

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
 Data File : VL037828.D
 Acq On : 12 Oct 2021 11:56
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Quant Time: Oct 14 01:10:52 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

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1409843	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4203371	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3562302m	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2678192	10.75	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	1780159	7.905 ppbv	99
3) Chlorodifluoromethane	2.98	51	2471195	9.122 ppbv	99
4) Chloromethane	3.13	50	927276	9.346 ppbv	98
5) Vinyl Chloride	3.25	62	929425	10.219 ppbv	96
6) Bromomethane	3.47	94	480963	9.776 ppbv	99
7) Chloroethane	3.55	64	330005	9.868 ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	2132477	9.581 ppbv	99
9) Propene	3.01	41	881447	8.843 ppbv	100
10) Heptane	8.11	43	2226411	9.835 ppbv	99
11) Trichlorofluoromethane	3.94	101	1910232	9.508 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1452417	9.541 ppbv	98
13) Ethanol	3.60	45	81743	10.028 ppbv	92
14) Bromoethene	3.73	108	654095	9.772 ppbv	96
15) Acetone	3.84	43	1094757	8.650 ppbv	99
16) 1,3-Butadiene	3.32	39	924861	10.044 ppbv	98
17) tert-Butyl alcohol	4.28	59	1196287	9.178 ppbv	99
18) 1,1-Dichloroethene	4.28	96	656776	9.493 ppbv	99
19) Isopropyl Alcohol	3.96	45	709299	9.008 ppbv	# 95
20) Methylene Chloride	4.34	84	557894	8.724 ppbv	97
21) Allyl Chloride	4.40	41	1043633	9.308 ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	679892	9.775 ppbv	98
23) Vinyl Acetate	5.06	43	1984549	10.463 ppbv	97
24) 1,1-Dichloroethane	5.00	63	1349887	9.777 ppbv	98
25) Ethyl Acetate	5.67	43	3498037	9.850 ppbv	99
26) Hexane	5.68	57	1628945	9.315 ppbv	97
27) Carbon Disulfide	4.54	76	1656014	10.685 ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1447058	9.939 ppbv	98
29) Chloroform	5.74	83	2362225	9.450 ppbv	97
30) Cyclohexane	7.12	84	1383789	9.331 ppbv	100
31) cis-1,2-Dichloroethene	5.54	61	1540119	9.701 ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	2284354	9.639 ppbv	100
34) 2-Butanone	5.23	43	1566853	9.233 ppbv	99
35) Carbon Tetrachloride	7.01	117	2381818	9.977 ppbv	99
36) Benzene	6.88	78	3402114	9.476 ppbv	99
37) 1,2-Dichloroethane	6.30	62	1643898	9.724 ppbv	99
38) Trichloroethene	7.82	130	1356177	9.561 ppbv	99
39) 1,2-Dichloropropane	7.60	63	1315207	9.739 ppbv	96
40) 1,4-Dioxane	7.82	88	333575m	9.871 ppbv	
41) Tetrahydrofuran	6.04	42	818298	9.848 ppbv	98
42) Bromodichloromethane	7.78	83	2498309	10.061 ppbv	98
43) Methyl Methacrylate	8.00	69	1233096	10.515 ppbv	97

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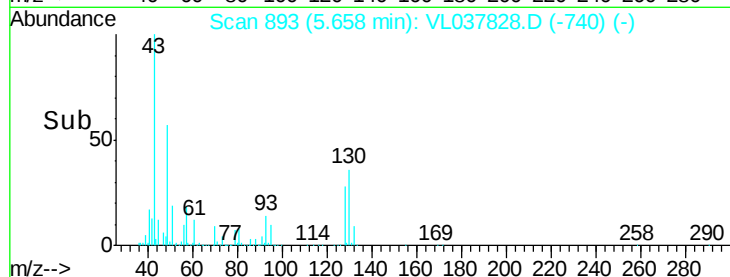
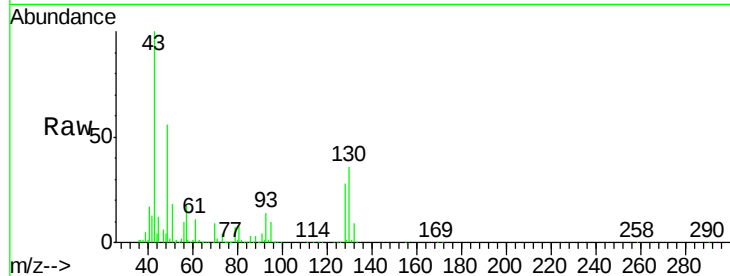
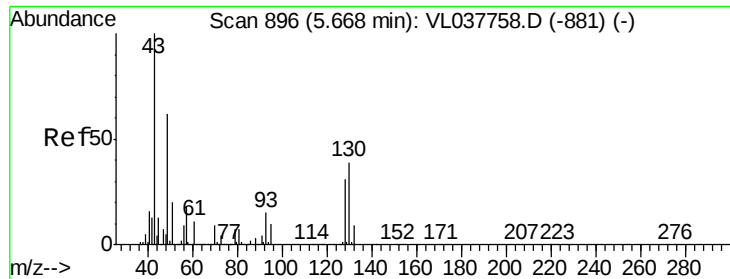
Manual Integrations
 APPROVED

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

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 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5691965	9.436	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	948177	11.751	ppbv	100
46) cis-1,3-Dichloropropene	8.69	75	1255952	11.230	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	1405072	9.571	ppbv	99
48) Dibromochloromethane	10.29	129	2166009	10.350	ppbv	99
49) Bromoform	13.03	173	1754571	10.957	ppbv	97
50) 4-Methyl-2-Pentanone	8.73	43	2273606	10.292	ppbv	100
51) 2-Hexanone	10.12	43	1004505	10.186	ppbv #	96
52) Tetrachloroethene	11.21	164	1237526	8.860	ppbv	98
53) Toluene	9.79	91	3962824	9.960	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1922537	9.695	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	1524544	10.338	ppbv	98
57) Chlorobenzene	12.13	112	2919088	9.989	ppbv	99
58) Ethyl Benzene	12.70	91	5076044	10.612	ppbv	99
59) m/p-Xylene	12.98	91	8463692m	20.613	ppbv	
60) o-Xylene	13.68	91	3931344	9.991	ppbv	99
61) Styrene	13.51	104	2210598	11.614	ppbv	99
62) Isopropylbenzene	14.65	105	5567814	10.144	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	2891542	9.522	ppbv	99
64) n-propylbenzene	15.55	120	1478056	10.799	ppbv	97
65) tert-Butylbenzene	16.73	119	4886185	10.116	ppbv	99
66) Benzyl Chloride	16.98	91	263748	11.065	ppbv #	98
67) sec-Butylbenzene	17.28	105	6765817	10.242	ppbv	100
69) p-Isopropyltoluene	17.64	119	5567447	10.425	ppbv	100
70) n-Butylbenzene	18.54	91	5394839	10.633	ppbv	99
71) 2-Chlorotoluene	15.44	91	4034072	10.408	ppbv	100
72) 4-Ethyltoluene	15.82	105	4699418	10.518	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	4258324	10.492	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	4391391	10.304	ppbv	97
75) 1,3-Dichlorobenzene	16.98	146	2633614	9.974	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	2534690	10.063	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	2582101	10.180	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1785766	8.622	ppbv	99
79) Naphthalene	22.18	128	2888113	11.065	ppbv	99
80) Naphthalene, 2-methyl-	24.95	142	671737	9.584	ppbv	99
81) 1,2,4-Trichlorobenzene	21.90	180	1729508	10.360	ppbv	98

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

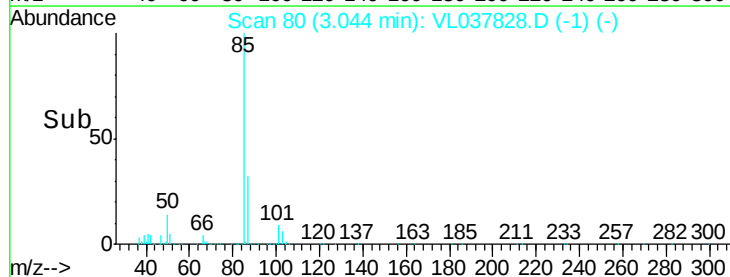
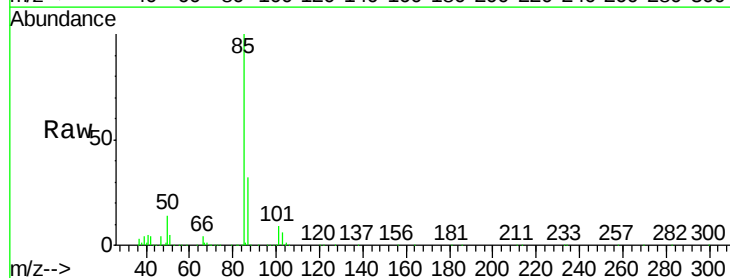
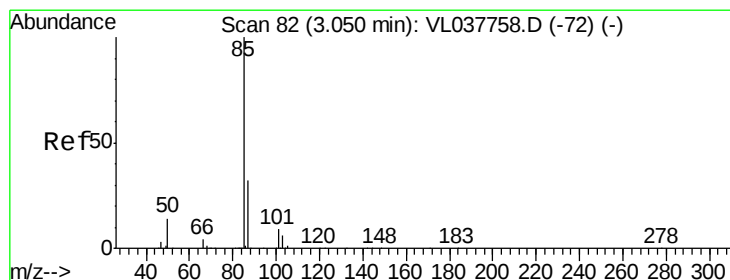
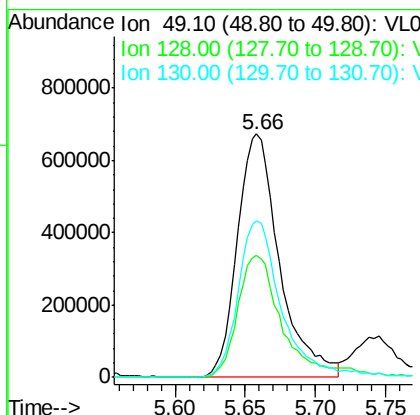


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:50

Tot Ion:
 Ion Ratio
 49 100
 128 54.
 130 67.

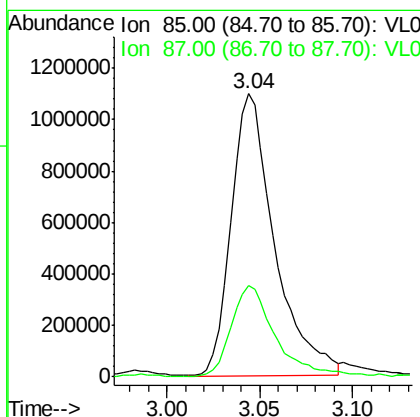
Manual Integrations
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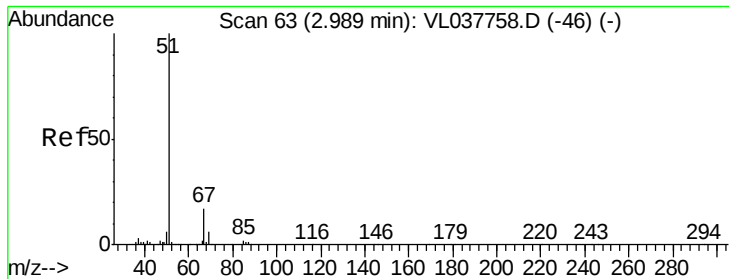
Reviewed By :Semsettin Yesilyurt 10/15/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#2
 Dichlorodifluoromethane
 Concen: 7.905 ppbv
 RT: 3.04 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion: 85 Resp: 1780159
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.7 38.5





#3

Chlorodifluoromethane

Concen: 9.122 ppbv

RT: 2.98 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 11:56 VSTDCCC010

Tot Ion:

Ion Ratio

51 100

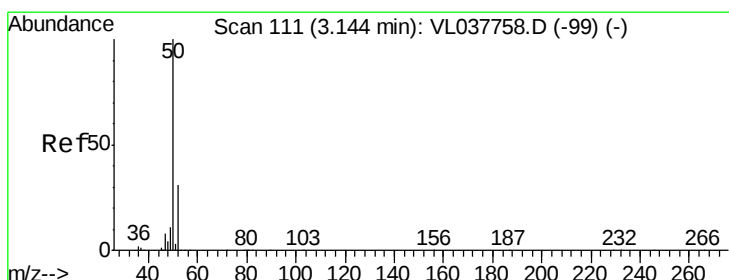
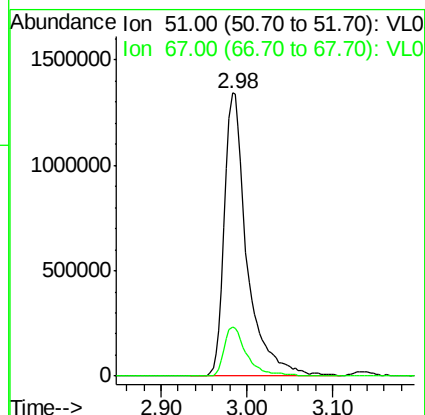
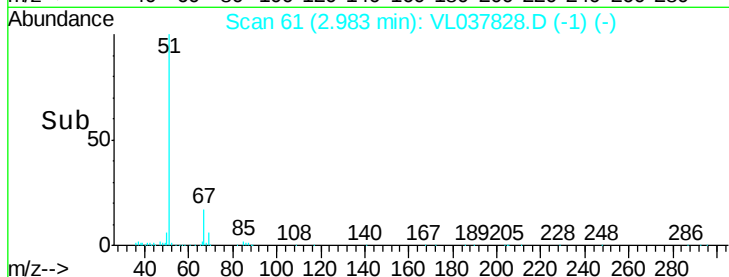
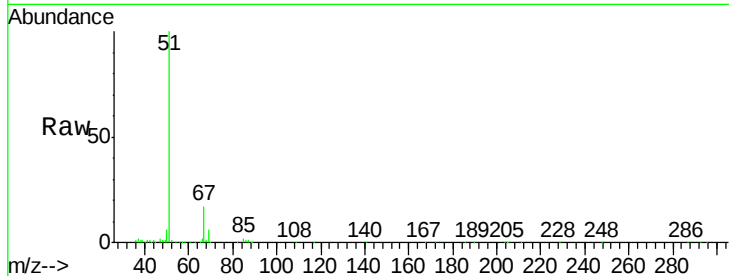
67 17.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2021

Supervised By :Mahesh Dadoda 10/15/2021



#4

Chloromethane

Concen: 9.346 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL037828.D

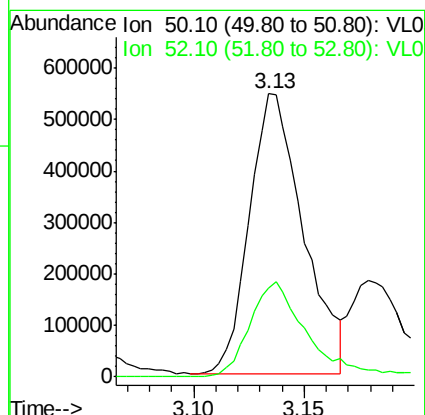
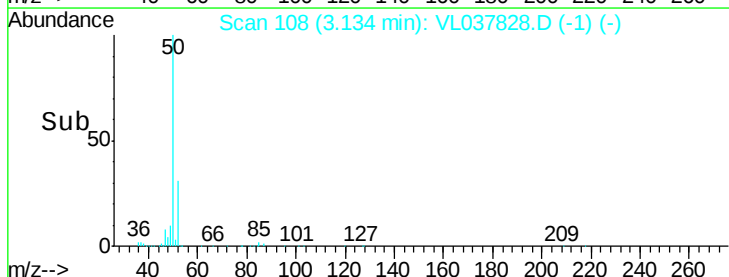
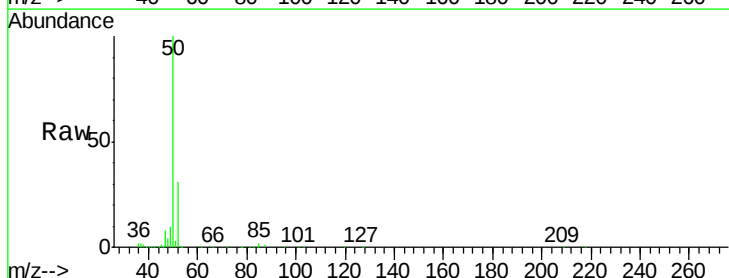
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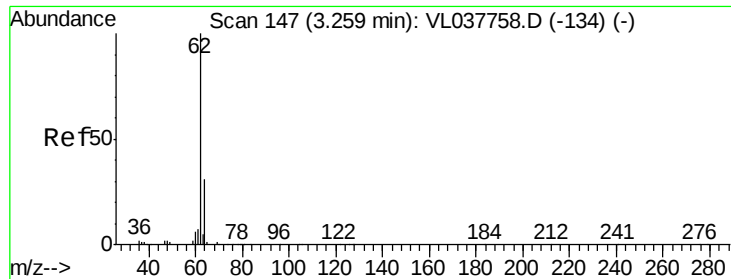
Tgt Ion: 50 Resp: 927276

Ion Ratio Lower Upper

50 100

52 31.3 24.4 36.6





#5

Vinyl Chloride

Concen: 10.219 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 12 Oct 2021 11:58

Tot Ion:

Ion Ratio

62 100

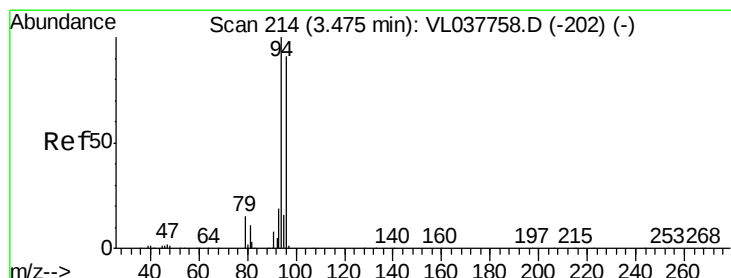
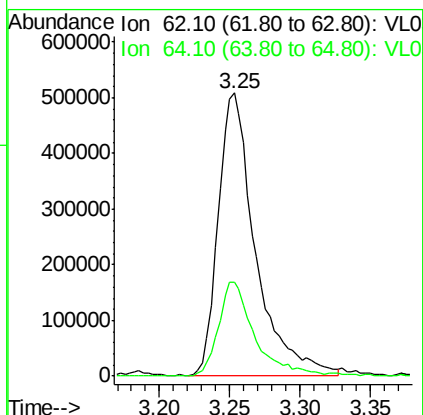
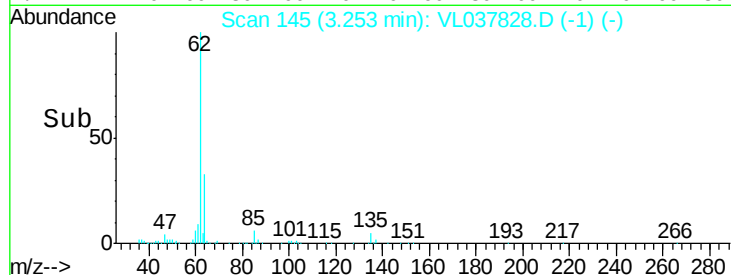
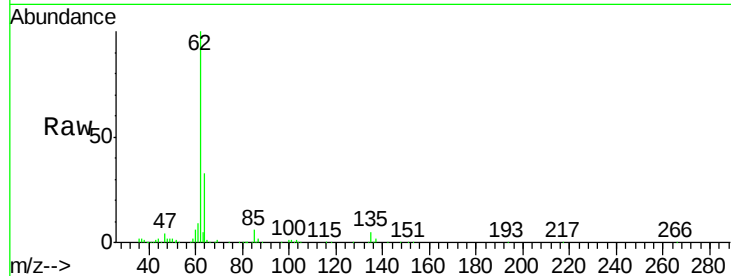
64 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2021

Supervised By :Mahesh Dadoda 10/15/2021



#6

Bromomethane

Concen: 9.776 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.01 min

Lab File: VL037828.D

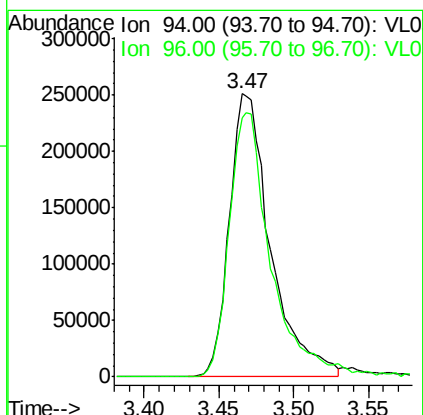
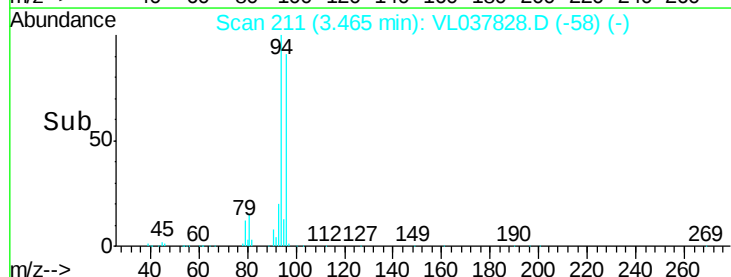
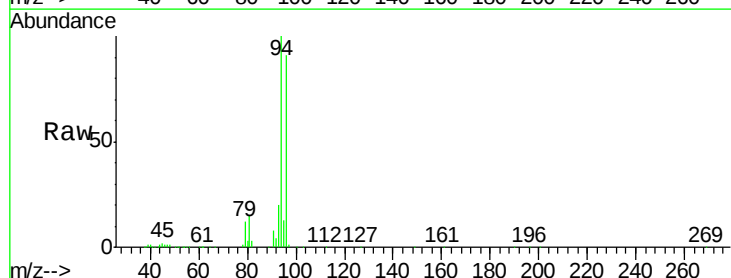
Acq: 12 Oct 2021 11:56

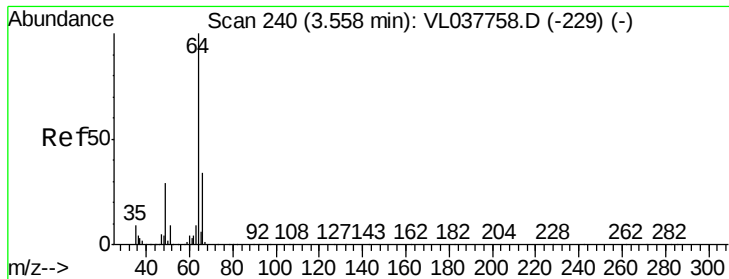
Tgt Ion: 94 Resp: 480963

Ion Ratio Lower Upper

94 100

96 91.4 72.5 108.7





#7

Chloroethane

Concen: 9.868 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 12 Oct 2021 11:56 VSTDCCC010

Tot Ion:

Ion Ratio

64 100

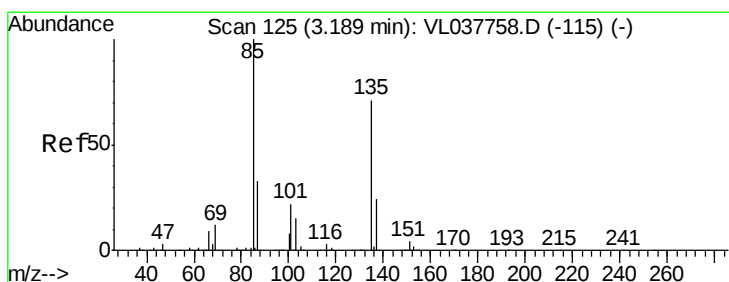
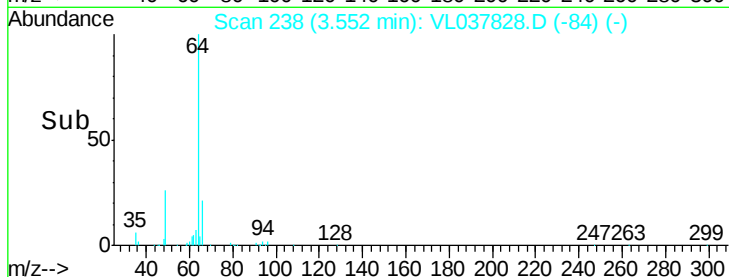
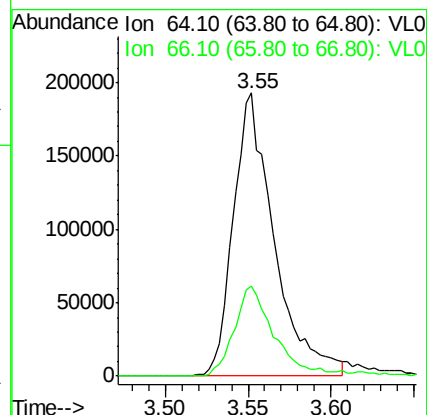
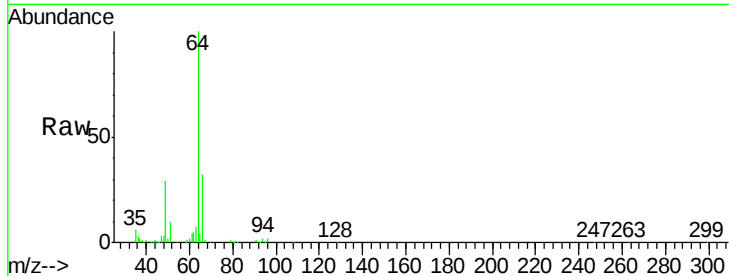
66 31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2021

Supervised By :Mahesh Dadoda 10/15/2021



#8

Dichlorotetrafluoroethane

Concen: 9.581 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.01 min

Lab File: VL037828.D

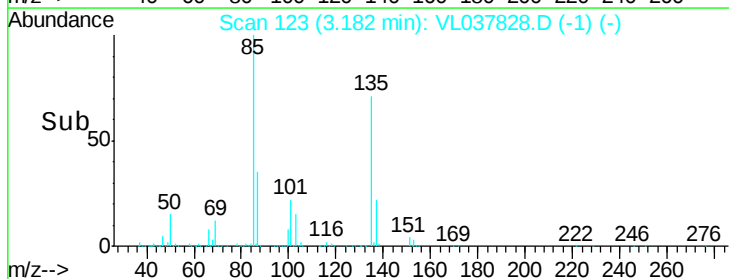
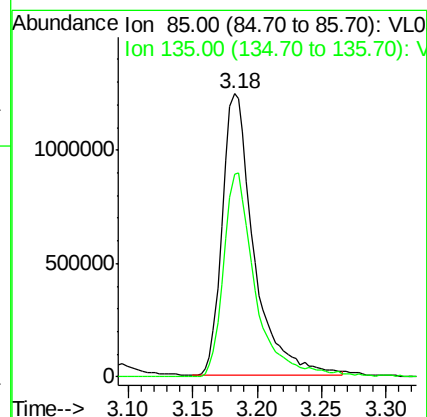
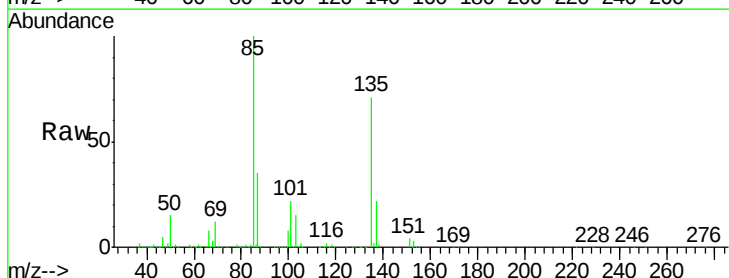
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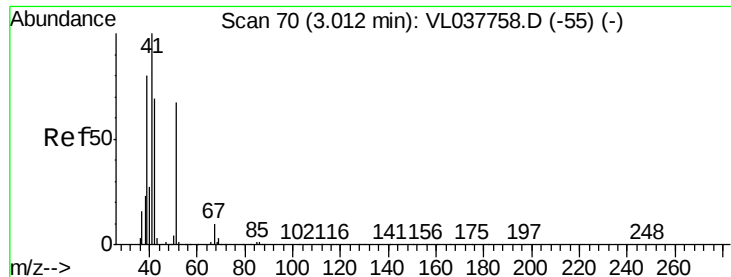
Tgt Ion: 85 Resp: 2132477

Ion Ratio Lower Upper

85 100

135 73.5 59.5 89.3



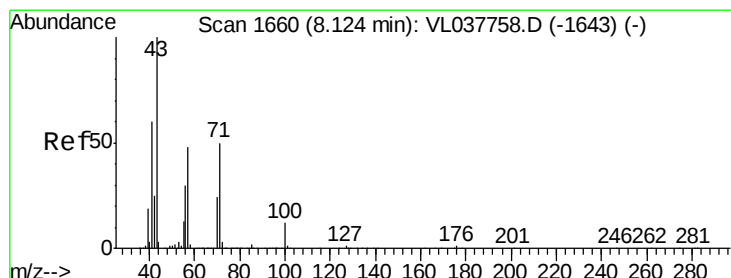
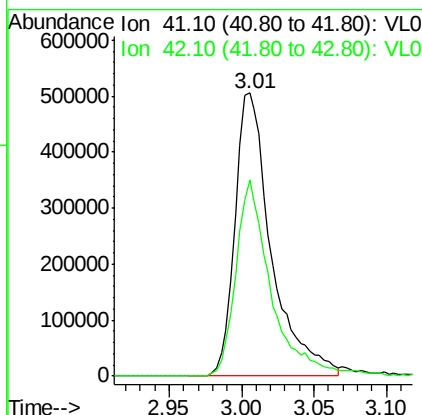
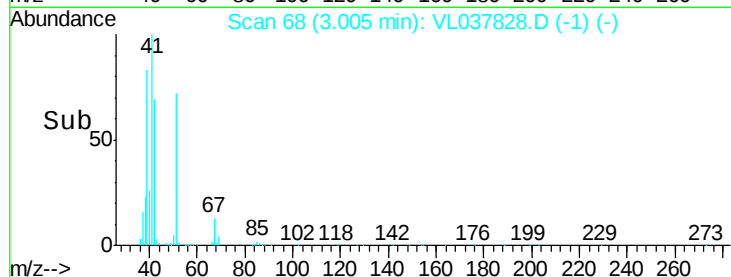
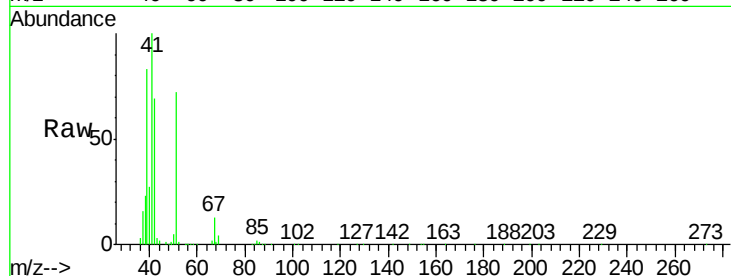


#9
Propene
Concen: 8.843 ppbv
RT: 3.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 11:56

Tot Ion:
Ion Ratio
41 100
42 67.

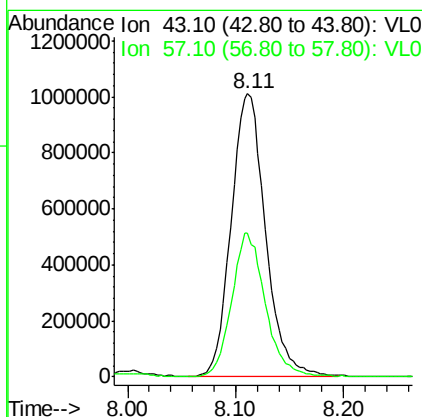
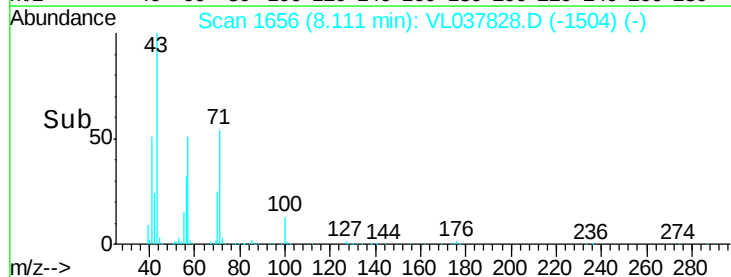
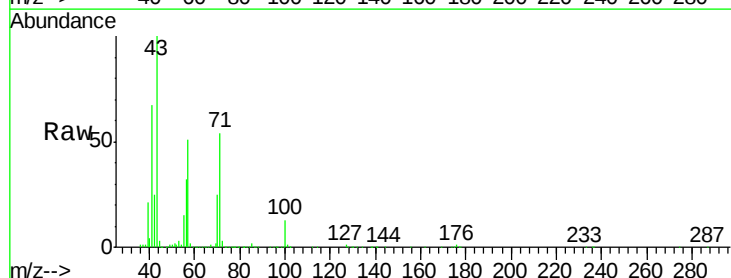
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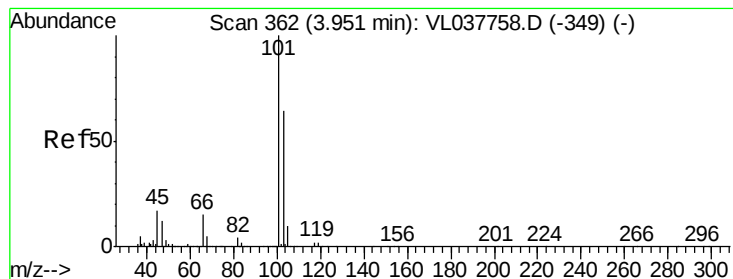
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021



#10
Heptane
Concen: 9.835 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 43 Resp: 2226411
Ion Ratio Lower Upper
43 100
57 50.4 40.0 60.0





#11

Trichlorofluoromethane

Concen: 9.508 ppbv

RT: 3.94 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 12 Oct 2021 11:56

Tot Ion:1

Ion Ratio

101 100

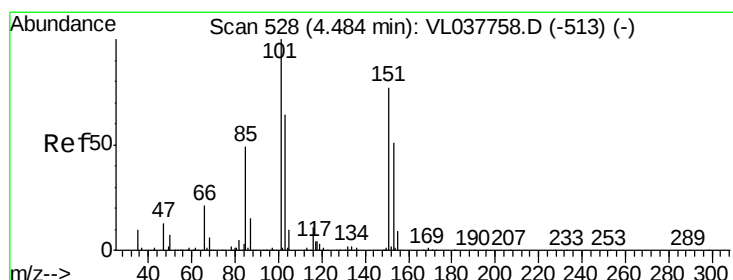
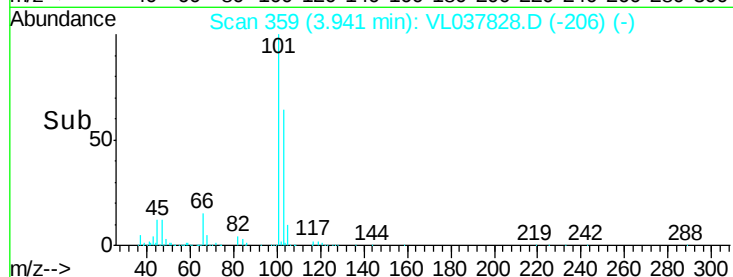
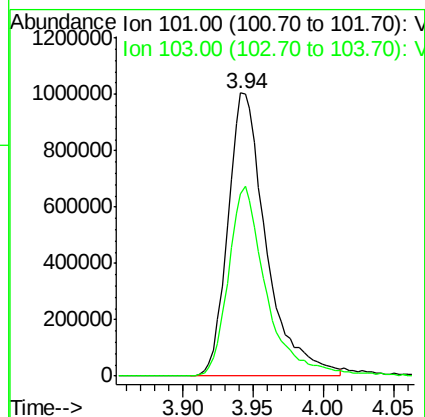
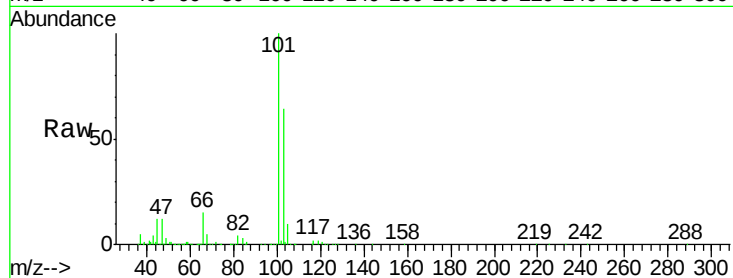
103 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2021

Supervised By :Mahesh Dadoda 10/15/2021



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.541 ppbv

RT: 4.48 min Scan# 526

Delta R.T. -0.01 min

Lab File: VL037828.D

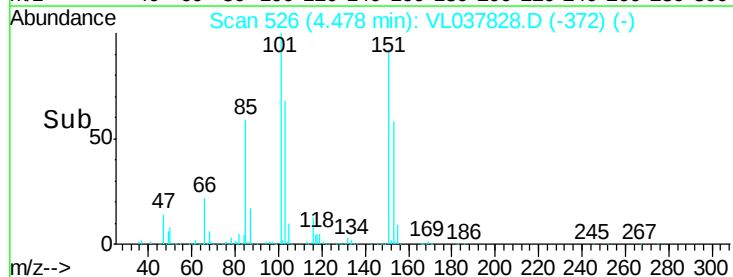
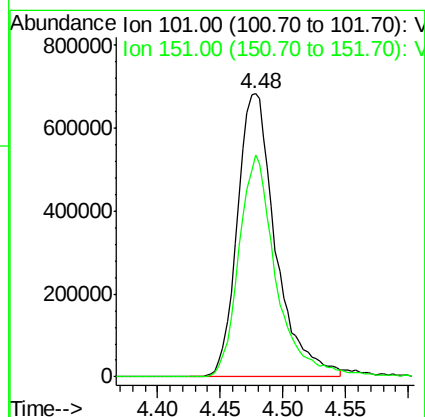
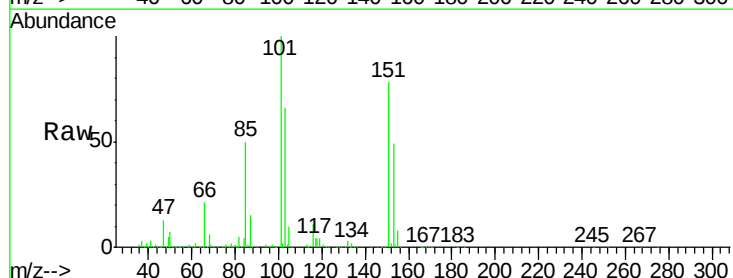
Acq: 12 Oct 2021 11:56

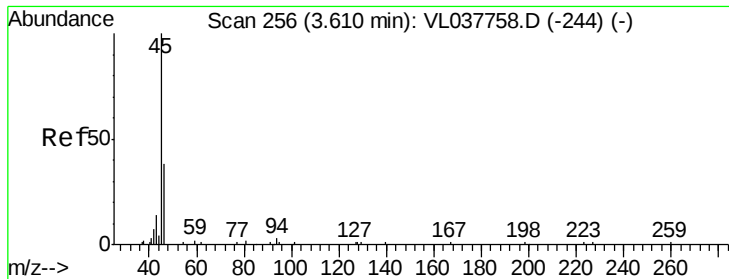
Tgt Ion:101 Resp: 1452417

Ion Ratio Lower Upper

101 100

151 76.8 62.9 94.3



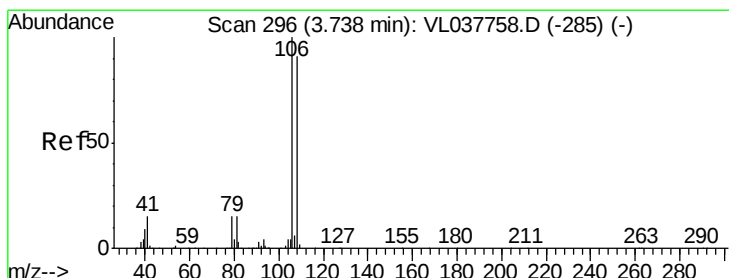
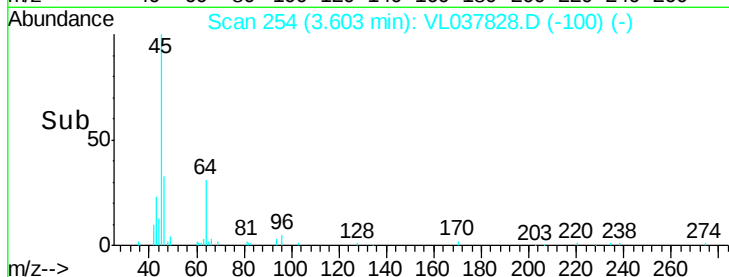
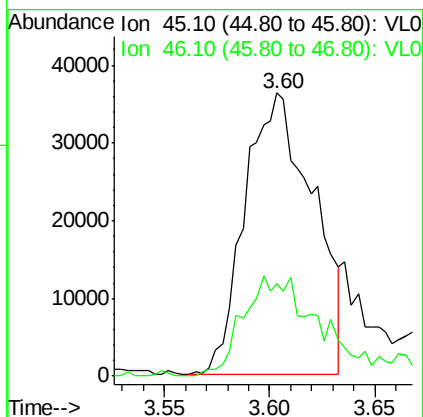
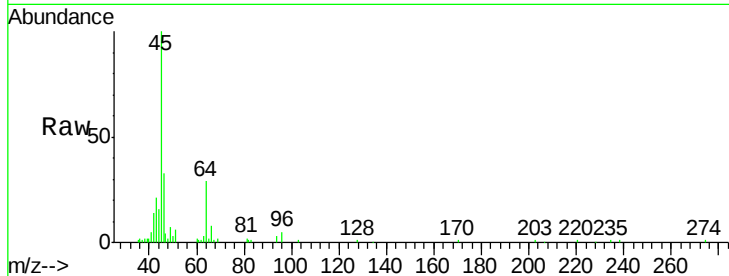


#13
Ethanol
Concen: 10.028 ppbv
RT: 3.60
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 11:56

Tot Ion:
Ion Ratio
45 100
46 44.

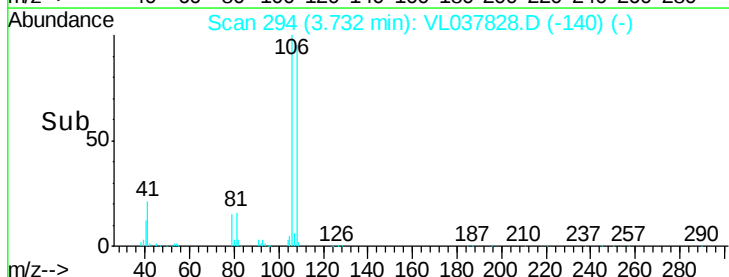
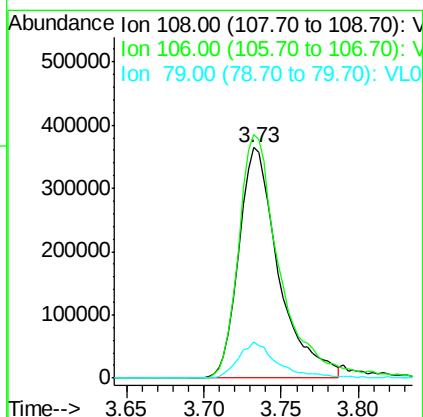
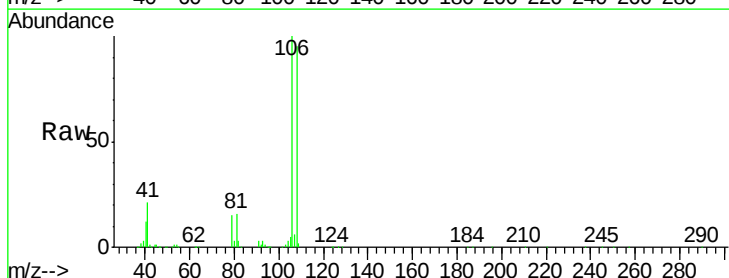
Manual Integrations
APPROVED

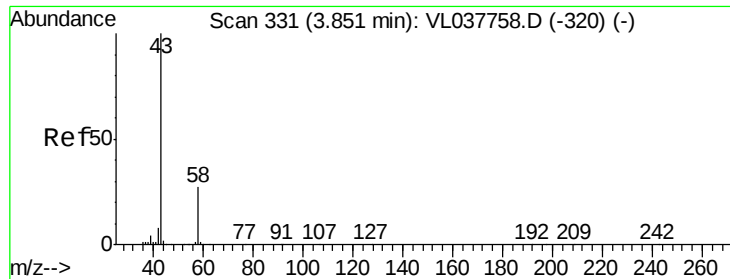
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021



#14
Bromoethene
Concen: 9.772 ppbv
RT: 3.73 min Scan# 294
Delta R.T.: -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion:108 Resp: 654095
Ion Ratio Lower Upper
108 100
106 111.0 91.9 137.9
79 16.1 13.9 20.9



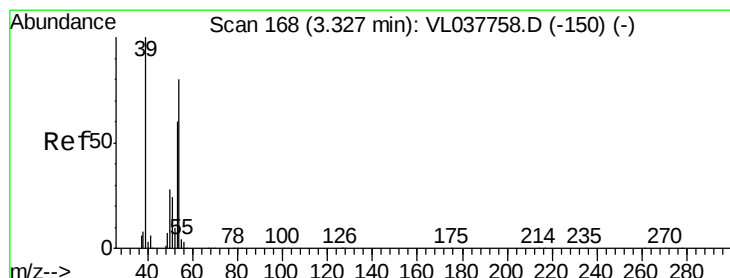
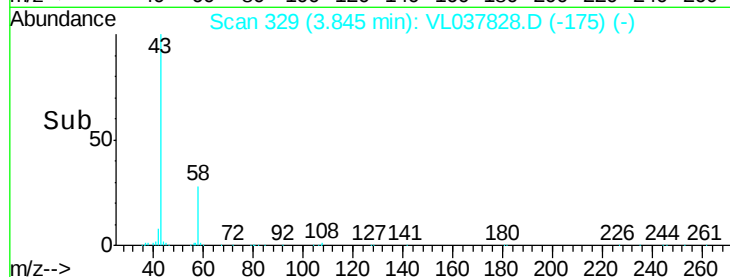
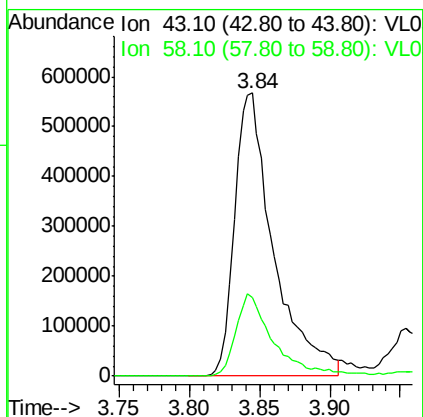
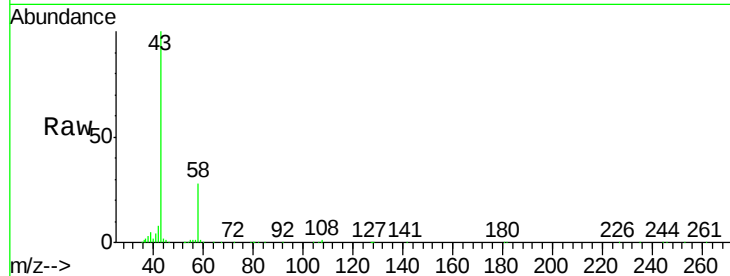


#15
Acetone
Concen: 8.650 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 11:56

Tot Ion:
Ion Ratio
43 100
58 28.

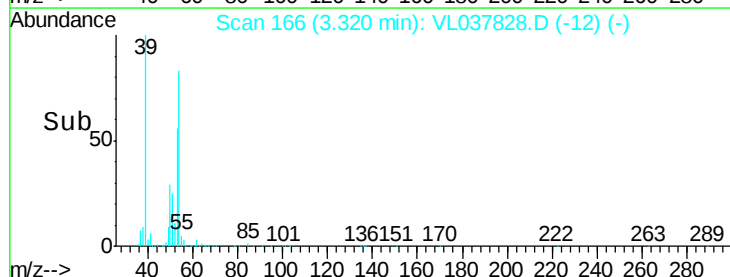
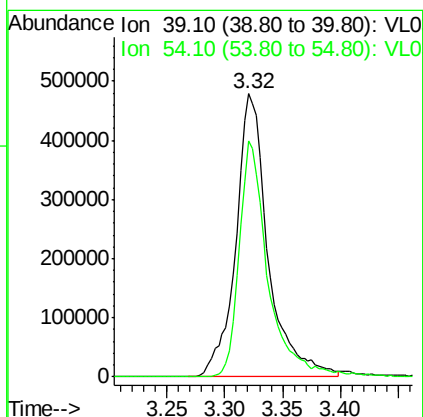
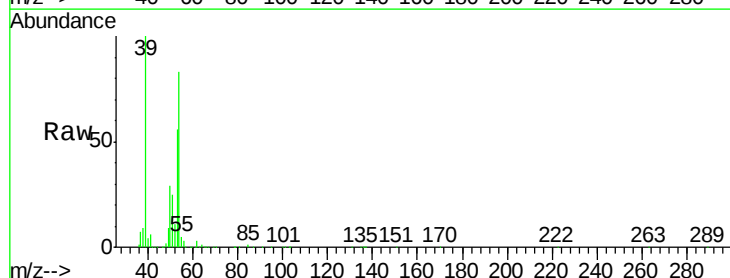
Manual Integrations
APPROVED

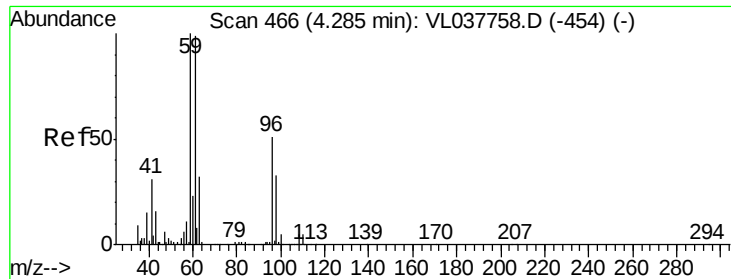
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021



#16
1,3-Butadiene
Concen: 10.044 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 39 Resp: 924861
Ion Ratio Lower Upper
39 100
54 75.0 61.7 92.5





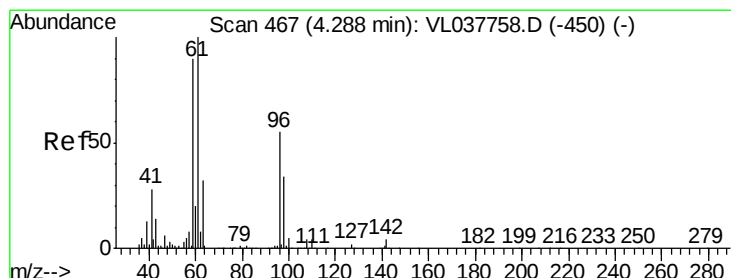
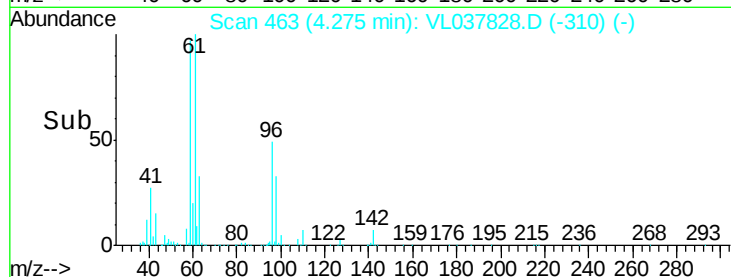
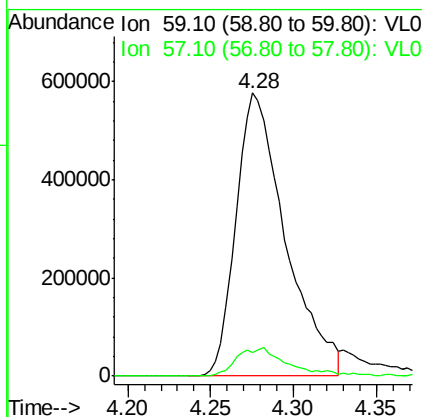
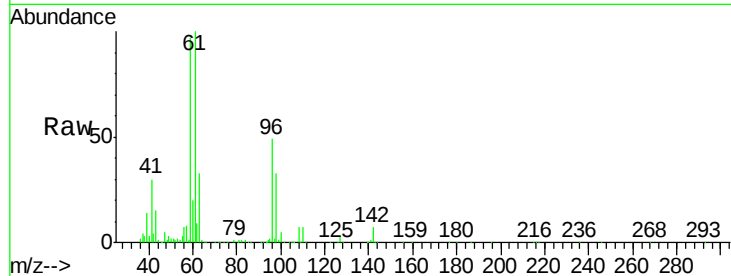
#17

tert-Butyl alcohol
Concen: 9.178 ppbv
RT: 4.28
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 11:56

Tot Ion:
Ion Ratio
59 100
57 11.

Manual Integrations
APPROVED

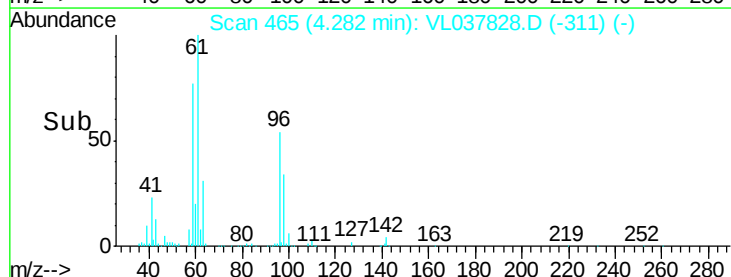
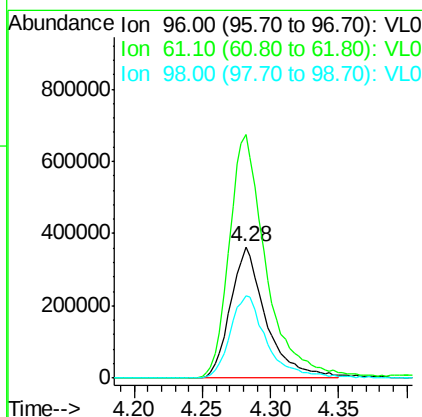
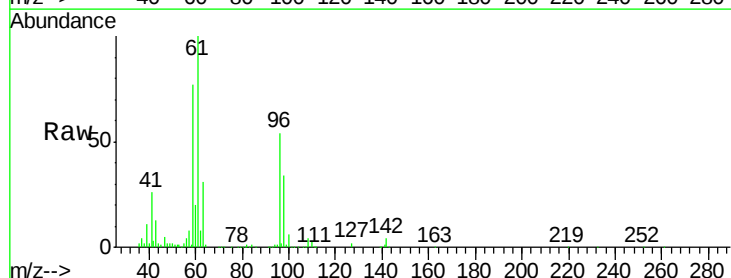
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021

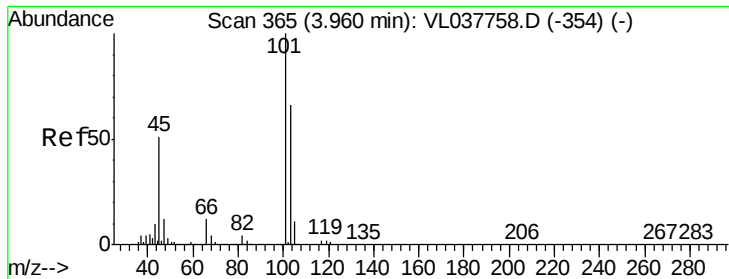


#18

1,1-Dichloroethene
Concen: 9.493 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 96 Resp: 656776
Ion Ratio Lower Upper
96 100
61 185.2 146.2 219.4
98 63.1 50.0 75.0





#19

Isopropyl Alcohol

Concen: 9.008 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 11:56

Tot Ion:

Ion Ratio

45 100

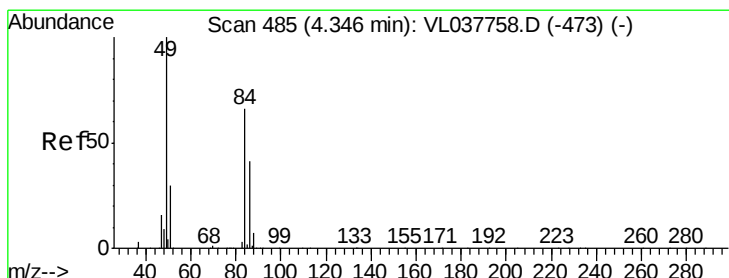
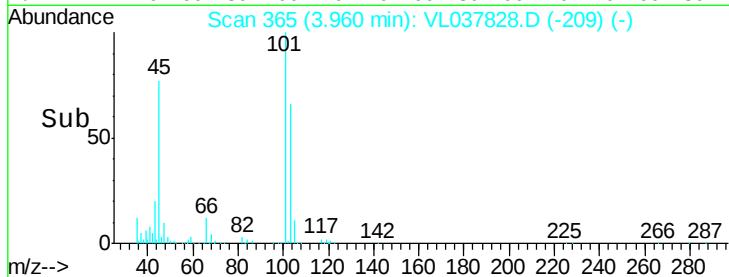
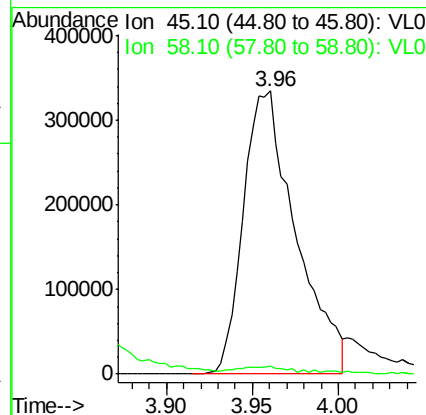
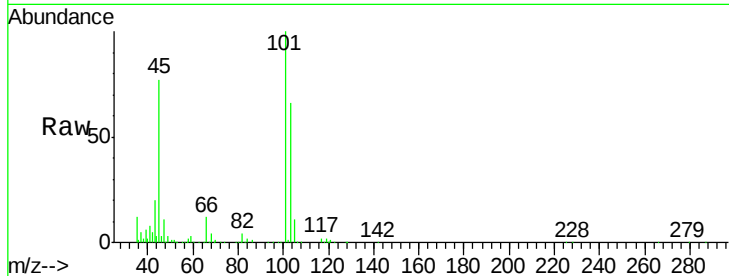
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2021

Supervised By :Mahesh Dadoda 10/15/2021



#20

Methylene Chloride

Concen: 8.724 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

Tgt Ion: 84 Resp: 557894

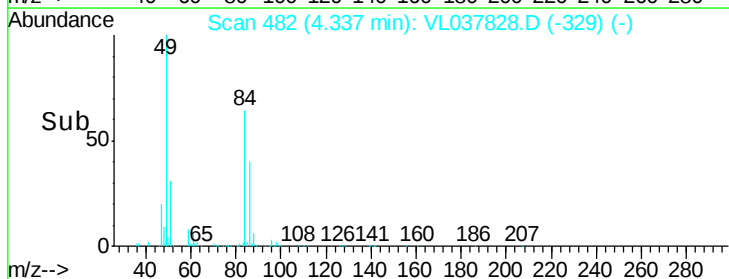
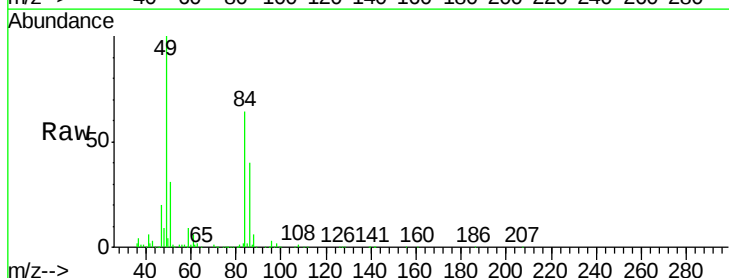
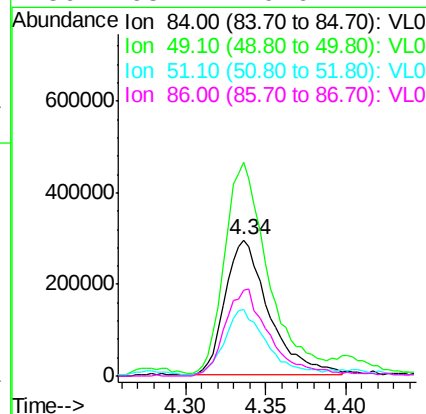
Ion Ratio Lower Upper

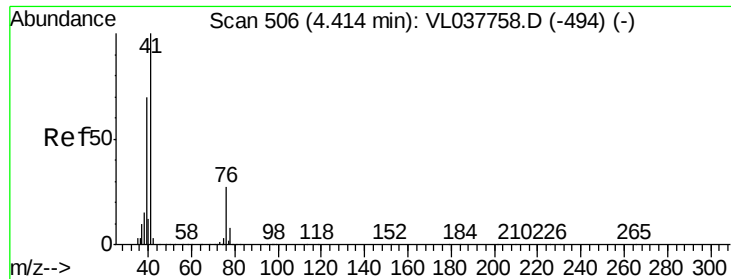
84 100

49 155.9 120.7 181.1

51 48.0 36.2 54.4

86 63.2 49.6 74.4



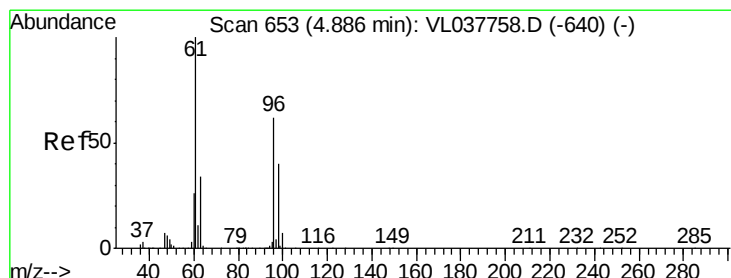
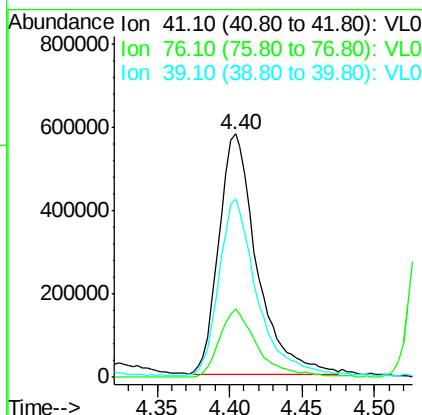
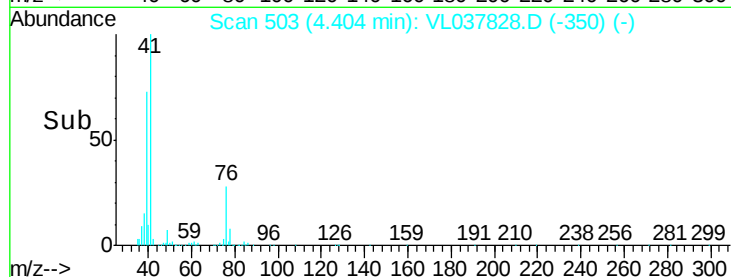
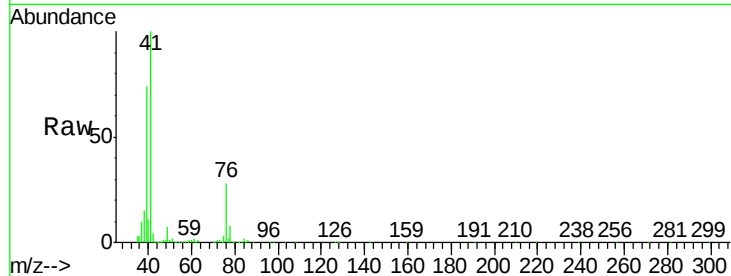


#21
 Allvl Chloride
 Concen: 9.308 ppbv
 RT: 4.40
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:56

Tot Ion:
 Ion Ratio
 41 100
 76 29.
 39 77.

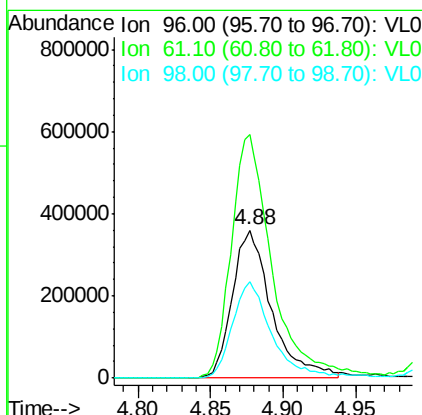
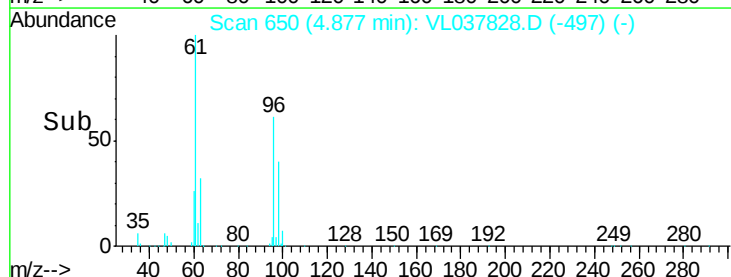
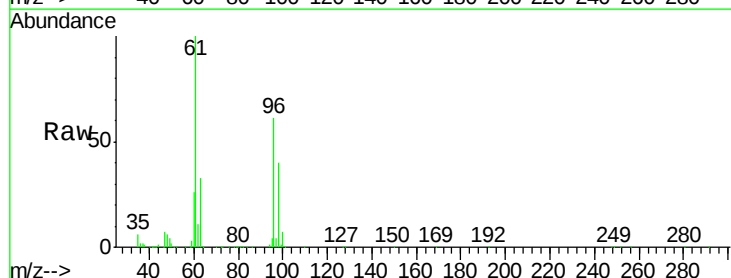
Manual Integrations
 APPROVED

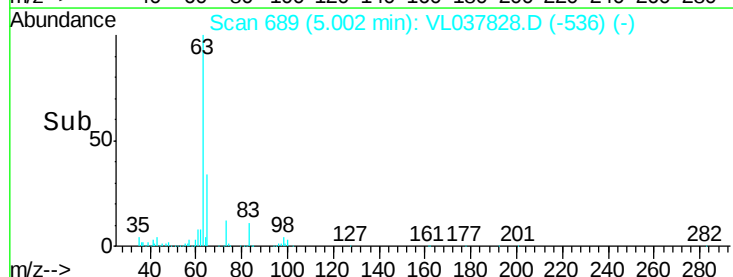
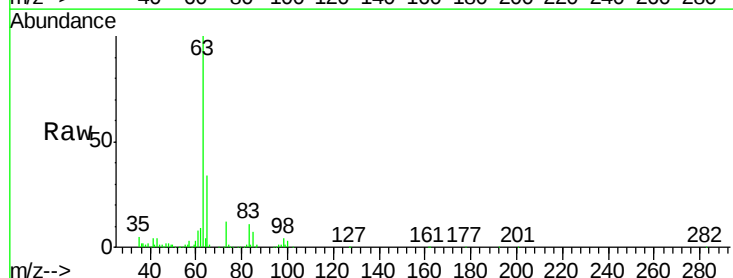
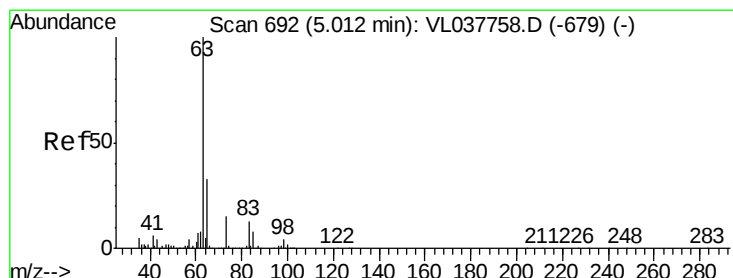
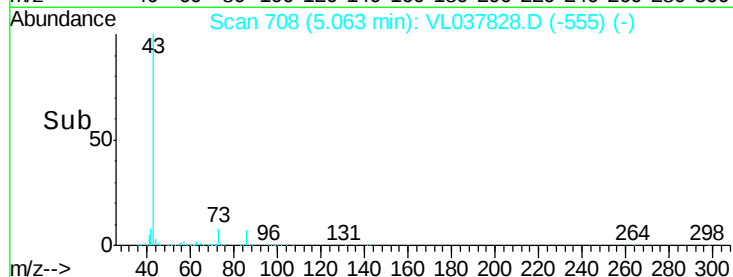
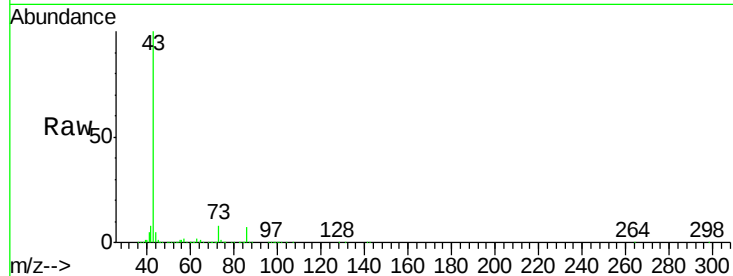
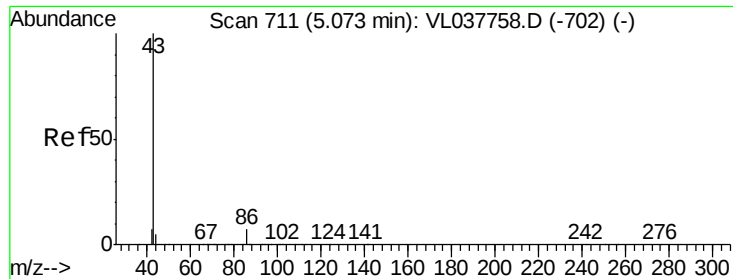
Reviewed By :Semsettin Yesilyurt 10/15/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#22
 trans-1,2-Dichloroethene
 Concen: 9.775 ppbv
 RT: 4.88 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion: 96 Resp: 679892
 Ion Ratio Lower Upper
 96 100
 61 164.5 129.0 193.6
 98 65.4 51.7 77.5





#23

Vinyl Acetate

Concen: 10.463 ppbv

RT: 5.06 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 12 Oct 2021 11:56

Tot Ion:

Ion Ratio

43 100

86 7.

42 8.

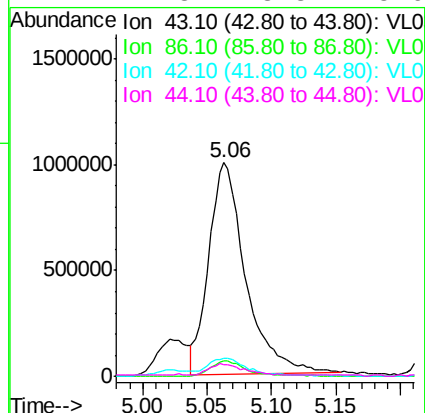
44 4.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2021

Supervised By :Mahesh Dadoda 10/15/2021



#24

1,1-Dichloroethane

Concen: 9.777 ppbv

RT: 5.00 min Scan# 689

Delta R.T. -0.01 min

Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

Tgt Ion: 63 Resp: 1349887

Ion Ratio Lower Upper

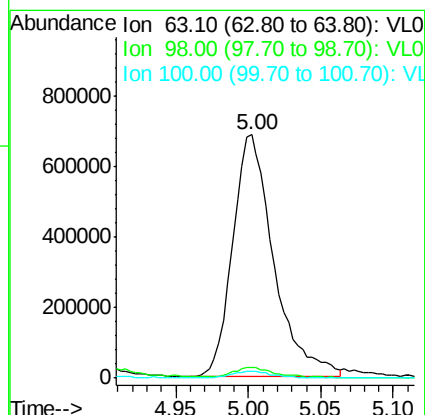
63 100

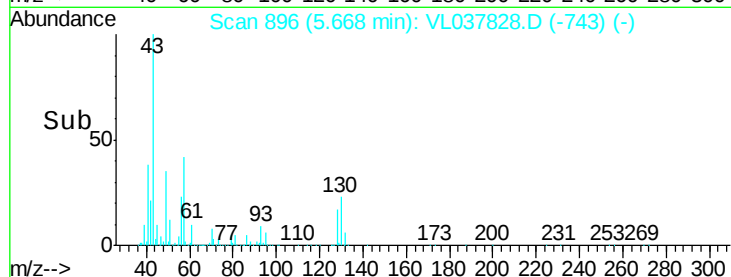
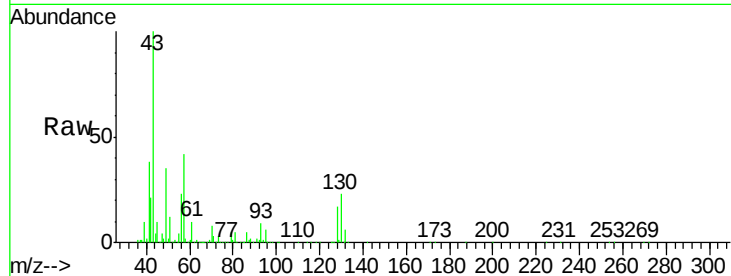
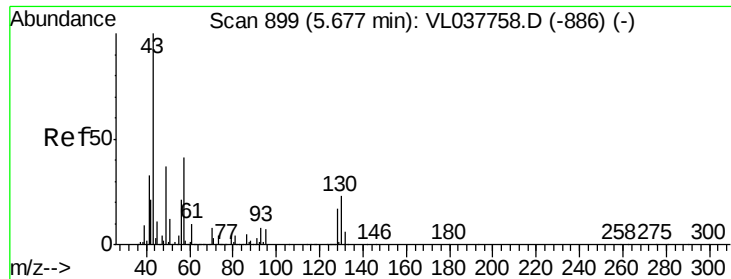
98 4.0

100 2.5

2.3 6.9

1.1 3.1



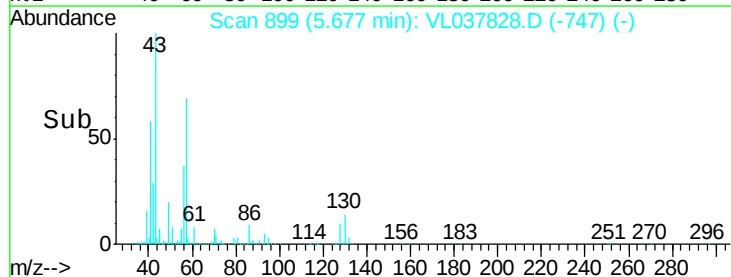
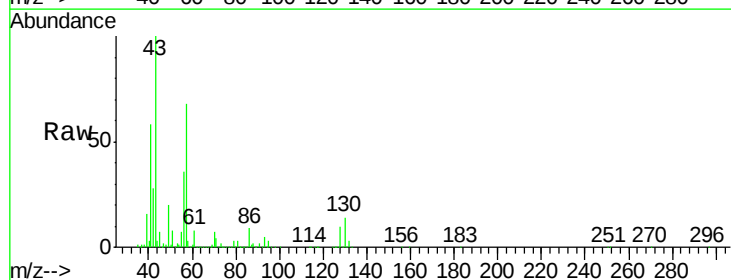
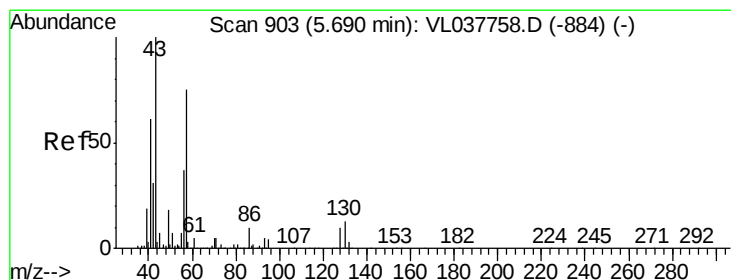
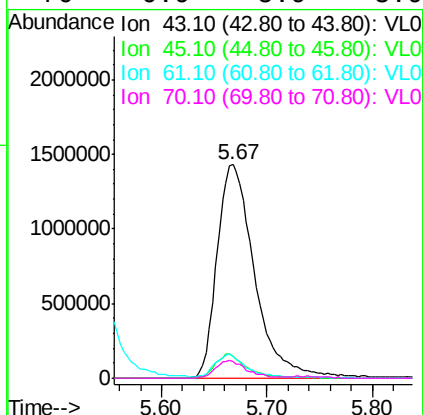


#25
Ethyl Acetate
Concen: 9.850 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 12 Oct 2021 11:56

Tot Ion:
Ion Ratio
43 100
45 9.
61 10.
70 6.9 5.9 8.9

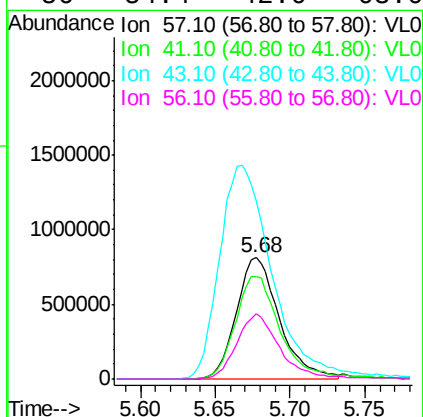
Manual Integrations
APPROVED

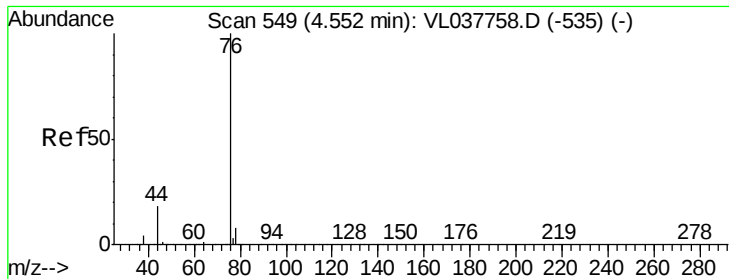
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021



#26
Hexane
Concen: 9.315 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 57 Resp: 1628945
Ion Ratio Lower Upper
57 100
41 90.2 69.6 104.4
43 217.8 171.4 257.0
56 54.4 42.0 63.0





#27

Carbon Disulfide

Concen: 10.685 ppbv

RT: 4.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 11:56 VSTDCCC010

Tot Ion:

Ion Ratio

76 100

44 17.

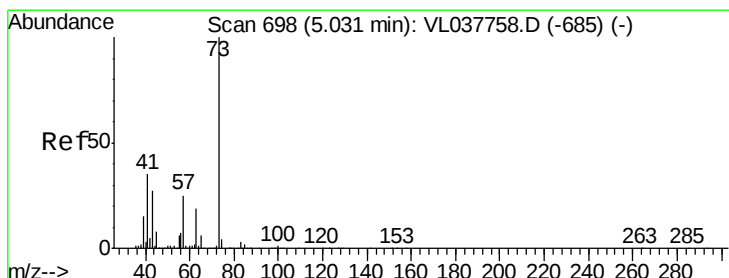
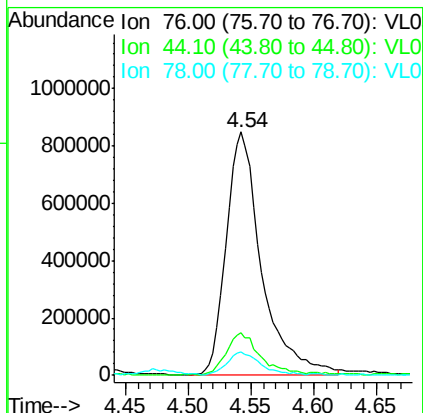
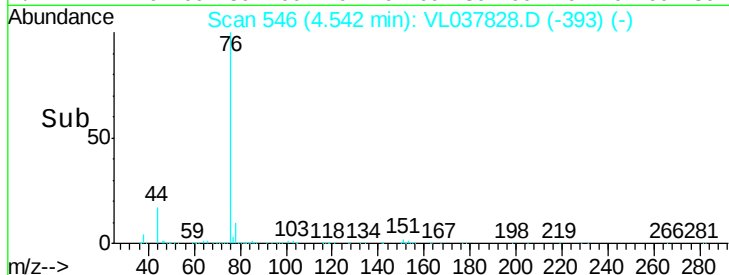
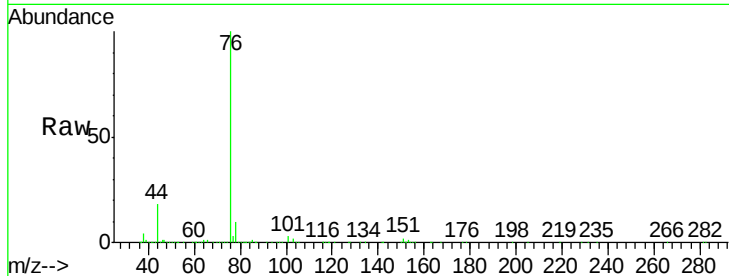
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2021

Supervised By :Mahesh Dadoda 10/15/2021



#28

Methyl tert-Butyl Ether

Concen: 9.939 ppbv

RT: 5.02 min Scan# 696

Delta R.T. -0.01 min

Lab File: VL037828.D

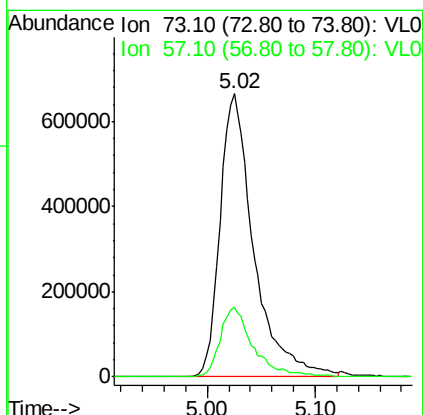
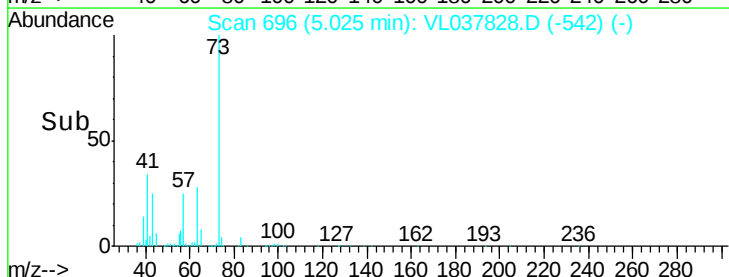
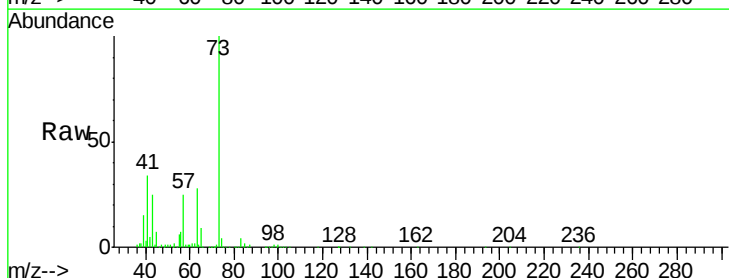
Acq: 12 Oct 2021 11:56

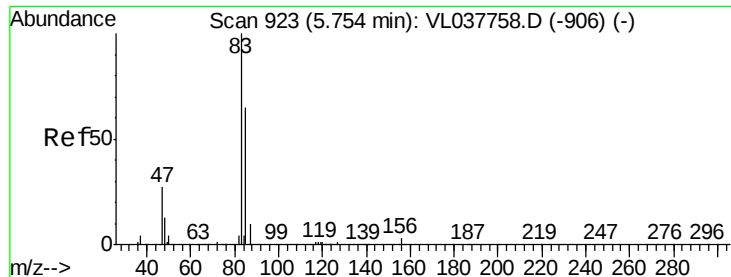
Tgt Ion: 73 Resp: 1447058

Ion Ratio Lower Upper

73 100

57 24.5 20.4 30.6



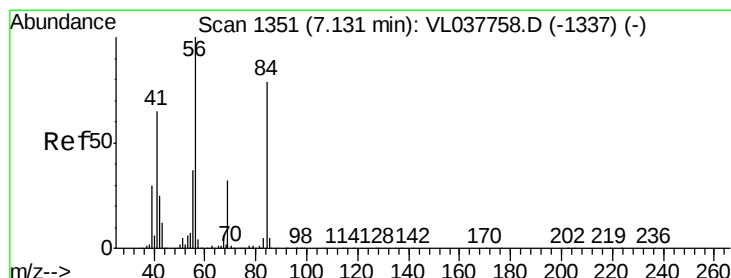
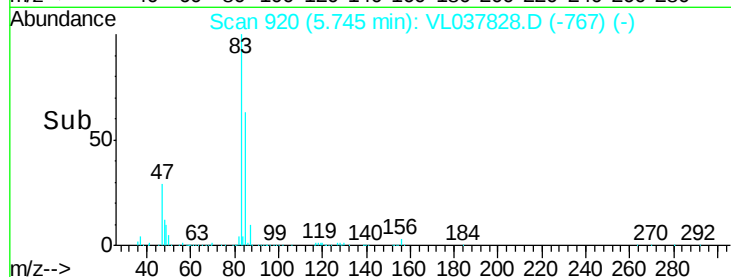
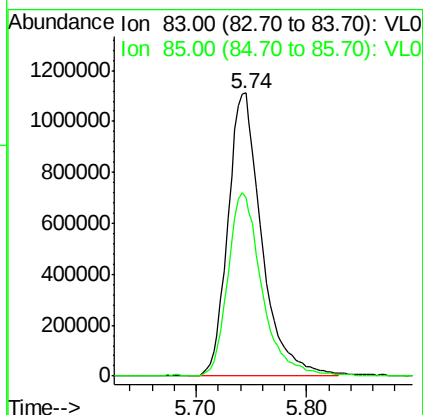
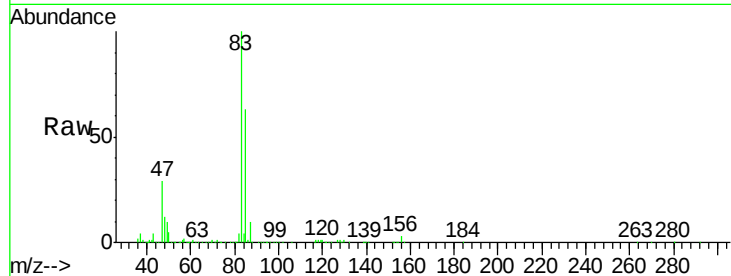


#29
Chloroform
Concen: 9.450 ppbv
RT: 5.74
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 11:56

Tot Ion:
Ion Ratio
83 100
85 62.

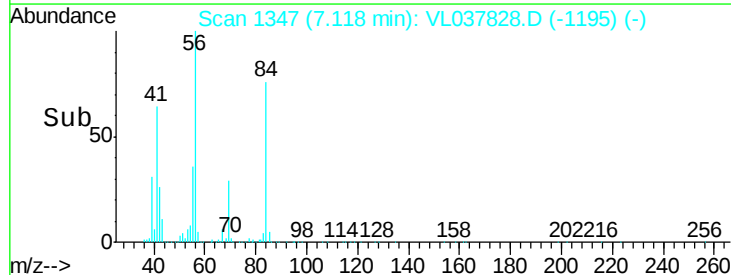
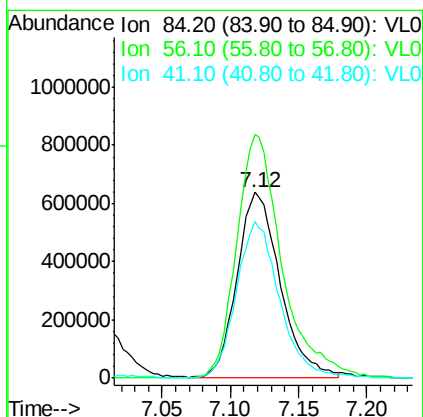
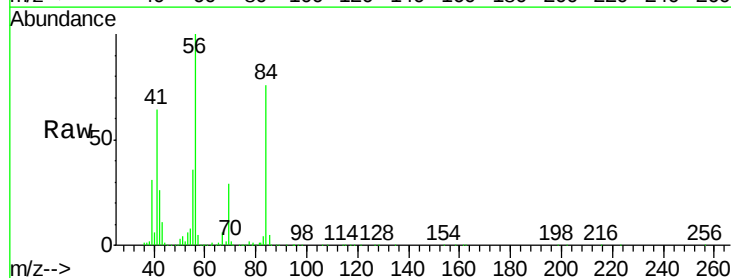
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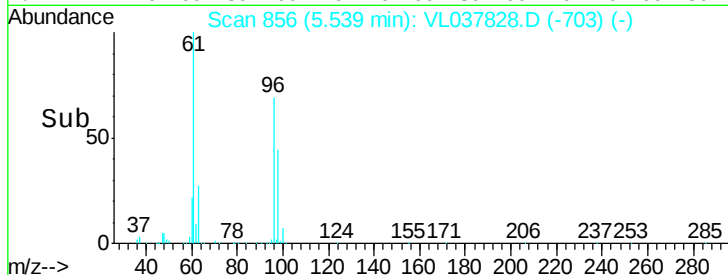
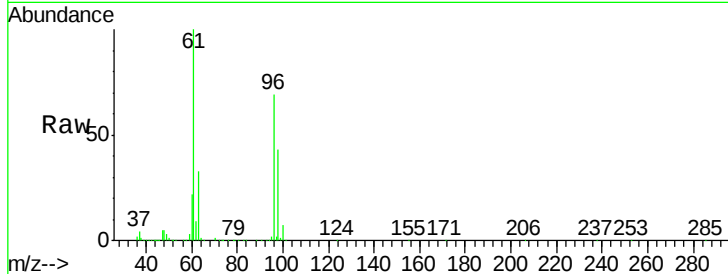
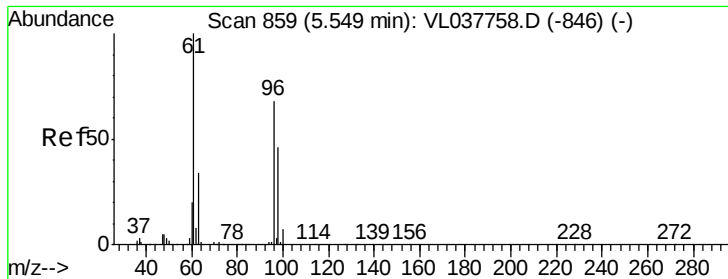
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021



#30
Cyclohexane
Concen: 9.331 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 84 Resp: 1383789
Ion Ratio Lower Upper
84 100
56 140.6 113.0 169.4
41 86.2 69.1 103.7



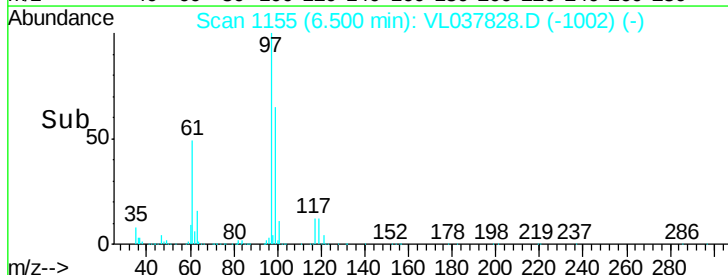
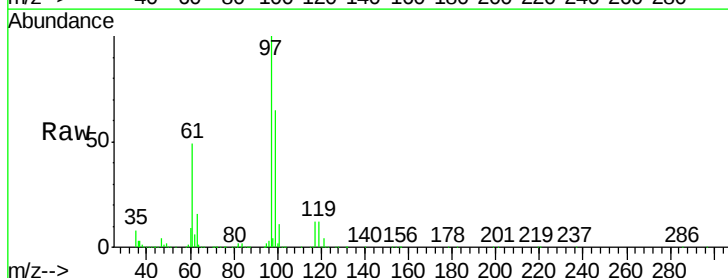
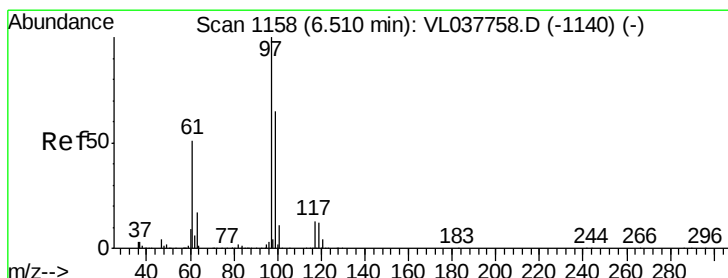
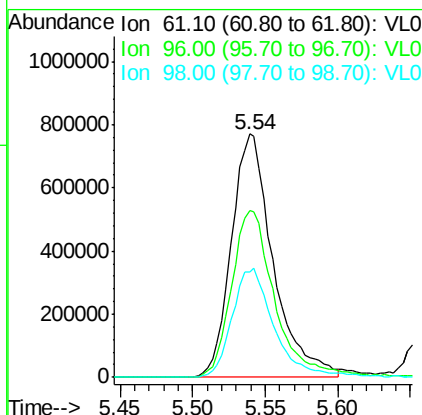


#31
 cis-1,2-Dichloroethene
 Concen: 9.701 ppbv
 RT: 5.54
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:50

Tot Ion:
 Ion Ratio
 61 100
 96 68.
 98 43.

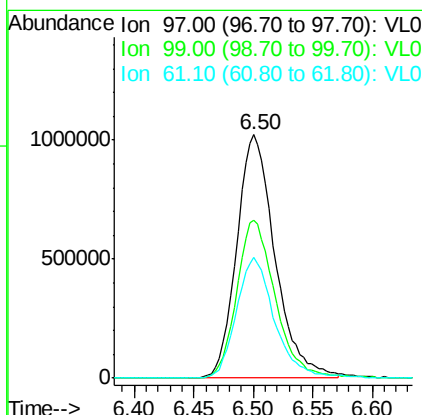
Manual Integrations
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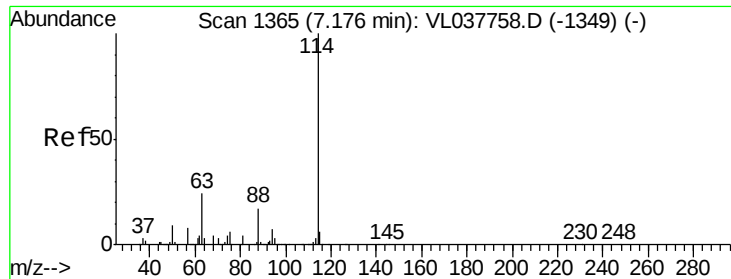
Reviewed By :Semsettin Yesilyurt 10/15/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#32
 1,1,1-Trichloroethane
 Concen: 9.639 ppbv
 RT: 6.50 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion: 97 Resp: 2284354
 Ion Ratio Lower Upper
 97 100
 99 65.7 52.6 78.8
 61 49.7 40.2 60.4



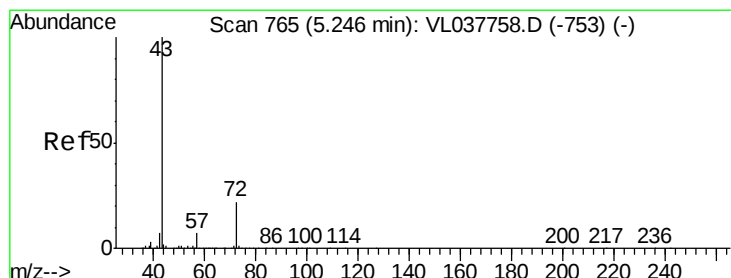
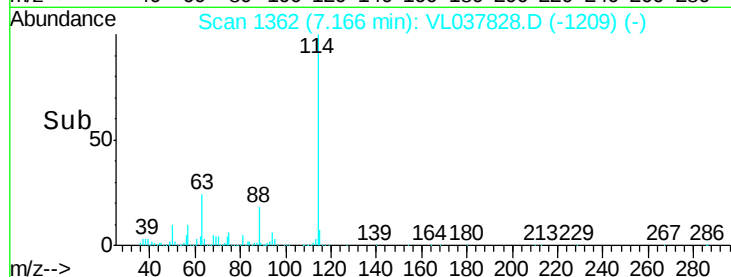
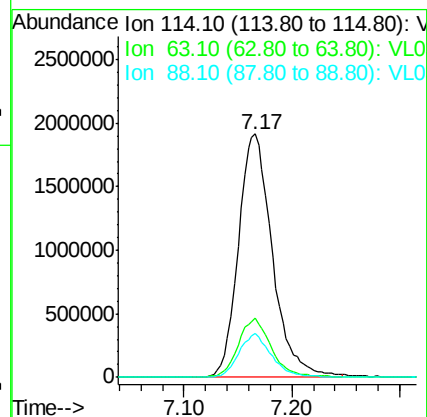
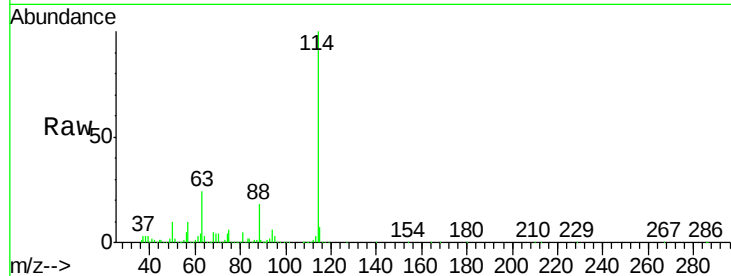


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:56

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

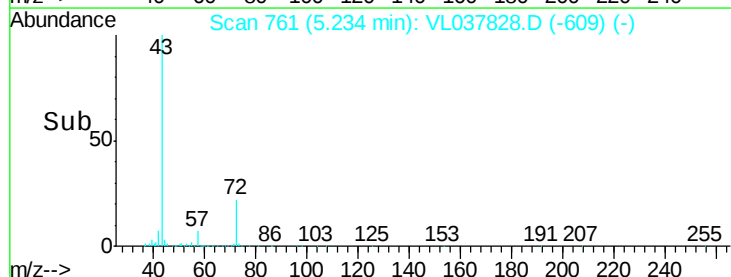
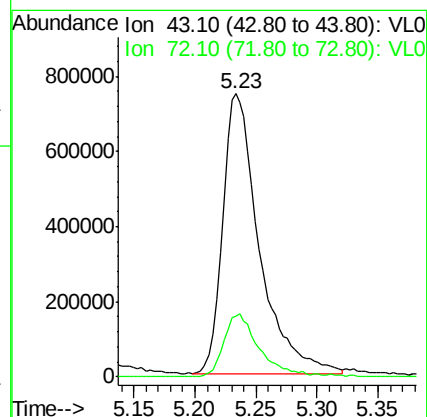
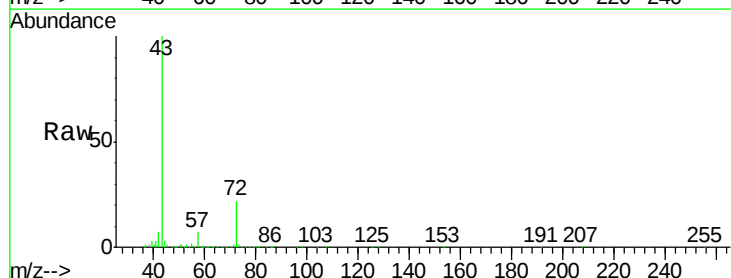
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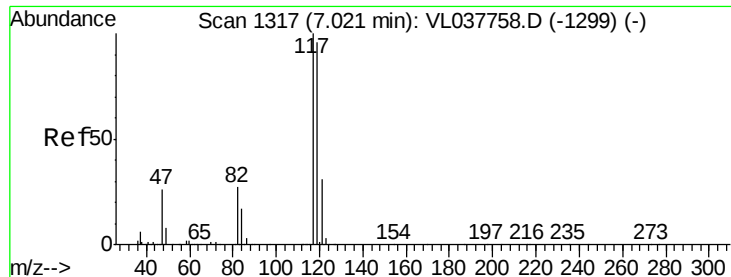
Reviewed By :Semsettin Yesilyurt 10/15/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#34
 2-Butanone
 Concen: 9.233 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T.: -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion: 43 Resp: 1566853
 Ion Ratio Lower Upper
 43 100
 72 22.2 18.2 27.2



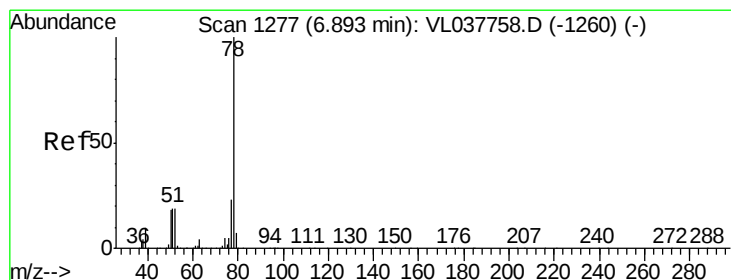
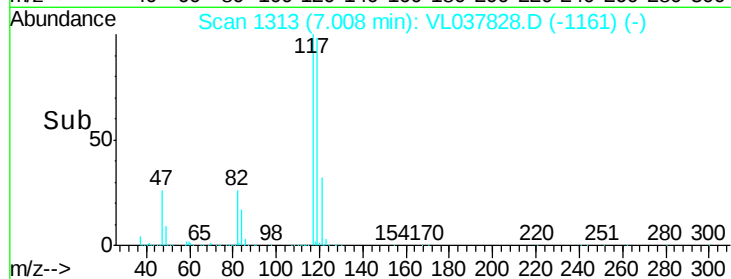
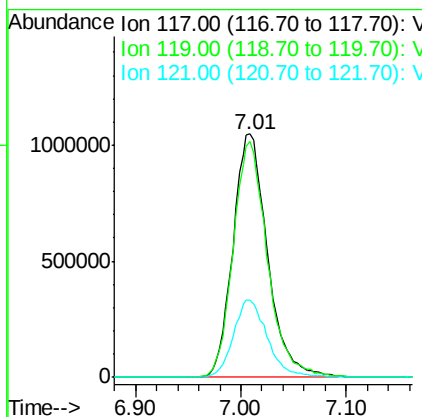
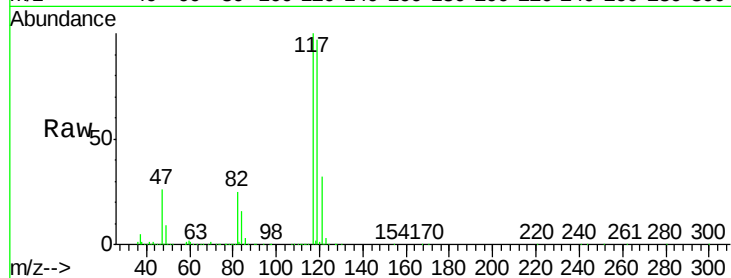


#35
Carbon Tetrachloride
Concen: 9.977 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 12 Oct 2021 11:56

Tot Ion: 1
Ion Ratio
117 100
119 96.
121 31.

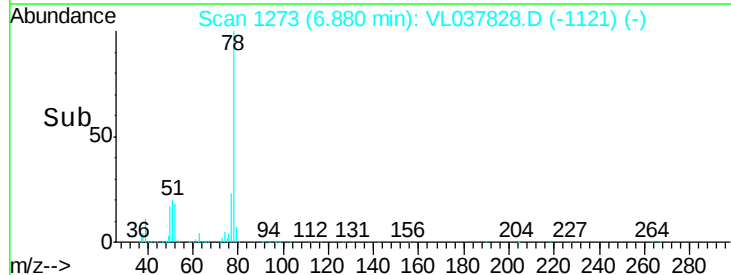
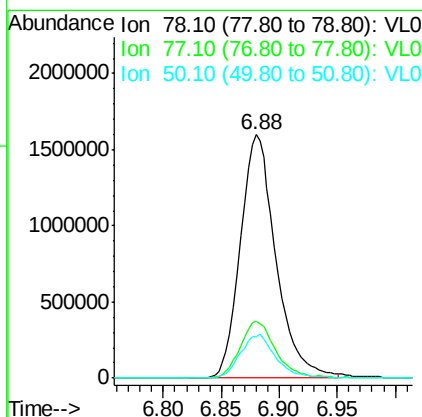
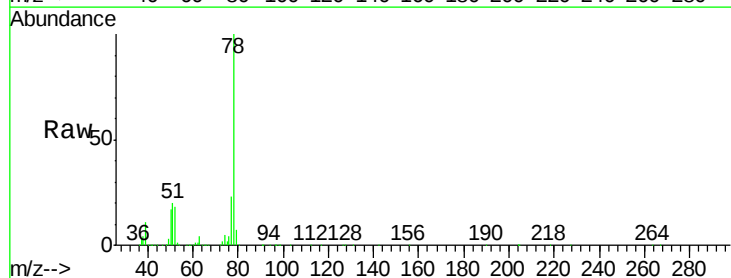
Manual Integrations
APPROVED

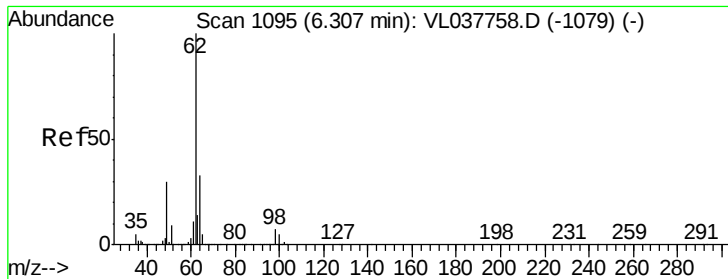
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021



#36
Benzene
Concen: 9.476 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 78 Resp: 3402114
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2
50 17.2 14.7 22.1



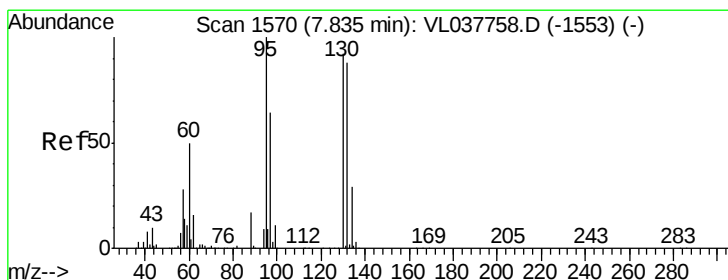
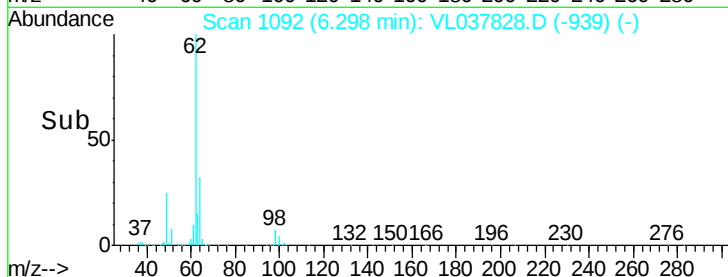
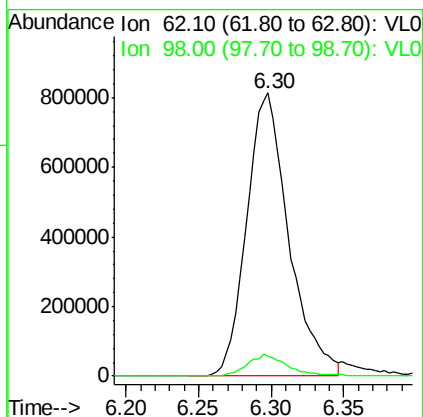
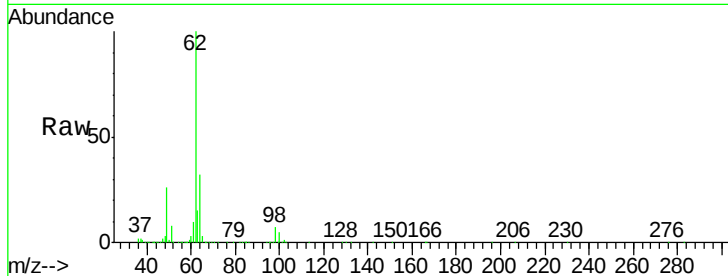


#37
 1,2-Dichloroethane
 Concen: 9.724 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:58

Tot Ion:
 Ion Ratio
 62 100
 98 7.

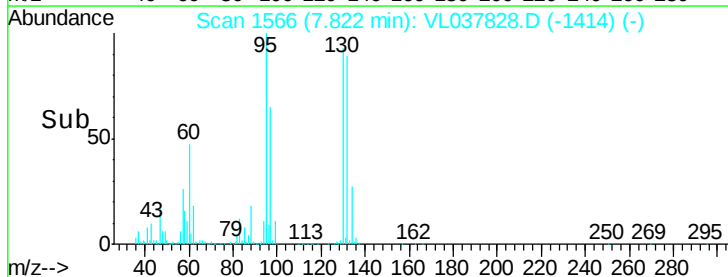
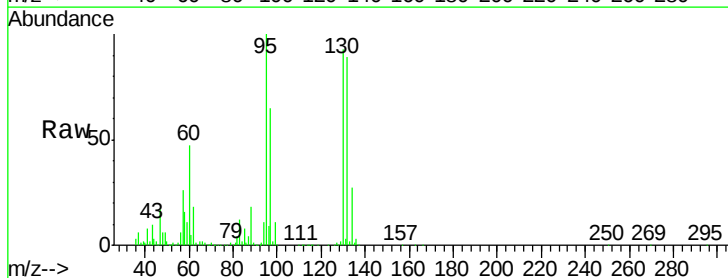
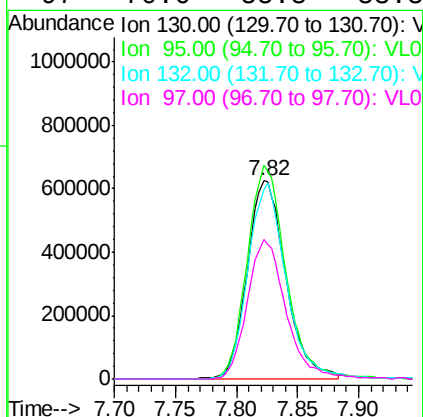
Manual Integrations
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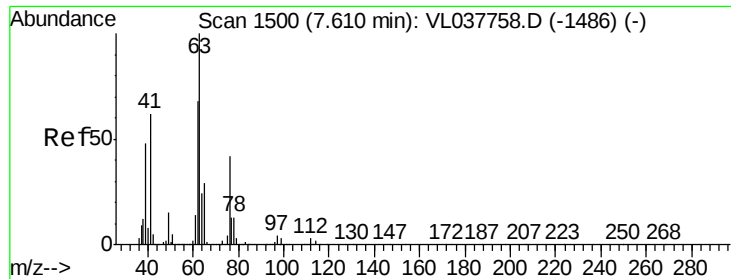
Reviewed By :Semsettin Yesilyurt 10/15/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#38
 Trichloroethene
 Concen: 9.561 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion:130 Resp: 1356177
 Ion Ratio Lower Upper
 130 100
 95 108.1 87.4 131.0
 132 96.1 76.8 115.2
 97 70.6 55.8 83.8



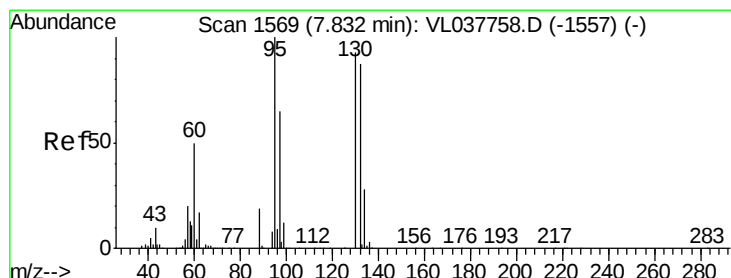
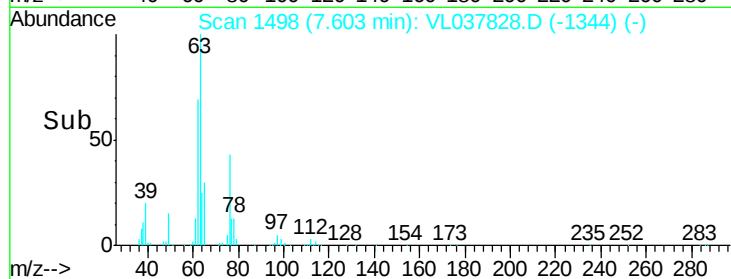
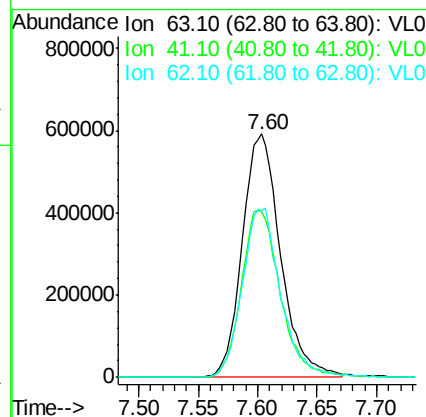
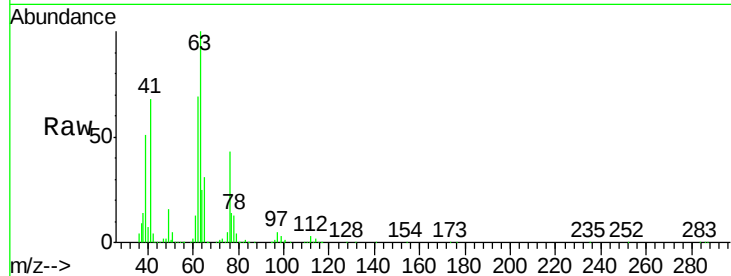


#39
 1,2-Dichloropropane
 Concen: 9.739 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:56

Tot Ion:
 Ion Ratio
 63 100
 41 67.
 62 68.

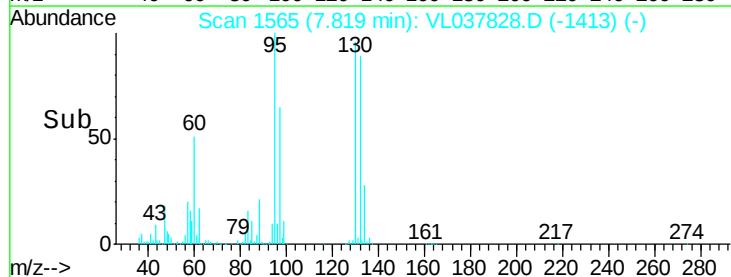
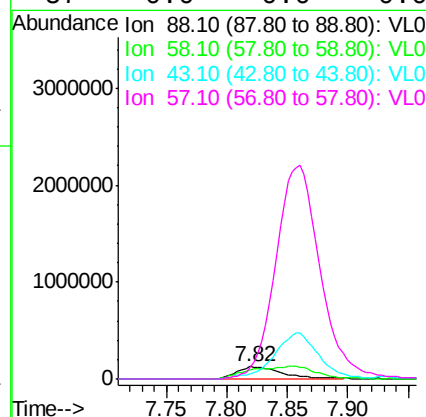
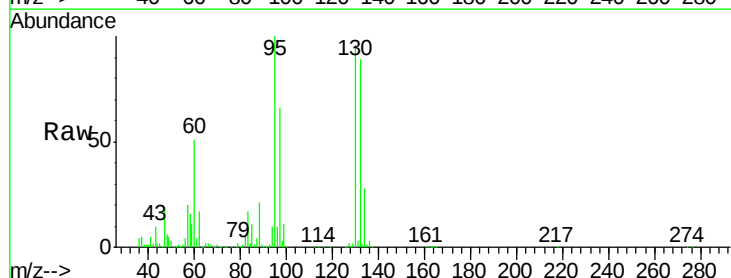
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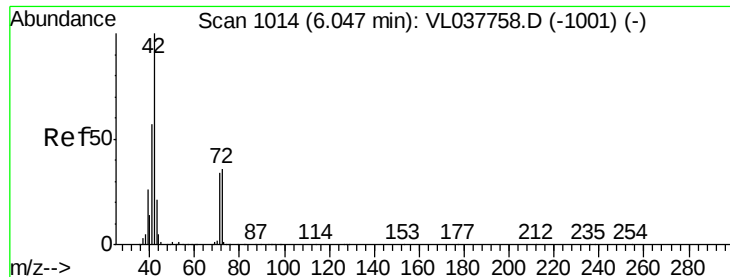
Reviewed By :Semsettin Yesilyurt 10/15/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#40
 1,4-Dioxane
 Concen: 9.871 ppbv m
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion: 88 Resp: 333575
 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



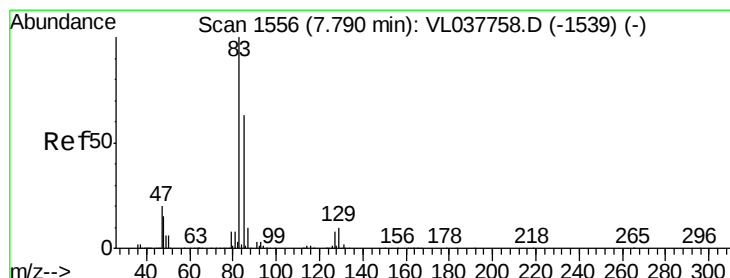
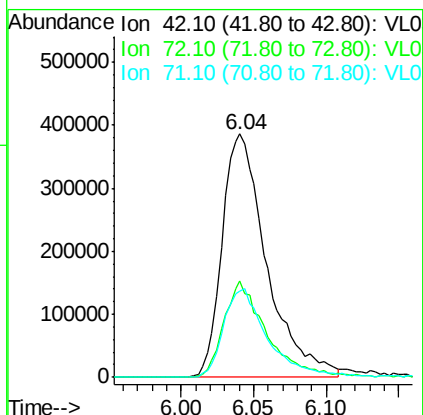
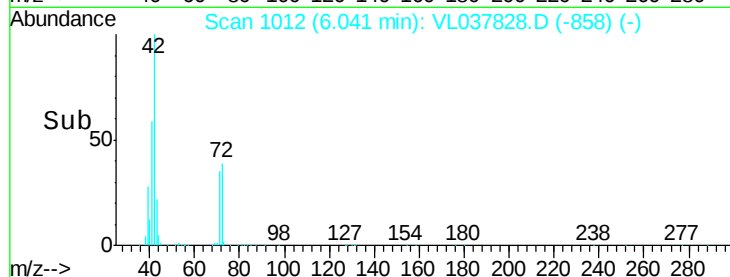
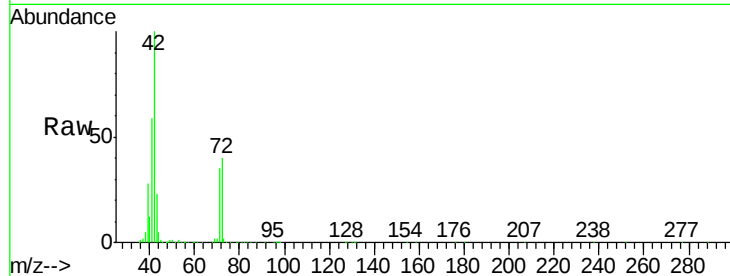


#41
Tetrahydrofuran
Concen: 9.848 ppbv
RT: 6.04
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 12 Oct 2021 11:50

Tot Ion:
Ion Ratio
42 100
72 39.
71 36.

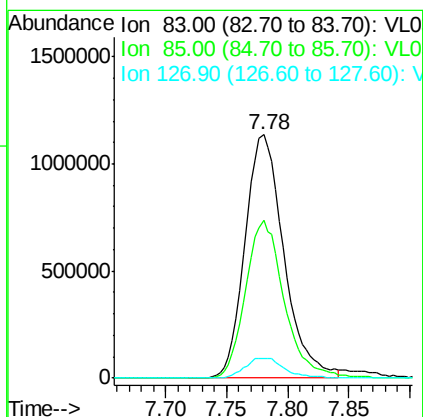
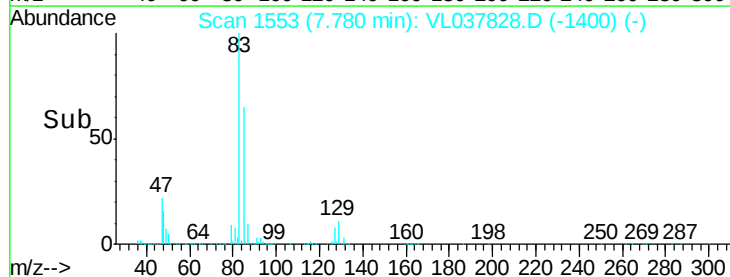
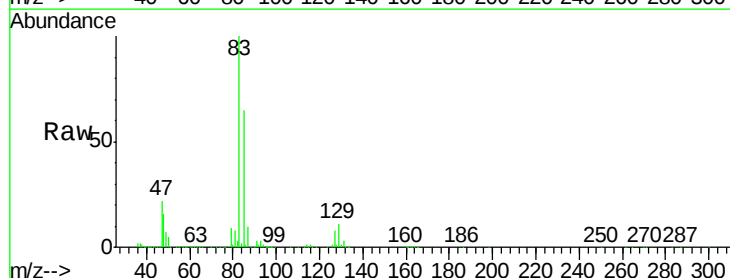
Manual Integrations
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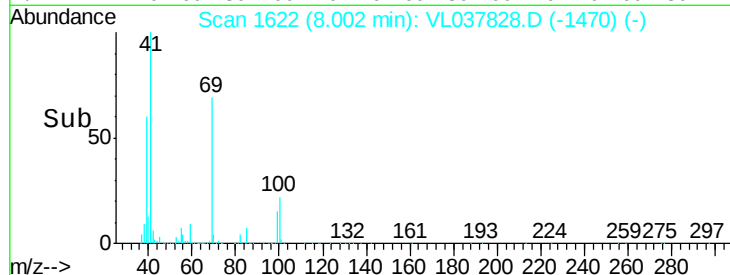
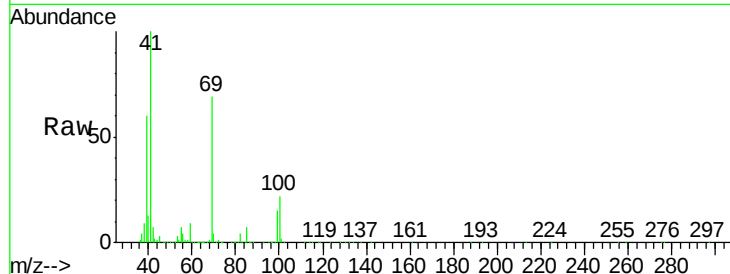
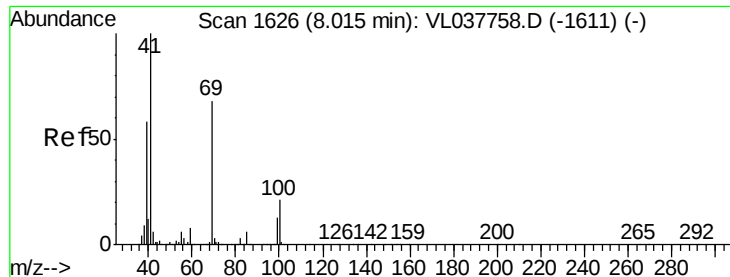
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021



#42
Bromodichloromethane
Concen: 10.061 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 83 Resp: 2498309
Ion Ratio Lower Upper
83 100
85 64.7 50.6 75.8
127 7.9 6.2 9.4



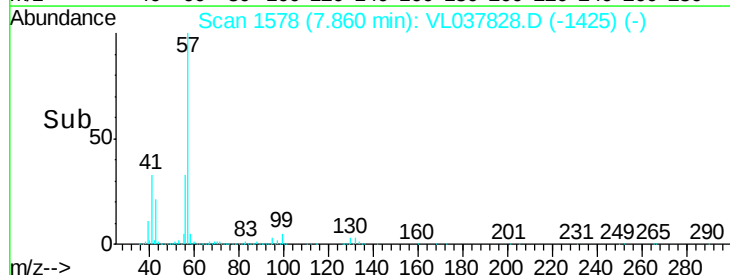
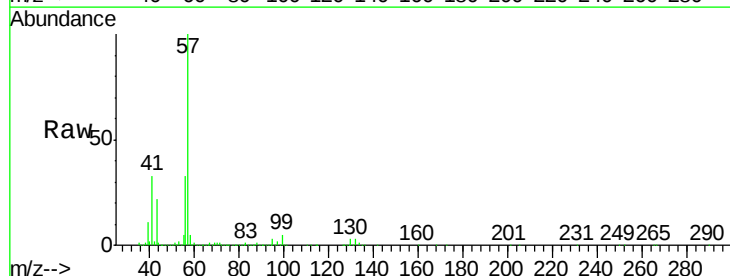
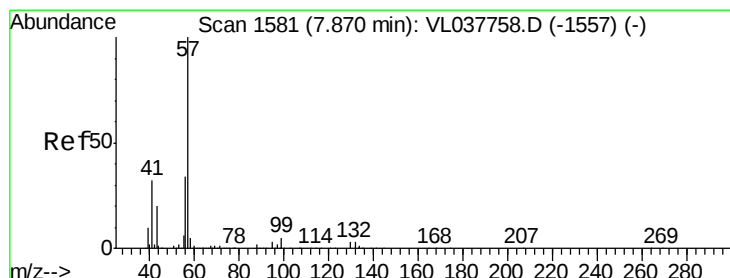
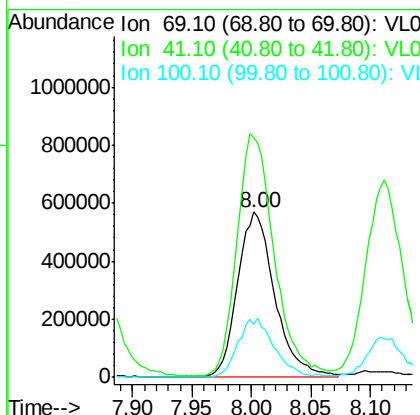


#43
Methyl Methacrylate
Concen: 10.515 ppbv
RT: 8.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 12 Oct 2021 11:58
VSTDCCC010

Tot Ion:
Ion Ratio
69 100
41 147.
100 35.

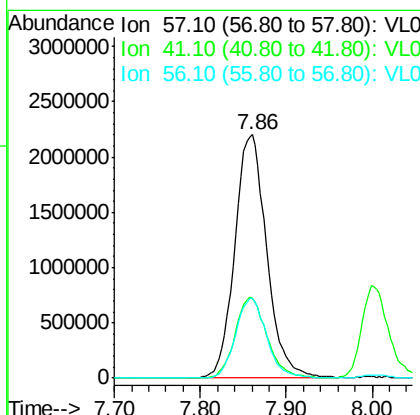
Manual Integrations
APPROVED

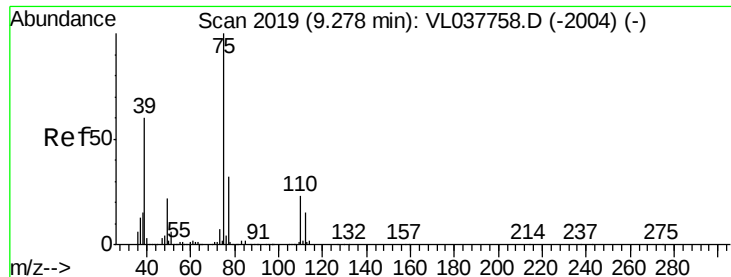
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021



#44
2,2,4-Trimethylpentane
Concen: 9.436 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 57 Resp: 5691965
Ion Ratio Lower Upper
57 100
41 32.9 25.6 38.4
56 32.0 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 11.751 ppbv

RT: 9.27 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 11:56 VSTDCCC010

Tot Ion:

Ion Ratio

75 100

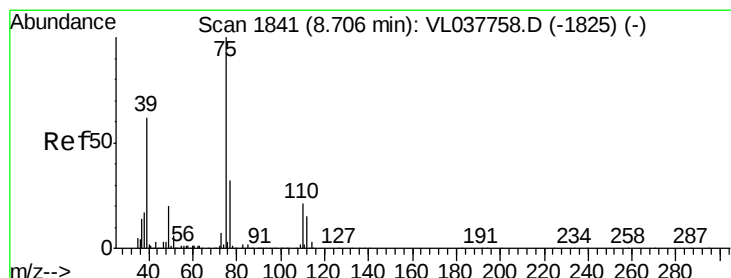
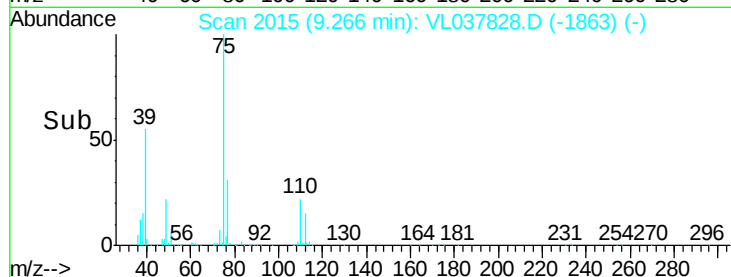
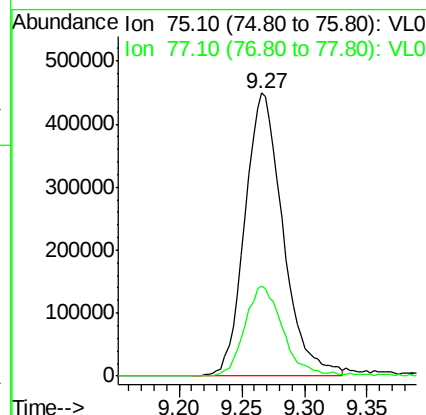
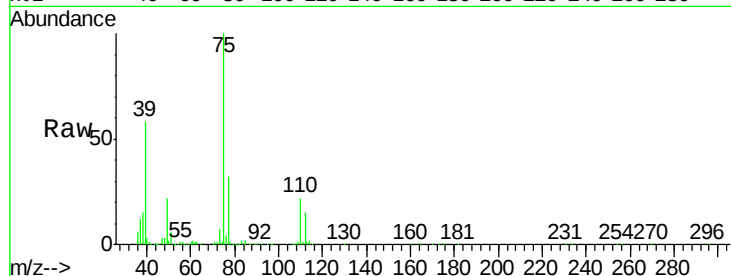
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2021

Supervised By :Mahesh Dadoda 10/15/2021



#46

cis-1,3-Dichloropropene

Concen: 11.230 ppbv

RT: 8.69 min Scan# 1836

Delta R.T. -0.02 min

Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

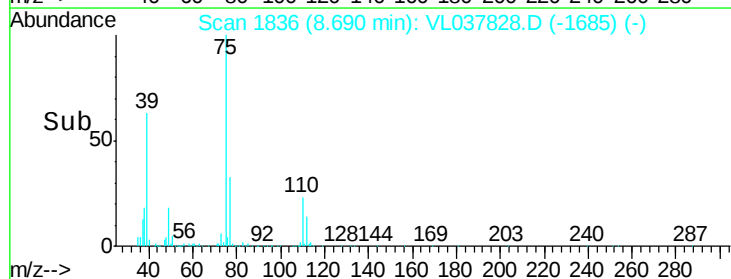
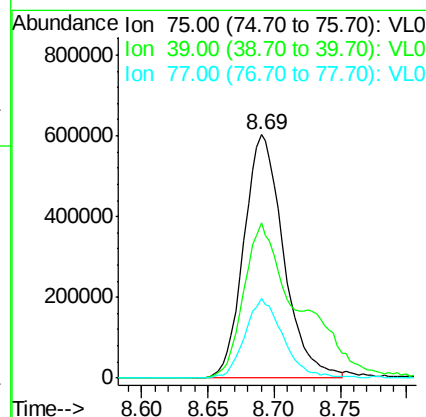
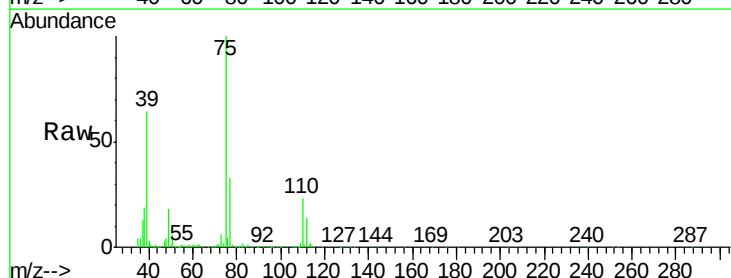
Tgt Ion: 75 Resp: 1255952

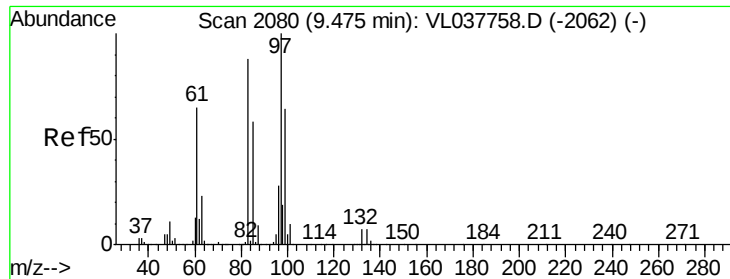
Ion Ratio Lower Upper

75 100

39 63.4 49.9 74.9

77 32.7 25.9 38.9



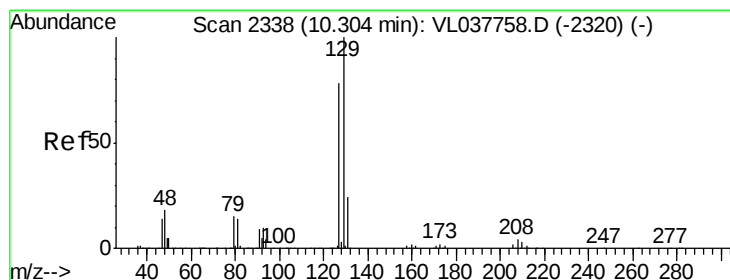
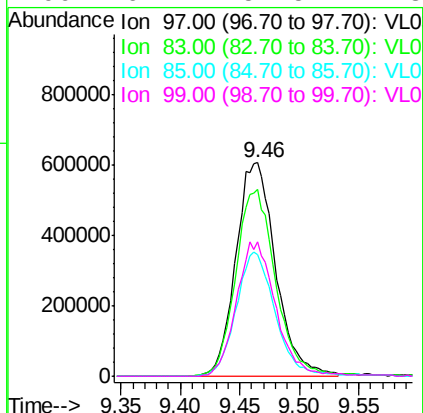
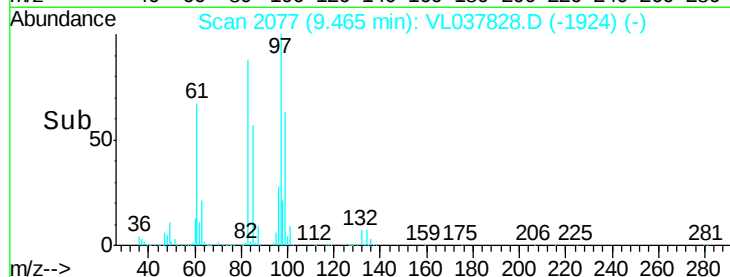
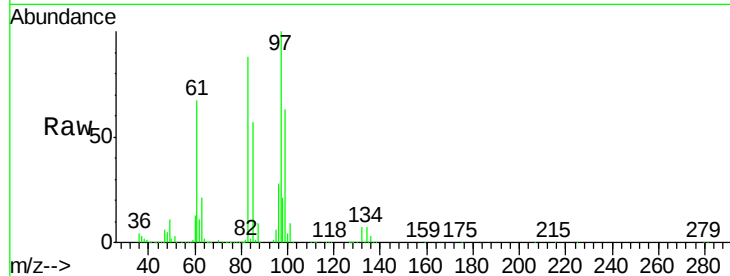


#47
 1,1,2-Trichloroethane
 Concen: 9.571 ppbv
 RT: 9.46 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:58

Tot Ion:
 Ion Ratio
 97 100
 83 87.
 85 57.
 99 62.7 51.5 77.3

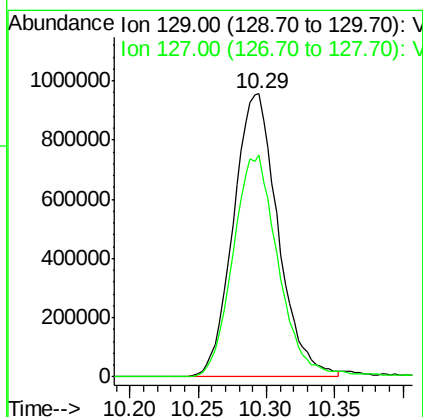
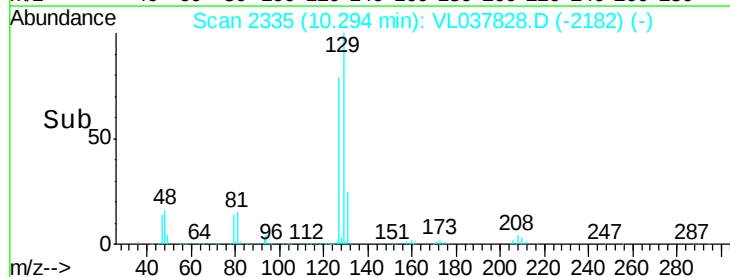
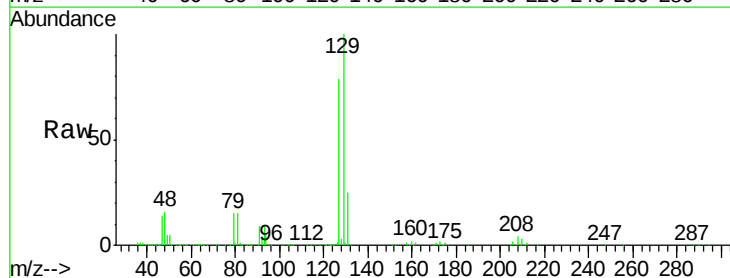
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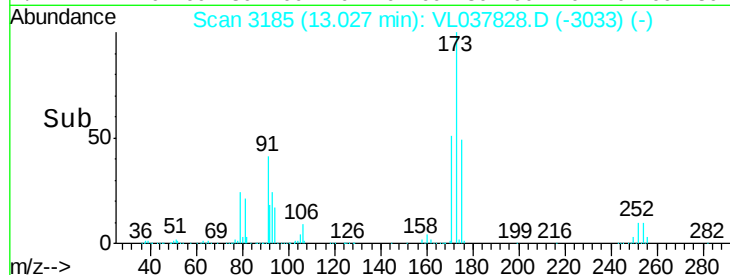
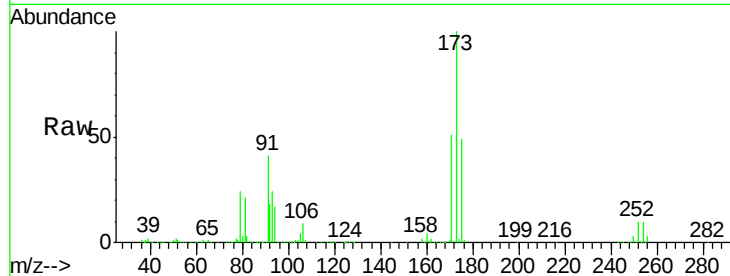
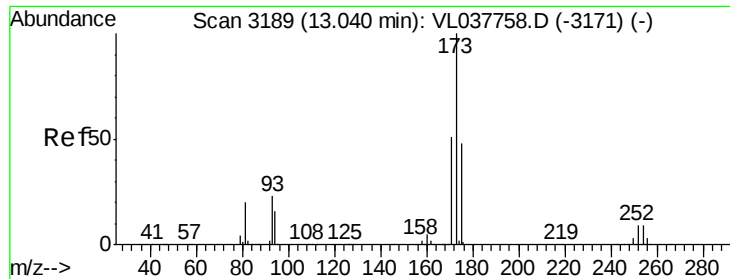
Reviewed By :Semsettin Yesilyurt 10/15/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#48
 Dibromochloromethane
 Concen: 10.350 ppbv
 RT: 10.29 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion:129 Resp: 2166009
 Ion Ratio Lower Upper
 129 100
 127 80.2 39.5 118.5





#49

Bromoform

Concen: 10.957 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 11:56

Tot Ion:1

Ion Rati

173 100

175 52.

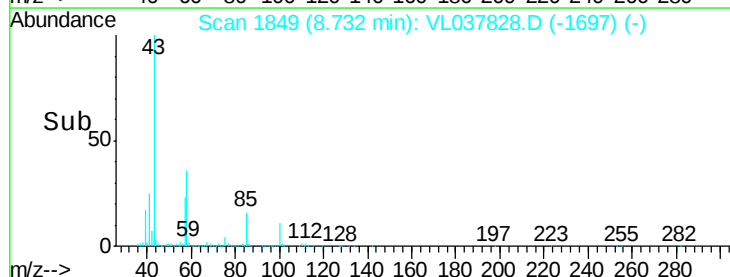
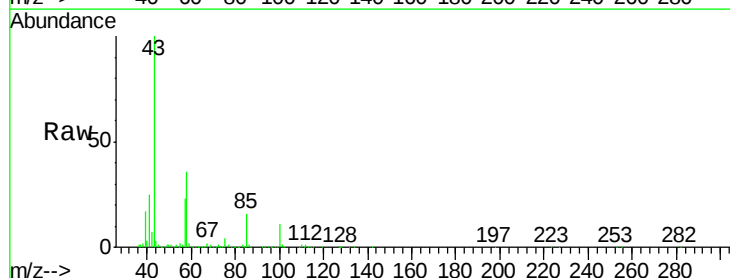
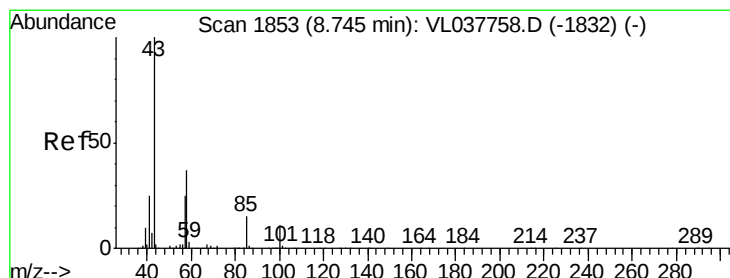
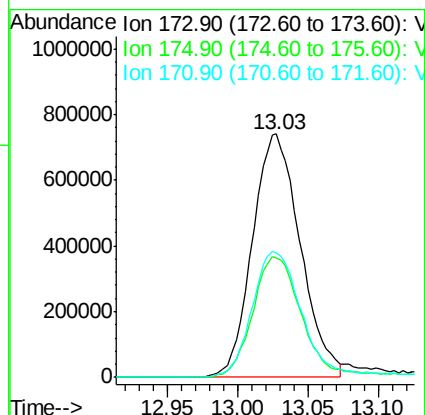
171 56.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2021

Supervised By :Mahesh Dadoda 10/15/2021



#50

4-Methyl-2-Pentanone

Concen: 10.292 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.01 min

Lab File: VL037828.D

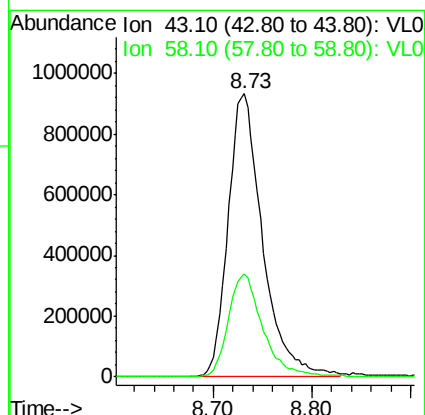
Acq: 12 Oct 2021 11:56

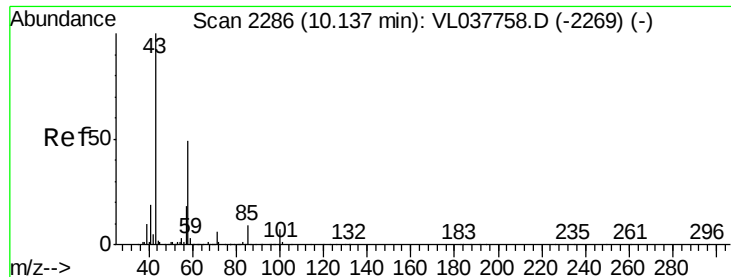
Tgt Ion: 43 Resp: 2273606

Ion Ratio Lower Upper

43 100

58 36.9 29.4 44.0



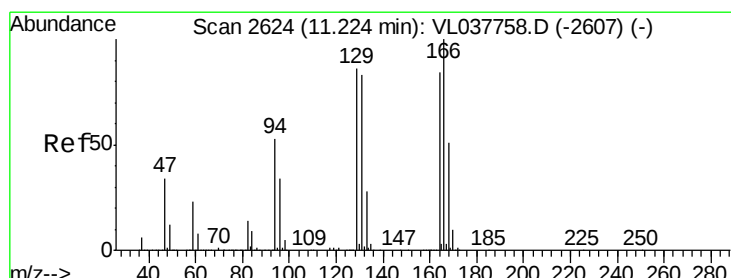
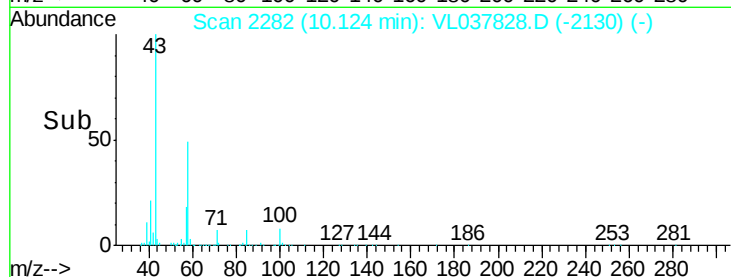
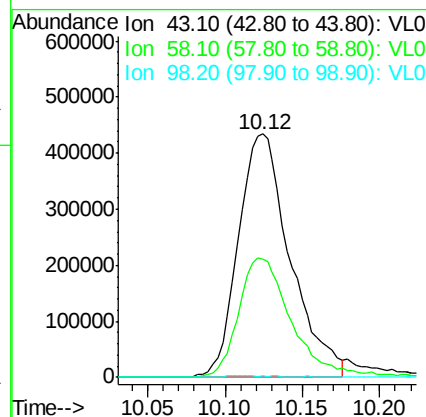
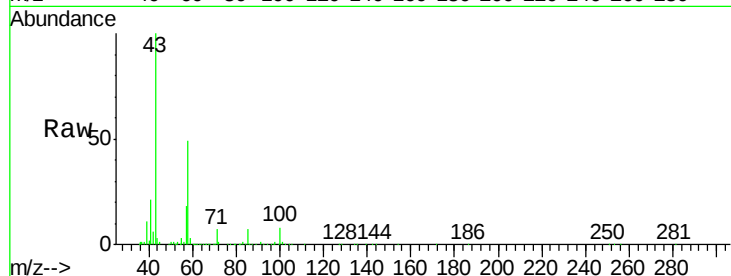


#51
2-Hexanone
Concen: 10.186 ppbv
RT: 10.12 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 11:56

Tot Ion:
Ion Ratio
43 100
58 51.
98 0.

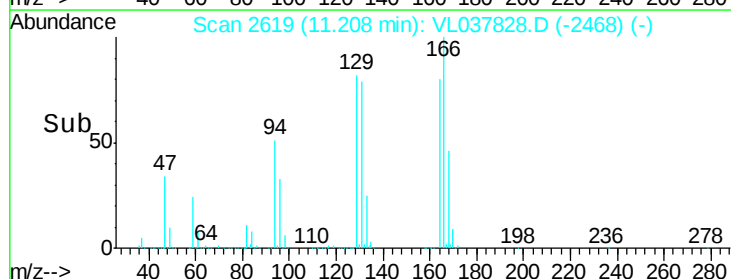
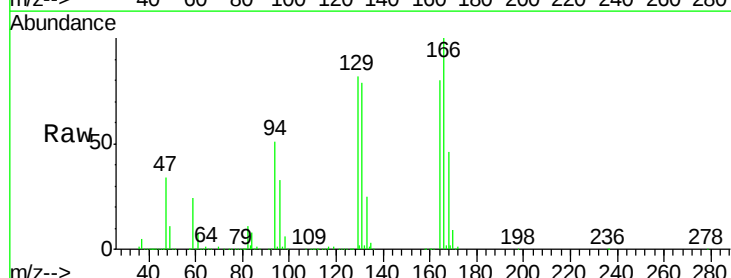
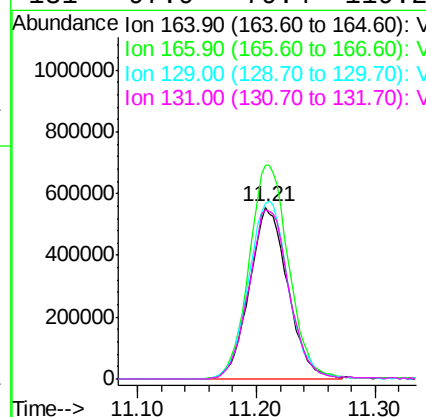
Manual Integrations
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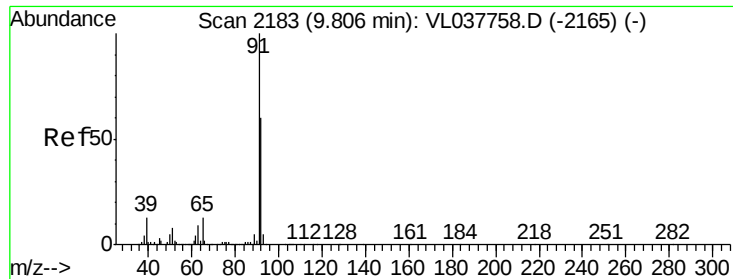
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021



#52
Tetrachloroethene
Concen: 8.860 ppbv
RT: 11.21 min Scan# 2619
Delta R.T.: -0.02 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion:164 Resp: 1237526
Ion Ratio Lower Upper
164 100
166 124.2 95.4 143.2
129 101.9 82.2 123.4
131 97.9 79.4 119.2





#53

Toluene

Concen: 9.960 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 11:56

Tot Ion:

Ion Ratio

91 100

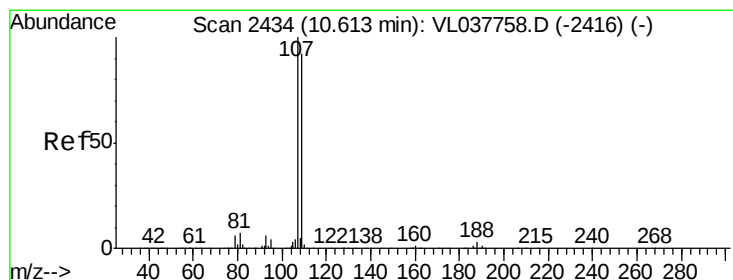
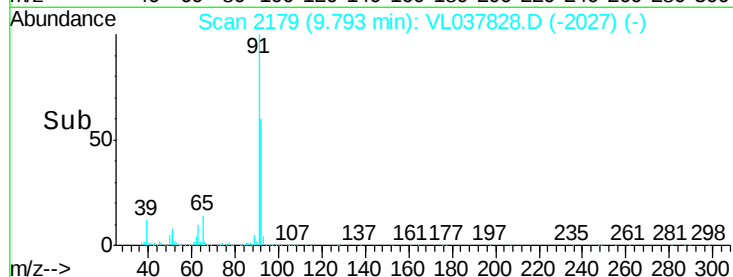
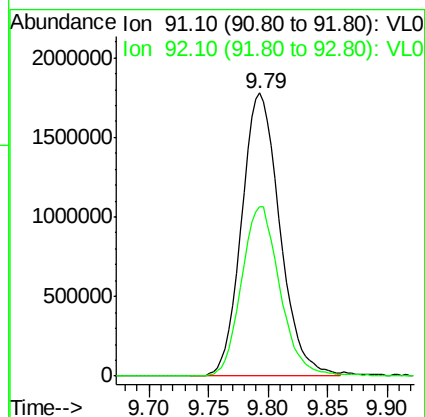
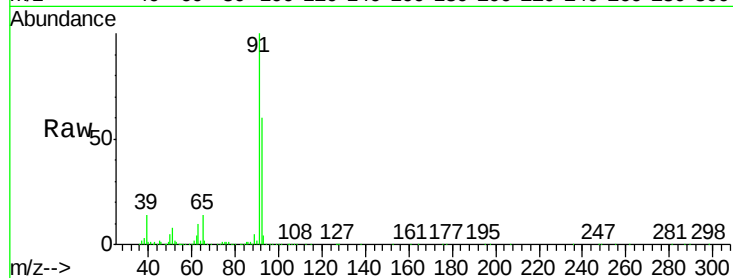
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2021

Supervised By :Mahesh Dadoda 10/15/2021



#54

1,2-Dibromoethane

Concen: 9.695 ppbv

RT: 10.60 min Scan# 2429

Delta R.T. -0.02 min

Lab File: VL037828.D

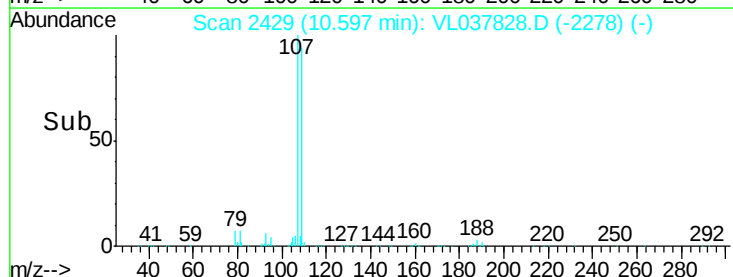
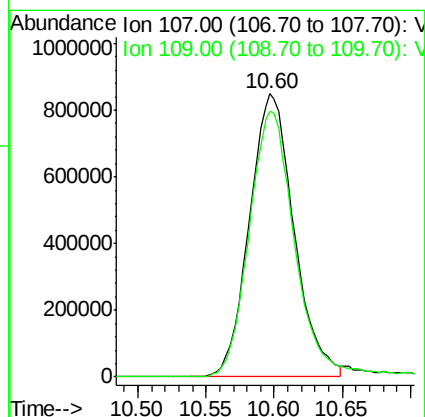
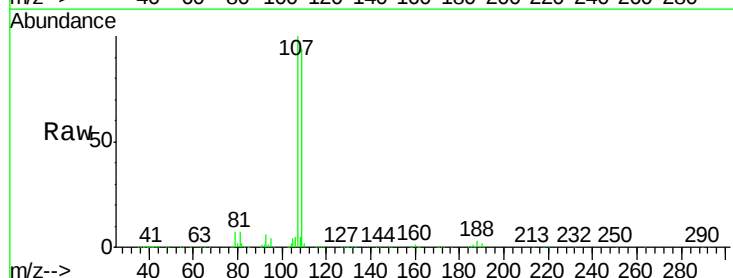
Acq: 12 Oct 2021 11:56

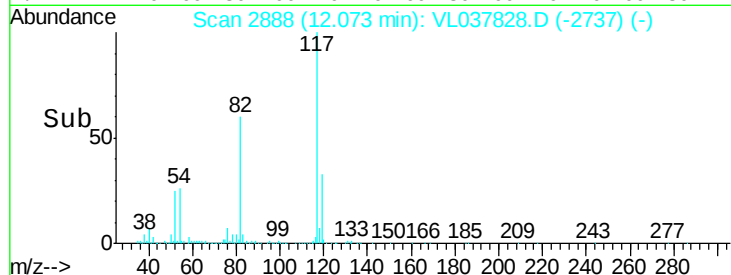
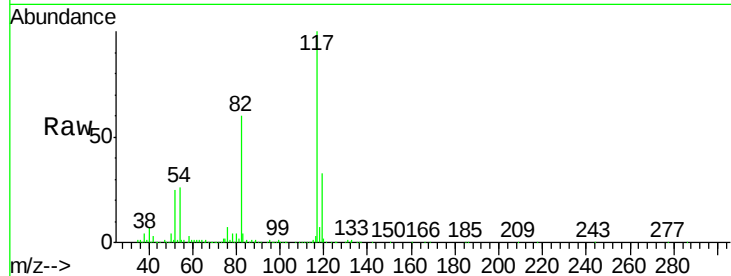
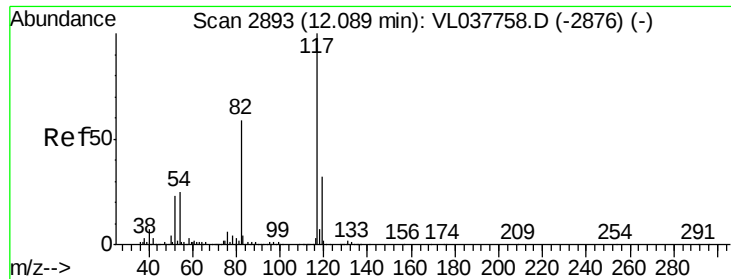
Tgt Ion:107 Resp: 1922537

Ion Ratio Lower Upper

107 100

109 93.6 73.8 110.6



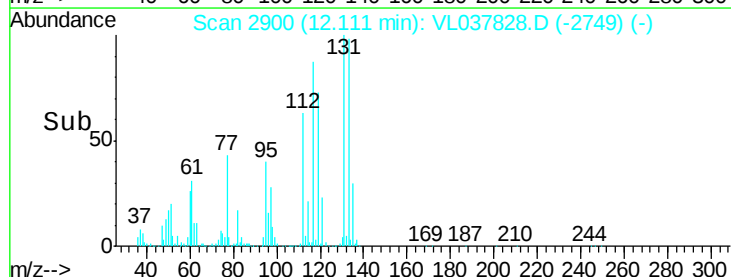
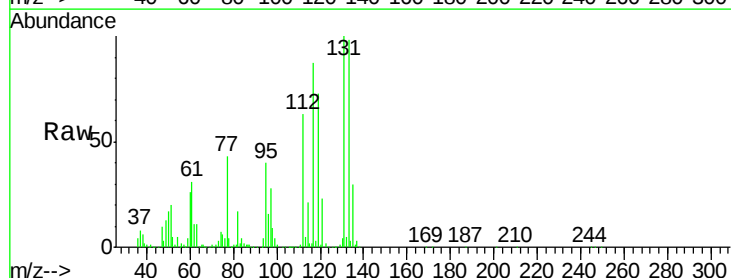
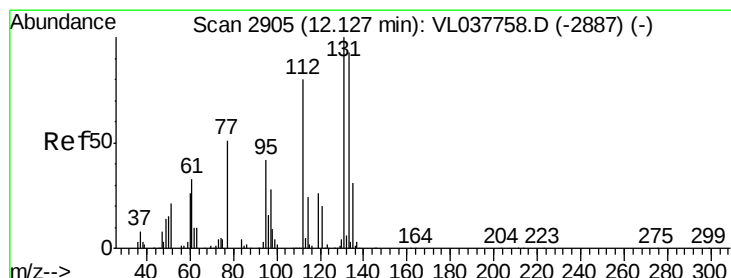
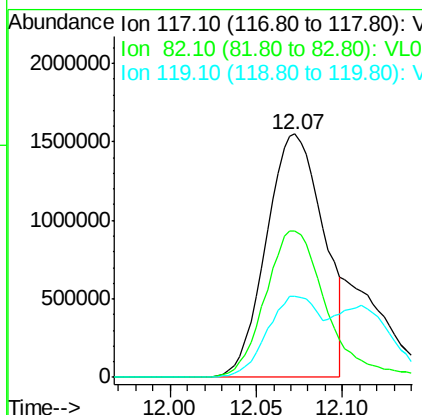


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.07
Instrument: MSVOA_L
Delta R.T.:
Client Sample Id:
Lab File: VSTDCCC010
Acq: 12 Oct 2021 11:50

Tot Ion:1
Ion Rati
117 100
82 66.
119 33.

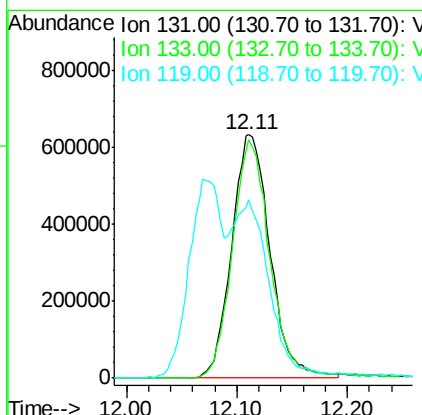
Manual Integrations
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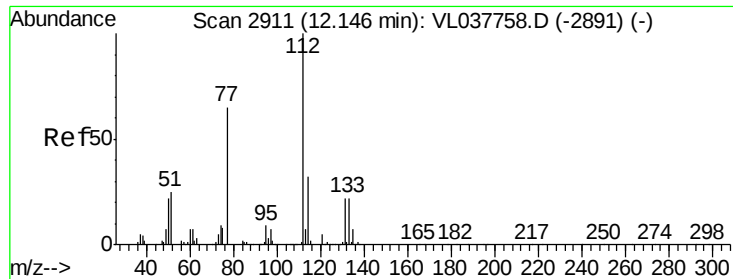
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 10.338 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.02 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion:131 Resp: 1524544
Ion Ratio Lower Upper
131 100
133 96.3 78.5 117.7
119 63.0 51.7 77.5



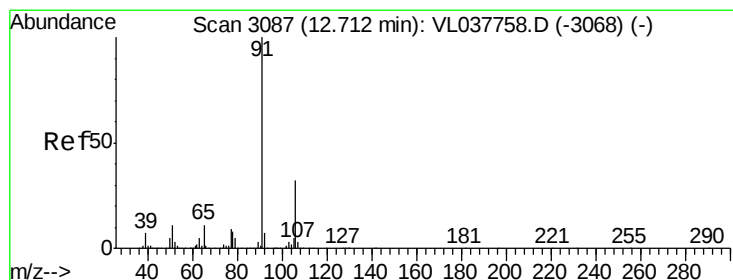
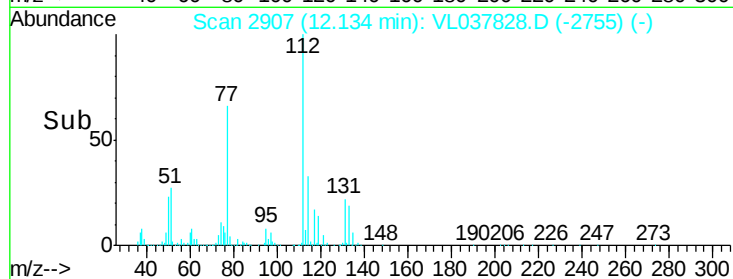
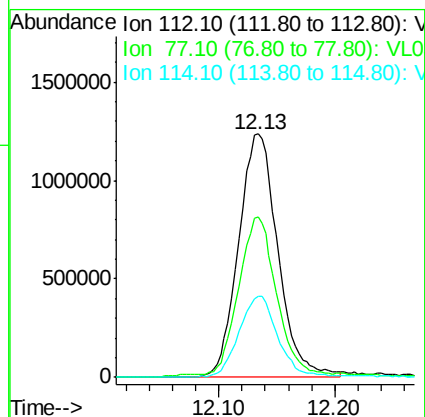
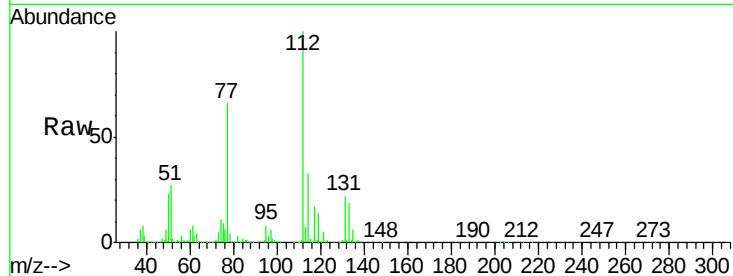


#57
Chlorobenzene
Concen: 9.989 ppbv
RT: 12.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 11:56

Tot Ion: 1
Ion Ratio
112 100
77 65.
114 33.

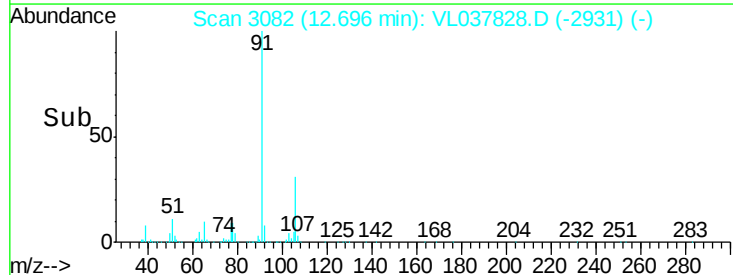
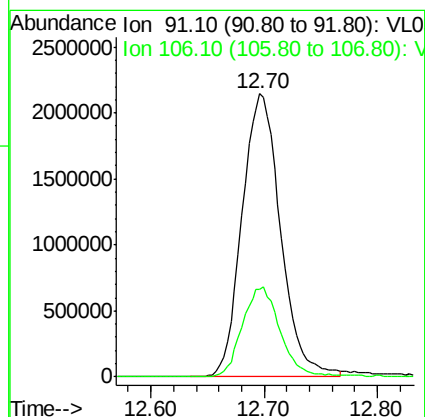
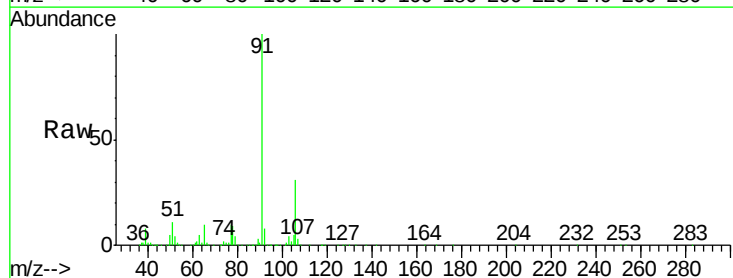
Manual Integrations
APPROVED

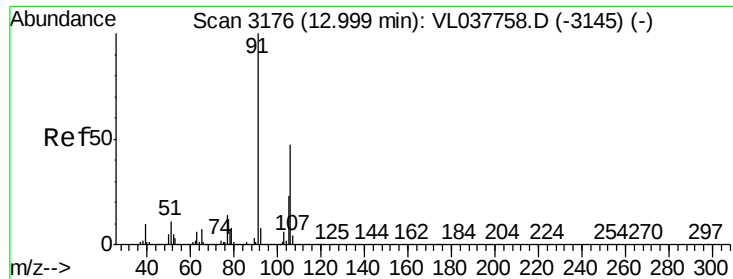
Reviewed By : Semsettin Yesilyurt 10/15/2021
Supervised By : Mahesh Dadoda 10/15/2021



#58
Ethyl Benzene
Concen: 10.612 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.02 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 91 Resp: 5076044
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



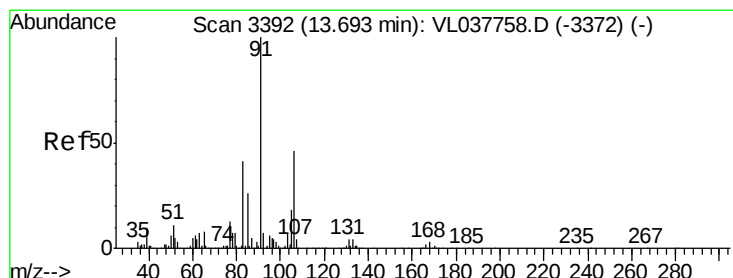
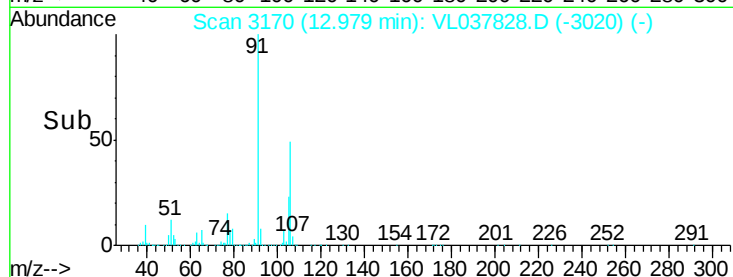
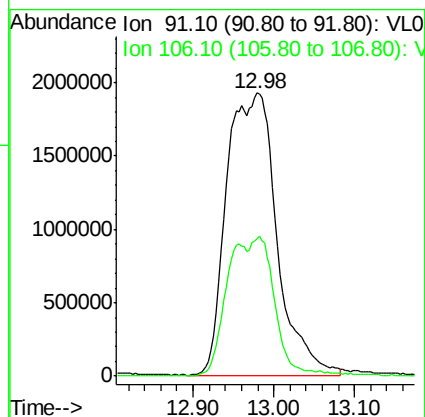
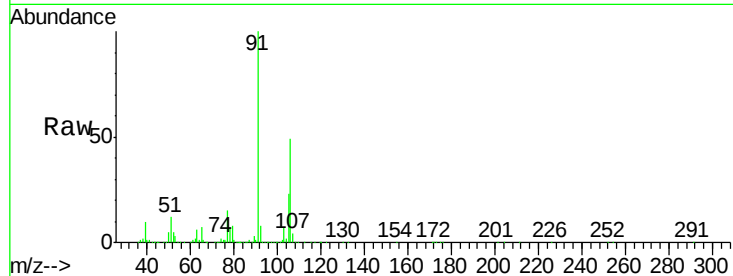


#59
m/p-Xylene
Concen: 20.613 ppbv m
RT: 12.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 12 Oct 2021 11:56

Tot Ion:
Ion Ratio
91 100
106 46.

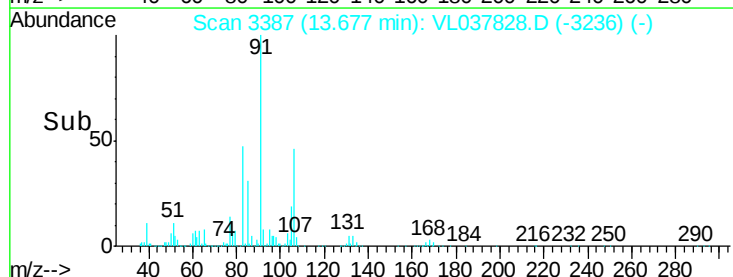
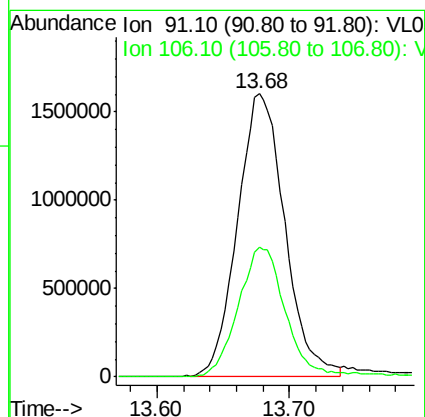
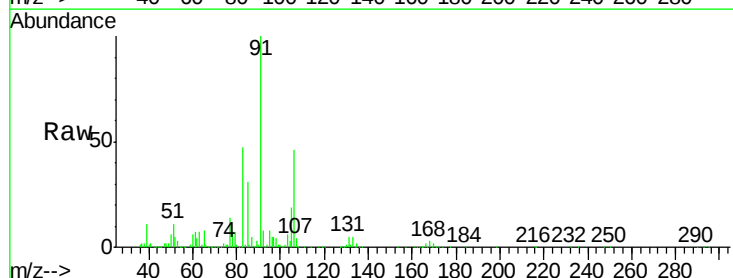
Manual Integrations
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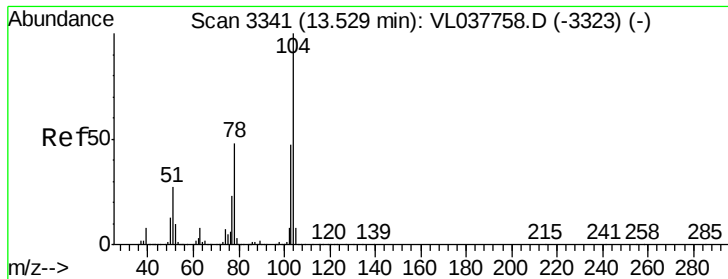
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021



#60
o-Xylene
Concen: 9.991 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.02 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 91 Resp: 3931344
Ion Ratio Lower Upper
91 100
106 47.4 23.5 70.5





#61

Stvrene

Concen: 11.614 ppbv

RT: 13.51

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 11:50

Tot Ion:1

Ion Ratio

104 100

78 50.

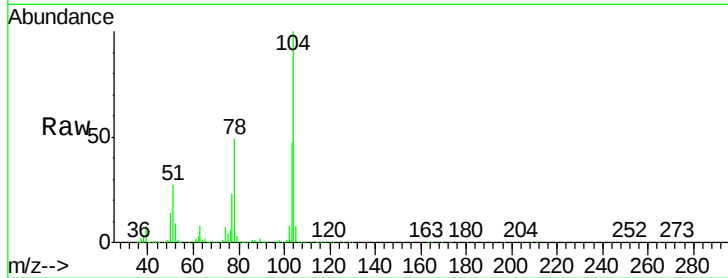
103 49.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2021

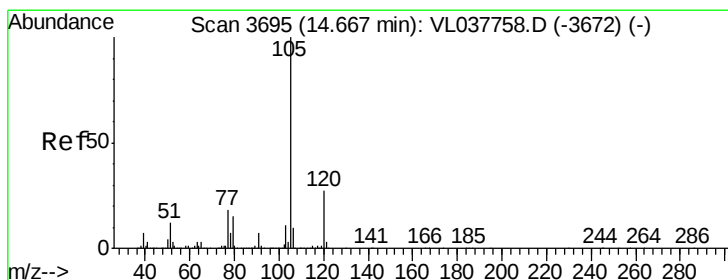
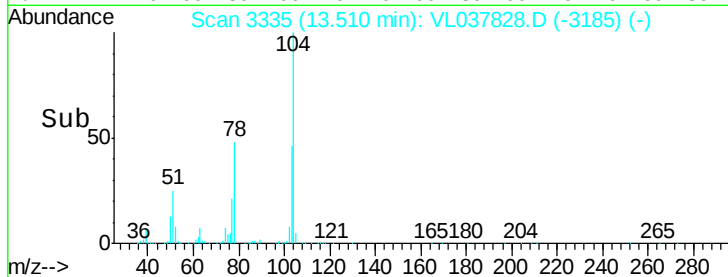
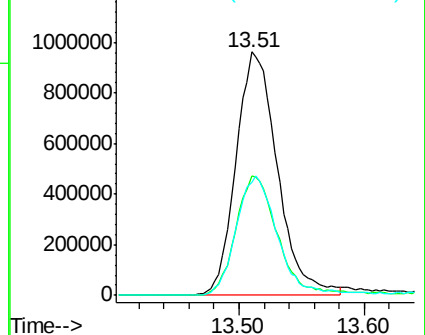
Supervised By :Mahesh Dadoda 10/15/2021



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 10.144 ppbv

RT: 14.65 min Scan# 3691

Delta R.T. -0.01 min

Lab File: VL037828.D

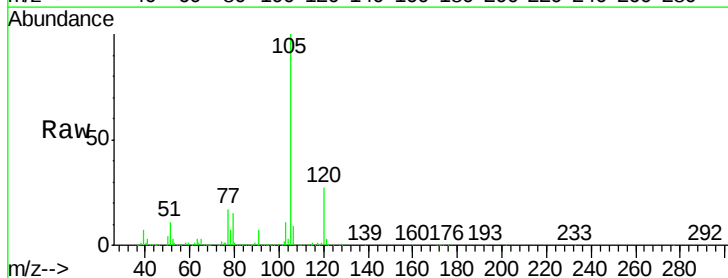
Acq: 12 Oct 2021 11:56

Tgt Ion:105 Resp: 5567814

Ion Ratio Lower Upper

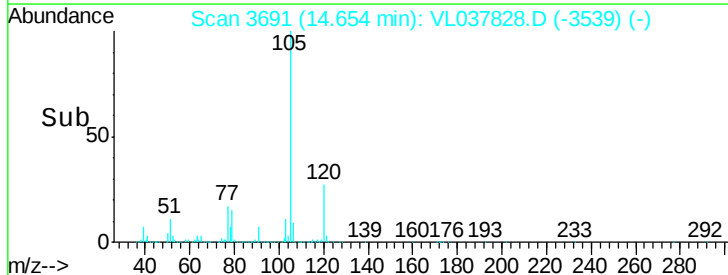
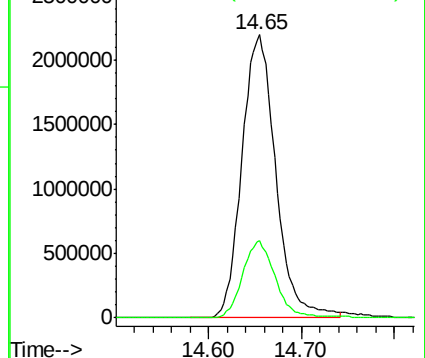
105 100

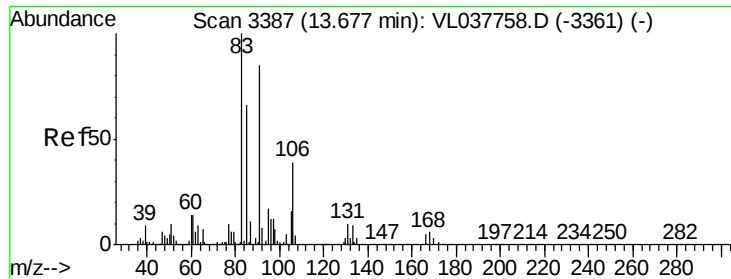
120 26.8 21.3 31.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



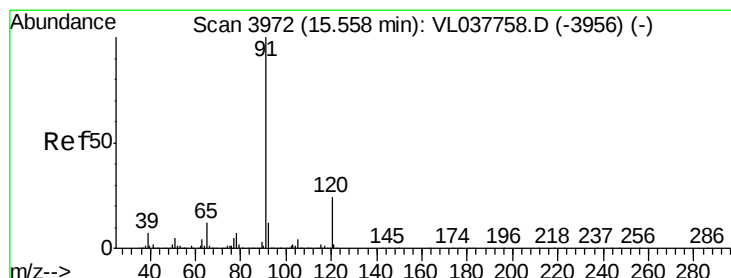
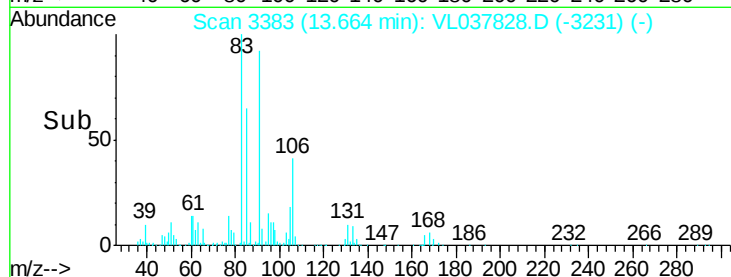
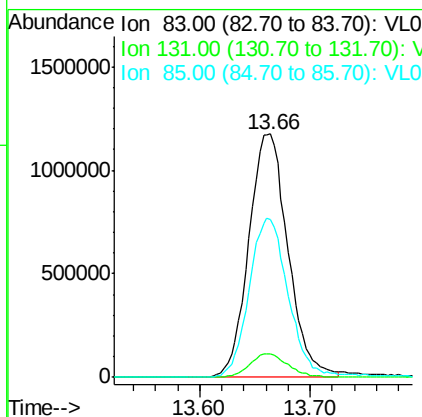
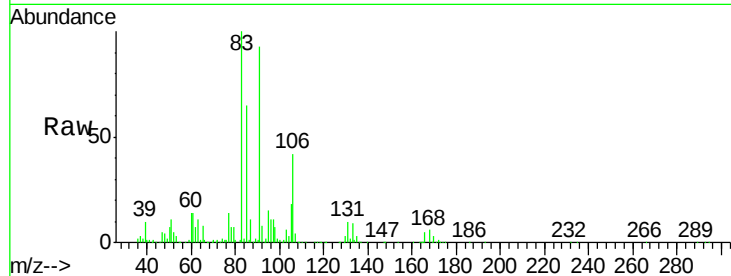


#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.522 ppbv
 RT: 13.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:58

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

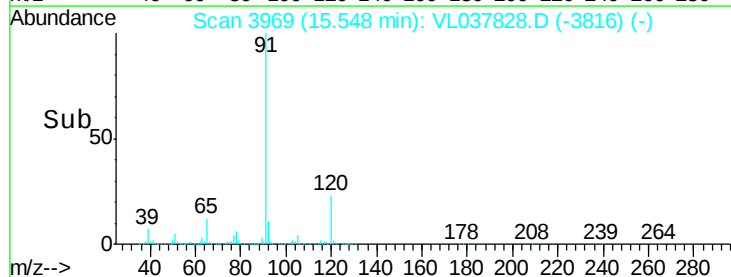
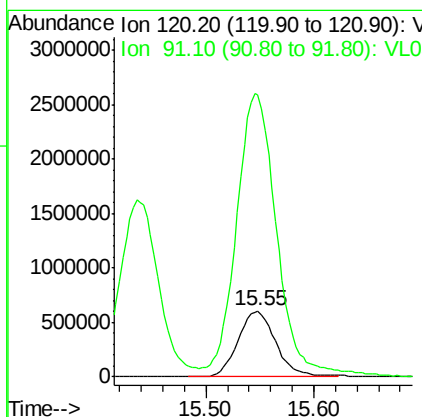
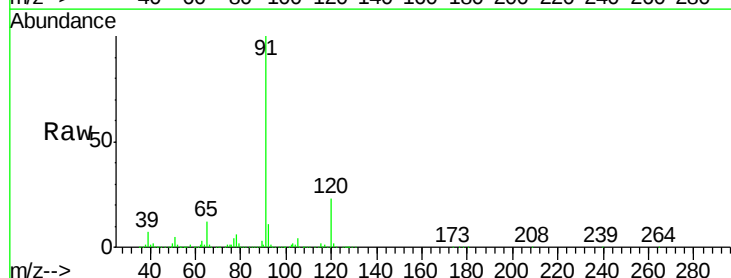
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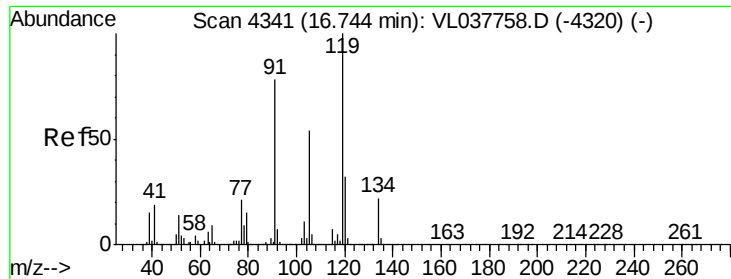
Reviewed By :Semsettin Yesilyurt 10/15/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#64
 n-propylbenzene
 Concen: 10.799 ppbv
 RT: 15.55 min Scan# 3969
 Delta R.T. -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion:120 Resp: 1478056
 Ion Ratio Lower Upper
 120 100
 91 460.3 375.0 562.6



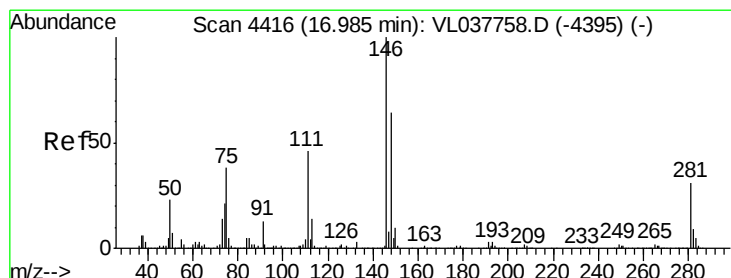
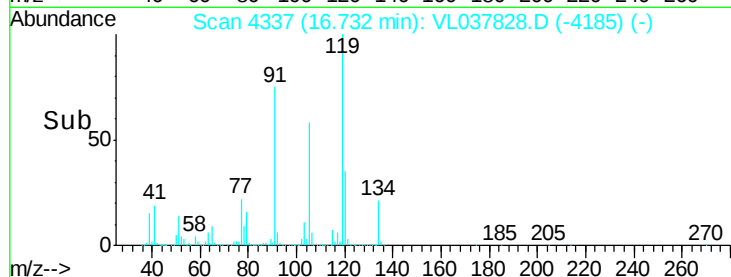
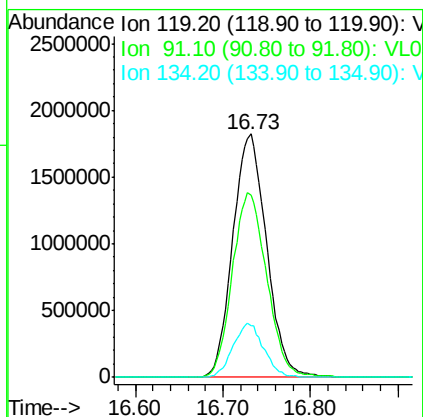
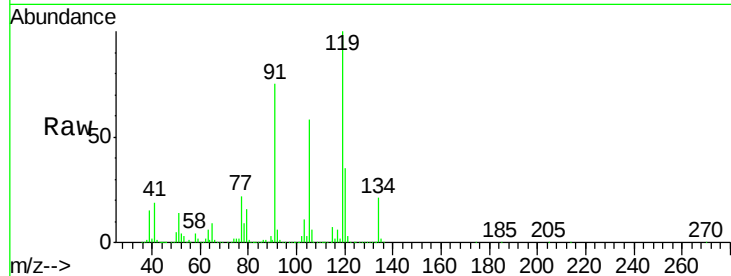


#65
tert-Butylbenzene
Concen: 10.116 ppbv
RT: 16.73 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 12 Oct 2021 11:56

Tot Ion: 1
Ion Ratio
119 100
91 77.
134 20.

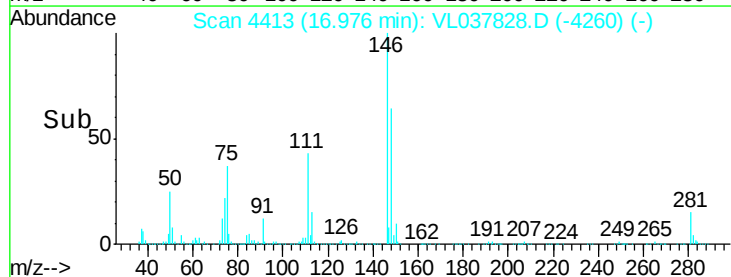
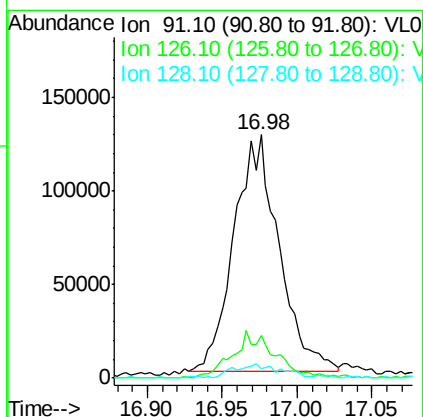
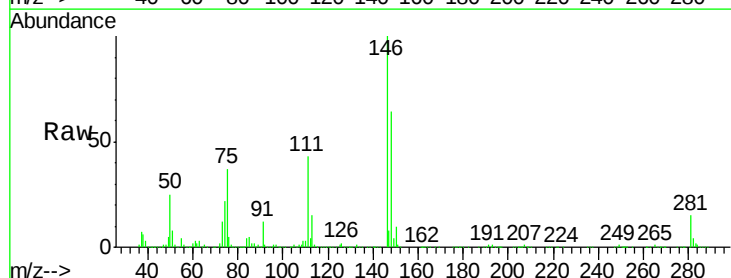
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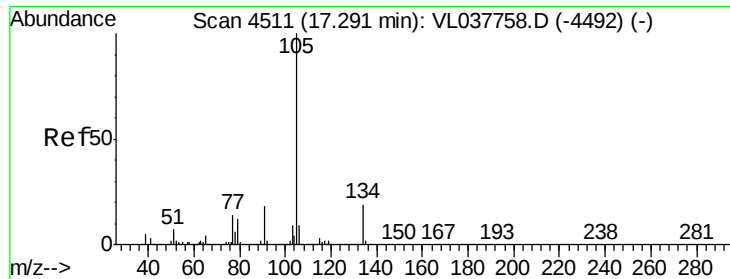
Reviewed By : Semsettin Yesilyurt 10/15/2021
Supervised By : Mahesh Dadoda 10/15/2021



#66
Benzyl Chloride
Concen: 11.065 ppbv
RT: 16.98 min Scan# 4413
Delta R.T.: -0.01 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion: 91 Resp: 263748
Ion Ratio Lower Upper
91 100
126 19.3 0.0 0.0#
128 7.2 5.3 7.9





#67

sec-Butylbenzene

Concen: 10.242 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 11:56

Tot Ion:1

Ion Ratio

105 100

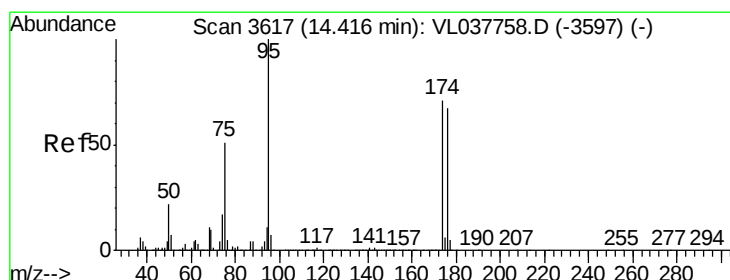
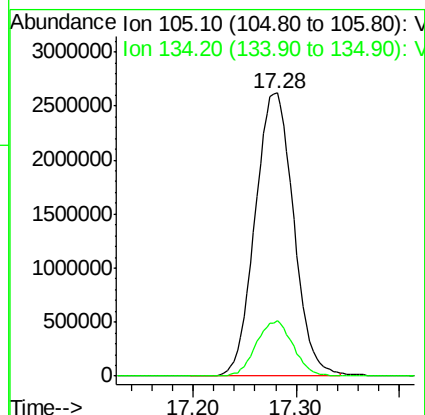
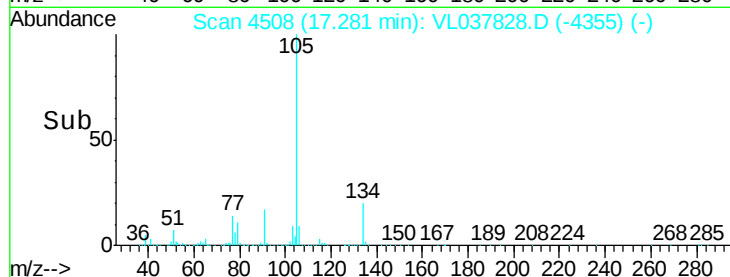
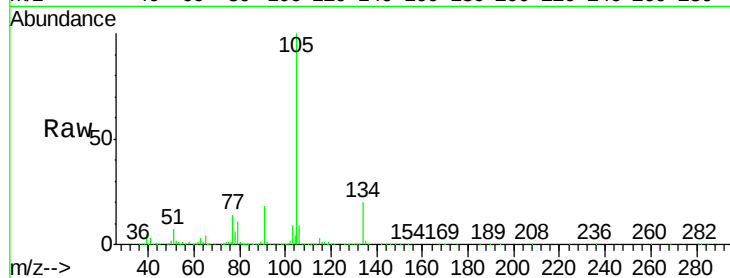
134 19.

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Reviewed By :Semsettin Yesilyurt 10/15/2021

Supervised By :Mahesh Dadoda 10/15/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.751 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.02 min

Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

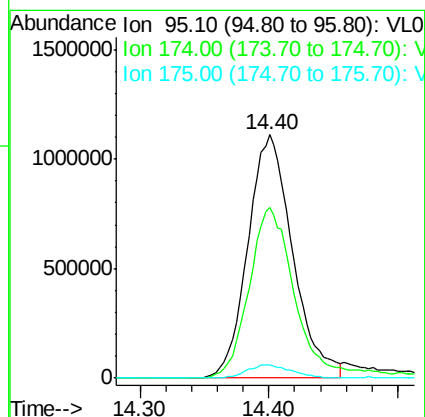
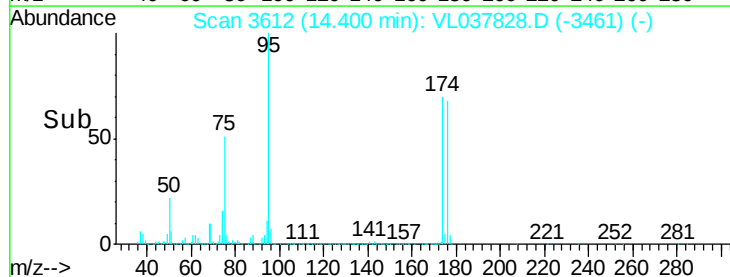
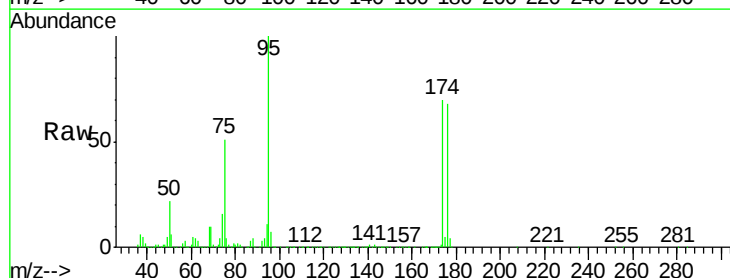
Tgt Ion: 95 Resp: 2678192

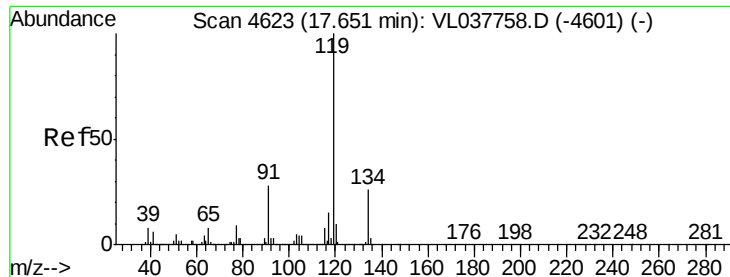
Ion Ratio Lower Upper

95 100

174 75.1 57.8 86.6

175 5.5 4.7 7.1



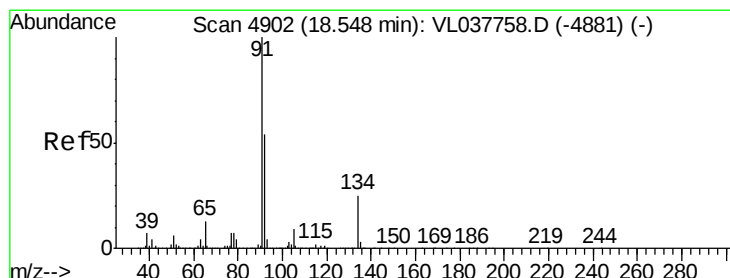
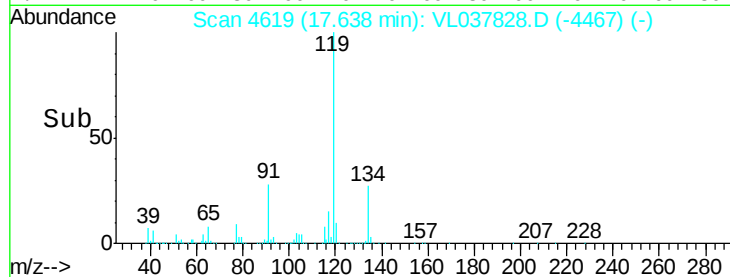
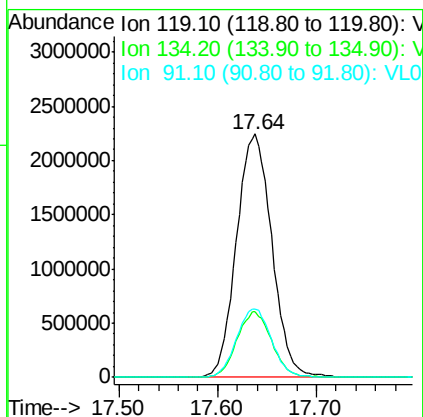
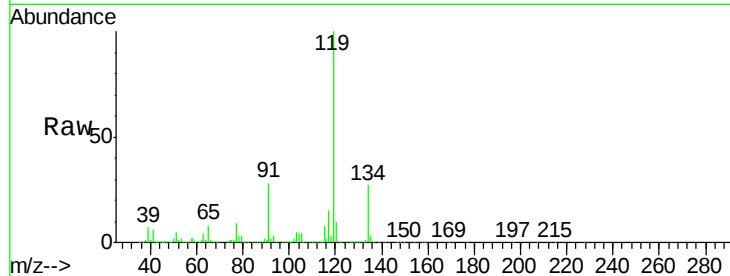


#69
 p-Isopropyltoluene
 Concen: 10.425 ppbv
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:58

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

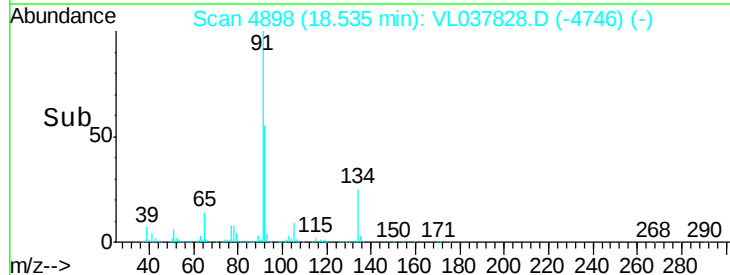
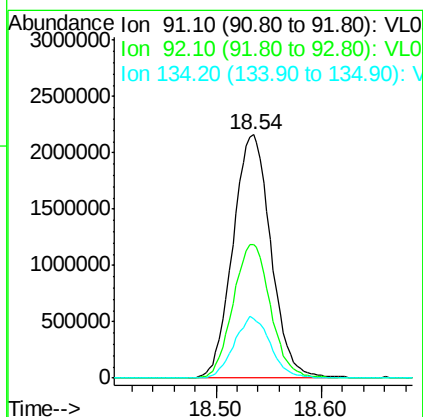
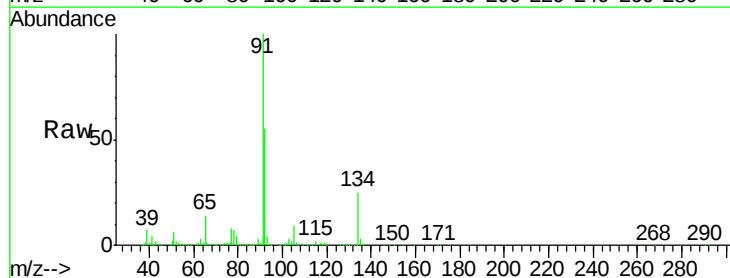
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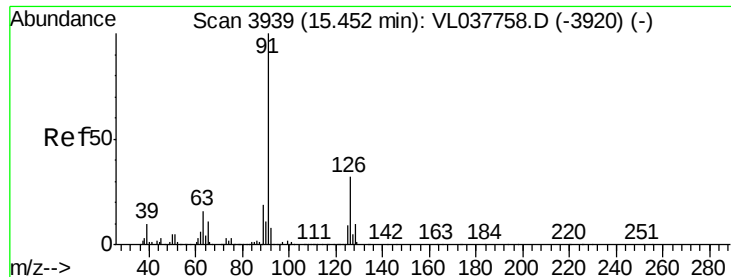
Reviewed By : Semsettin Yesilyurt 10/15/2021
 Supervised By : Mahesh Dadoda 10/15/2021



#70
 n-Butylbenzene
 Concen: 10.633 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T.: -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion: 91 Resp: 5394839
 Ion Ratio Lower Upper
 91 100
 92 54.7 43.4 65.0
 134 24.3 19.8 29.6



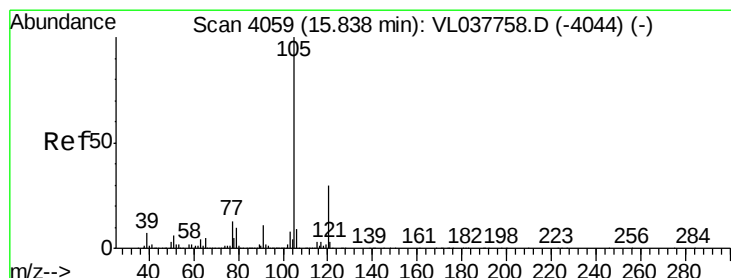
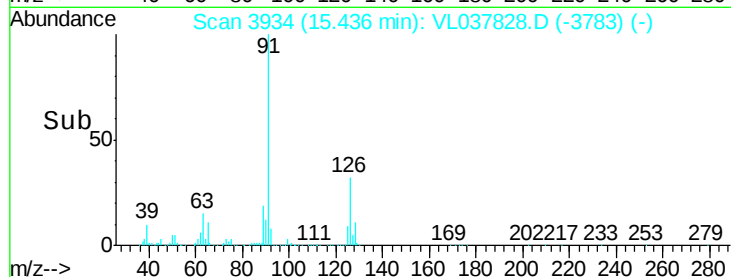
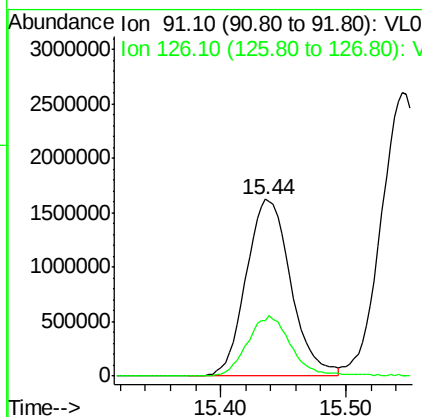
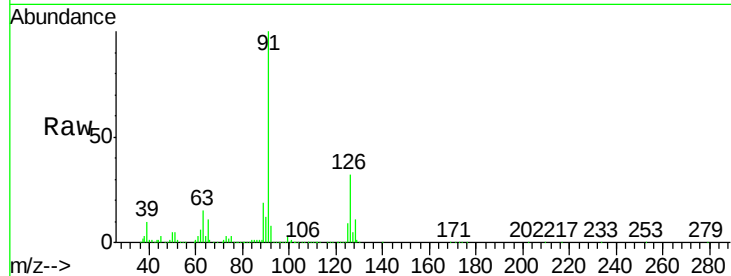


#71
 2-Chlorotoluene
 Concen: 10.408 ppbv
 RT: 15.44
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 12 Oct 2021 11:50

Tot Ion:
 Ion Ratio
 91 100
 126 34.

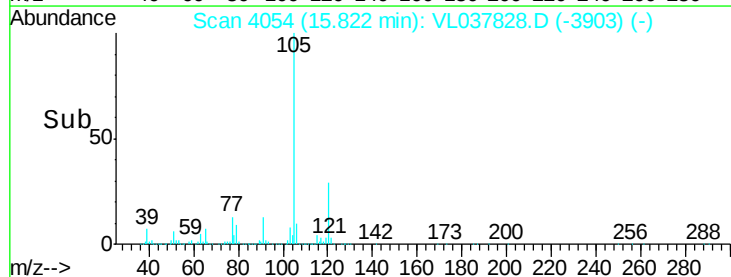
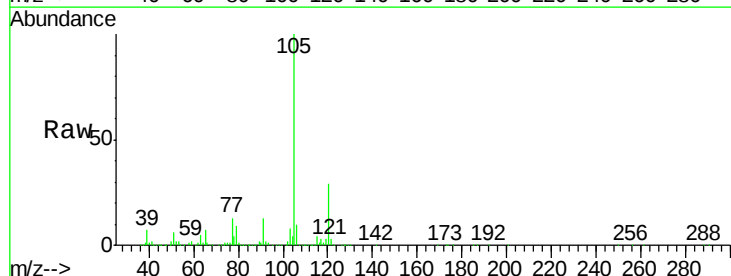
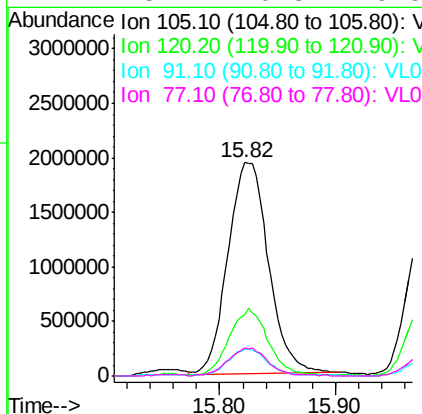
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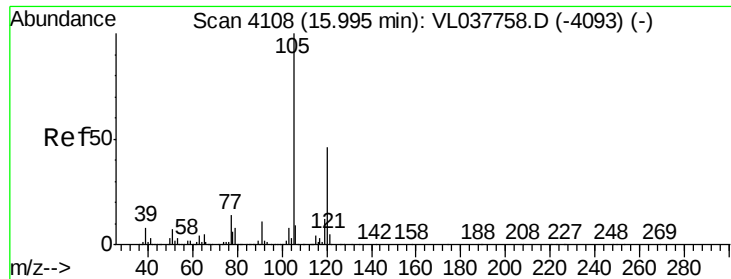
Reviewed By :Semsettin Yesilyurt 10/15/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#72
 4-Ethyltoluene
 Concen: 10.518 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.02 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion:105 Resp: 4699418
 Ion Ratio Lower Upper
 105 100
 120 31.2 24.2 36.2
 91 12.1 10.4 15.6
 77 13.7 10.3 15.5



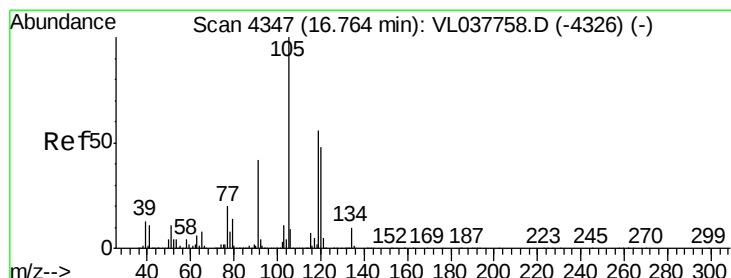
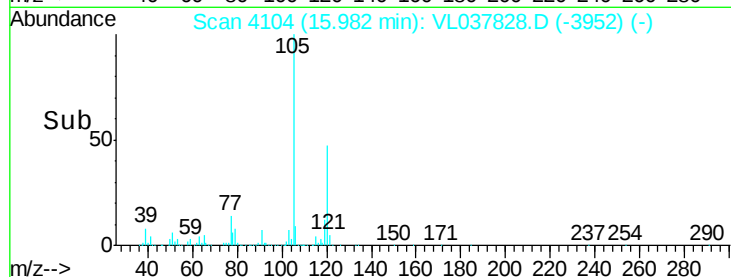
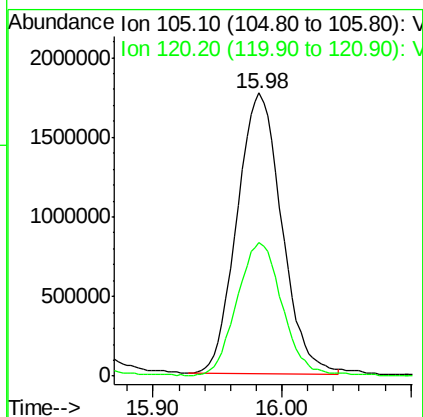
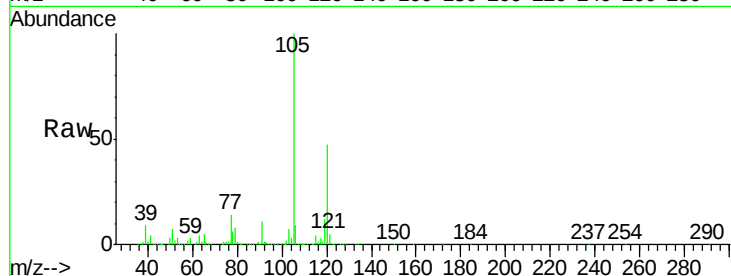


#73
 1,3,5-Trimethylbenzene
 Concen: 10.492 ppbv
 RT: 15.98 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:58

Tot Ion:1
 Ion Rati
 105 100
 120 47.

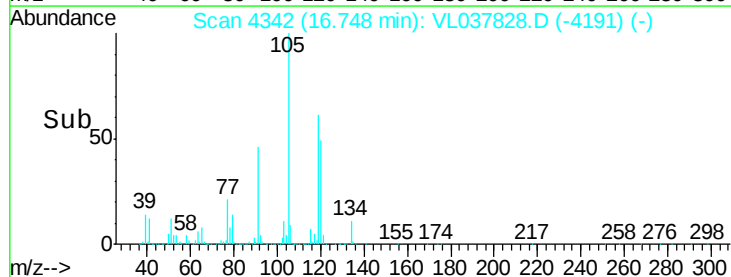
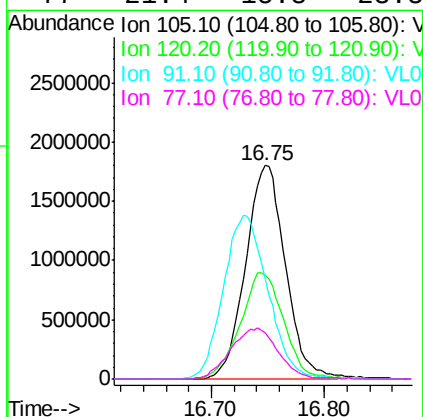
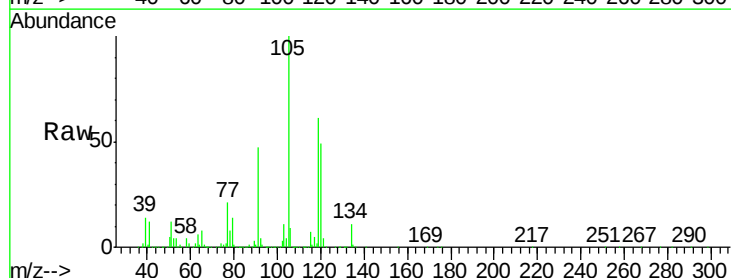
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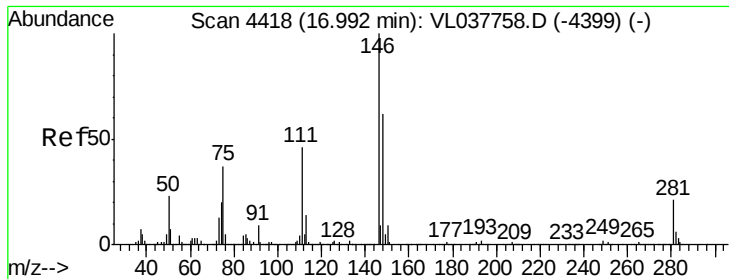
Reviewed By :Semsettin Yesilyurt 10/15/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 10.304 ppbv
 RT: 16.75 min Scan# 4342
 Delta R.T. -0.02 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion:105 Resp: 4391391
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.4 57.6
 91 45.9 34.2 51.2
 77 21.4 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 9.974 ppbv

RT: 16.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 11:50

Tot Ion:1

Ion Rati

146 100

111 46.

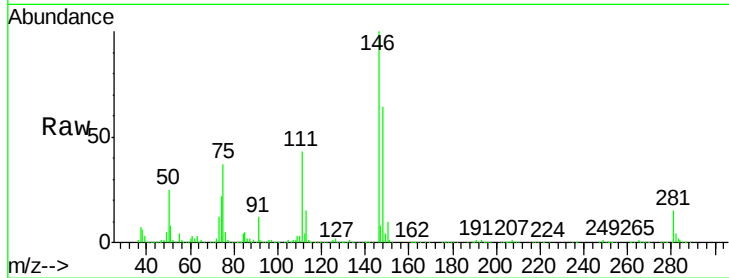
148 66.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2021

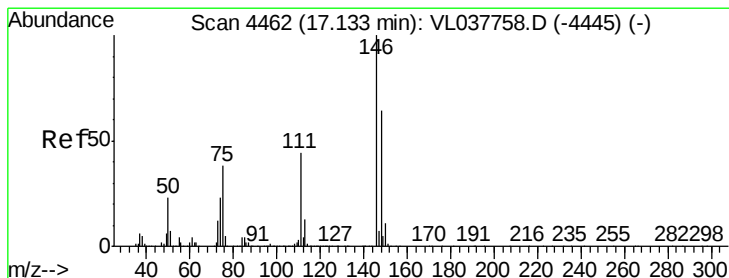
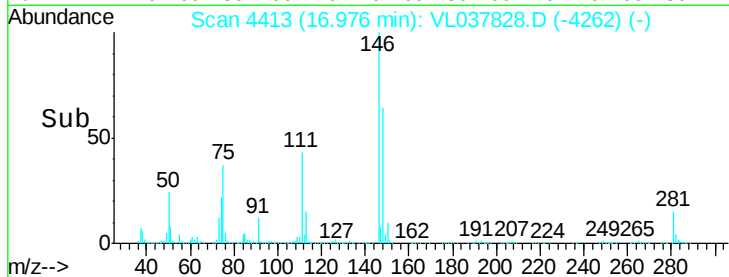
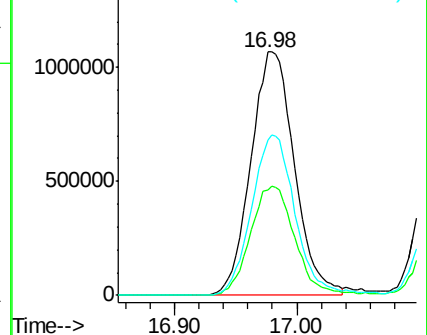
Supervised By :Mahesh Dadoda 10/15/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 10.063 ppbv

RT: 17.12 min Scan# 4458

Delta R.T. -0.01 min

Lab File: VL037828.D

Acq: 12 Oct 2021 11:56

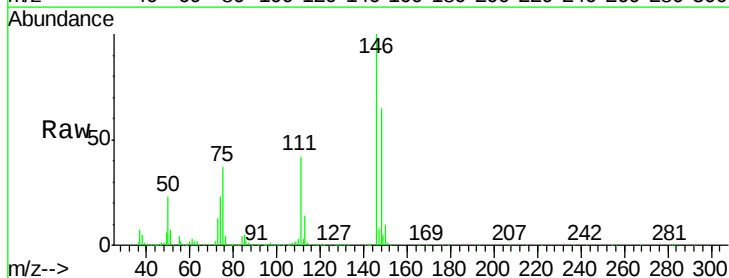
Tgt Ion:146 Resp: 2534690

Ion Ratio Lower Upper

146 100

111 46.2 22.4 67.3

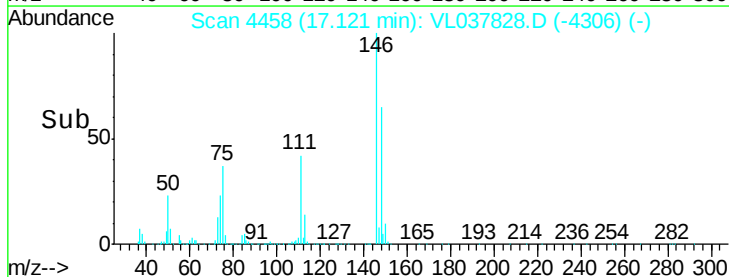
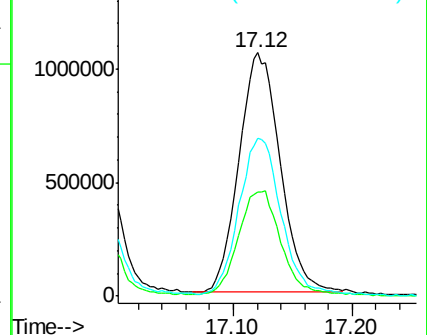
148 68.4 33.3 99.9

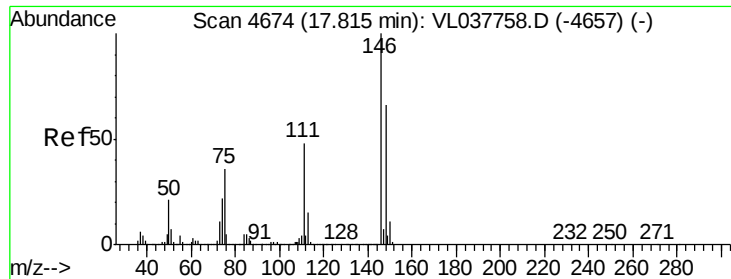


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



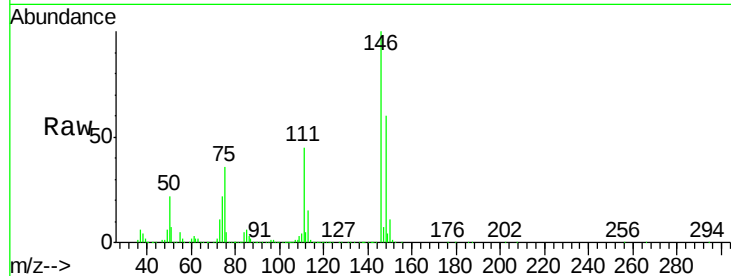


#77
 1,2-Dichlorobenzene
 Concen: 10.180 ppbv
 RT: 17.80 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 12 Oct 2021 11:50

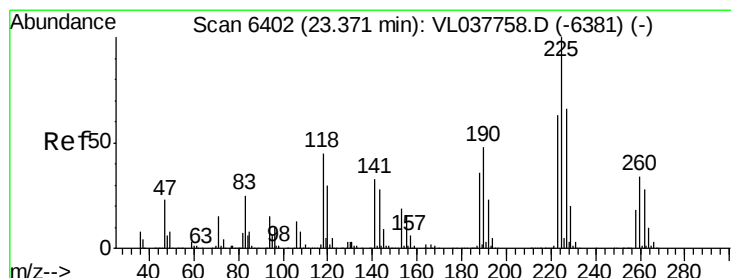
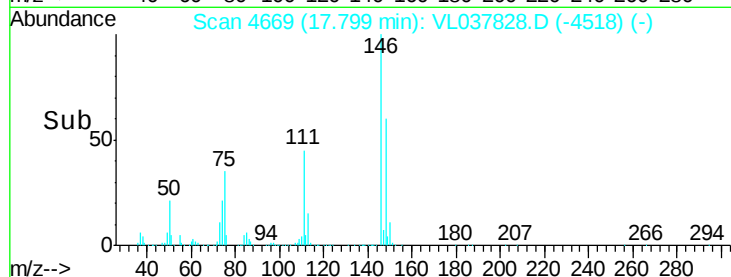
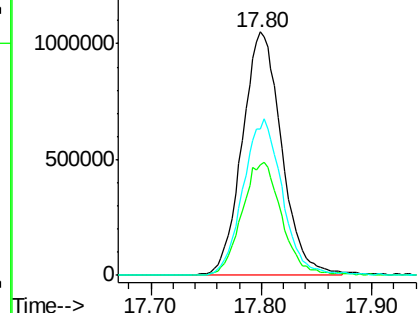
Tot Ion:1
 Ion Ratio
 146 100
 111 47.
 148 64.

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

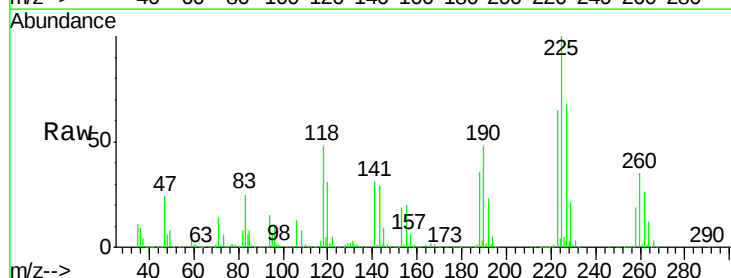


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

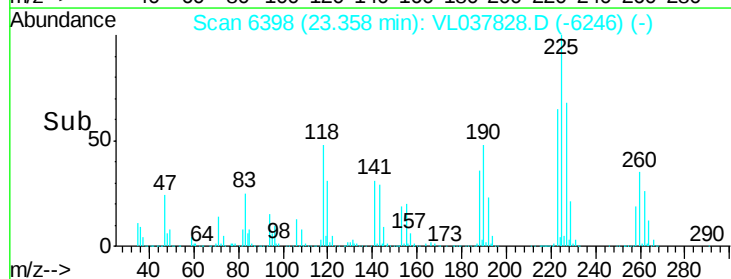
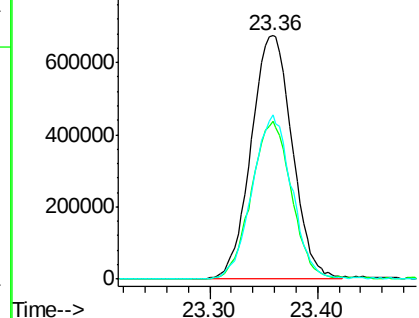


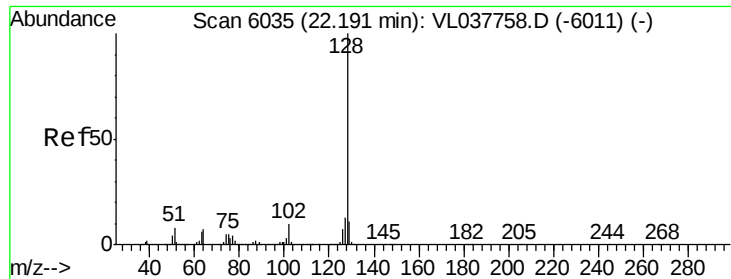
#78
 Hexachloro-1,3-Butadiene
 Concen: 8.622 ppbv
 RT: 23.36 min Scan# 6398
 Delta R.T.: -0.01 min
 Lab File: VL037828.D
 Acq: 12 Oct 2021 11:56

Tgt Ion:225 Resp: 1785766
 Ion Ratio Lower Upper
 225 100
 223 63.6 51.2 76.8
 227 65.0 51.1 76.7



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



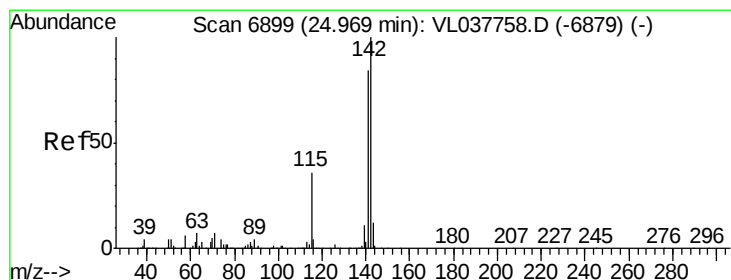
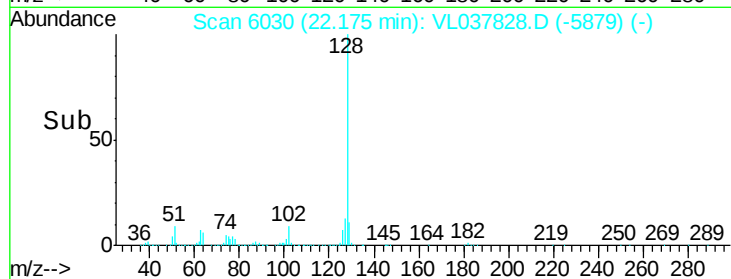
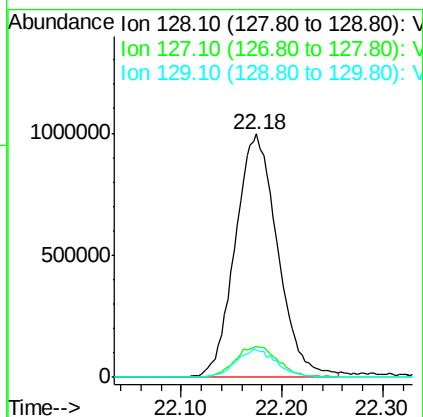
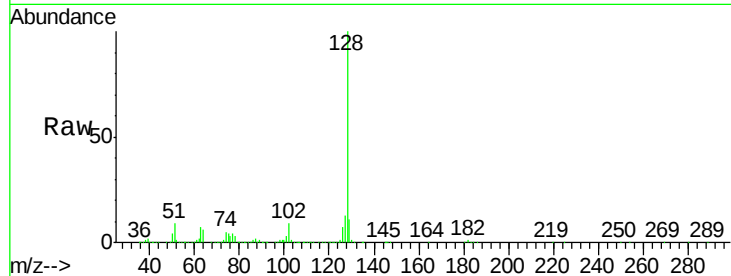


#79
Naphthalene
Concen: 11.065 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 12 Oct 2021 11:56

Tot Ion:1
Ion Ratio
128 100
127 12.
129 11.

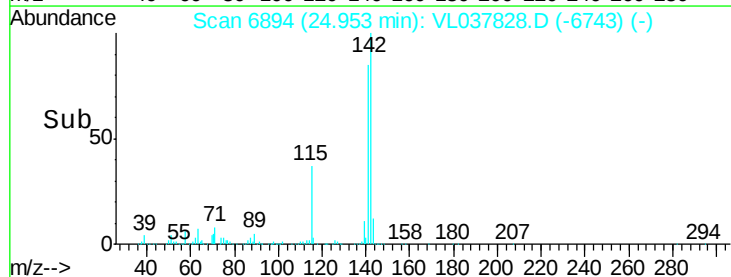
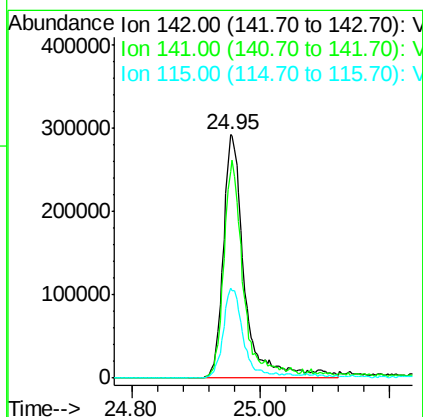
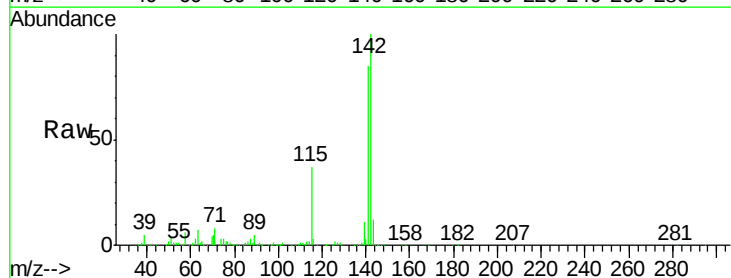
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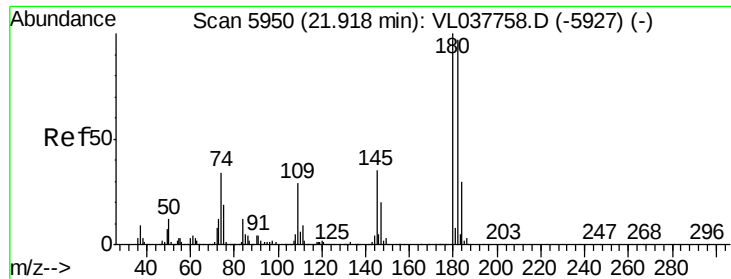
Reviewed By :Semsettin Yesilyurt 10/15/2021
Supervised By :Mahesh Dadoda 10/15/2021



#80
Naphthalene, 2-methyl-
Concen: 9.584 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. -0.02 min
Lab File: VL037828.D
Acq: 12 Oct 2021 11:56

Tgt Ion:142 Resp: 671737
Ion Ratio Lower Upper
142 100
141 86.3 68.6 102.8
115 35.8 29.0 43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.360 ppbv
 RT: 21.90
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 12 Oct 2021 11:50

Tot Ion:1
 Ion Rati
 180 100
 182 99.
 184 31.

Manual Integrations
 APPROVED

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

