

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
 Data File : VL037830.D
 Acq On : 12 Oct 2021 14:22
 Operator : SY/AP
 Sample : VL1012ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL1012ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/14/2021
 Supervised By : Mahesh Dadoda 10/15/2021

Quant Time: Oct 14 01:17:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1396960	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4131840	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3677187m	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2664256	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1664277	7.459 ppbv	99
3) Chlorodifluoromethane	2.99	51	2440316	9.092 ppbv	99
4) Chloromethane	3.14	50	902848	9.183 ppbv	92
5) Vinyl Chloride	3.26	62	936554	10.392 ppbv	99
6) Bromomethane	3.47	94	473720	9.717 ppbv	99
7) Chloroethane	3.55	64	330472	9.973 ppbv #	88
8) Dichlorotetrafluoroethane	3.19	85	2096445	9.506 ppbv	99
9) Propene	3.01	41	868849	8.797 ppbv	99
10) Heptane	8.11	43	2224665	9.918 ppbv	99
11) Trichlorofluoromethane	3.95	101	1920136	9.645 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1426341	9.456 ppbv	100
13) Ethanol	3.61	45	74690	9.247 ppbv	93
14) Bromoethene	3.74	108	662176	9.984 ppbv	95
15) Acetone	3.85	43	1079923	8.611 ppbv	99
16) 1,3-Butadiene	3.32	39	885487	9.705 ppbv	99
17) tert-Butyl alcohol	4.28	59	1269820	9.832 ppbv	98
18) 1,1-Dichloroethene	4.29	96	658582	9.607 ppbv	96
19) Isopropyl Alcohol	3.96	45	709224	9.091 ppbv #	95
20) Methylene Chloride	4.34	84	559074	8.823 ppbv	98
21) Allyl Chloride	4.40	41	1026262	9.238 ppbv	96
22) trans-1,2-Dichloroethene	4.88	96	672129	9.753 ppbv	99
23) Vinyl Acetate	5.07	43	2113686	11.247 ppbv	98
24) 1,1-Dichloroethane	5.01	63	1407655	10.290 ppbv	99
25) Ethyl Acetate	5.67	43	3498142	9.941 ppbv	99
26) Hexane	5.68	57	1633132	9.425 ppbv	98
27) Carbon Disulfide	4.55	76	1603319	10.440 ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1580482	10.955 ppbv	99
29) Chloroform	5.74	83	2343438	9.461 ppbv	100
30) Cyclohexane	7.12	84	1389929	9.459 ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	1554183	9.880 ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	2247471	9.571 ppbv	100
34) 2-Butanone	5.24	43	1577465	9.457 ppbv	100
35) Carbon Tetrachloride	7.01	117	2369400	10.097 ppbv	98
36) Benzene	6.88	78	3418861	9.688 ppbv	98
37) 1,2-Dichloroethane	6.30	62	1630558	9.812 ppbv	99
38) Trichloroethene	7.83	130	1336543	9.586 ppbv	95
39) 1,2-Dichloropropane	7.60	63	1299574	9.790 ppbv	97
40) 1,4-Dioxane	7.83	88	297188	8.947 ppbv #	100
41) Tetrahydrofuran	6.04	42	821097	10.053 ppbv	99
42) Bromodichloromethane	7.78	83	2462405	10.088 ppbv	99
43) Methyl Methacrylate	8.01	69	1214037	10.532 ppbv	98

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 ClientSampleId :
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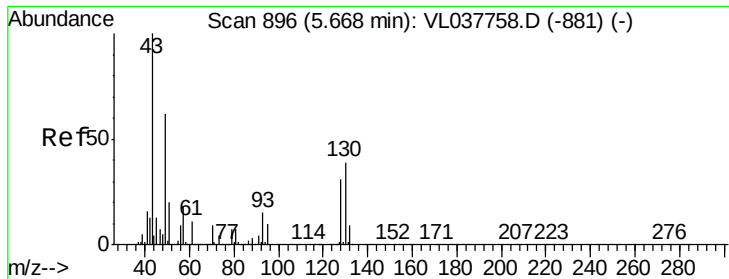
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5672547	9.567	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	933715	11.773	ppbv	97
46) cis-1,3-Dichloropropene	8.69	75	1239324	11.273	ppbv	100
47) 1,1,2-Trichloroethane	9.46	97	1363596	9.449	ppbv	99
48) Dibromochloromethane	10.29	129	2153743	10.469	ppbv	99
49) Bromoform	13.03	173	1724098	10.953	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	2213615	10.194	ppbv	100
51) 2-Hexanone	10.13	43	1028163	10.606	ppbv #	99
52) Tetrachloroethene	11.21	164	1216061	8.857	ppbv	91
53) Toluene	9.80	91	3950118	10.100	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1921547	9.858	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1493033	9.808	ppbv	98
57) Chlorobenzene	12.14	112	2923120m	9.690	ppbv	
58) Ethyl Benzene	12.70	91	4989786	10.105	ppbv	99
59) m/p-Xylene	12.99	91	8408623m	19.839	ppbv	
60) o-Xylene	13.68	91	3964857	9.761	ppbv	99
61) Styrene	13.52	104	2176554	11.078	ppbv	99
62) Isopropylbenzene	14.66	105	5396632	9.525	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	2823643	9.008	ppbv	98
64) n-propylbenzene	15.55	120	1455331	10.301	ppbv	99
65) tert-Butylbenzene	16.73	119	4808260	9.644	ppbv	100
66) Benzyl Chloride	16.98	91	255113	10.368	ppbv #	98
67) sec-Butylbenzene	17.28	105	6722953	9.859	ppbv	100
69) p-Isopropyltoluene	17.64	119	5514794	10.004	ppbv	99
70) n-Butylbenzene	18.54	91	5399130	10.309	ppbv	99
71) 2-Chlorotoluene	15.44	91	3974157	9.933	ppbv	100
72) 4-Ethyltoluene	15.82	105	4830243	10.473	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	4259569	10.167	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	4405752	10.014	ppbv	94
75) 1,3-Dichlorobenzene	16.98	146	2670028	9.796	ppbv	98
76) 1,4-Dichlorobenzene	17.13	146	2618996	10.073	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	2565185	9.797	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1778724	8.320	ppbv	99
79) Naphthalene	22.18	128	2868138	10.645	ppbv	98
80) Naphthalene, 2-methyl-	24.96	142	653951	9.039	ppbv	99
81) 1,2,4-Trichlorobenzene	21.91	180	1734908	10.068	ppbv	100

(#) = 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: VL1012ABS01

Acq: 12 Oct 2021 14:22

Tot Ion:

Ion Ratio

49 100

128 54.

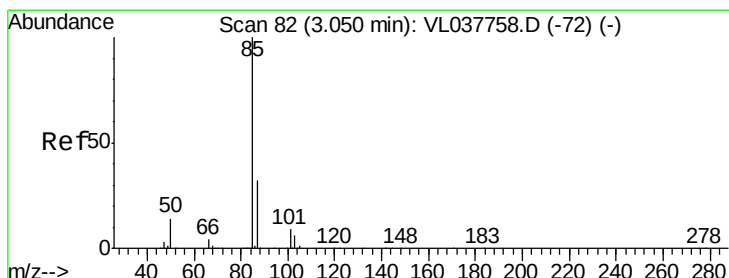
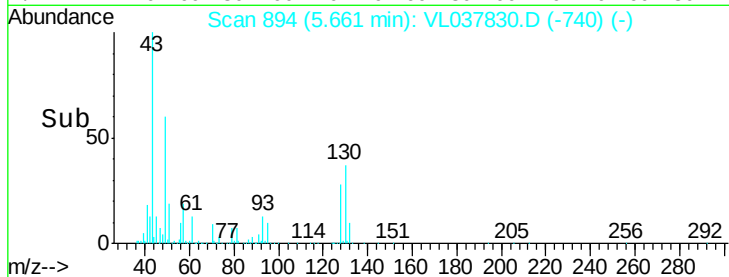
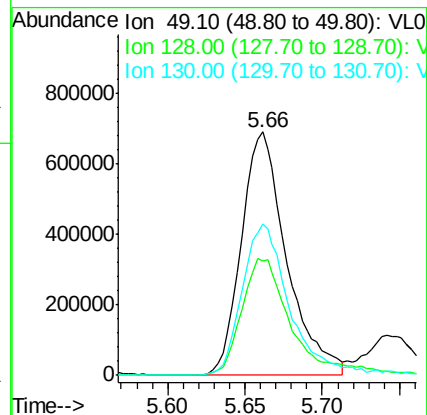
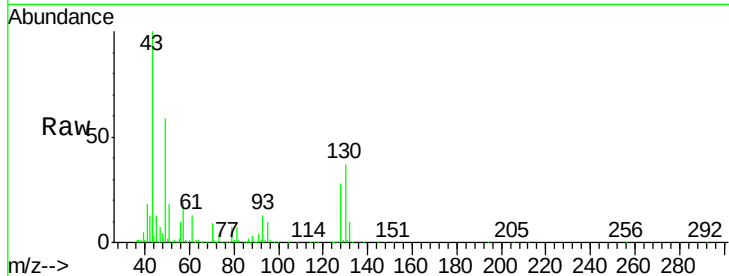
130 66.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 10/15/2021



#2

Dichlorodifluoromethane

Concen: 7.459 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL037830.D

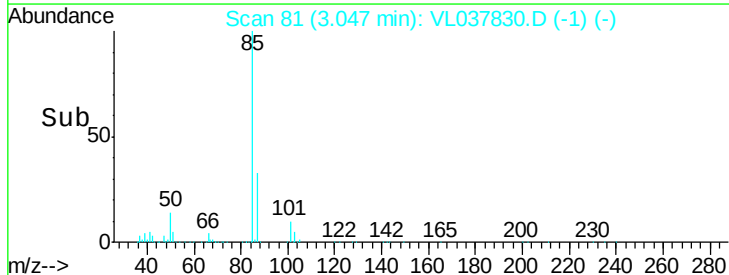
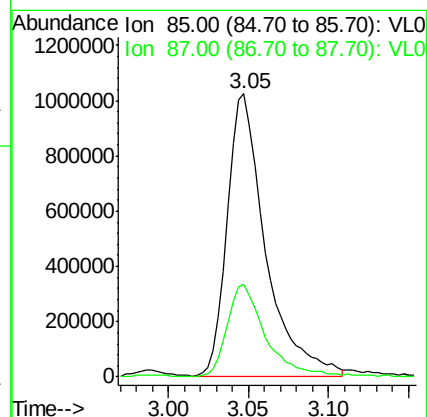
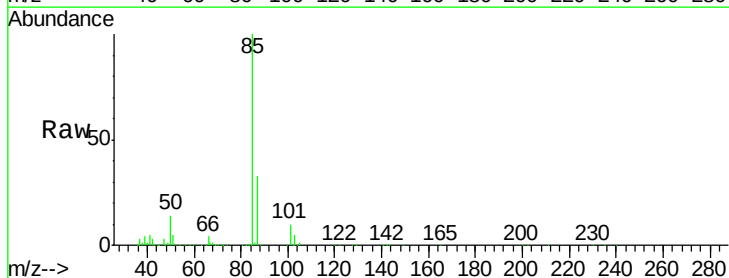
Acq: 12 Oct 2021 14:22

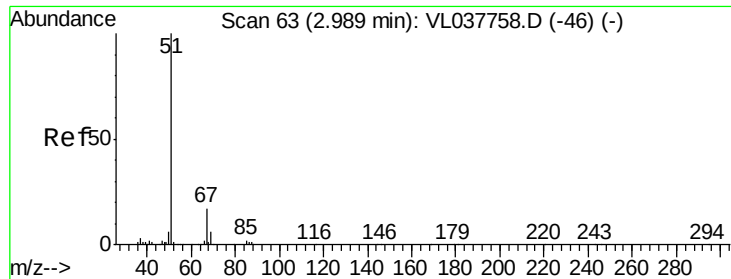
Tgt Ion: 85 Resp: 1664277

Ion Ratio Lower Upper

85 100

87 32.8 25.7 38.5





#3

Chlorodifluoromethane

Concen: 9.092 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1012ABS01

Acq: 12 Oct 2021 14:22

Tot Ion:

Ion Ratio

51 100

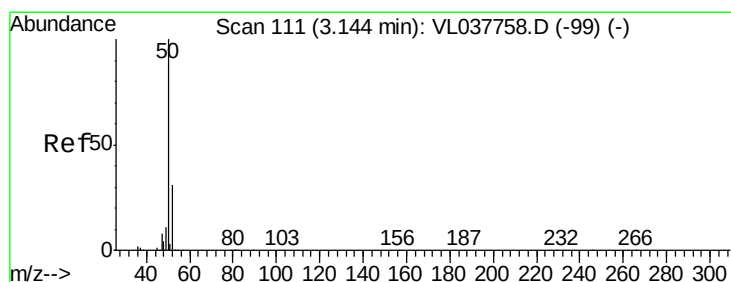
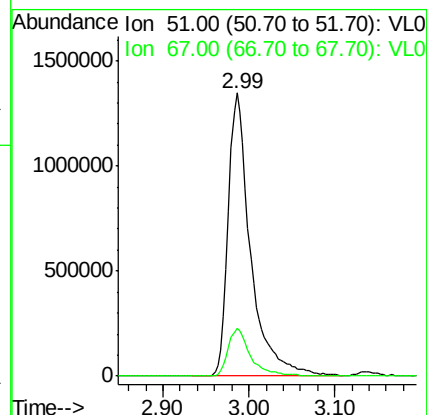
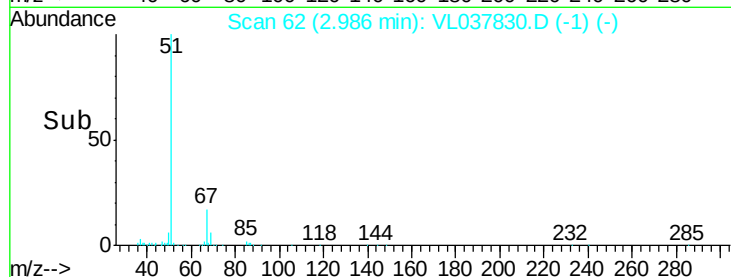
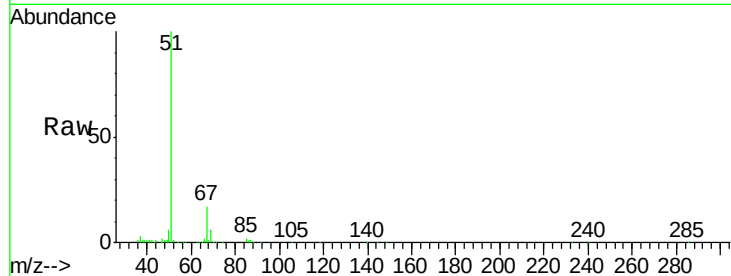
67 17.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#4

Chloromethane

Concen: 9.183 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL037830.D

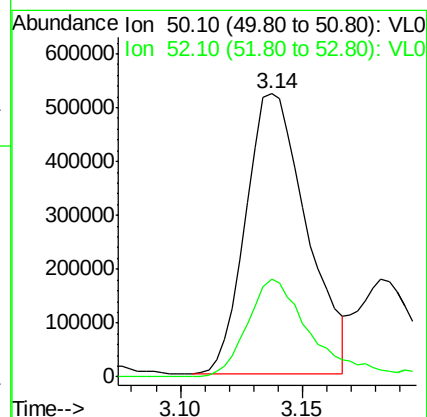
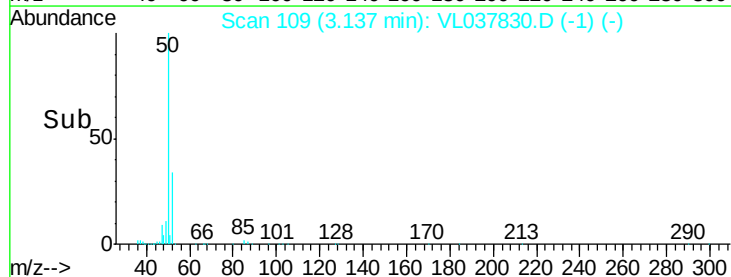
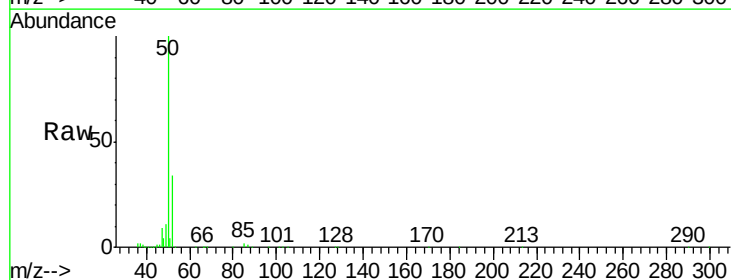
Acq: 12 Oct 2021 14:22

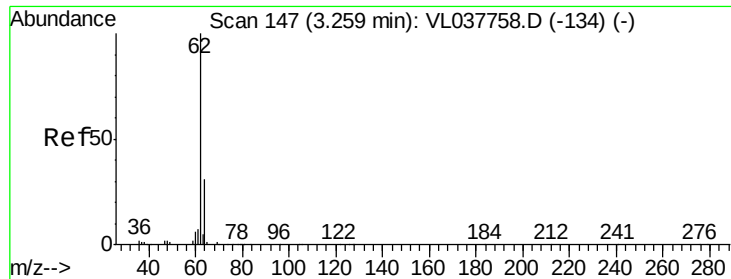
Tgt Ion: 50 Resp: 902848

Ion Ratio Lower Upper

50 100

52 34.8 24.4 36.6





#5

Vinyl Chloride

Concen: 10.392 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 14:22 VL1012ABS01

Tot Ion:

Ion Ratio

62 100

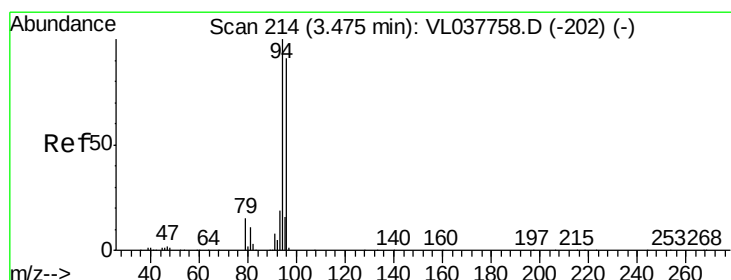
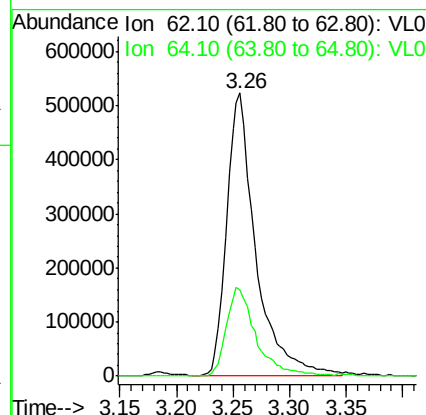
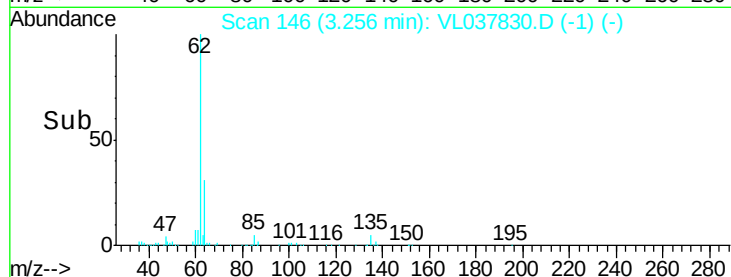
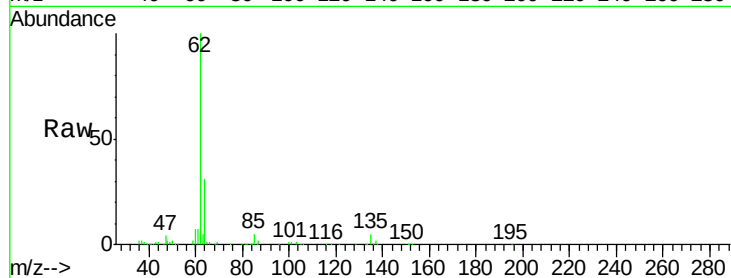
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#6

Bromomethane

Concen: 9.717 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.00 min

Lab File: VL037830.D

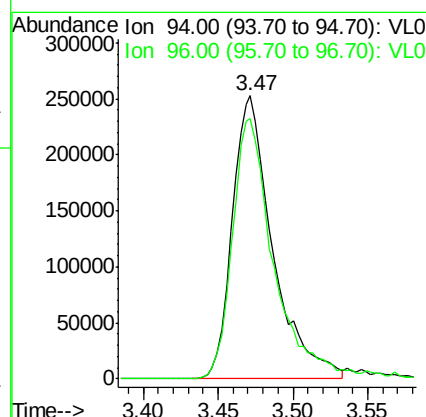
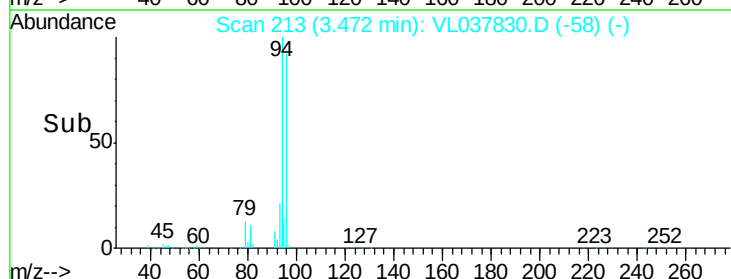
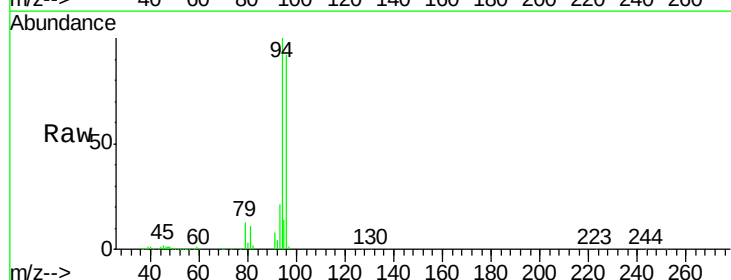
Acq: 12 Oct 2021 14:22

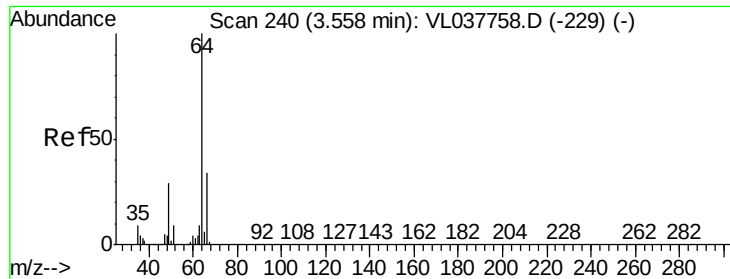
Tgt Ion: 94 Resp: 473720

Ion Ratio Lower Upper

94 100

96 91.8 72.5 108.7





#7

Chloroethane

Concen: 9.973 ppbv

RT: 3.55 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VL1012ABS01

Acq: 12 Oct 2021 14:22

Tot Ion:

Ion Ratio

64 100

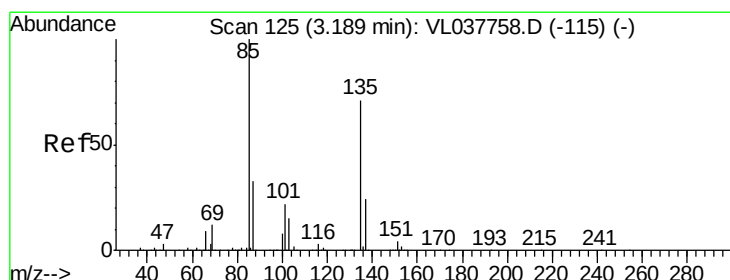
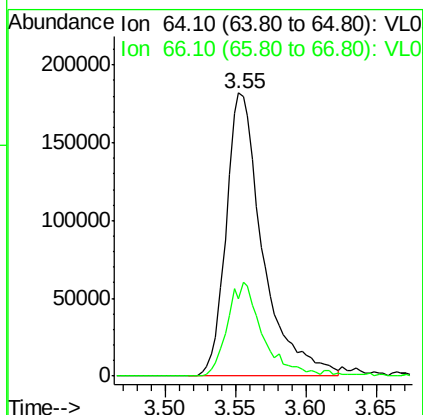
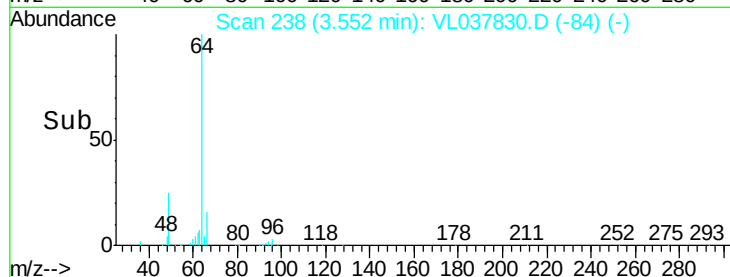
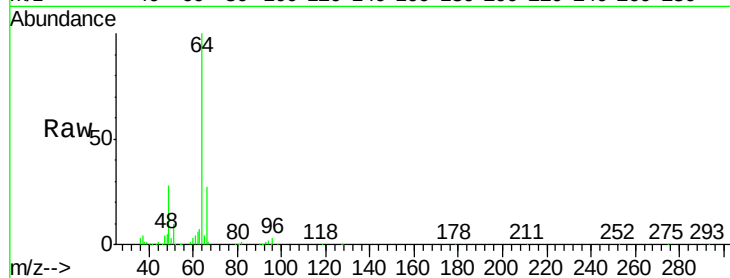
66 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#8

Dichlorotetrafluoroethane

Concen: 9.506 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.00 min

Lab File: VL037830.D

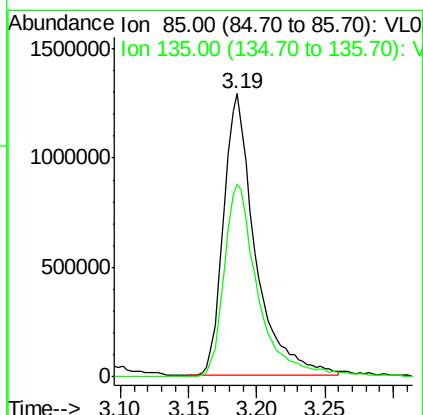
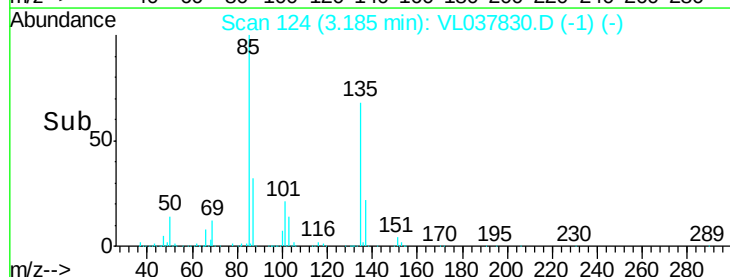
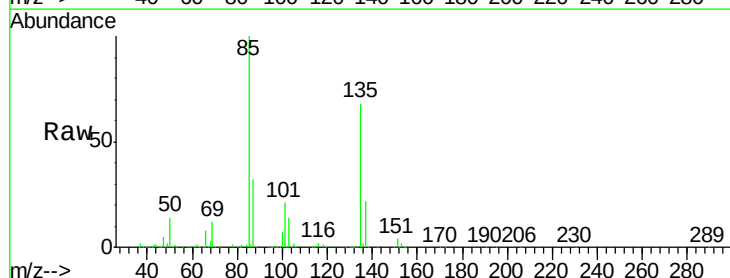
Acq: 12 Oct 2021 14:22

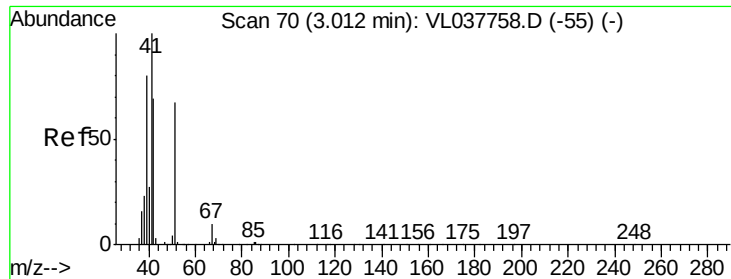
Tgt Ion: 85 Resp: 2096445

Ion Ratio Lower Upper

85 100

135 73.2 59.5 89.3



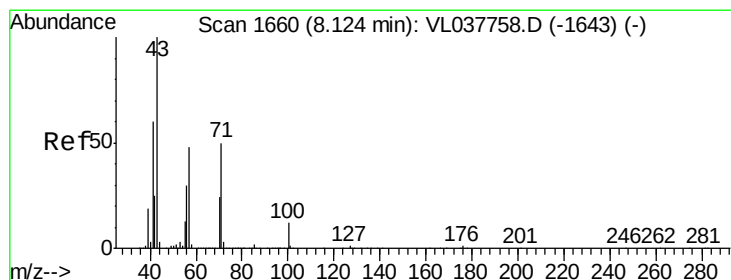
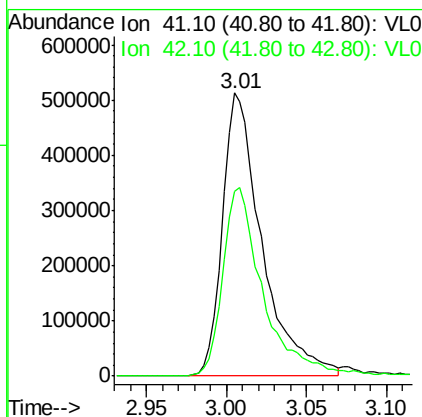
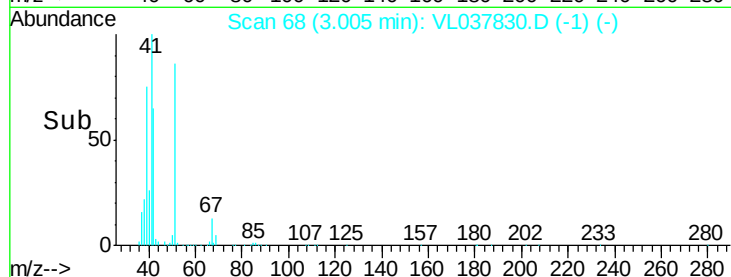
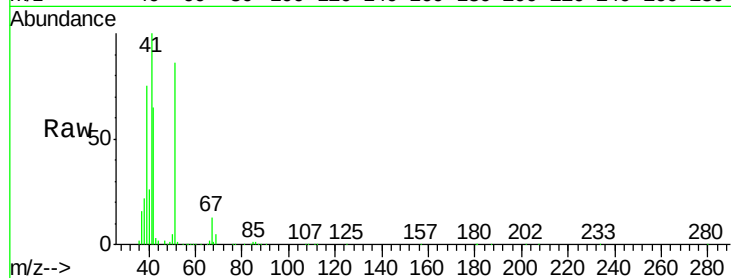


#9
 Propene
 Concen: 8.797 ppbv
 RT: 3.01
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VL1012ABS01
 Acq: 12 Oct 2021 14:22

Tot Ion:
 Ion Ratio
 41 100
 42 68.

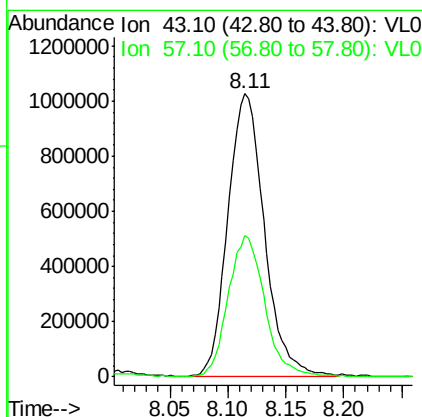
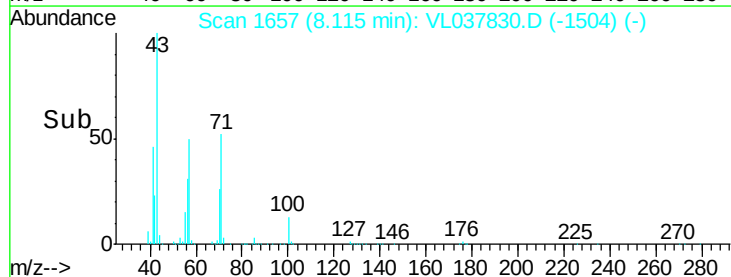
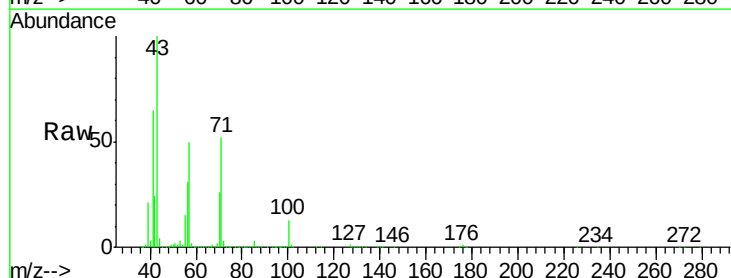
Manual Integrations
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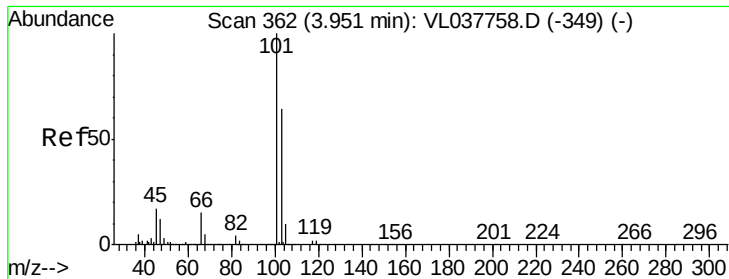
Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#10
 Heptane
 Concen: 9.918 ppbv
 RT: 8.11 min Scan# 1657
 Delta R.T.: -0.01 min
 Lab File: VL037830.D
 Acq: 12 Oct 2021 14:22

Tgt Ion: 43 Resp: 2224665
 Ion Ratio Lower Upper
 43 100
 57 50.4 40.0 60.0



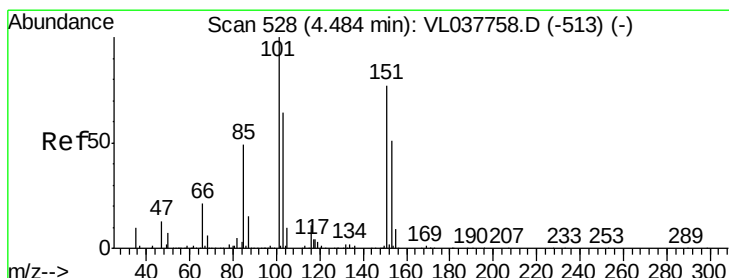
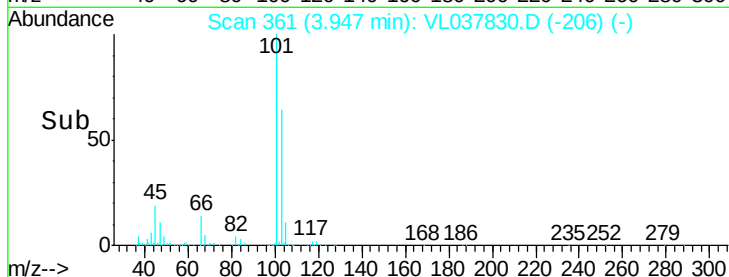
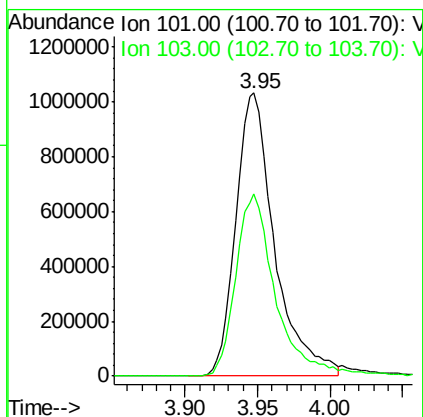
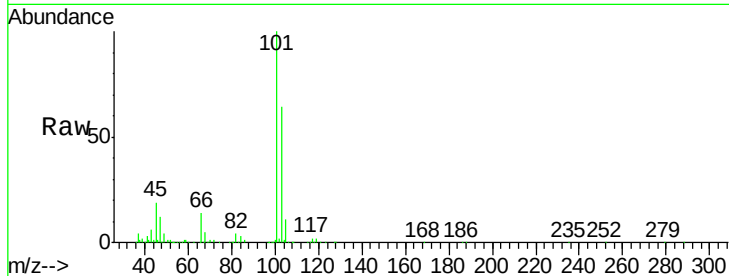


#11
 Trichlorofluoromethane
 Concen: 9.645 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1012ABS01
 Acq: 12 Oct 2021 14:22

Tot Ion:1
 Ion Ratio
 101 100
 103 64.

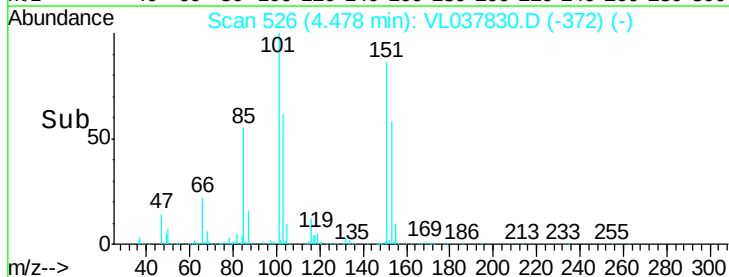
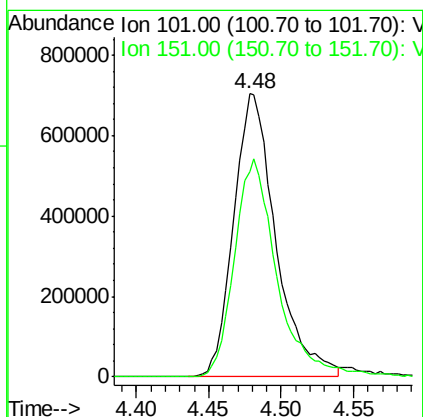
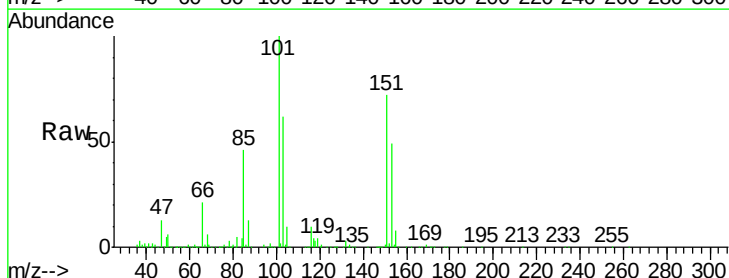
Manual Integrations
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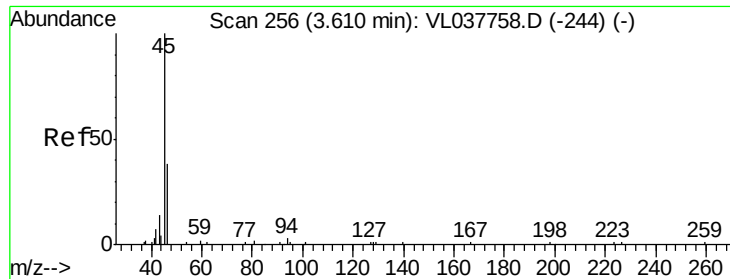
Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.456 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: VL037830.D
 Acq: 12 Oct 2021 14:22

Tgt Ion:101 Resp: 1426341
 Ion Ratio Lower Upper
 101 100
 151 78.2 62.9 94.3



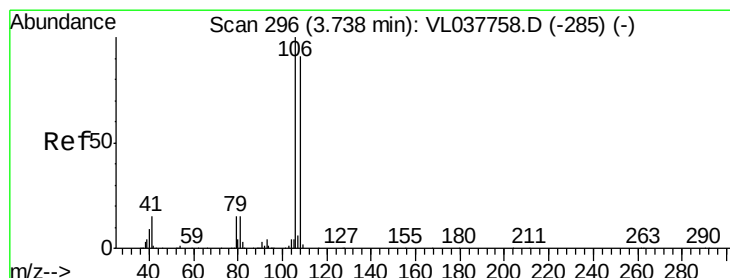
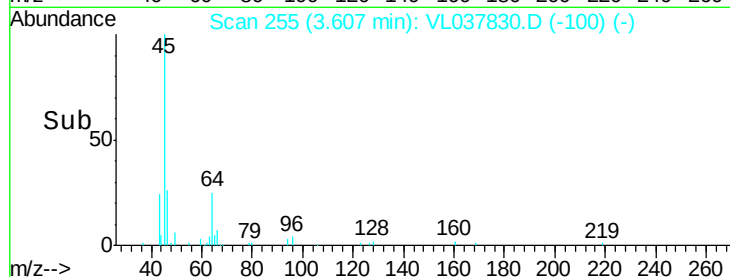
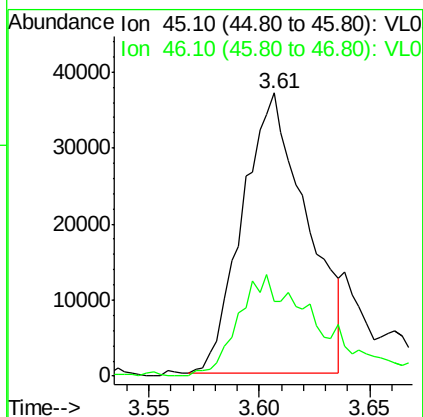
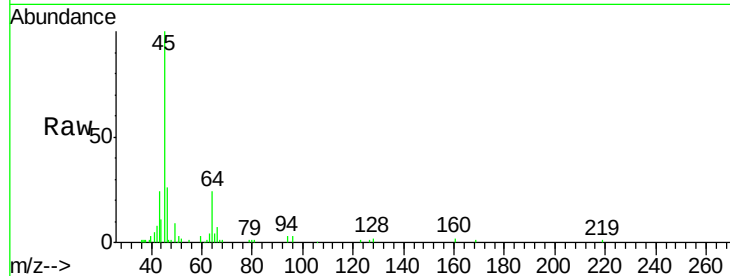


#13
Ethanol
Concen: 9.247 ppbv
RT: 3.61
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL1012ABS01
Acq: 12 Oct 2021 14:22

Tot Ion:
Ion Ratio
45 100
46 45.

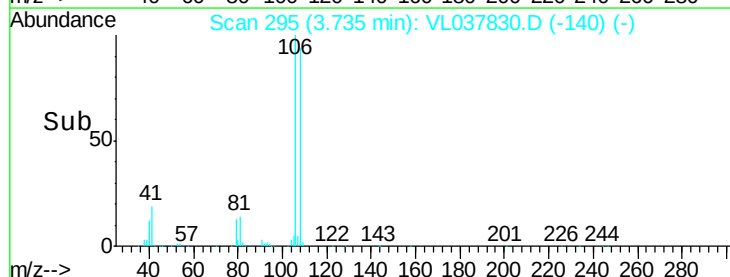
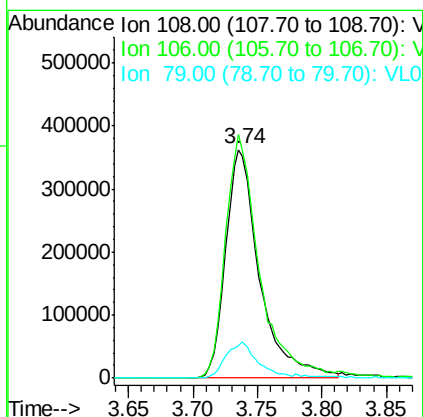
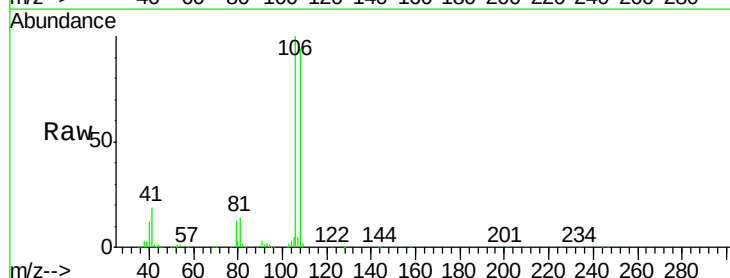
Manual Integrations
APPROVED

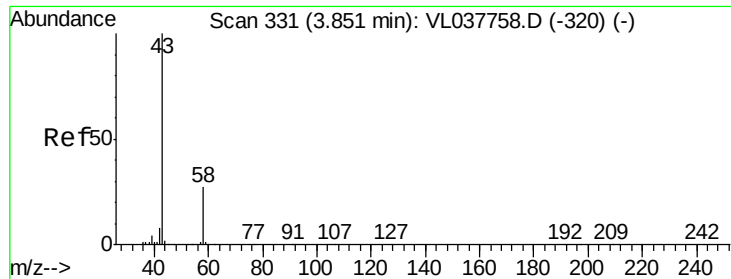
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#14
Bromoethene
Concen: 9.984 ppbv
RT: 3.74 min Scan# 295
Delta R.T.: -0.00 min
Lab File: VL037830.D
Acq: 12 Oct 2021 14:22

Tgt Ion:108 Resp: 662176
Ion Ratio Lower Upper
108 100
106 108.7 91.9 137.9
79 16.2 13.9 20.9





#15

Acetone

Concen: 8.611 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 14:22

Tot Ion:

Ion Ratio

43 100

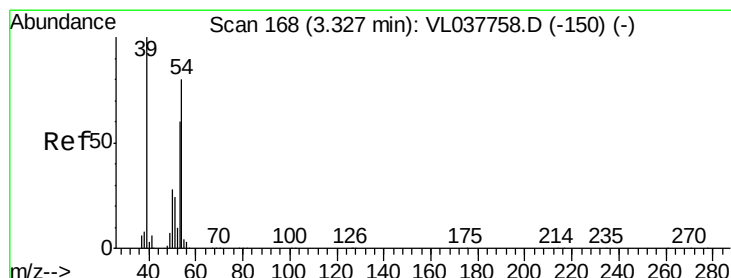
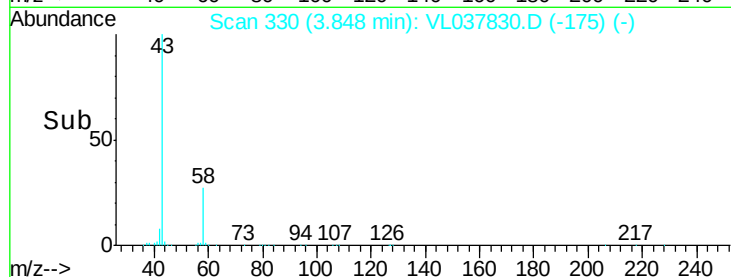
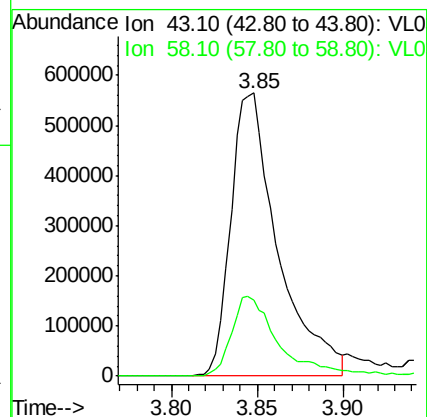
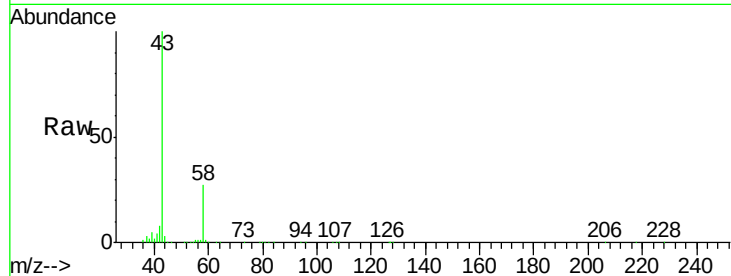
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#16

1,3-Butadiene

Concen: 9.705 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.00 min

Lab File: VL037830.D

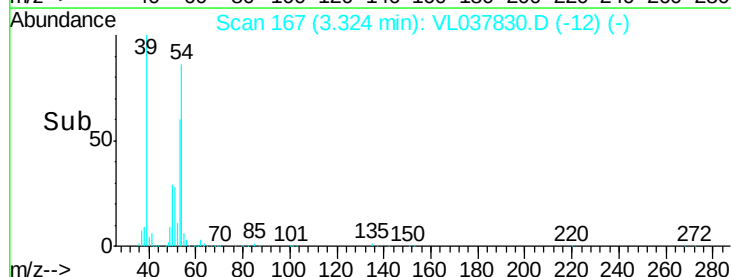
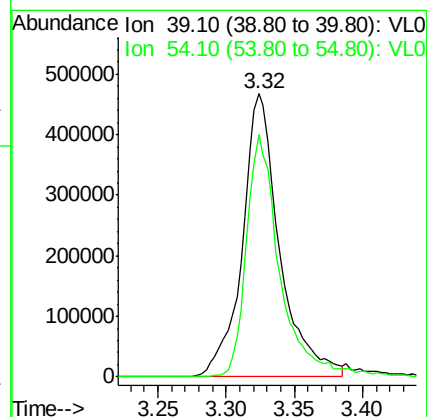
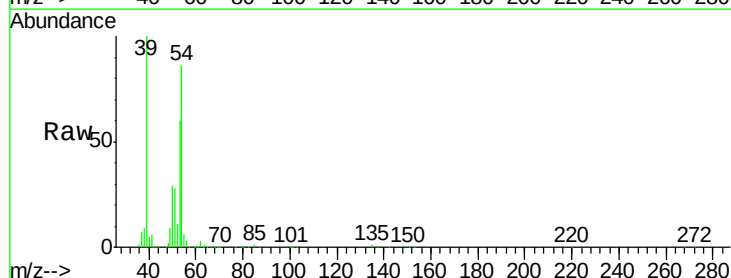
Acq: 12 Oct 2021 14:22

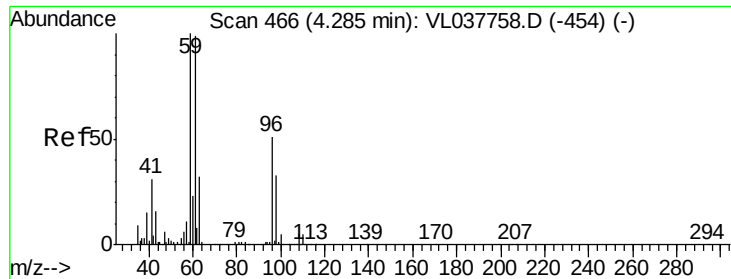
Tgt Ion: 39 Resp: 885487

Ion Ratio Lower Upper

39 100

54 78.0 61.7 92.5





#17

tert-Butyl alcohol

Concen: 9.832 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1012ABS01

Acq: 12 Oct 2021 14:22

Tot Ion:

Ion Ratio

59 100

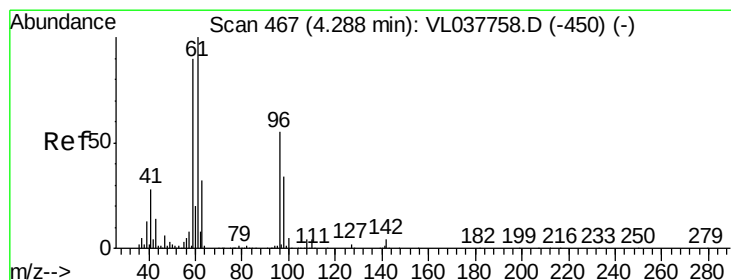
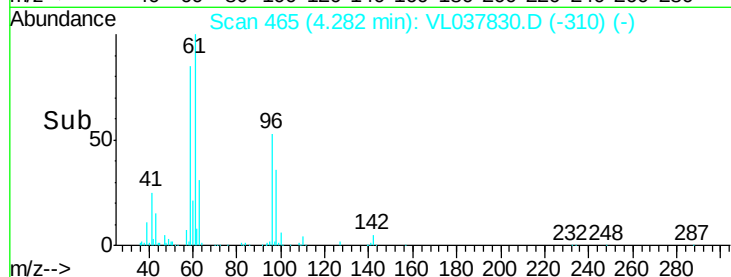
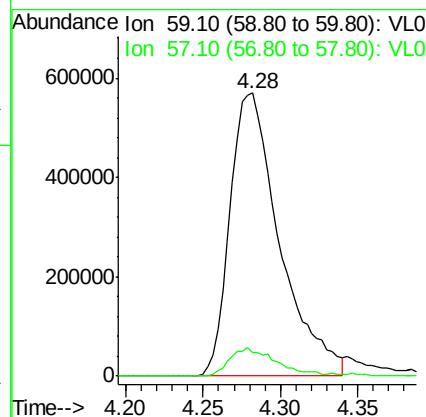
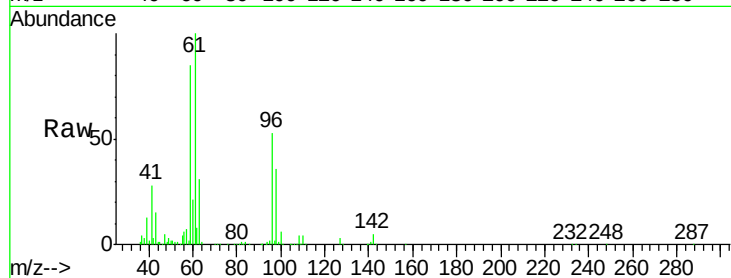
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#18

1,1-Dichloroethene

Concen: 9.607 ppbv

RT: 4.29 min Scan# 466

Delta R.T. -0.00 min

Lab File: VL037830.D

Acq: 12 Oct 2021 14:22

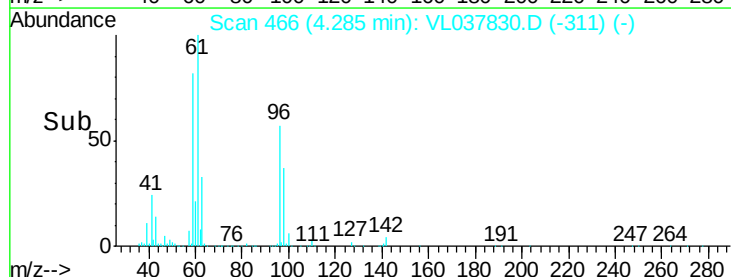
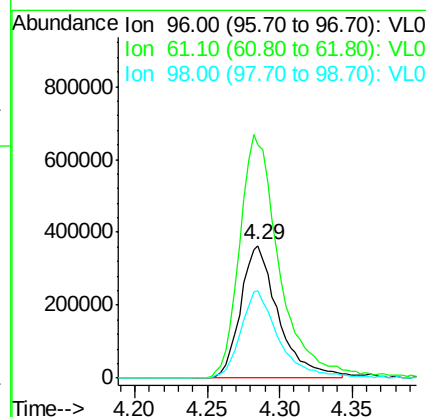
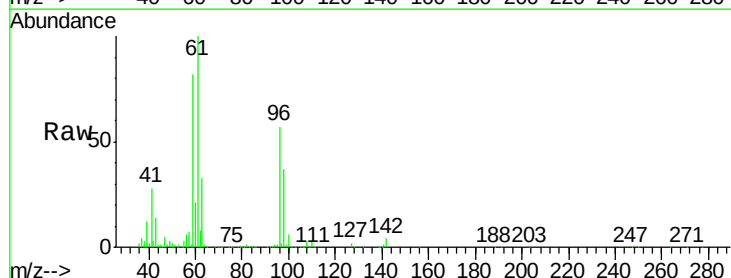
Tgt Ion: 96 Resp: 658582

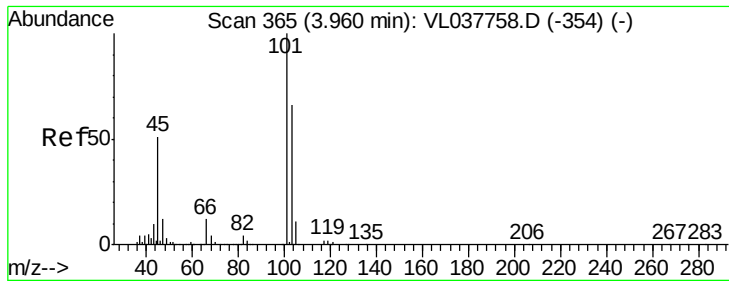
Ion Ratio Lower Upper

96 100

61 176.6 146.2 219.4

98 65.6 50.0 75.0



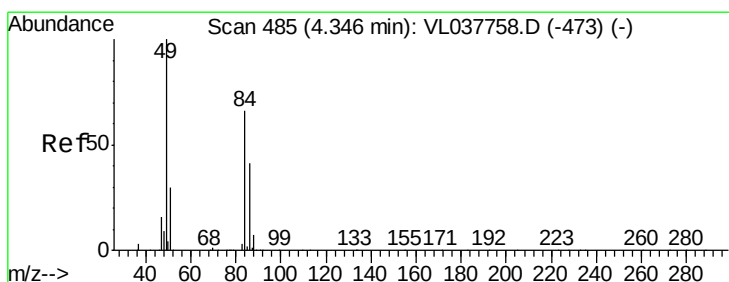
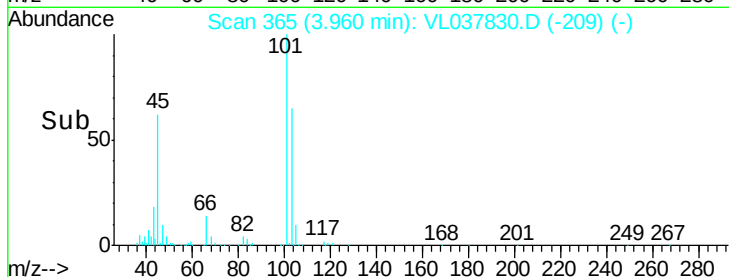
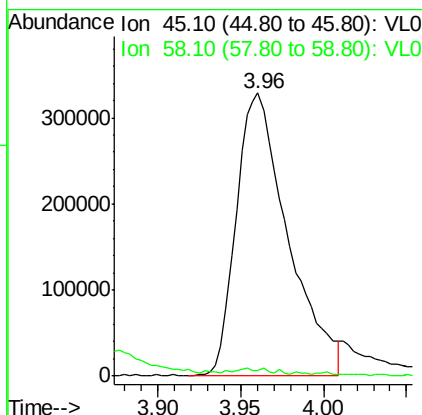
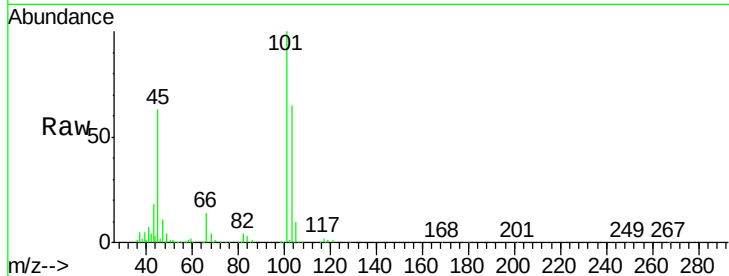


#19
Isopropyl Alcohol
Concen: 9.091 ppbv
RT: 3.96
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL1012ABS01
Acq: 12 Oct 2021 14:22

Tot Ion:
Ion Ratio
45 100
58 3.

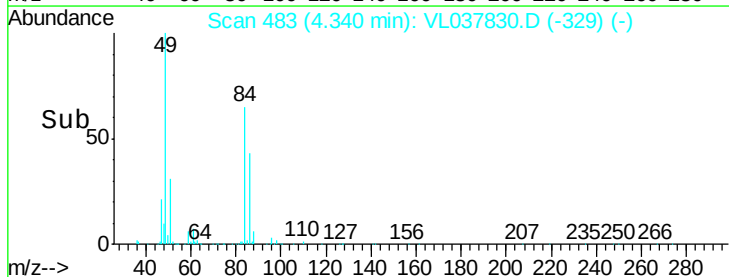
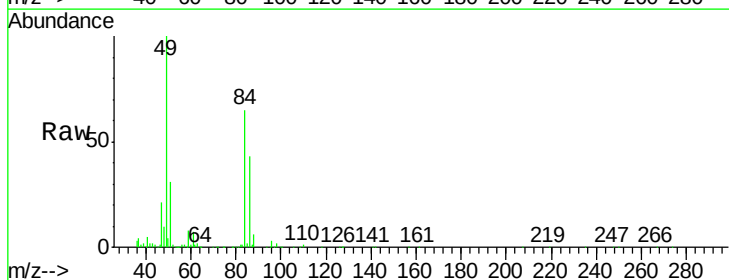
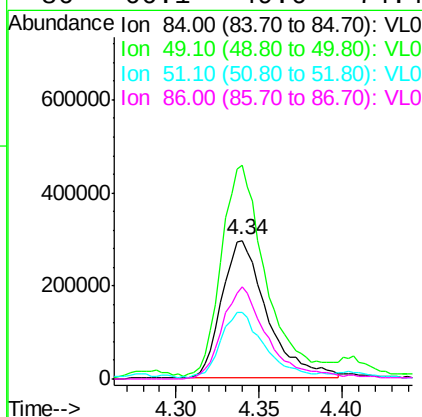
Manual Integrations
APPROVED

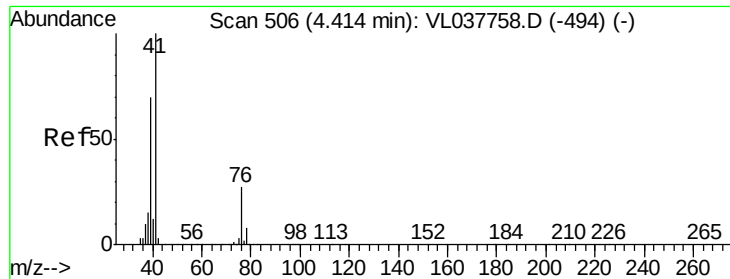
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#20
Methylene Chloride
Concen: 8.823 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037830.D
Acq: 12 Oct 2021 14:22

Tgt Ion: 84 Resp: 559074
Ion Ratio Lower Upper
84 100
49 152.4 120.7 181.1
51 47.2 36.2 54.4
86 66.1 49.6 74.4



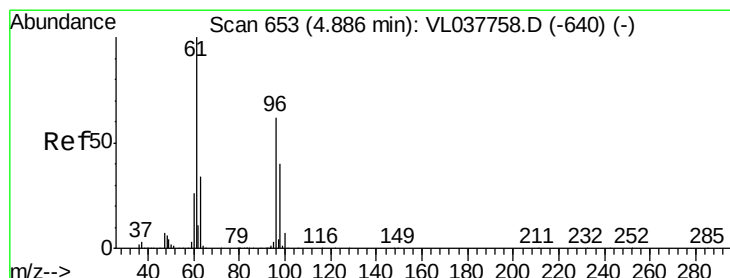
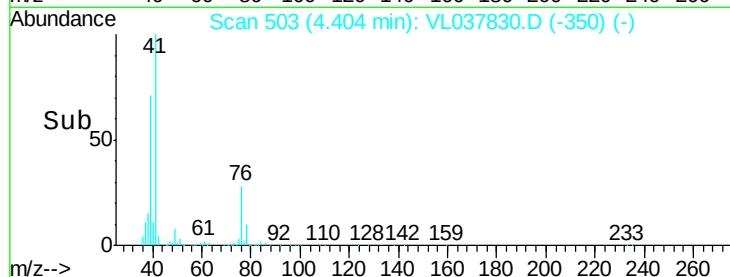
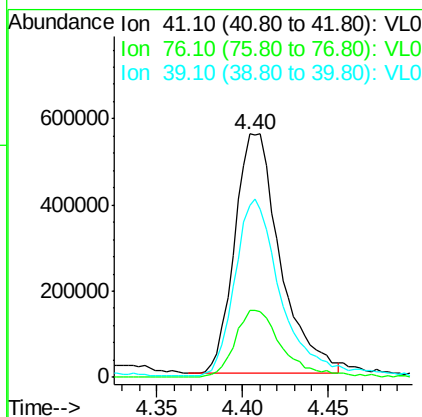
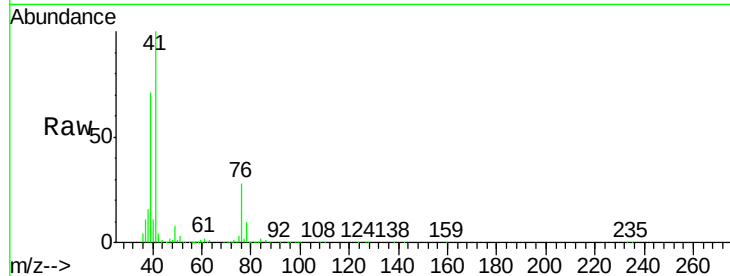


#21
Allvl Chloride
Concen: 9.238 ppbv
RT: 4.40
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL1012ABS01
Acq: 12 Oct 2021 14:22

Tot Ion:
Ion Ratio
41 100
76 29.
39 75.

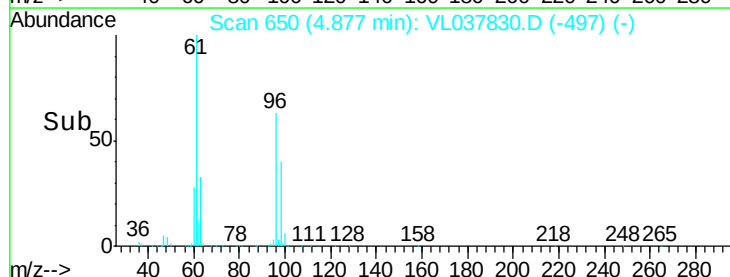
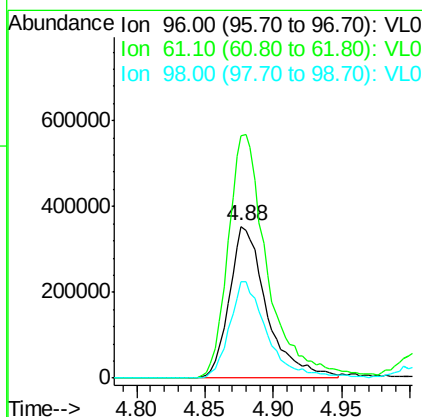
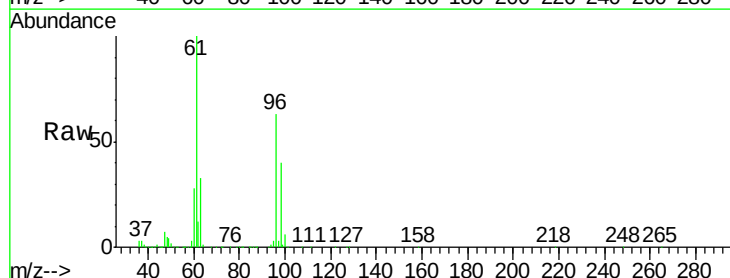
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APPROVED

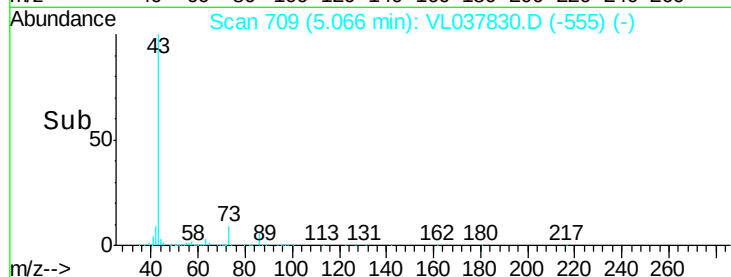
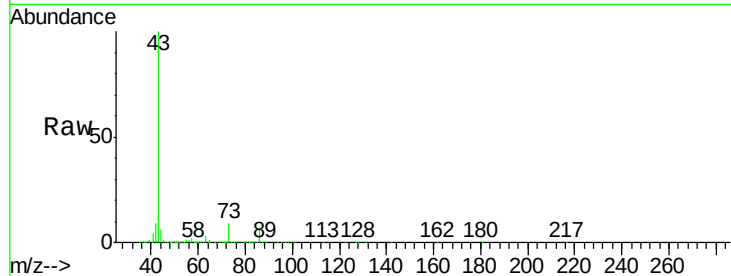
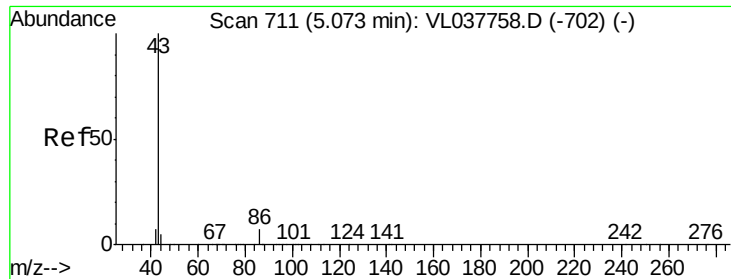
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#22
trans-1,2-Dichloroethene
Concen: 9.753 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.01 min
Lab File: VL037830.D
Acq: 12 Oct 2021 14:22

Tgt Ion: 96 Resp: 672129
Ion Ratio Lower Upper
96 100
61 159.6 129.0 193.6
98 63.4 51.7 77.5



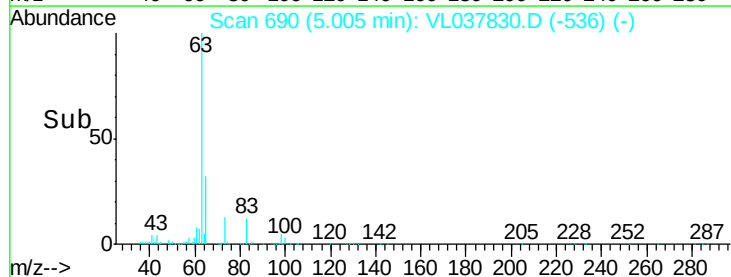
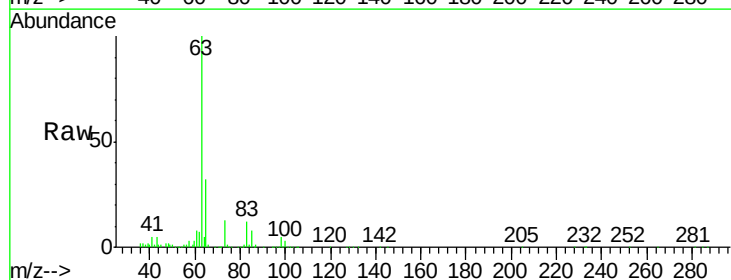
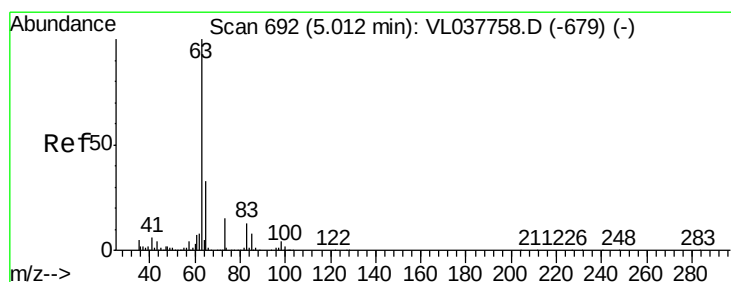
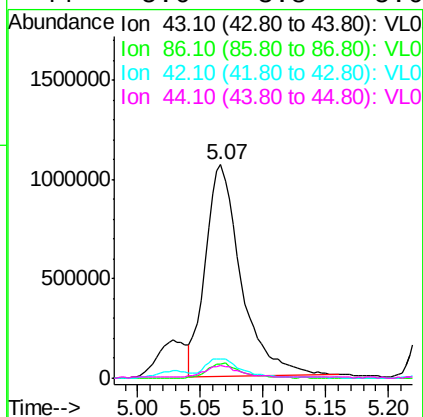


#23
 Vinyl Acetate
 Concen: 11.247 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1012ABS01
 Acq: 12 Oct 2021 14:22

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 8.
 44 5.6 3.8 5.6

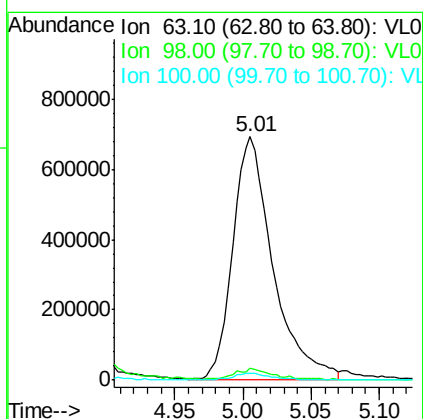
Manual Integrations
 APPROVED

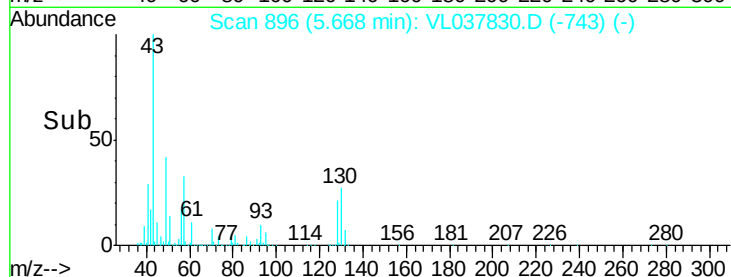
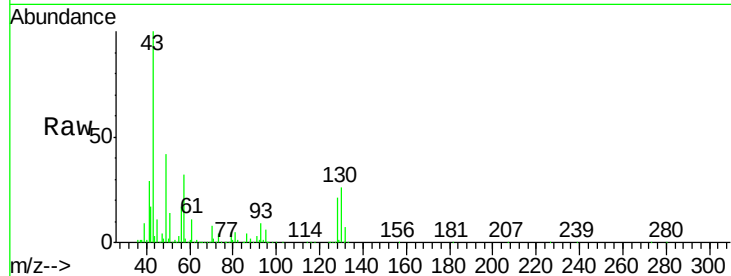
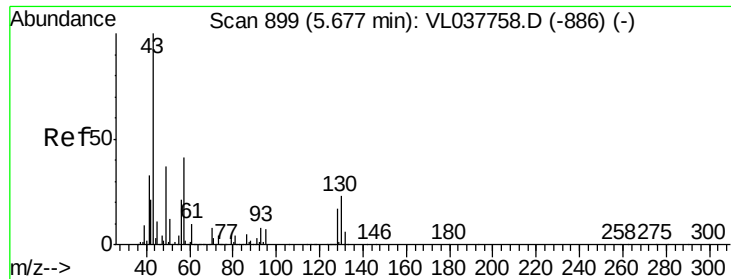
Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#24
 1,1-Dichloroethane
 Concen: 10.290 ppbv
 RT: 5.01 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VL037830.D
 Acq: 12 Oct 2021 14:22

Tgt Ion: 63 Resp: 1407655
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.3 6.9
 100 2.5 1.1 3.1



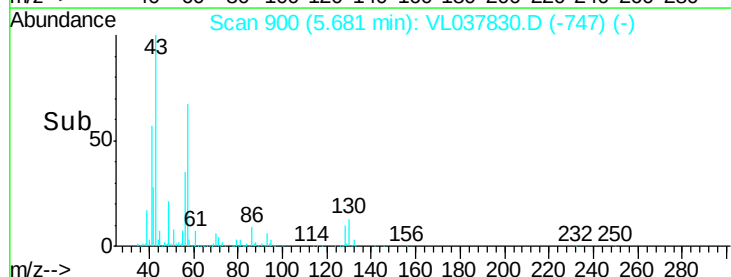
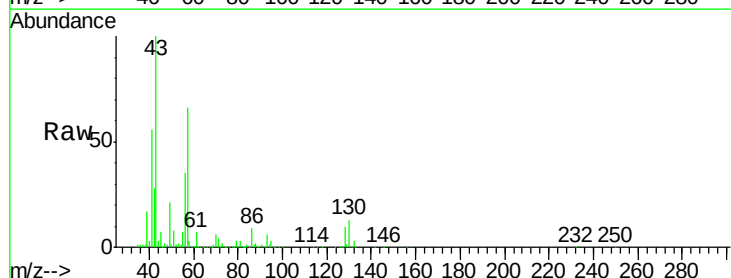
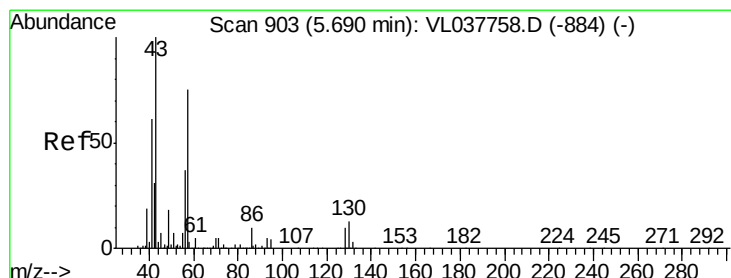
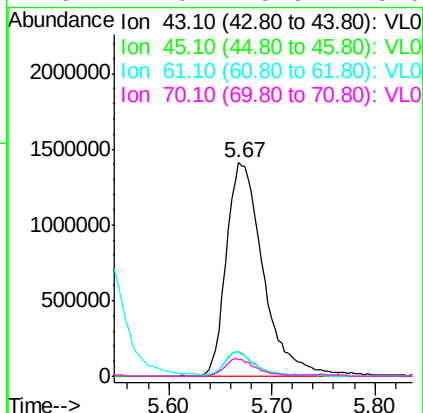


#25
Ethyl Acetate
Concen: 9.941 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1012ABS01
Acq: 12 Oct 2021 14:22

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 7.0 5.9 8.9

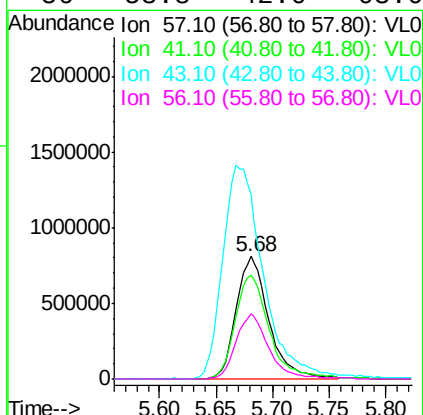
Manual Integrations
APPROVED

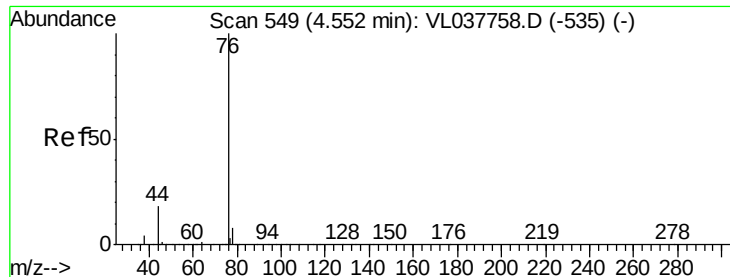
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#26
Hexane
Concen: 9.425 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL037830.D
Acq: 12 Oct 2021 14:22

Tgt Ion: 57 Resp: 1633132
Ion Ratio Lower Upper
57 100
41 88.9 69.6 104.4
43 217.3 171.4 257.0
56 53.8 42.0 63.0





#27

Carbon Disulfide

Concen: 10.440 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 14:22 VL1012ABS01

Tot Ion:

Ion Ratio

76 100

44 17.

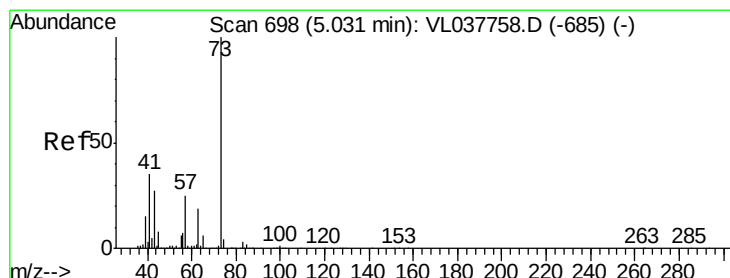
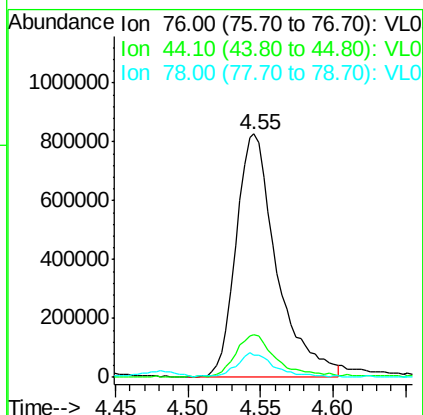
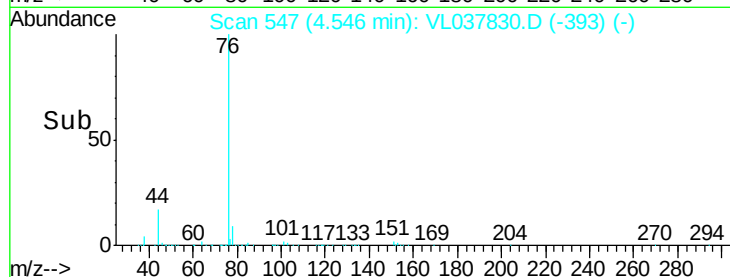
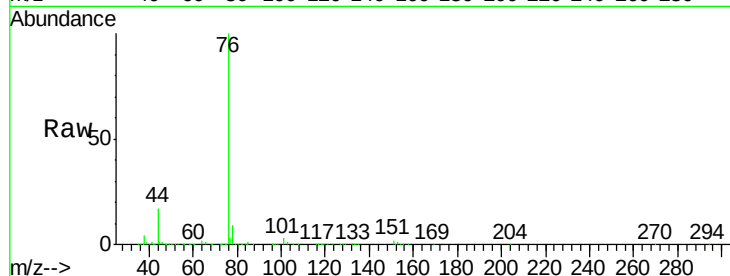
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#28

Methyl tert-Butyl Ether

Concen: 10.955 ppbv

RT: 5.03 min Scan# 697

Delta R.T. -0.00 min

Lab File: VL037830.D

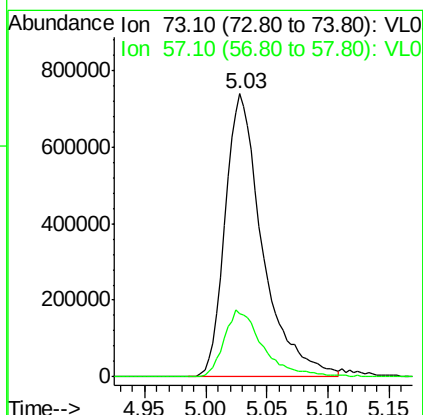
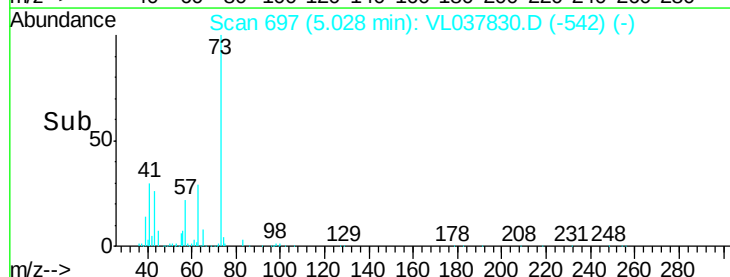
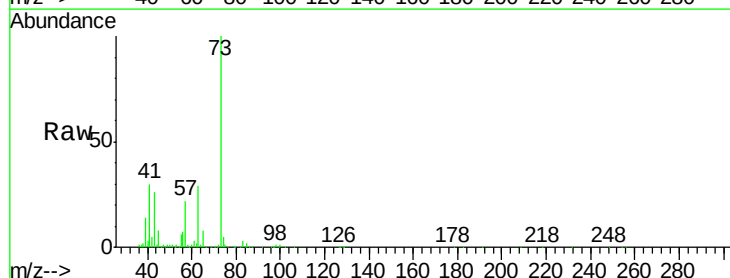
Acq: 12 Oct 2021 14:22

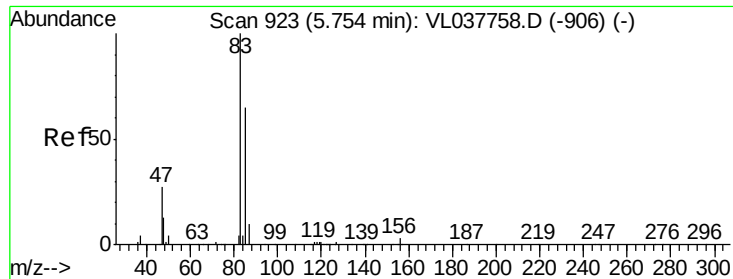
Tgt Ion: 73 Resp: 1580482

Ion Ratio Lower Upper

73 100

57 25.0 20.4 30.6



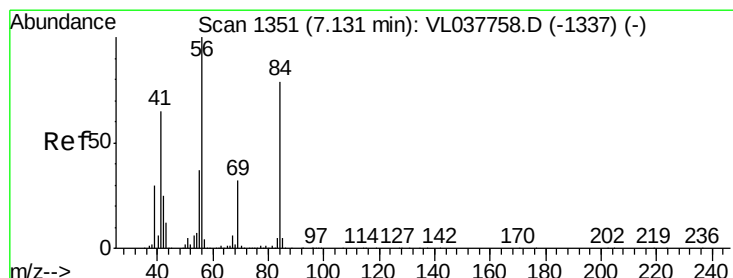
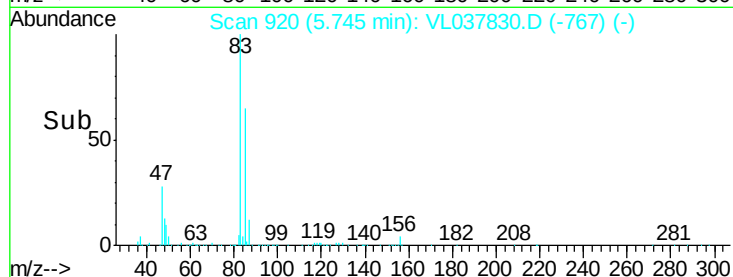
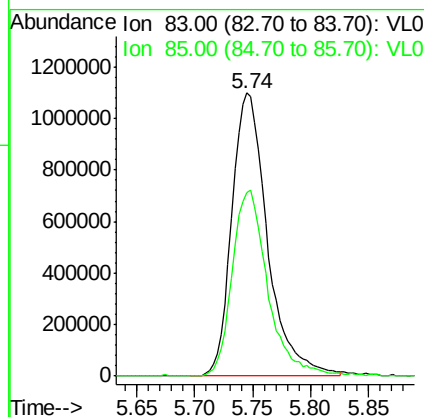
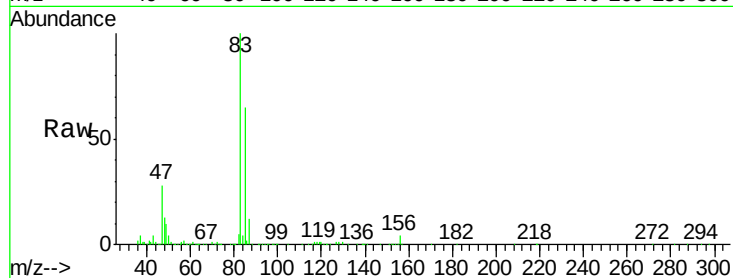


#29
Chloroform
Concen: 9.461 ppbv
RT: 5.74
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL1012ABS01
Acq: 12 Oct 2021 14:22

Tot Ion:
Ion Ratio
83 100
85 64.

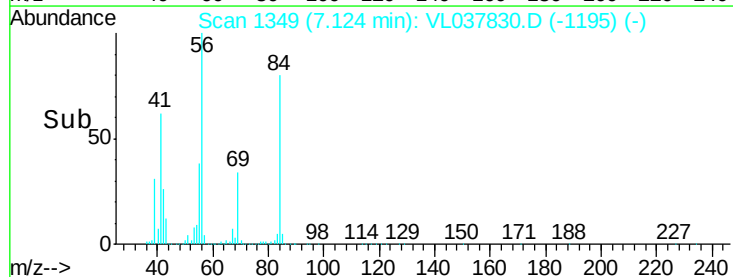
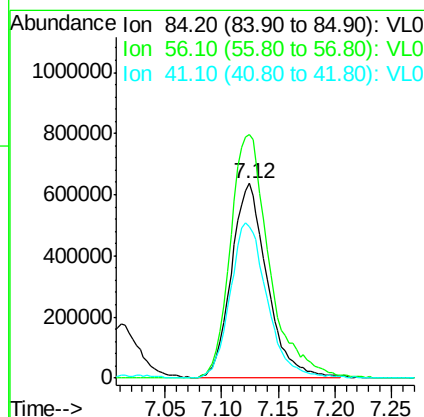
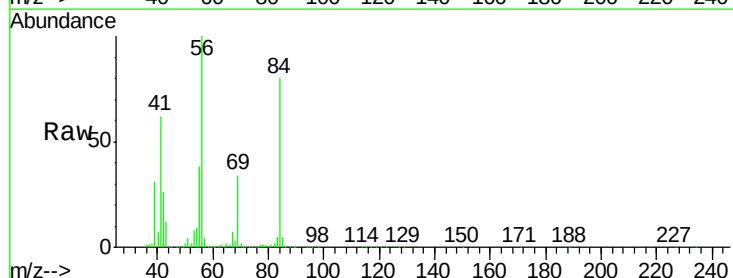
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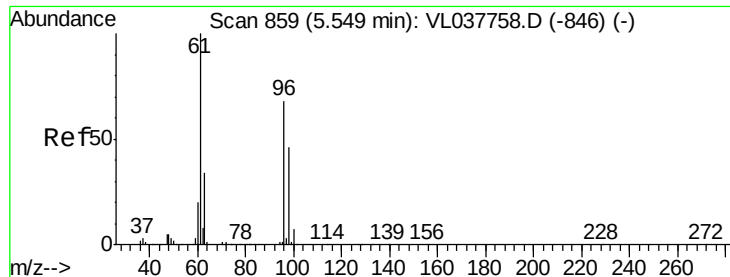
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#30
Cyclohexane
Concen: 9.459 ppbv
RT: 7.12 min Scan# 1349
Delta R.T.: -0.01 min
Lab File: VL037830.D
Acq: 12 Oct 2021 14:22

Tgt Ion: 84 Resp: 1389929
Ion Ratio Lower Upper
84 100
56 138.5 113.0 169.4
41 83.4 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 9.880 ppbv

RT: 5.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 12 Oct 2021 14:22

Tot Ion:

Ion Ratio

61 100

96 69.

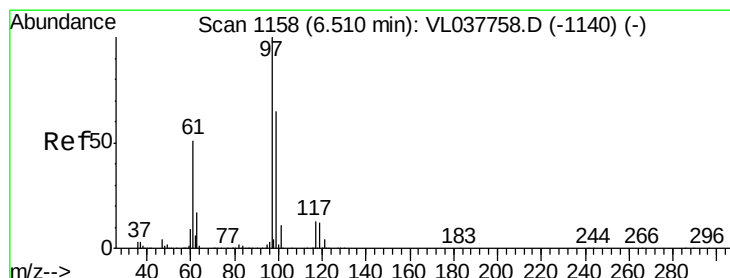
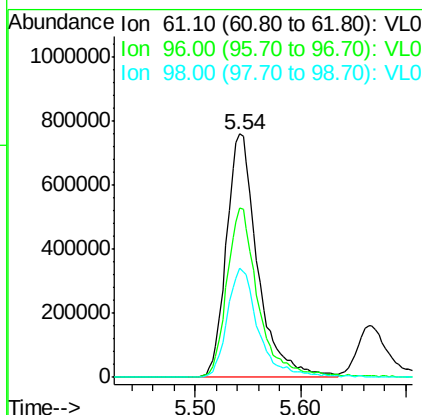
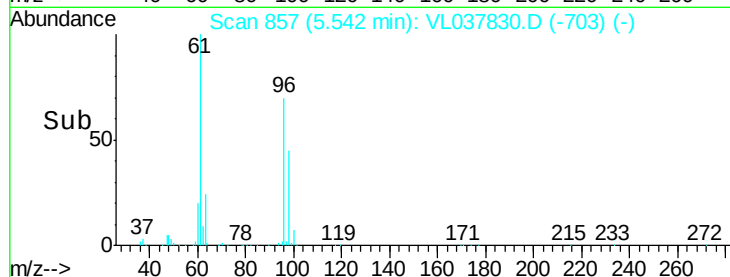
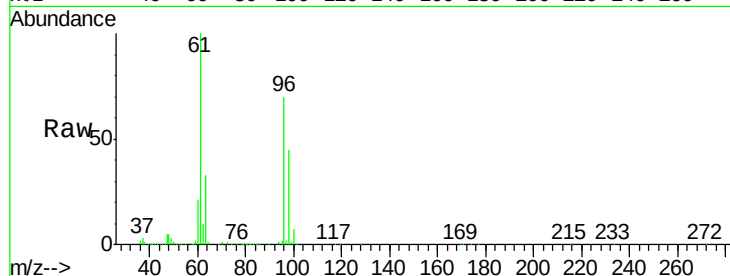
98 45.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#32

1,1,1-Trichloroethane

Concen: 9.571 ppbv

RT: 6.50 min Scan# 1156

Delta R.T. -0.01 min

Lab File: VL037830.D

Acq: 12 Oct 2021 14:22

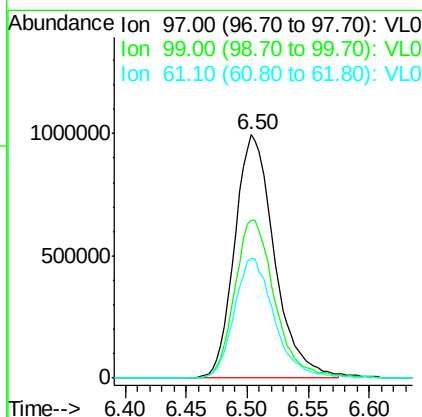
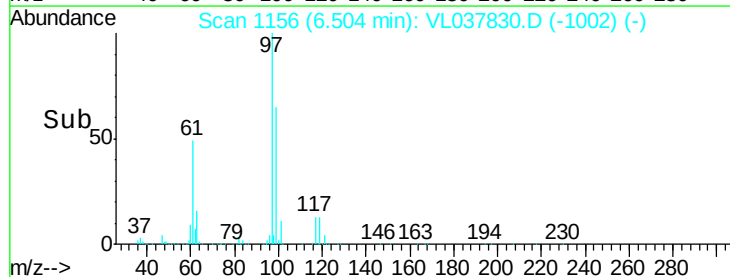
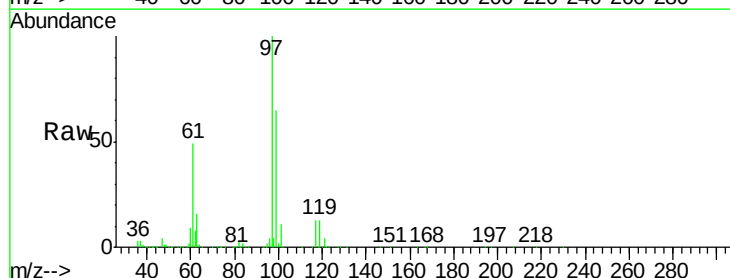
Tgt Ion: 97 Resp: 2247471

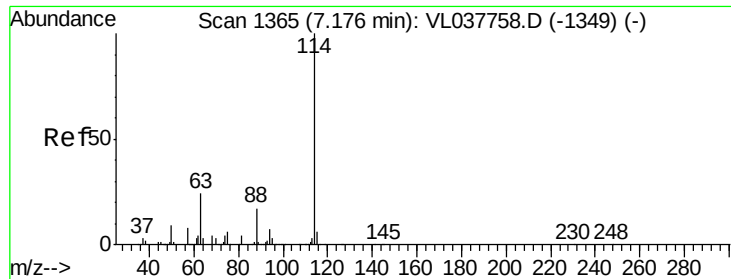
Ion Ratio Lower Upper

97 100

99 65.8 52.6 78.8

61 49.9 40.2 60.4



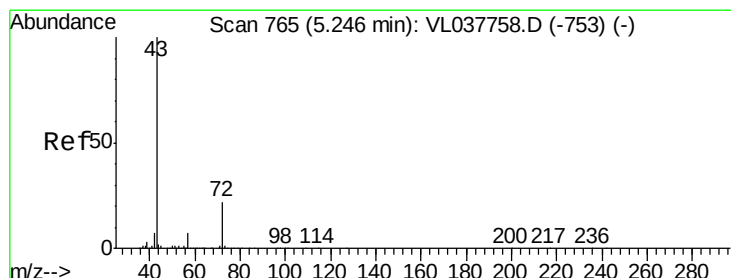
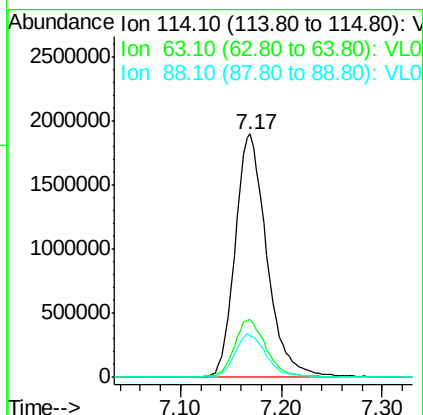
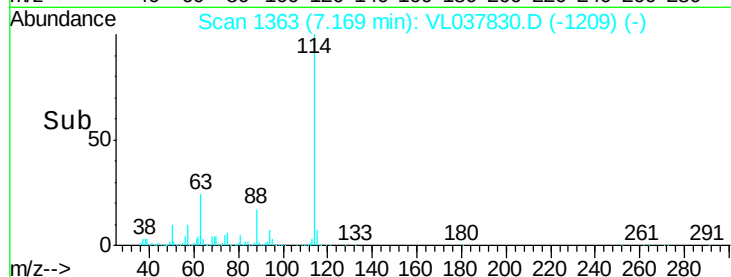
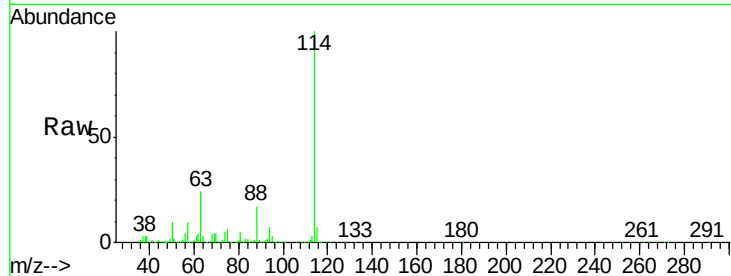


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1012ABS01
 Acq: 12 Oct 2021 14:22

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 17.

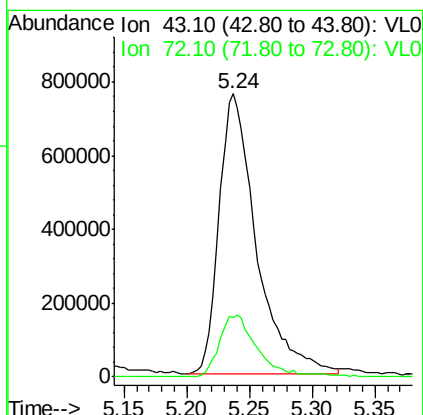
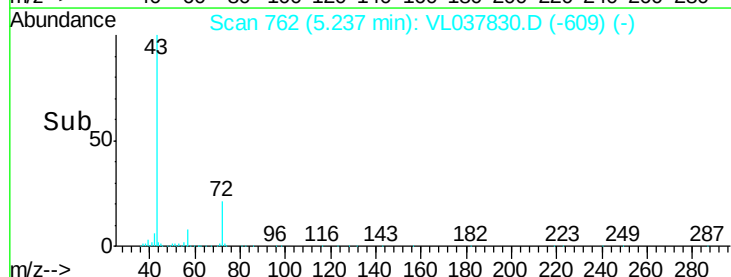
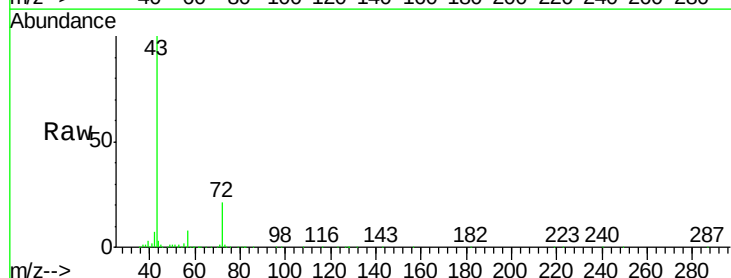
Manual Integrations
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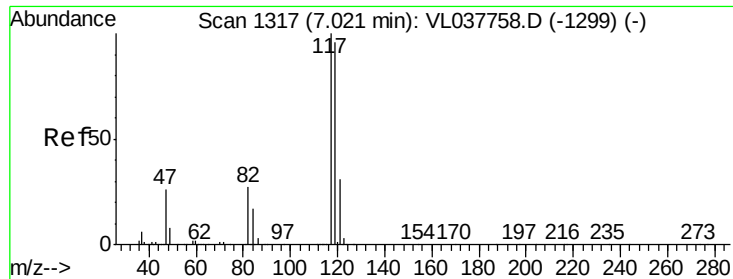
Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#34
 2-Butanone
 Concen: 9.457 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL037830.D
 Acq: 12 Oct 2021 14:22

Tgt Ion: 43 Resp: 1577465
 Ion Ratio Lower Upper
 43 100
 72 22.7 18.2 27.2



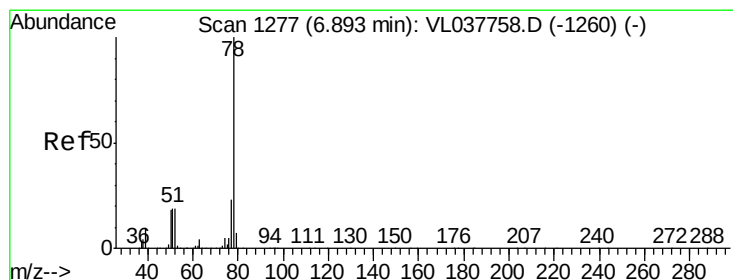
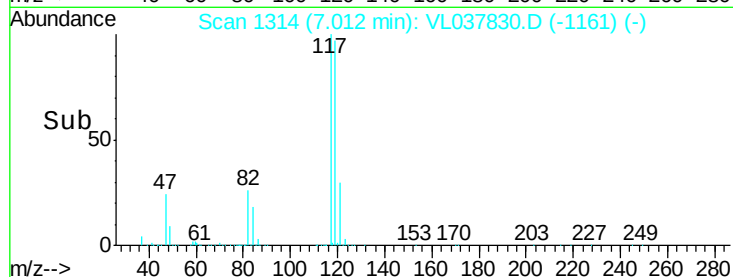
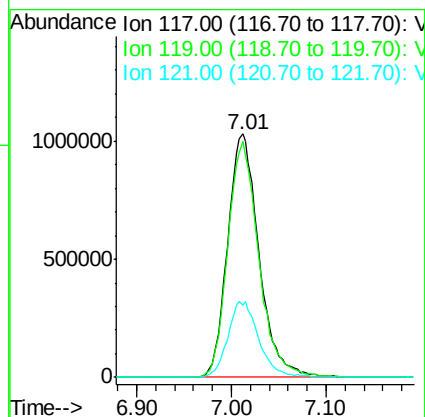
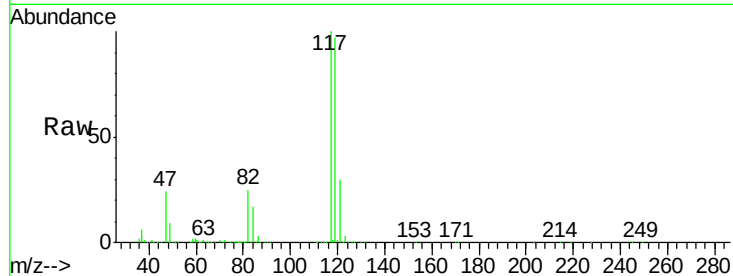


#35
Carbon Tetrachloride
Concen: 10.097 ppbv
RT: 7.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1012ABS01
Acq: 12 Oct 2021 14:22

Tot Ion:1
Ion Rati
117 100
119 97.
121 29.

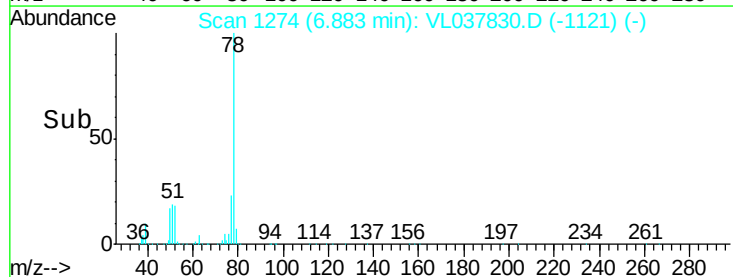
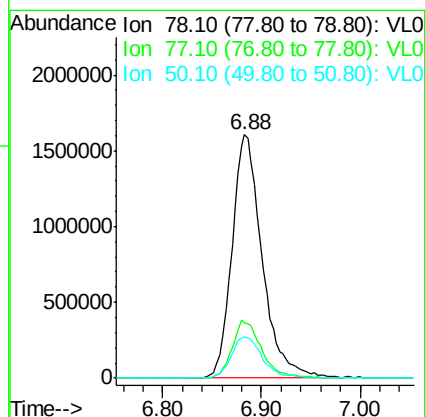
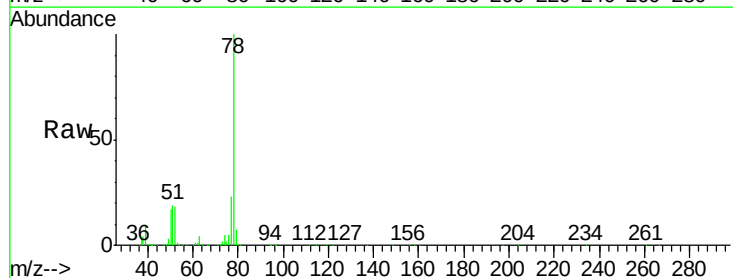
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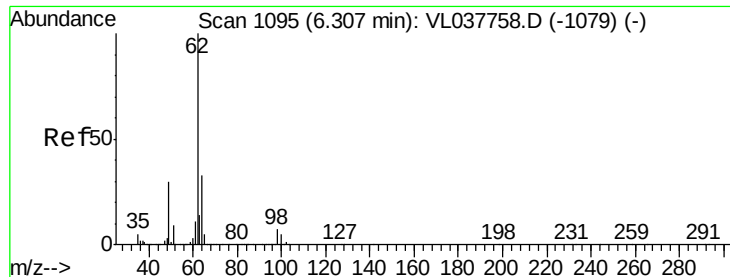
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#36
Benzene
Concen: 9.688 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL037830.D
Acq: 12 Oct 2021 14:22

Tgt Ion: 78 Resp: 3418861
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2
50 17.2 14.7 22.1



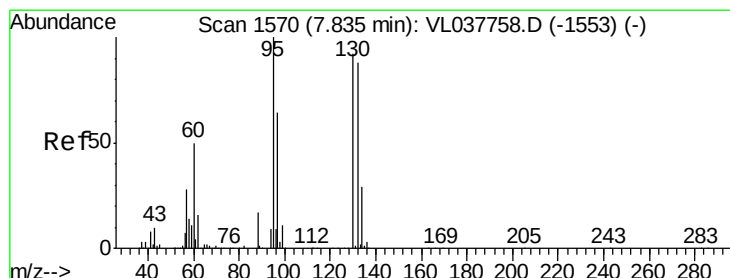
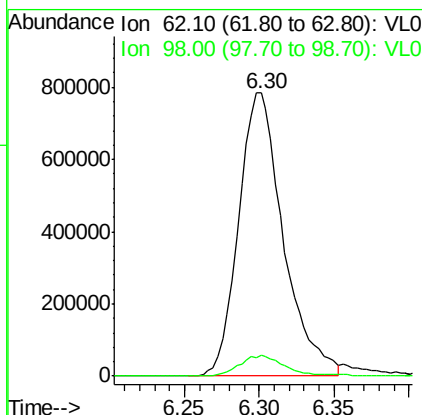
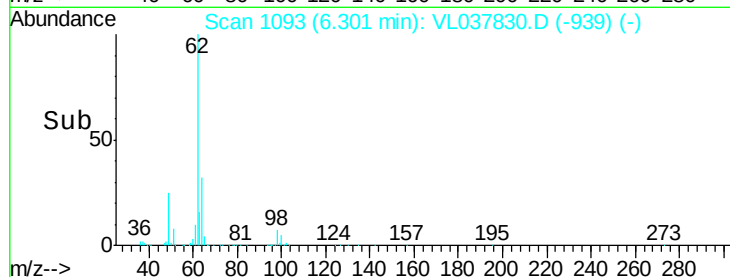
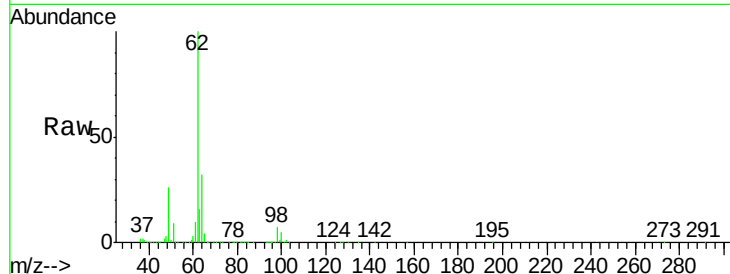


#37
 1,2-Dichloroethane
 Concen: 9.812 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1012ABS01
 Acq: 12 Oct 2021 14:22

Tot Ion:
 Ion Ratio
 62 100
 98 7.

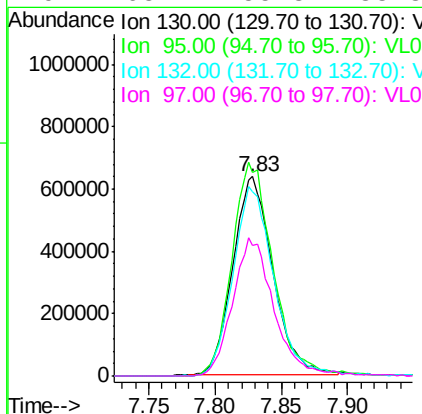
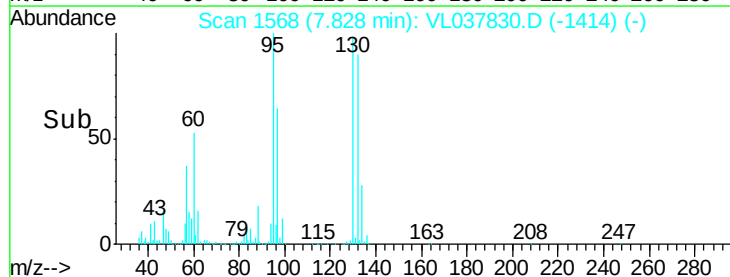
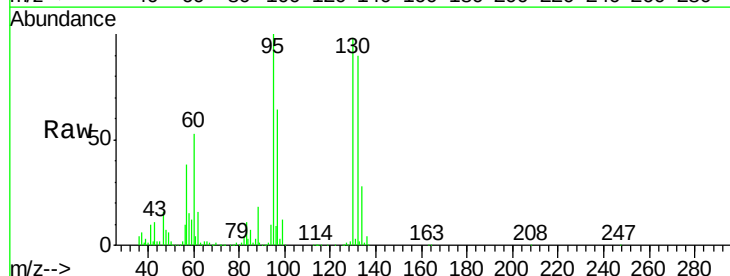
Manual Integrations
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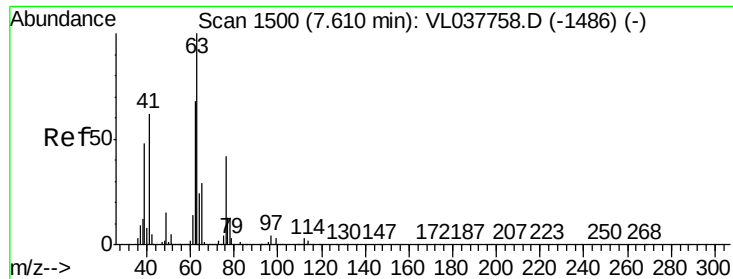
Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#38
 Trichloroethene
 Concen: 9.586 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: VL037830.D
 Acq: 12 Oct 2021 14:22

Tgt Ion:130 Resp: 1336543
 Ion Ratio Lower Upper
 130 100
 95 102.8 87.4 131.0
 132 92.9 76.8 115.2
 97 65.7 55.8 83.8



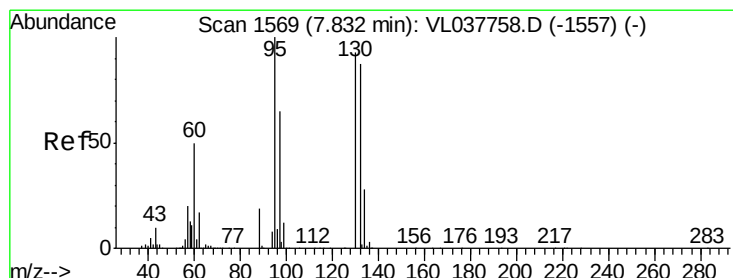
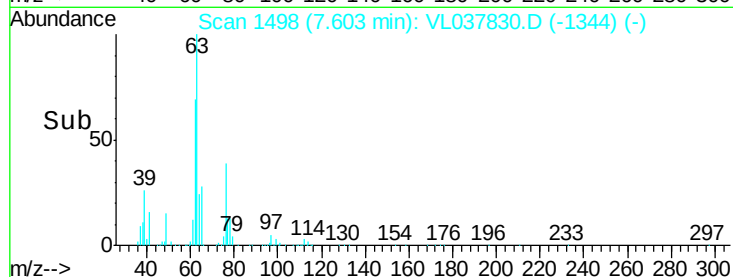
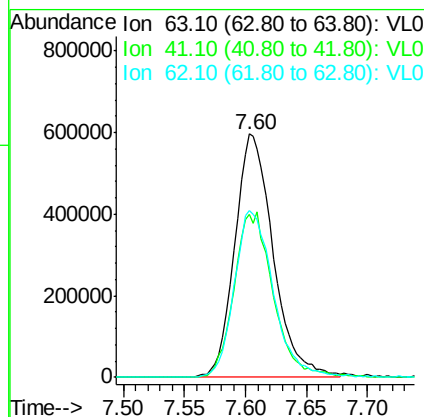
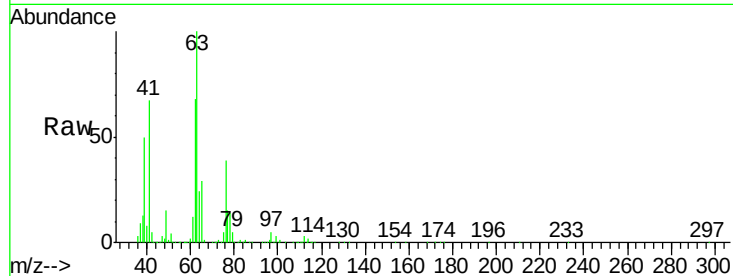


#39
 1,2-Dichloropropane
 Concen: 9.790 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1012ABS01
 Acq: 12 Oct 2021 14:22

Tot Ion:
 Ion Ratio
 63 100
 41 66.
 62 68.

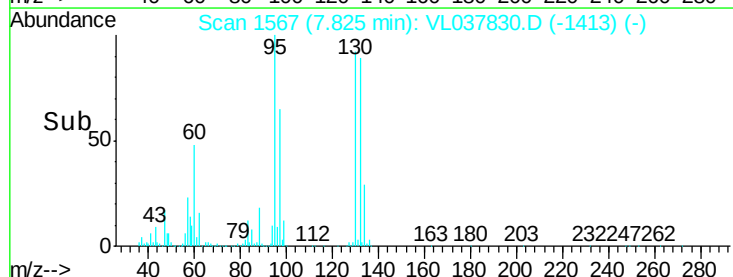
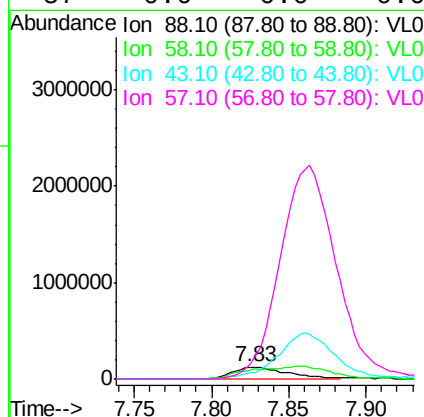
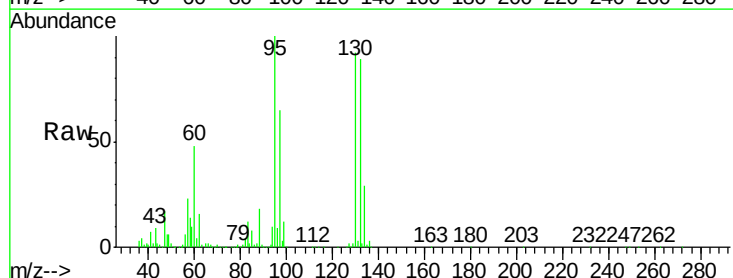
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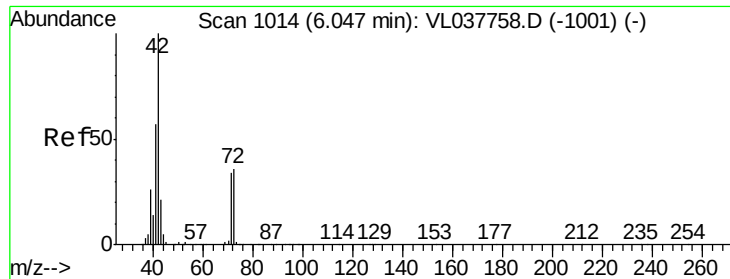
Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#40
 1,4-Dioxane
 Concen: 8.947 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VL037830.D
 Acq: 12 Oct 2021 14:22

Tgt Ion: 88 Resp: 297188
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0



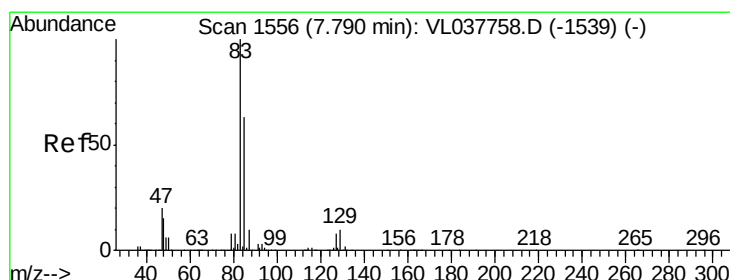
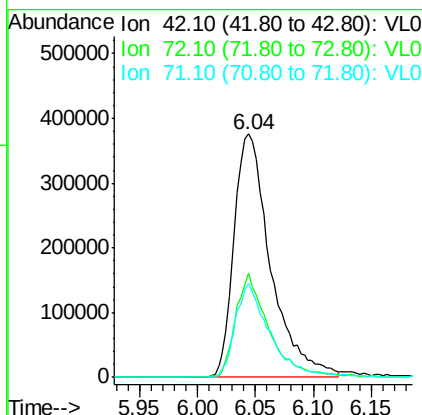
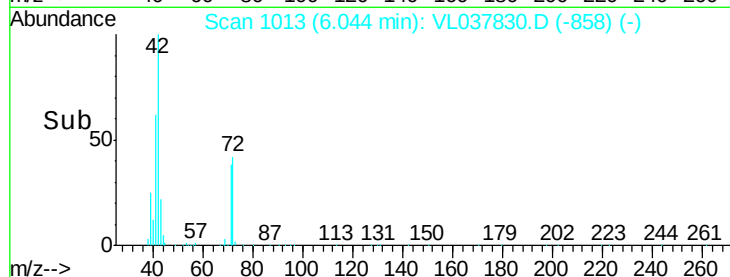
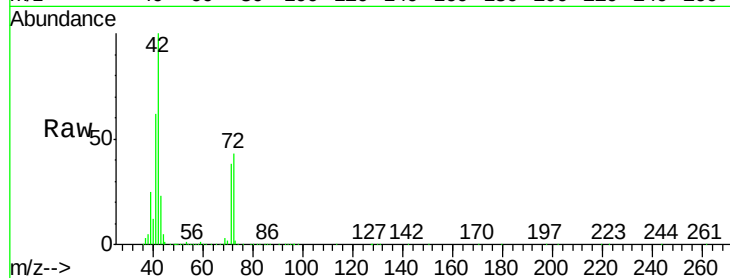


#41
Tetrahydrofuran
Concen: 10.053 ppbv
RT: 6.04
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
VL1012ABS01
Acq: 12 Oct 2021 14:22

Tot Ion:
Ion Ratio
42 100
72 39.
71 37.

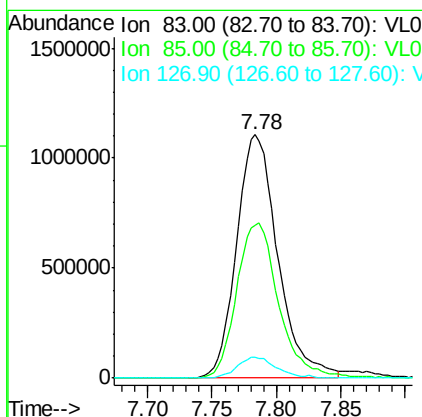
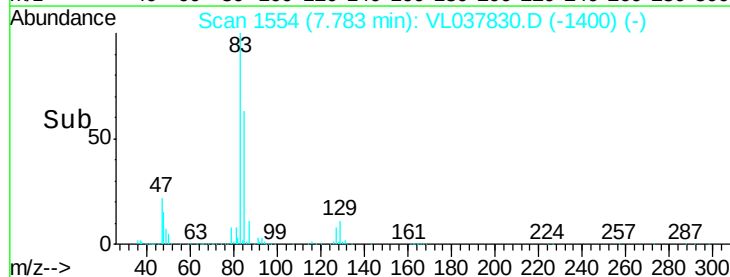
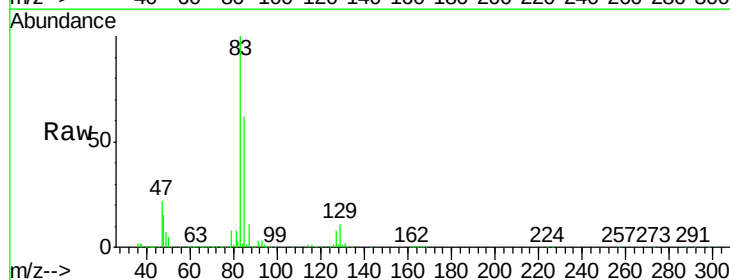
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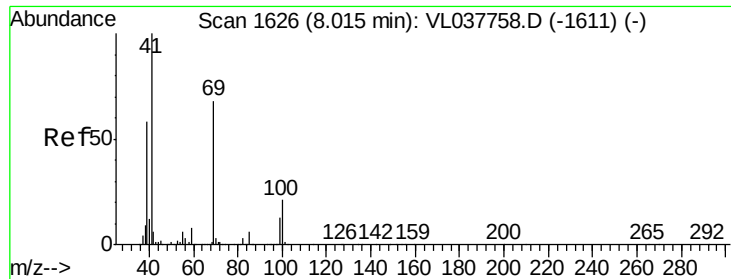
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#42
Bromodichloromethane
Concen: 10.088 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VL037830.D
Acq: 12 Oct 2021 14:22

Tgt Ion: 83 Resp: 2462405
Ion Ratio Lower Upper
83 100
85 62.5 50.6 75.8
127 8.3 6.2 9.4



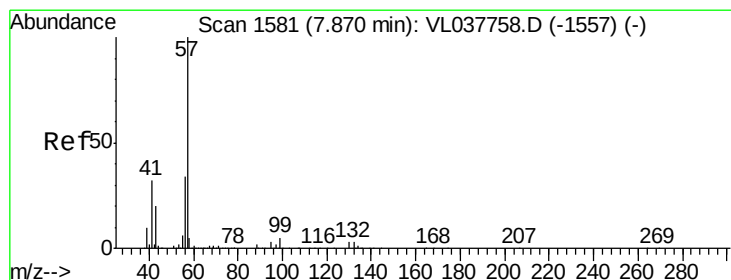
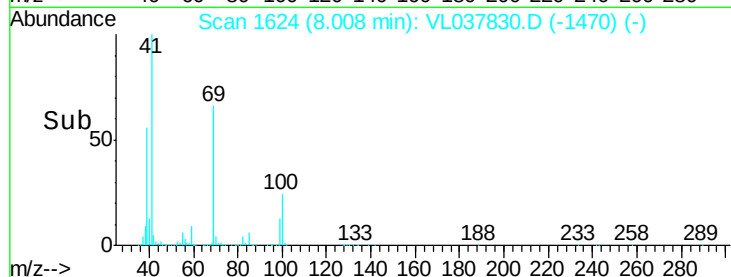
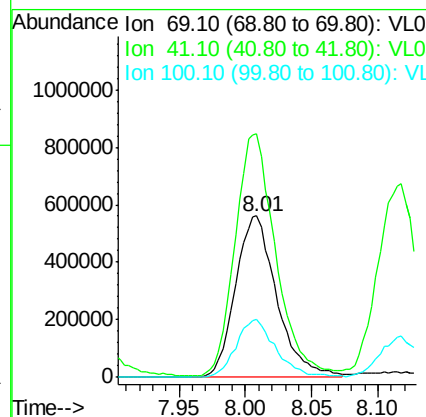
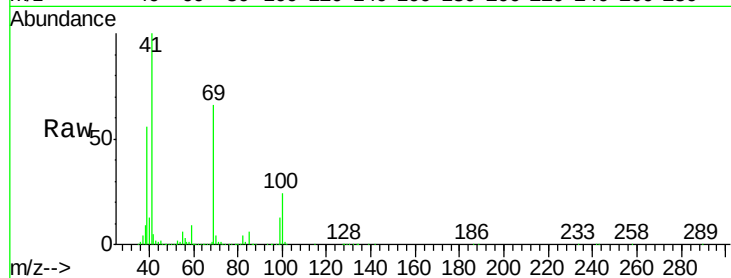


#43
Methyl Methacrylate
Concen: 10.532 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL1012ABS01
Acq: 12 Oct 2021 14:22

Tot Ion:
Ion Ratio
69 100
41 148.
100 34.

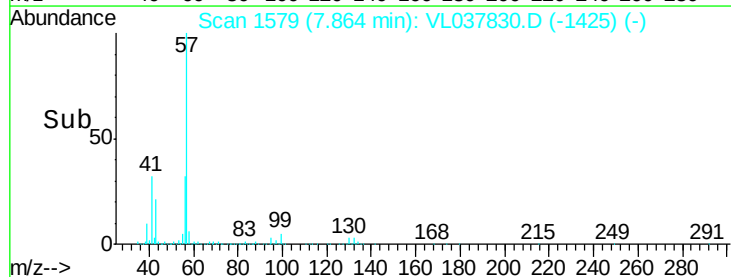
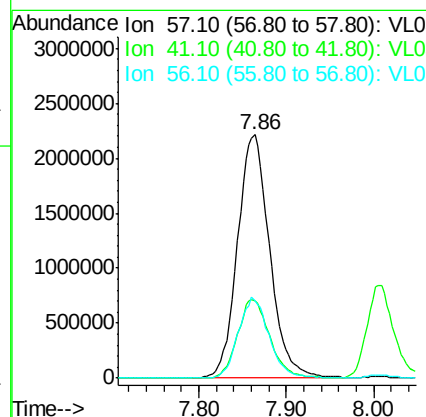
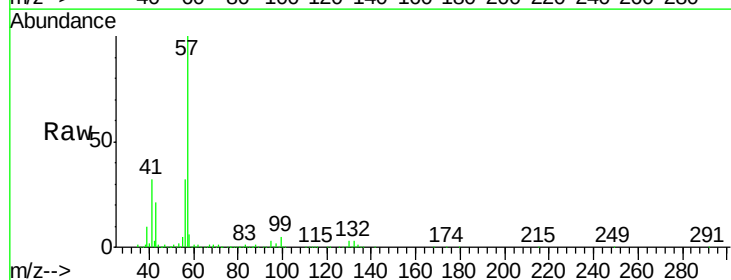
Manual Integrations
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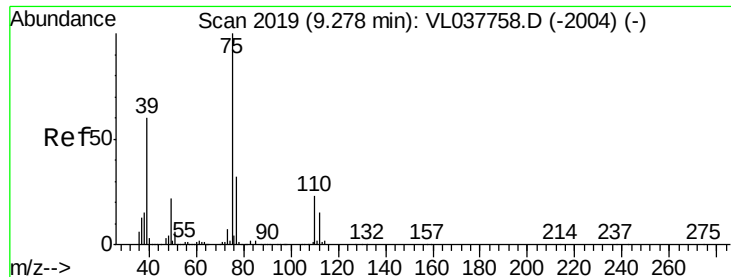
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#44
2,2,4-Trimethylpentane
Concen: 9.567 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL037830.D
Acq: 12 Oct 2021 14:22

Tgt Ion: 57 Resp: 5672547
Ion Ratio Lower Upper
57 100
41 32.6 25.6 38.4
56 31.7 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 11.773 ppbv

RT: 9.27 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 14:22

Tot Ion:

Ion Ratio

75 100

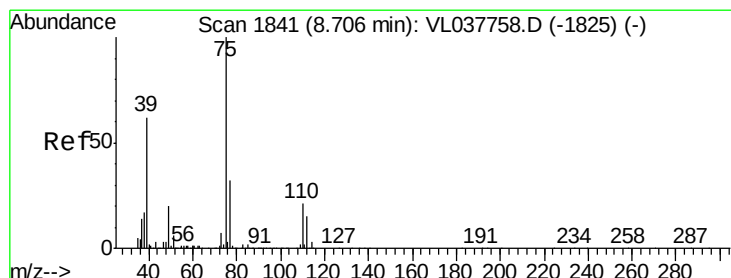
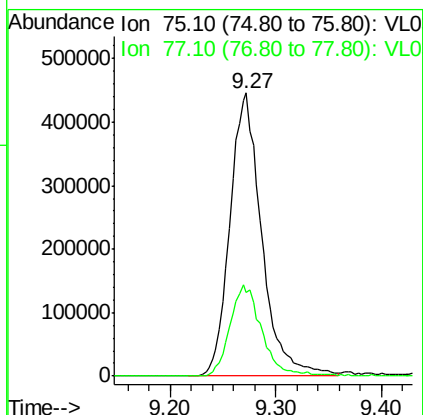
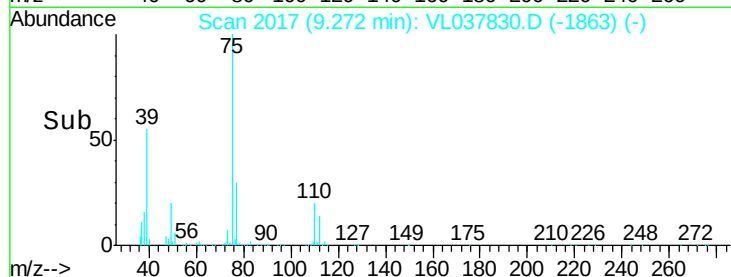
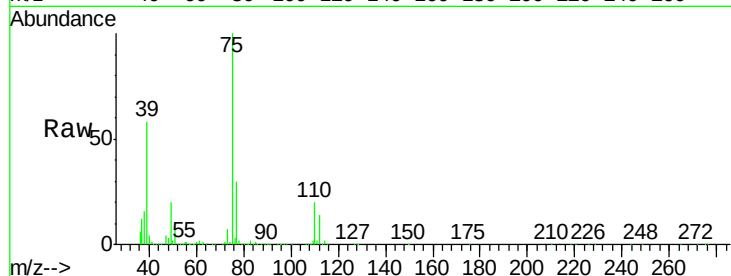
77 29.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#46

cis-1,3-Dichloropropene

Concen: 11.273 ppbv

RT: 8.69 min Scan# 1837

Delta R.T. -0.01 min

Lab File: VL037830.D

Acq: 12 Oct 2021 14:22

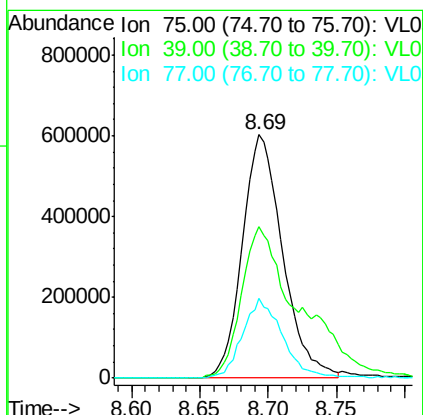
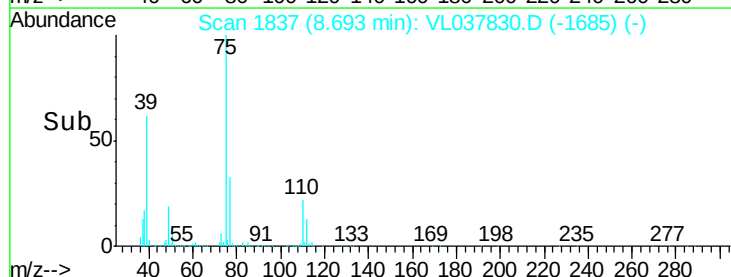
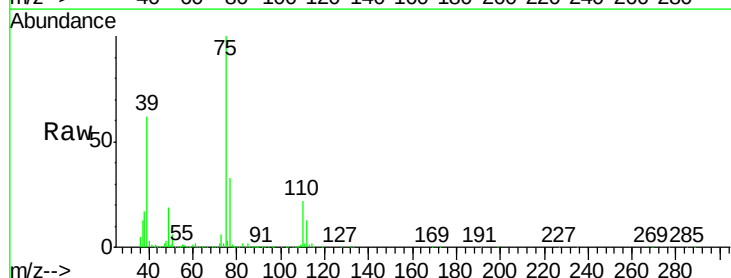
Tgt Ion: 75 Resp: 1239324

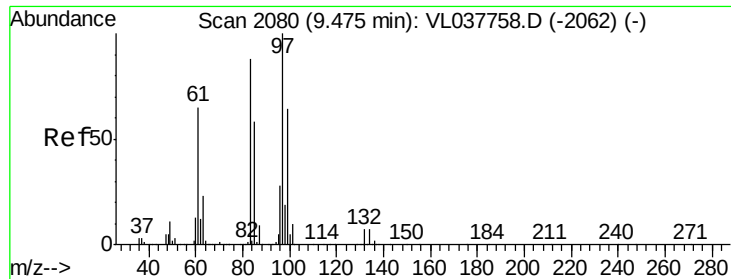
Ion Ratio Lower Upper

75 100

39 62.3 49.9 74.9

77 32.8 25.9 38.9



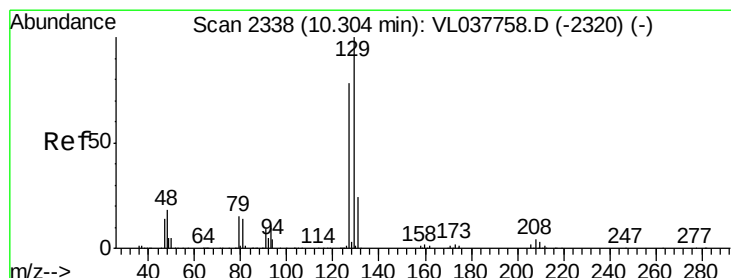
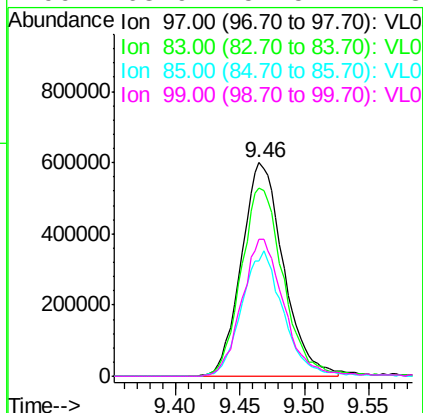
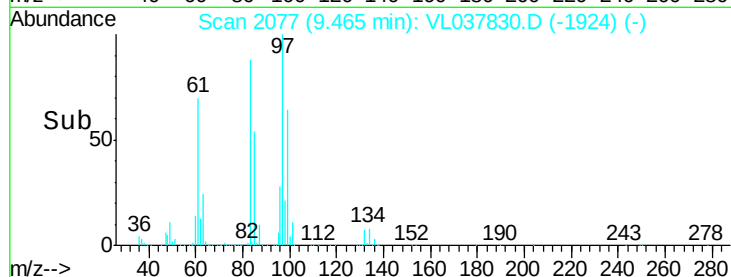
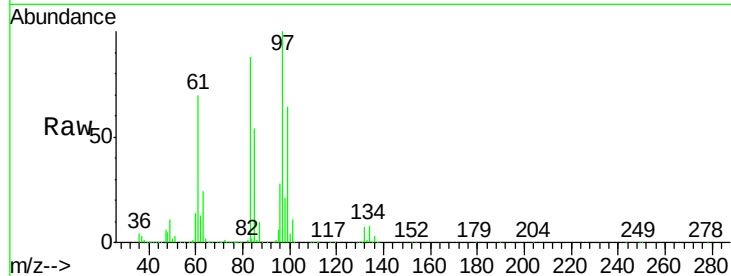


#47
 1,1,2-Trichloroethane
 Concen: 9.449 ppbv
 RT: 9.46
 Instrument: MSVOA_L
 Delta R.T.:
 Client Sample Id:
 Lab File: VL1012ABS01
 Acq: 12 Oct 2021 14:22

Tot Ion:
 Ion Ratio
 97 100
 83 88.
 85 54.
 99 63.9 51.5 77.3

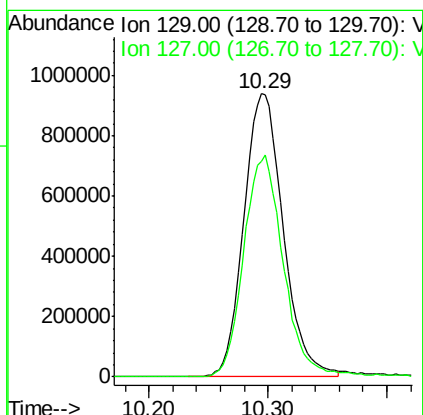
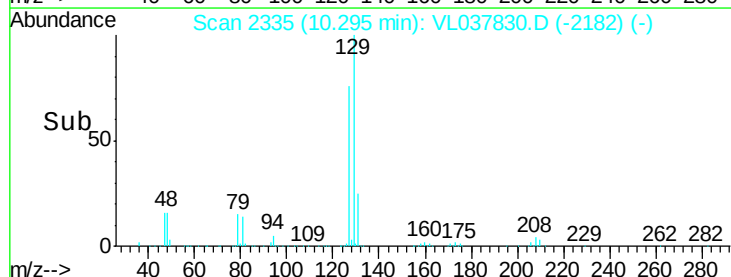
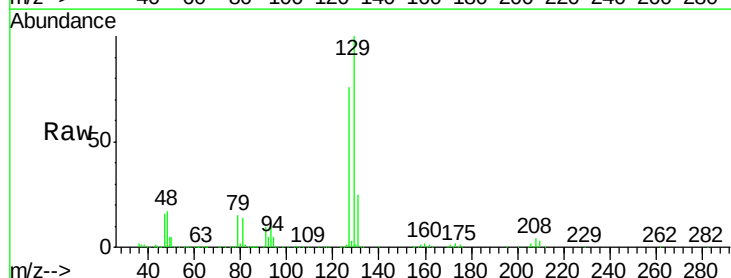
Manual Integrations
 APPROVED

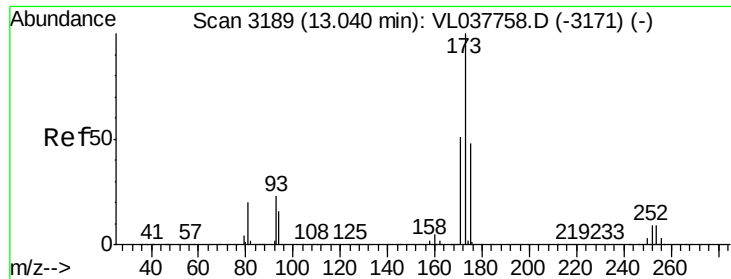
Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#48
 Dibromochloromethane
 Concen: 10.469 ppbv
 RT: 10.29 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: VL037830.D
 Acq: 12 Oct 2021 14:22

Tgt Ion:129 Resp: 2153743
 Ion Ratio Lower Upper
 129 100
 127 79.5 39.5 118.5





#49

Bromoform

Concen: 10.953 ppbv

RT: 13.03

Delta R.T.

Lab File:

Acq: 12 Oct 2021 14:22

Instrument:

MSVOA_L

ClientSampleId:

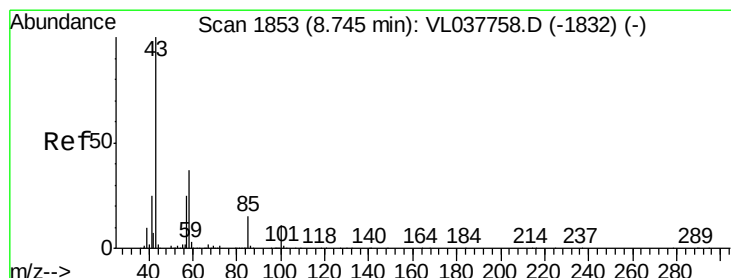
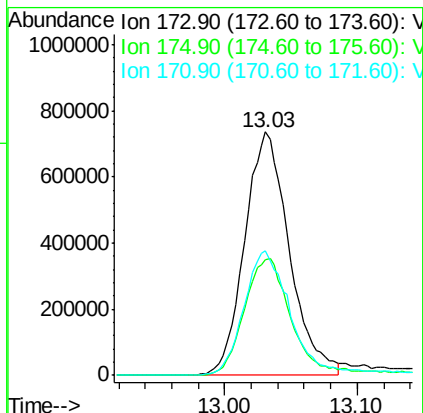
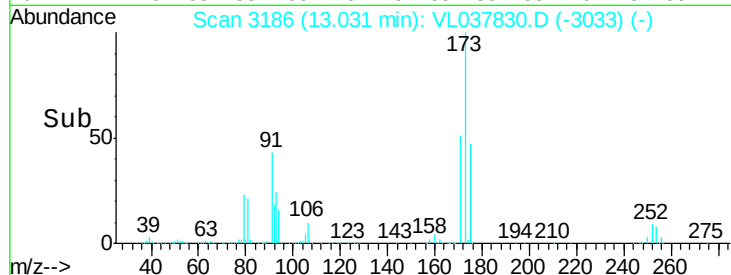
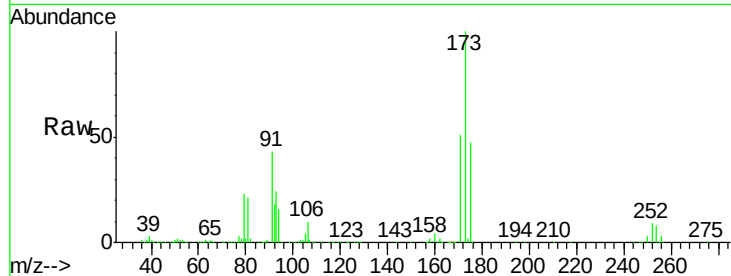
VL1012ABS01

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Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#50

4-Methyl-2-Pentanone

Concen: 10.194 ppbv

RT: 8.74 min Scan# 1850

Delta R.T. -0.01 min

Lab File: VL037830.D

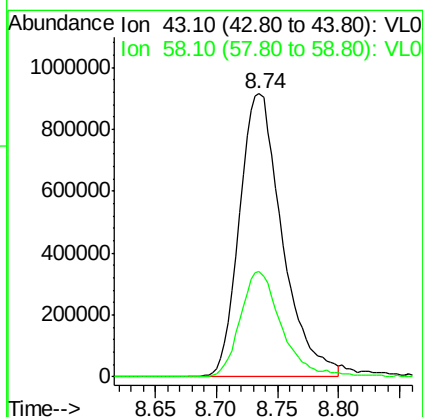
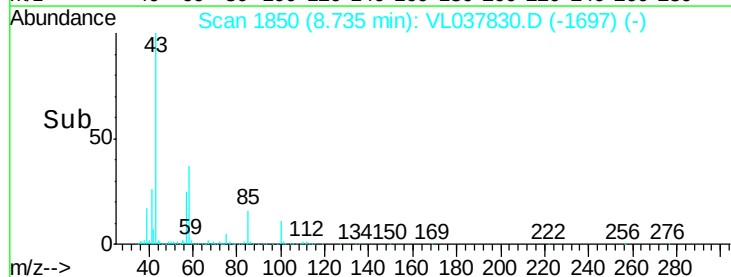
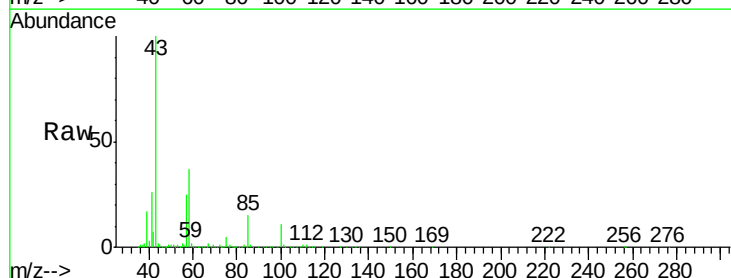
Acq: 12 Oct 2021 14:22

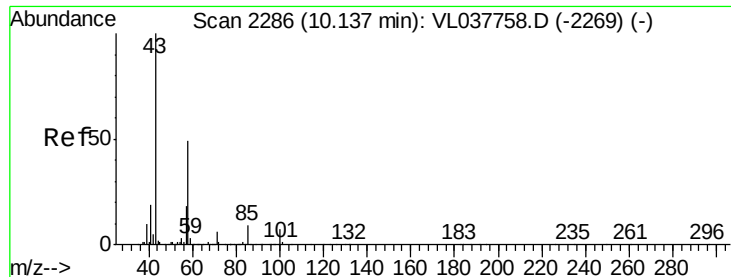
Tgt Ion: 43 Resp: 2213615

Ion Ratio Lower Upper

43 100

58 36.5 29.4 44.0





#51

2-Hexanone

Concen: 10.606 ppbv

RT: 10.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 14:22

Tot Ion:

Ion Ratio

43 100

58 49.

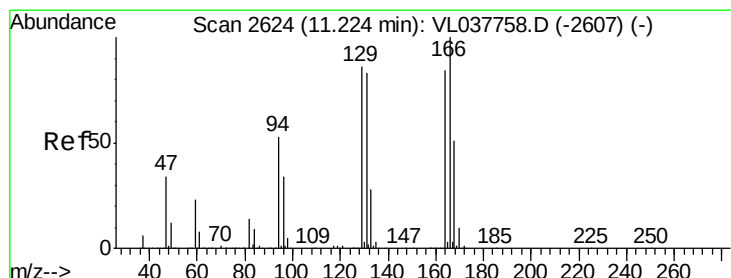
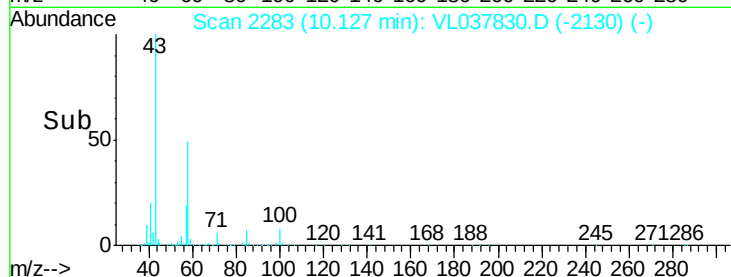
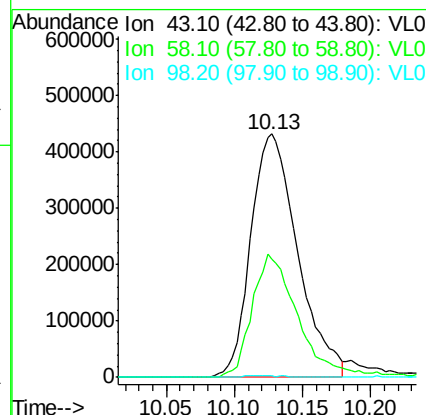
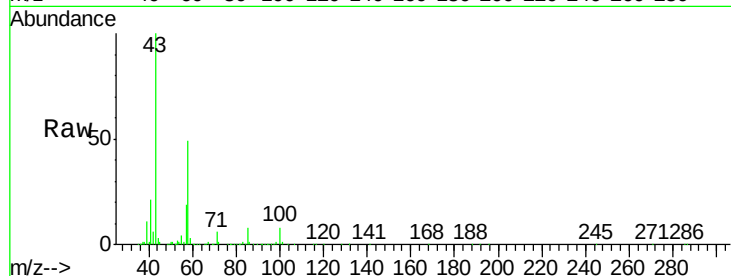
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#52

Tetrachloroethene

Concen: 8.857 ppbv

RT: 11.21 min Scan# 2621

Delta R.T. -0.01 min

Lab File: VL037830.D

Acq: 12 Oct 2021 14:22

Tgt Ion:164 Resp: 1216061

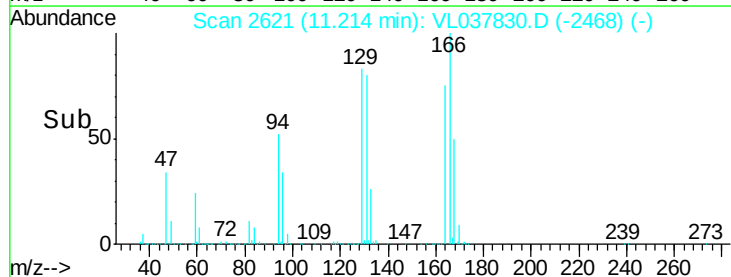
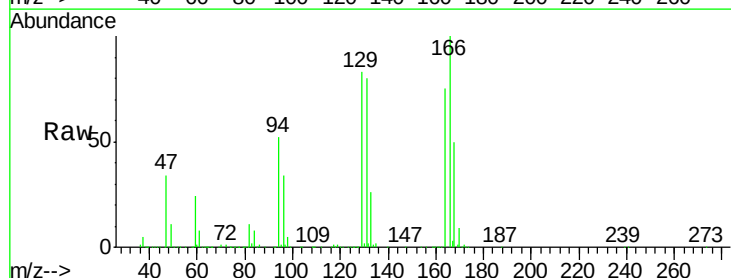
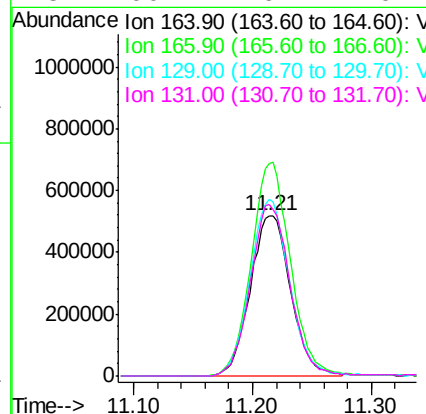
Ion Ratio Lower Upper

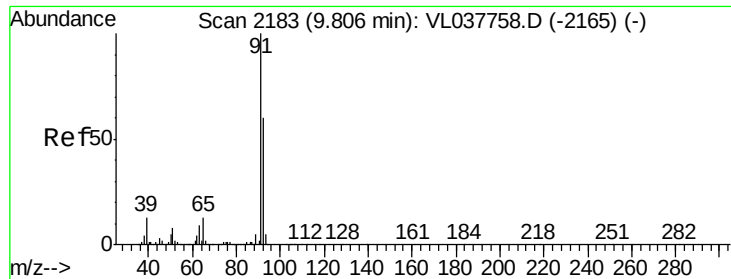
164 100

166 132.8 95.4 143.2

129 110.4 82.2 123.4

131 106.7 79.4 119.2





#53

Toluene

Concen: 10.100 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 14:22

Tot Ion:

Ion Ratio

91 100

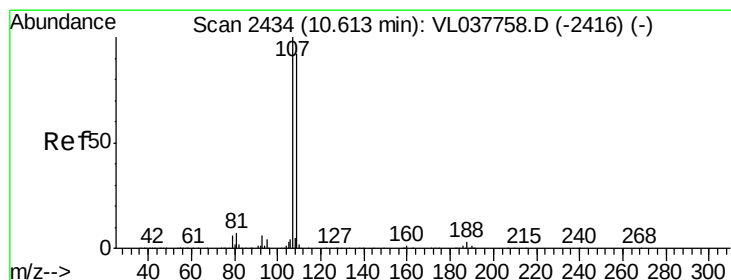
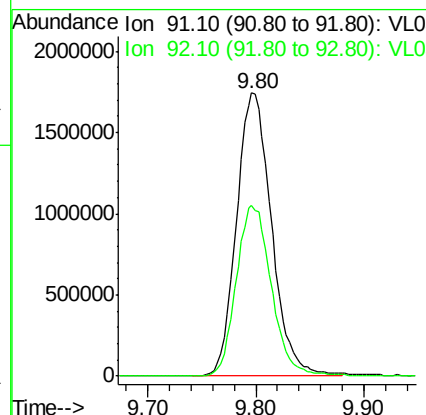
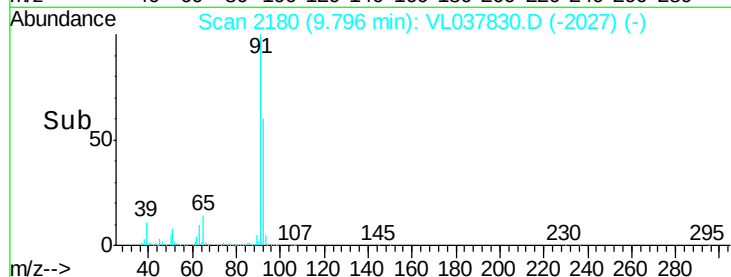
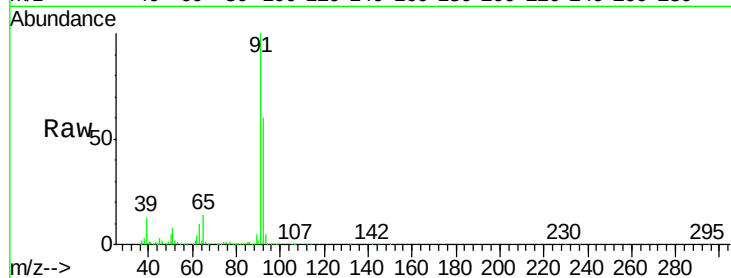
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#54

1,2-Dibromoethane

Concen: 9.858 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.01 min

Lab File: VL037830.D

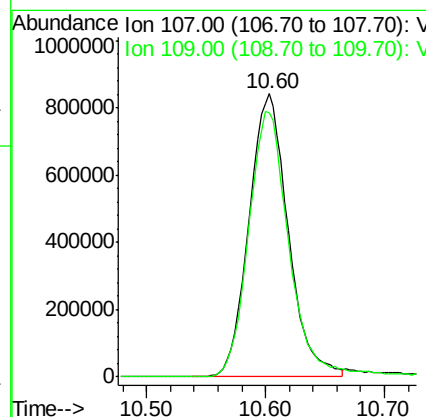
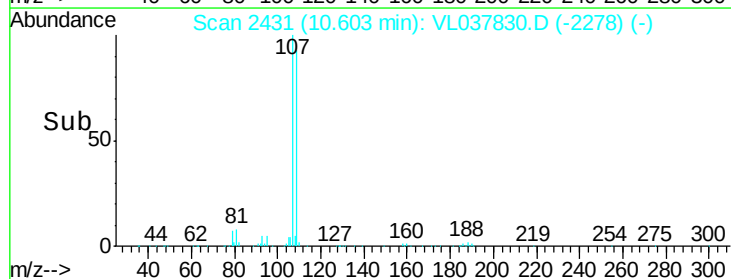
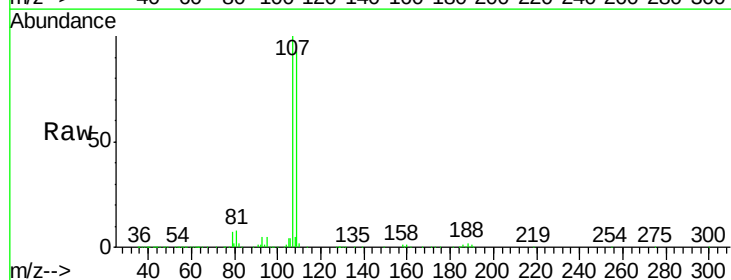
Acq: 12 Oct 2021 14:22

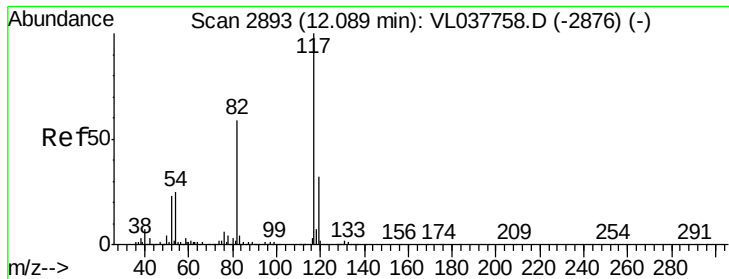
Tgt Ion:107 Resp: 1921547

Ion Ratio Lower Upper

107 100

109 93.5 73.8 110.6



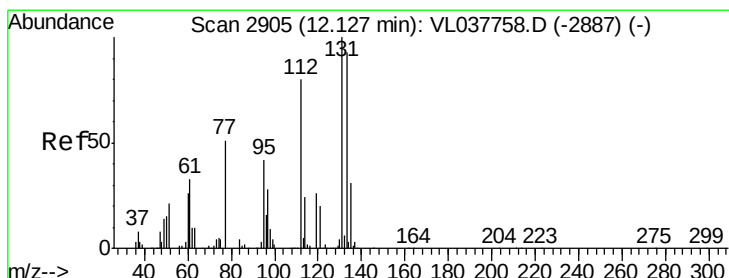
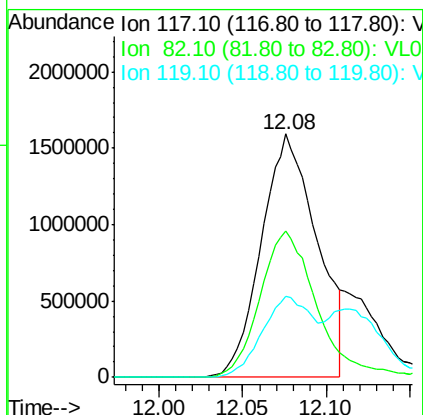
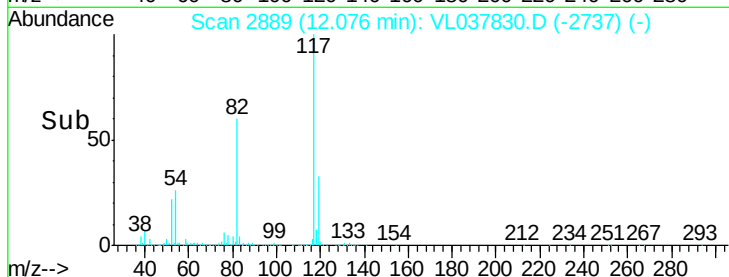
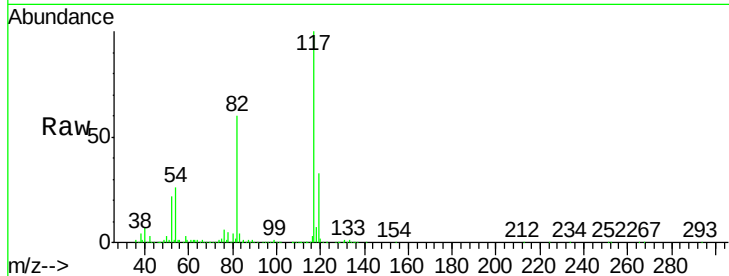


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId : VL1012ABS01
Acq: 12 Oct 2021 14:22

Tot Ion:1
Ion Rati
117 100
82 63.
119 31.

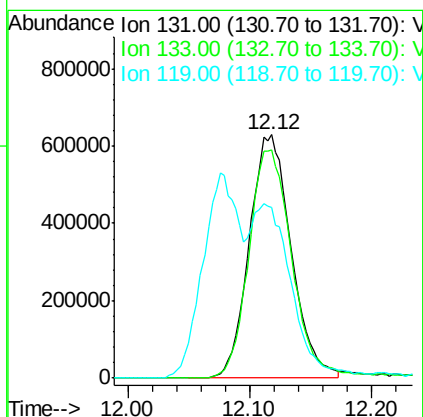
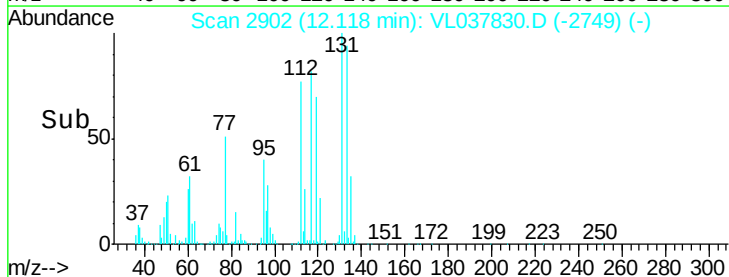
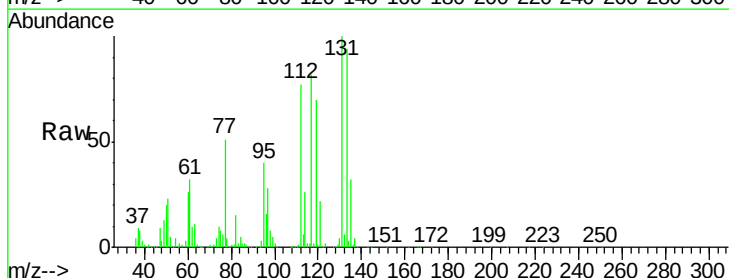
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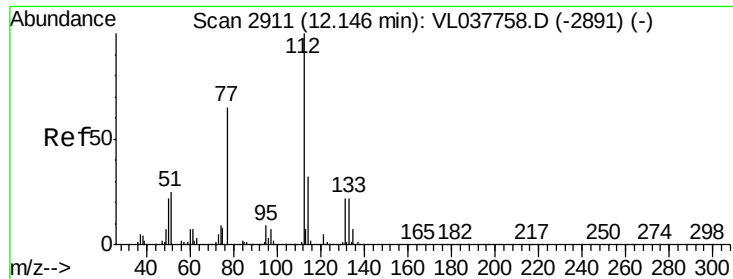
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.808 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL037830.D
Acq: 12 Oct 2021 14:22

Tgt Ion:131 Resp: 1493033
Ion Ratio Lower Upper
131 100
133 99.0 78.5 117.7
119 67.5 51.7 77.5





#57

Chlorobenzene

Concen: 9.690 ppbv m

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 14:22

Tot Ion:1

Ion Rati

112 100

77 64.

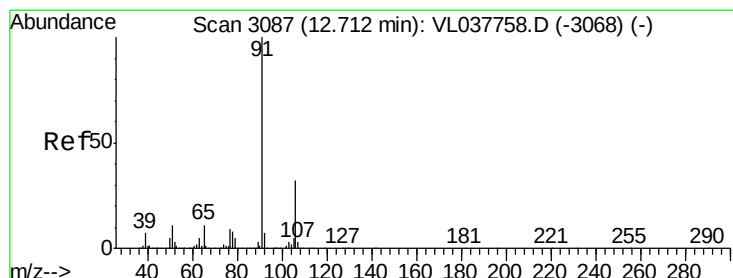
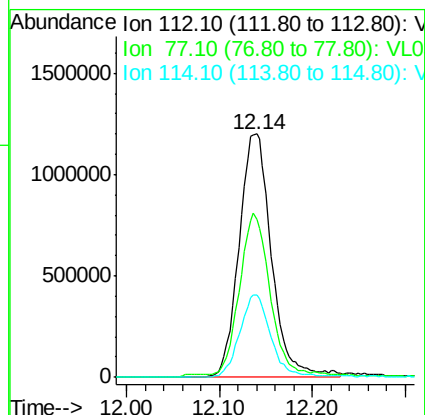
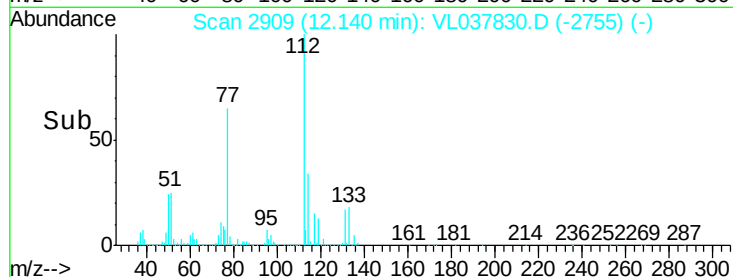
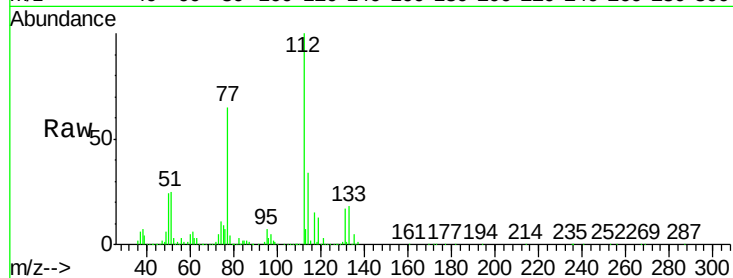
114 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#58

Ethyl Benzene

Concen: 10.105 ppbv

RT: 12.70 min Scan# 3083

Delta R.T. -0.01 min

Lab File: VL037830.D

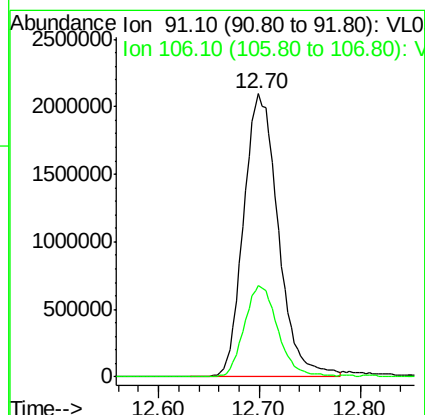
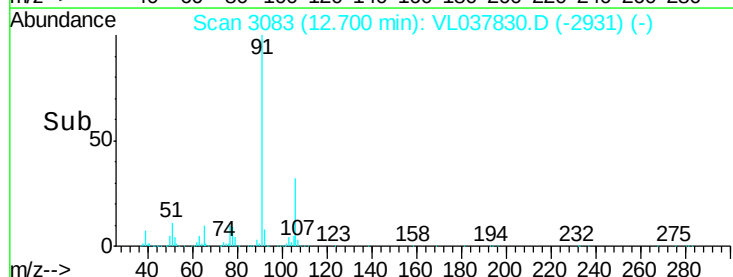
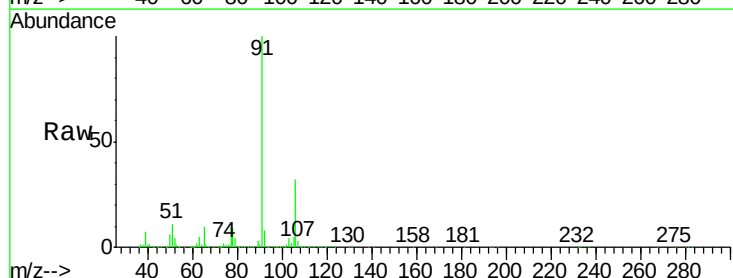
Acq: 12 Oct 2021 14:22

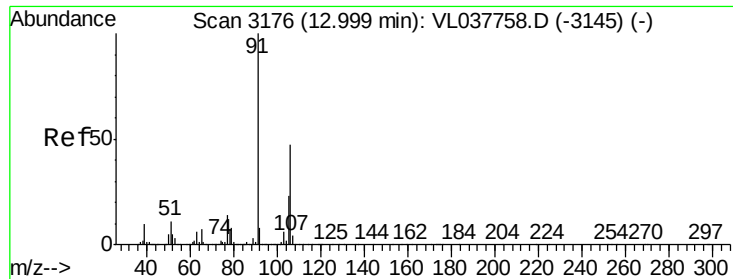
Tgt Ion: 91 Resp: 4989786

Ion Ratio Lower Upper

91 100

106 32.1 25.3 37.9



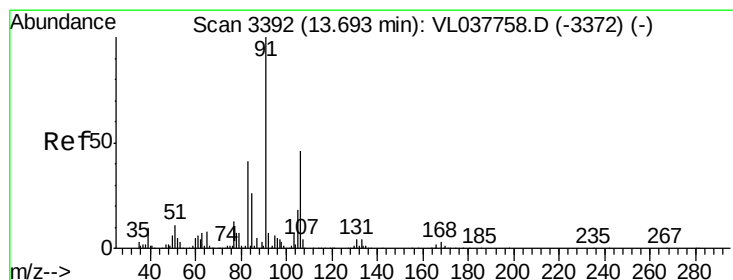
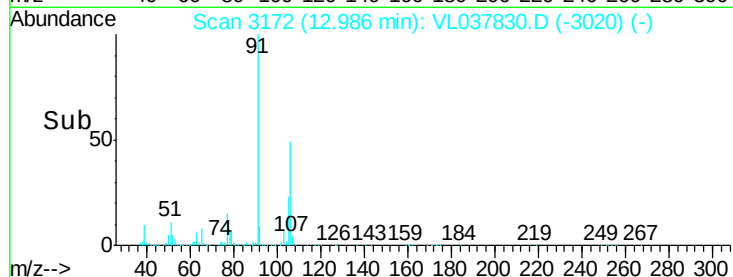
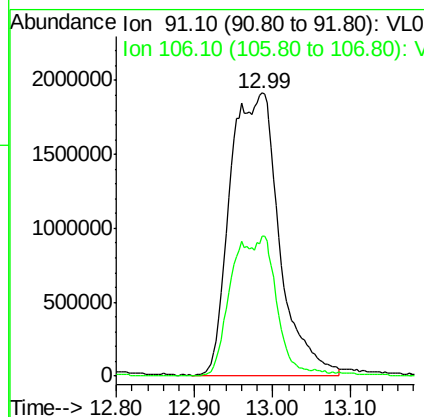
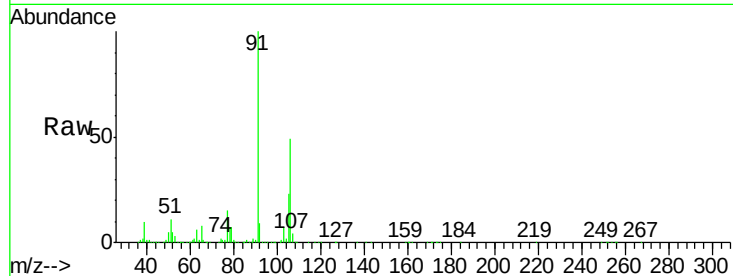


#59
m/p-Xylene
Concen: 19.839 ppbv m
RT: 12.99
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 12 Oct 2021 14:22

Tot Ion:
Ion Ratio
91 100
106 46.

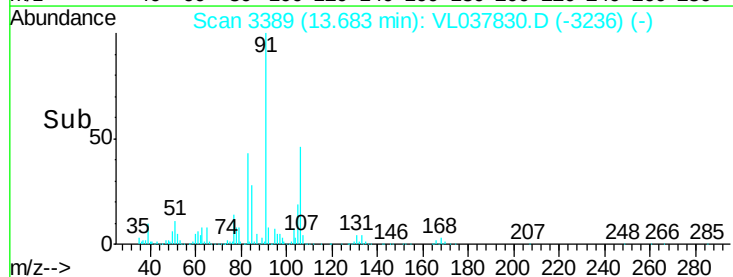
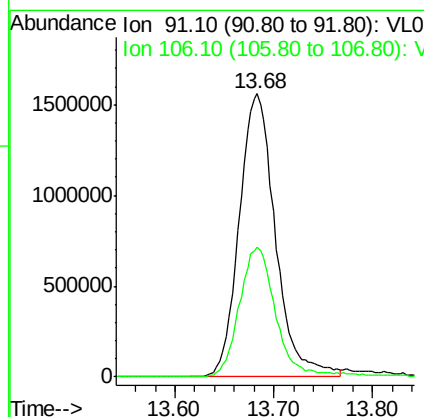
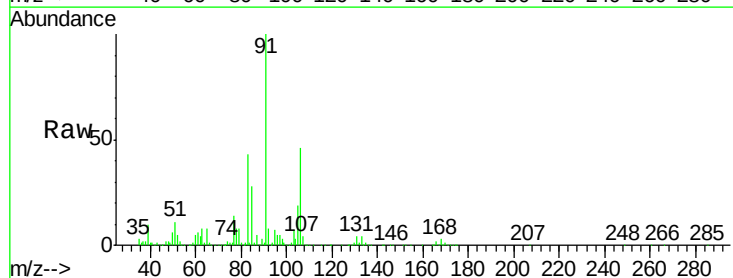
Manual Integrations
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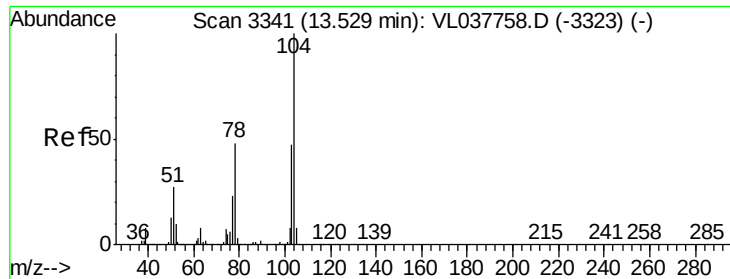
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#60
o-Xylene
Concen: 9.761 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL037830.D
Acq: 12 Oct 2021 14:22

Tgt Ion: 91 Resp: 3964857
Ion Ratio Lower Upper
91 100
106 46.2 23.5 70.5



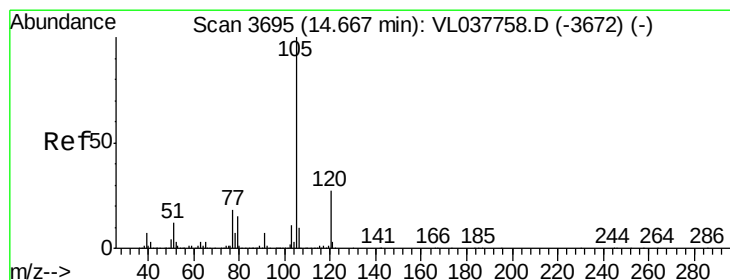
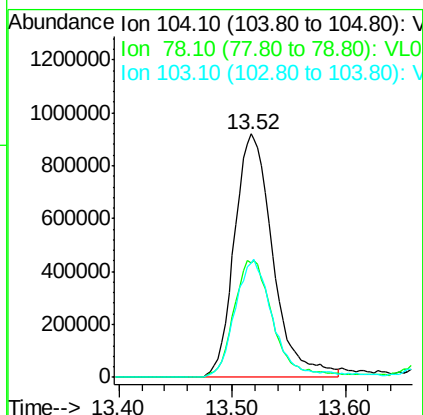
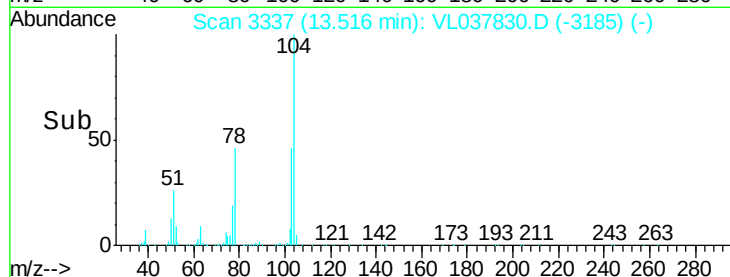
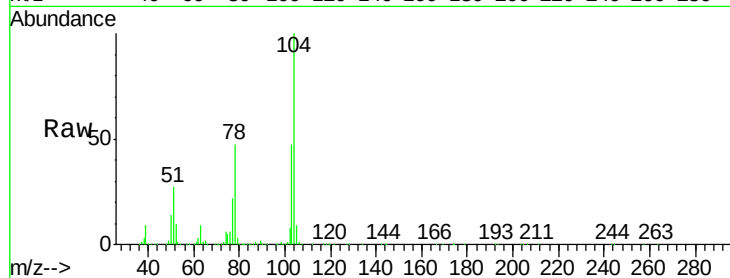


#61
Stvrene
Concen: 11.078 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL1012ABS01
Acq: 12 Oct 2021 14:22

Tot Ion:1
Ion Rati
104 100
78 50.
103 49.

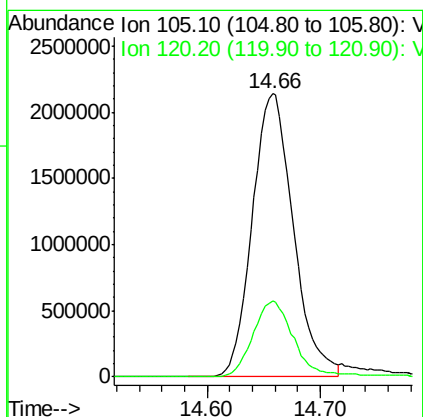
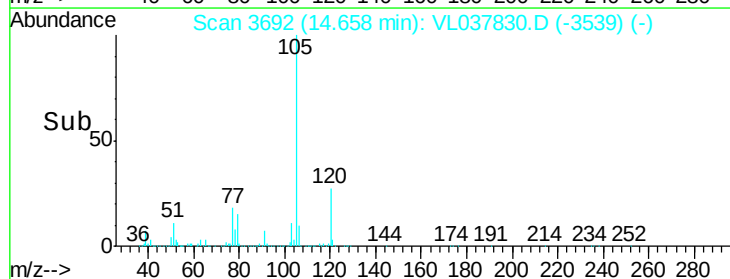
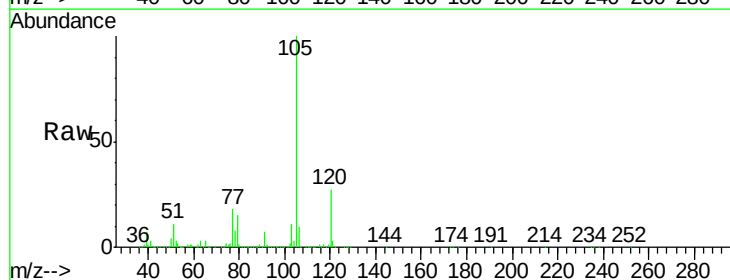
Manual Integrations
APPROVED

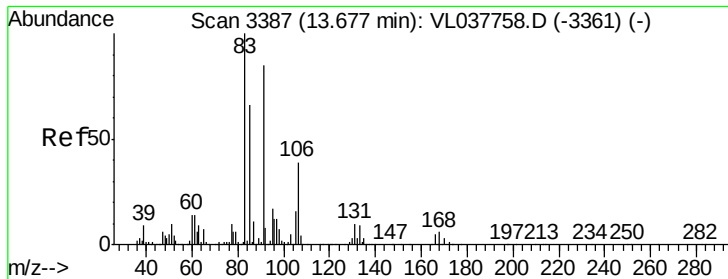
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#62
Isopropylbenzene
Concen: 9.525 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.01 min
Lab File: VL037830.D
Acq: 12 Oct 2021 14:22

Tgt Ion:105 Resp: 5396632
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9





#63

1,1,2,2-Tetrachloroethane

Concen: 9.008 ppbv

RT: 13.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 14:22

Tot Ion:

Ion Ratio

83 100

131 10.

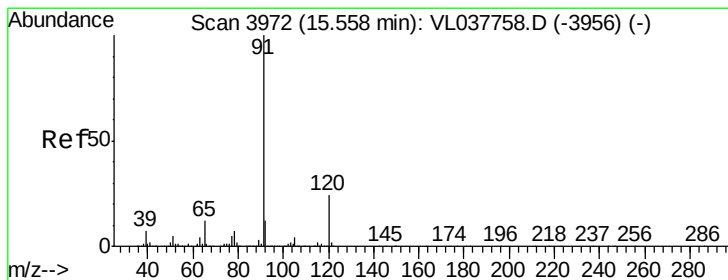
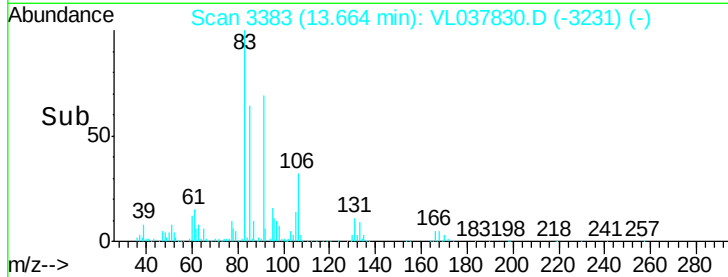
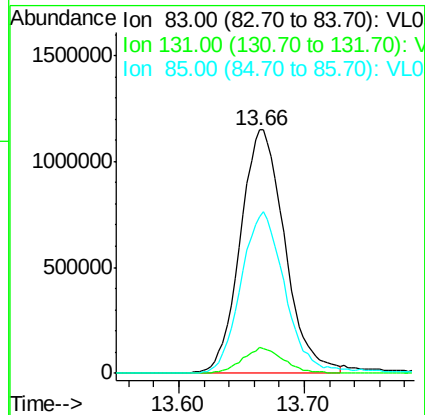
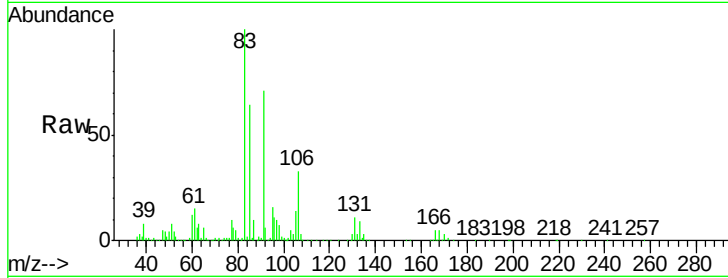
85 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#64

n-propylbenzene

Concen: 10.301 ppbv

RT: 15.55 min Scan# 3969

Delta R.T. -0.01 min

Lab File: VL037830.D

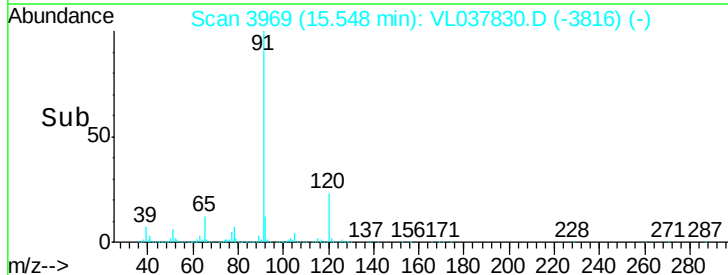
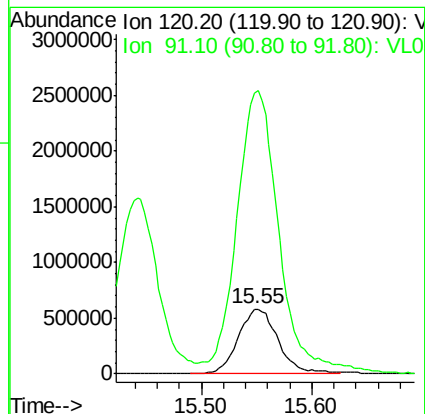
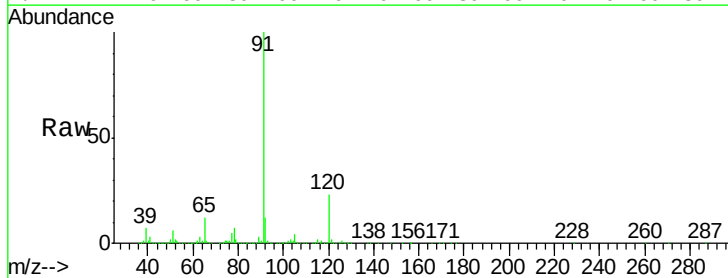
Acq: 12 Oct 2021 14:22

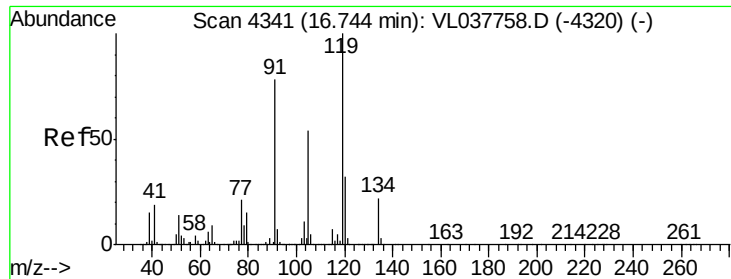
Tgt Ion:120 Resp: 1455331

Ion Ratio Lower Upper

120 100

91 466.7 375.0 562.6



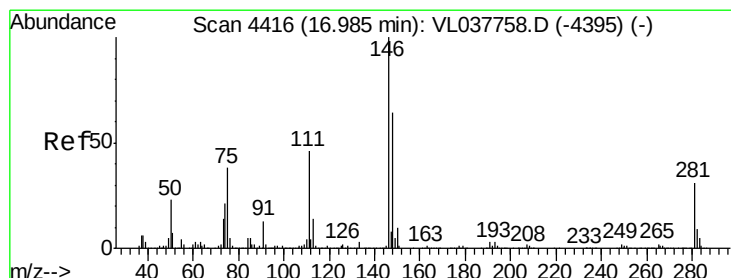
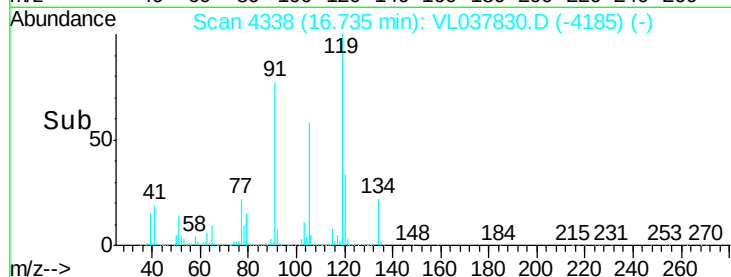
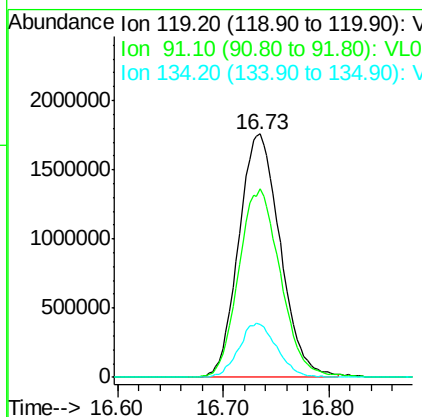
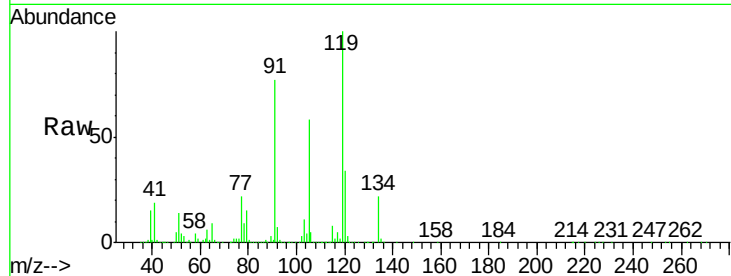


#65
 tert-Butylbenzene
 Concen: 9.644 ppbv
 RT: 16.73 min
 Delta R.T.: 0.01 min
 Lab File: VL1012ABS01
 Acq: 12 Oct 2021 14:22

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

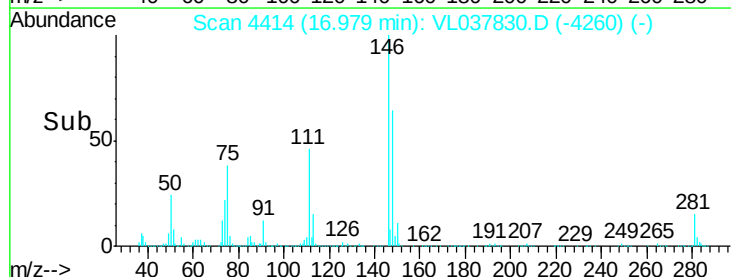
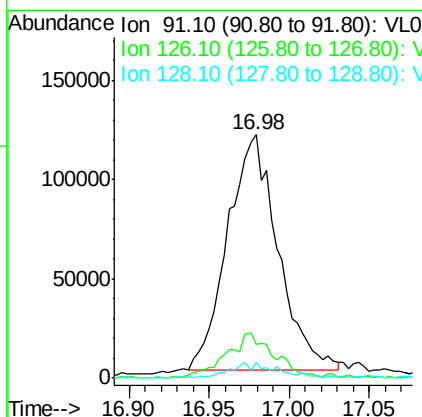
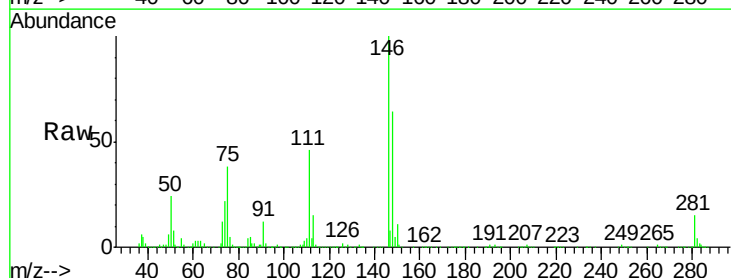
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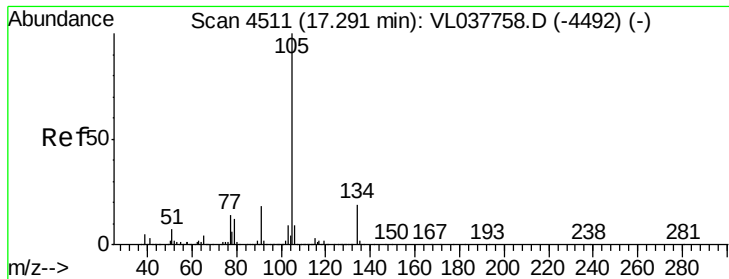
Reviewed By : Semsettin Yesilyurt 10/14/2021
 Supervised By : Mahesh Dadoda 10/15/2021



#66
 Benzyl Chloride
 Concen: 10.368 ppbv
 RT: 16.98 min Scan# 4414
 Delta R.T.: -0.01 min
 Lab File: VL037830.D
 Acq: 12 Oct 2021 14:22

Tgt Ion: 91 Resp: 255113
 Ion Ratio Lower Upper
 91 100
 126 19.4 0.0 0.0#
 128 7.4 5.3 7.9





#67

sec-Butylbenzene

Concen: 9.859 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 14:22

Tot Ion:1

Ion Rati

105 100

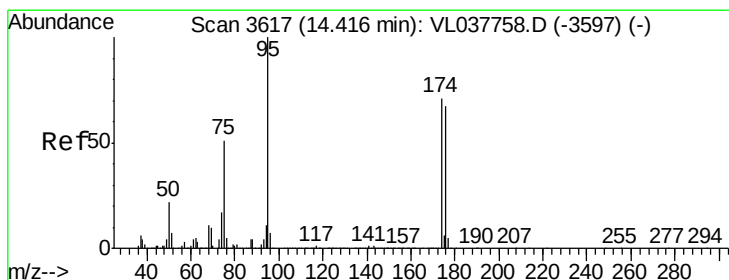
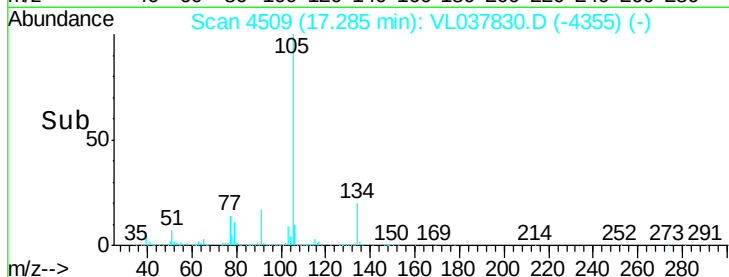
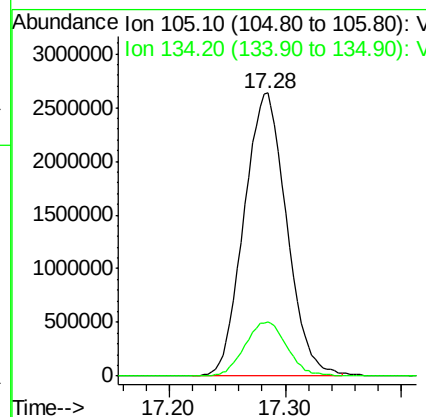
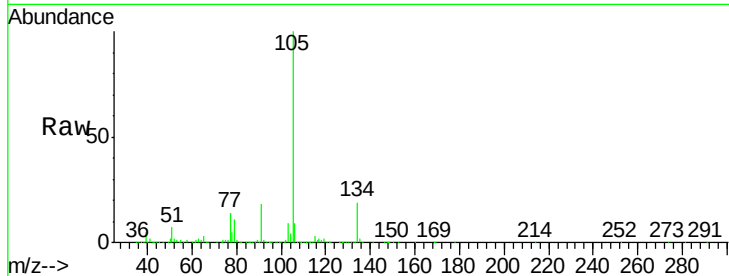
134 19.

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Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.361 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.01 min

Lab File: VL037830.D

Acq: 12 Oct 2021 14:22

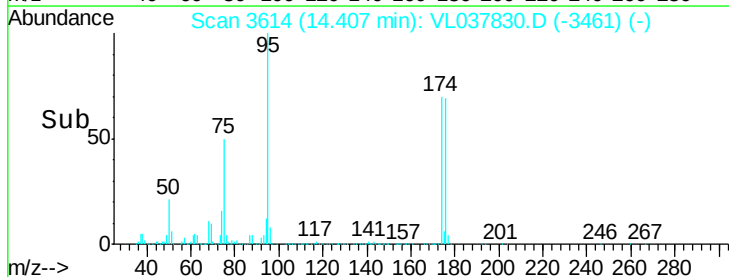
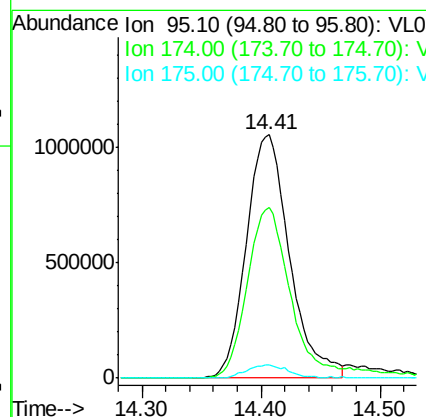
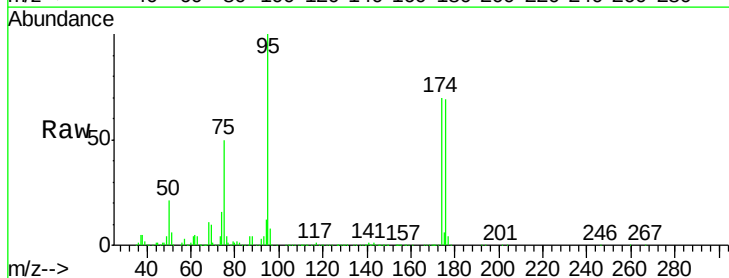
Tgt Ion: 95 Resp: 2664256

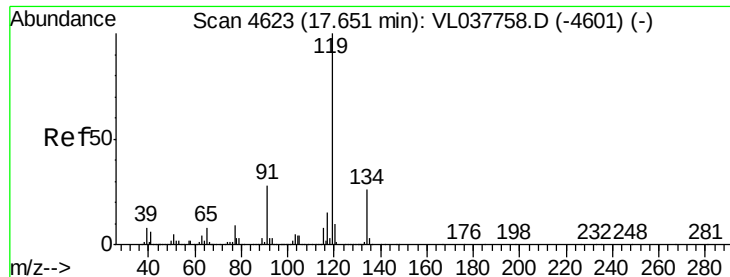
Ion Ratio Lower Upper

95 100

174 74.1 57.8 86.6

175 5.8 4.7 7.1



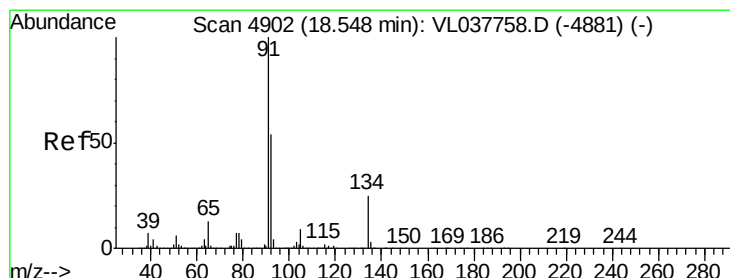
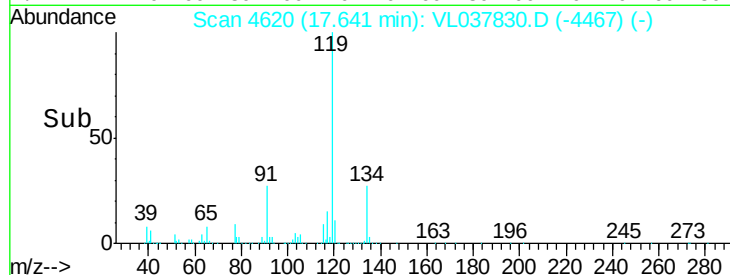
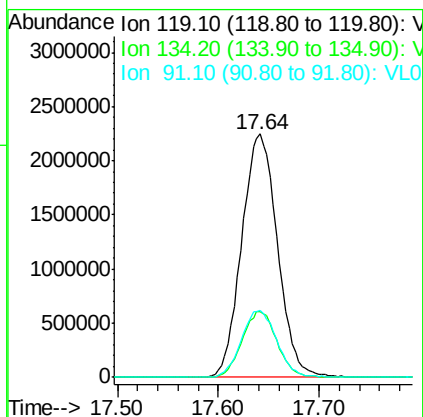
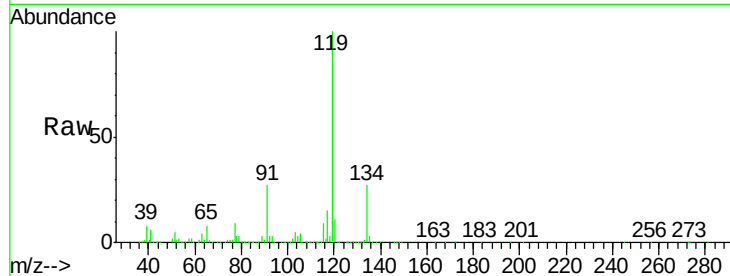


#69
 p-Isopropyltoluene
 Concen: 10.004 ppbv
 RT: 17.64 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VL1012ABS01
 Acq: 12 Oct 2021 14:22

Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 27.

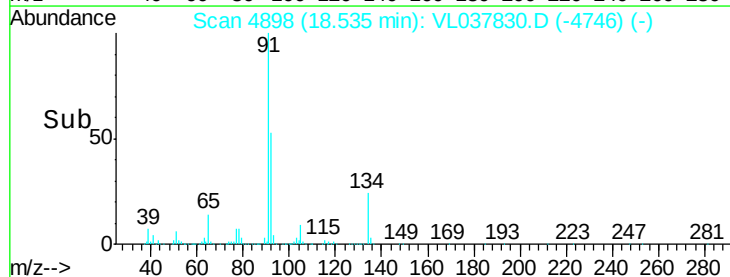
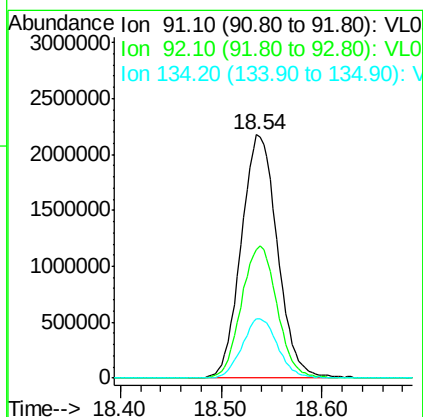
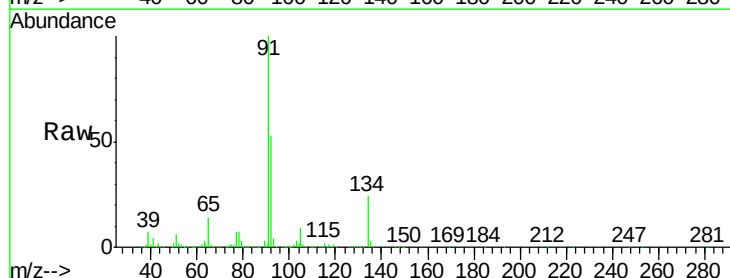
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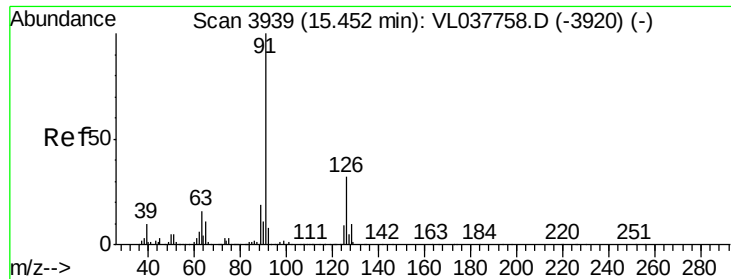
Reviewed By : Semsettin Yesilyurt 10/14/2021
 Supervised By : Mahesh Dadoda 10/15/2021



#70
 n-Butylbenzene
 Concen: 10.309 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T.: -0.01 min
 Lab File: VL037830.D
 Acq: 12 Oct 2021 14:22

Tgt Ion: 91 Resp: 5399130
 Ion Ratio Lower Upper
 91 100
 92 53.9 43.4 65.0
 134 24.2 19.8 29.6





#71

2-Chlorotoluene

Concen: 9.933 ppbv

RT: 15.44

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 14:22

Tot Ion:

Ion Ratio

91 100

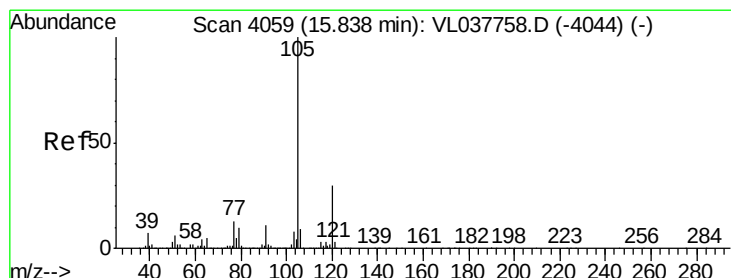
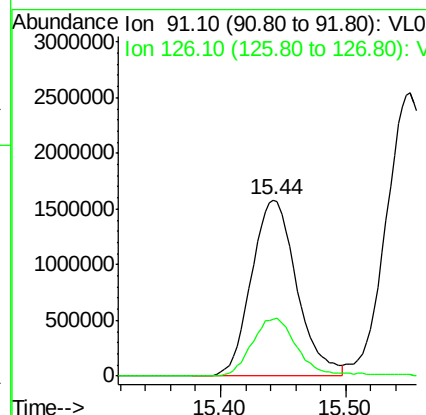
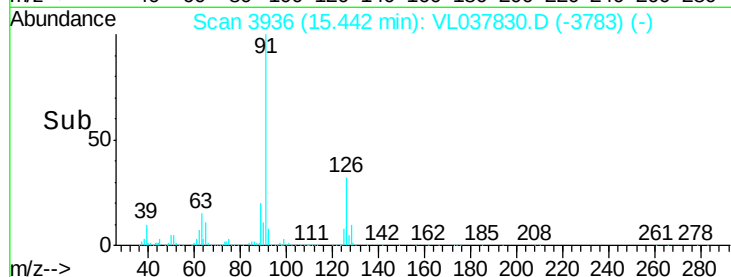
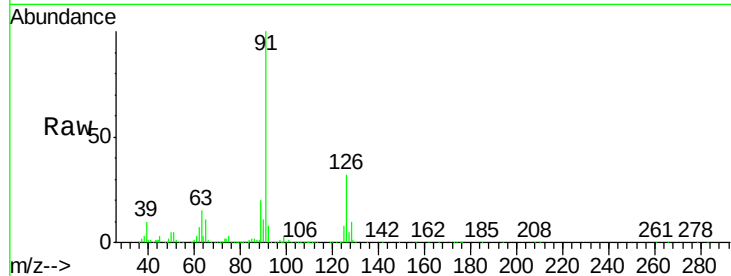
126 34.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#72

4-Ethyltoluene

Concen: 10.473 ppbv

RT: 15.82 min Scan# 4055

Delta R.T. -0.01 min

Lab File: VL037830.D

Acq: 12 Oct 2021 14:22

Tgt Ion:105 Resp: 4830243

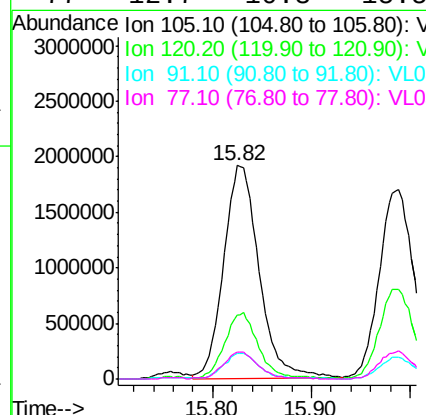
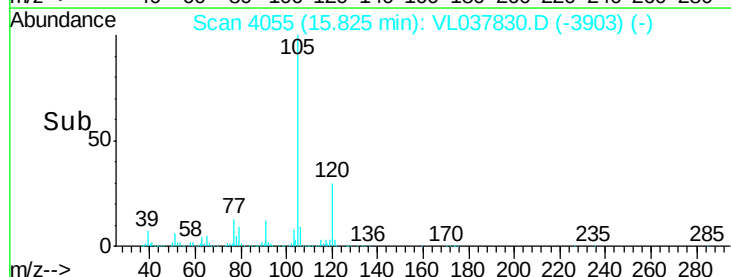
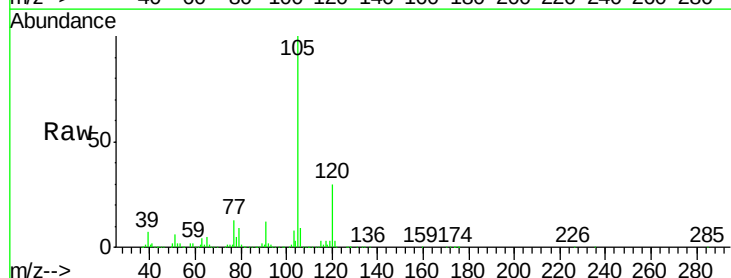
Ion Ratio Lower Upper

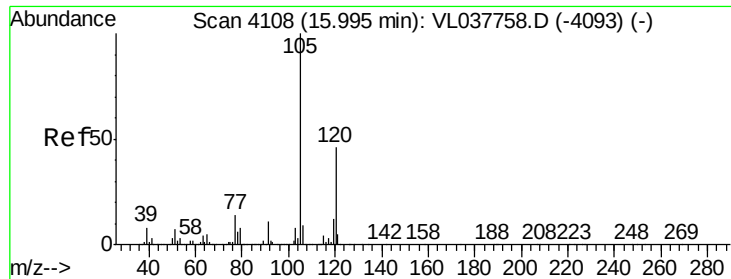
105 100

120 30.0 24.2 36.2

91 11.8 10.4 15.6

77 12.7 10.3 15.5





#73

1,3,5-Trimethylbenzene

Concen: 10.167 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 14:22

Tot Ion:1

Ion Ratio

105 100

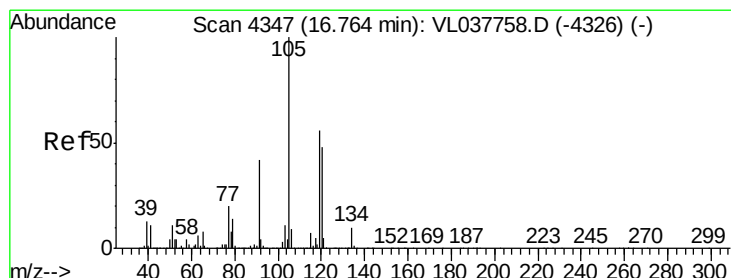
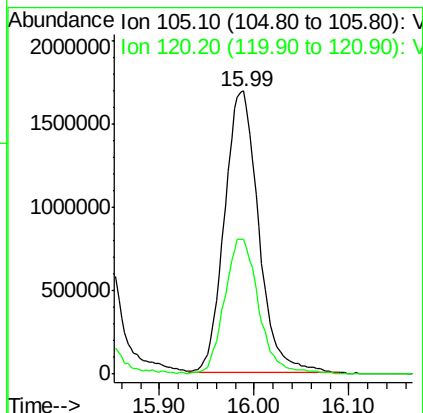
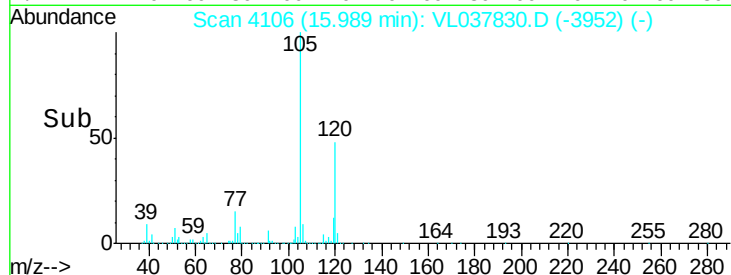
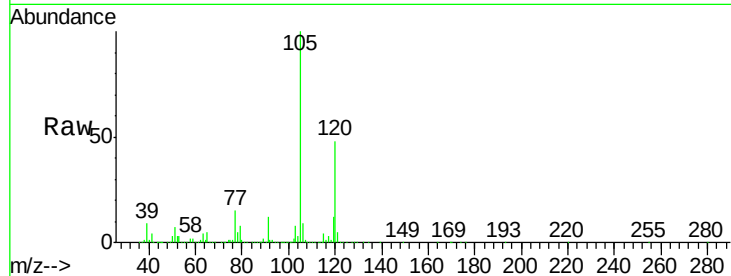
120 47.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#74

1,2,4-Trimethylbenzene

Concen: 10.014 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL037830.D

Acq: 12 Oct 2021 14:22

Tgt Ion:105 Resp: 4405752

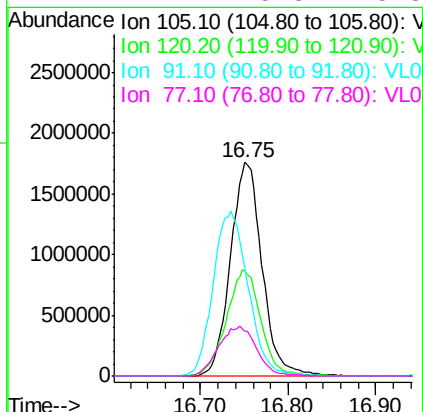
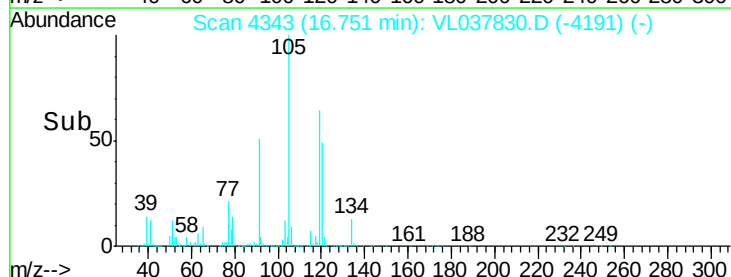
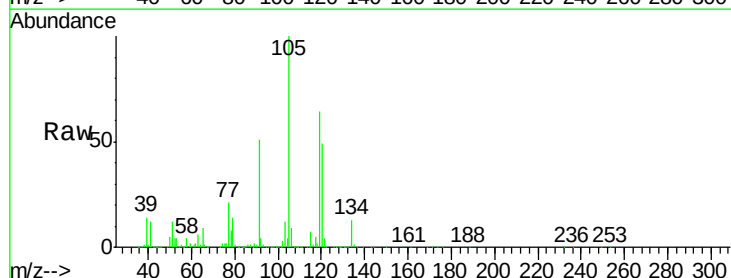
Ion Ratio Lower Upper

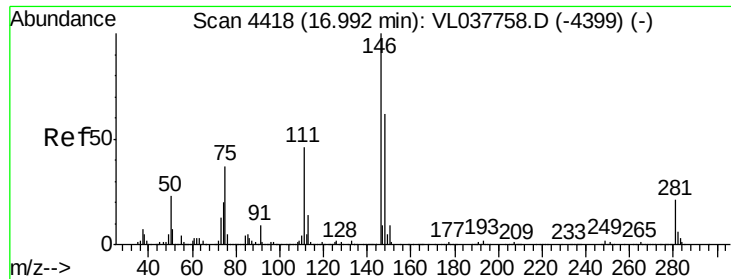
105 100

120 49.1 38.4 57.6

91 50.5 34.2 51.2

77 21.2 15.8 23.8



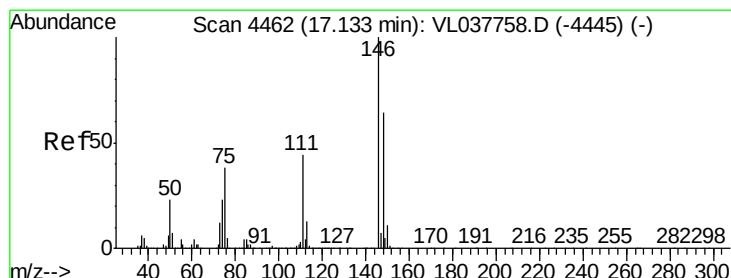
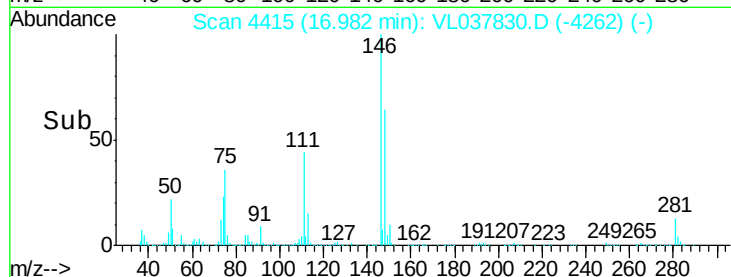
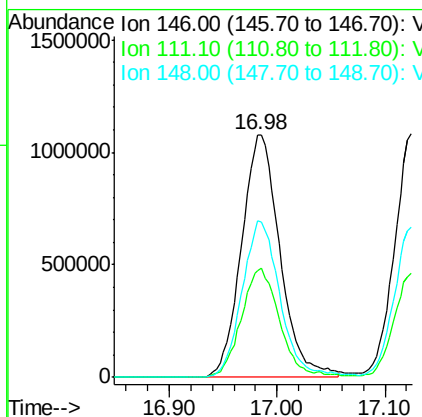
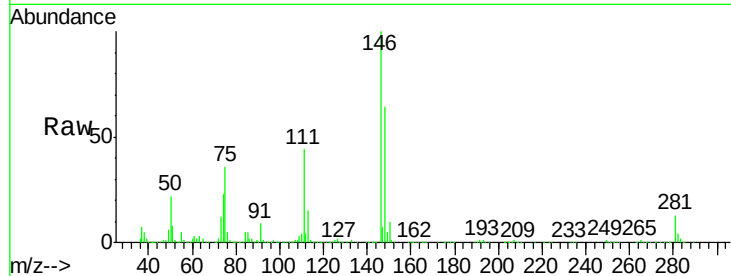


#75
 1,3-Dichlorobenzene
 Concen: 9.796 ppbv
 RT: 16.98
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1012ABS01
 Acq: 12 Oct 2021 14:22

Tot Ion:1
 Ion Rati
 146 100
 111 45.
 148 64.

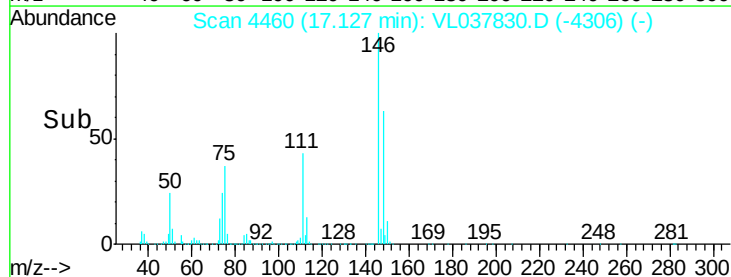
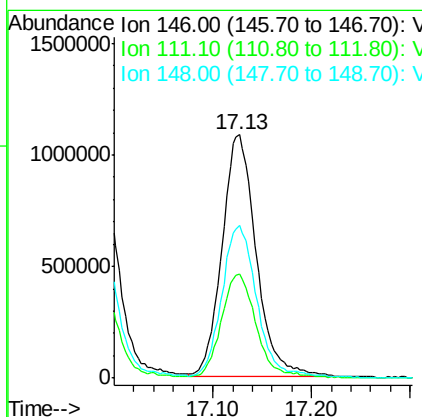
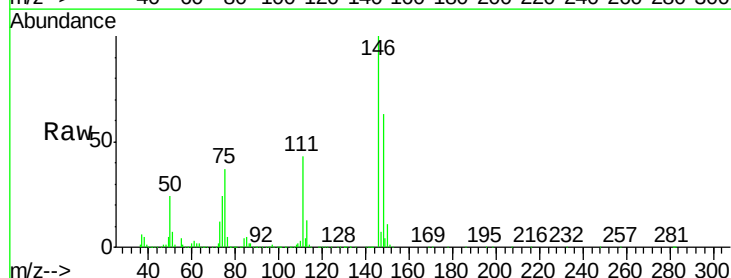
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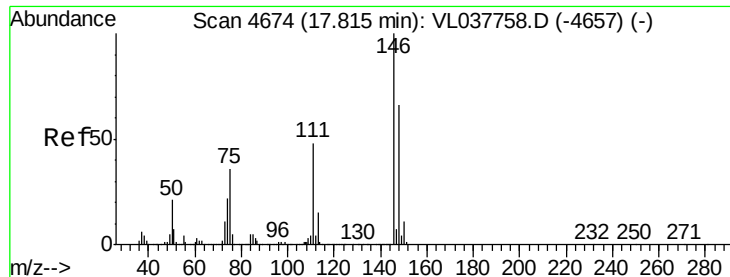
Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#76
 1,4-Dichlorobenzene
 Concen: 10.073 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T. -0.01 min
 Lab File: VL037830.D
 Acq: 12 Oct 2021 14:22

Tgt Ion:146 Resp: 2618996
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.4 67.3
 148 65.1 33.3 99.9



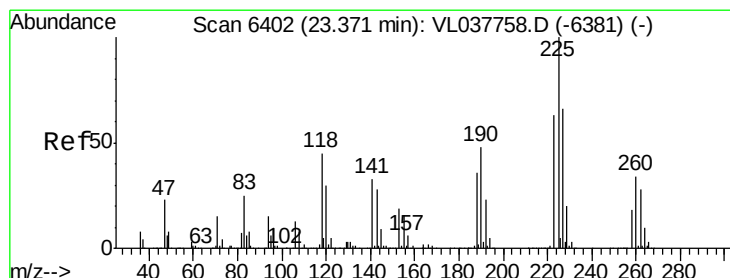
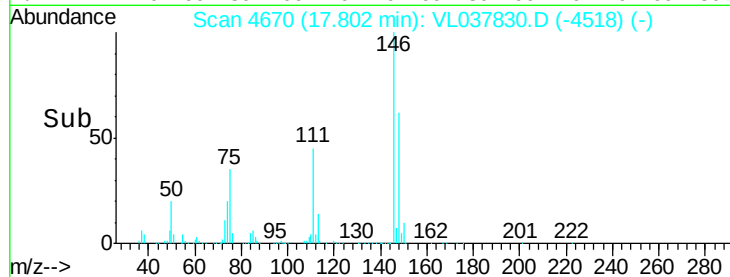
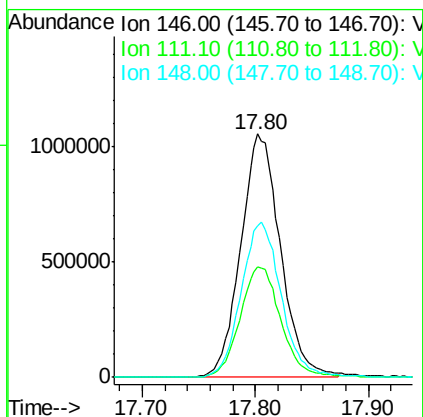
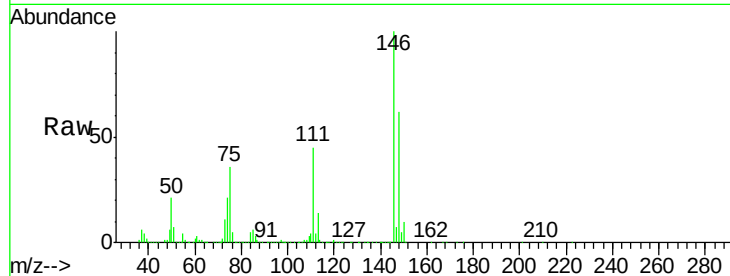


#77
 1,2-Dichlorobenzene
 Concen: 9.797 ppbv
 RT: 17.80 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VL1012ABS01
 Acq: 12 Oct 2021 14:22

Tot Ion:1
 Ion Rati
 146 100
 111 47.
 148 64.

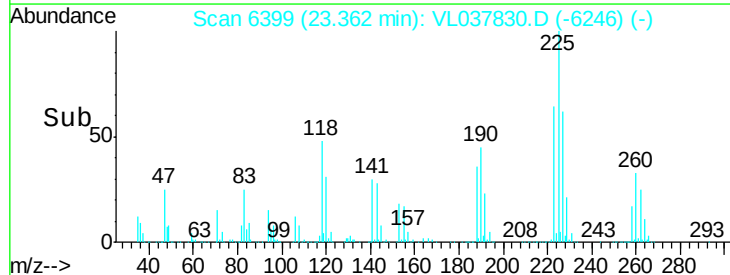
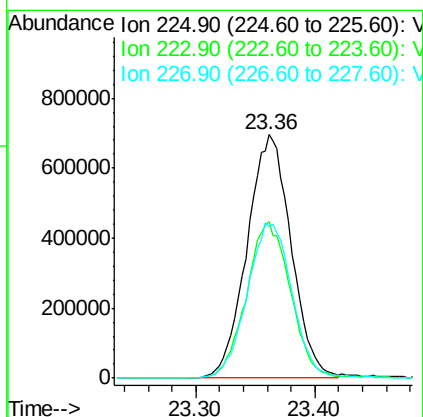
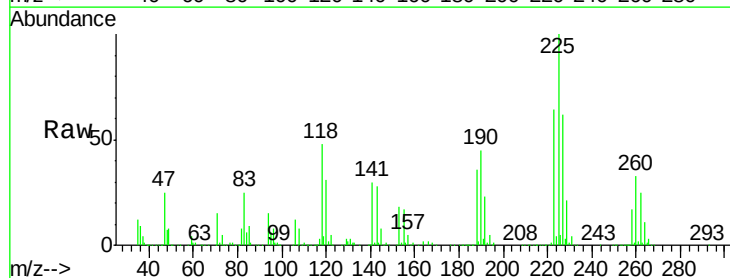
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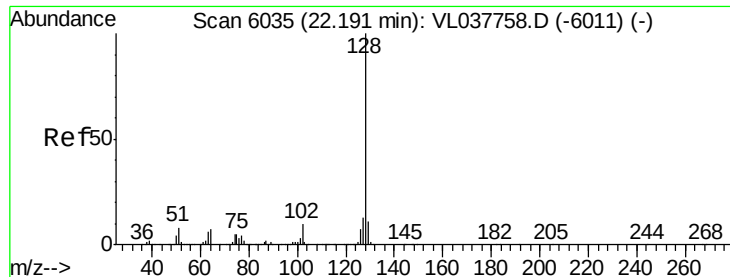
Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.320 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T.: -0.01 min
 Lab File: VL037830.D
 Acq: 12 Oct 2021 14:22

Tgt Ion:225 Resp: 1778724
 Ion Ratio Lower Upper
 225 100
 223 64.3 51.2 76.8
 227 65.3 51.1 76.7



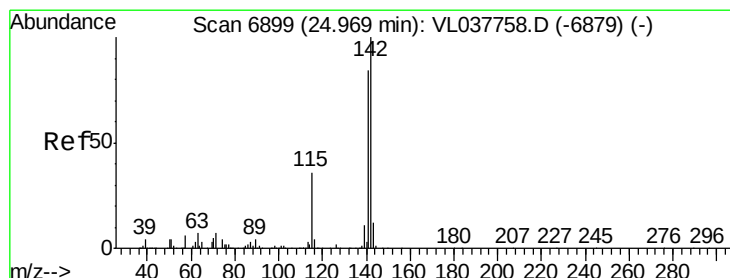
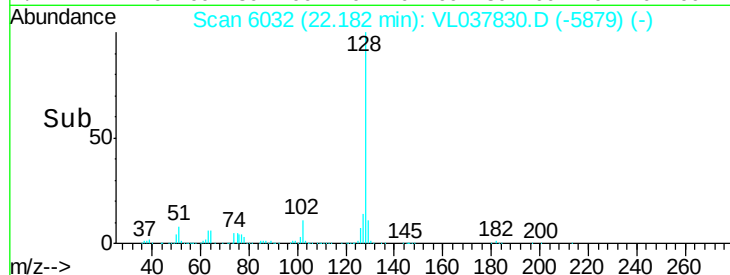
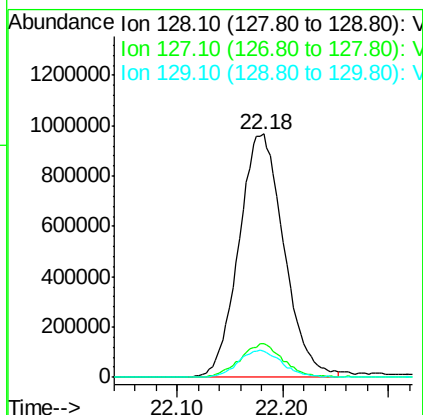
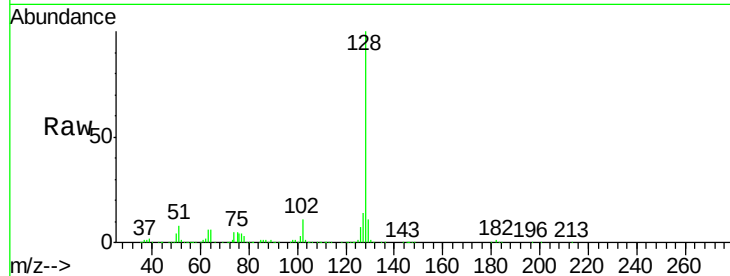


#79
Naphthalene
Concen: 10.645 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1012ABS01
Acq: 12 Oct 2021 14:22

Tot Ion:1
Ion Rati
128 100
127 13.
129 10.

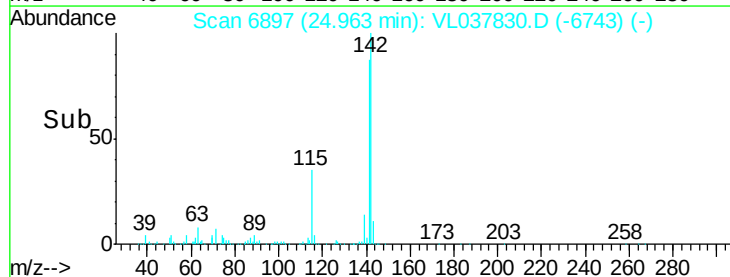
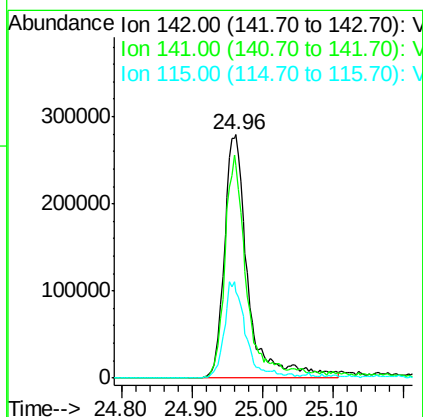
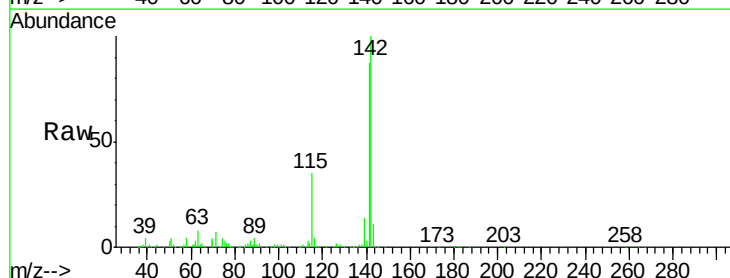
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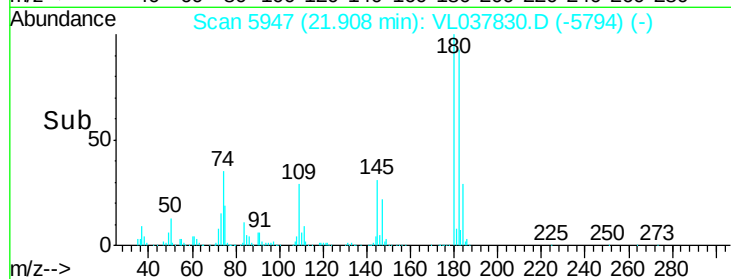
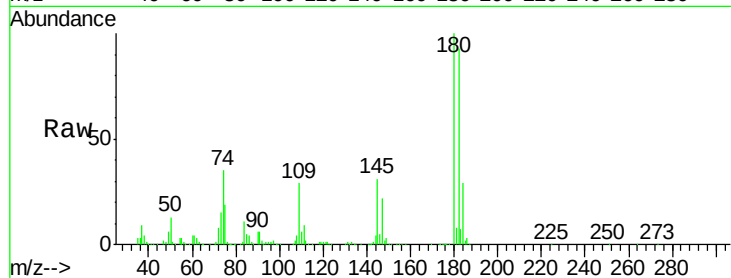
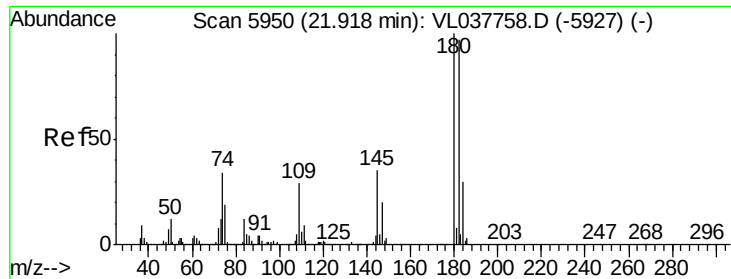
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#80
Naphthalene, 2-methyl-
Concen: 9.039 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. -0.01 min
Lab File: VL037830.D
Acq: 12 Oct 2021 14:22

Tgt Ion:142 Resp: 653951
Ion Ratio Lower Upper
142 100
141 86.2 68.6 102.8
115 37.3 29.0 43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.068 ppbv
 RT: 21.91
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 12 Oct 2021 14:22

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

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021

