

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038963.D
 Acq On : 5 May 2022 6:34
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Quant Time: May 05 07:37:21 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	1281623	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3074026	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2859178m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2288785	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	2350057	11.343	ppbv	99
3) Chlorodifluoromethane	2.99	51	2223551	9.854	ppbv	98
4) Chloromethane	3.14	50	1110928	13.254	ppbv	97
5) Vinyl Chloride	3.26	62	1094973	12.777	ppbv	99
6) Bromomethane	3.47	94	531697	11.624	ppbv	98
7) Chloroethane	3.56	64	381123	13.024	ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	2611435	13.262	ppbv	97
9) Propene	3.01	41	957714	12.942	ppbv	96
10) Heptane	8.11	43	2456102	12.960	ppbv	100
11) Trichlorofluoromethane	3.95	101	2531766	12.282	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1799568	13.504	ppbv	99
13) Ethanol	3.60	45	53523m	6.604	ppbv	
14) Bromoethene	3.74	108	778472	14.038	ppbv	97
15) Acetone	3.84	43	1778910	14.050	ppbv	100
16) 1,3-Butadiene	3.33	39	1021935	12.113	ppbv	100
17) tert-Butyl alcohol	4.28	59	1495910	14.035	ppbv	100
18) 1,1-Dichloroethene	4.29	96	797819	13.549	ppbv	98
19) Isopropyl Alcohol	3.95	45	933768	13.822	ppbv #	98
20) Methylene Chloride	4.34	84	652294	11.438	ppbv	98
21) Allyl Chloride	4.41	41	1328396	13.689	ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	871656	15.618	ppbv	97
23) Vinyl Acetate	5.07	43	1518305	7.897	ppbv	98
24) 1,1-Dichloroethane	5.01	63	1658464	11.196	ppbv	98
25) Ethyl Acetate	5.67	43	4233637	14.121	ppbv	100
26) Hexane	5.68	57	1830880	13.402	ppbv	98
27) Carbon Disulfide	4.55	76	2086321	15.488	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1536339	10.179	ppbv	100
29) Chloroform	5.74	83	3008964	13.557	ppbv	99
30) Cyclohexane	7.12	84	1541446	13.929	ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	1970205	14.760	ppbv	95
32) 1,1,1-Trichloroethane	6.50	97	3099050	13.866	ppbv	99
34) 2-Butanone	5.24	43	2225636	14.586	ppbv	99
35) Carbon Tetrachloride	7.01	117	3176214	13.475	ppbv	96
36) Benzene	6.88	78	3724619	13.281	ppbv	97
37) 1,2-Dichloroethane	6.30	62	2525002	15.040	ppbv	99
38) Trichloroethene	7.83	130	1609920	14.336	ppbv	98
39) 1,2-Dichloropropane	7.60	63	1494174	13.151	ppbv	96
40) 1,4-Dioxane	7.82	88	428119	14.681	ppbv #	54
41) Tetrahydrofuran	6.04	42	1589217	20.968	ppbv	98
42) Bromodichloromethane	7.78	83	3410759	14.948	ppbv	99
43) Methyl Methacrylate	8.00	69	1606737	16.605	ppbv	99

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Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC015

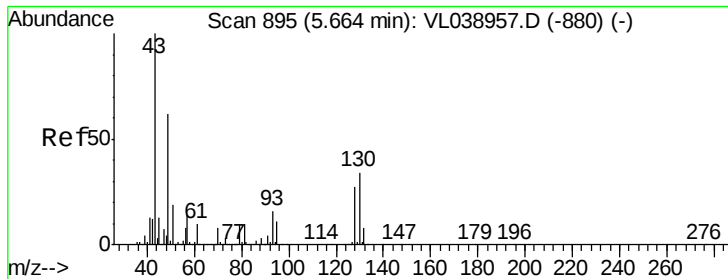
Manual Integrations
 APPROVED

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

Quant Time: May 05 07:37:21 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	6258549	12.617	ppbv	98
45) t-1,3-Dichloropropene	9.27	75	1938782	17.670	ppbv	100
46) cis-1,3-Dichloropropene	8.69	75	2318427	16.631	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	1530993	13.242	ppbv	97
48) Dibromochloromethane	10.29	129	2705427	15.218	ppbv	99
49) Bromoform	13.03	173	2096404	14.736	ppbv	96
50) 4-Methyl-2-Pentanone	8.73	43	4001752	17.544	ppbv	97
51) 2-Hexanone	10.12	43	3320718	25.720	ppbv #	100
52) Tetrachloroethene	11.21	164	1280252	12.364	ppbv	98
53) Toluene	9.80	91	4263520	14.236	ppbv	99
54) 1,2-Dibromoethane	10.60	107	2203779	13.534	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1834964	14.248	ppbv #	71
57) Chlorobenzene	12.13	112	3050179	12.753	ppbv	98
58) Ethyl Benzene	12.70	91	5722884	13.922	ppbv	99
59) m/p-Xylene	12.99	91	9808085m	27.286	ppbv	
60) o-Xylene	13.68	91	4628501	13.328	ppbv	100
61) Styrene	13.52	104	2669477	15.426	ppbv	98
62) Isopropylbenzene	14.65	105	6761124	14.296	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	2595696	9.972	ppbv	98
64) n-propylbenzene	15.55	120	1677207	14.540	ppbv	98
65) tert-Butylbenzene	16.73	119	5633670	13.720	ppbv	99
66) Benzyl Chloride	16.97	91	1186623	23.624	ppbv	99
67) sec-Butylbenzene	17.28	105	8042944	13.798	ppbv	99
69) p-Isopropyltoluene	17.64	119	6697646	14.701	ppbv	99
70) n-Butylbenzene	18.54	91	7295169	15.273	ppbv	99
71) 2-Chlorotoluene	15.44	91	5057674	14.217	ppbv	99
72) 4-Ethyltoluene	15.82	105	5311996	13.932	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	4935036	13.888	ppbv	95
74) 1,2,4-Trimethylbenzene	16.75	105	5133602	13.379	ppbv	94
75) 1,3-Dichlorobenzene	16.98	146	2924544	13.609	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	2843707	13.280	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	2842653	13.973	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	2372166	12.955	ppbv	99
79) Naphthalene	22.17	128	5312499	22.458	ppbv	98
80) Naphthalene,2-methyl-	24.95	142	1975124	38.260	ppbv	95
81) 1,2,4-Trichlorobenzene	21.90	180	2743825	19.106	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC015

Acq: 5 May 2022 8:34

Tot Ion:

Ion Ratio

49 100

128 45.

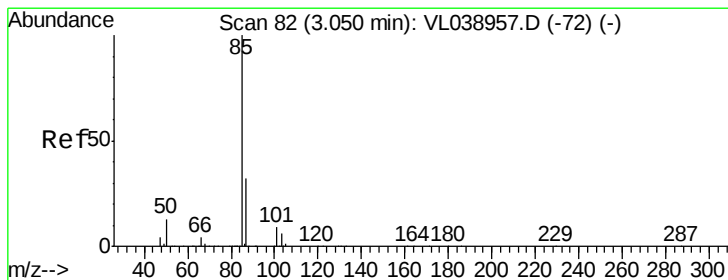
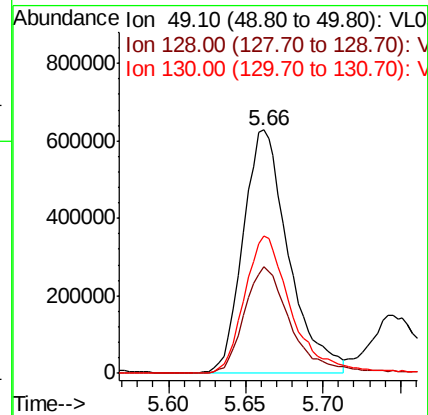
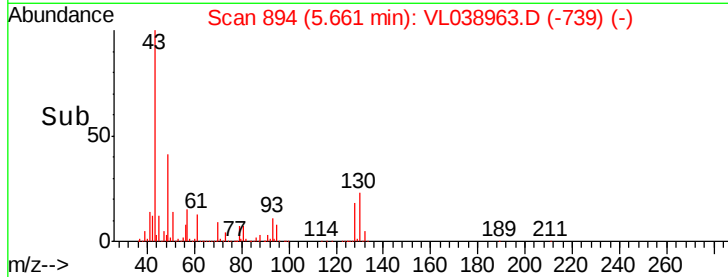
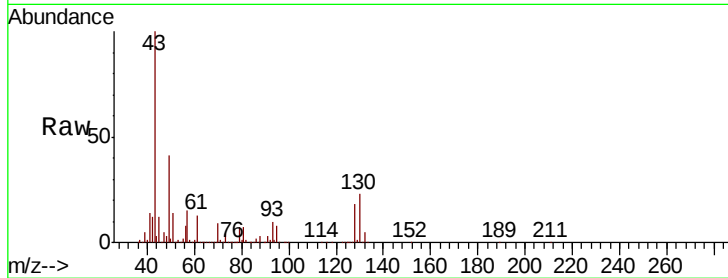
130 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#2

Dichlorodifluoromethane

Concen: 11.343 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL038963.D

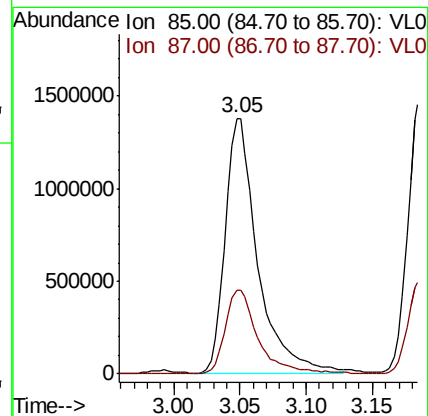
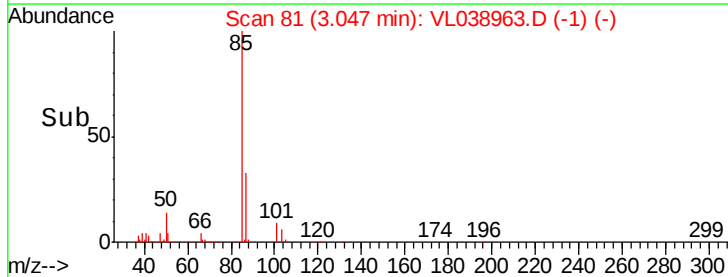
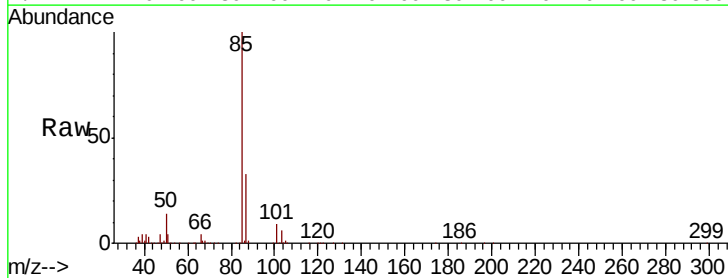
Acq: 5 May 2022 6:34

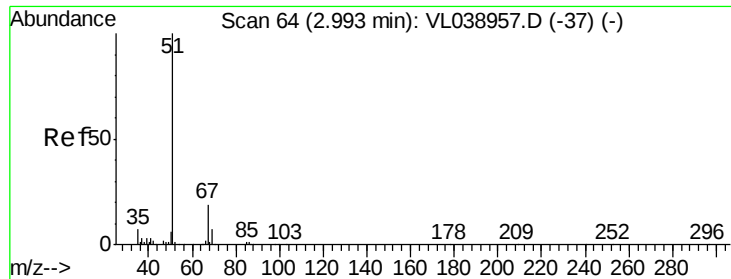
Tgt Ion: 85 Resp: 2350057

Ion Ratio Lower Upper

85 100

87 32.9 25.7 38.5





#3

Chlorodifluoromethane

Concen: 9.854 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 VSTDIC015

8:34

Tot Ion:

Ion Ratio

51 100

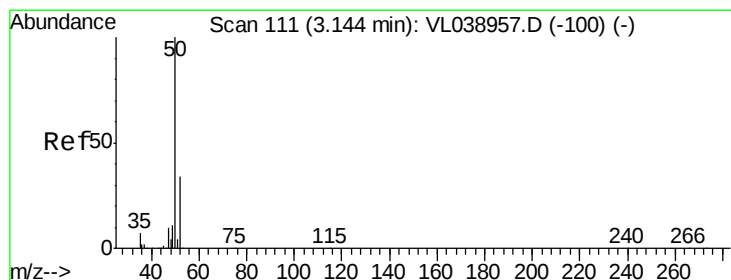
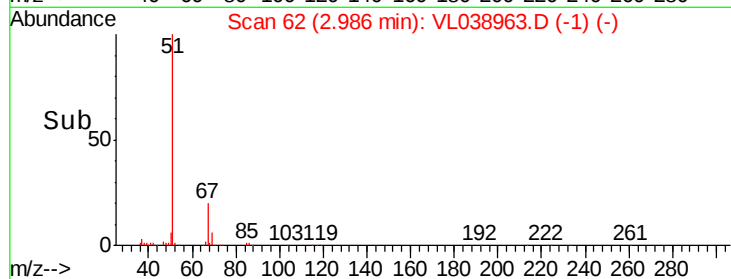
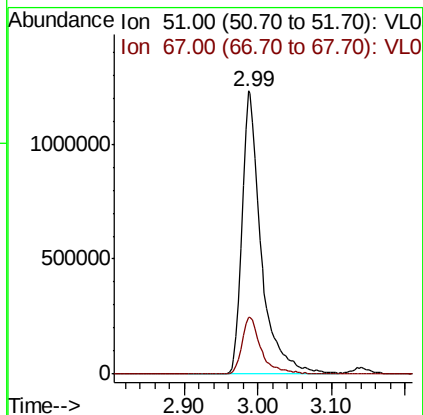
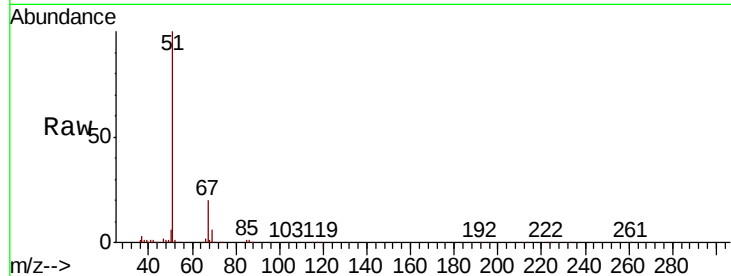
67 20.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#4

Chloromethane

Concen: 13.254 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL038963.D

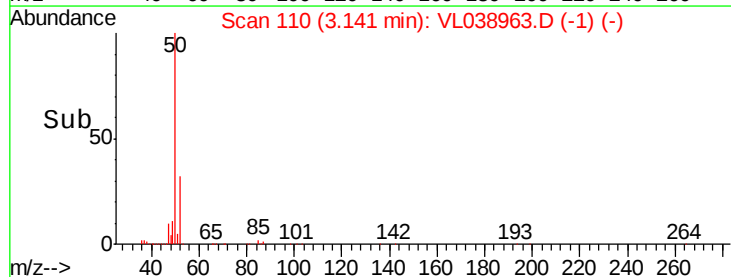
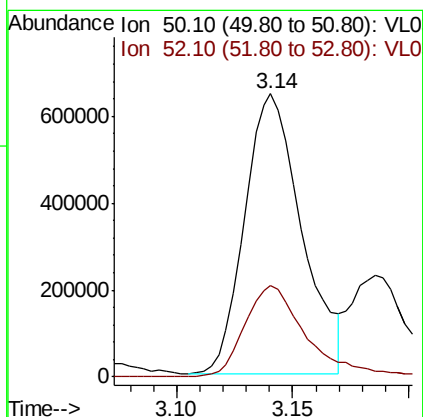
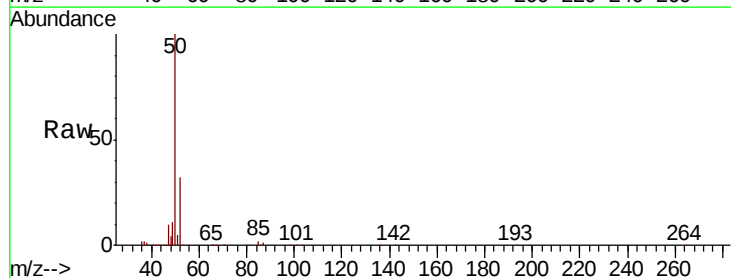
Acq: 5 May 2022 6:34

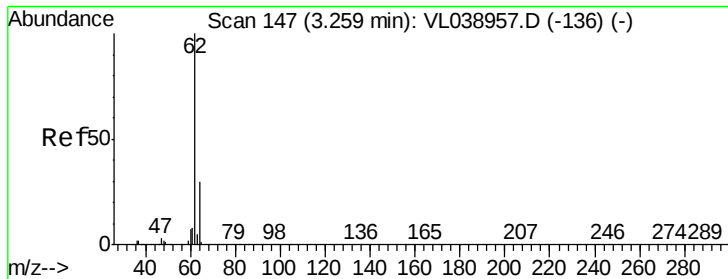
Tgt Ion: 50 Resp: 1110928

Ion Ratio Lower Upper

50 100

52 32.5 27.3 40.9





#5

Vinyl Chloride

Concen: 12.777 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC015

Acq: 5 May 2022 8:34

Tot Ion:

Ion Ratio

62 100

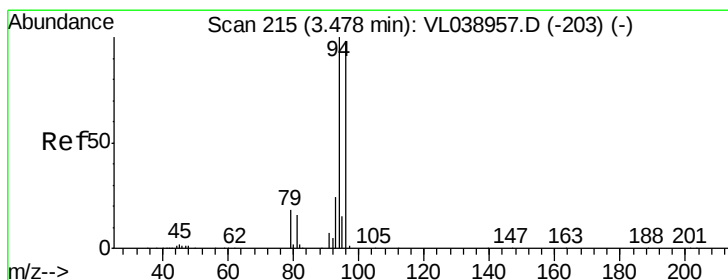
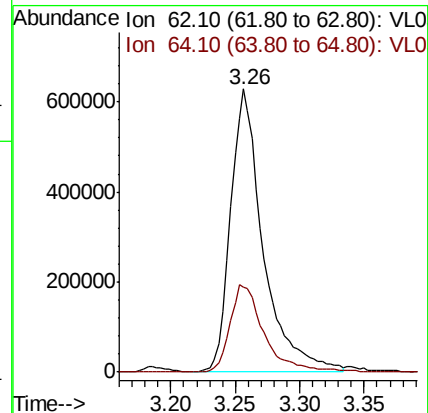
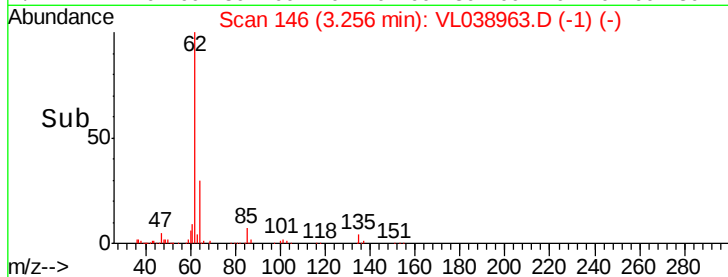
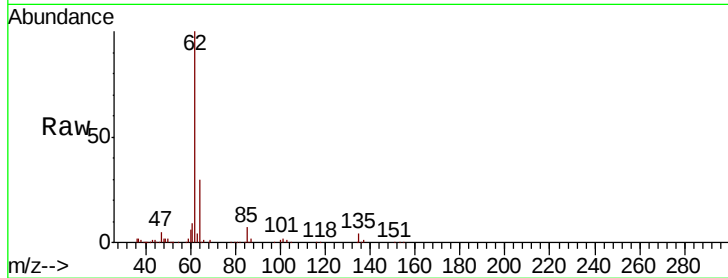
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#6

Bromomethane

Concen: 11.624 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL038963.D

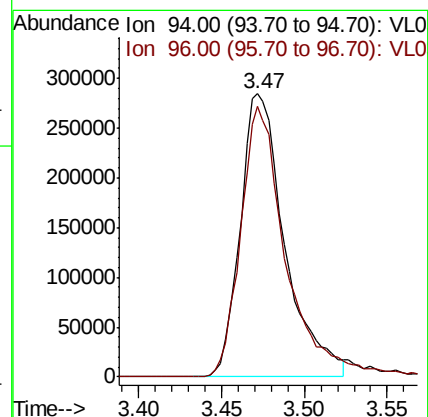
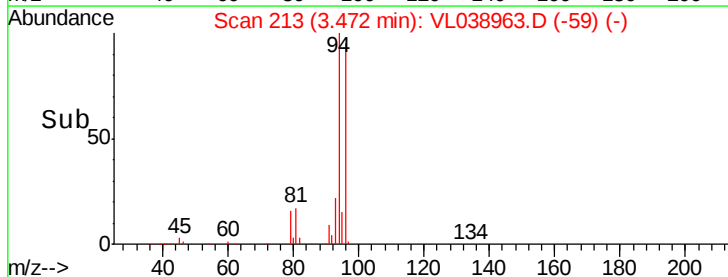
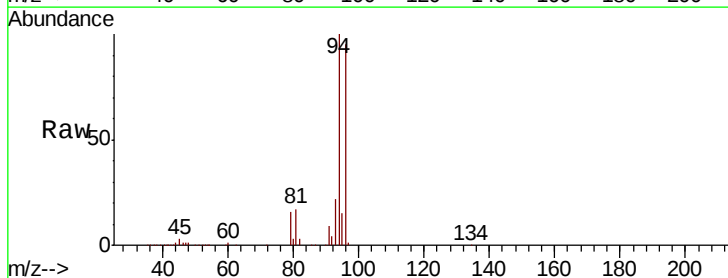
Acq: 5 May 2022 6:34

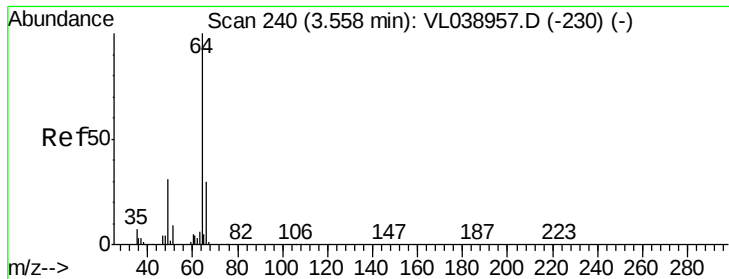
Tgt Ion: 94 Resp: 531697

Ion Ratio Lower Upper

94 100

96 95.4 78.1 117.1





#7

Chloroethane

Concen: 13.024 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 0:34 VSTDIC015

Tot Ion:

Ion Ratio

64 100

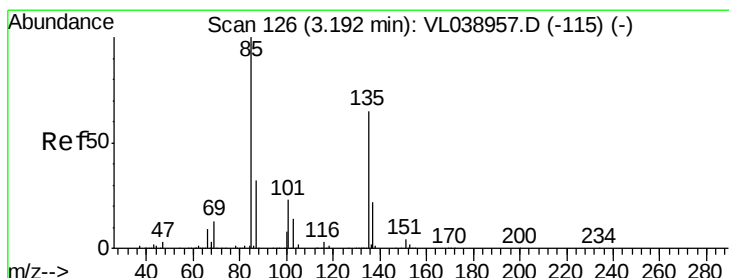
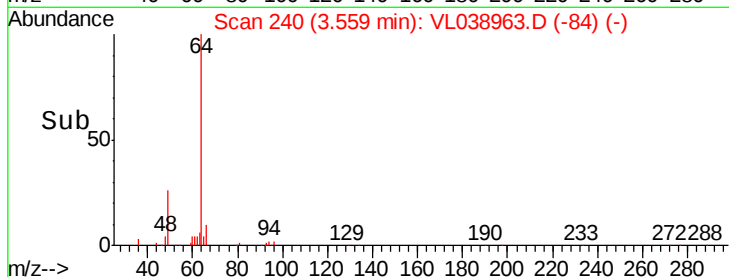
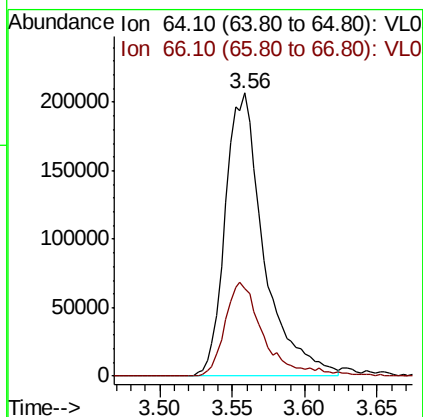
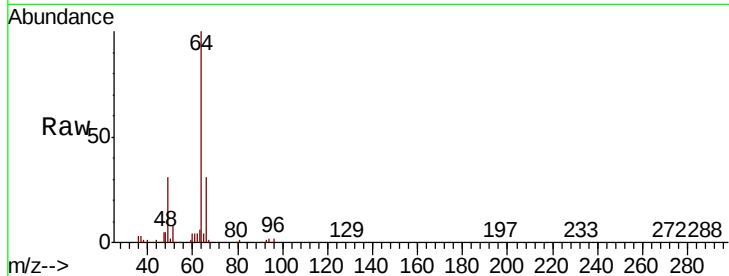
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#8

Dichlorotetrafluoroethane

Concen: 13.262 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.01 min

Lab File: VL038963.D

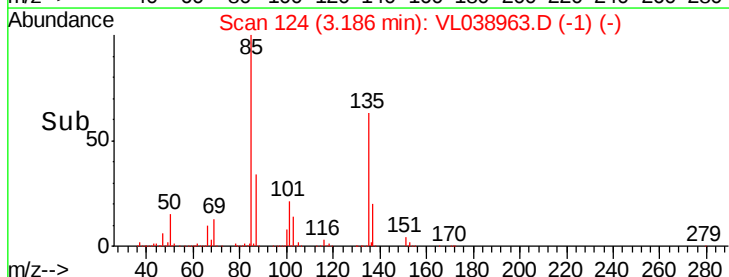
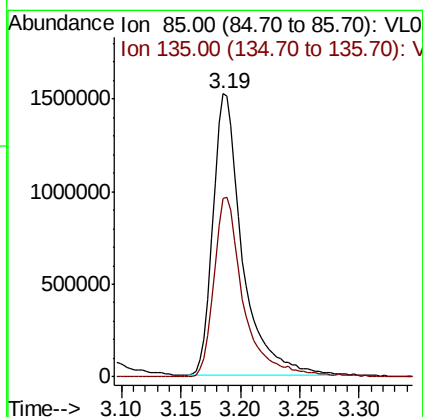
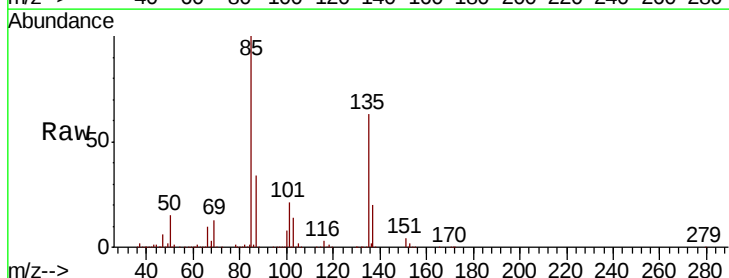
Acq: 5 May 2022 6:34

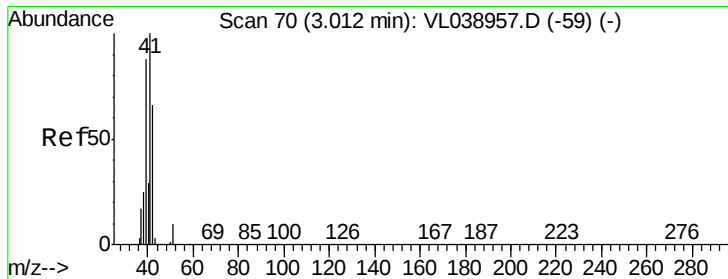
Tgt Ion: 85 Resp: 2611435

Ion Ratio Lower Upper

85 100

135 65.0 53.6 80.4



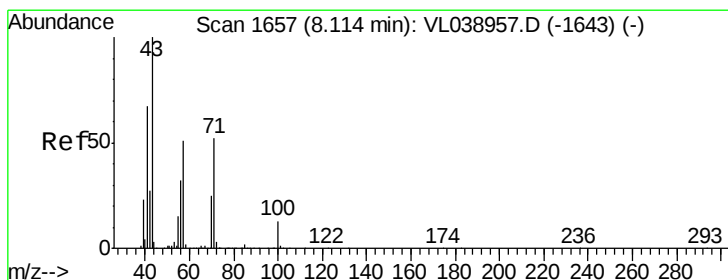
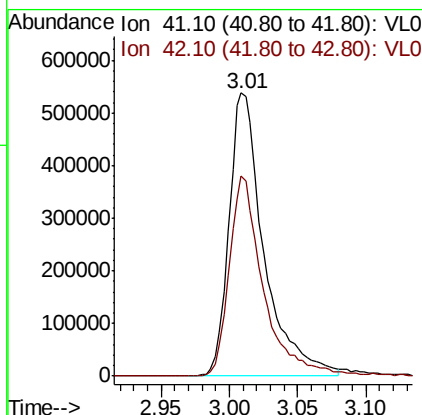
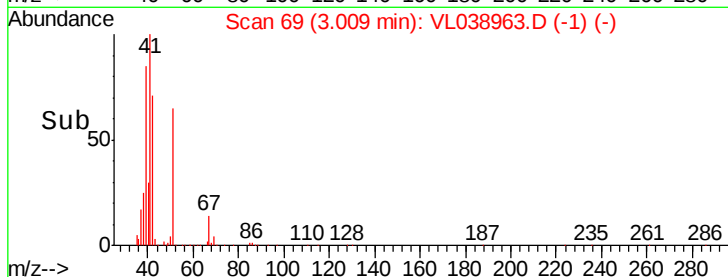
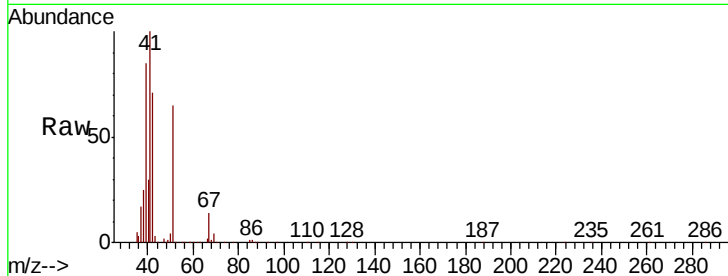


#9
 Propene
 Concen: 12.942 ppbv
 RT: 3.01 min
 Delta R.T. 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 6:34

Tot Ion:
 Ion Ratio
 41 100
 42 69.

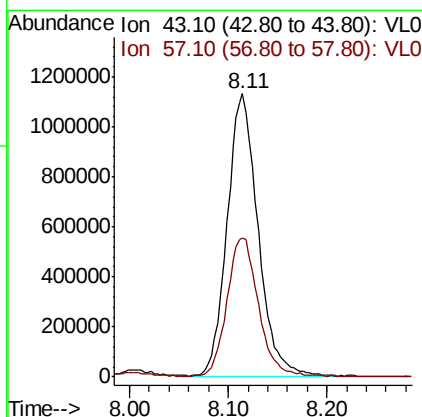
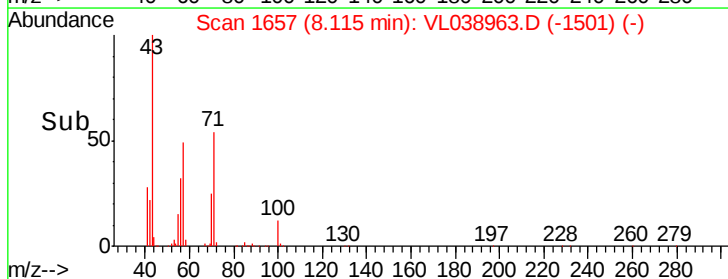
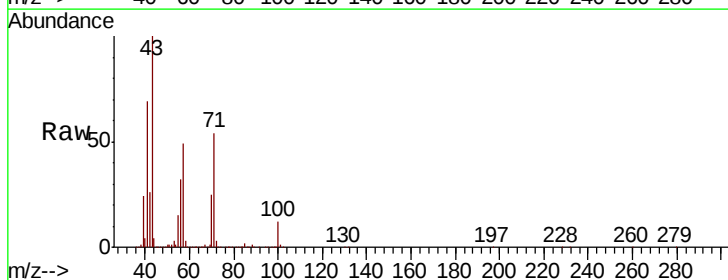
Manual Integrations
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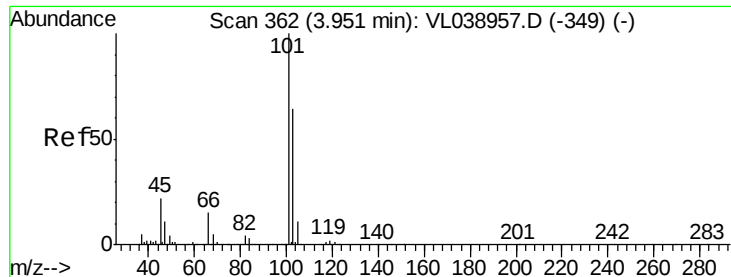
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#10
 Heptane
 Concen: 12.960 ppbv
 RT: 8.11 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion: 43 Resp: 2456102
 Ion Ratio Lower Upper
 43 100
 57 50.6 40.5 60.7



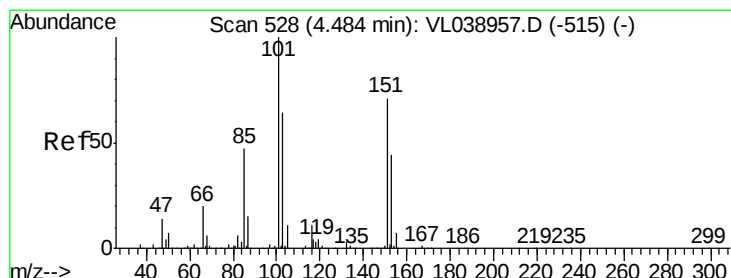
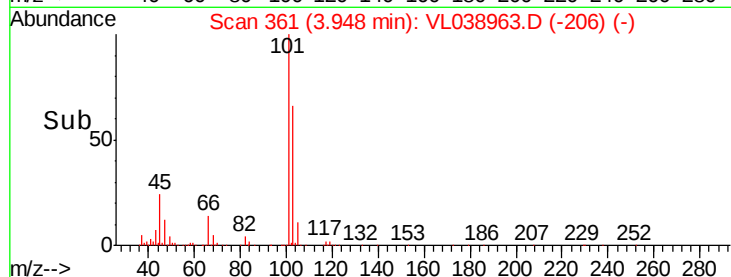
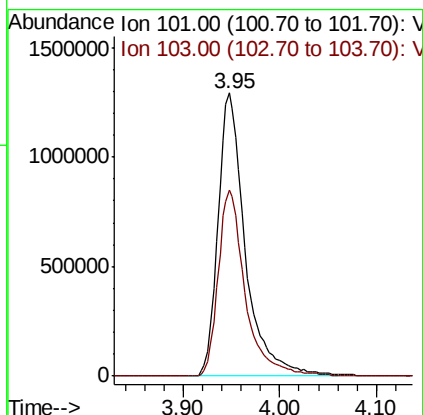
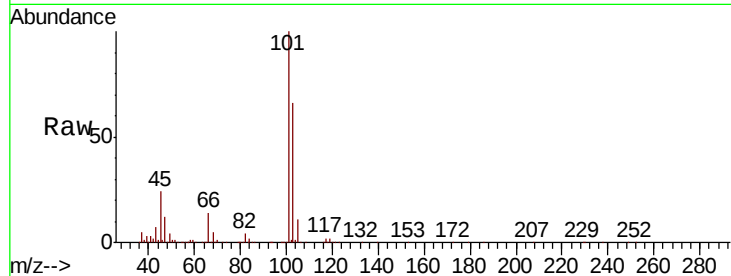


#11
 Trichlorofluoromethane
 Concen: 12.282 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 5 May 2022 6:34

Tot Ion:1
 Ion Rati
 101 100
 103 65.

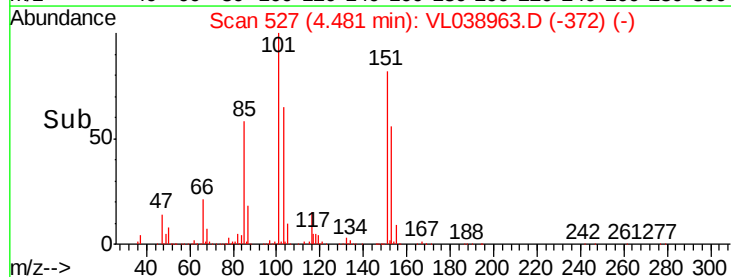
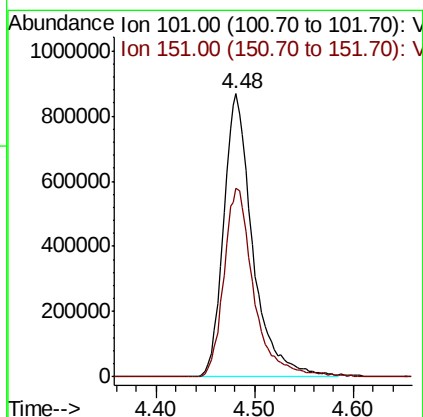
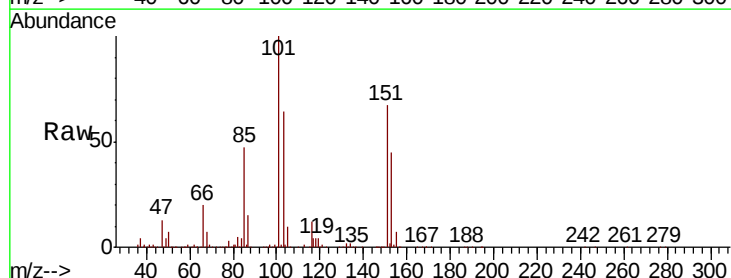
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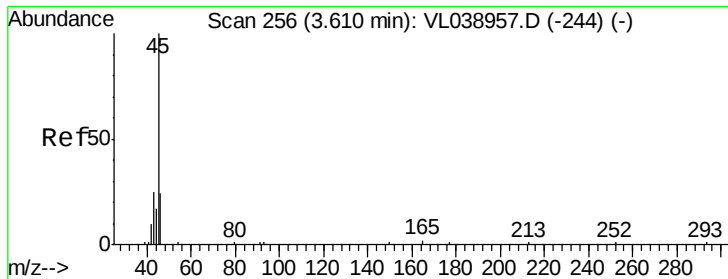
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.504 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion:101 Resp: 1799568
 Ion Ratio Lower Upper
 101 100
 151 68.6 55.4 83.0



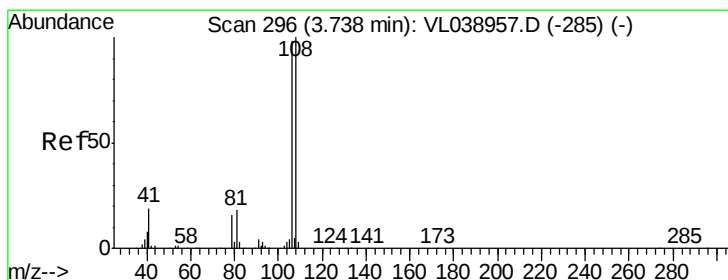
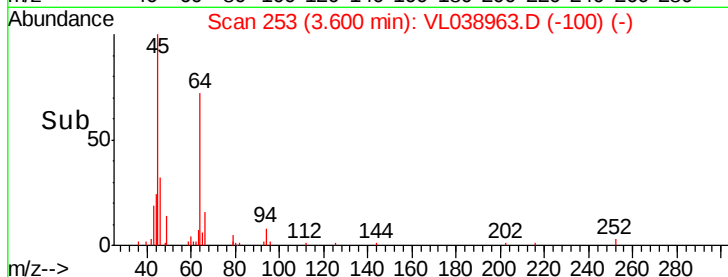
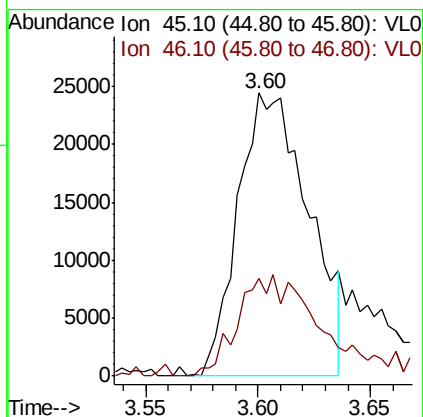
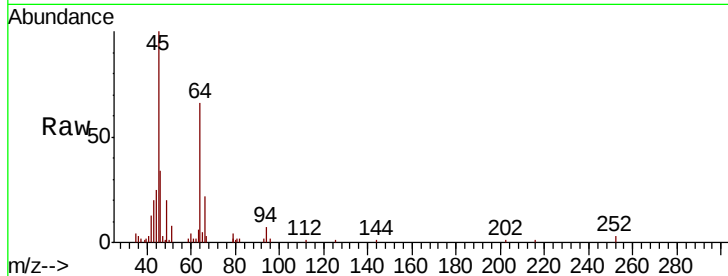


#13
Ethanol
Concen: 6.604 ppbv m
RT: 3.60
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 5 May 2022 8:34

Tot Ion:
Ion Ratio
45 100
46 40.

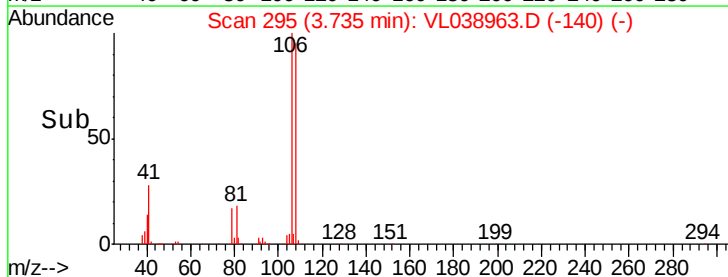
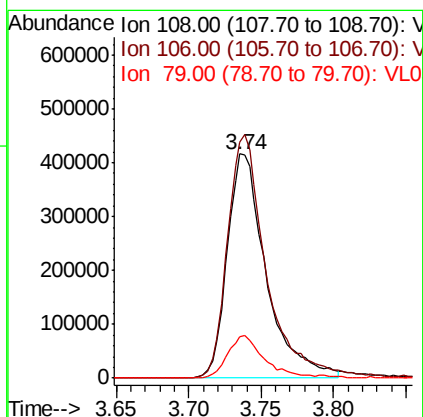
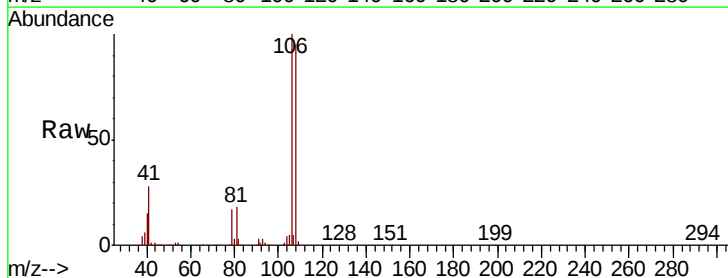
Manual Integrations
APPROVED

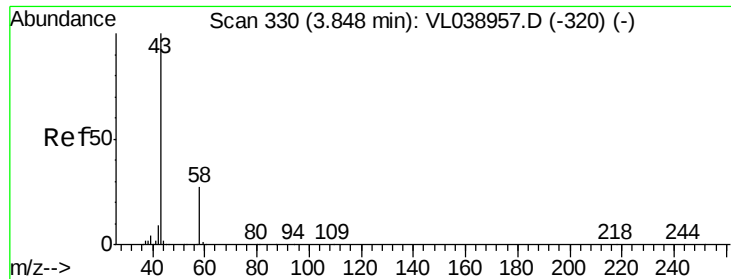
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#14
Bromoethene
Concen: 14.038 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.00 min
Lab File: VL038963.D
Acq: 5 May 2022 6:34

Tgt Ion:108 Resp: 778472
Ion Ratio Lower Upper
108 100
106 109.6 90.3 135.5
79 18.7 14.9 22.3



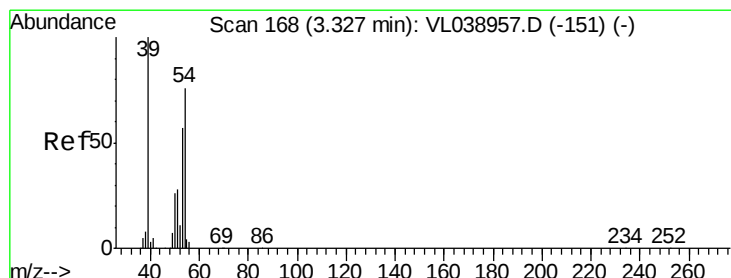
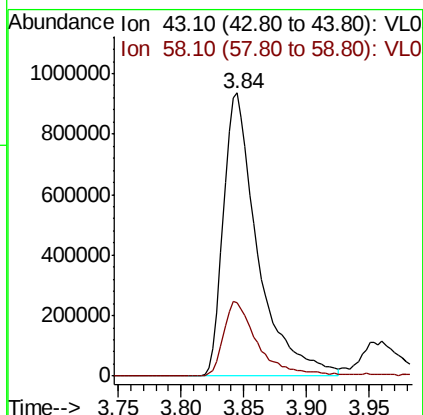
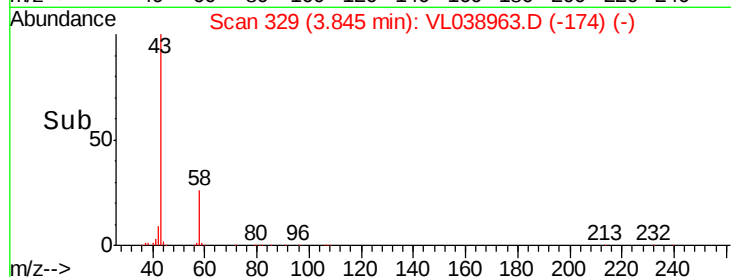
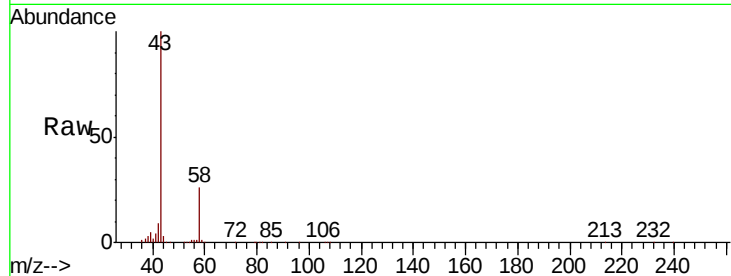


#15
Acetone
Concen: 14.050 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 8:34

Tot Ion:
Ion Ratio
43 100
58 26.

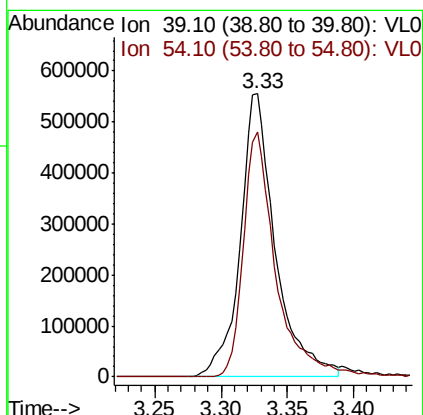
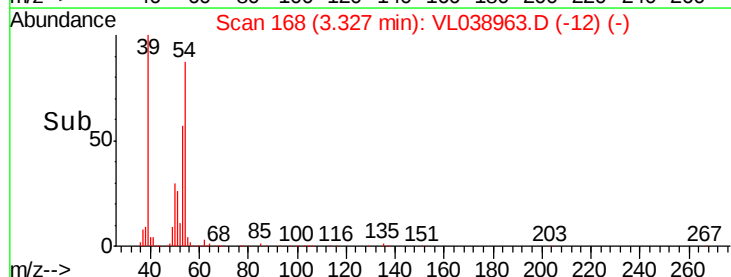
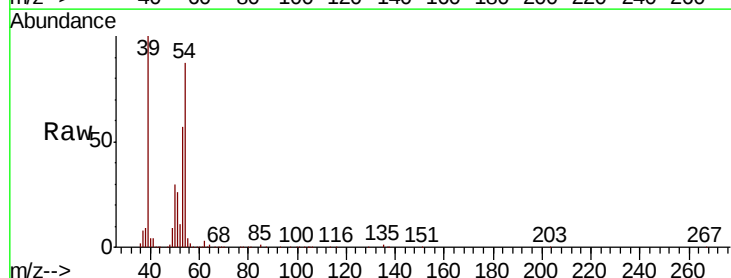
Manual Integrations
APPROVED

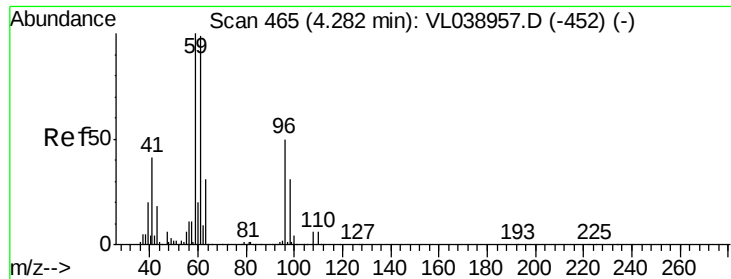
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#16
1,3-Butadiene
Concen: 12.113 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL038963.D
Acq: 5 May 2022 6:34

Tgt Ion: 39 Resp: 1021935
Ion Ratio Lower Upper
39 100
54 81.3 65.2 97.8



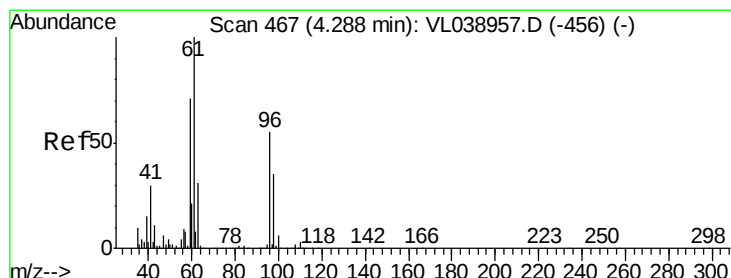
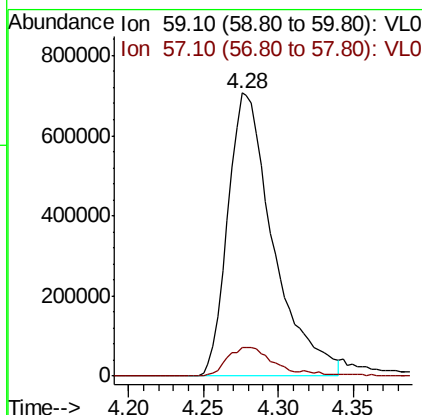
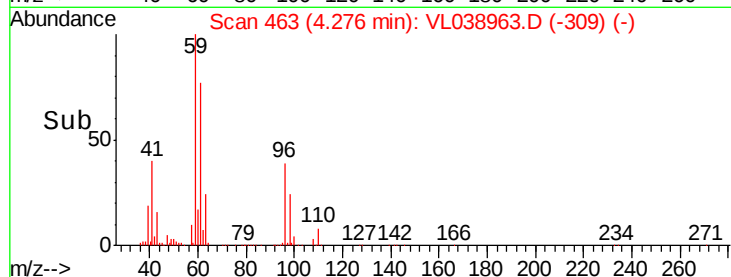
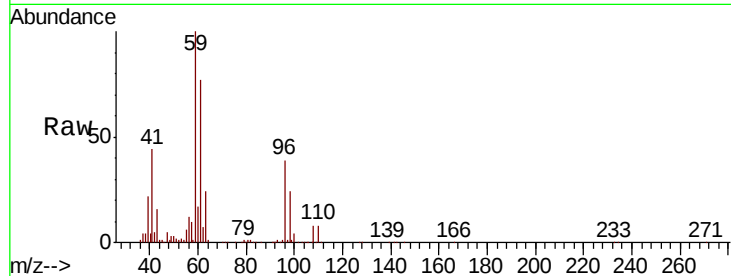


#17
 tert-Butyl alcohol
 Concen: 14.035 ppbv
 RT: 4.28 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 5 May 2022 8:34

Tot Ion:
 Ion Ratio
 59 100
 57 11.

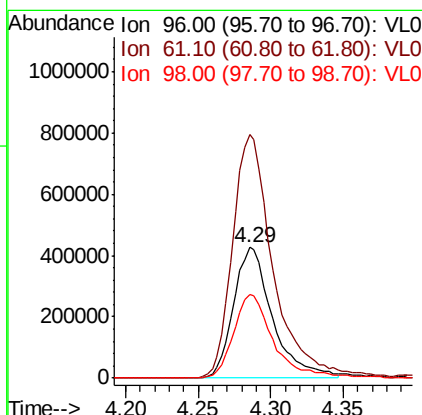
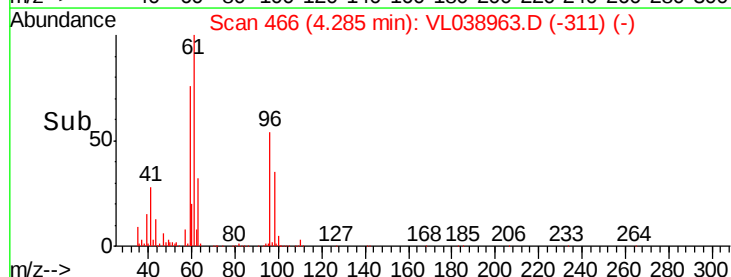
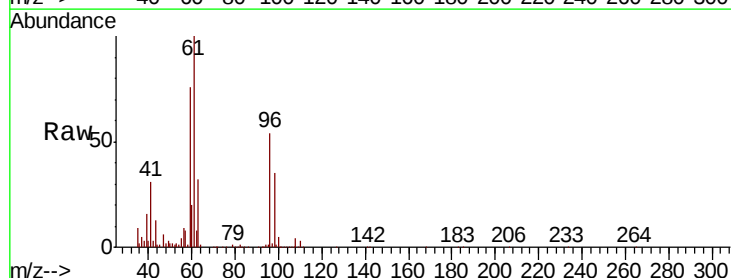
Manual Integrations
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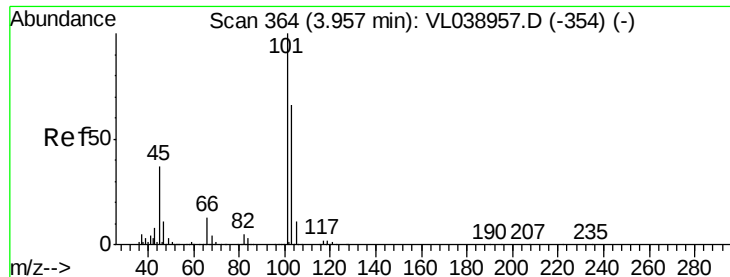
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#18
 1,1-Dichloroethene
 Concen: 13.549 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T.: -0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion: 96 Resp: 797819
 Ion Ratio Lower Upper
 96 100
 61 186.6 146.3 219.5
 98 64.5 50.6 75.8





#19

Isopropyl Alcohol

Concen: 13.822 ppbv

RT: 3.95

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 0:34

Tot Ion:

Ion Ratio

45 100

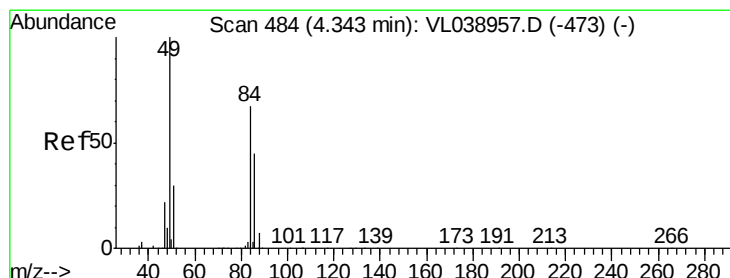
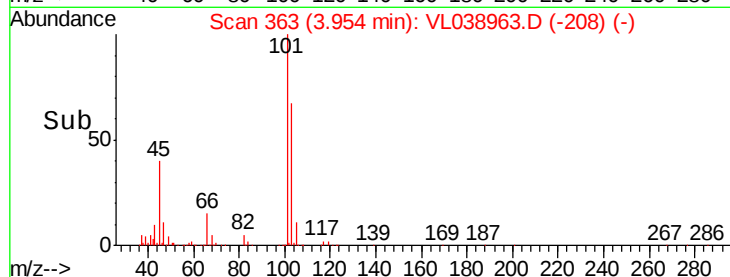
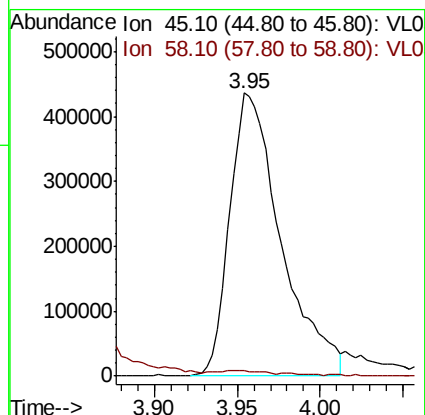
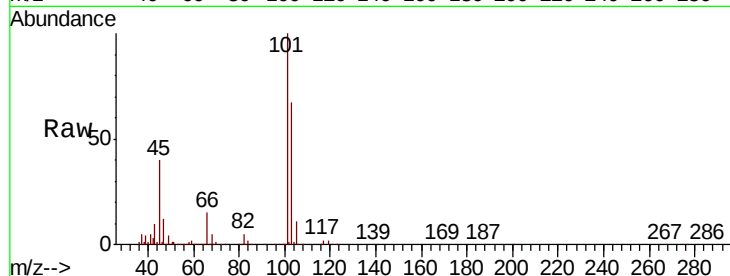
58 2.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#20

Methylene Chloride

Concen: 11.438 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL038963.D

Acq: 5 May 2022 6:34

Tgt Ion: 84 Resp: 652294

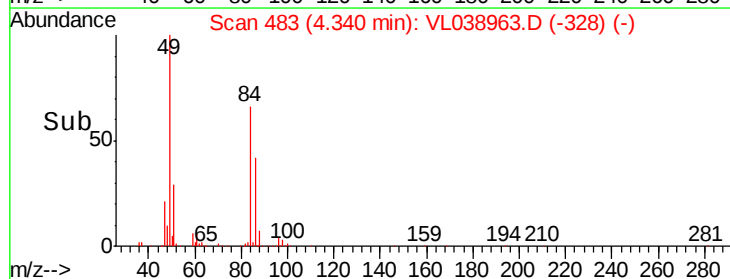
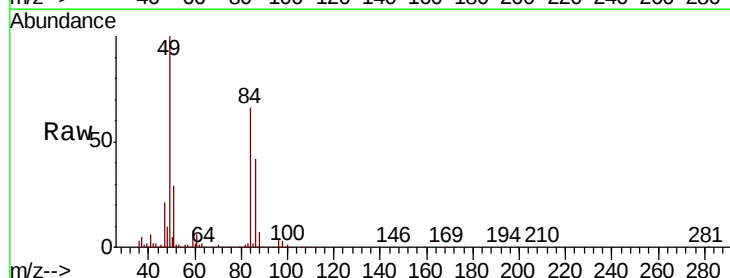
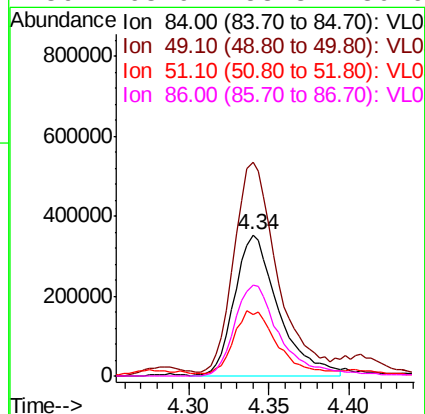
Ion Ratio Lower Upper

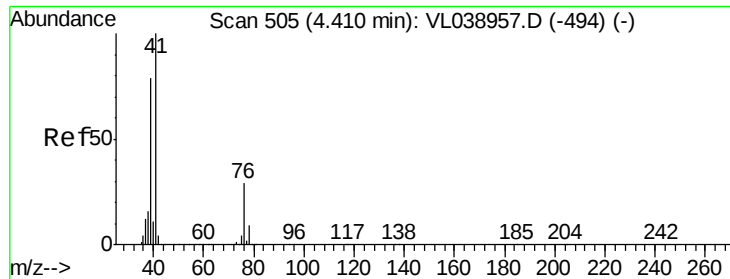
84 100

49 148.4 119.9 179.9

51 42.0 35.7 53.5

86 63.9 53.8 80.6



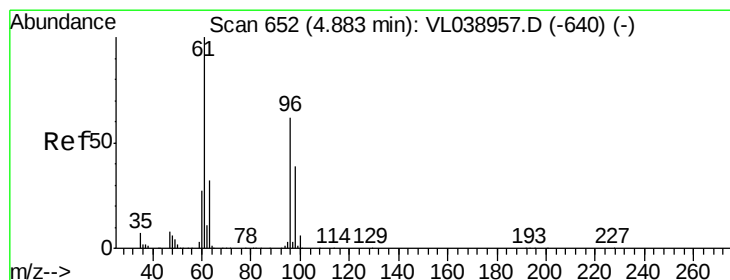
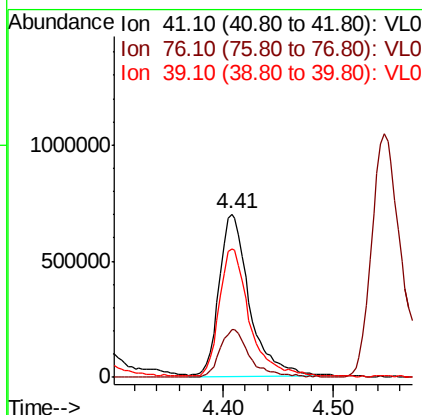
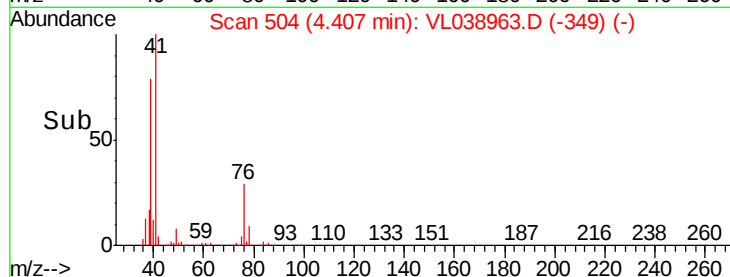
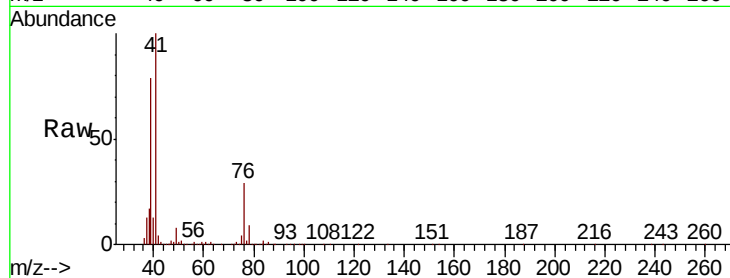


#21
 Allvl Chloride
 Concen: 13.689 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 5 May 2022 8:34

Tot Ion:
 Ion Ratio
 41 100
 76 29.
 39 82.

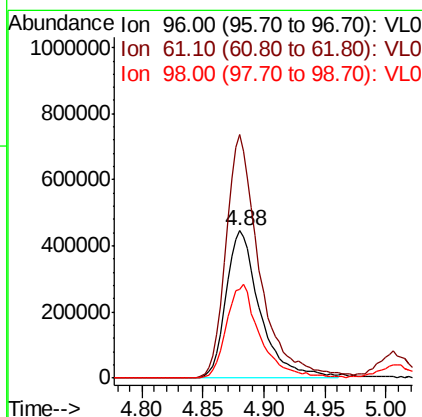
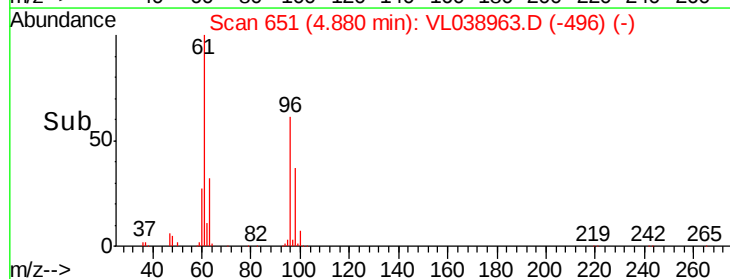
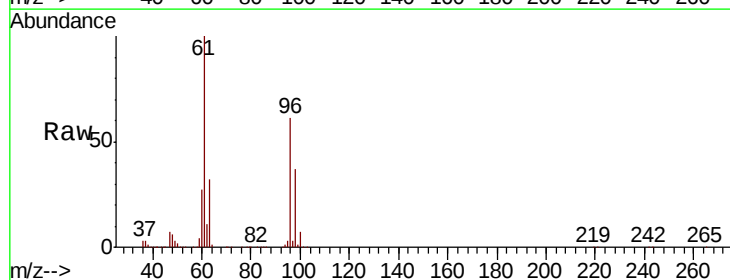
Manual Integrations
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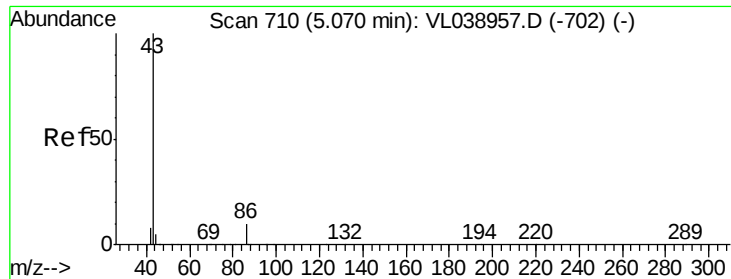
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#22
 trans-1,2-Dichloroethene
 Concen: 15.618 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion: 96 Resp: 871656
 Ion Ratio Lower Upper
 96 100
 61 165.1 128.2 192.2
 98 60.4 50.1 75.1



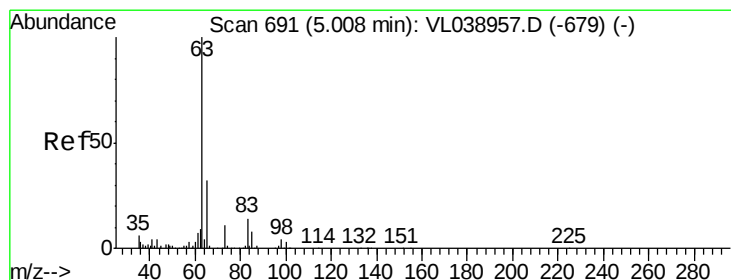
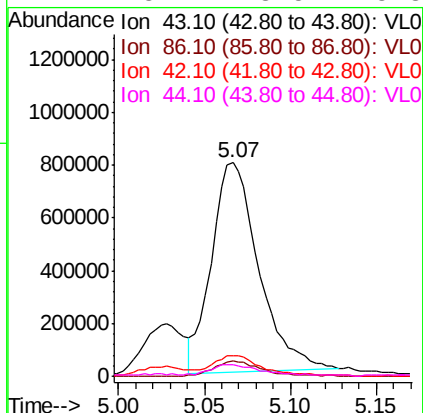
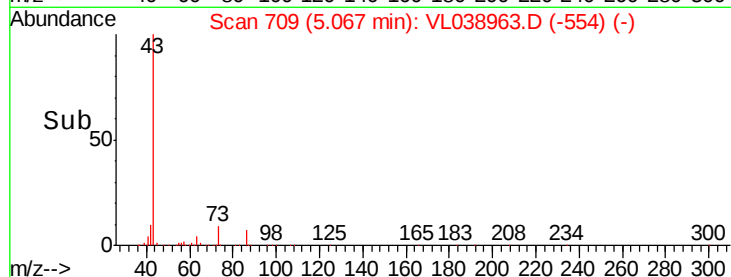
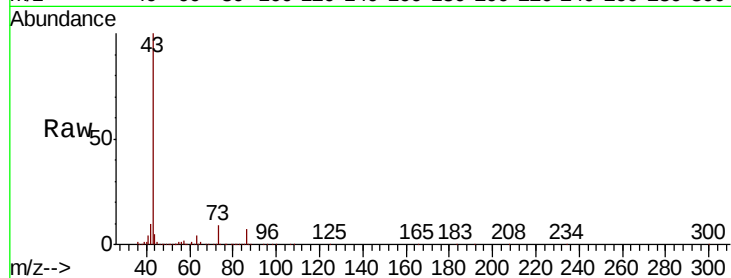


#23
 Vinyl Acetate
 Concen: 7.897 ppbv
 RT: 5.07
 Delta R.T. MSVOA.L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 5 May 2022 8:34

Tot Ion:
 Ion Ratio
 43 100
 86 7.
 42 9.
 44 5.1 3.5 5.3

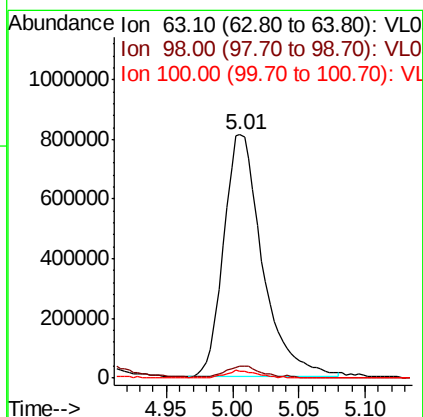
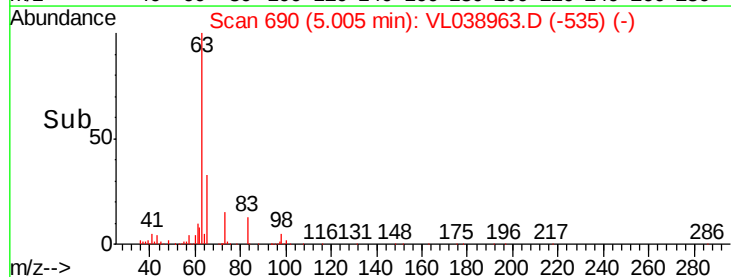
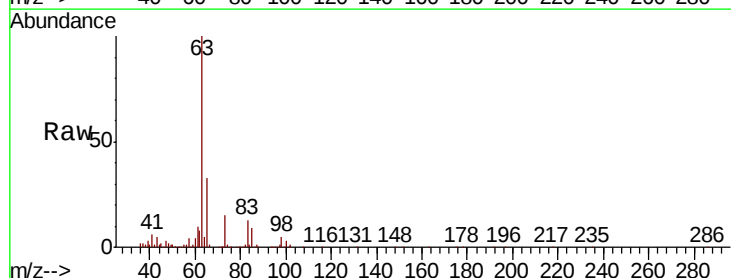
Manual Integrations
 APPROVED

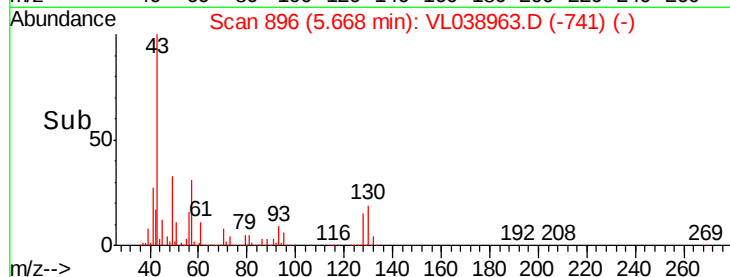
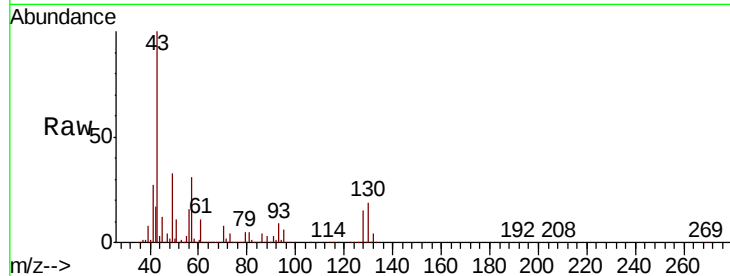
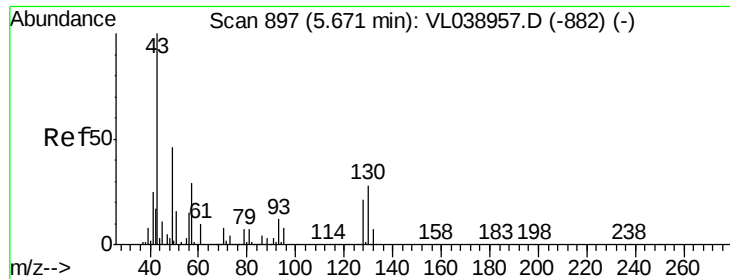
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#24
 1,1-Dichloroethane
 Concen: 11.196 ppbv
 RT: 5.01 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion: 63 Resp: 1658464
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.1 6.2
 100 2.4 1.4 4.2



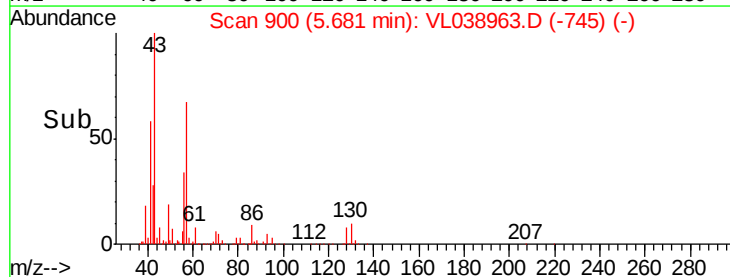
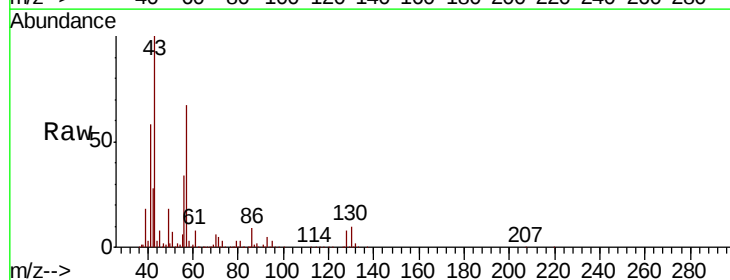
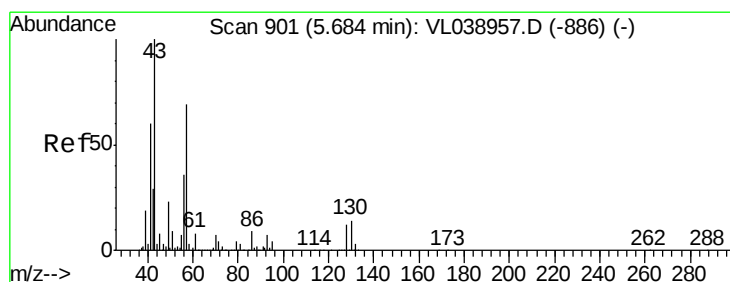
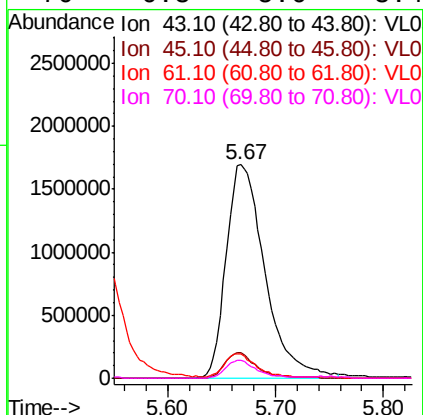


#25
Ethyl Acetate
Concen: 14.121 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 5 May 2022 8:34

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 6.8 5.6 8.4

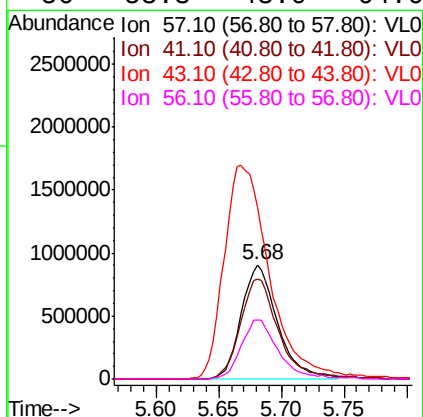
Manual Integrations
APPROVED

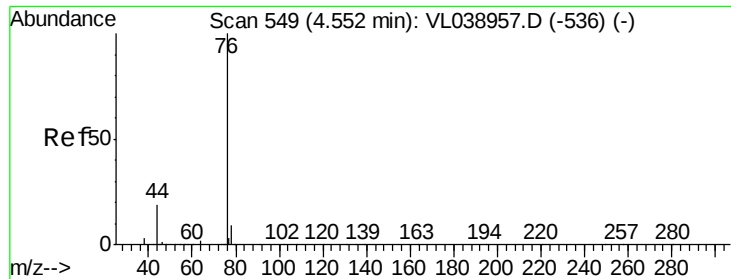
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#26
Hexane
Concen: 13.402 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL038963.D
Acq: 5 May 2022 6:34

Tgt Ion: 57 Resp: 1830880
Ion Ratio Lower Upper
57 100
41 92.9 75.2 112.8
43 234.5 190.8 286.2
56 53.3 43.0 64.6





#27

Carbon Disulfide

Concen: 15.488 ppbv

RT: 4.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

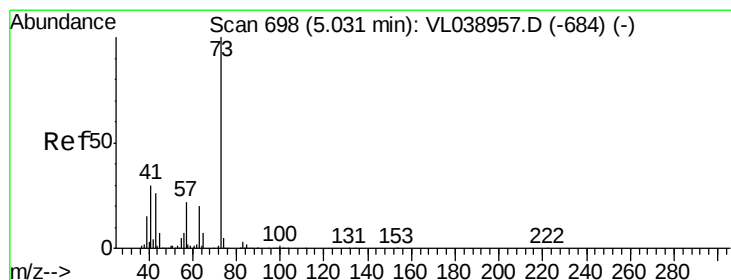
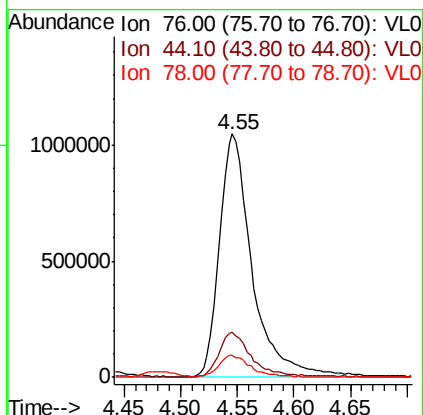
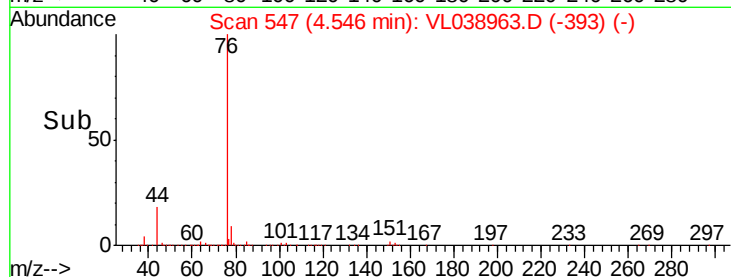
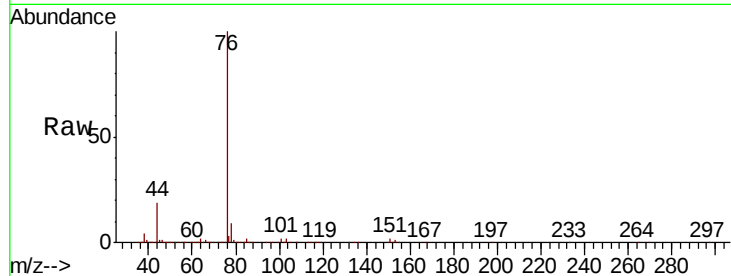
Acq: 5 May 2022 8:34

Tot Ion:

Ion	Ratio
76	100
44	19.
78	9.

Manual Integrations
APPROVED

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



#28

Methyl tert-Butyl Ether

Concen: 10.179 ppbv

RT: 5.02 min Scan# 696

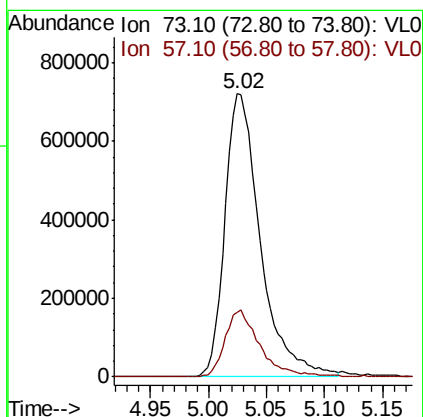
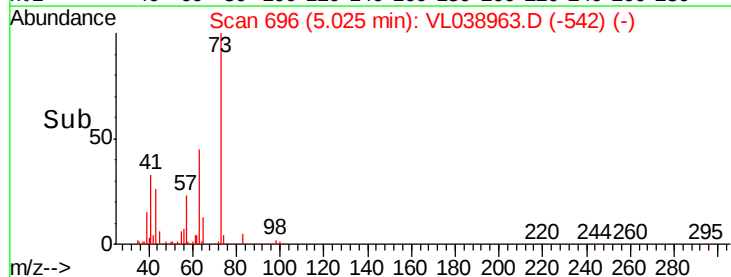
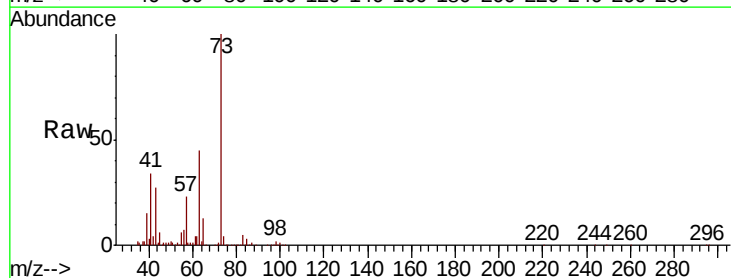
Delta R.T. -0.01 min

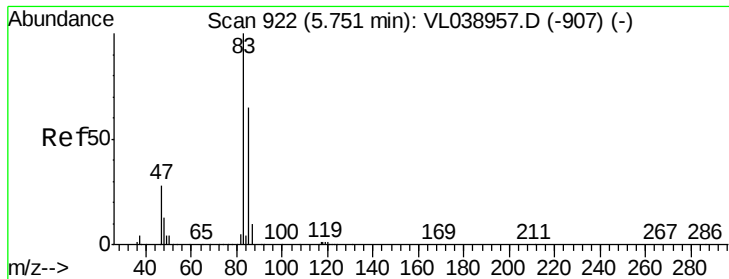
Lab File: VL038963.D

Acq: 5 May 2022 6:34

Tgt Ion: 73 Resp: 1536339

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.8	28.2



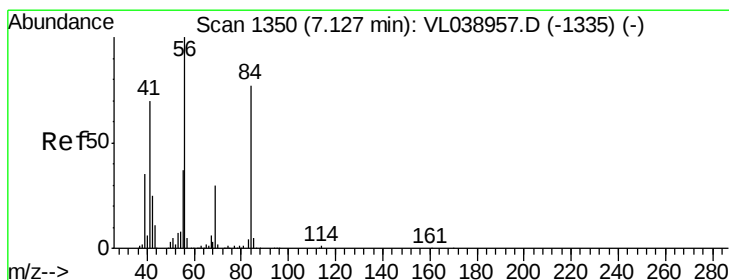
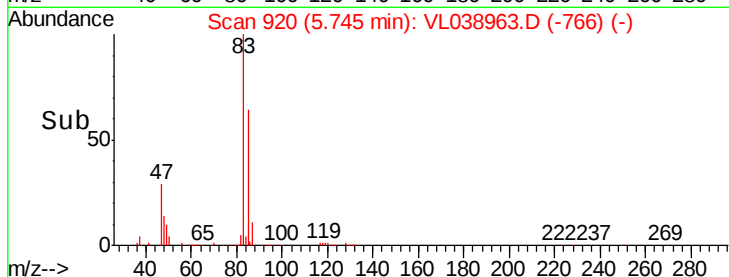
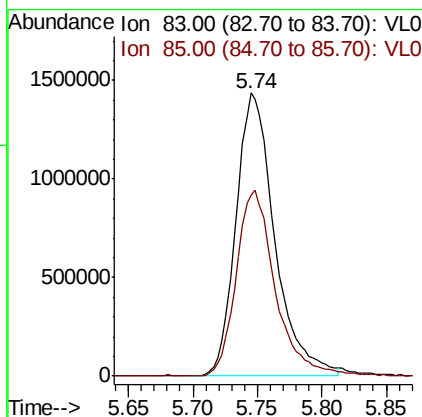
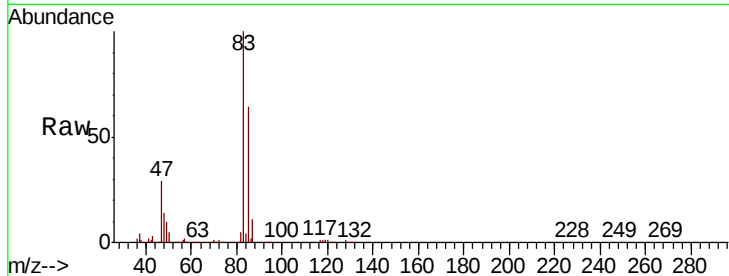


#29
Chloroform
Concen: 13.557 ppbv
RT: 5.74
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 5 May 2022 8:34

Tot Ion:
Ion Ratio
83 100
85 63.

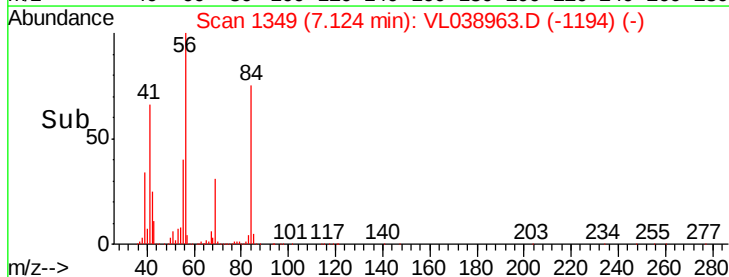
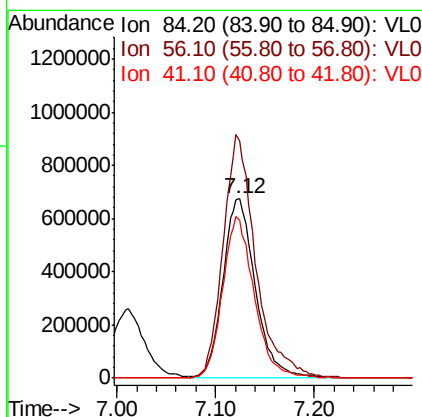
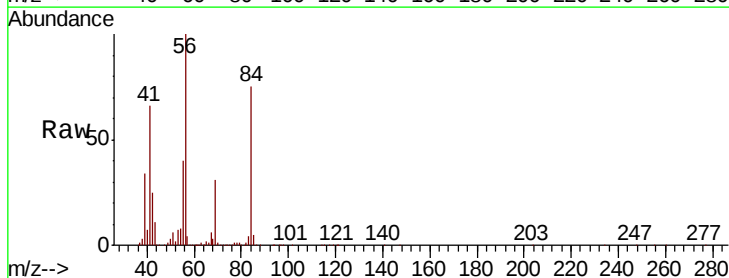
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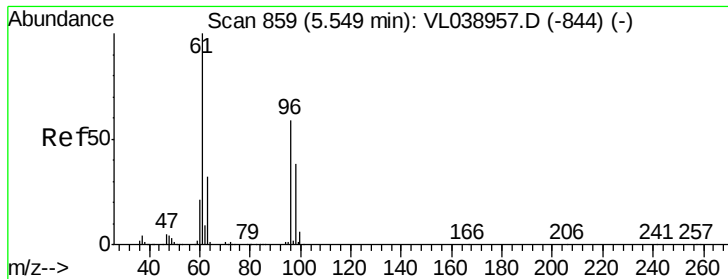
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#30
Cyclohexane
Concen: 13.929 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL038963.D
Acq: 5 May 2022 6:34

Tgt Ion: 84 Resp: 1541446
Ion Ratio Lower Upper
84 100
56 137.9 115.3 172.9
41 89.1 72.0 108.0





#31

cis-1,2-Dichloroethene

Concen: 14.760 ppbv

RT: 5.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC015

Acq: 5 May 2022 8:34

Tot Ion:

Ion Ratio

61 100

96 64.

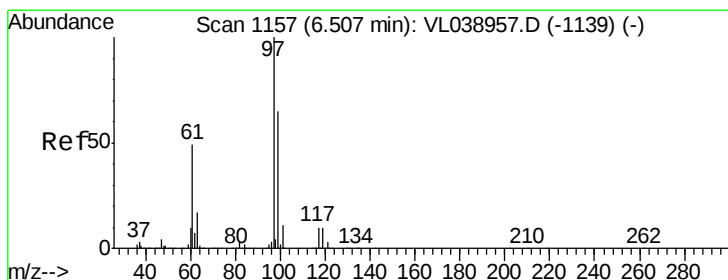
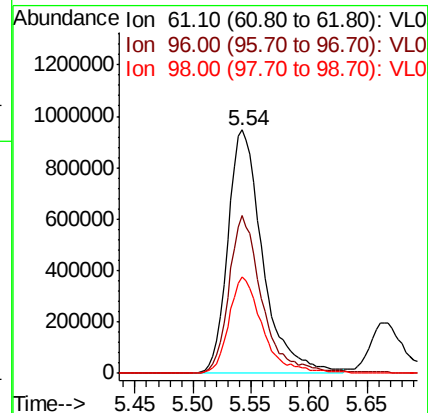
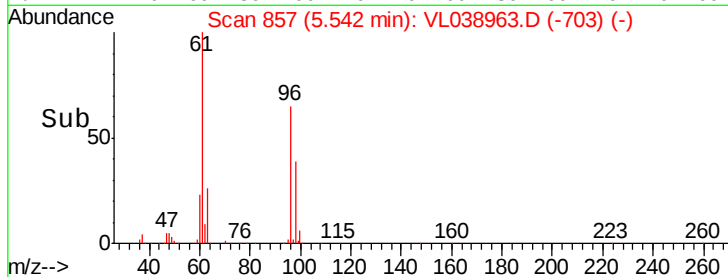
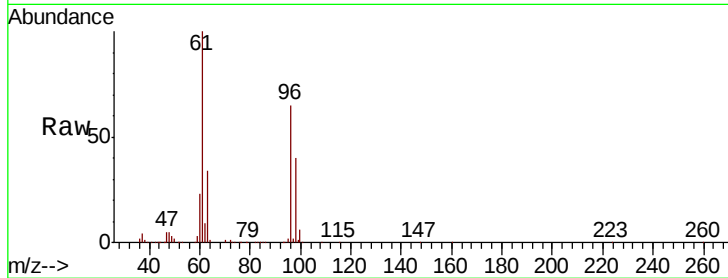
98 39.

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#32

1,1,1-Trichloroethane

Concen: 13.866 ppbv

RT: 6.50 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VL038963.D

Acq: 5 May 2022 6:34

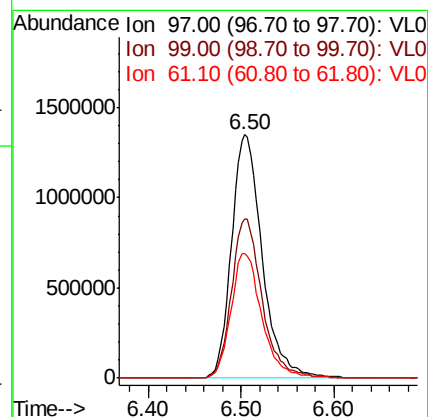
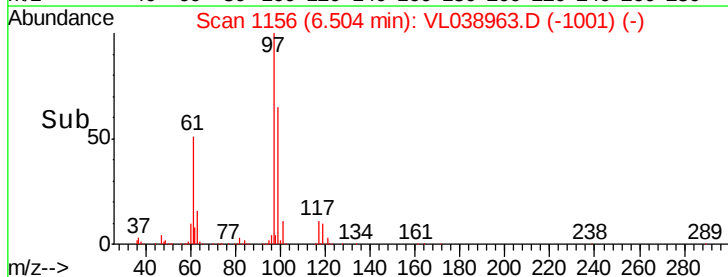
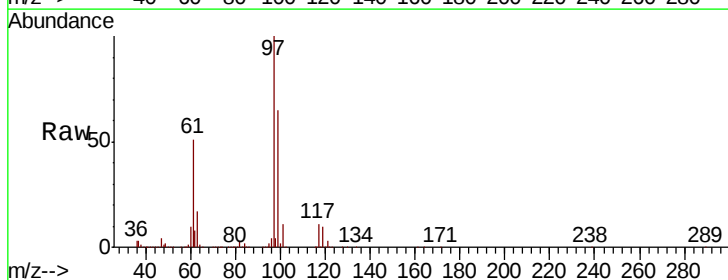
Tgt Ion: 97 Resp: 3099050

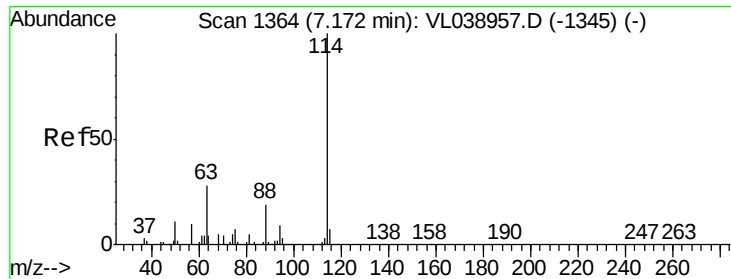
Ion Ratio Lower Upper

97 100

99 65.3 51.9 77.9

61 51.9 40.9 61.3



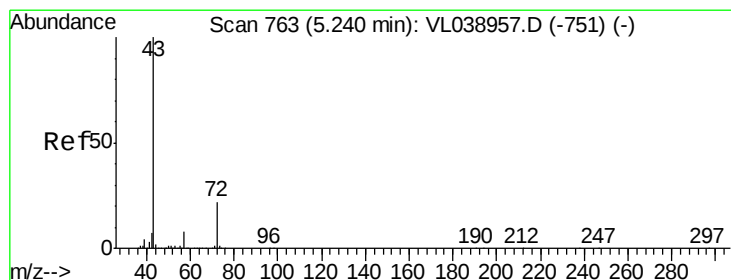
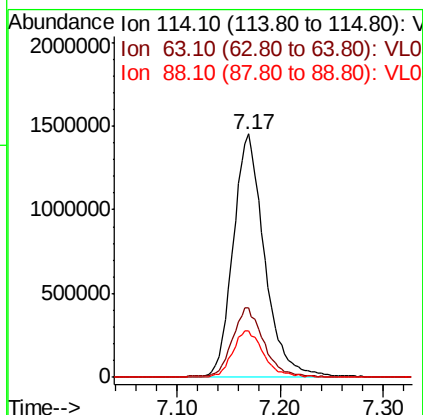
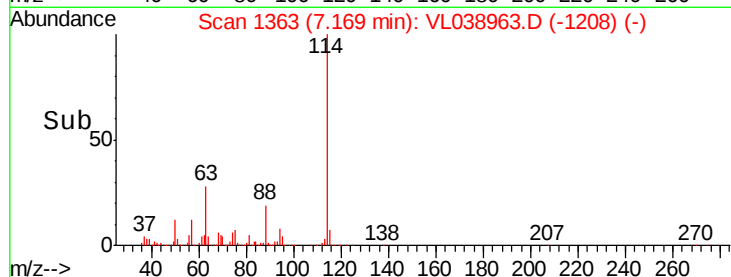
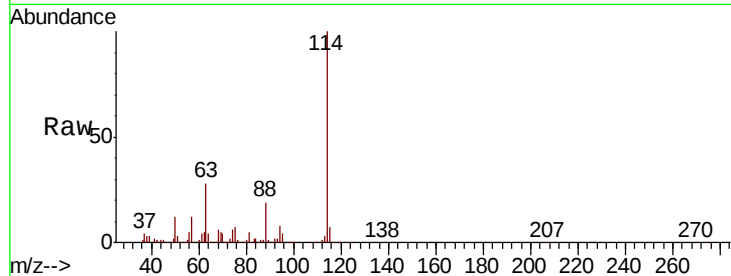


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 5 May 2022 8:34

Tot Ion:1
 Ion Rati
 114 100
 63 29.
 88 19.

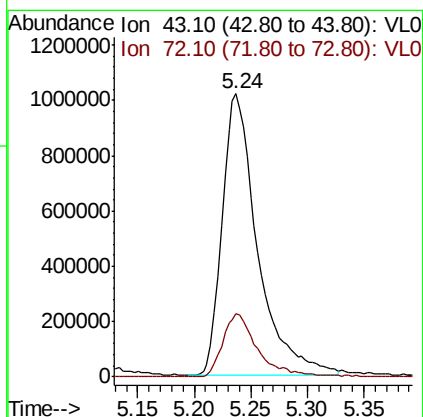
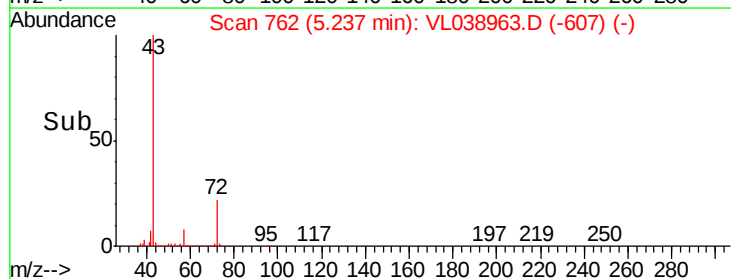
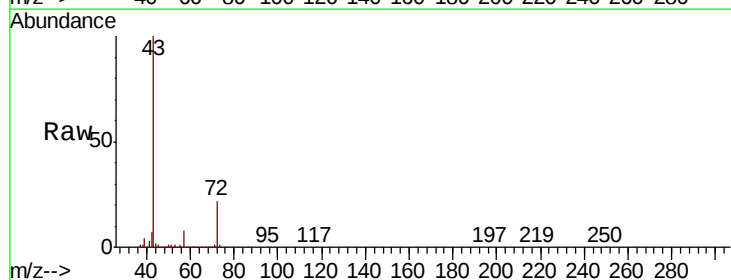
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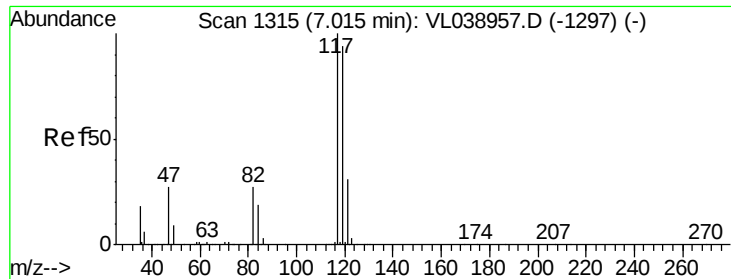
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#34
 2-Butanone
 Concen: 14.586 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion: 43 Resp: 2225636
 Ion Ratio Lower Upper
 43 100
 72 22.5 17.8 26.6



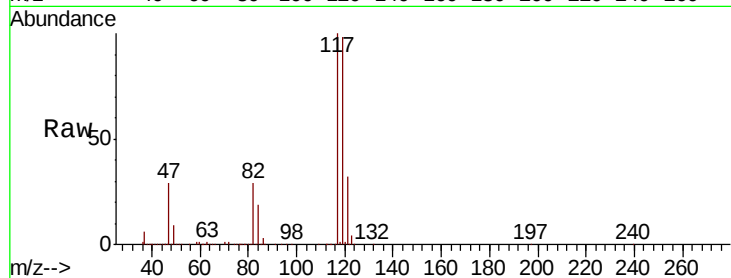


#35
Carbon Tetrachloride
Concen: 13.475 ppbv
RT: 7.01
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 5 May 2022 8:34

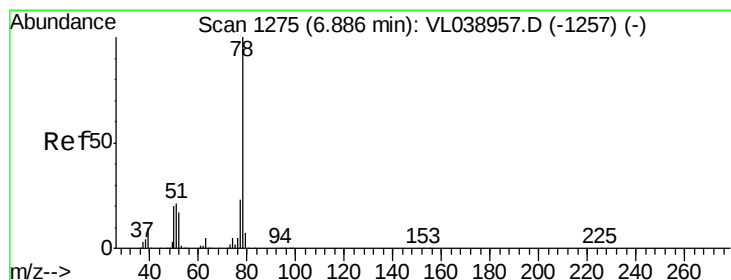
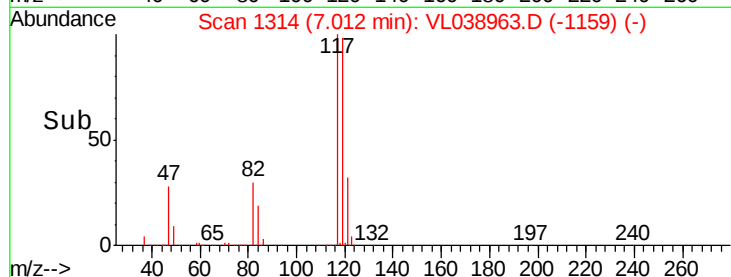
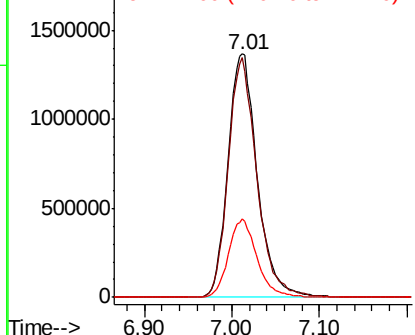
Tot Ion:1
Ion Rati
117 100
119 98.
121 32.

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

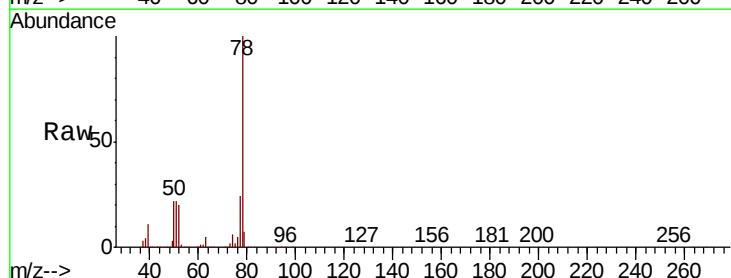


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

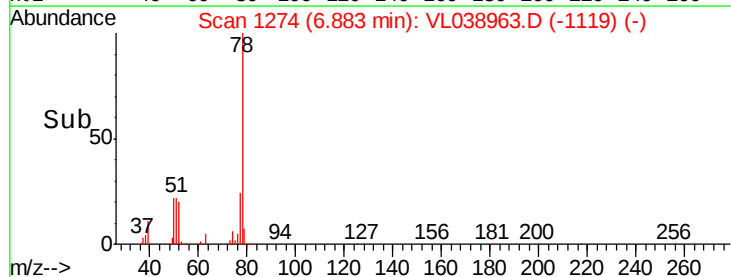
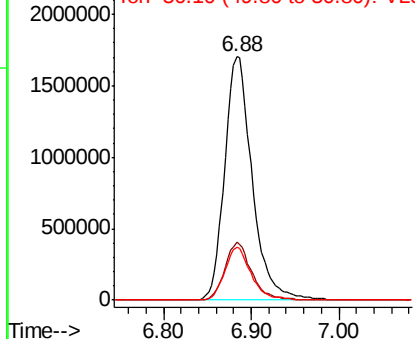


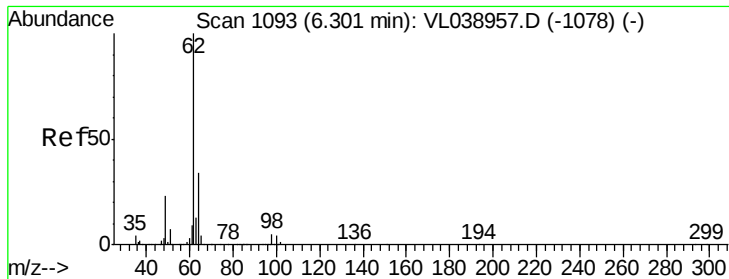
#36
Benzene
Concen: 13.281 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL038963.D
Acq: 5 May 2022 6:34

Tgt Ion: 78 Resp: 3724619
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0
50 21.8 15.6 23.4



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



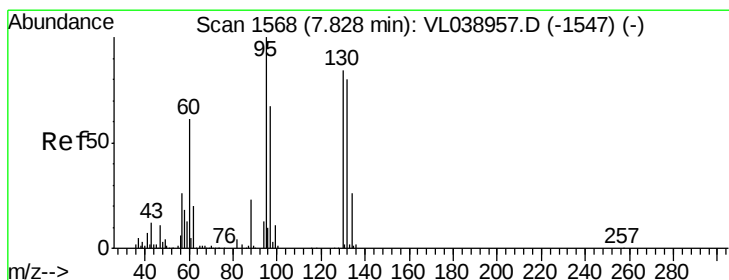
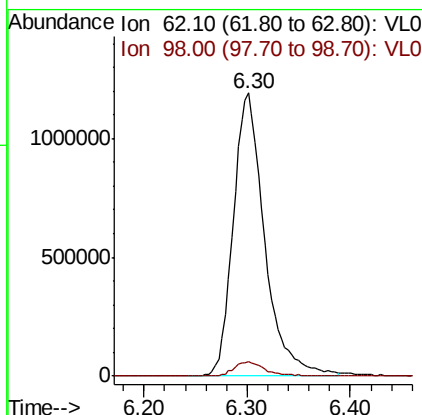
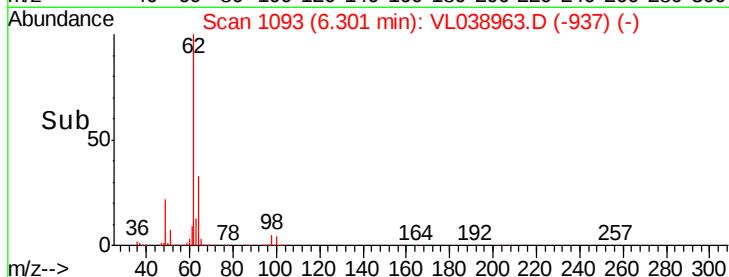
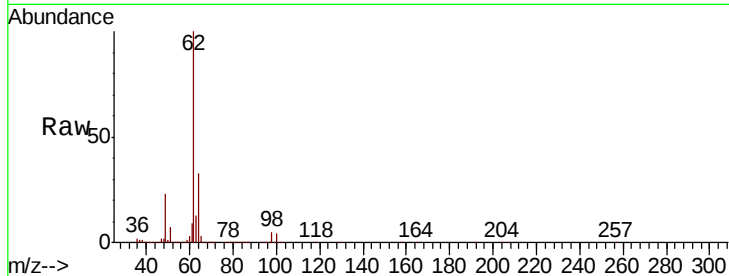


#37
 1,2-Dichloroethane
 Concen: 15.040 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 5 May 2022 6:34

Tot Ion:
 Ion Ratio
 62 100
 98 5.

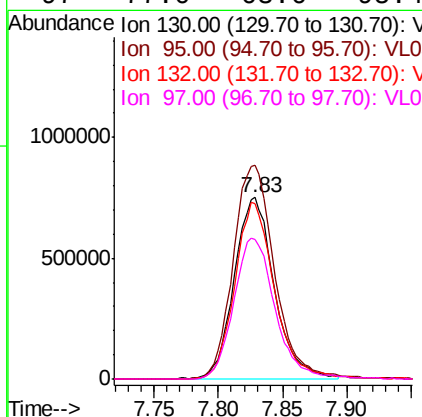
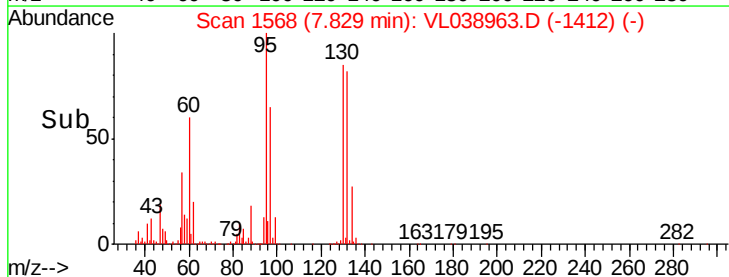
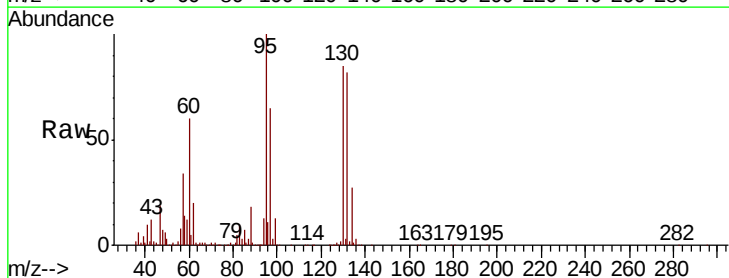
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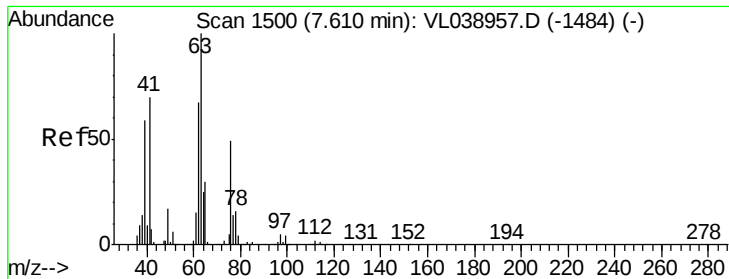
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#38
 Trichloroethene
 Concen: 14.336 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion:130 Resp: 1609920
 Ion Ratio Lower Upper
 130 100
 95 117.8 94.8 142.2
 132 96.8 75.8 113.8
 97 77.0 63.6 95.4



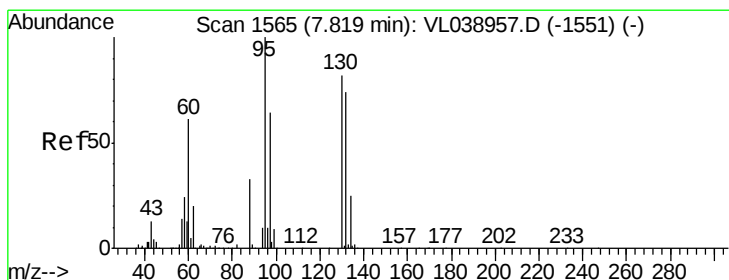
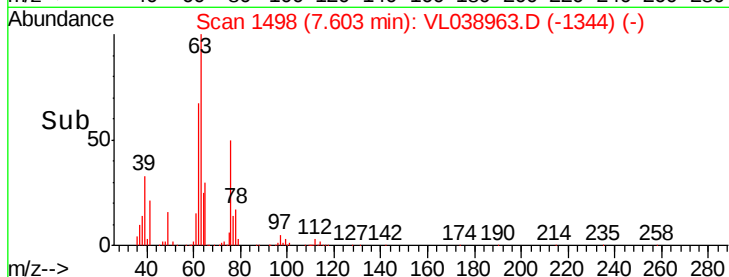
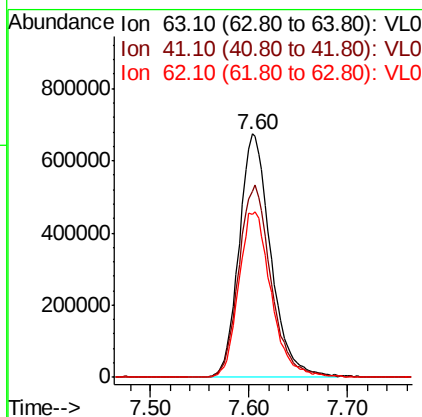
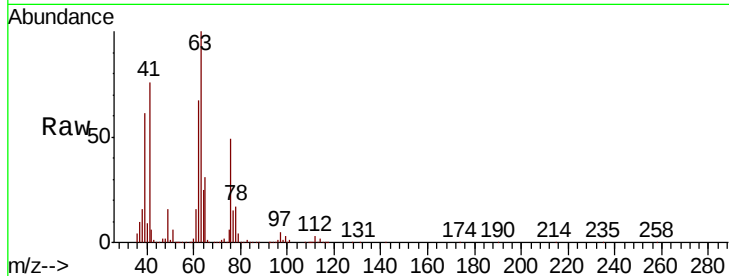


#39
 1,2-Dichloropropane
 Concen: 13.151 ppbv
 RT: 7.60
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 5 May 2022 8:34

Tot Ion:
 Ion Ratio
 63 100
 41 76.
 62 67.

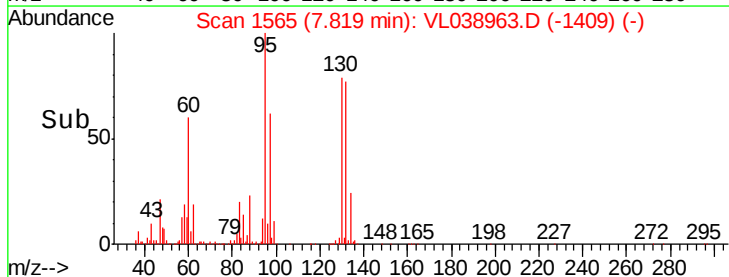
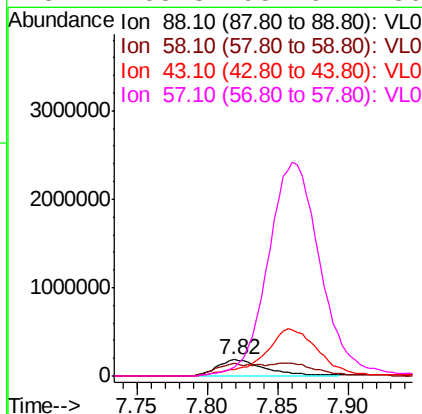
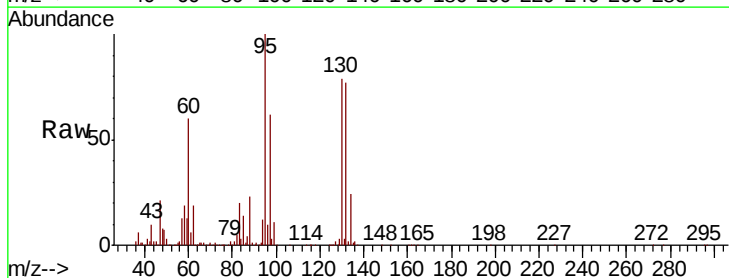
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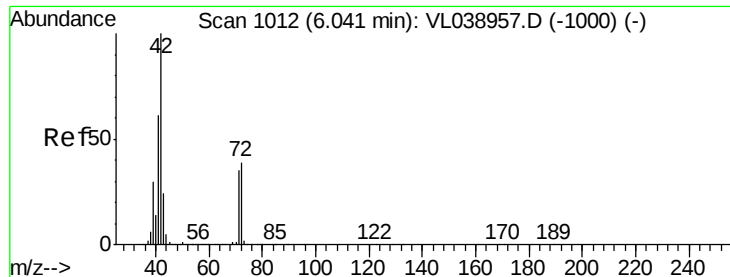
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#40
 1,4-Dioxane
 Concen: 14.681 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion: 88 Resp: 428119
 Ion Ratio Lower Upper
 88 100
 58 151.9 106.1 159.1
 43 339.4 222.9 334.3#
 57 1465.3 957.6 1436.4#



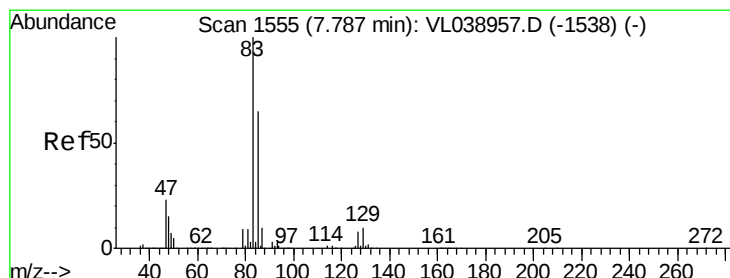
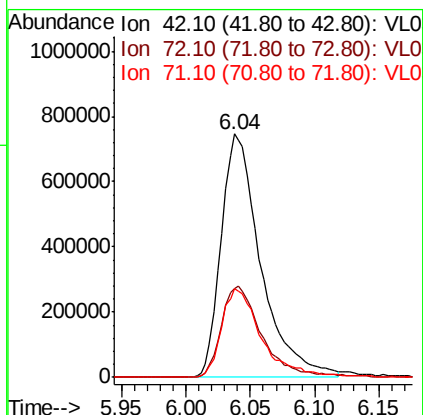
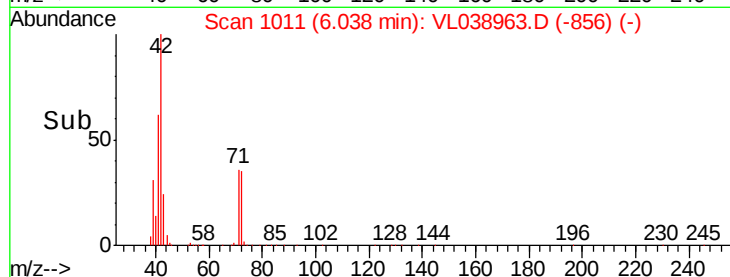
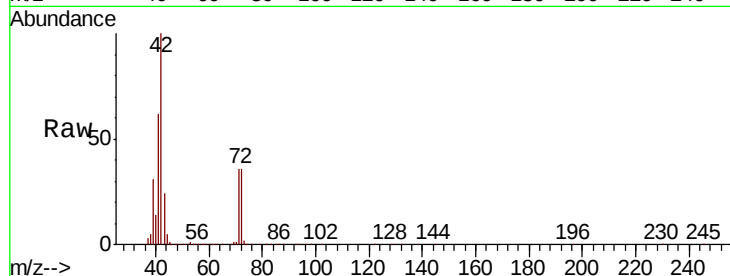


#41
Tetrahydrofuran
Concen: 20.968 ppbv
RT: 6.04
Instrument: MSVOA.L
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 5 May 2022 6:34

Tot Ion:
Ion Ratio
42 100
72 38.
71 37.

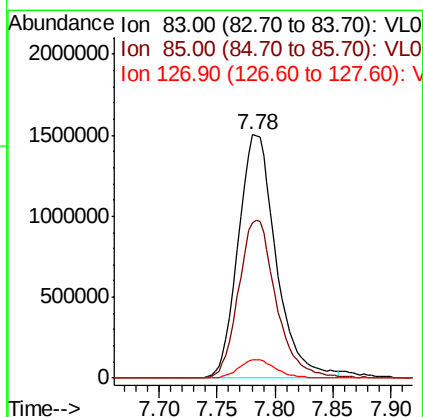
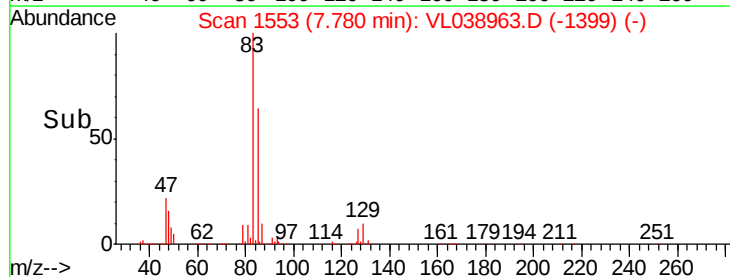
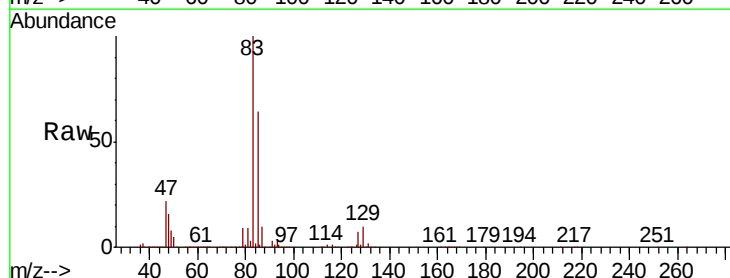
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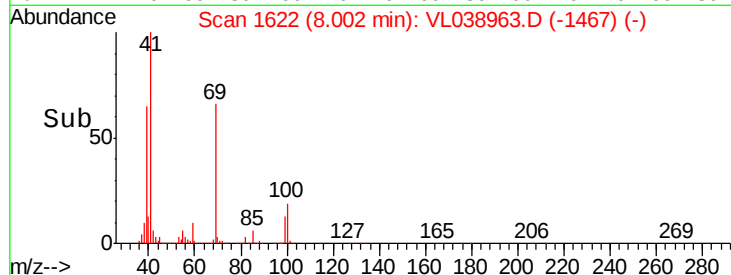
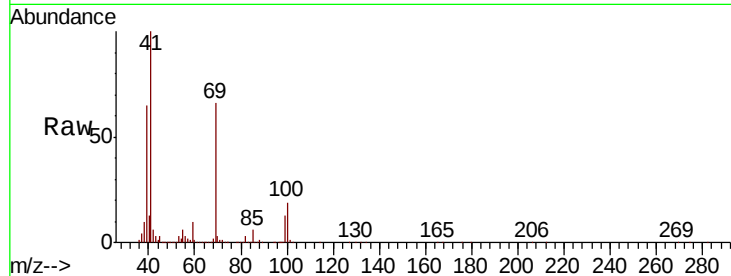
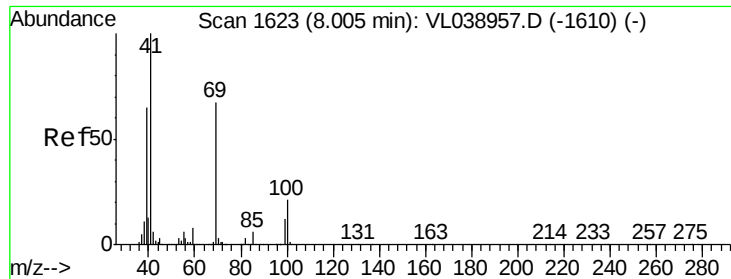
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#42
Bromodichloromethane
Concen: 14.948 ppbv
RT: 7.78 min Scan# 1553
Delta R.T.: -0.01 min
Lab File: VL038963.D
Acq: 5 May 2022 6:34

Tgt Ion: 83 Resp: 3410759
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0
127 7.3 6.0 9.0





#43

Methvl Methacrvlate

Concen: 16.605 ppbv

RT: 8.00

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 5 May 2022 8:34

Tot Ion:

Ion Ratio

69 100

41 153.

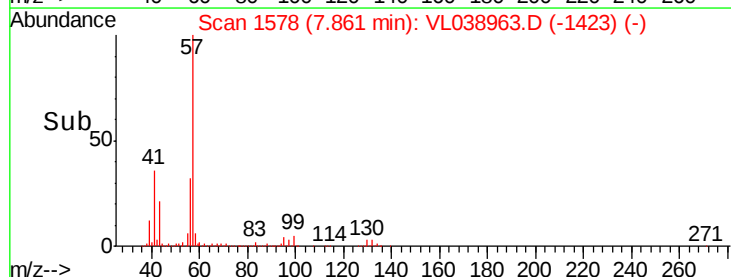
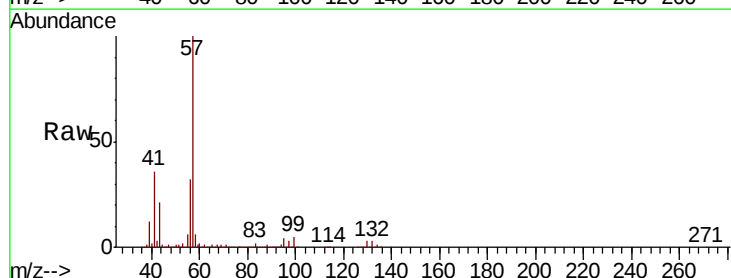
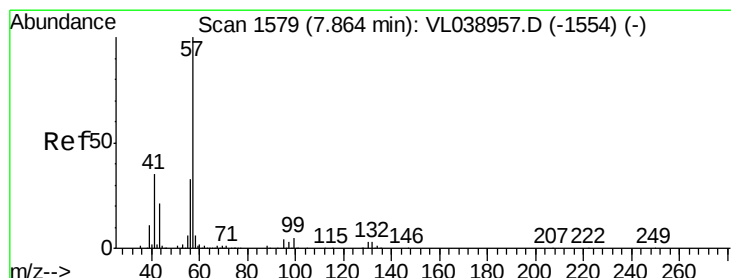
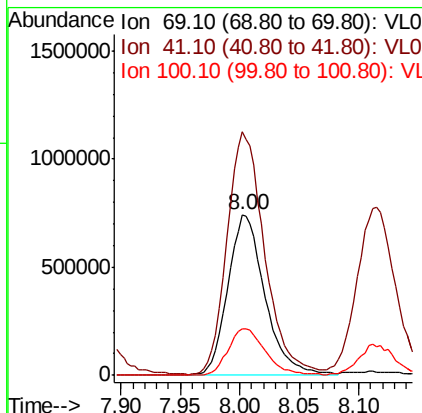
100 29.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#44

2,2,4-Trimethylpentane

Concen: 12.617 ppbv

RT: 7.86 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VL038963.D

Acq: 5 May 2022 6:34

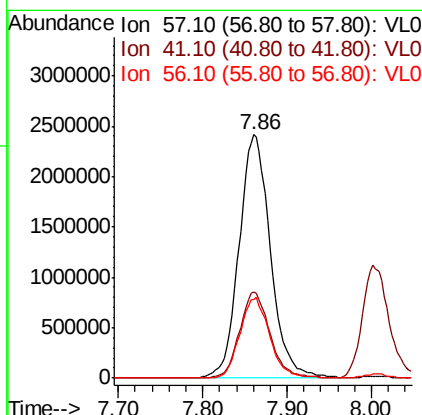
Tgt Ion: 57 Resp: 6258549

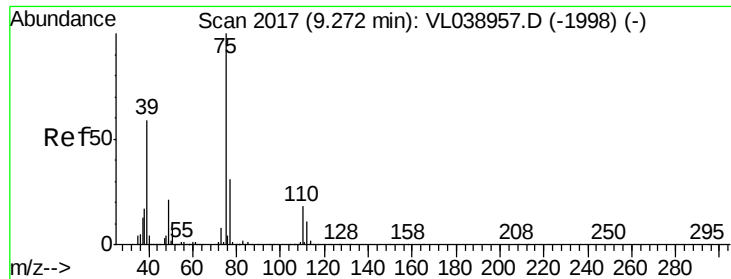
Ion Ratio Lower Upper

57 100

41 34.0 26.3 39.5

56 31.5 24.6 37.0





#45

t-1,3-Dichloropropene

Concen: 17.670 ppbv

RT: 9.27 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 5 May 2022 8:34

Tot Ion:

Ion Ratio

75 100

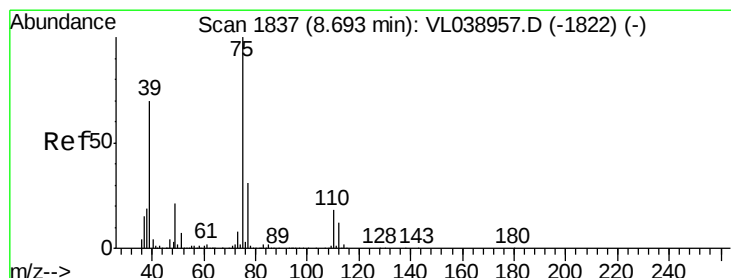
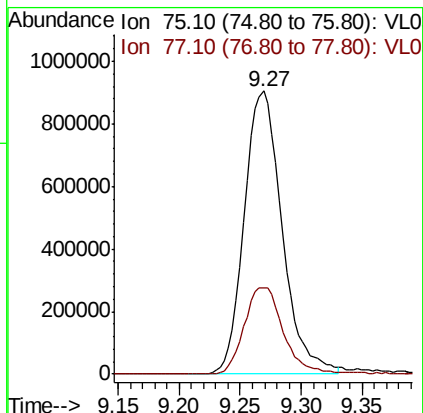
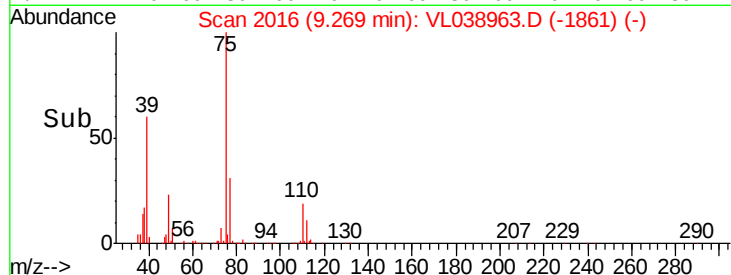
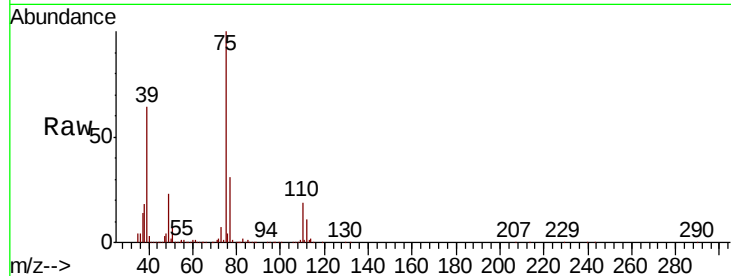
77 30.

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: 16.631 ppbv

RT: 8.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: VL038963.D

Acq: 5 May 2022 6:34

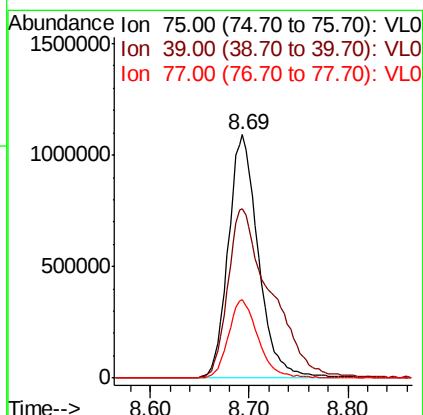
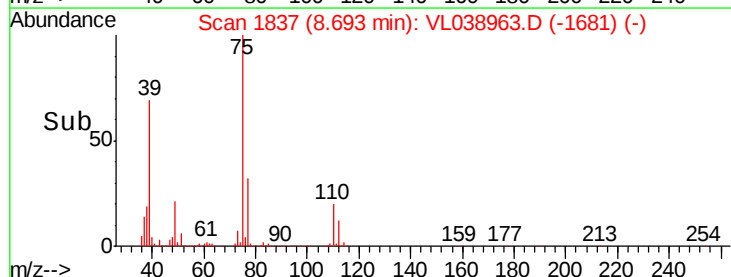
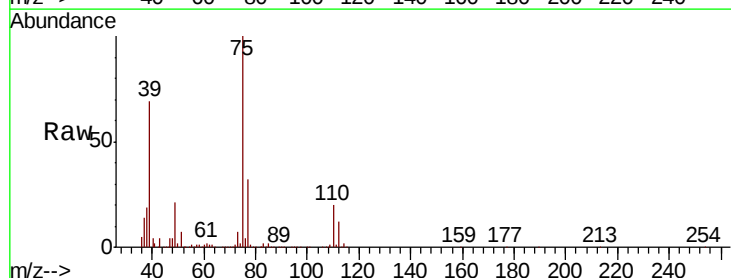
Tgt Ion: 75 Resp: 2318427

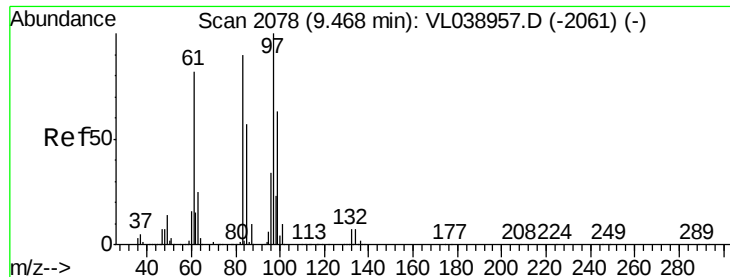
Ion Ratio Lower Upper

75 100

39 69.4 55.8 83.6

77 32.0 24.8 37.2



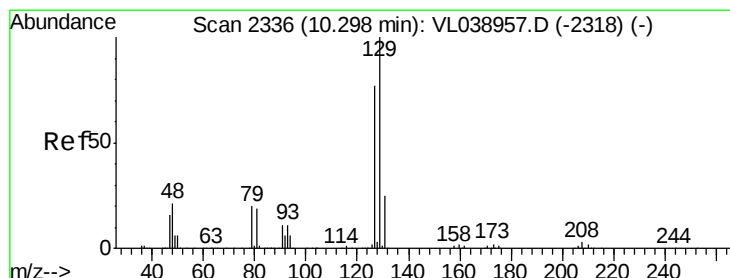
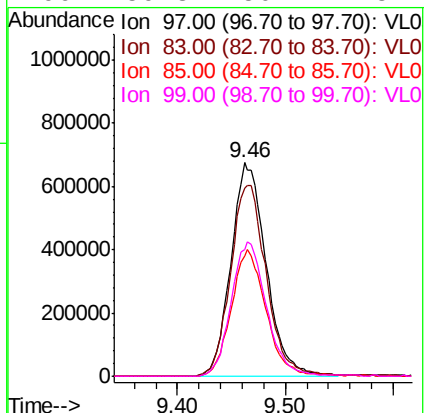
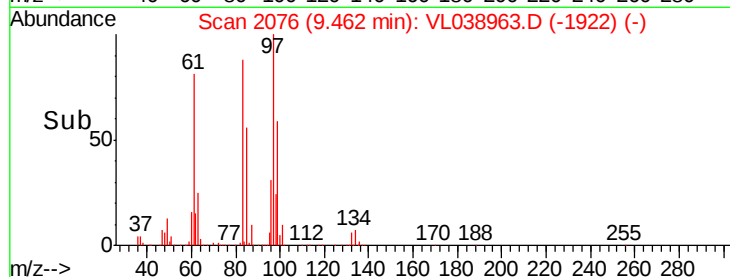
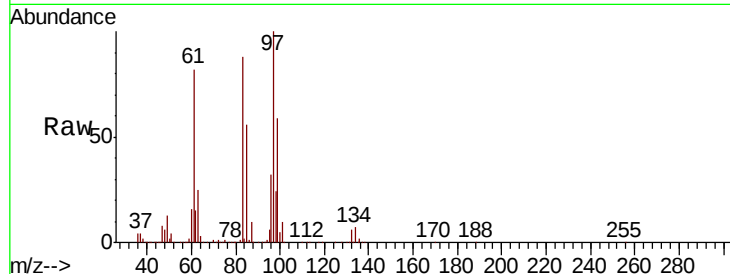


#47
1,1,2-Trichloroethane
Concen: 13.242 ppbv
RT: 9.46
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 5 May 2022 8:34

Tot Ion:
Ion Ratio
97 100
83 88.
85 56.
99 59.3 50.2 75.4

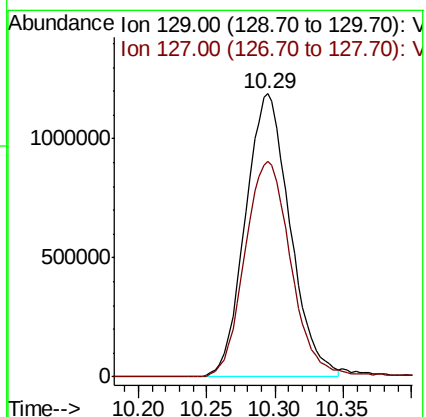
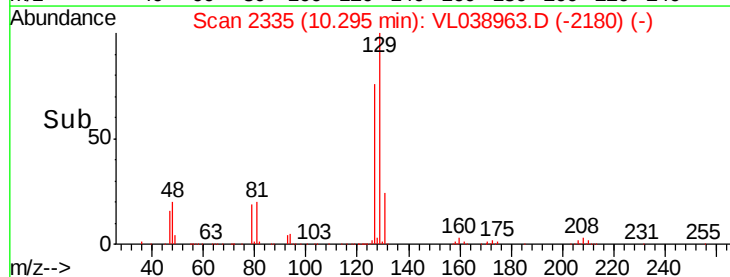
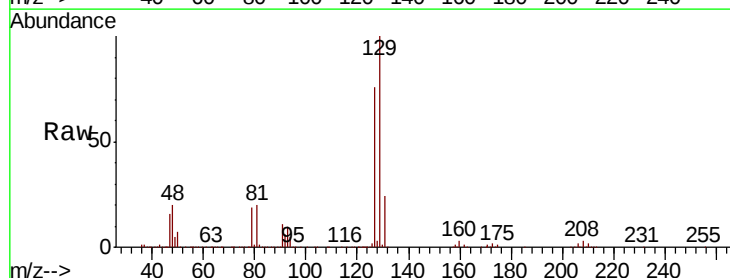
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APPROVED

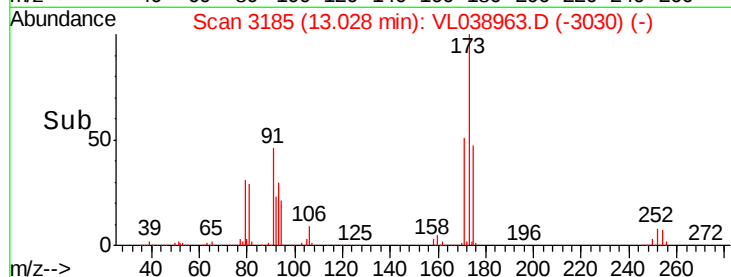
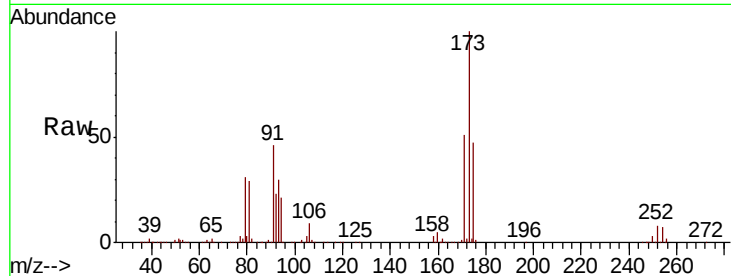
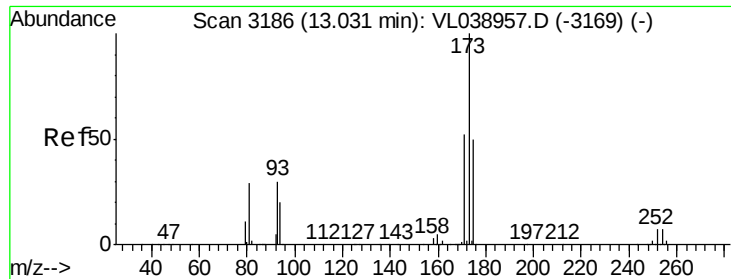
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#48
Dibromochloromethane
Concen: 15.218 ppbv
RT: 10.29 min Scan# 2335
Delta R.T. -0.00 min
Lab File: VL038963.D
Acq: 5 May 2022 6:34

Tgt Ion:129 Resp: 2705427
Ion Ratio Lower Upper
129 100
127 79.7 39.3 117.9





#49

Bromoform

Concen: 14.736 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 0:34

Tot Ion:1

Ion Ratio

173 100

175 53.

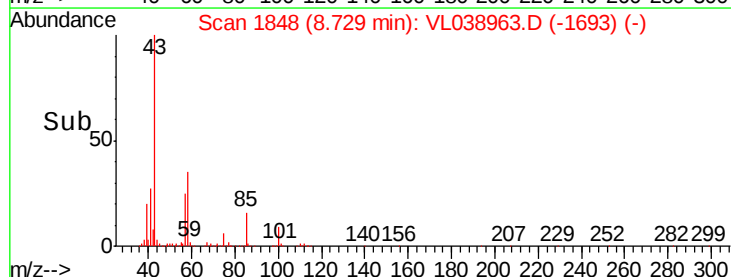
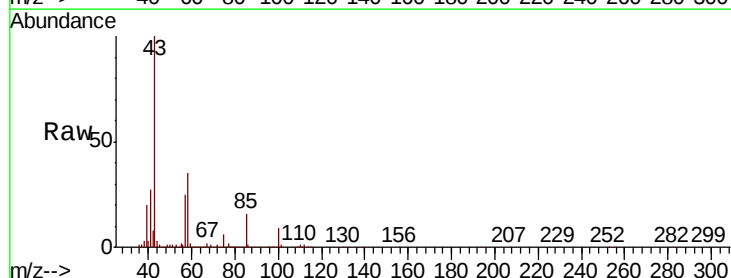
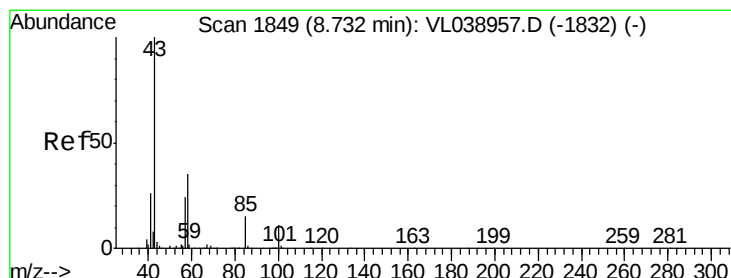
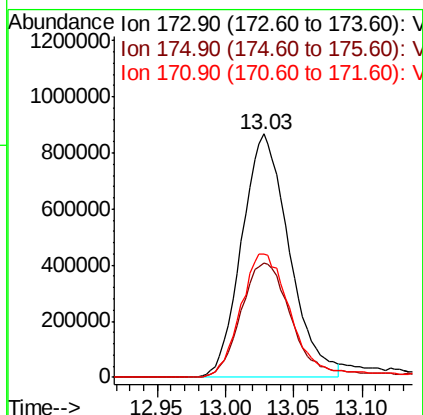
171 57.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#50

4-Methyl-2-Pentanone

Concen: 17.544 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VL038963.D

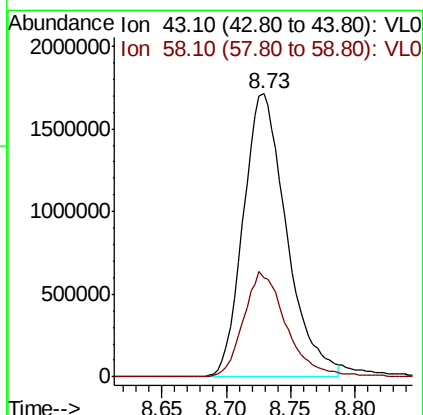
Acq: 5 May 2022 6:34

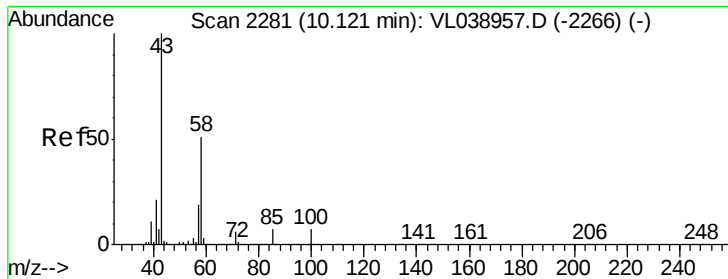
Tgt Ion: 43 Resp: 4001752

Ion Ratio Lower Upper

43 100

58 37.1 28.4 42.6



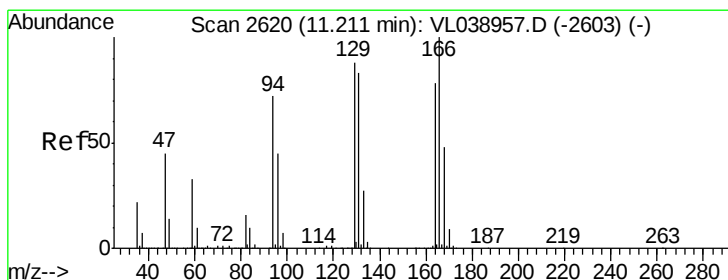
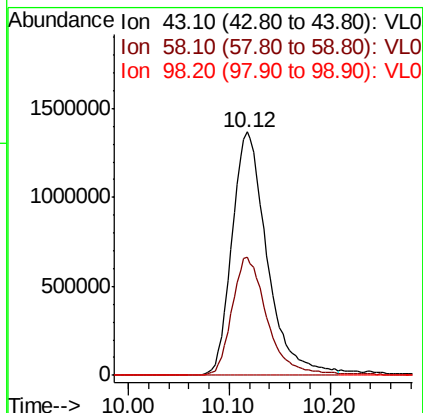
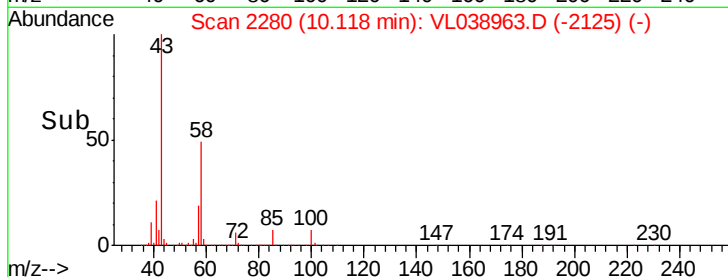
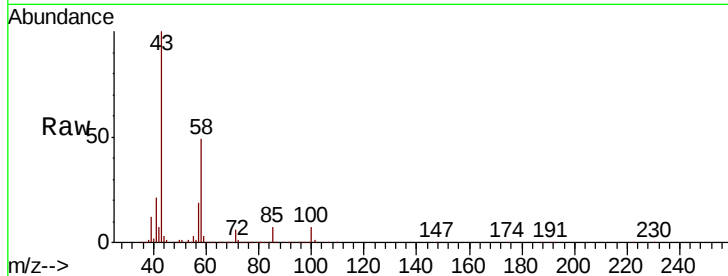


#51
2-Hexanone
Concen: 25.720 ppbv
RT: 10.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 8:34

Tot Ion:
Ion Ratio
43 100
58 49.
98 0.

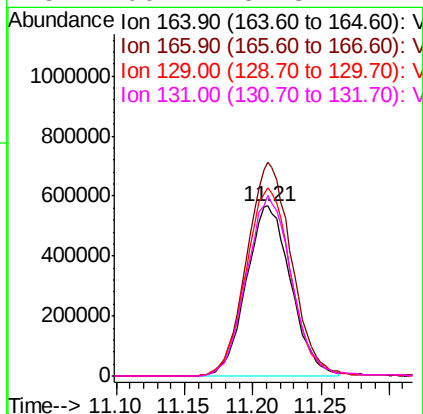
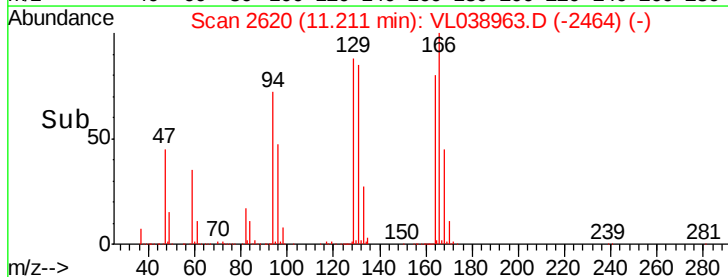
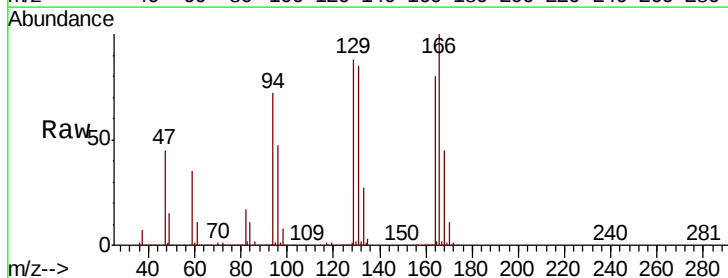
Manual Integrations
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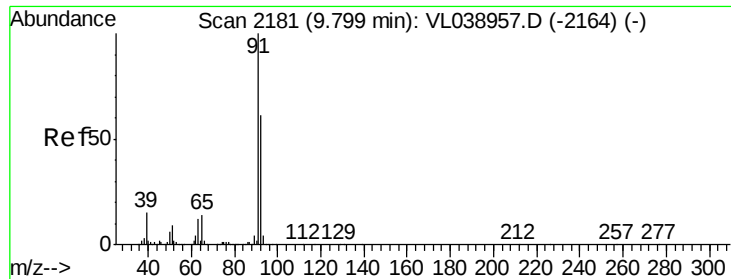
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#52
Tetrachloroethene
Concen: 12.364 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. 0.00 min
Lab File: VL038963.D
Acq: 5 May 2022 6:34

Tgt Ion:164 Resp: 1280252
Ion Ratio Lower Upper
164 100
166 125.6 102.5 153.7
129 110.2 90.1 135.1
131 106.2 84.8 127.2





#53

Toluene

Concen: 14.236 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 8:34

Tot Ion:

Ion Ratio

91 100

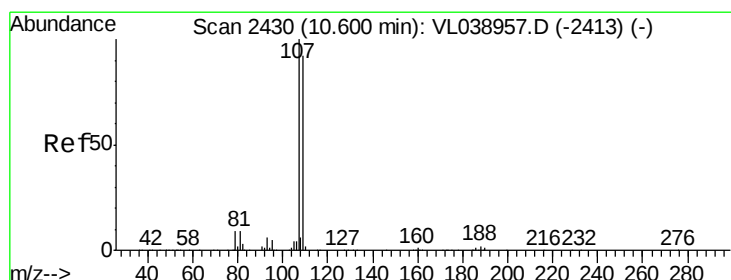
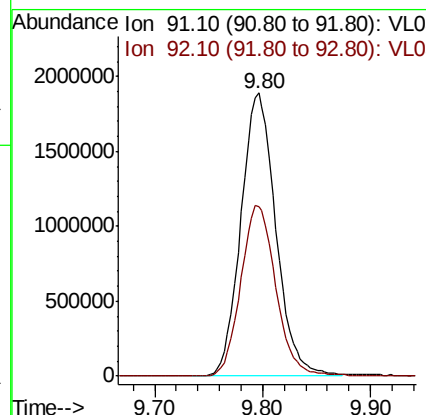
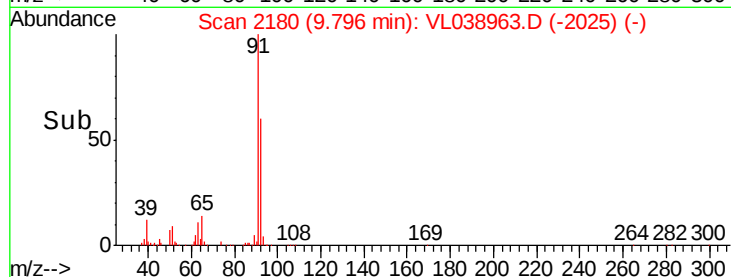
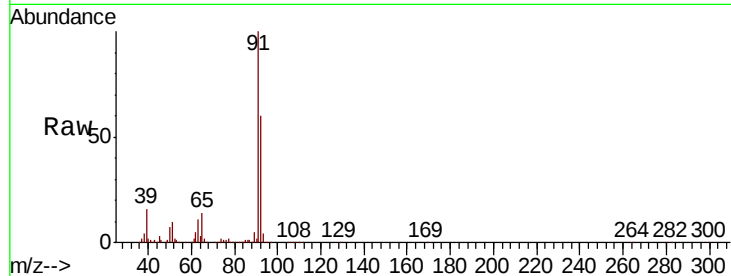
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#54

1,2-Dibromoethane

Concen: 13.534 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VL038963.D

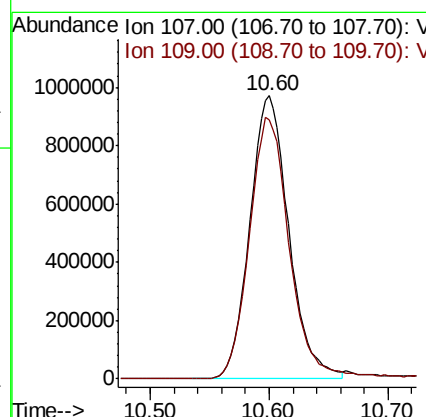
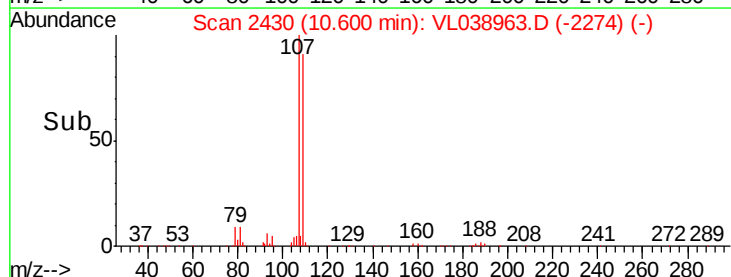
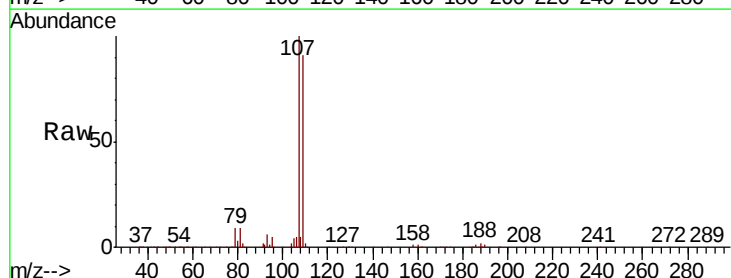
Acq: 5 May 2022 6:34

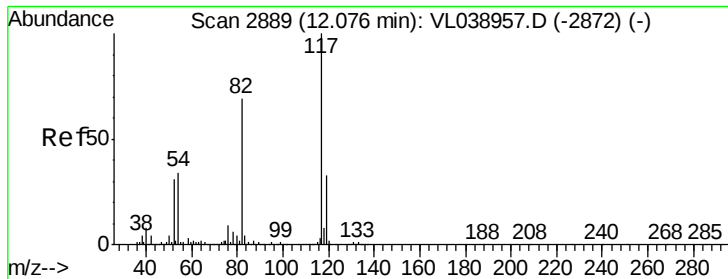
Tgt Ion:107 Resp: 2203779

Ion Ratio Lower Upper

107 100

109 91.3 73.8 110.8



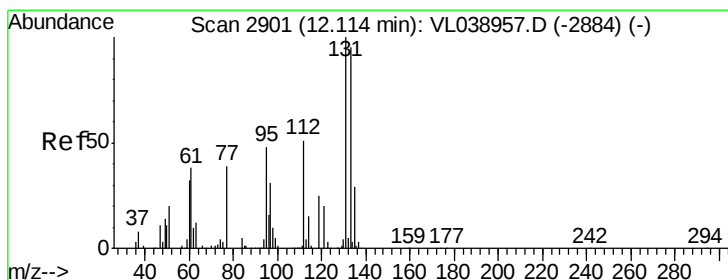
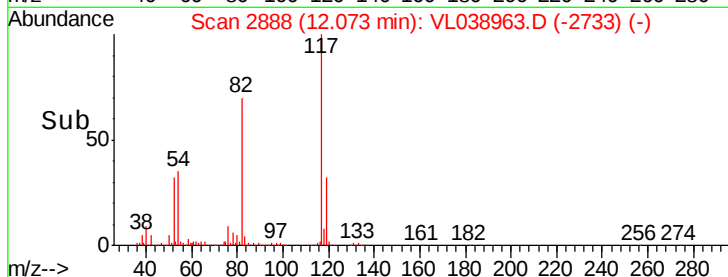
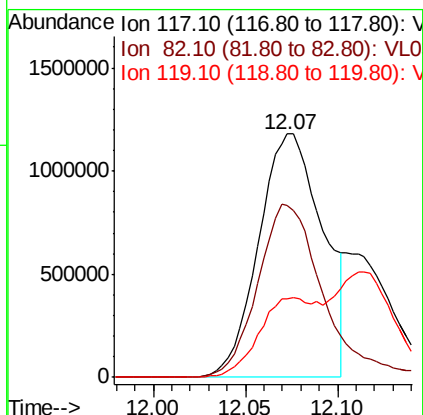
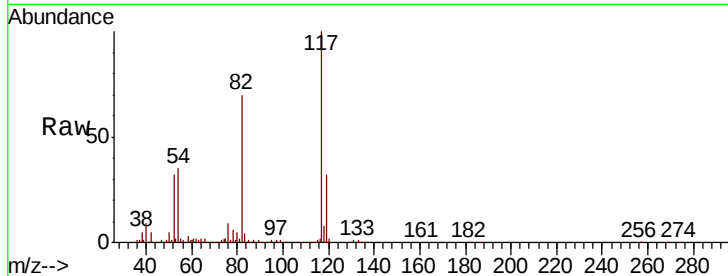


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.07
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 5 May 2022 0:34

Tot Ion:1
Ion Rati
117 100
82 74.
119 73.

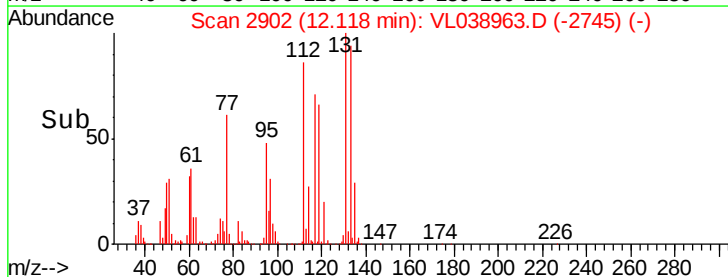
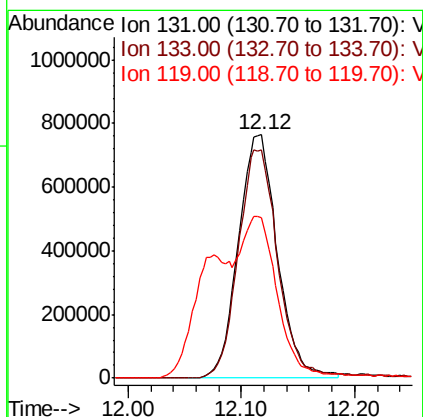
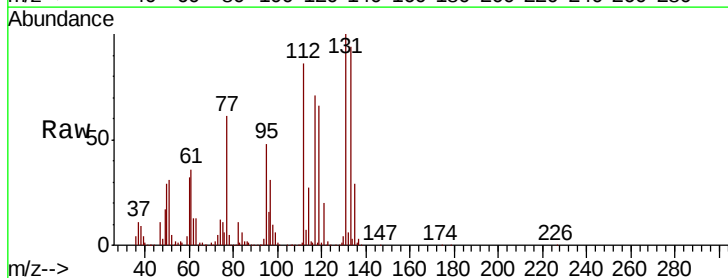
Manual Integrations
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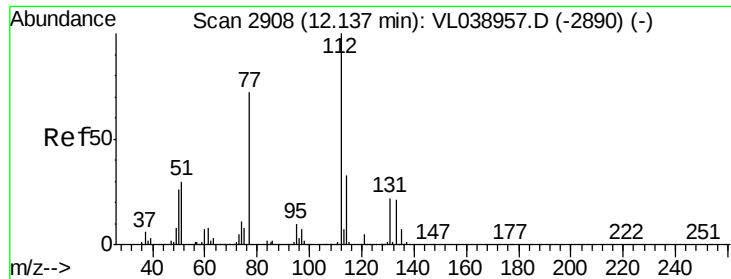
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 14.248 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL038963.D
Acq: 5 May 2022 6:34

Tgt Ion:131 Resp: 1834964
Ion Ratio Lower Upper
131 100
133 96.8 76.9 115.3
119 115.4 47.4 71.0#



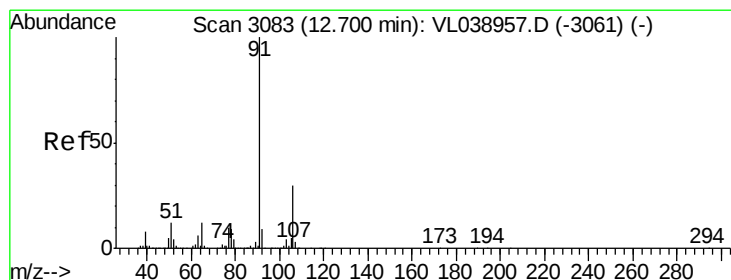
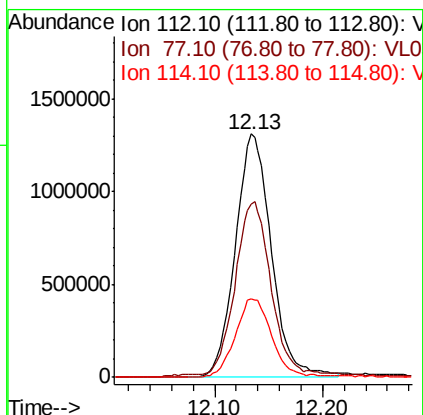
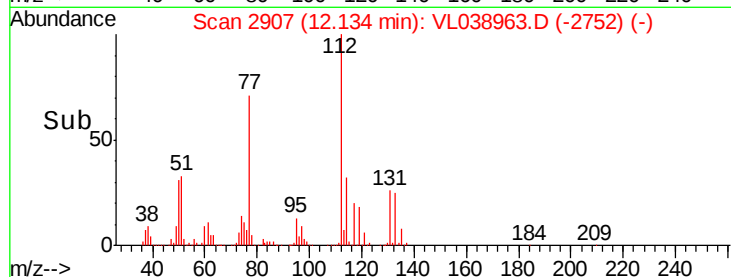
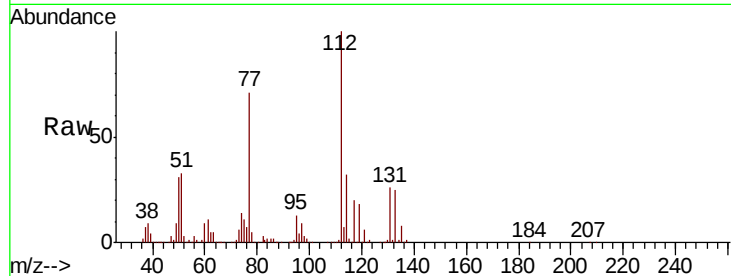


#57
Chlorobenzene
Concen: 12.753 ppbv
RT: 12.13 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 5 May 2022 8:34

Tot Ion:1
Ion Rati
112 100
77 70.
114 31.

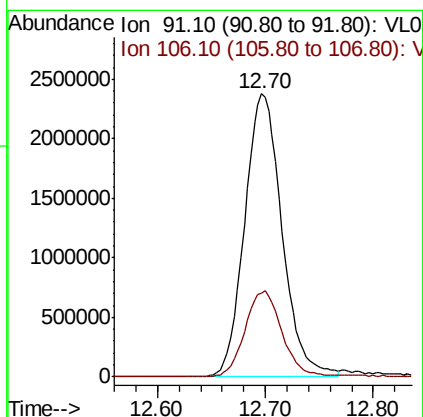
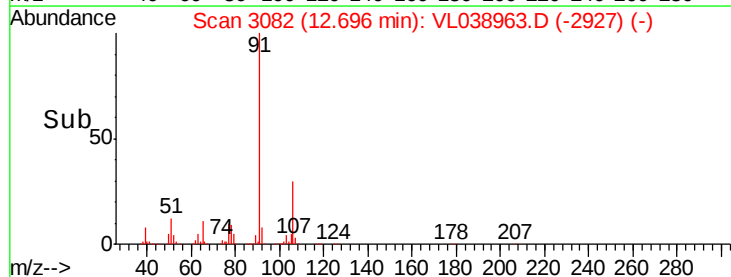
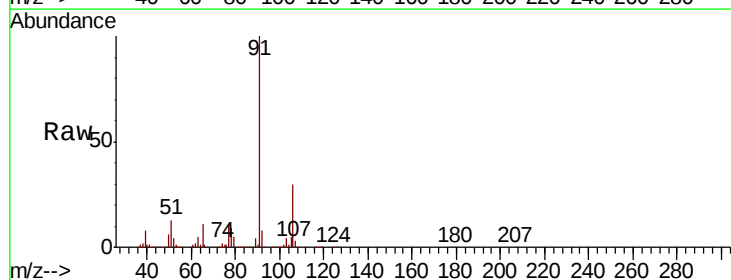
Manual Integrations
APPROVED

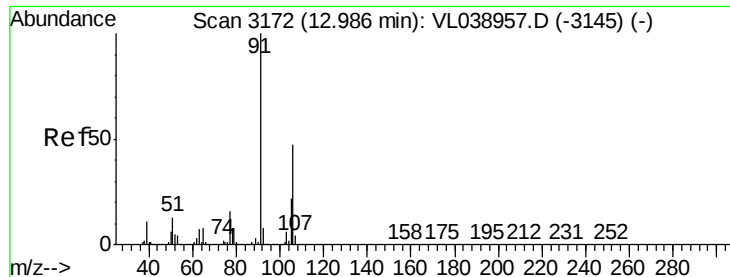
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#58
Ethyl Benzene
Concen: 13.922 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.00 min
Lab File: VL038963.D
Acq: 5 May 2022 6:34

Tgt Ion: 91 Resp: 5722884
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.4



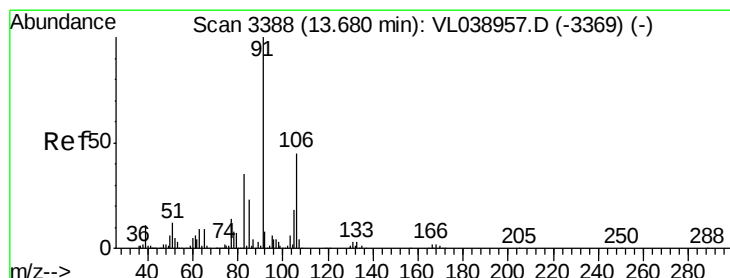
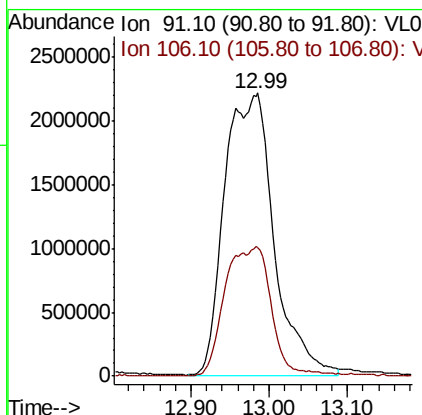
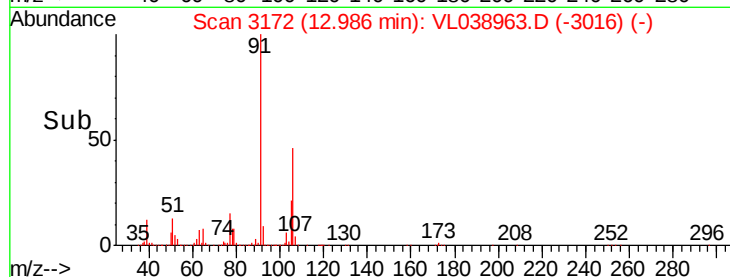
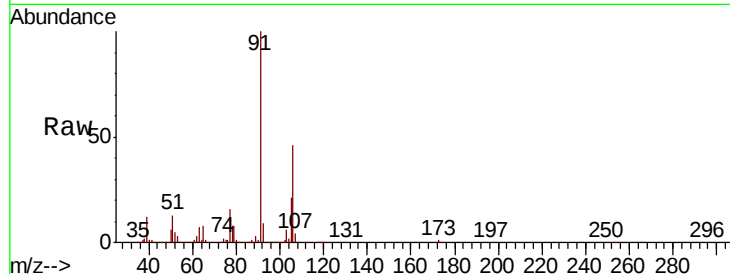


#59
m/p-Xylene
Concen: 27.286 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 5 May 2022 0:34

Tot Ion:
Ion Ratio
91 100
106 43.

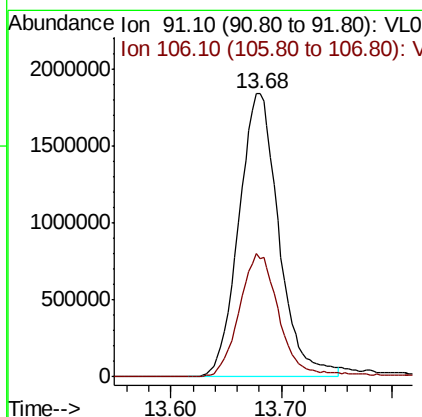
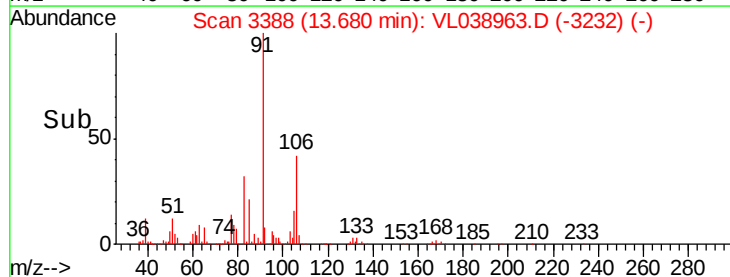
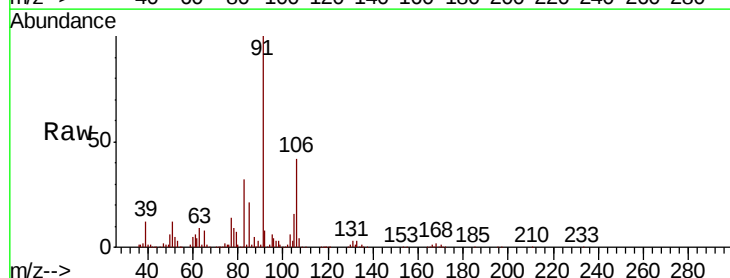
Manual Integrations
APPROVED

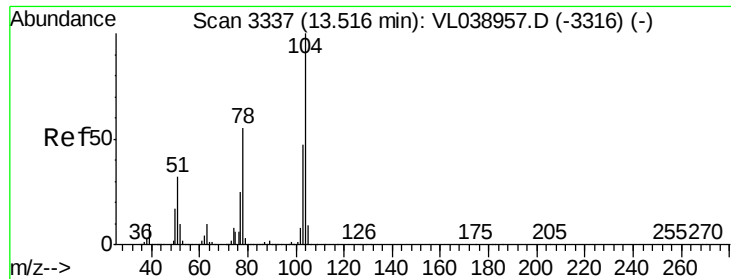
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#60
o-Xylene
Concen: 13.328 ppbv
RT: 13.68 min Scan# 3388
Delta R.T.: 0.00 min
Lab File: VL038963.D
Acq: 5 May 2022 6:34

Tgt Ion: 91 Resp: 4628501
Ion Ratio Lower Upper
91 100
106 44.4 22.2 66.6





#61

Stvrene

Concen: 15.426 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 8:34

Tot Ion:1

Ion Rati

104 100

78 59.

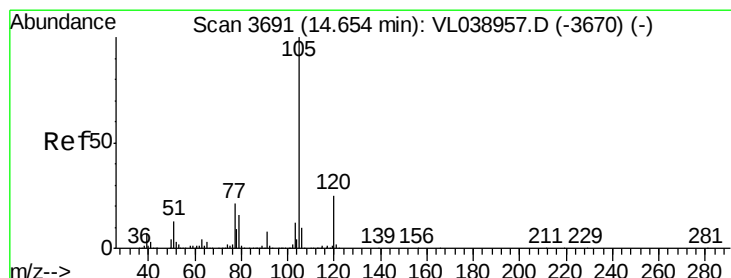
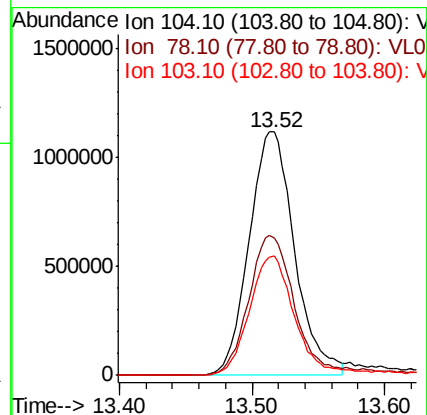
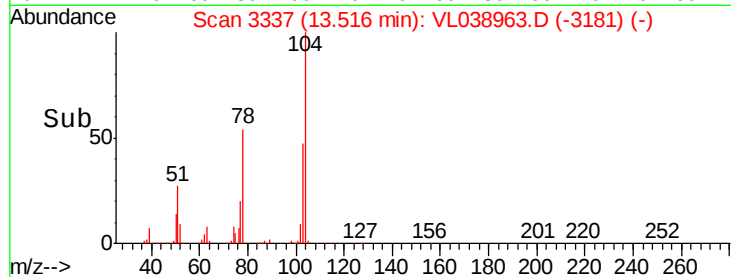
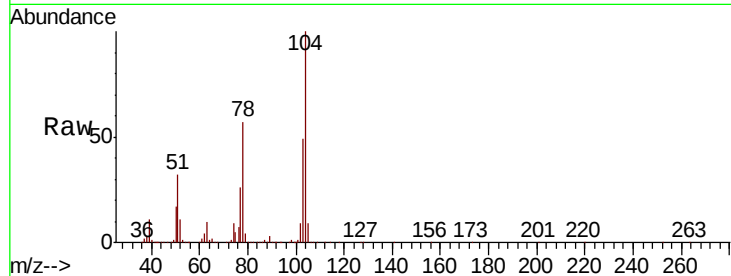
103 50.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#62

Isopropylbenzene

Concen: 14.296 ppbv

RT: 14.65 min Scan# 3691

Delta R.T. 0.00 min

Lab File: VL038963.D

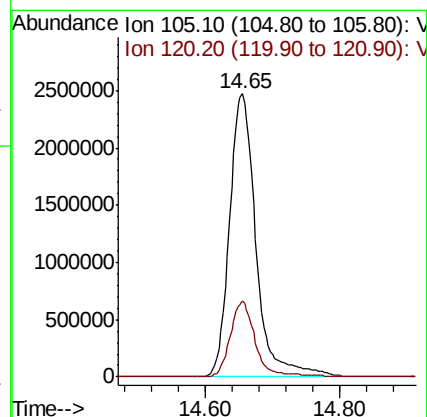
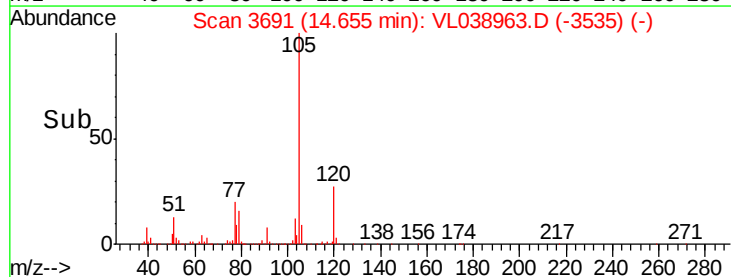
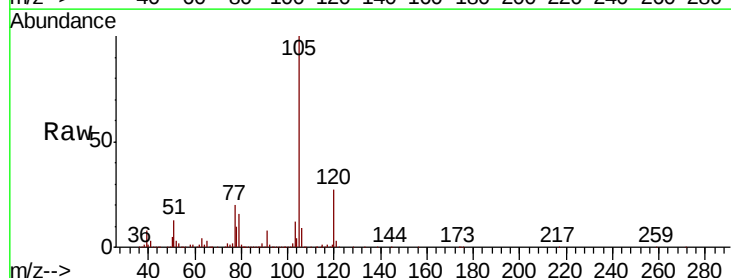
Acq: 5 May 2022 6:34

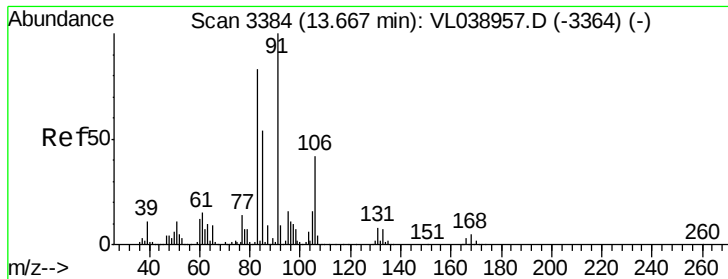
Tgt Ion:105 Resp: 6761124

Ion Ratio Lower Upper

105 100

120 25.5 20.5 30.7



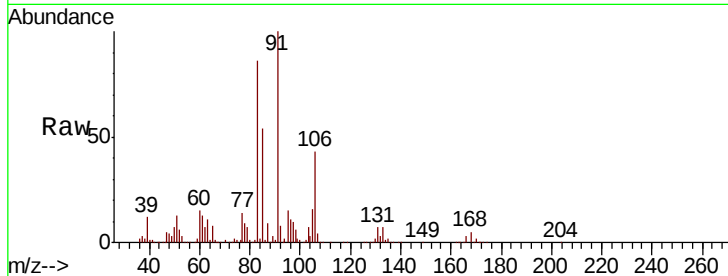


#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.972 ppbv
 RT: 13.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 5 May 2022 8:34

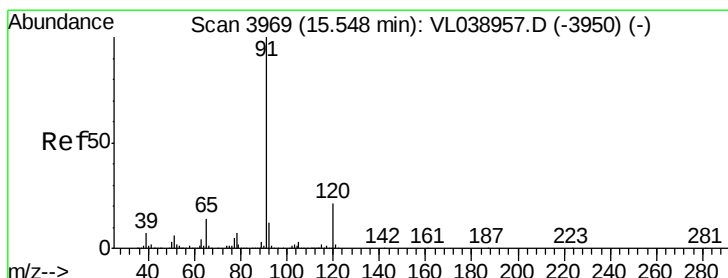
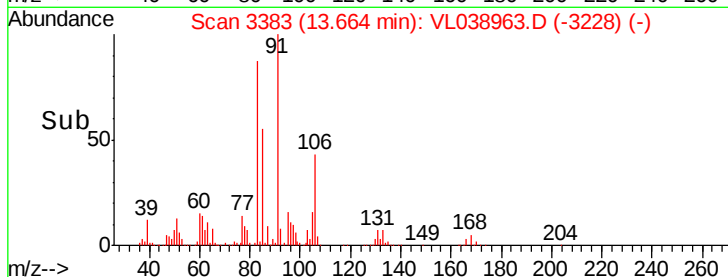
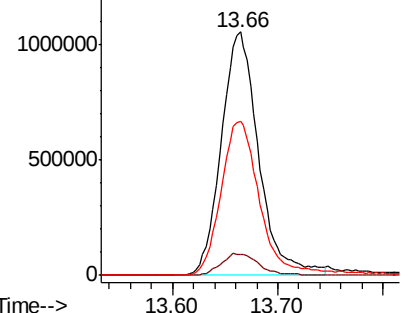
Tot Ion:
 Ion Rati
 83 100
 131 9.
 85 66.

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

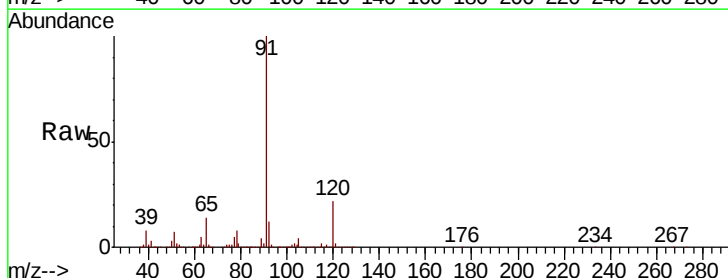


Abundance Ion 83.00 (82.70 to 83.70): VL0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VL0

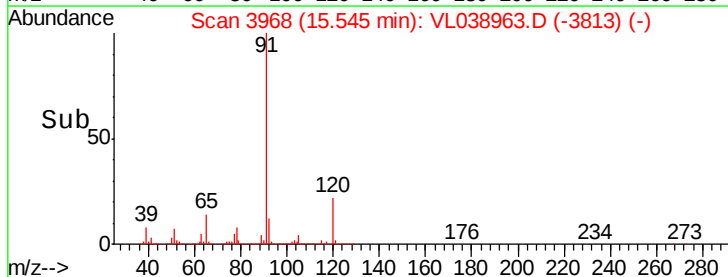
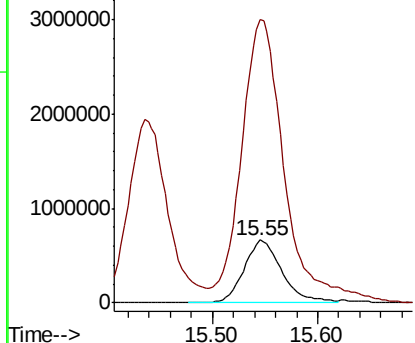


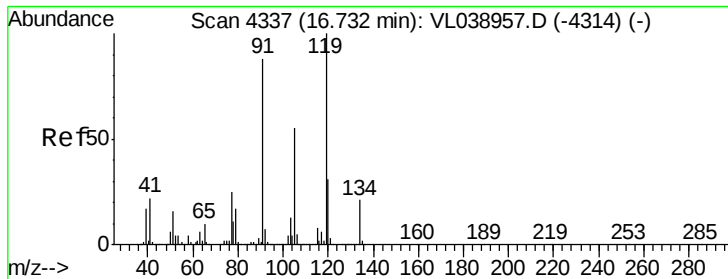
#64
 n-propylbenzene
 Concen: 14.540 ppbv
 RT: 15.55 min Scan# 3968
 Delta R.T. -0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion:120 Resp: 1677207
 Ion Ratio Lower Upper
 120 100
 91 506.9 400.6 601.0



Abundance Ion 120.20 (119.90 to 120.90): V
 Ion 91.10 (90.80 to 91.80): VL0





#65

tert-Butylbenzene

Concen: 13.720 ppbv

RT: 16.73

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC015

Acq: 5 May 2022 8:34

Tot Ion:1

Ion Ratio

119 100

91 87.

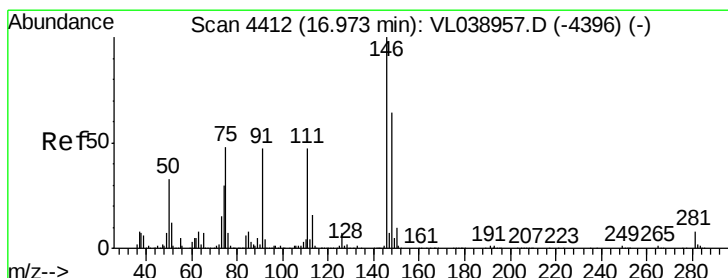
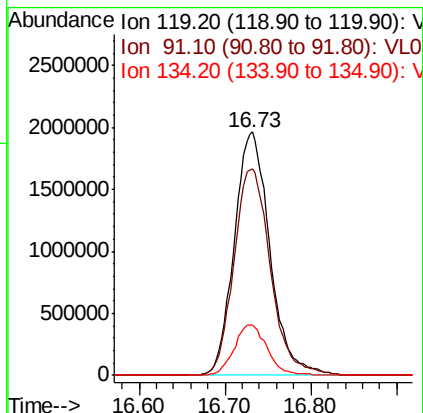
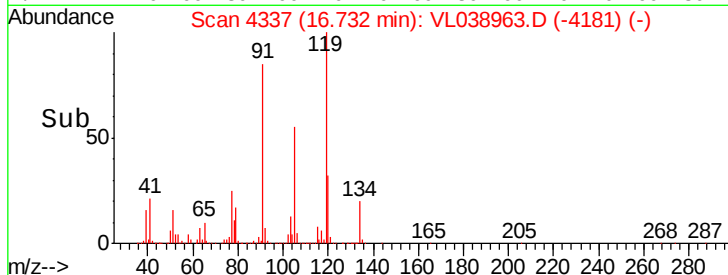
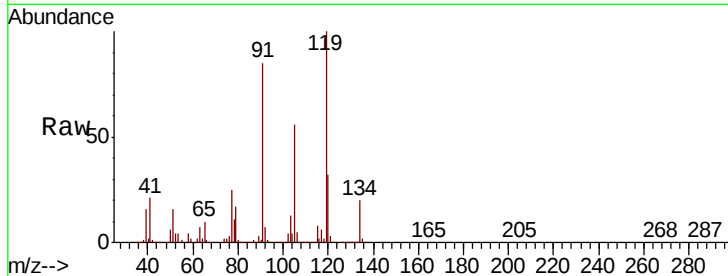
134 19.

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#66

Benzyl Chloride

Concen: 23.624 ppbv

RT: 16.97 min Scan# 4412

Delta R.T. 0.00 min

Lab File: VL038963.D

Acq: 5 May 2022 6:34

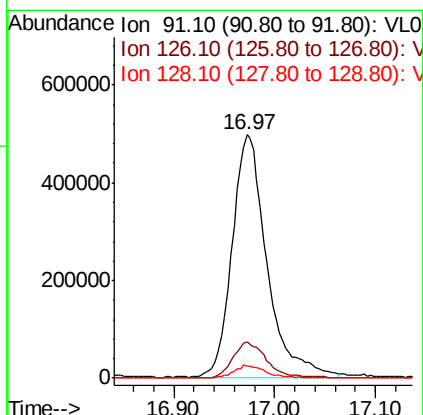
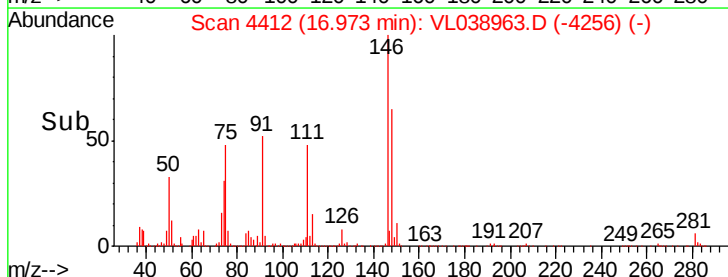
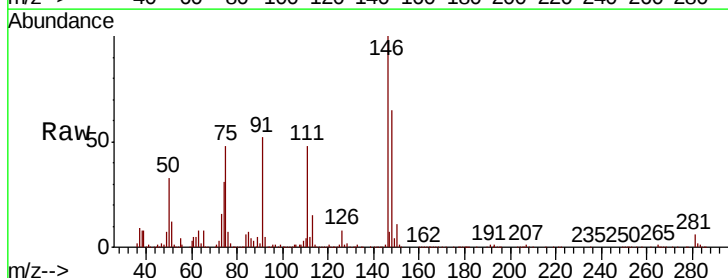
Tgt Ion: 91 Resp: 1186623

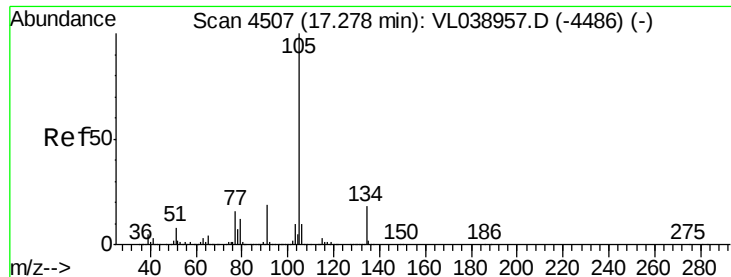
Ion Ratio Lower Upper

91 100

126 14.9 11.8 17.6

128 5.0 4.2 6.2





#67

sec-Butylbenzene

Concen: 13.798 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 8:34

Tot Ion:1

Ion Ratio

105 100

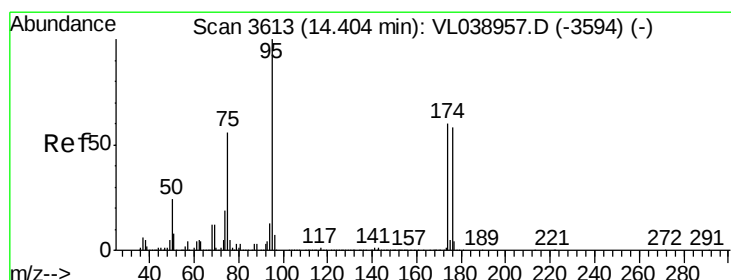
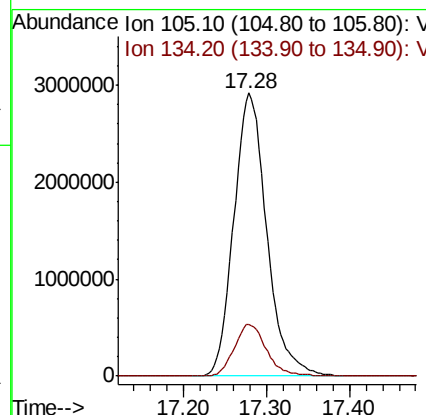
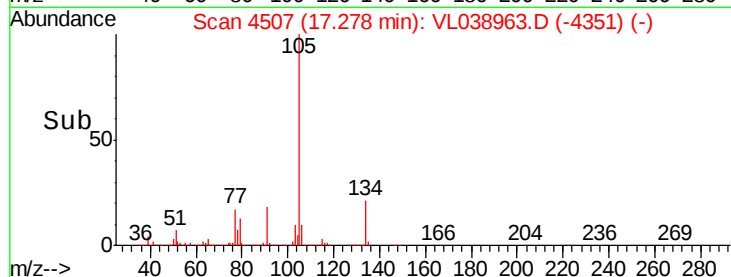
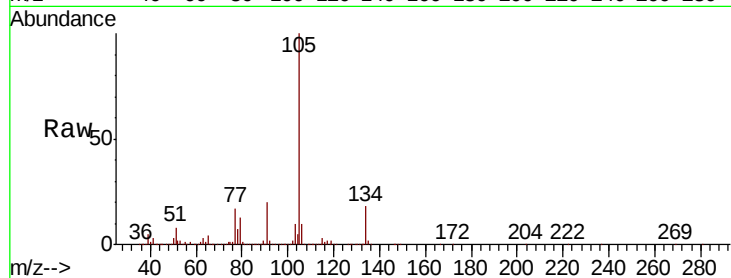
134 18.

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.120 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.00 min

Lab File: VL038963.D

Acq: 5 May 2022 6:34

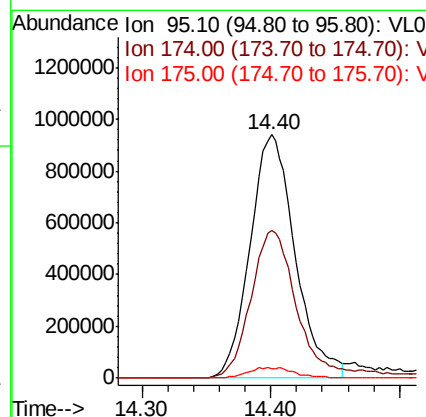
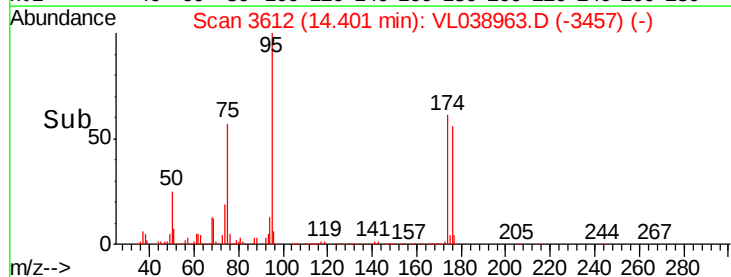
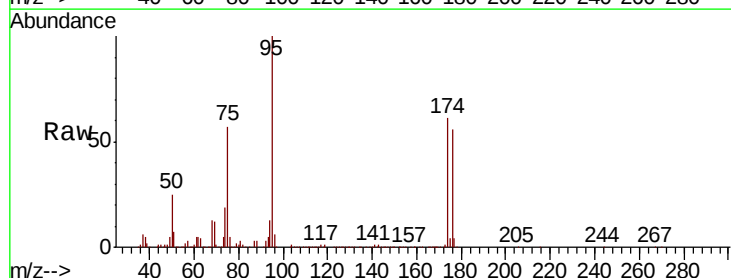
Tgt Ion: 95 Resp: 2288785

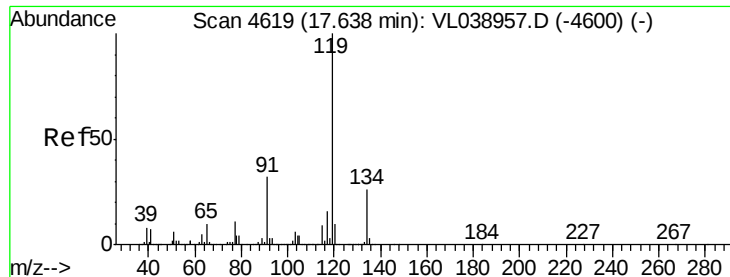
Ion Ratio Lower Upper

95 100

174 65.0 50.8 76.2

175 4.6 3.8 5.6



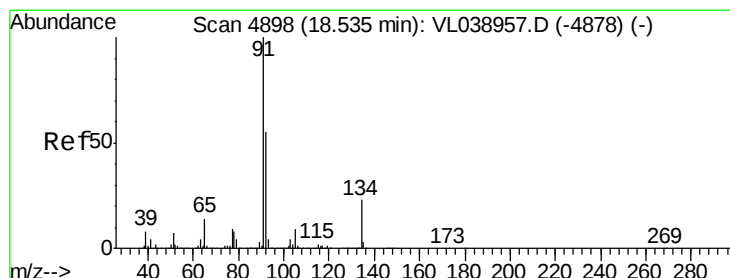
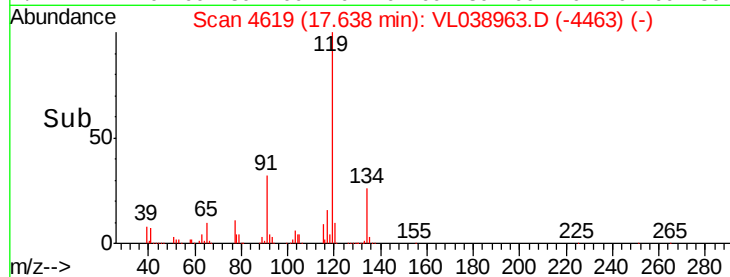
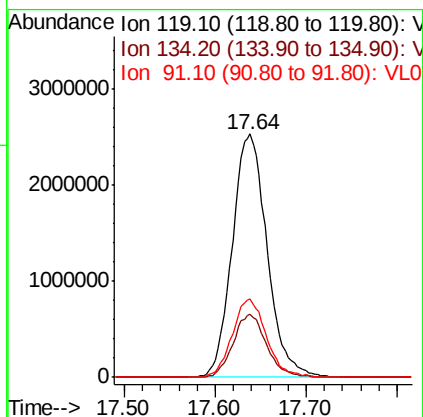
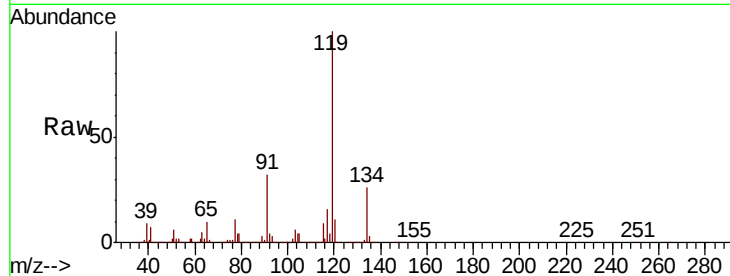


#69
 p-Isopropyltoluene
 Concen: 14.701 ppbv
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.: 0.00 min
 Lab File: VSTDIC015
 Acq: 5 May 2022 8:34

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.1
 91 31.1

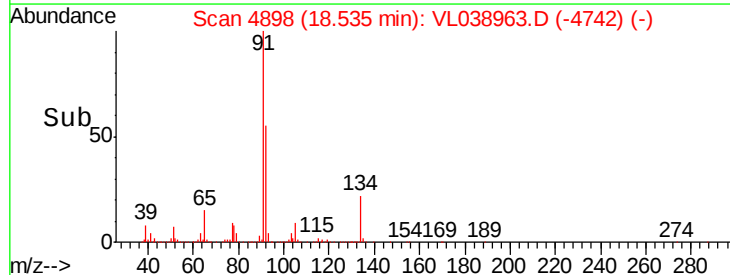
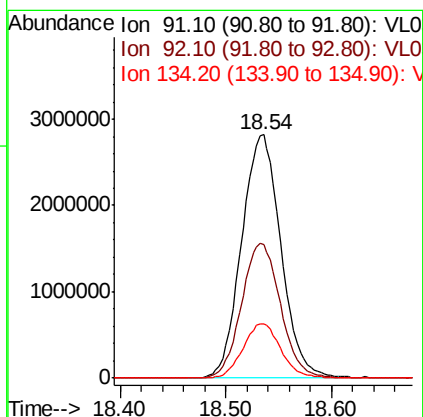
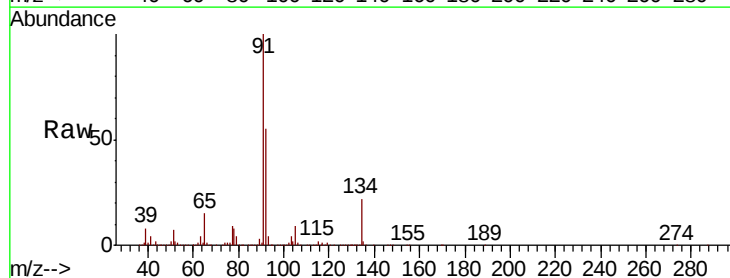
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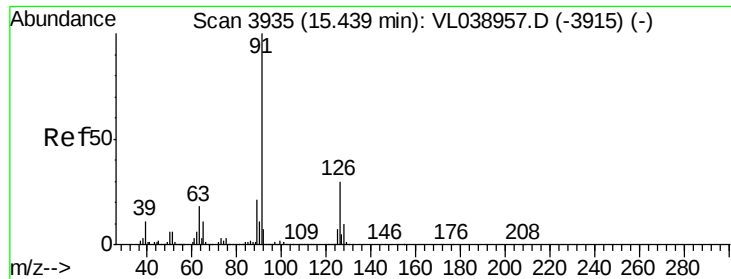
Reviewed By : Semsettin Yesilyurt 05/07/2022
 Supervised By : Mahesh Dadoda 05/09/2022



#70
 n-Butylbenzene
 Concen: 15.273 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T.: 0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion: 91 Resp: 7295169
 Ion Ratio Lower Upper
 91 100
 92 55.1 43.1 64.7
 134 21.7 17.0 25.4



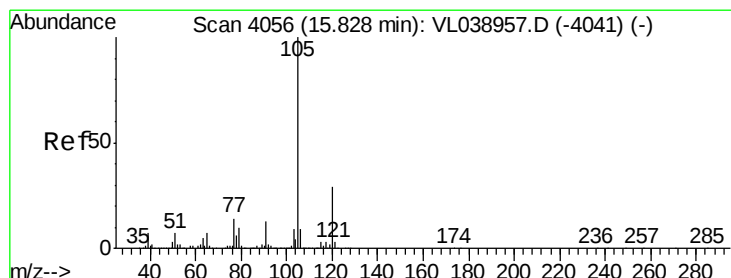
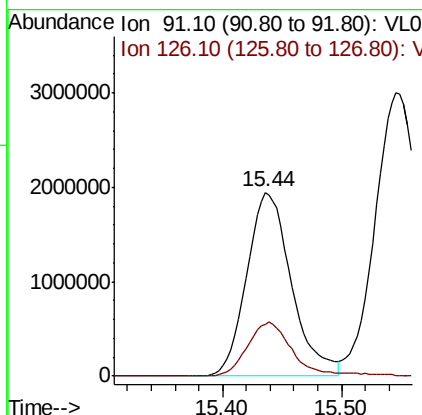
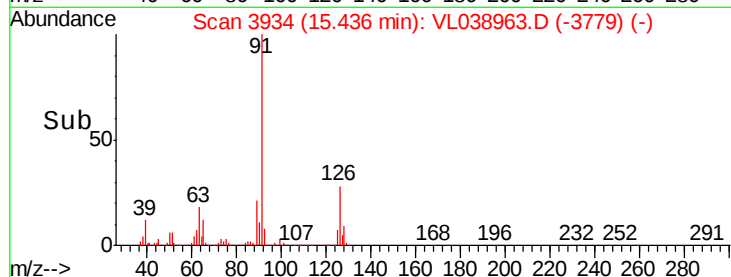
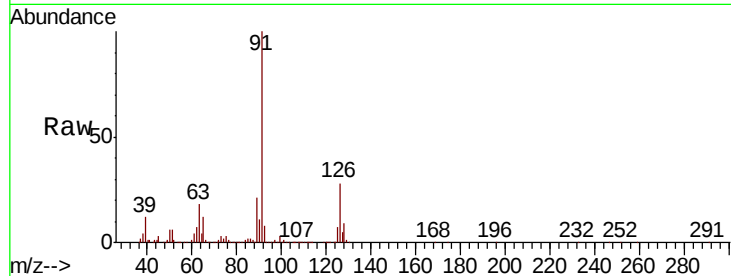


#71
 2-Chlorotoluene
 Concen: 14.217 ppbv
 RT: 15.44
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 5 May 2022 8:34

Tot Ion:
 Ion Ratio
 91 100
 126 30.

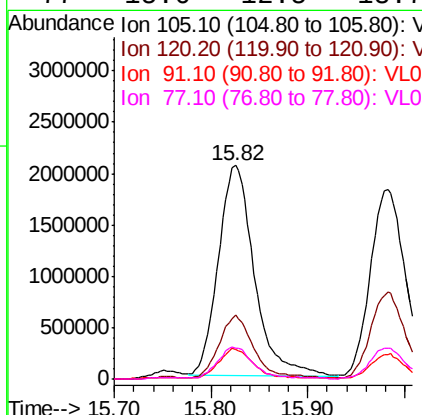
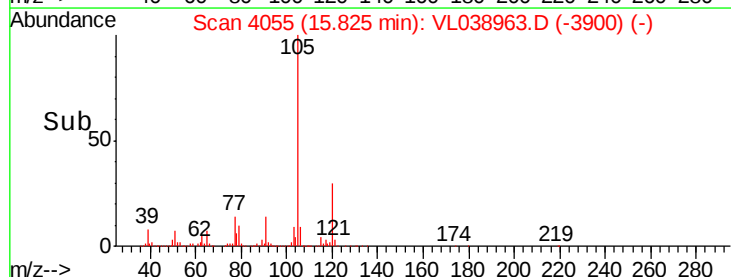
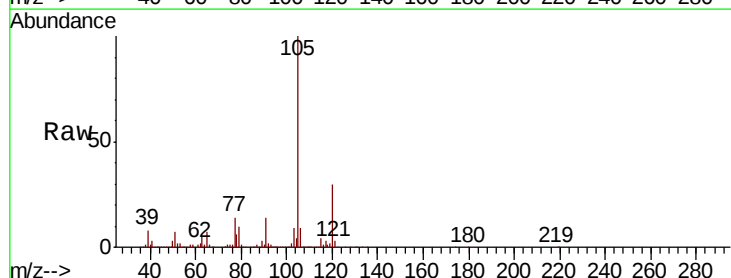
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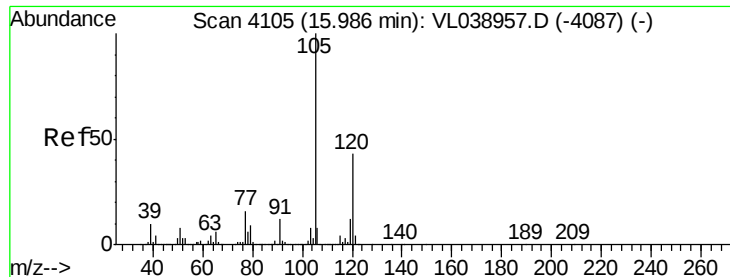
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#72
 4-Ethyltoluene
 Concen: 13.932 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion:105 Resp: 5311996
 Ion Ratio Lower Upper
 105 100
 120 29.8 23.4 35.0
 91 13.6 10.6 16.0
 77 15.6 12.5 18.7





#73

1,3,5-Trimethylbenzene

Concen: 13.888 ppbv

RT: 15.98 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 0:34

Tot Ion:1

Ion Rati

105 100

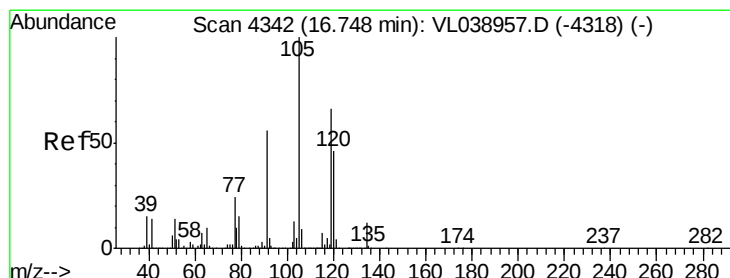
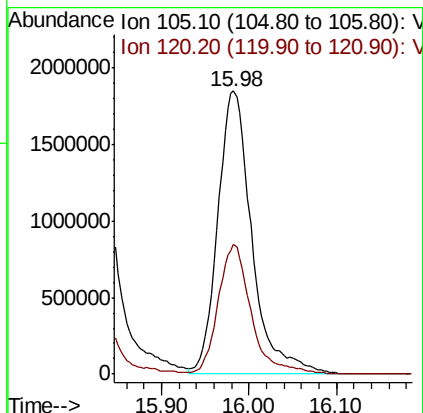
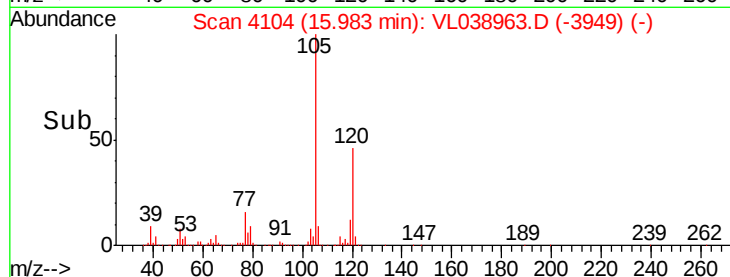
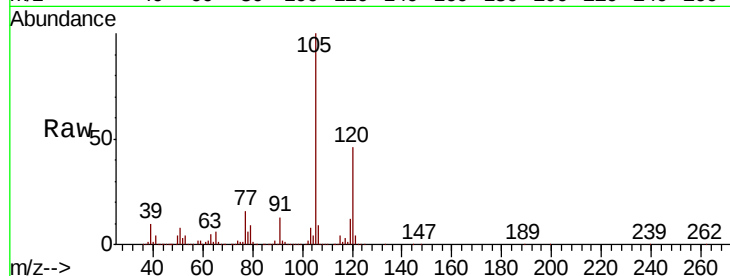
120 46.

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#74

1,2,4-Trimethylbenzene

Concen: 13.379 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. 0.00 min

Lab File: VL038963.D

Acq: 5 May 2022 6:34

Tgt Ion:105 Resp: 5133602

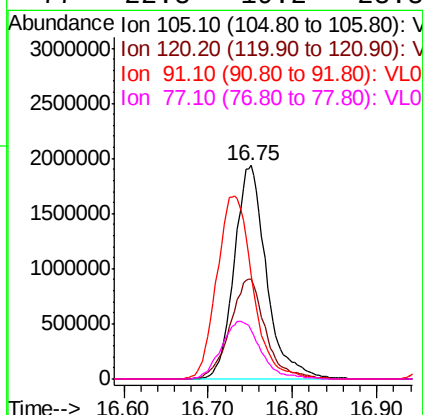
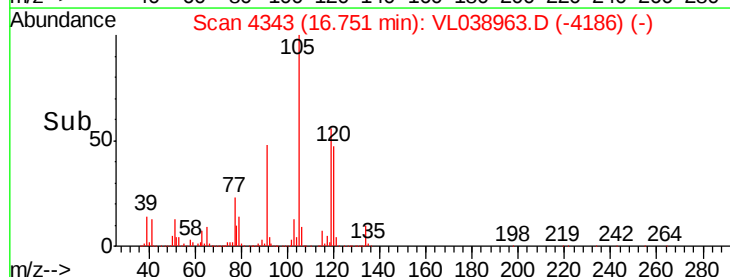
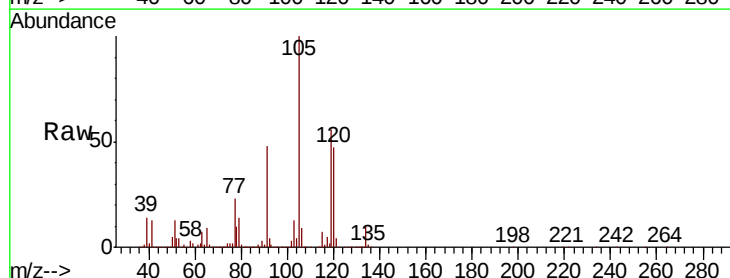
Ion Ratio Lower Upper

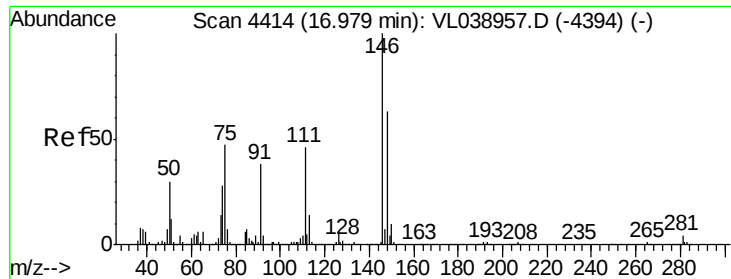
105 100

120 46.8 36.9 55.3

91 48.3 45.0 67.4

77 22.8 19.2 28.8



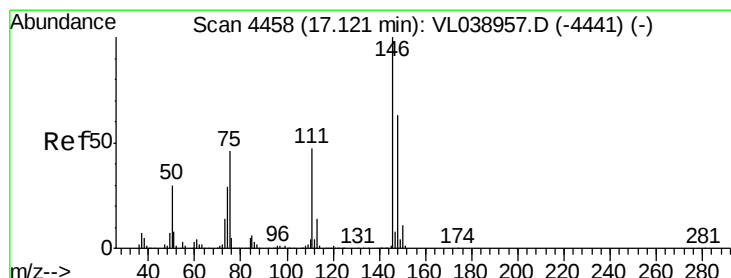
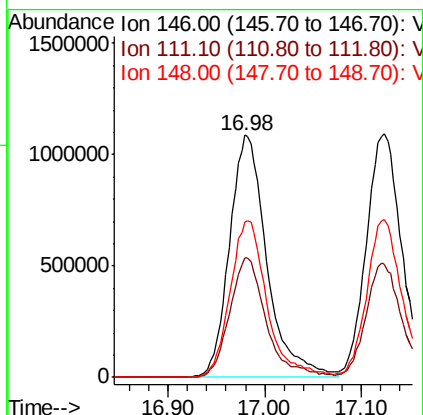
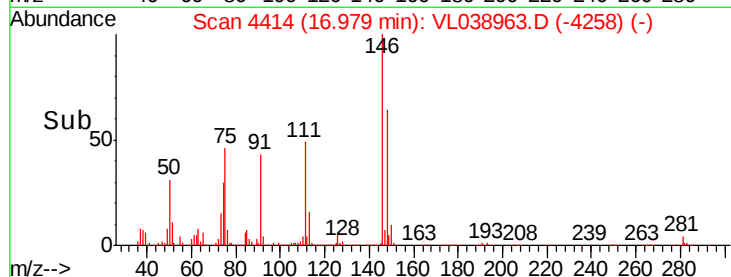
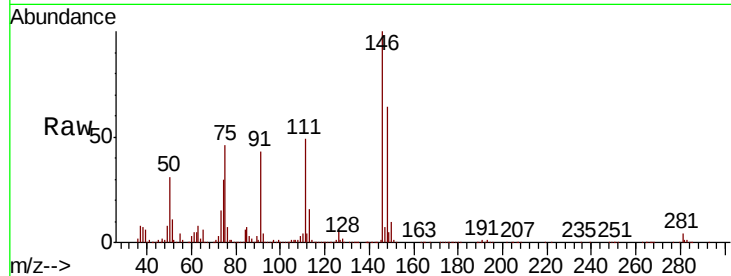


#75
 1,3-Dichlorobenzene
 Concen: 13.609 ppbv
 RT: 16.98
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 5 May 2022 8:34

Tot Ion:1
 Ion Rati
 146 100
 111 48.
 148 63.

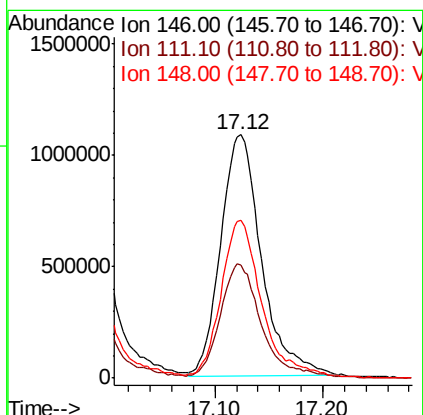
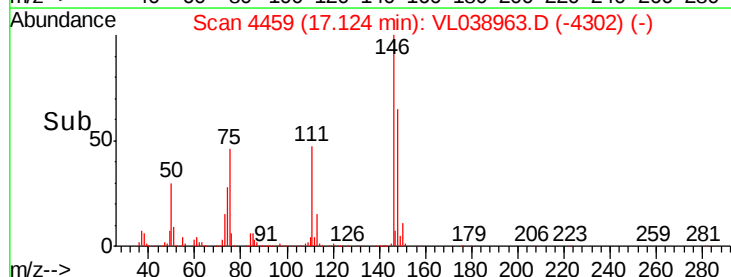
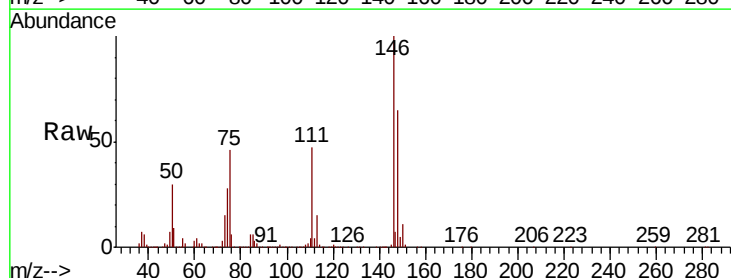
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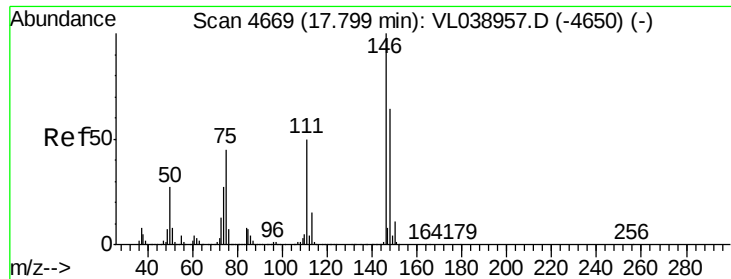
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#76
 1,4-Dichlorobenzene
 Concen: 13.280 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. 0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion:146 Resp: 2843707
 Ion Ratio Lower Upper
 146 100
 111 48.4 23.6 71.0
 148 66.1 32.2 96.6



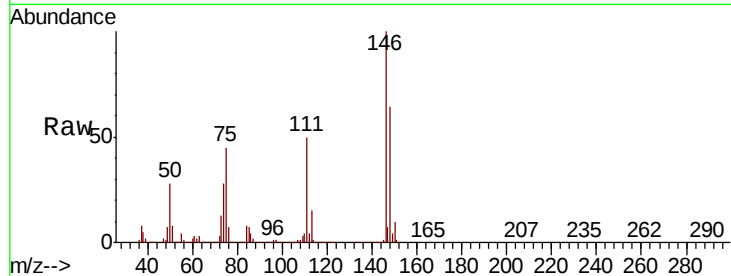


#77
 1,2-Dichlorobenzene
 Concen: 13.973 ppbv
 RT: 17.80 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 5 May 2022 8:34

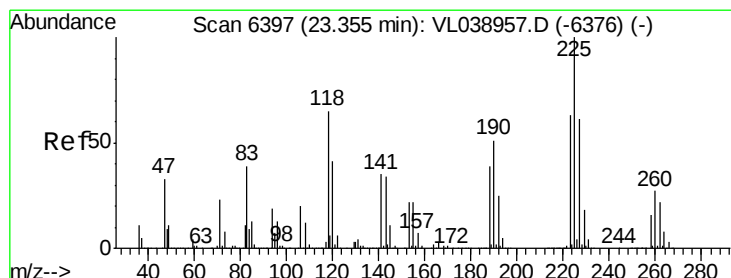
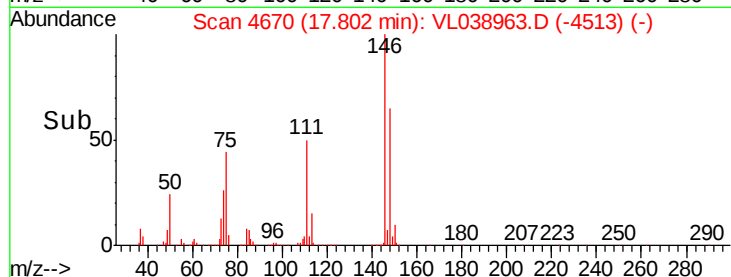
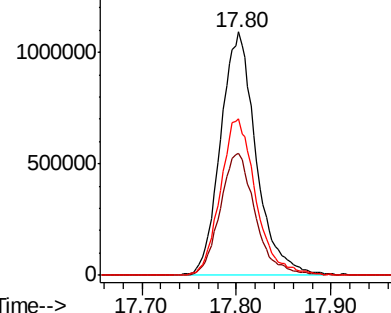
Tot Ion:1
 Ion Rati
 146 100
 111 49.
 148 64.

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

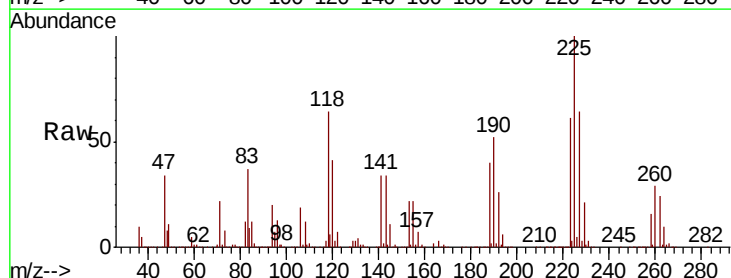


Abundance Ion 146.00 (145.70 to 146.70): V
 1500000
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

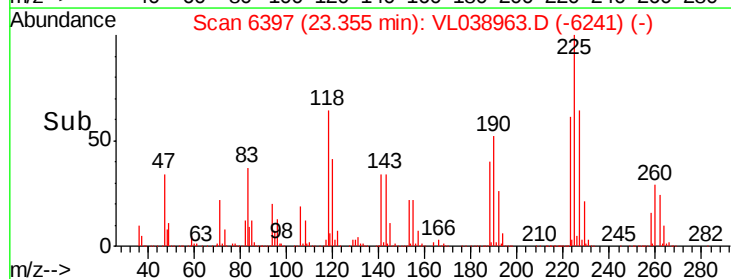
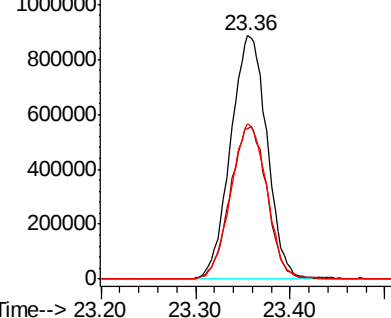


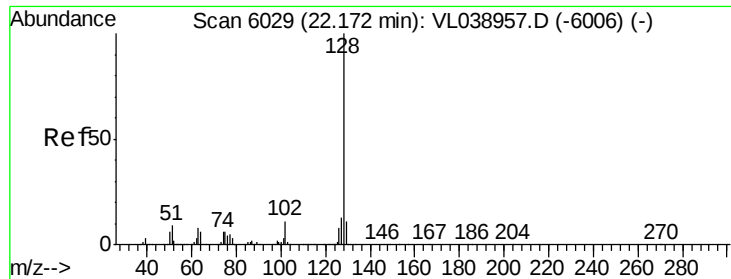
#78
 Hexachloro-1,3-Butadiene
 Concen: 12.955 ppbv
 RT: 23.36 min Scan# 6397
 Delta R.T. 0.00 min
 Lab File: VL038963.D
 Acq: 5 May 2022 6:34

Tgt Ion:225 Resp: 2372166
 Ion Ratio Lower Upper
 225 100
 223 63.5 51.4 77.0
 227 63.6 51.4 77.0



Abundance Ion 224.90 (224.60 to 225.60): V
 1200000
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V



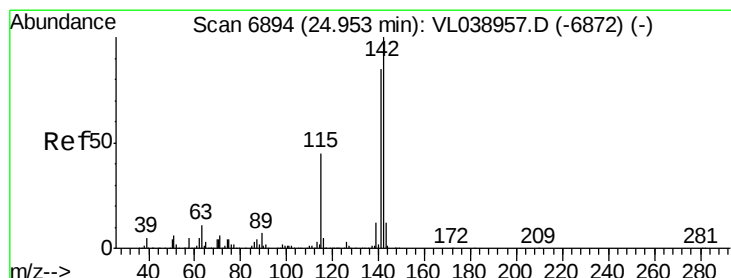
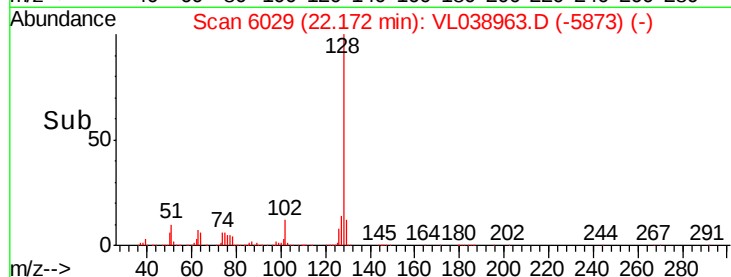
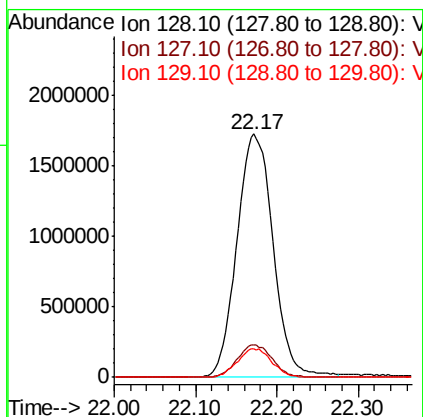
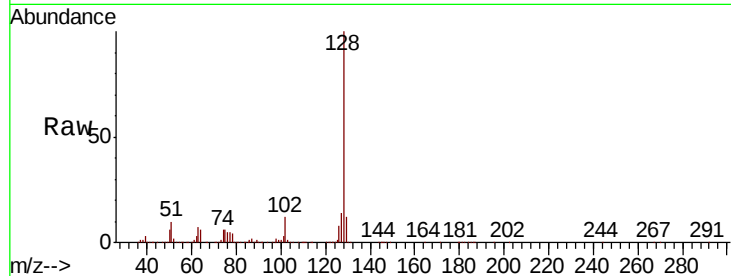


#79
Naphthalene
Concen: 22.458 ppbv
RT: 22.17 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDIC015
Acq: 5 May 2022 08:34

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

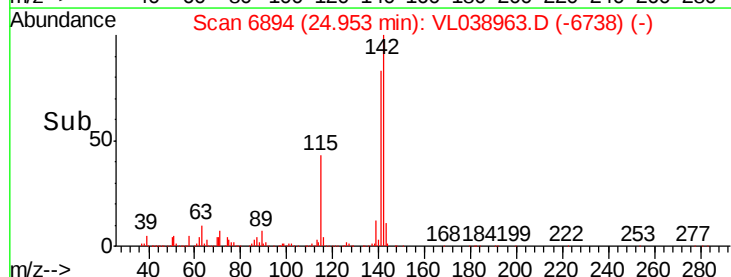
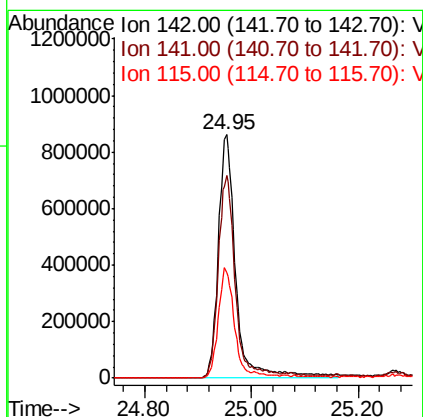
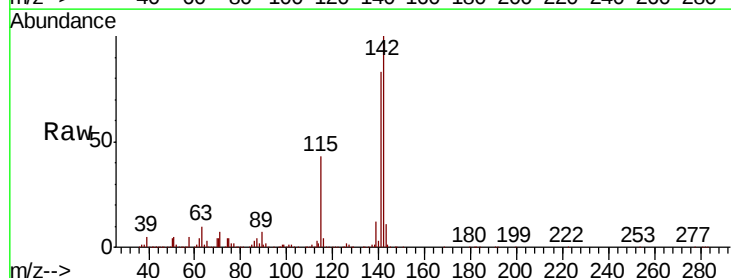
Manual Integrations
APPROVED

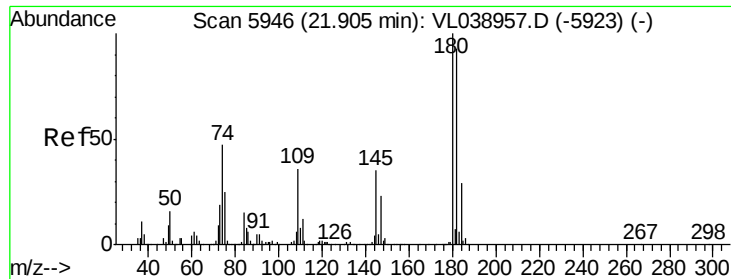
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#80
Naphthalene, 2-methyl-
Concen: 38.260 ppbv
RT: 24.95 min Scan# 6894
Delta R.T.: 0.00 min
Lab File: VL038963.D
Acq: 5 May 2022 6:34

Tgt Ion:142 Resp: 1975124
Ion Ratio Lower Upper
142 100
141 82.7 70.8 106.2
115 42.0 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 19.106 ppbv
 RT: 21.90
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 5 May 2022 8.34

Tot Ion:1
 Ion Rati
 180 100
 182 97.
 184 30.

Manual Integrations
 APPROVED

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

