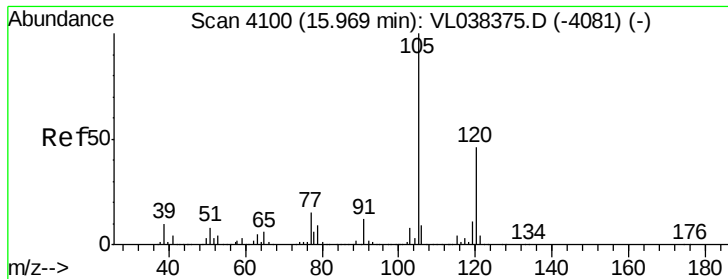
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#72
 4-Ethyltoluene
 Concen: 11.974 ppbv
 RT: 15.80 min Scan# 4046
 Delta R.T. -0.01 min
 Lab File: VL038551.D
 Acq: 5 Mar 2022 1:45

Tgt Ion:105 Resp: 3074624
 Ion Ratio Lower Upper
 105 100
 120 28.8 23.4 35.2
 91 13.6 10.4 15.6
 77 15.0 11.6 17.4



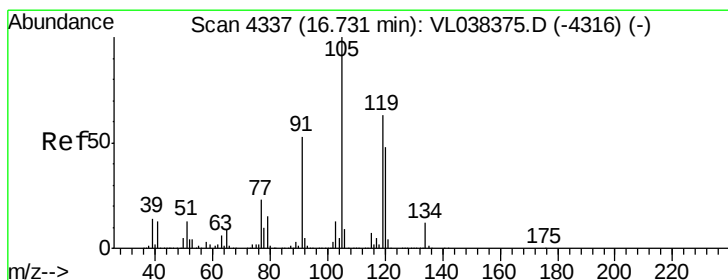
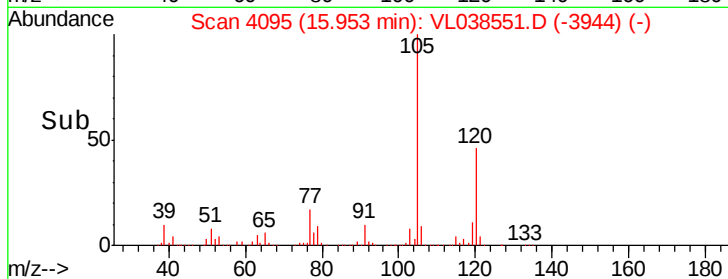
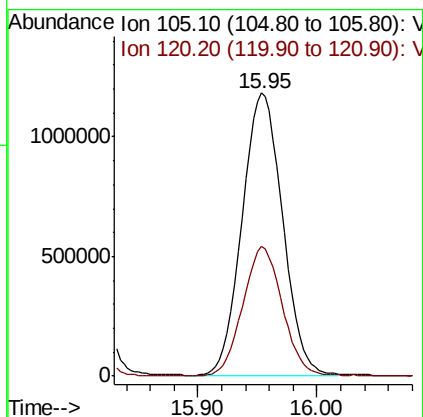
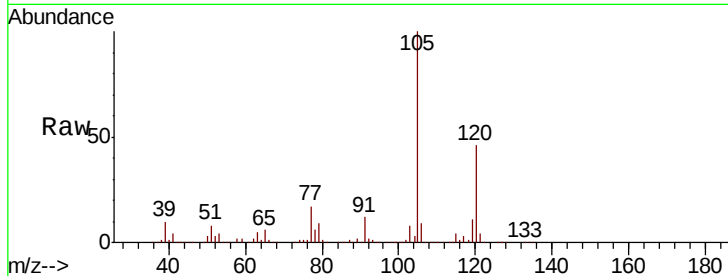


#73
 1,3,5-Trimethylbenzene
 Concen: 11.903 ppbv
 RT: 15.95 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 Mar 2022 1:45

Tot Ion:1
 Ion Rati
 105 100
 120 46.

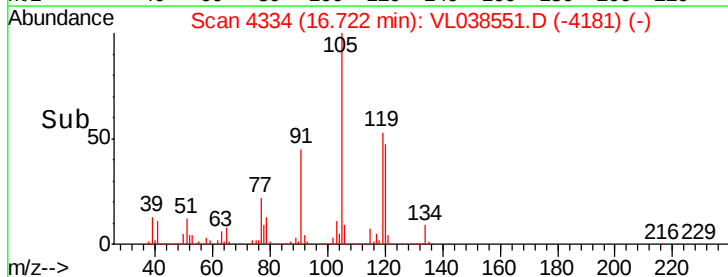
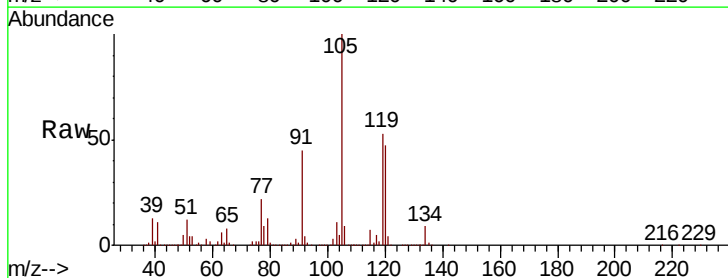
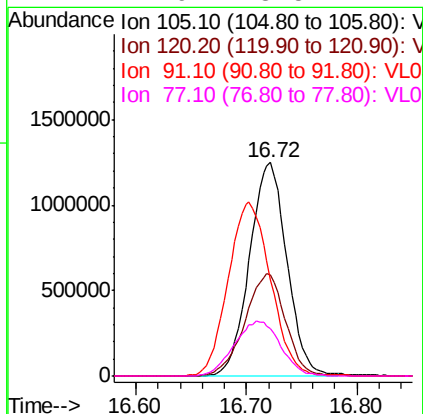
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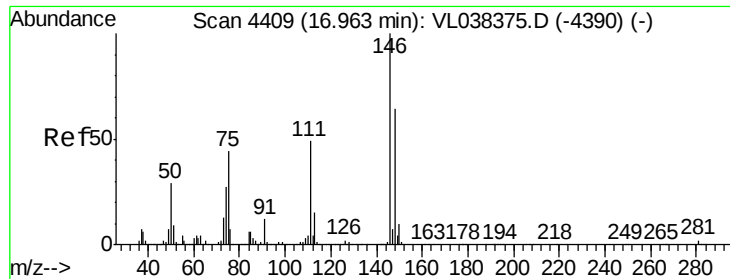
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 11.887 ppbv
 RT: 16.72 min Scan# 4334
 Delta R.T. -0.01 min
 Lab File: VL038551.D
 Acq: 5 Mar 2022 1:45

Tgt Ion:105 Resp: 2926563
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.2 57.4
 91 44.8 42.7 64.1
 77 21.9 18.5 27.7



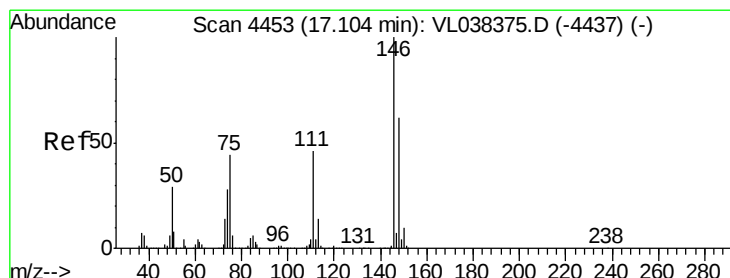
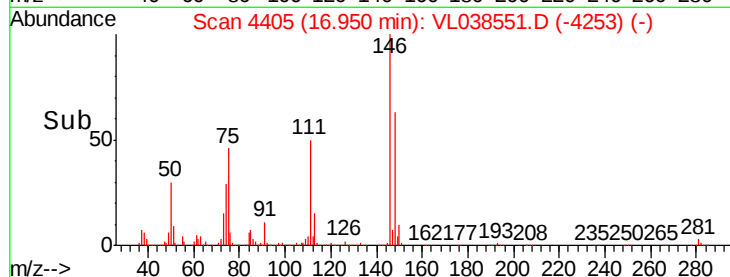
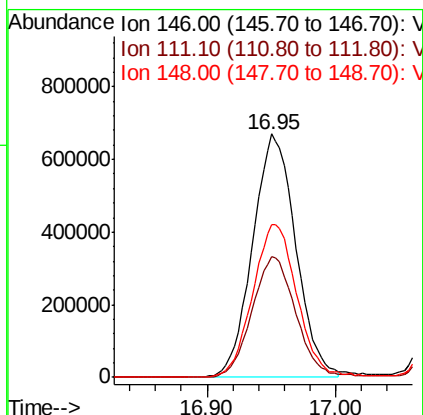
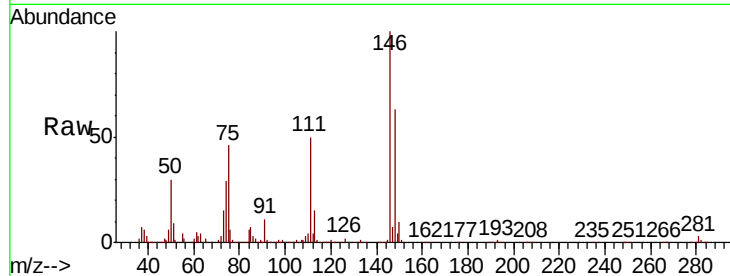


#75
 1,3-Dichlorobenzene
 Concen: 11.326 ppbv
 RT: 16.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 5 Mar 2022 1:45

Tot Ion:1
 Ion Rati
 146 100
 111 50.
 148 64.

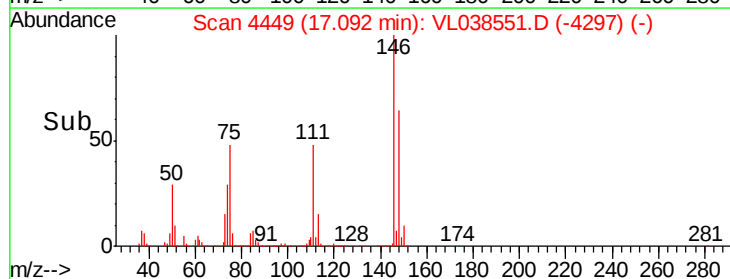
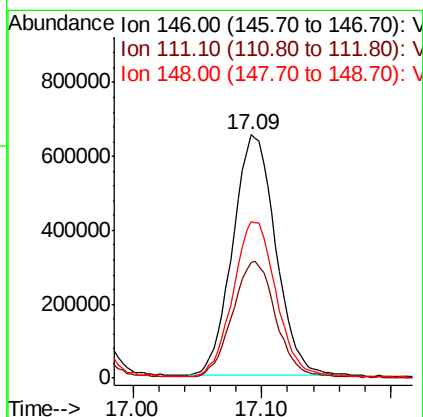
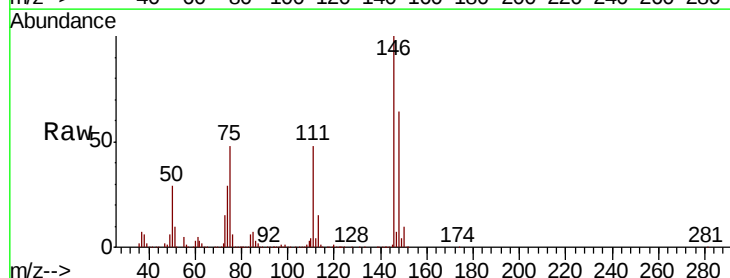
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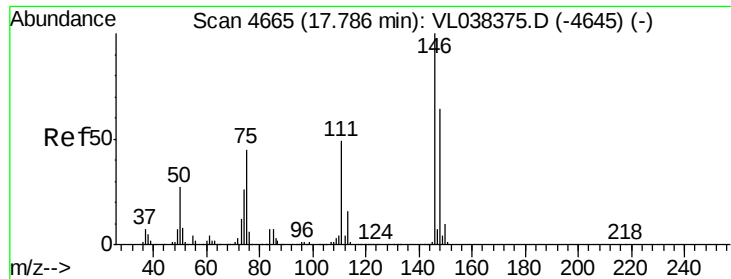
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#76
 1,4-Dichlorobenzene
 Concen: 11.140 ppbv
 RT: 17.09 min Scan# 4449
 Delta R.T. -0.01 min
 Lab File: VL038551.D
 Acq: 5 Mar 2022 1:45

Tgt Ion:146 Resp: 1514721
 Ion Ratio Lower Upper
 146 100
 111 49.2 24.1 72.2
 148 66.4 32.8 98.4



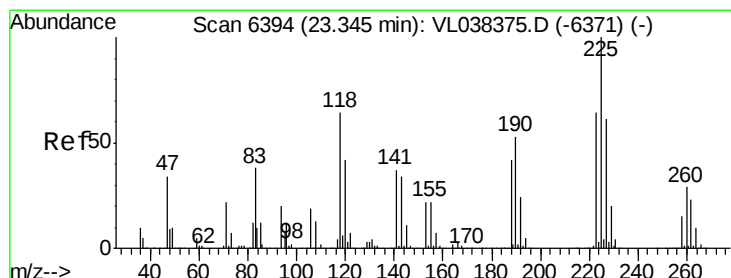
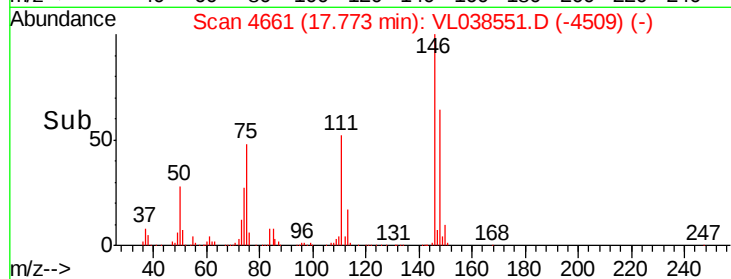
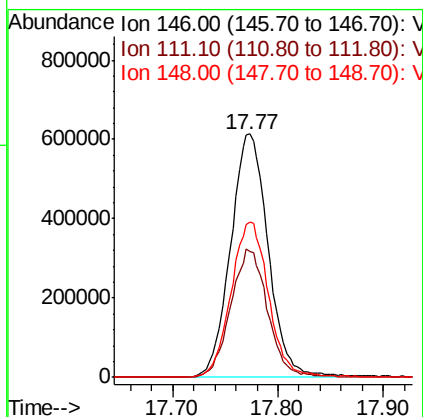
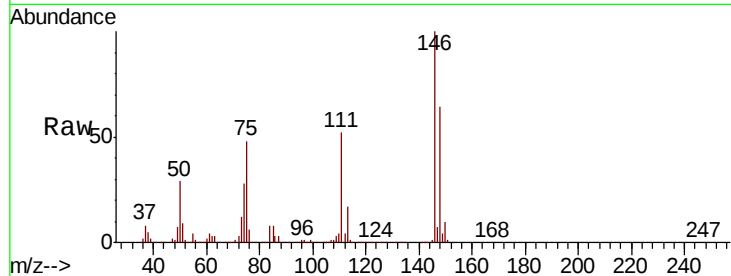


#77
 1,2-Dichlorobenzene
 Concen: 11.326 ppbv
 RT: 17.77 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 Mar 2022 1:45

Tot Ion:1
 Ion Rati
 146 100
 111 52.
 148 64.

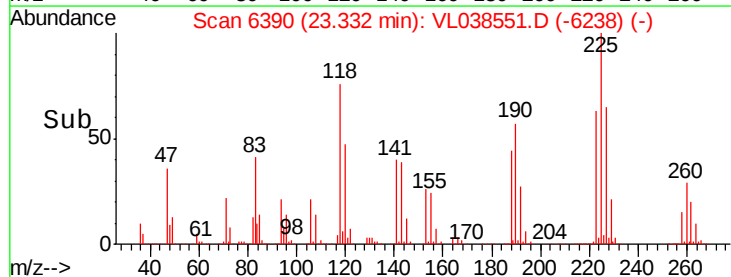
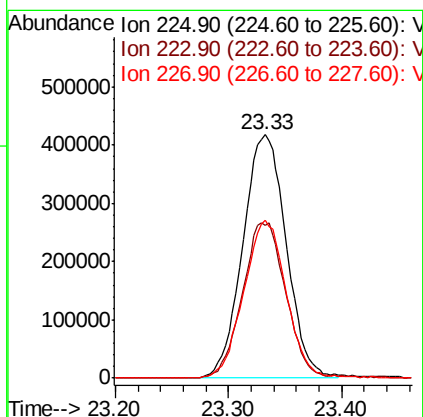
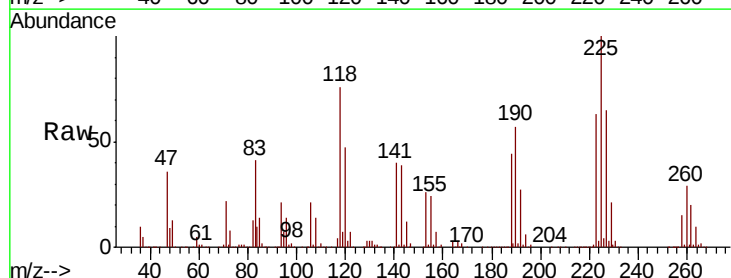
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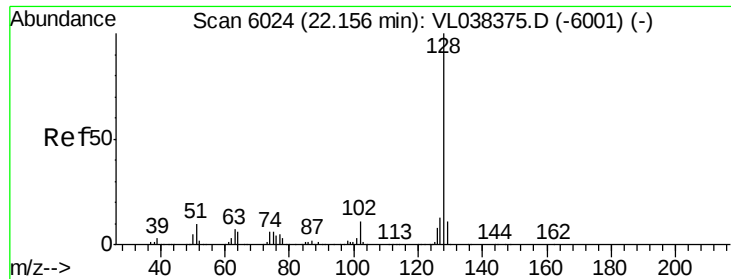
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 11.007 ppbv
 RT: 23.33 min Scan# 6390
 Delta R.T. -0.01 min
 Lab File: VL038551.D
 Acq: 5 Mar 2022 1:45

Tgt Ion:225 Resp: 1114233
 Ion Ratio Lower Upper
 225 100
 223 64.5 52.0 78.0
 227 63.8 51.6 77.4



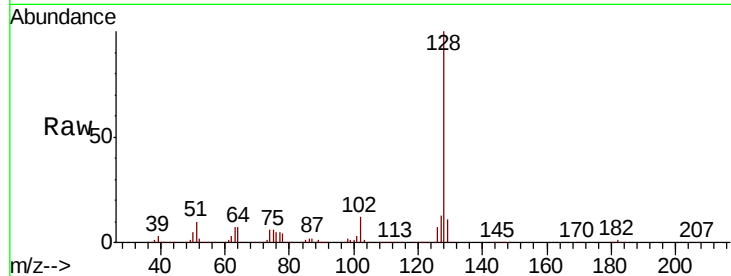


#79
Naphthalene
Concen: 14.491 ppbv
RT: 22.14 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 5 Mar 2022 1:45

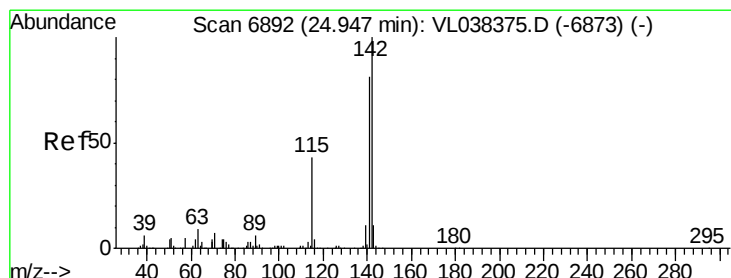
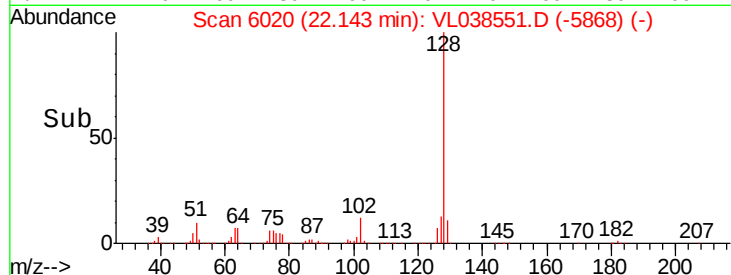
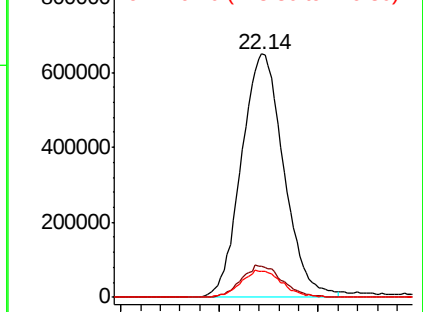
Tot Ion:1
Ion Rati
128 100
127 12.
129 10.

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Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022

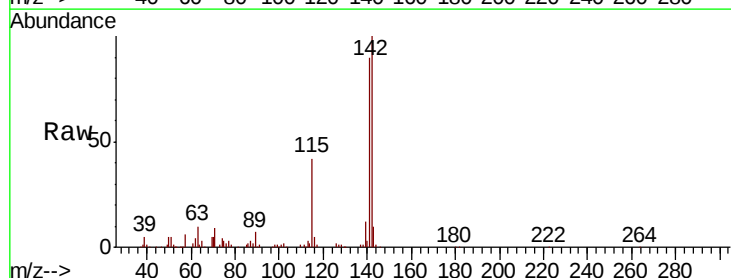


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

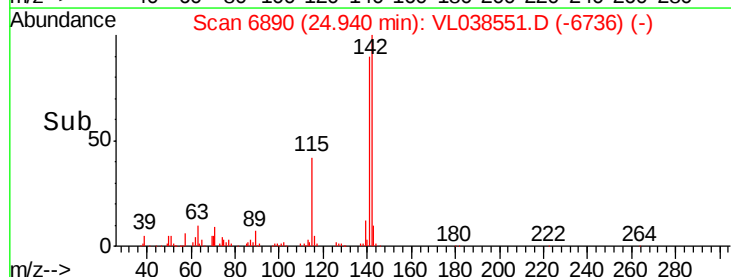
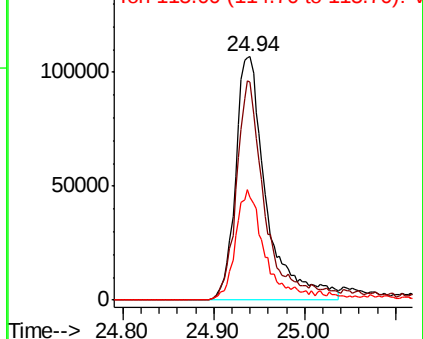


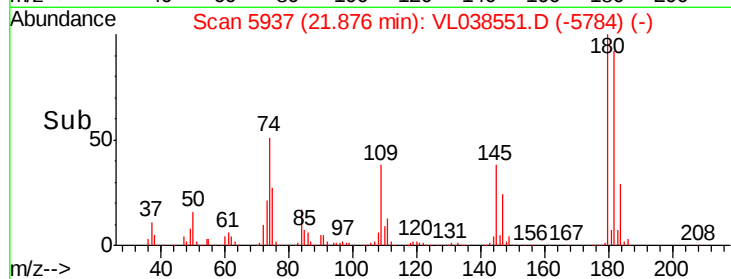
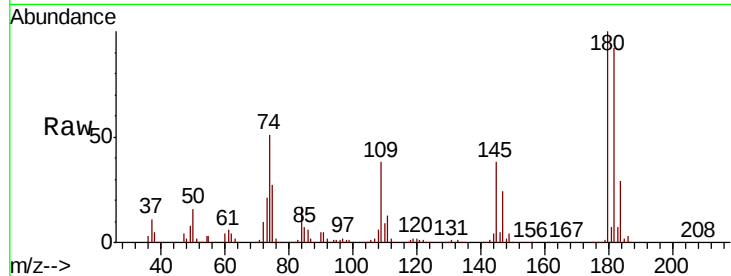
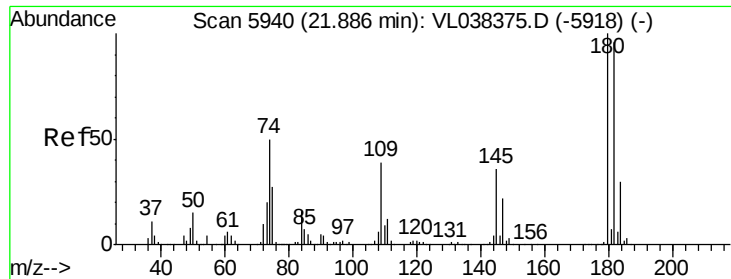
#80
Naphthalene, 2-methyl-
Concen: 9.632 ppbv
RT: 24.94 min Scan# 6890
Delta R.T.: -0.01 min
Lab File: VL038551.D
Acq: 5 Mar 2022 1:45

Tgt Ion:142 Resp: 251105
Ion Ratio Lower Upper
142 100
141 89.2 69.8 104.6
115 45.0 33.0 49.6



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: 13.211 ppbv
 RT: 21.88
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 5 Mar 2022 1:45

Tot Ion:1
 Ion Rati
 180 100
 182 97.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022

