

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100421\
 Data File : VL037758.D
 Acq On : 4 Oct 2021 11:14
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

Quant Time: Oct 04 14:49:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1519017	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4431463	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3886940m	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2896944	10.31	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1847412m	6.721	ppbv
3) Chlorodifluoromethane	2.99	51	2647019	9.239	ppbv 99
4) Chloromethane	3.14	50	982014	9.277	ppbv 94
5) Vinyl Chloride	3.26	62	1001209	10.069	ppbv 100
6) Bromomethane	3.47	94	488906	8.460	ppbv 94
7) Chloroethane	3.56	64	349144	9.396	ppbv 95
8) Dichlorotetrafluoroethane	3.19	85	2157620	9.099	ppbv 100
9) Propene	3.01	41	994105m	9.836	ppbv
10) Heptane	8.12	43	2393180	10.148	ppbv 100
11) Trichlorofluoromethane	3.95	101	2027709	9.188	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1491163	9.154	ppbv 99
13) Ethanol	3.61	45	71165	7.199	ppbv 88
14) Bromoethene	3.74	108	660503	8.908	ppbv 96
15) Acetone	3.85	43	1141002	7.230	ppbv 96
16) 1,3-Butadiene	3.33	39	966163	9.797	ppbv 99
17) tert-Butyl alcohol	4.29	59	1451540	10.846	ppbv 99
18) 1,1-Dichloroethene	4.29	96	715888m	9.434	ppbv
19) Isopropyl Alcohol	3.96	45	862629	10.045	ppbv # 93
20) Methylene Chloride	4.35	84	587002	7.791	ppbv 98
21) Allyl Chloride	4.41	41	1148915	9.744	ppbv 96
22) trans-1,2-Dichloroethene	4.89	96	730591	9.569	ppbv 99
23) Vinyl Acetate	5.07	43	1900347	8.701	ppbv # 99
24) 1,1-Dichloroethane	5.01	63	1399276	8.944	ppbv 99
25) Ethyl Acetate	5.68	43	3705167	9.693	ppbv 100
26) Hexane	5.69	57	1770550	9.751	ppbv 99
27) Carbon Disulfide	4.55	76	1734830	10.444	ppbv 99
28) Methyl tert-Butyl Ether	5.03	73	1456525	9.107	ppbv 99
29) Chloroform	5.75	83	2458548	9.273	ppbv 99
30) Cyclohexane	7.13	84	1483866	9.555	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1637157	9.932	ppbv 96
32) 1,1,1-Trichloroethane	6.51	97	2398637	9.717	ppbv 99
34) 2-Butanone	5.25	43	1674306	9.297	ppbv 99
35) Carbon Tetrachloride	7.02	117	2462933	9.825	ppbv 99
36) Benzene	6.89	78	3691624	9.990	ppbv 100
37) 1,2-Dichloroethane	6.31	62	1754200	9.652	ppbv 100
38) Trichloroethene	7.83	130	1416418	9.176	ppbv 96
39) 1,2-Dichloropropane	7.61	63	1411159	9.970	ppbv 98
40) 1,4-Dioxane	7.83	88	319177	9.271	ppbv # 1
41) Tetrahydrofuran	6.05	42	886955	10.477	ppbv 99
42) Bromodichloromethane	7.79	83	2625265	10.079	ppbv 99
43) Methyl Methacrylate	8.01	69	1313337	10.683	ppbv 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100421\
 Data File : VL037758.D
 Acq On : 4 Oct 2021 11:14
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICCC010

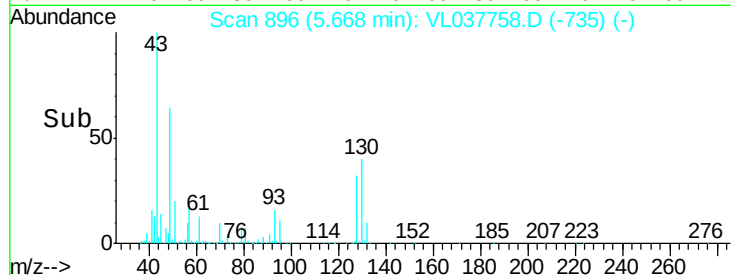
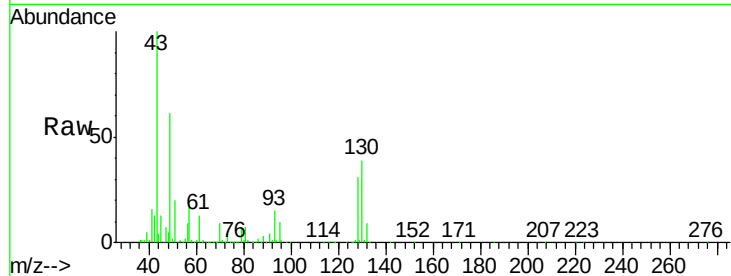
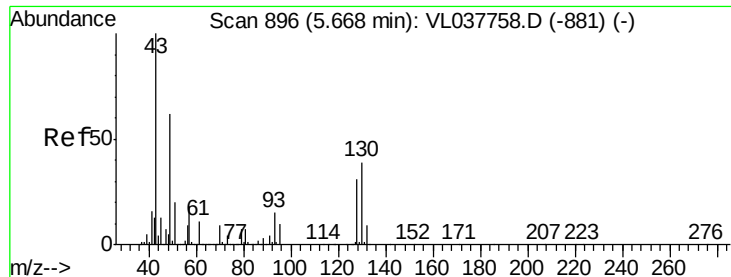
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

Quant Time: Oct 04 14:49:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	6084151	9.794	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	965539	9.999	ppbv	97
46) cis-1,3-Dichloropropene	8.71	75	1331783	10.210	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	1494246	9.544	ppbv	97
48) Dibromochloromethane	10.30	129	2331117	10.673	ppbv	99
49) Bromoform	13.04	173	1913717	10.947	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2414485	10.563	ppbv	100
51) 2-Hexanone	10.14	43	1159919	11.502	ppbv #	100
52) Tetrachloroethene	11.22	164	1325090	9.341	ppbv	97
53) Toluene	9.81	91	4223184	10.282	ppbv	99
54) 1,2-Dibromoethane	10.61	107	2068872	9.651	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	1581121	9.807	ppbv	96
57) Chlorobenzene	12.15	112	3067889	9.494	ppbv	100
58) Ethyl Benzene	12.71	91	5360065	10.388	ppbv	100
59) m/p-Xylene	13.00	91	8943521m	19.890	ppbv	
60) o-Xylene	13.69	91	4165599	9.734	ppbv	98
61) Styrene	13.53	104	2358307	11.175	ppbv	98
62) Isopropylbenzene	14.67	105	5874158	9.825	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	3006166	8.975	ppbv	100
64) n-propylbenzene	15.56	120	1518768	9.844	ppbv	85
65) tert-Butylbenzene	16.74	119	5056527	9.380	ppbv	99
66) Benzyl Chloride	16.99	91	284503m	9.658	ppbv	
67) sec-Butylbenzene	17.29	105	7059282	9.653	ppbv	99
69) p-Isopropyltoluene	17.65	119	5806329	9.718	ppbv	100
70) n-Butylbenzene	18.55	91	5634210	9.966	ppbv	99
71) 2-Chlorotoluene	15.45	91	4239399	9.895	ppbv	98
72) 4-Ethyltoluene	15.84	105	5032012	10.243	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4454351	9.727	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	4604363	9.546	ppbv	99
75) 1,3-Dichlorobenzene	16.99	146	2779042	9.274	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2725090	9.220	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2670853	9.397	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1910868	7.988	ppbv	99
79) Naphthalene	22.19	128	3157273	10.661	ppbv	98
80) Naphthalene,2-methyl-	24.97	142	824420	12.179	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	1877711	9.875	ppbv	99

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

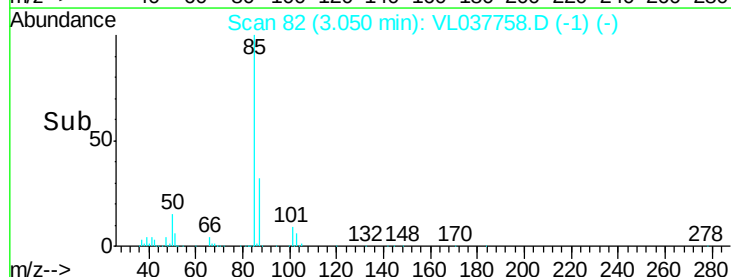
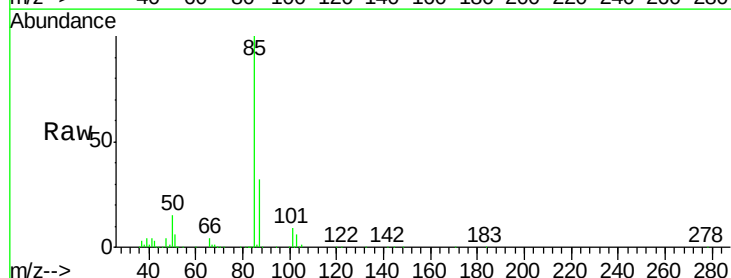
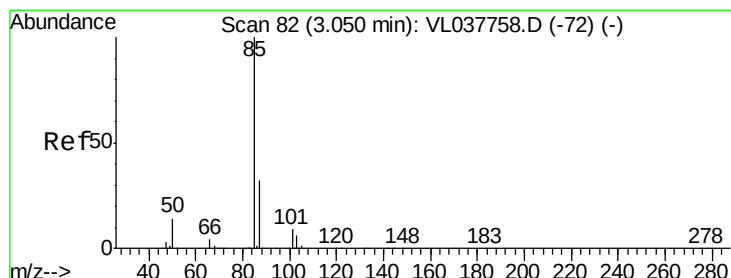
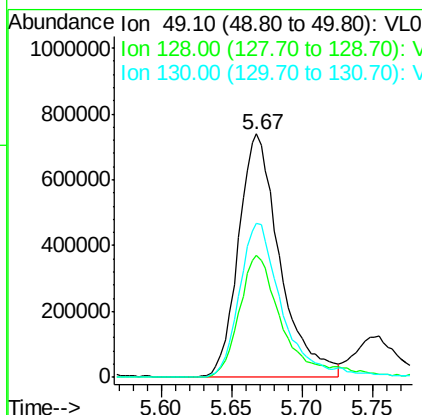


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 4 Oct 2021 11:14

Tot Ion:
Ion Ratio
49 100
128 54.
130 66.

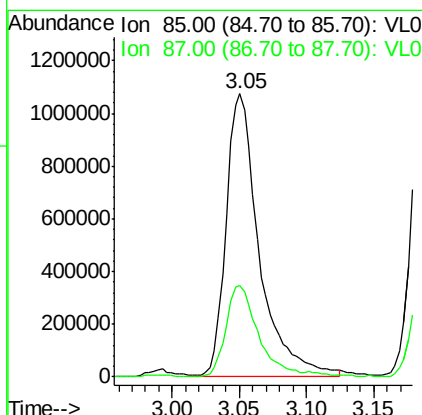
Manual Integrations
APPROVED

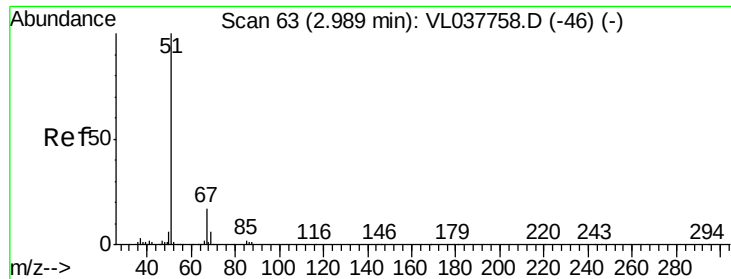
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#2
Dichlorodifluoromethane
Concen: 6.721 ppbv m
RT: 3.05 min Scan# 82
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 85 Resp: 1847412
Ion Ratio Lower Upper
85 100
87 32.2 26.8 40.2





#3

Chlorodifluoromethane

Concen: 9.239 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Oct 2021 11:14 VSTDICCC010

Tot Ion:

Ion Ratio

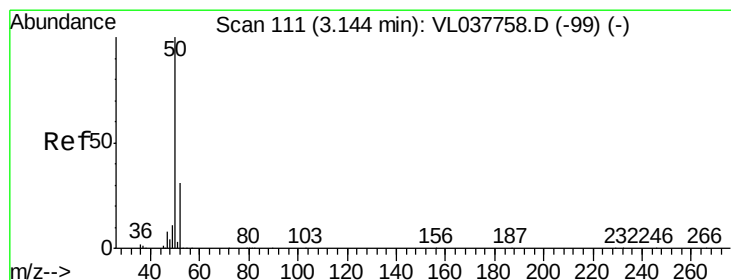
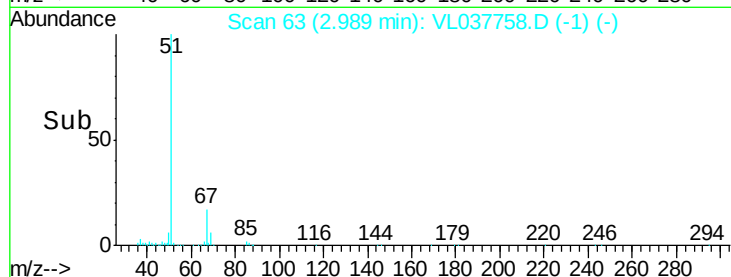
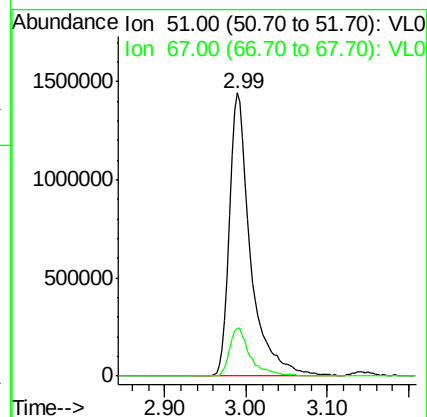
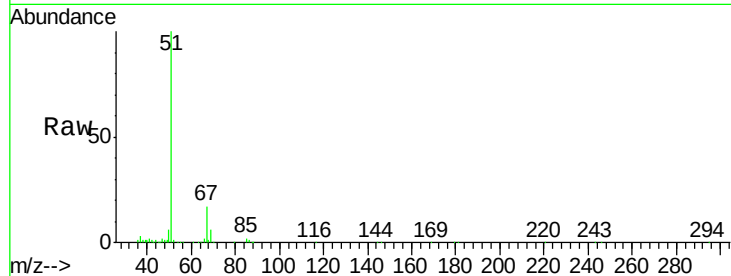
51 100

67 16.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#4

Chloromethane

Concen: 9.277 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: VL037758.D

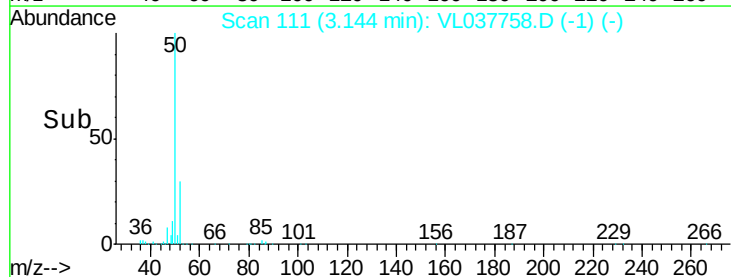
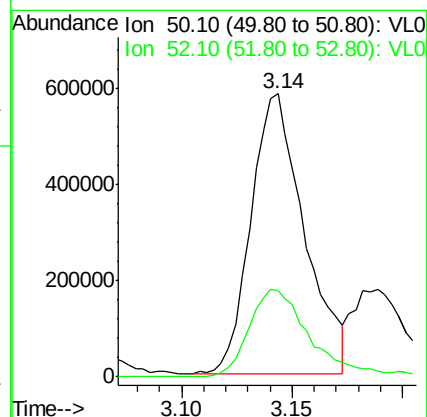
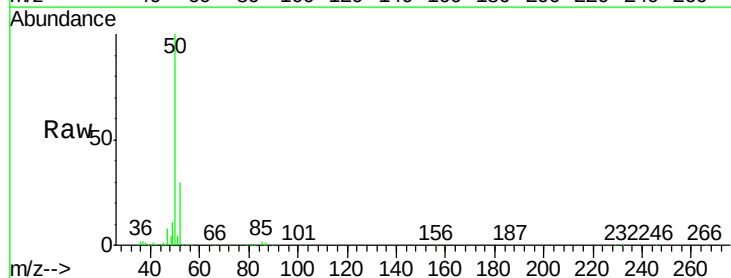
Acq: 4 Oct 2021 11:14

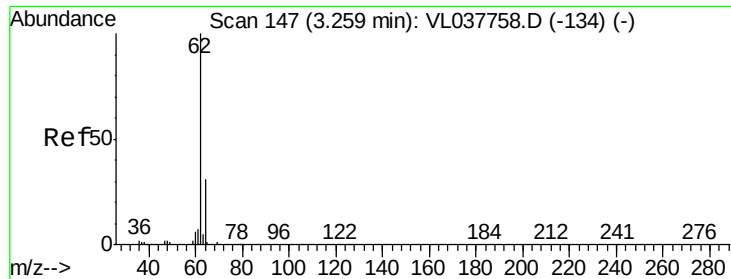
Tgt Ion: 50 Resp: 982014

Ion Ratio Lower Upper

50 100

52 30.5 27.1 40.7





#5

Vinyl Chloride

Concen: 10.069 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Oct 2021 11:14 VSTDICCC010

Tot Ion:

Ion Ratio

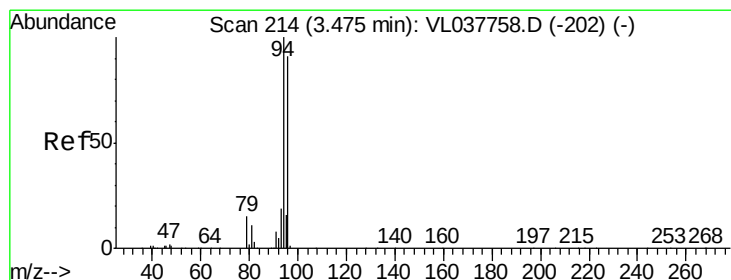
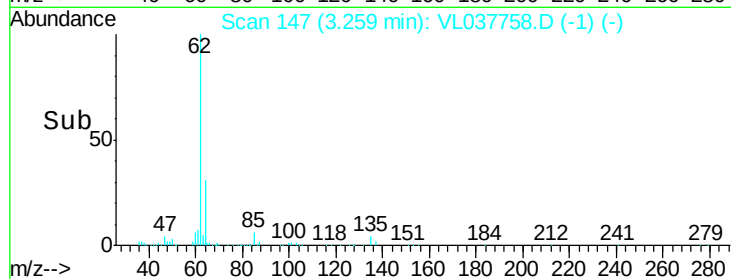
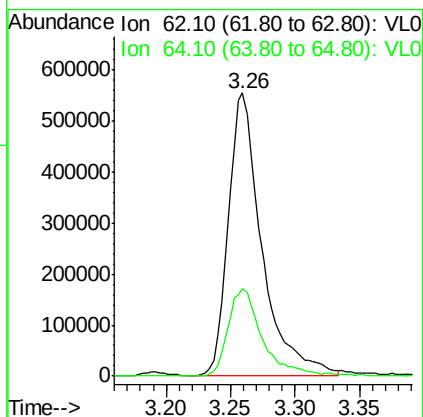
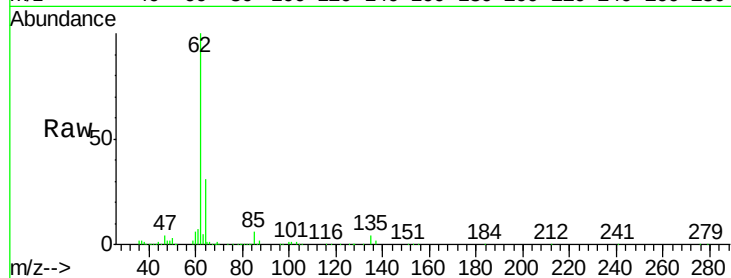
62 100

64 31.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#6

Bromomethane

Concen: 8.460 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.01 min

Lab File: VL037758.D

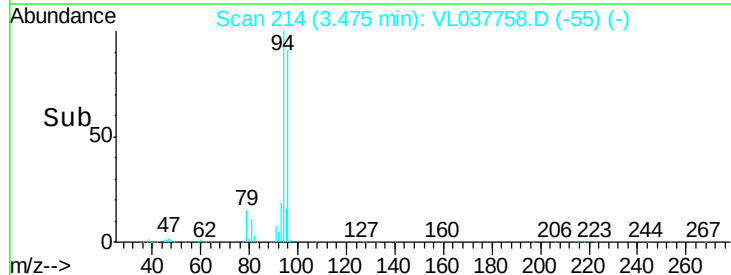
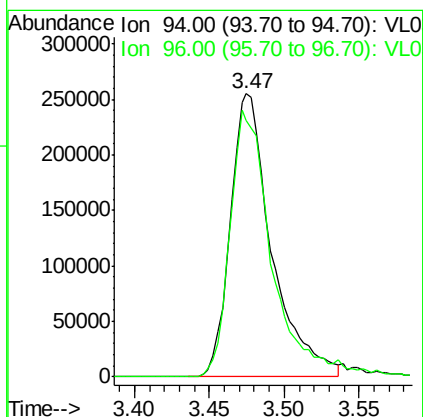
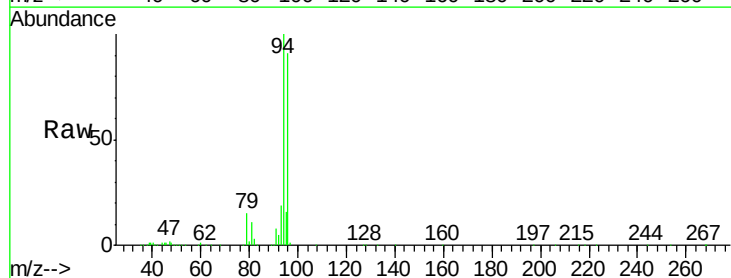
Acq: 4 Oct 2021 11:14

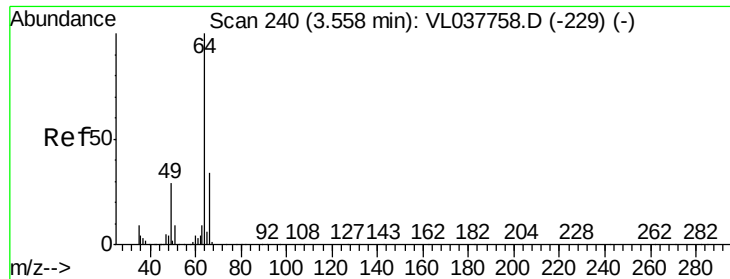
Tgt Ion: 94 Resp: 488906

Ion Ratio Lower Upper

94 100

96 90.6 77.3 115.9





#7

Chloroethane

Concen: 9.396 ppbv

RT: 3.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Oct 2021 11:14

Tot Ion:

Ion Ratio

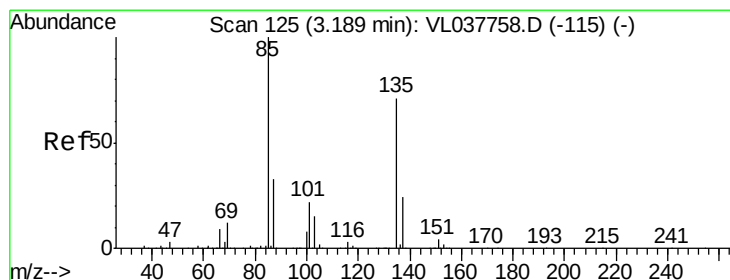
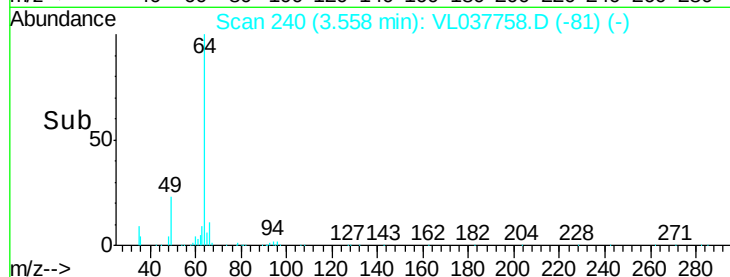
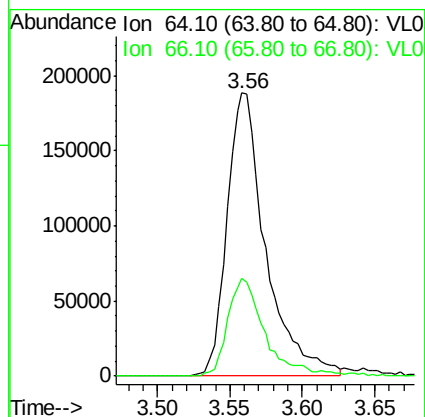
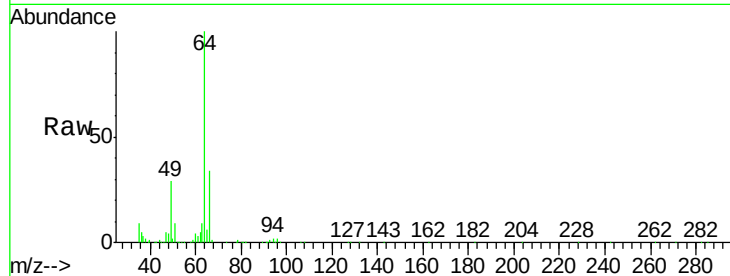
64 100

66 34.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#8

Dichlorotetrafluoroethane

Concen: 9.099 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.01 min

Lab File: VL037758.D

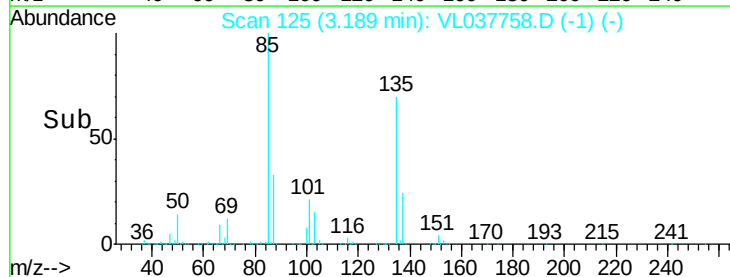
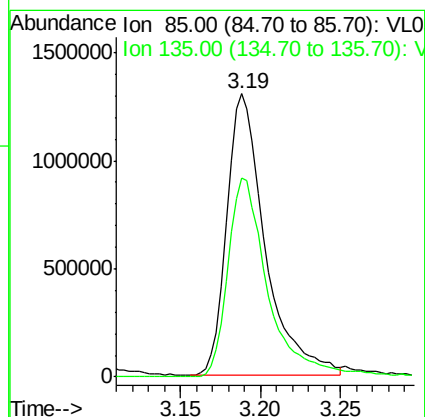
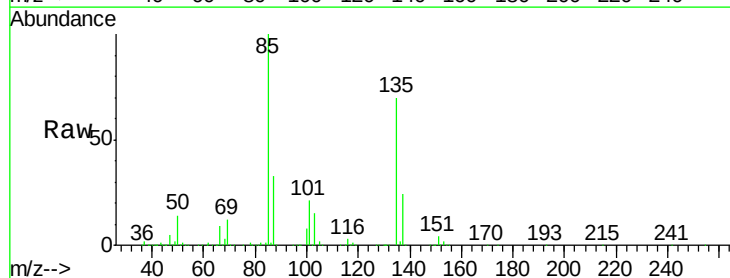
Acq: 4 Oct 2021 11:14

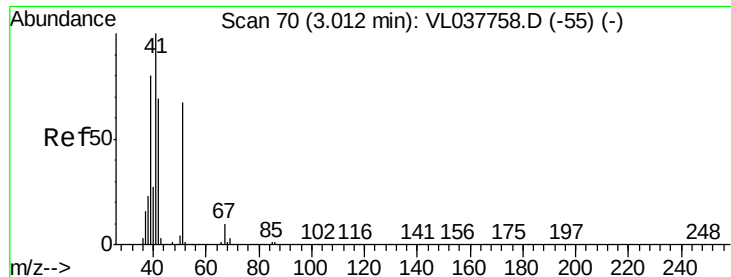
Tgt Ion: 85 Resp: 2157620

Ion Ratio Lower Upper

85 100

135 74.4 59.3 88.9



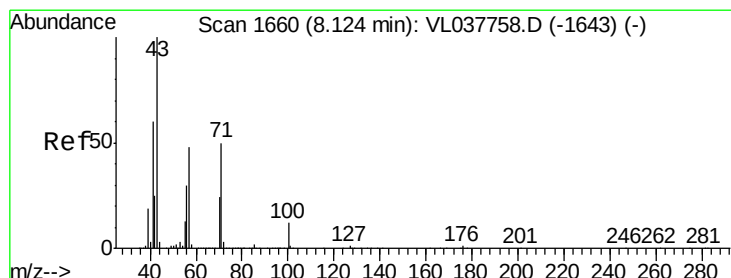
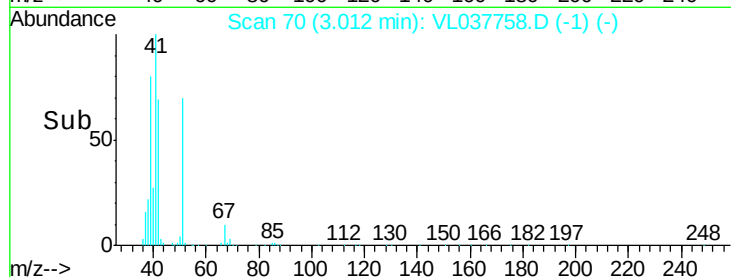
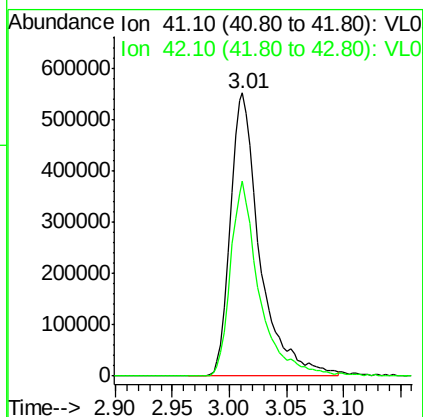
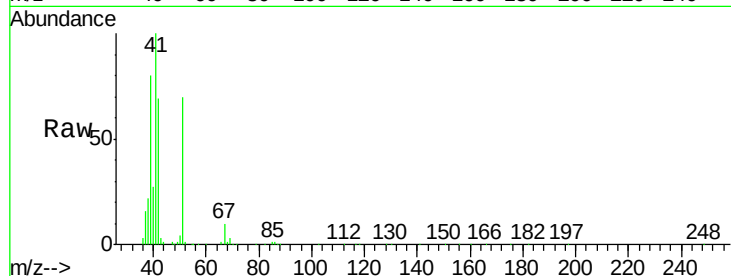


#9
 Propene
 Concen: 9.836 ppbv m
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 4 Oct 2021 11:14

Tot Ion:
 Ion Ratio
 41 100
 42 67.

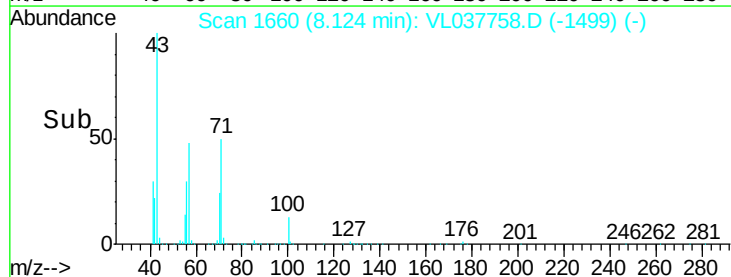
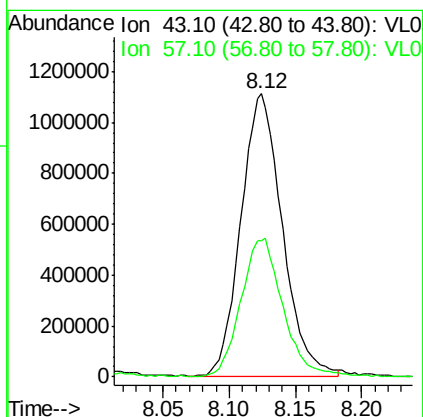
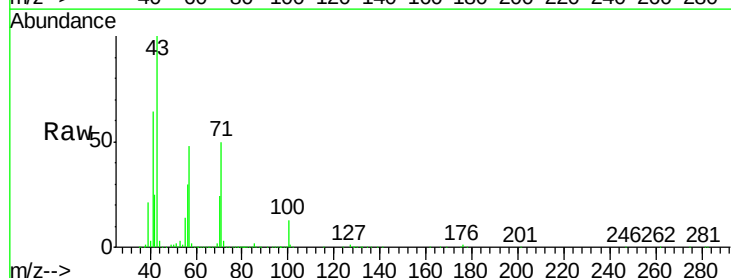
Manual Integrations
 APPROVED

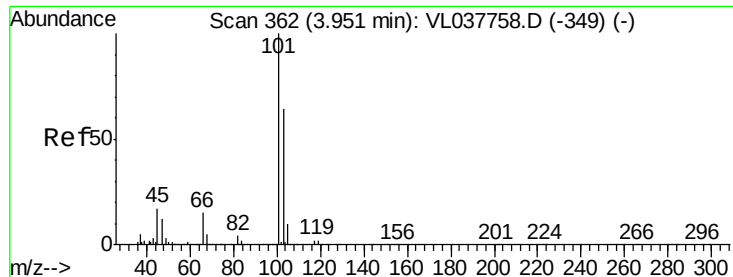
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#10
 Heptane
 Concen: 10.148 ppbv
 RT: 8.12 min Scan# 1660
 Delta R.T. 0.02 min
 Lab File: VL037758.D
 Acq: 4 Oct 2021 11:14

Tgt Ion: 43 Resp: 2393180
 Ion Ratio Lower Upper
 43 100
 57 50.0 40.1 60.1



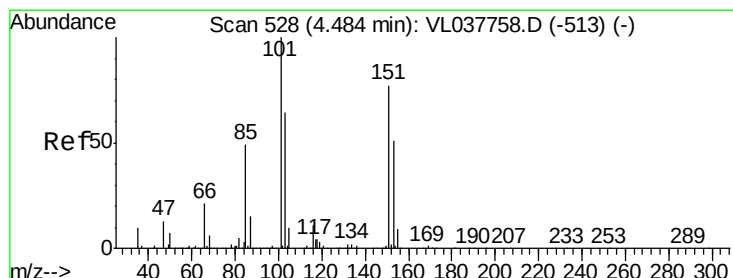
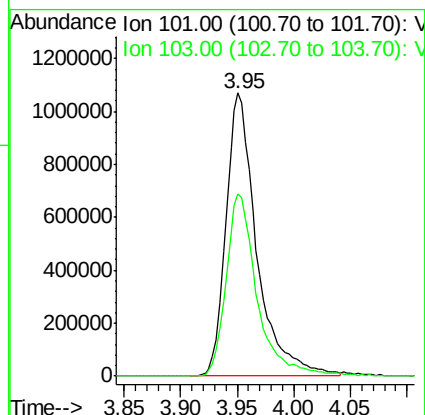
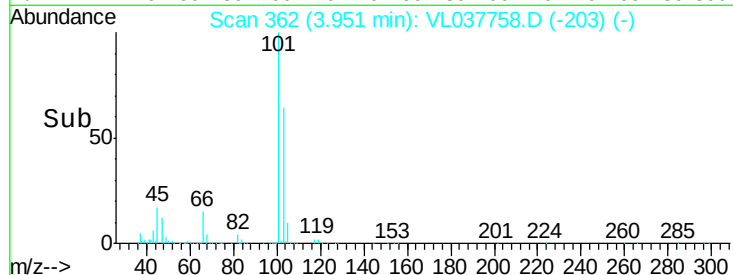
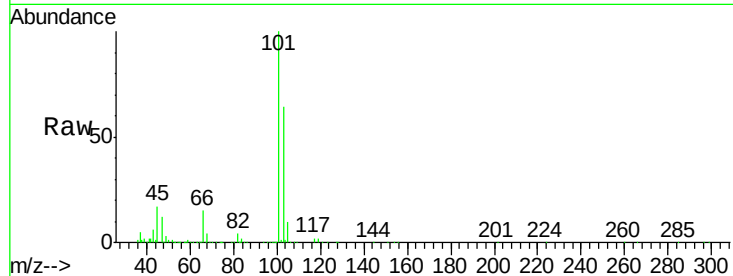


#11
 Trichlorofluoromethane
 Concen: 9.188 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 4 Oct 2021 11:14

Tot Ion:1
 Ion Ratio
 101 100
 103 64.

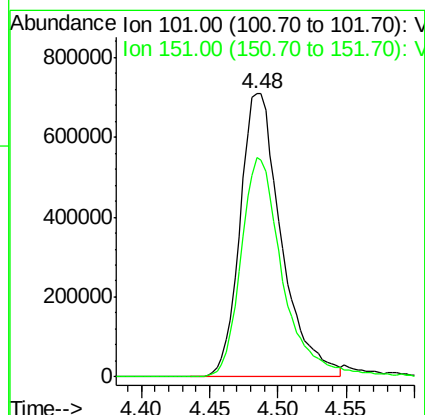
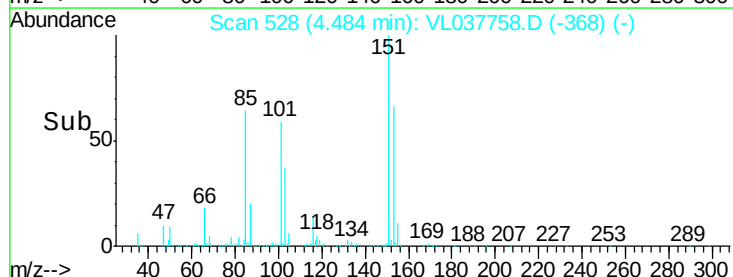
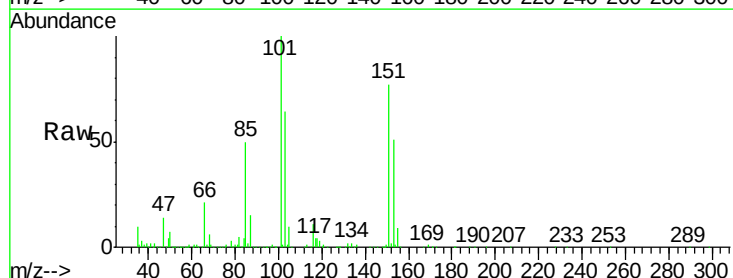
Manual Integrations
 APPROVED

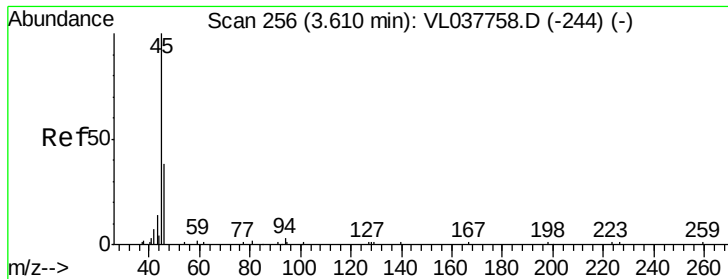
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.154 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VL037758.D
 Acq: 4 Oct 2021 11:14

Tgt Ion:101 Resp: 1491163
 Ion Ratio Lower Upper
 101 100
 151 78.6 63.5 95.3



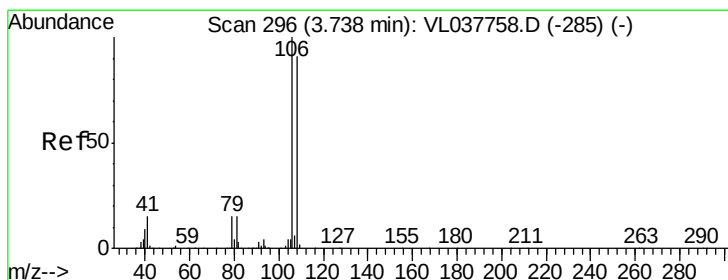
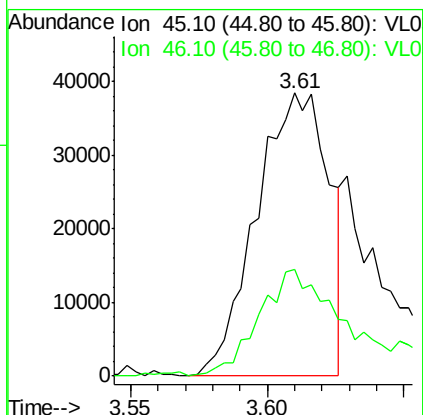
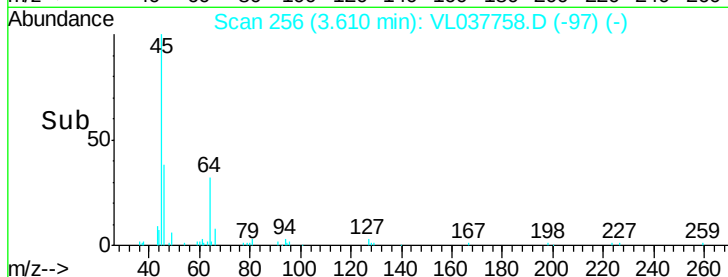
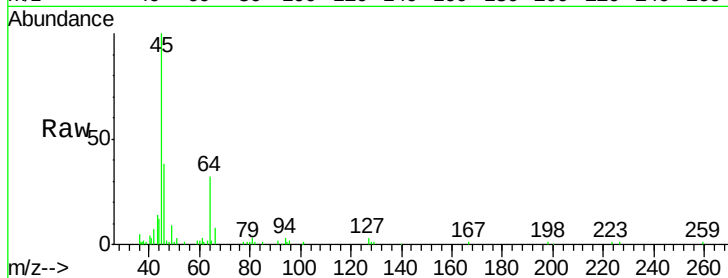


#13
Ethanol
Concen: 7.199 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 4 Oct 2021 11:14

Tot Ion:
Ion Ratio
45 100
46 50.

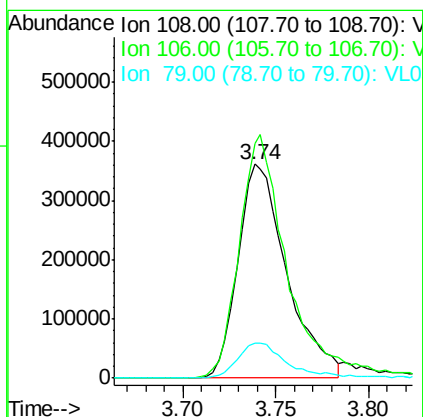
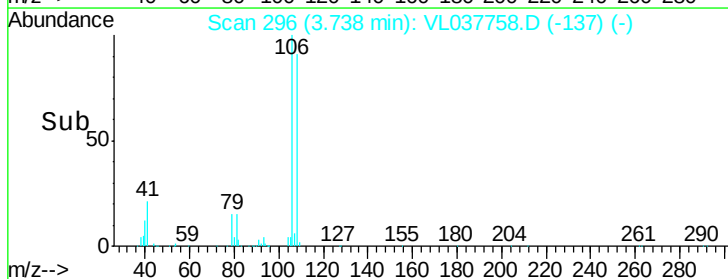
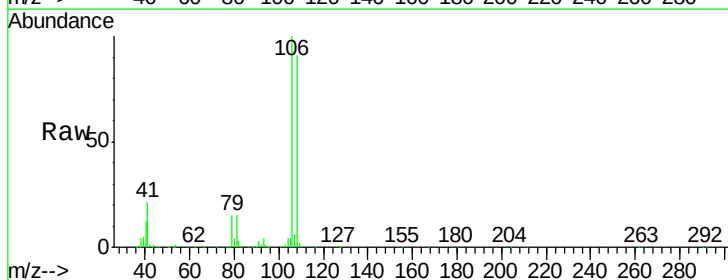
Manual Integrations
APPROVED

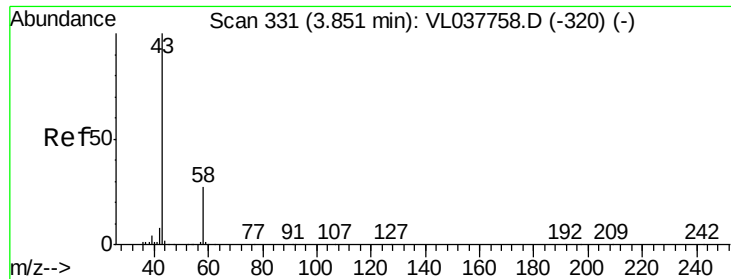
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#14
Bromoethene
Concen: 8.908 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:108 Resp: 660503
Ion Ratio Lower Upper
108 100
106 114.9 88.2 132.4
79 17.4 12.8 19.2





#15

Acetone

Concen: 7.230 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Oct 2021 11:14

Tot Ion:

Ion Ratio

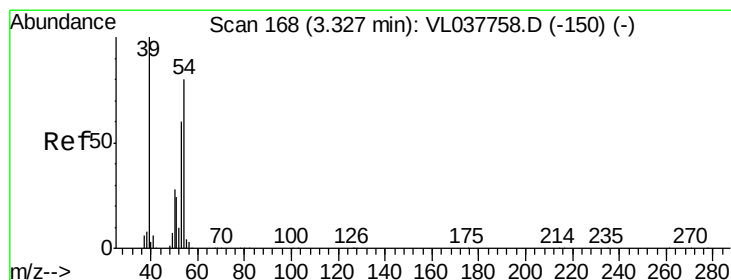
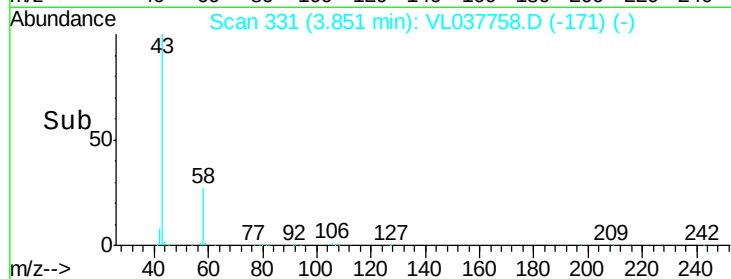
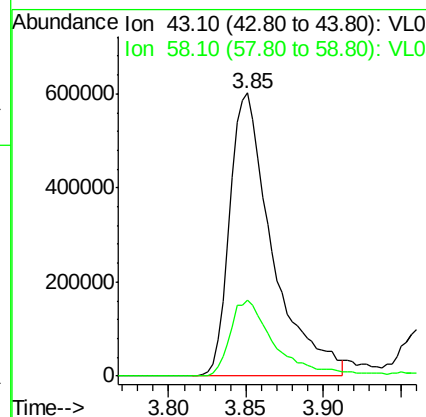
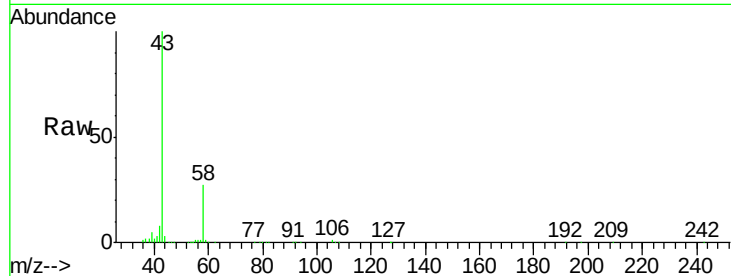
43 100

58 28.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#16

1,3-Butadiene

Concen: 9.797 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.01 min

Lab File: VL037758.D

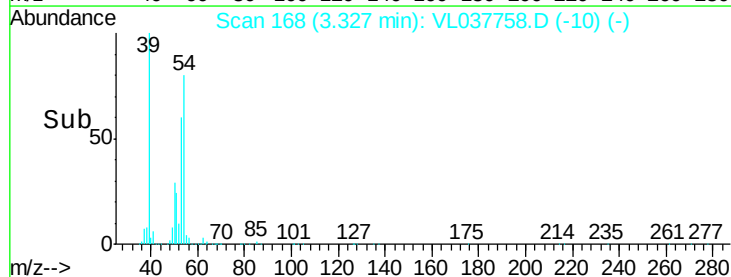
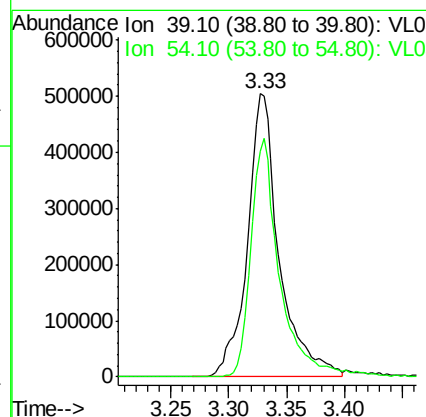
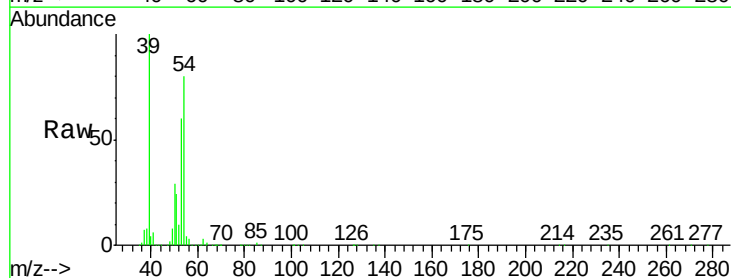
Acq: 4 Oct 2021 11:14

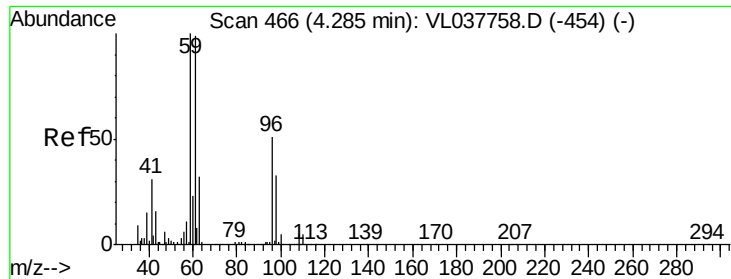
Tgt Ion: 39 Resp: 966163

Ion Ratio Lower Upper

39 100

54 77.1 62.6 93.8





#17

tert-Butyl alcohol

Concen: 10.846 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDICCC010

Acq: 4 Oct 2021 11:14

Tot Ion:

Ion Ratio

59 100

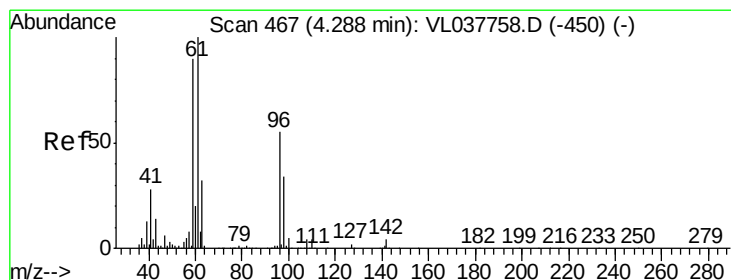
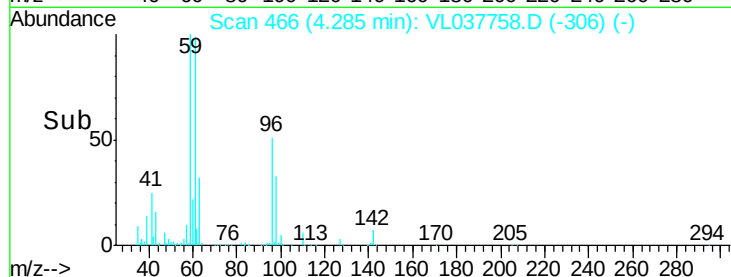
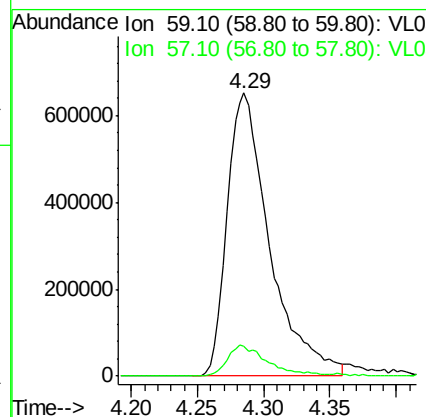
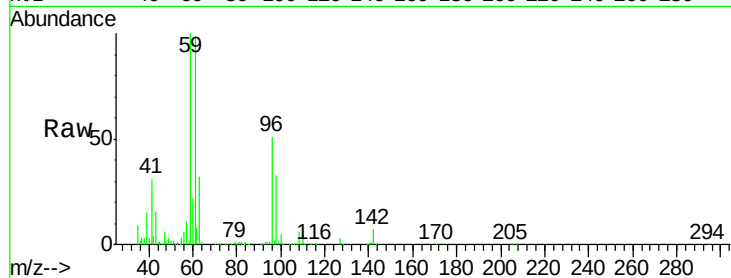
57 10.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021

Supervised By :Semsettin Yesilyurt 10/05/2021



#18

1,1-Dichloroethene

Concen: 9.434 ppbv m

RT: 4.29 min Scan# 467

Delta R.T. 0.01 min

Lab File: VL037758.D

Acq: 4 Oct 2021 11:14

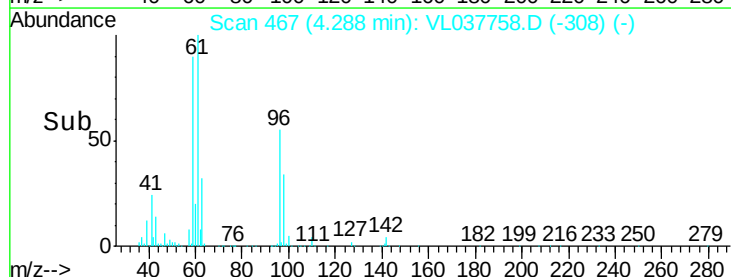
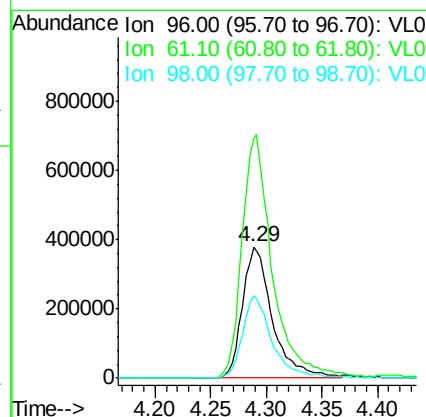
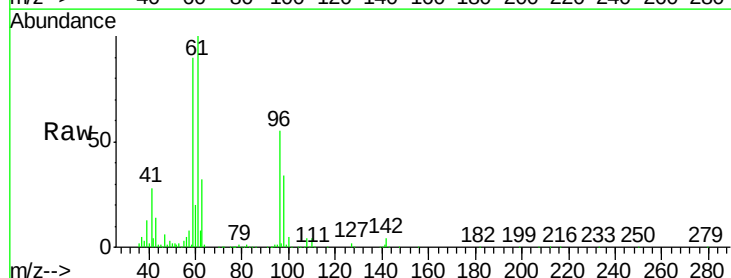
Tgt Ion: 96 Resp: 715888

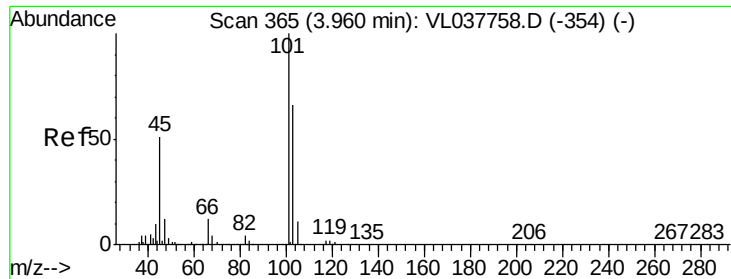
Ion Ratio Lower Upper

96 100

61 182.8 150.4 225.6

98 62.5 52.1 78.1





#19

Isopropyl Alcohol

Concen: 10.045 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Oct 2021 11:14 VSTDICCC010

Tot Ion:

Ion Ratio

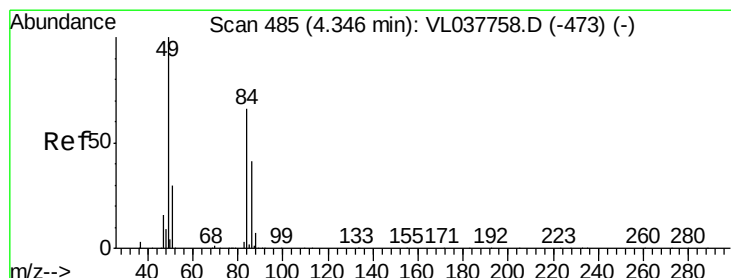
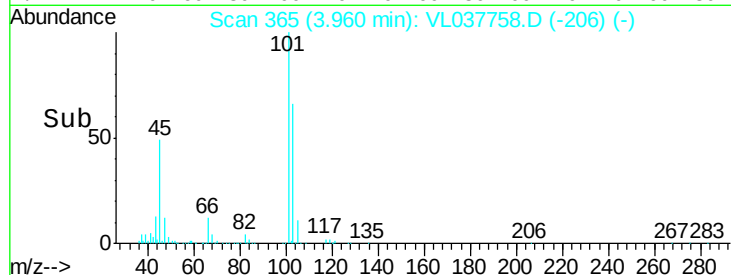
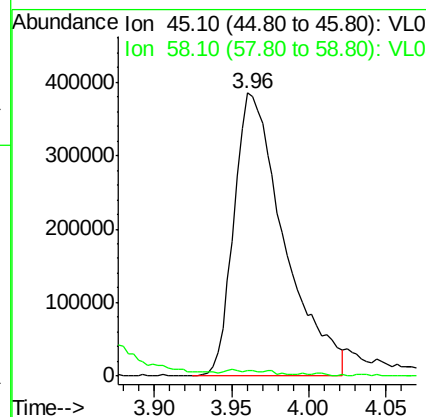
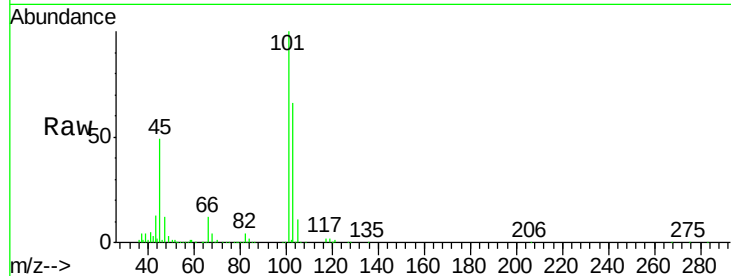
45 100

58 1.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#20

Methylene Chloride

Concen: 7.791 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.02 min

Lab File: VL037758.D

Acq: 4 Oct 2021 11:14

Tgt Ion: 84 Resp: 587002

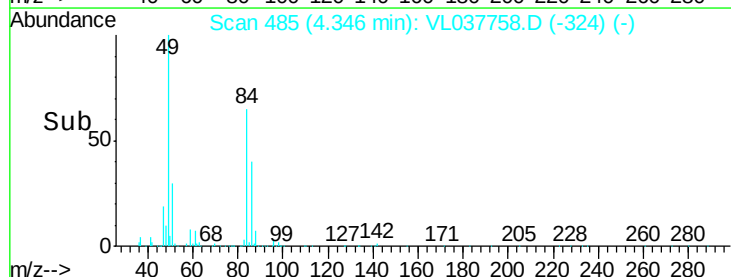
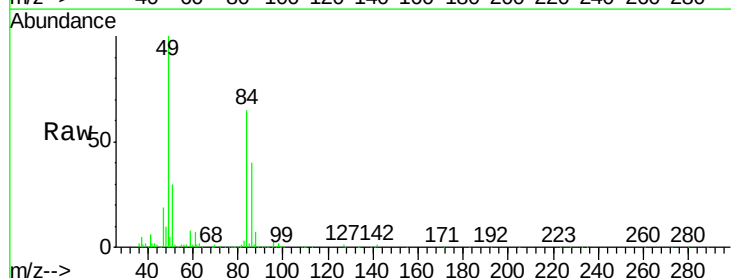
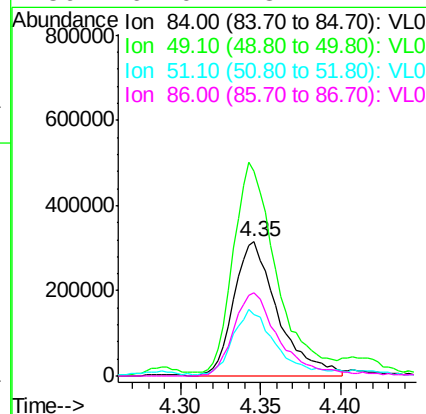
Ion Ratio Lower Upper

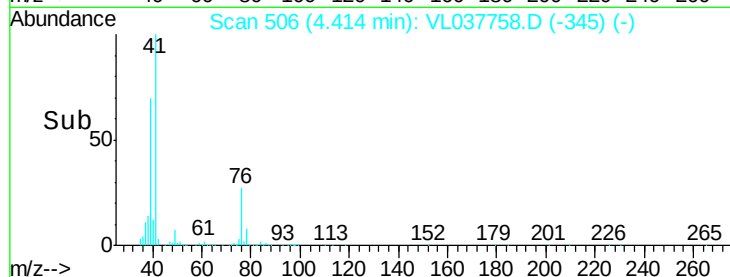
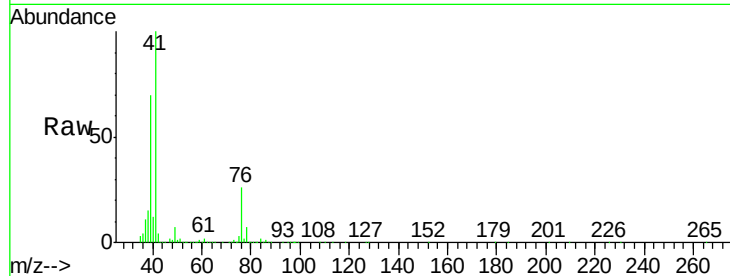
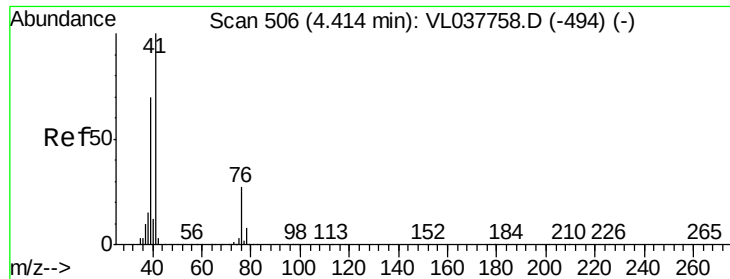
84 100

49 150.9 120.0 180.0

51 45.3 38.0 57.0

86 62.0 48.2 72.2



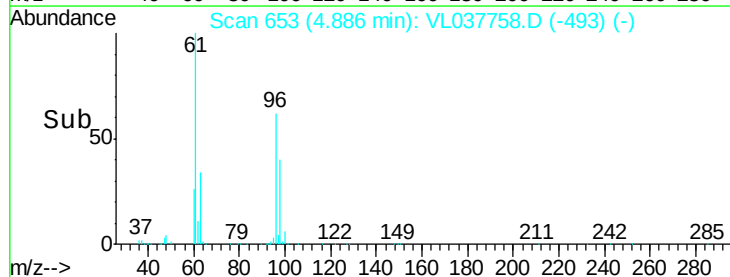
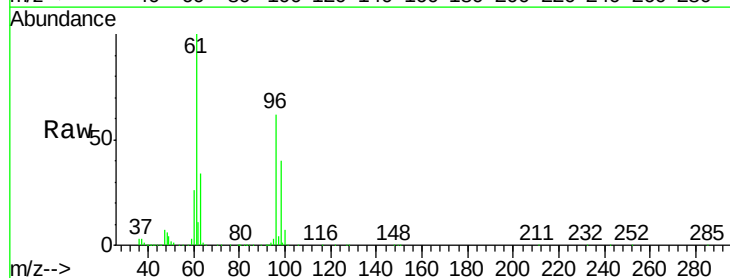
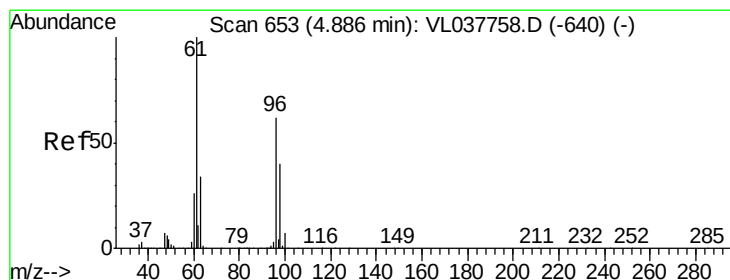
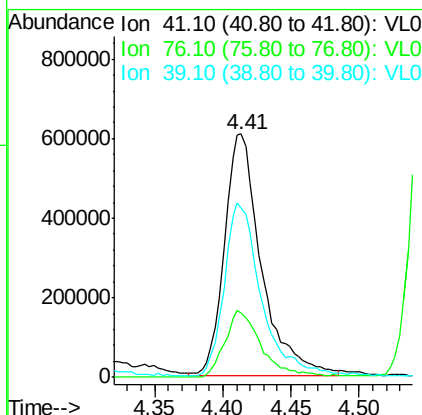


#21
Allvl Chloride
Concen: 9.744 ppbv
RT: 4.41
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 4 Oct 2021 11:14

Tot Ion:
Ion Ratio
41 100
76 28.
39 72.

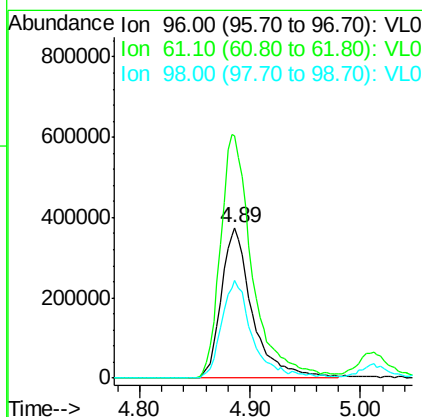
Manual Integrations
APPROVED

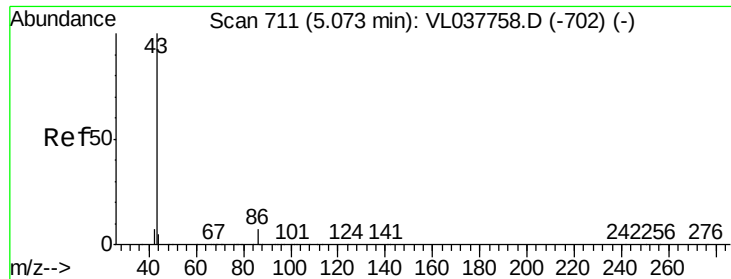
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#22
trans-1,2-Dichloroethene
Concen: 9.569 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 96 Resp: 730591
Ion Ratio Lower Upper
96 100
61 161.3 129.2 193.8
98 64.6 50.4 75.6



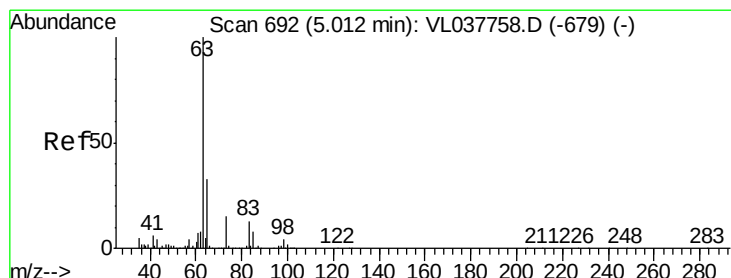
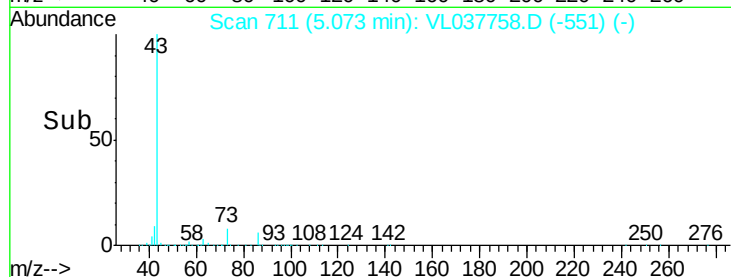
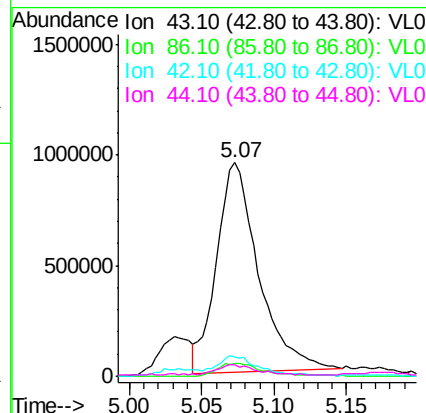
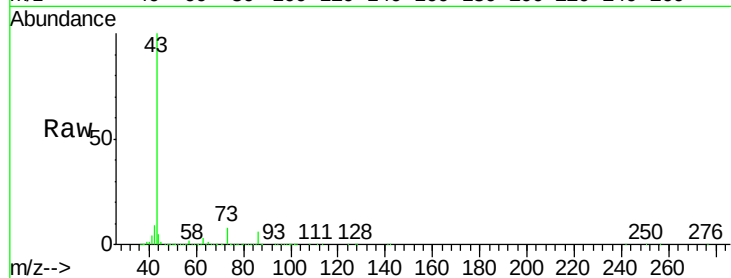


#23
 Vinyl Acetate
 Concen: 8.701 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 4 Oct 2021 11:14

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 9.
 44 4.7 4.7 7.1#

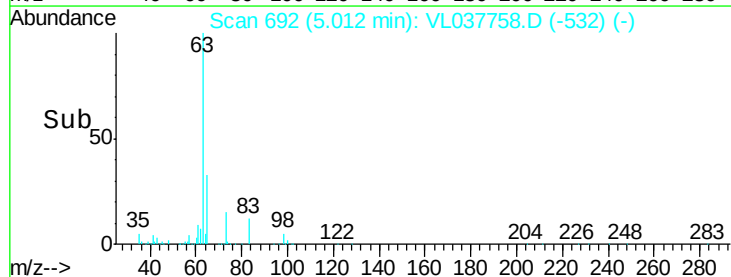
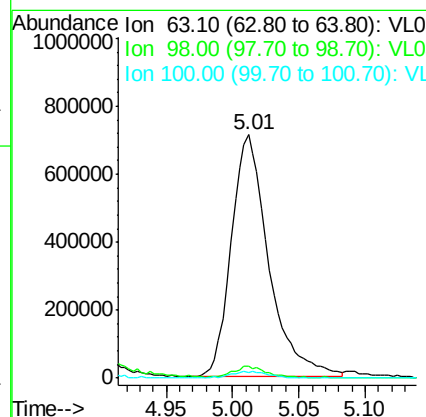
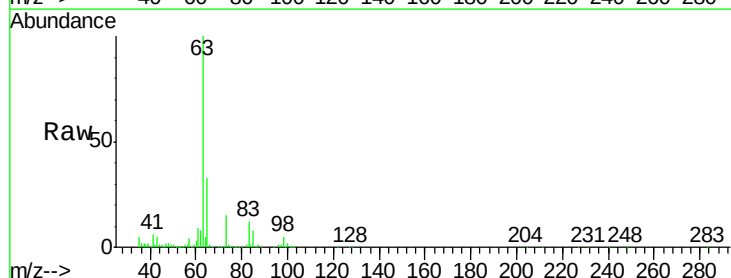
Manual Integrations
 APPROVED

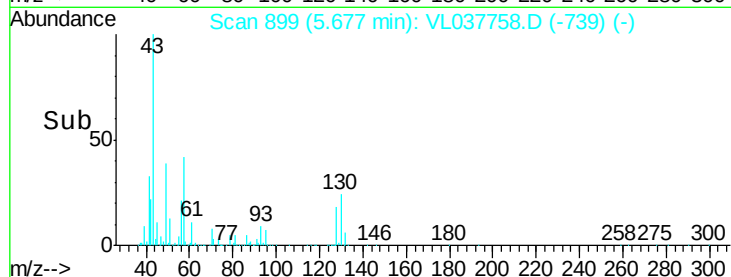
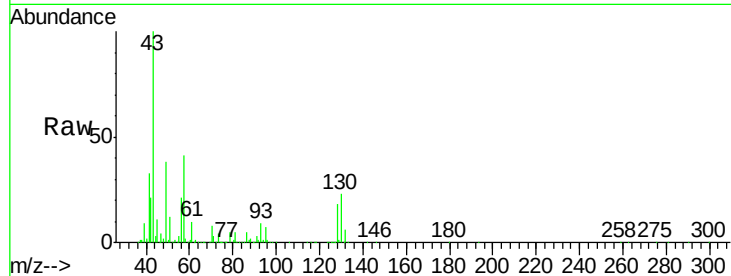
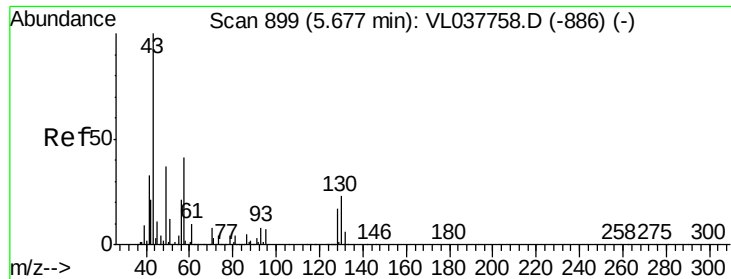
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#24
 1,1-Dichloroethane
 Concen: 8.944 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VL037758.D
 Acq: 4 Oct 2021 11:14

Tgt Ion: 63 Resp: 1399276
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.4 7.2
 100 2.1 1.1 3.5



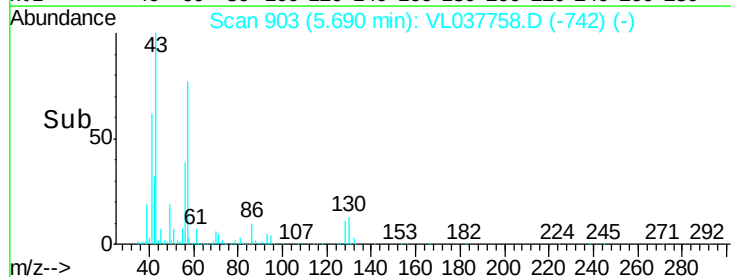
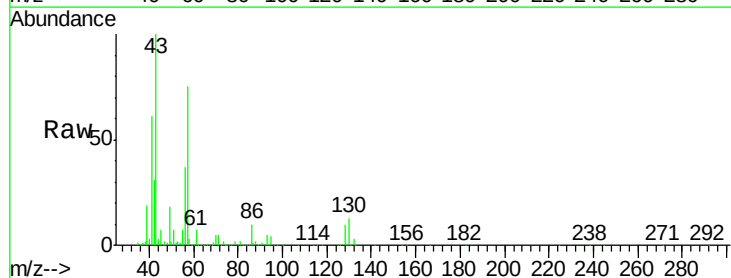
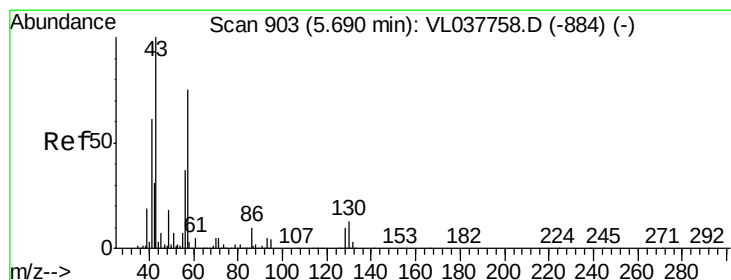
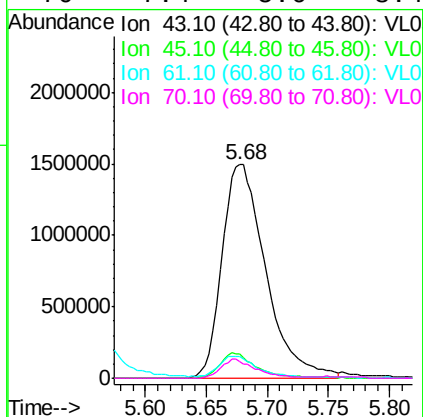


#25
Ethyl Acetate
Concen: 9.693 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 4 Oct 2021 11:14

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 7.4 5.6 8.4

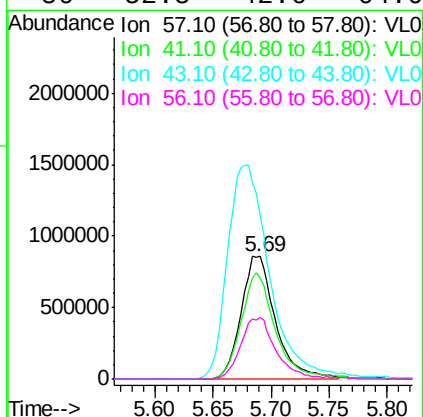
Manual Integrations
APPROVED

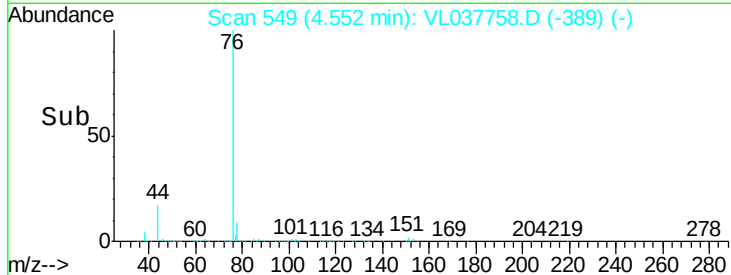
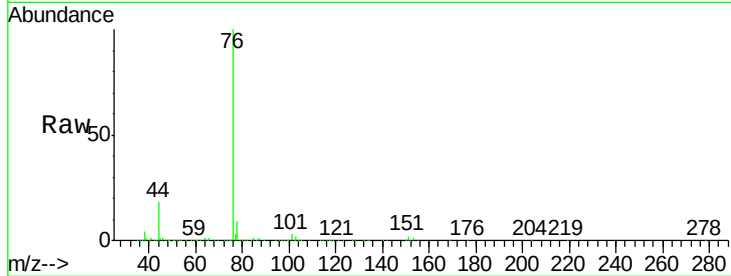
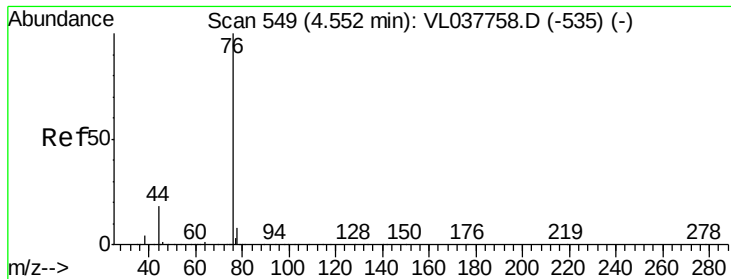
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#26
Hexane
Concen: 9.751 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 57 Resp: 1770550
Ion Ratio Lower Upper
57 100
41 87.0 70.9 106.3
43 214.2 170.4 255.6
56 52.5 42.6 64.0





#27

Carbon Disulfide

Concen: 10.444 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId :

Acq: 4 Oct 2021 11:14 VSTDICCC010

Tot Ion:

Ion Ratio

76 100

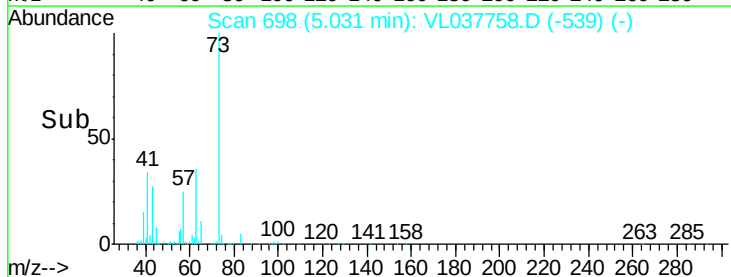
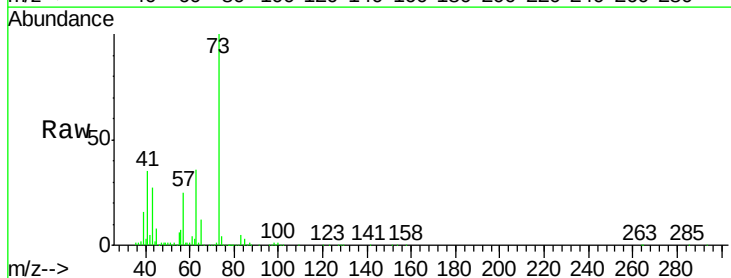
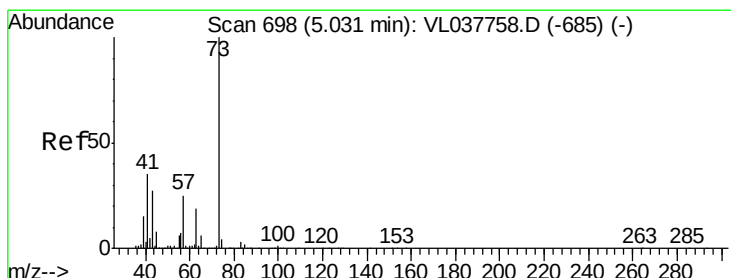
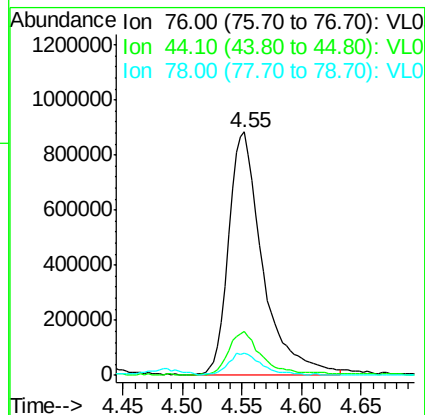
44 17.

78 9.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#28

Methyl tert-Butyl Ether

Concen: 9.107 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.01 min

Lab File: VL037758.D

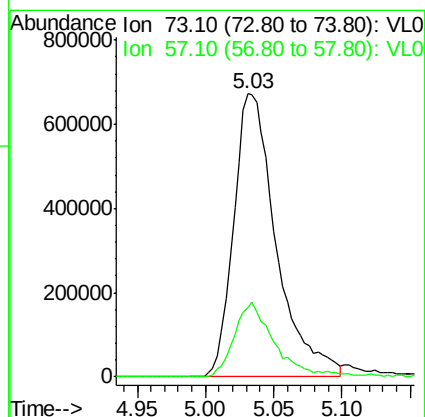
Acq: 4 Oct 2021 11:14

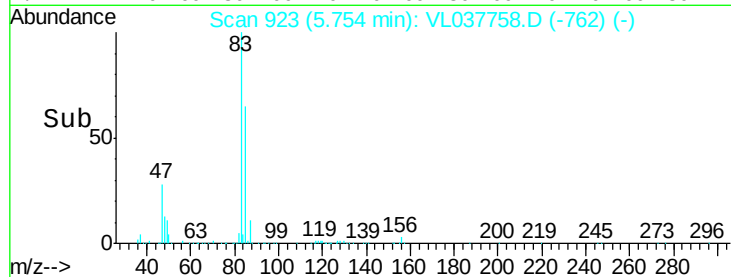
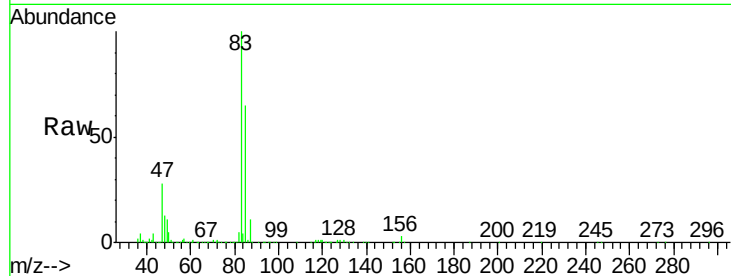
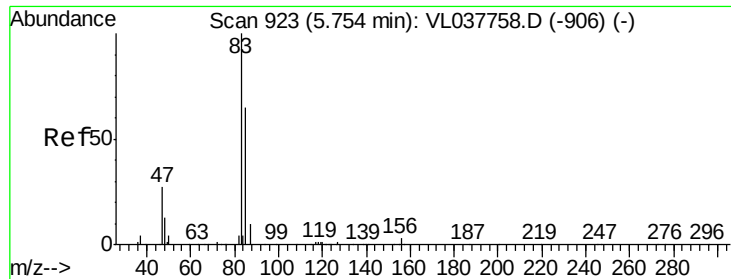
Tgt Ion: 73 Resp: 1456525

Ion Ratio Lower Upper

73 100

57 25.5 20.1 30.1



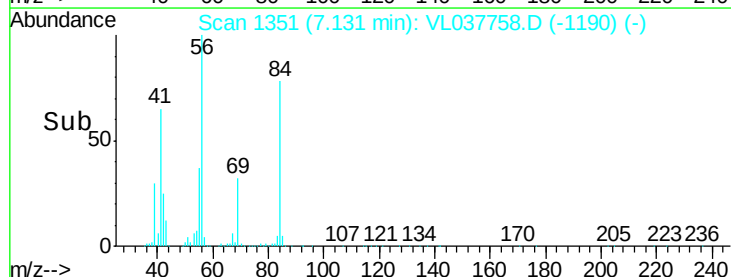
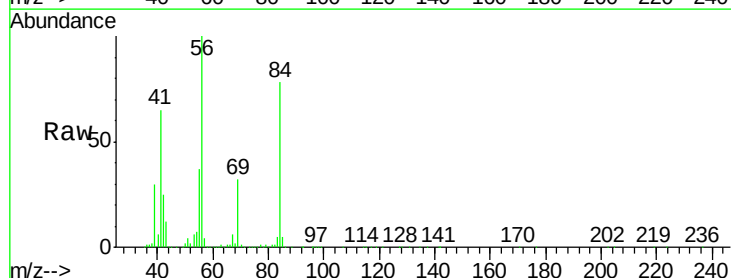
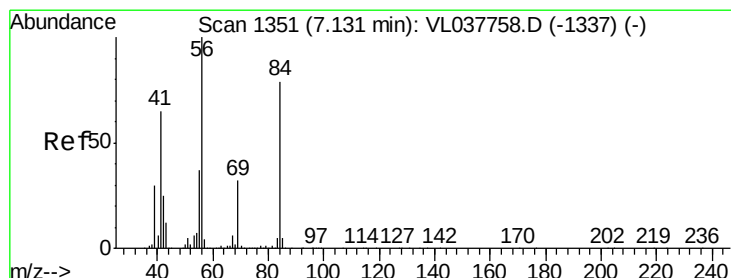
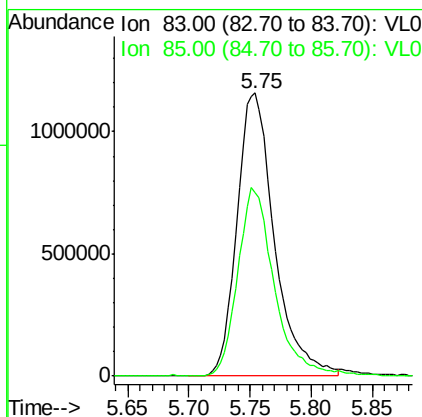


#29
Chloroform
Concen: 9.273 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 4 Oct 2021 11:14 VSTDICCC010

Tot Ion:
Ion Ratio
83 100
85 64.

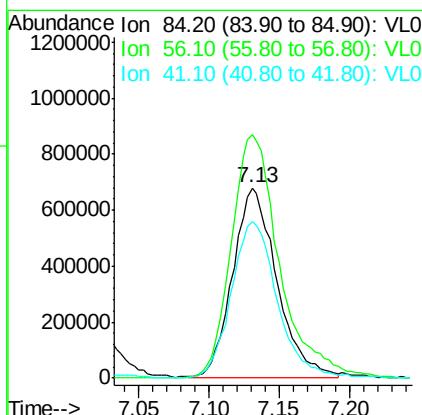
Manual Integrations
APPROVED

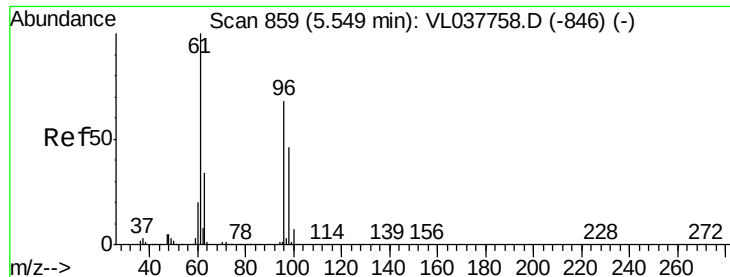
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#30
Cyclohexane
Concen: 9.555 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 84 Resp: 1483866
Ion Ratio Lower Upper
84 100
56 141.2 113.6 170.4
41 86.4 67.9 101.9





#31

cis-1,2-Dichloroethene

Concen: 9.932 ppbv

RT: 5.55 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Oct 2021 11:14 VSTDICCC010

Tot Ion:

Ion Ratio

61 100

96 67.

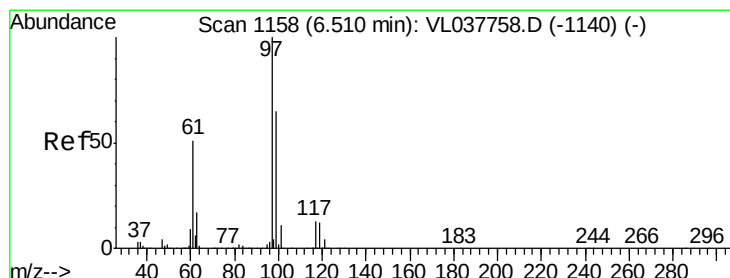
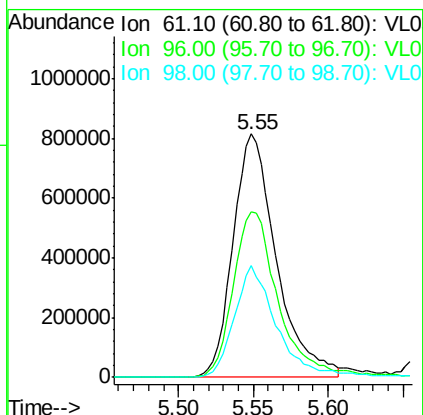
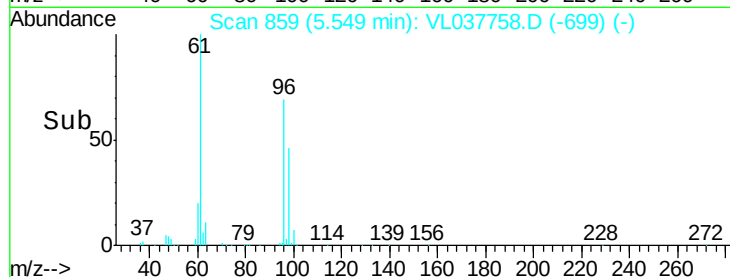
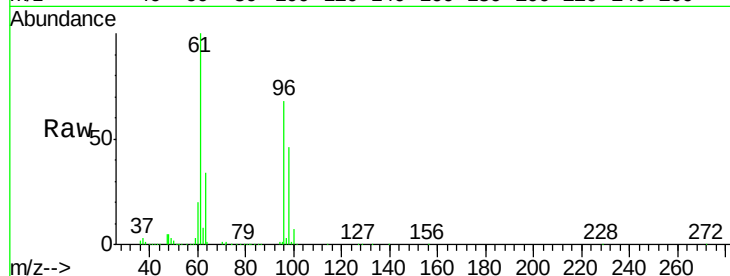
98 45.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021

Supervised By :Semsettin Yesilyurt 10/05/2021



#32

1,1,1-Trichloroethane

Concen: 9.717 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. 0.01 min

Lab File: VL037758.D

Acq: 4 Oct 2021 11:14

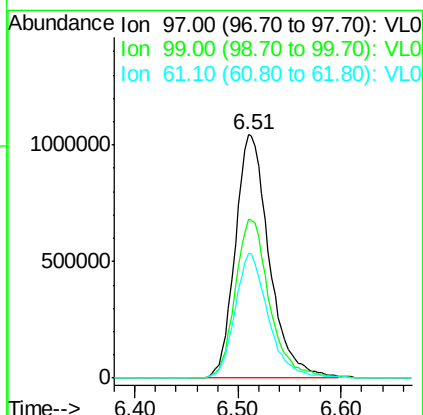
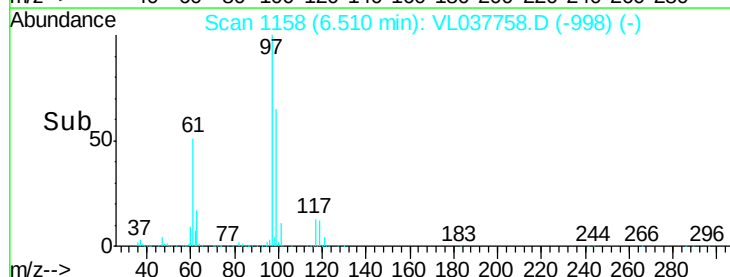
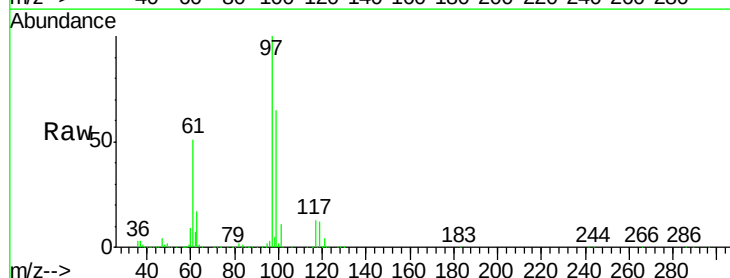
Tgt Ion: 97 Resp: 2398637

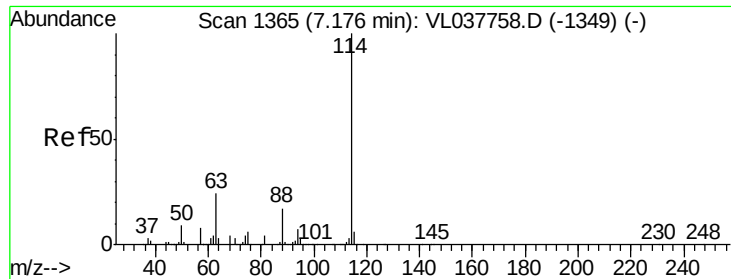
Ion Ratio Lower Upper

97 100

99 65.7 52.3 78.5

61 50.3 39.5 59.3



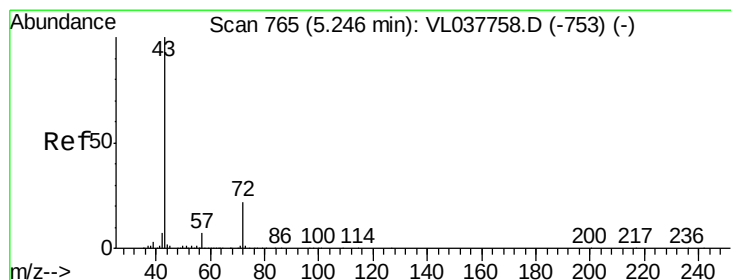
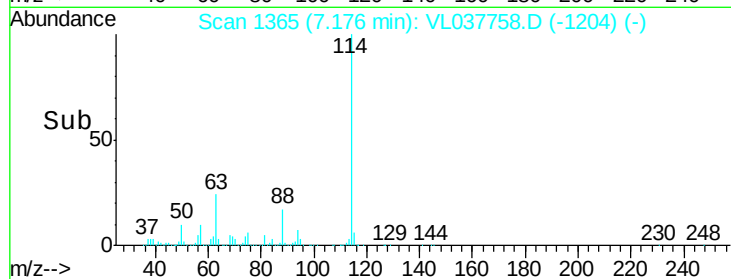
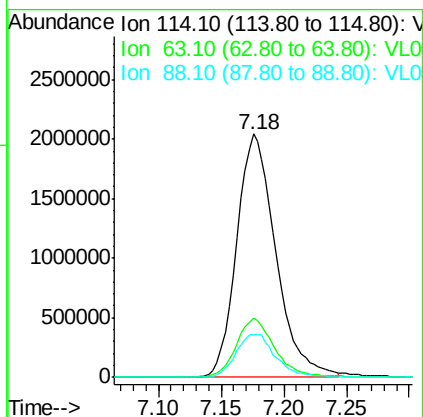
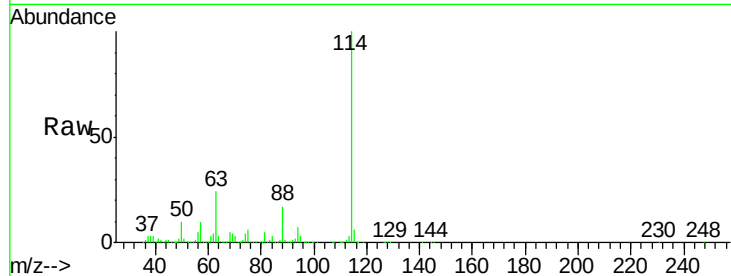


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 4 Oct 2021 11:14

Tot Ion: 1
 Ion Ratio
 114 100
 63 24.
 88 18.

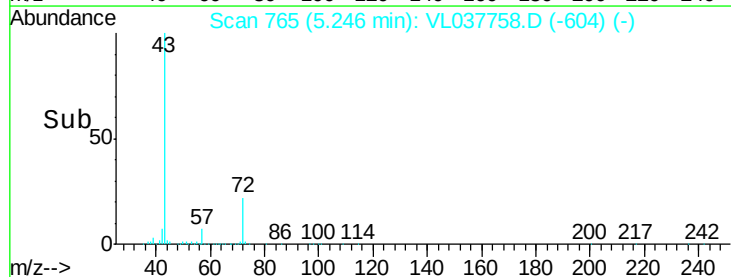
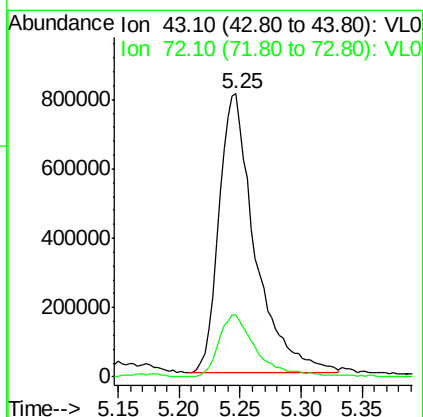
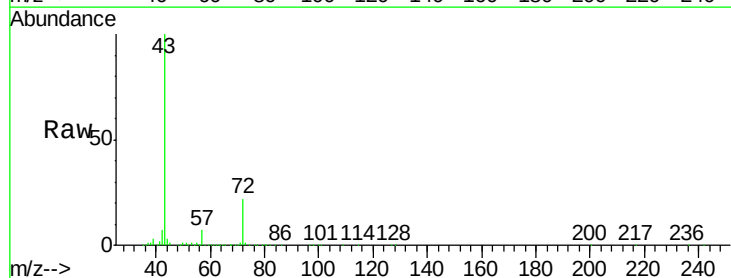
Manual Integrations
 APPROVED

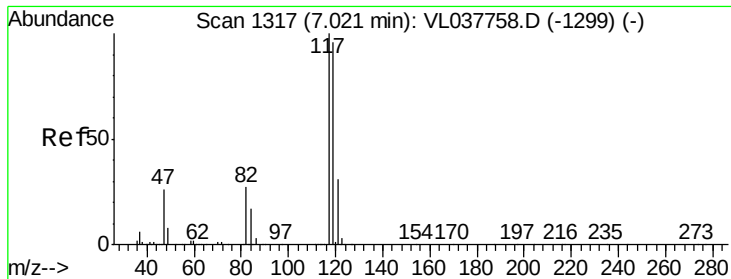
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#34
 2-Butanone
 Concen: 9.297 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. 0.02 min
 Lab File: VL037758.D
 Acq: 4 Oct 2021 11:14

Tgt Ion: 43 Resp: 1674306
 Ion Ratio Lower Upper
 43 100
 72 22.7 18.4 27.6



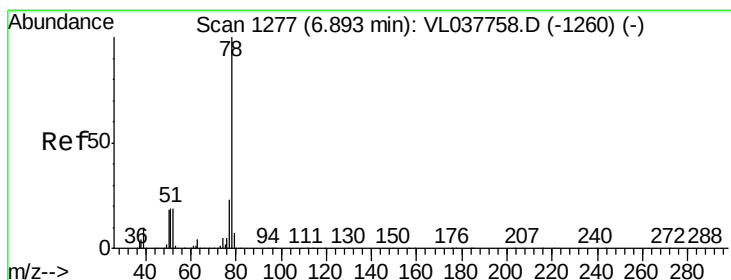
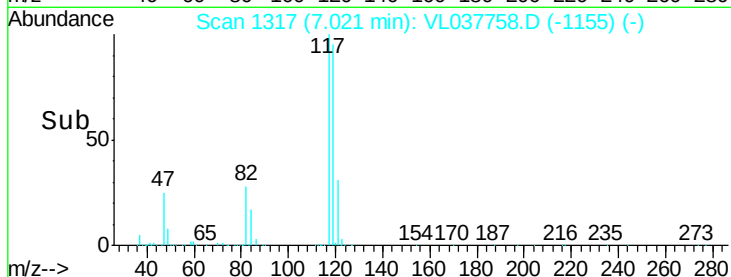
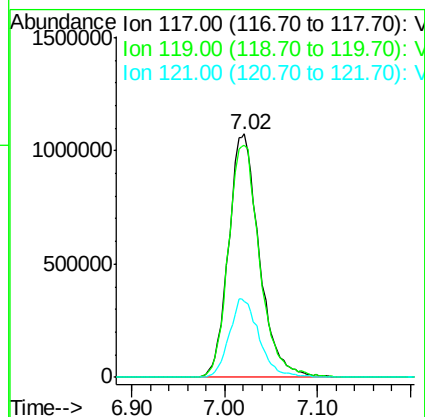
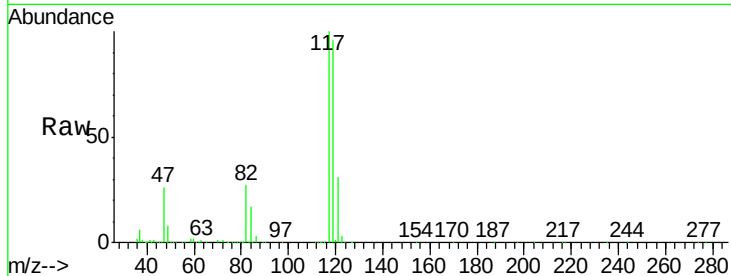


#35
Carbon Tetrachloride
Concen: 9.825 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 4 Oct 2021 11:14

Tot Ion:1
Ion Rati
117 100
119 95.
121 31.

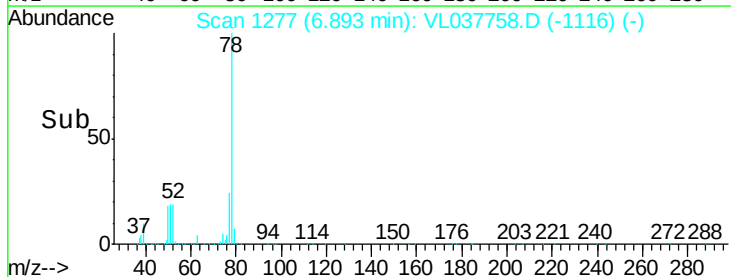
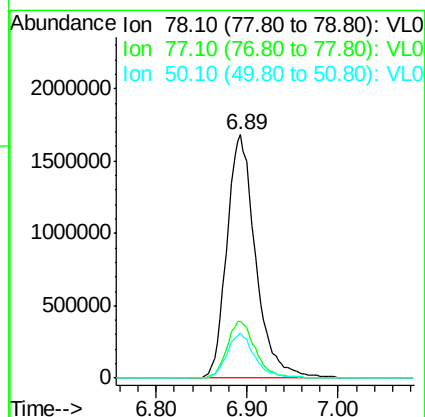
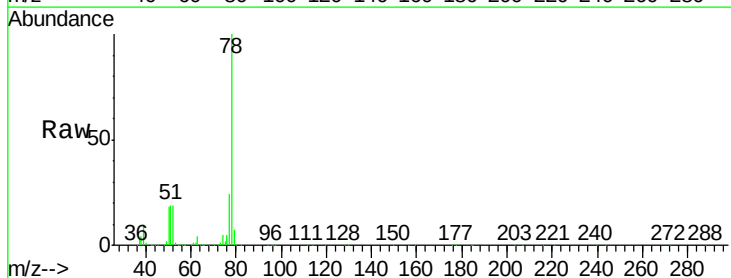
Manual Integrations
APPROVED

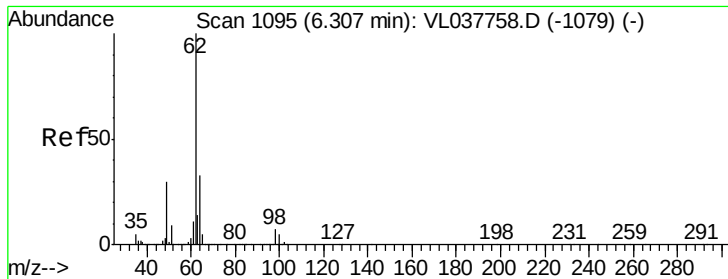
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#36
Benzene
Concen: 9.990 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 78 Resp: 3691624
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4
50 18.4 14.8 22.2



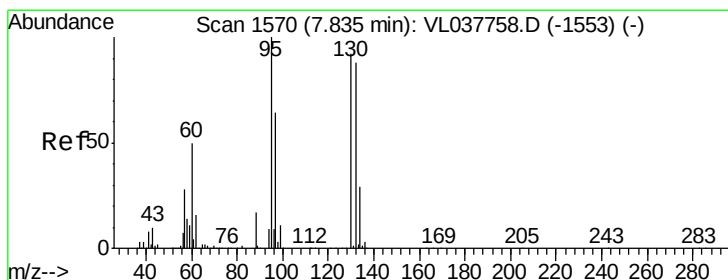
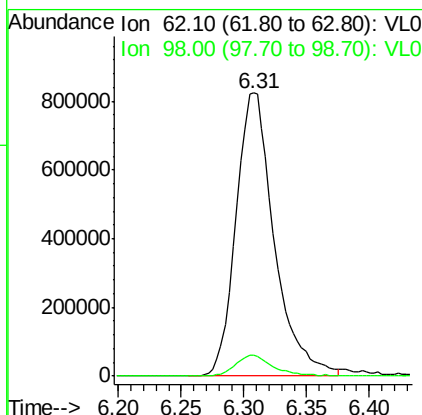
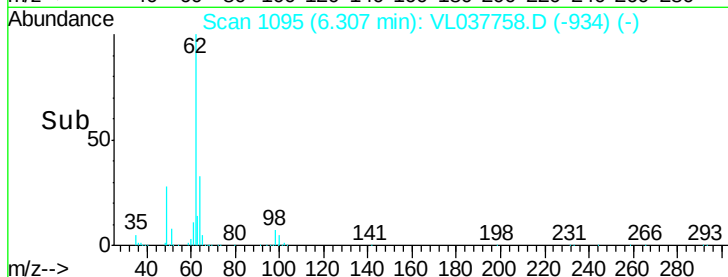
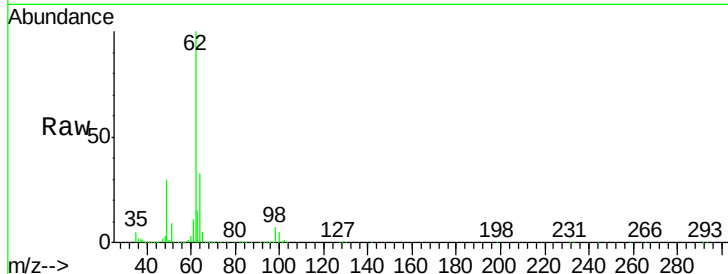


#37
 1,2-Dichloroethane
 Concen: 9.652 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 4 Oct 2021 11:14

Tot Ion:
 Ion Ratio
 62 100
 98 7.

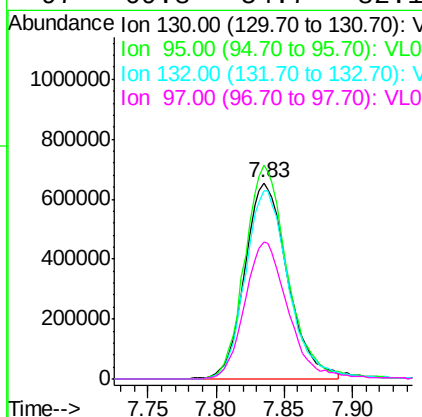
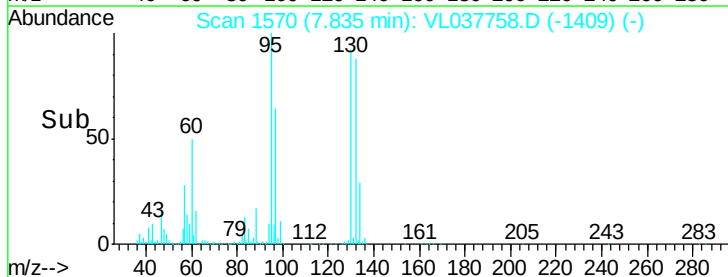
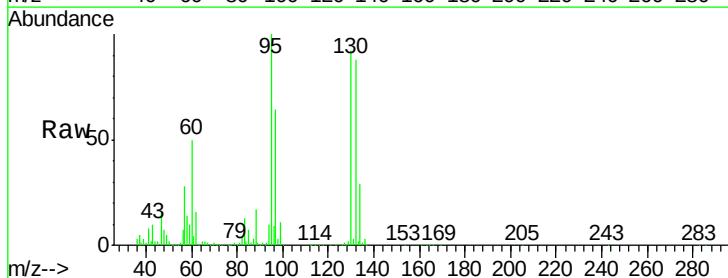
Manual Integrations
 APPROVED

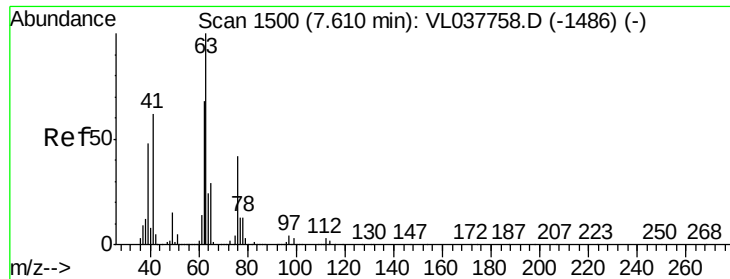
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#38
 Trichloroethene
 Concen: 9.176 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: VL037758.D
 Acq: 4 Oct 2021 11:14

Tgt Ion:130 Resp: 1416418
 Ion Ratio Lower Upper
 130 100
 95 109.2 81.8 122.6
 132 96.0 75.3 112.9
 97 69.8 54.7 82.1



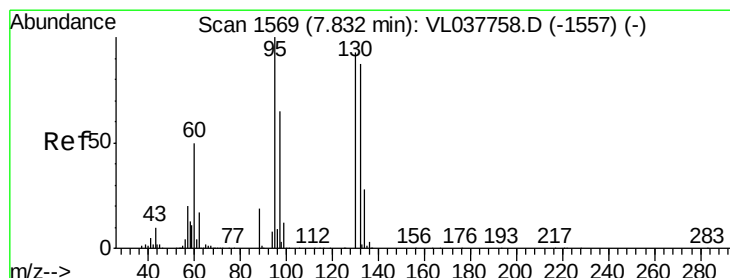
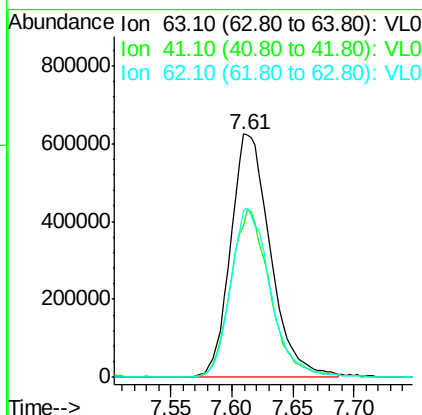
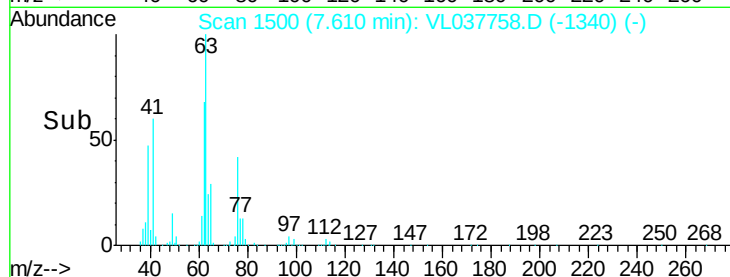
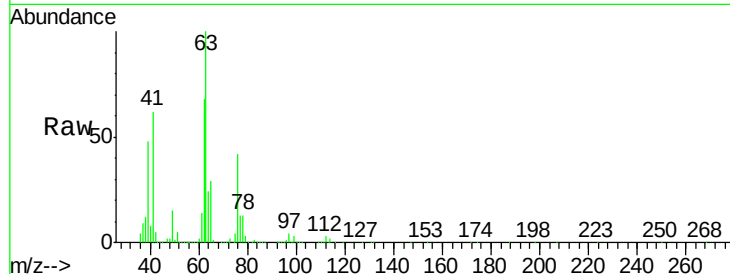


#39
 1,2-Dichloropropane
 Concen: 9.970 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 4 Oct 2021 11:14

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

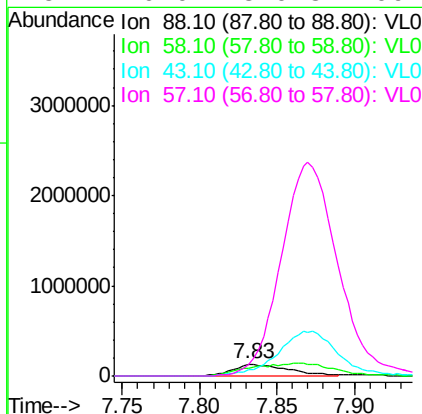
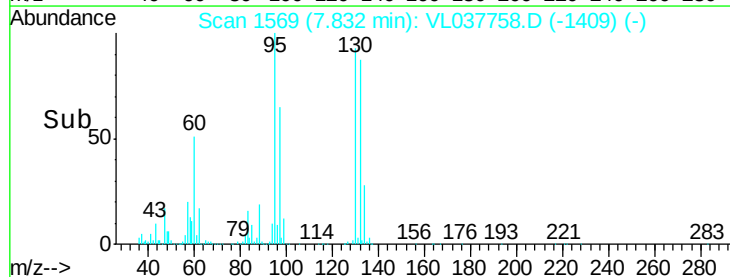
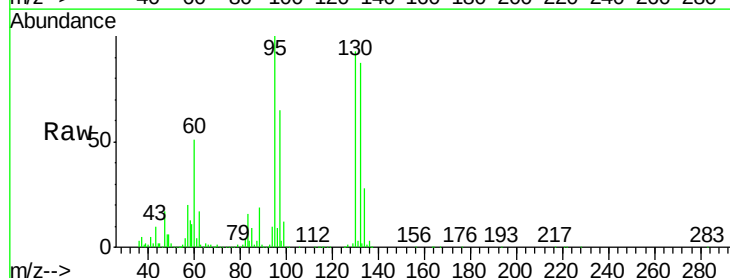
Manual Integrations
 APPROVED

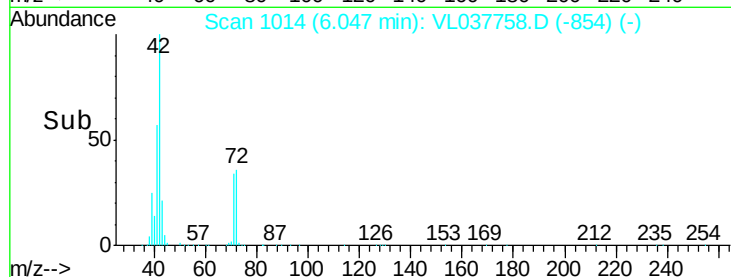
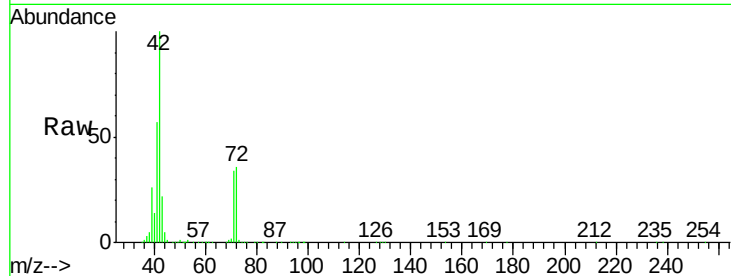
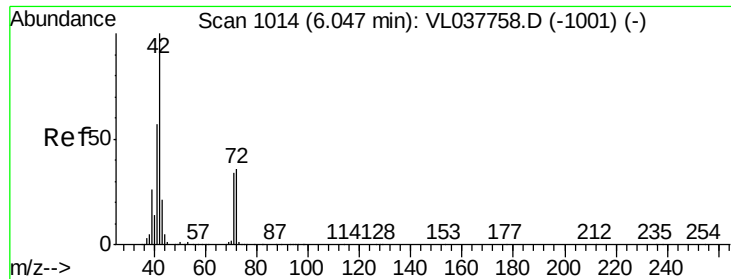
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#40
 1,4-Dioxane
 Concen: 9.271 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VL037758.D
 Acq: 4 Oct 2021 11:14

Tgt Ion: 88 Resp: 319177
 Ion Ratio Lower Upper
 88 100
 58 0.0 122.4 183.6#
 43 0.0 297.4 446.0#
 57 0.0 1329.8 1994.8#



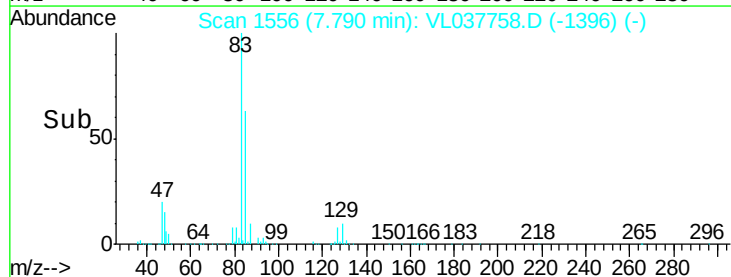
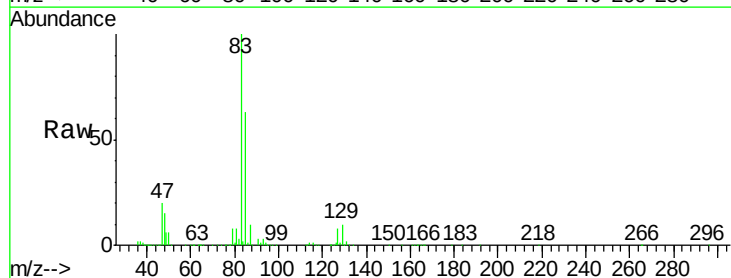
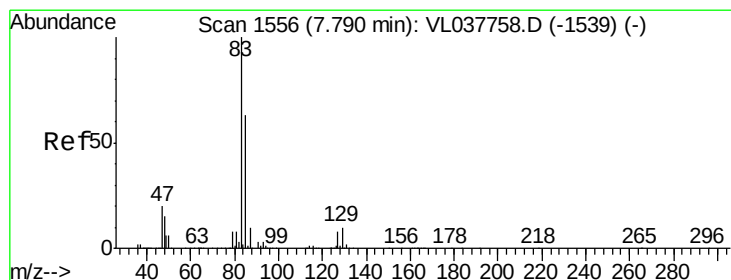
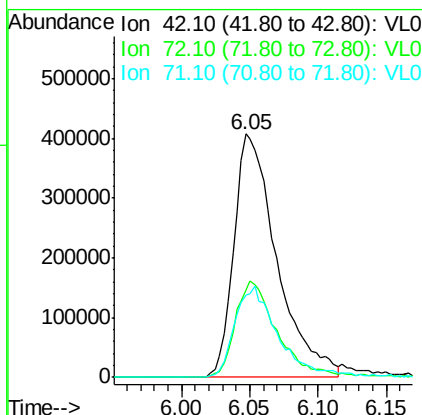


#41
Tetrahydrofuran
Concen: 10.477 ppbv
RT: 6.05
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 4 Oct 2021 11:14

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

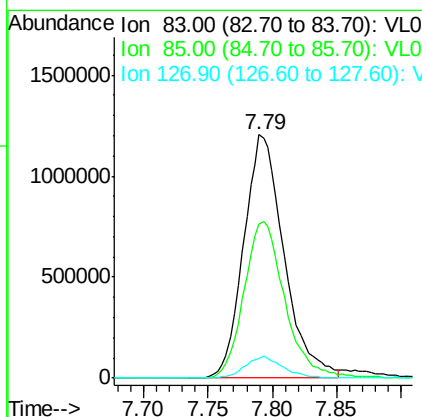
Manual Integrations
APPROVED

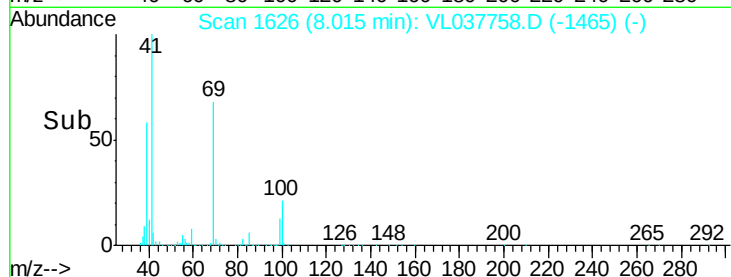
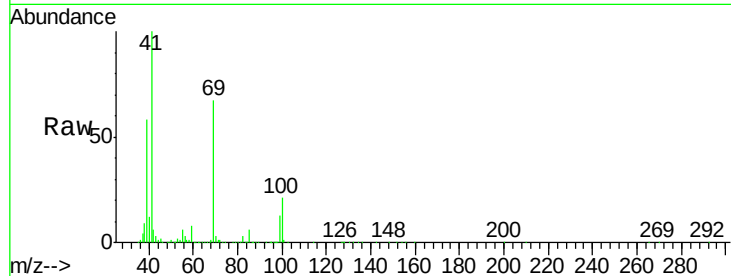
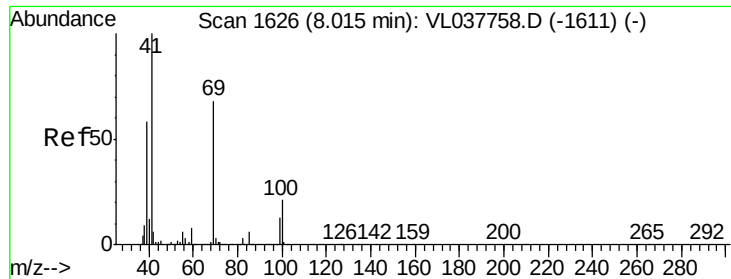
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#42
Bromodichloromethane
Concen: 10.079 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. 0.01 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 83 Resp: 2625265
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 7.8 6.4 9.6



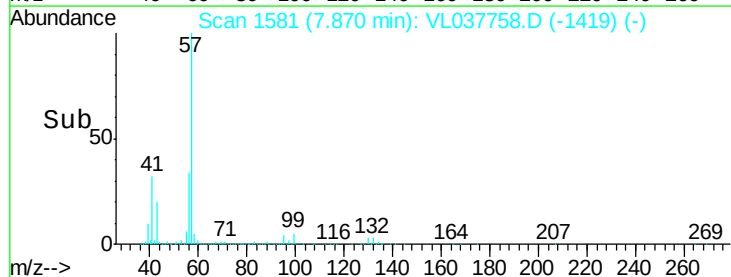
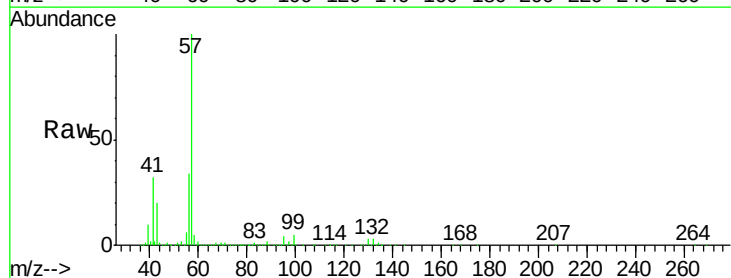
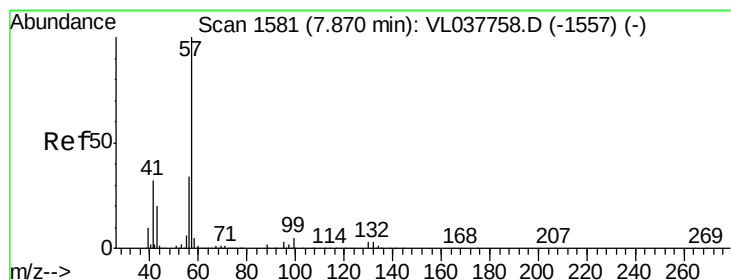
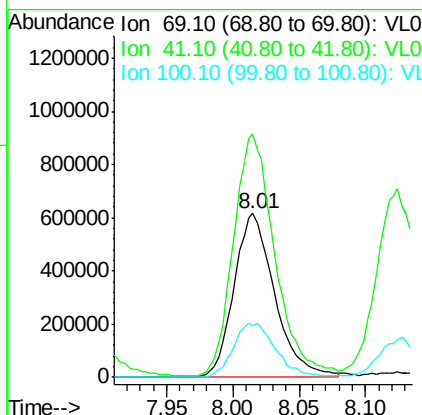


#43
Methyl Methacrylate
Concen: 10.683 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 4 Oct 2021 11:14

Tot Ion:
Ion Ratio
69 100
41 151.
100 34.

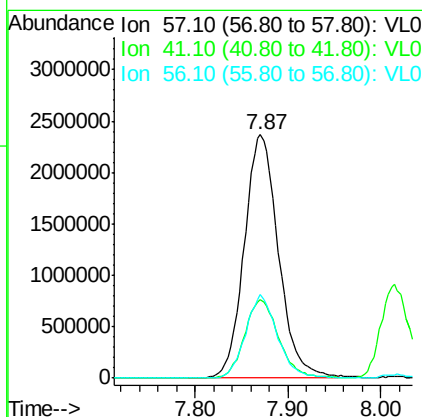
Manual Integrations
APPROVED

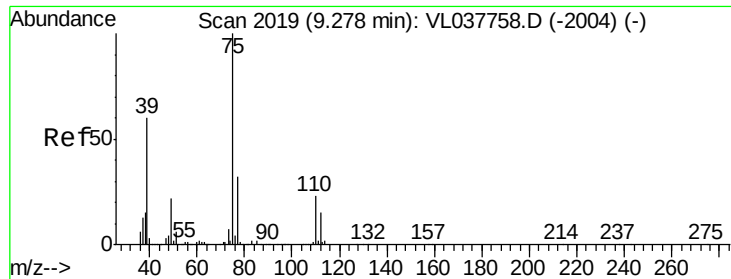
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#44
2,2,4-Trimethylpentane
Concen: 9.794 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 57 Resp: 6084151
Ion Ratio Lower Upper
57 100
41 32.0 26.1 39.1
56 31.9 25.7 38.5



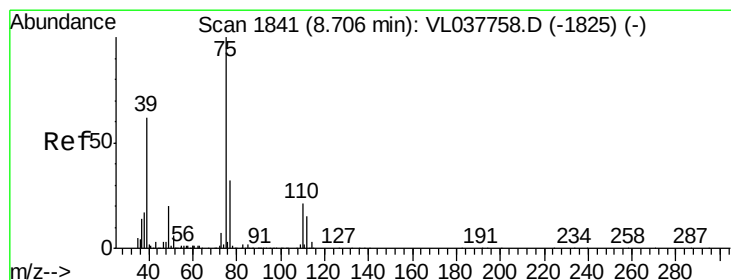
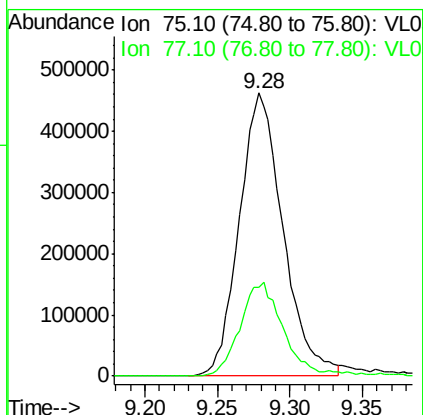
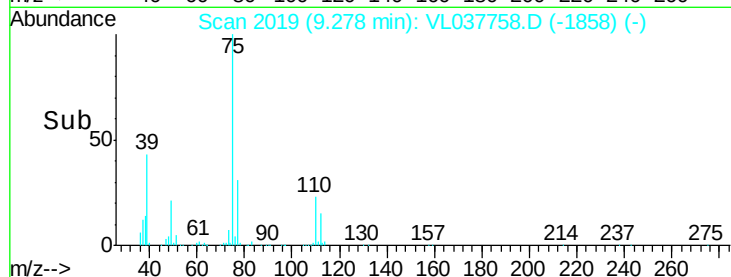
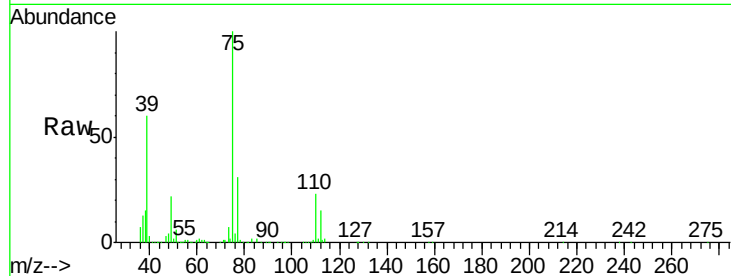


#45
t-1,3-Dichloropropene
Concen: 9.999 ppbv
RT: 9.28
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDICCC010
Acq: 4 Oct 2021 11:14

Tot Ion:
Ion Ratio
75 100
77 31.

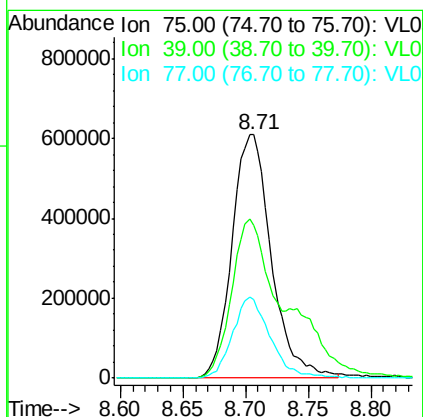
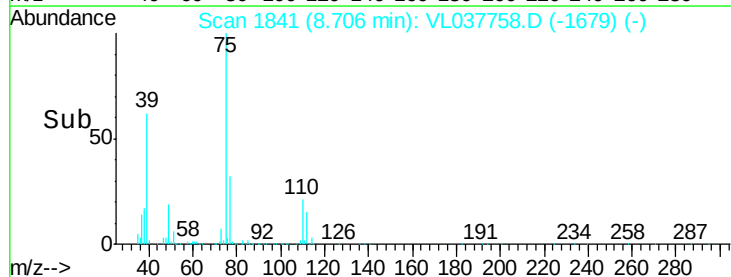
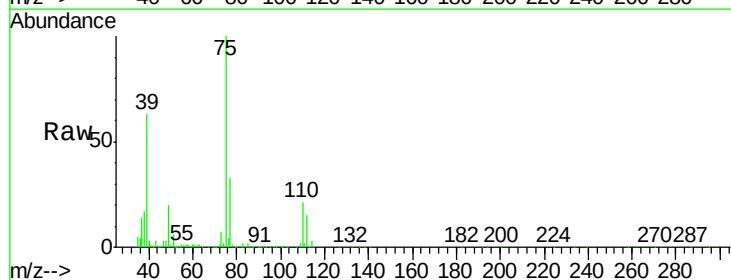
Manual Integrations
APPROVED

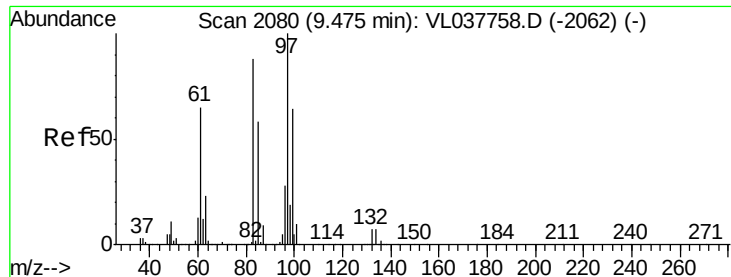
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#46
cis-1,3-Dichloropropene
Concen: 10.210 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 75 Resp: 1331783
Ion Ratio Lower Upper
75 100
39 62.4 50.2 75.4
77 32.4 25.2 37.8



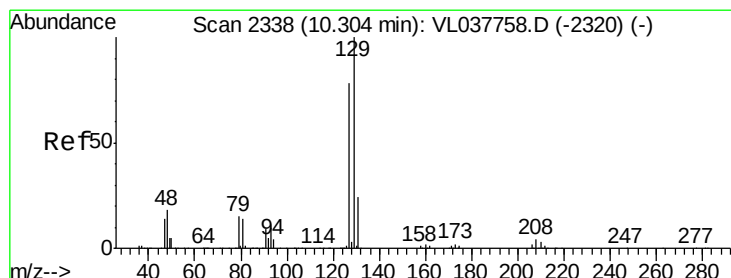
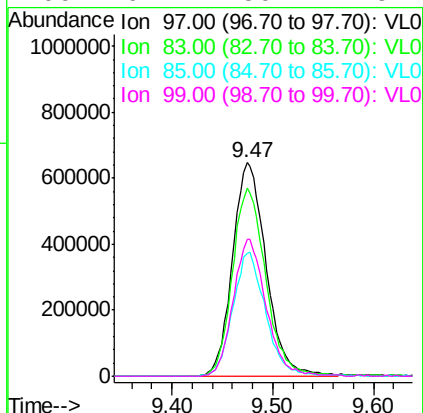
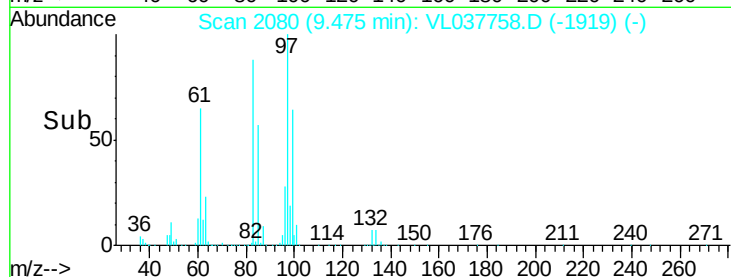
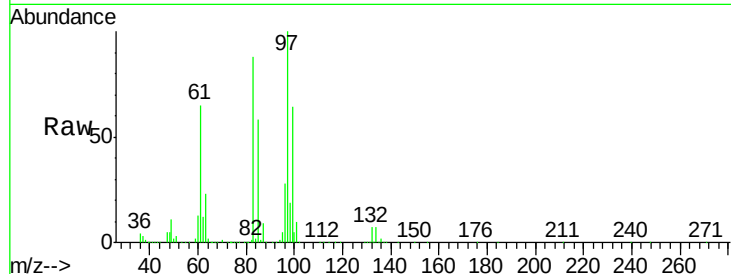


#47
 1,1,2-Trichloroethane
 Concen: 9.544 ppbv
 RT: 9.47
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 4 Oct 2021 11:14

Tot Ion:
 Ion Ratio
 97 100
 83 88.
 85 57.
 99 64.4 50.1 75.1

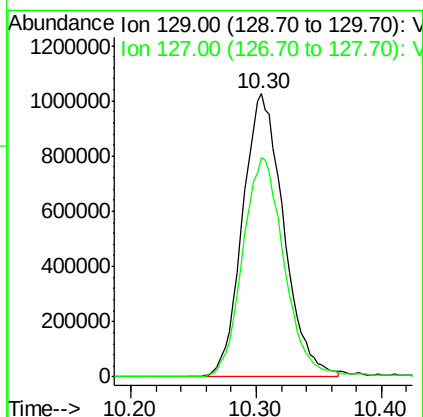
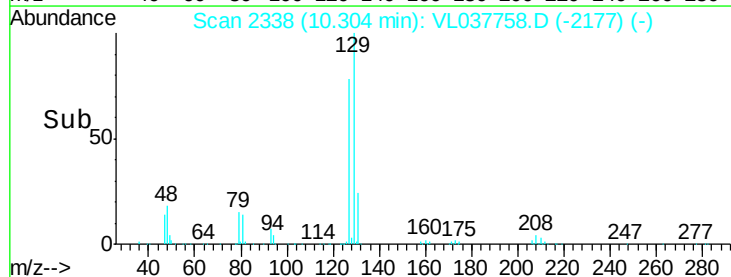
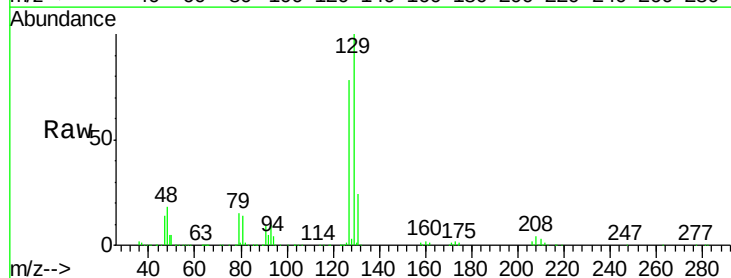
Manual Integrations
 APPROVED

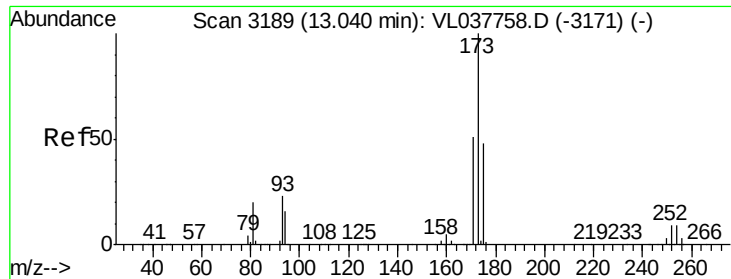
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#48
 Dibromochloromethane
 Concen: 10.673 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T.: 0.02 min
 Lab File: VL037758.D
 Acq: 4 Oct 2021 11:14

Tgt Ion:129 Resp: 2331117
 Ion Ratio Lower Upper
 129 100
 127 79.0 39.3 117.8



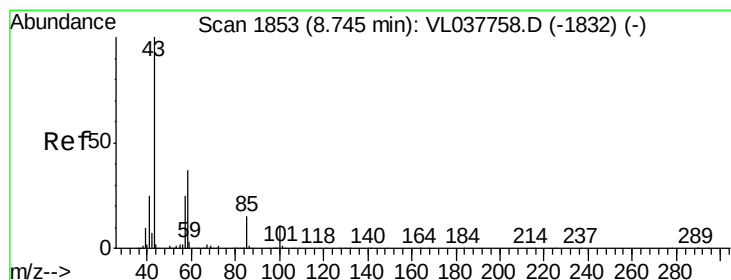
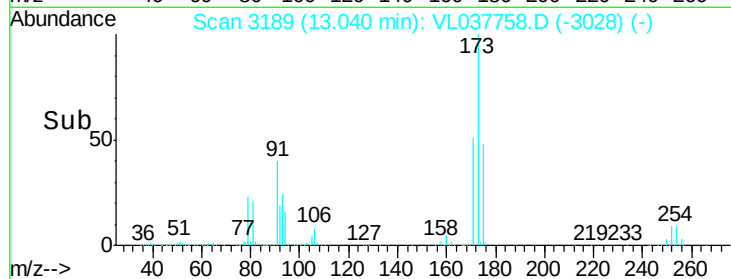
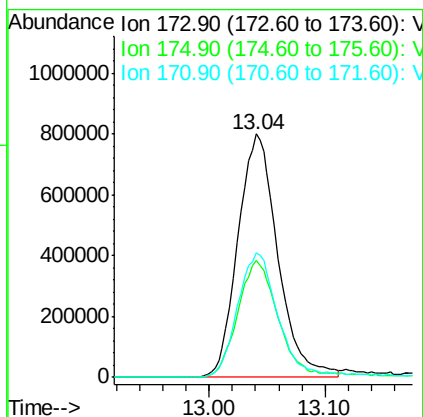
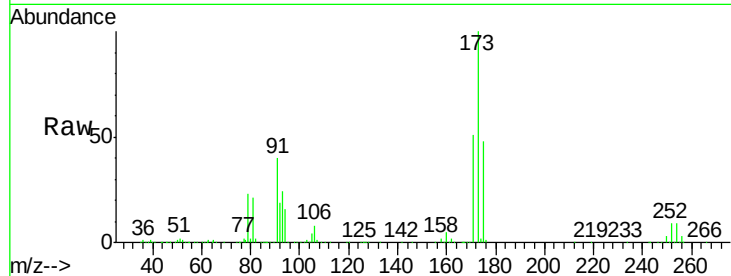


#49
Bromoform
Concen: 10.947 ppbv
RT: 13.04
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 4 Oct 2021 11:14

Tot Ion: 1
Ion Ratio
173 100
175 49.
171 54.

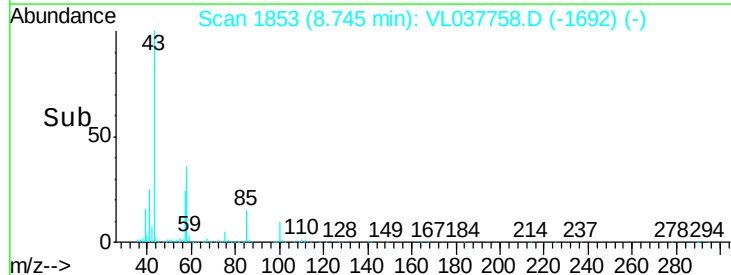
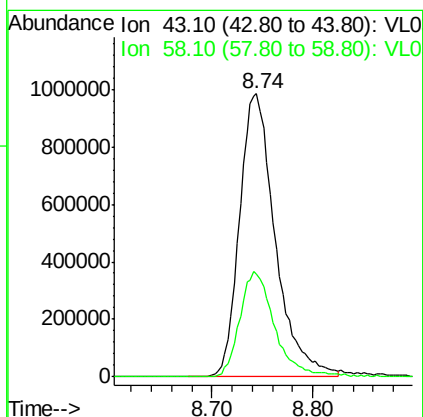
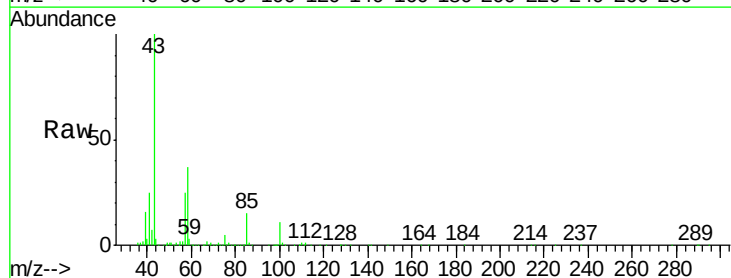
Manual Integrations
APPROVED

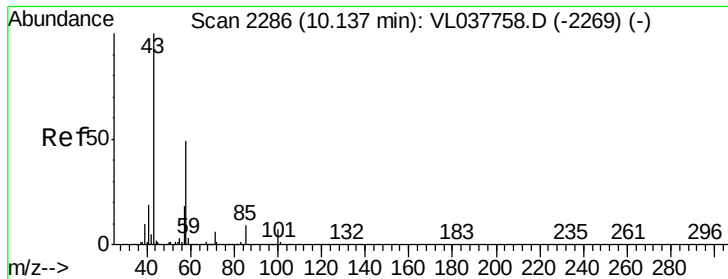
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#50
4-Methyl-2-Pentanone
Concen: 10.563 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 43 Resp: 2414485
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.2



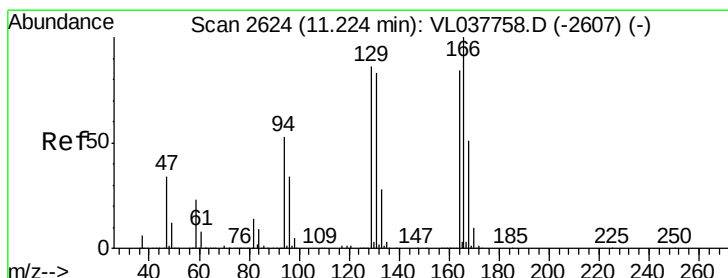
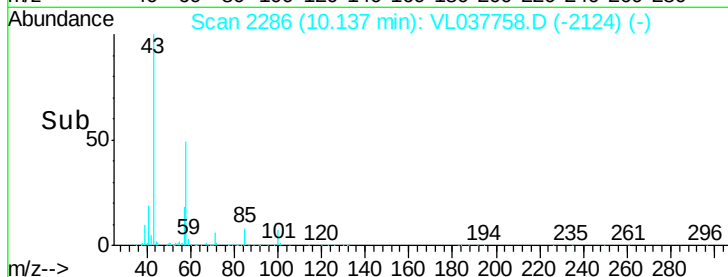
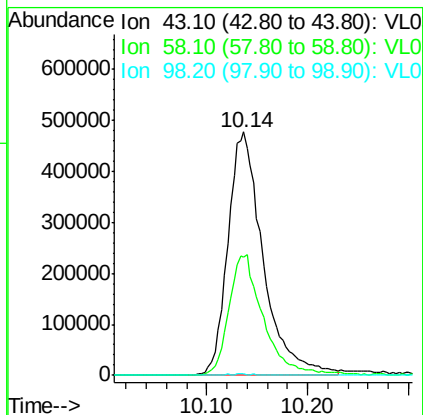
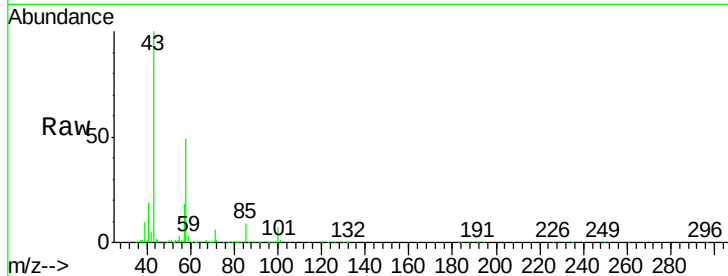


#51
2-Hexanone
Concen: 11.502 ppbv
RT: 10.14 min
Delta R.T.: 0.02 min
Lab File: VSTDICCC010
Acq: 4 Oct 2021 11:14

Tot Ion:
Ion Ratio
43 100
58 49.1
98 0.0

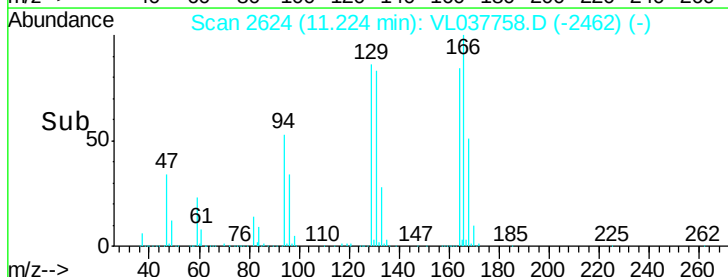
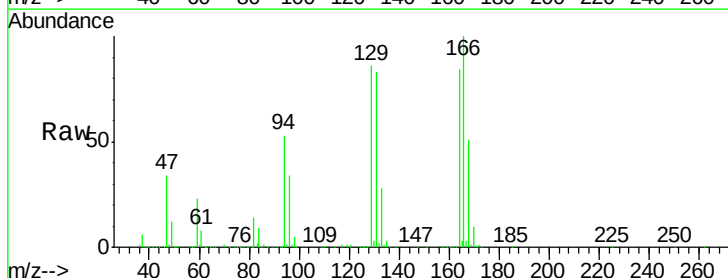
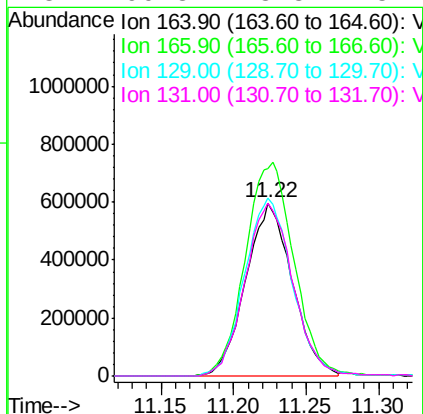
Manual Integrations
APPROVED

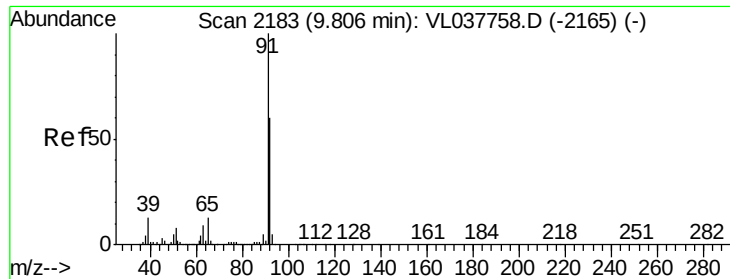
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#52
Tetrachloroethene
Concen: 9.341 ppbv
RT: 11.22 min Scan# 2624
Delta R.T.: 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:164 Resp: 1325090
Ion Ratio Lower Upper
164 100
166 119.3 101.2 151.8
129 102.8 84.0 126.0
131 99.3 78.8 118.2





#53

Toluene

Concen: 10.282 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Oct 2021 11:14 VSTDICCC010

Tot Ion:

Ion Ratio

91 100

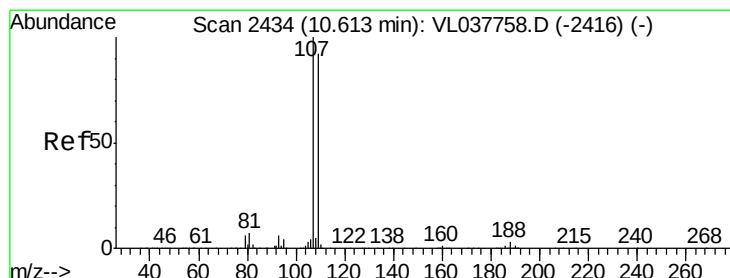
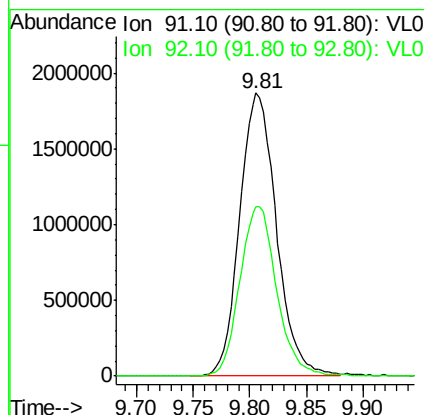
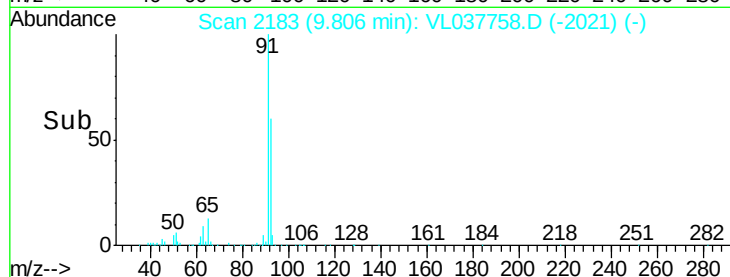
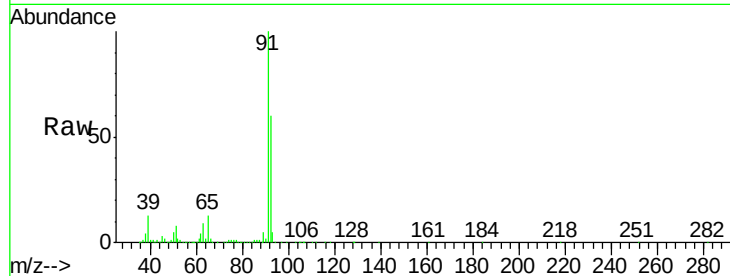
92 60.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021

Supervised By :Semsettin Yesilyurt 10/05/2021



#54

1,2-Dibromoethane

Concen: 9.651 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.02 min

Lab File: VL037758.D

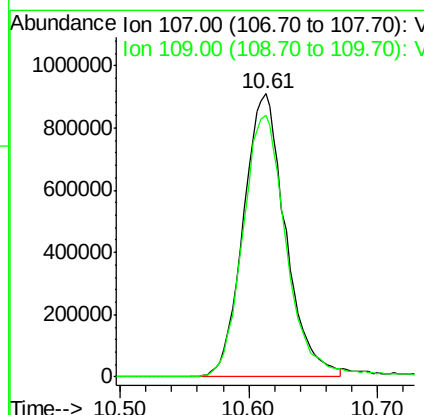
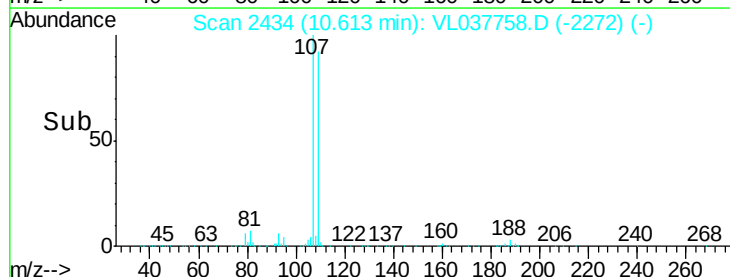
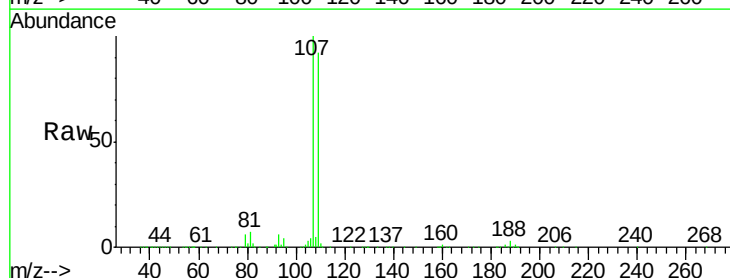
Acq: 4 Oct 2021 11:14

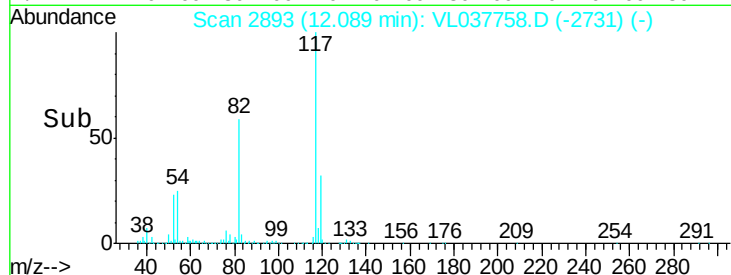
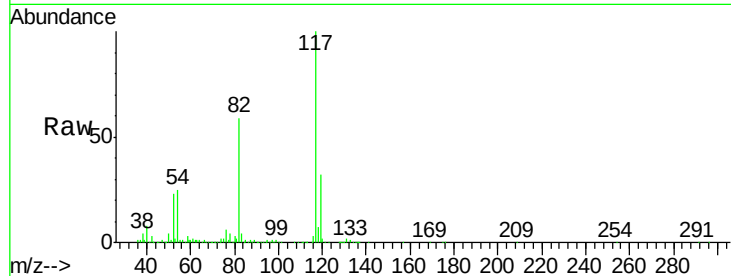
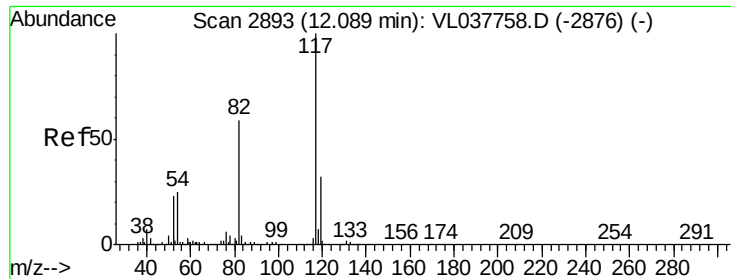
Tgt Ion:107 Resp: 2068872

Ion Ratio Lower Upper

107 100

109 92.2 76.0 114.0



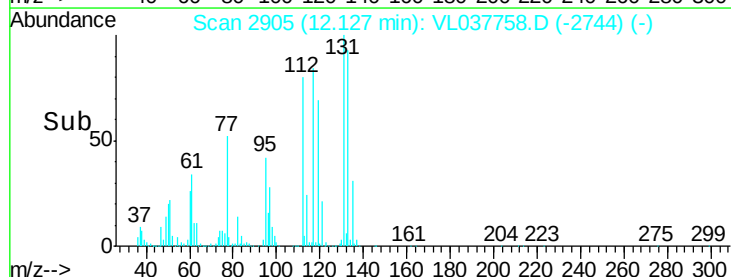
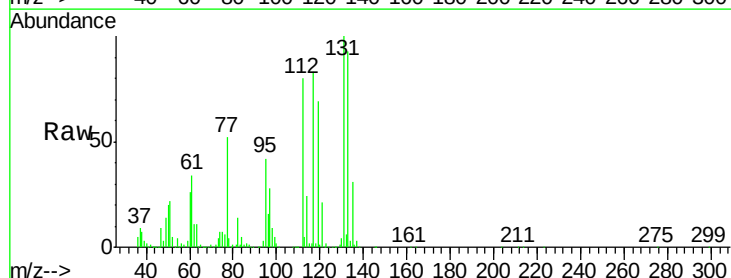
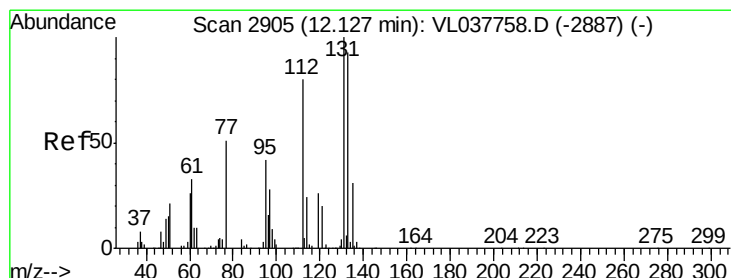
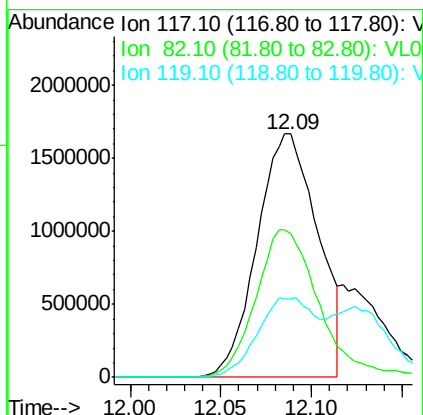


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDICCC010
Acq: 4 Oct 2021 11:14

Tot Ion:1
Ion Rati
117 100
82 65.
119 32.

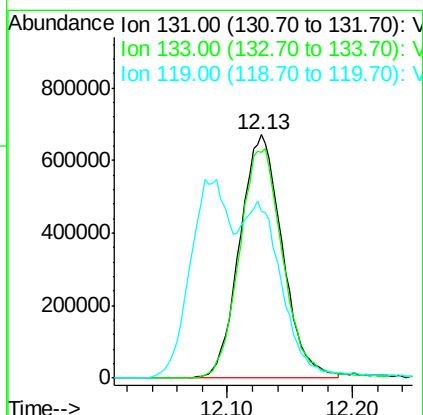
Manual Integrations
APPROVED

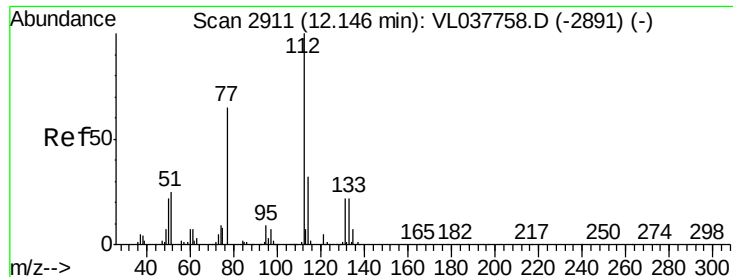
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.807 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:131 Resp: 1581121
Ion Ratio Lower Upper
131 100
133 98.1 76.8 115.2
119 64.6 47.8 71.8



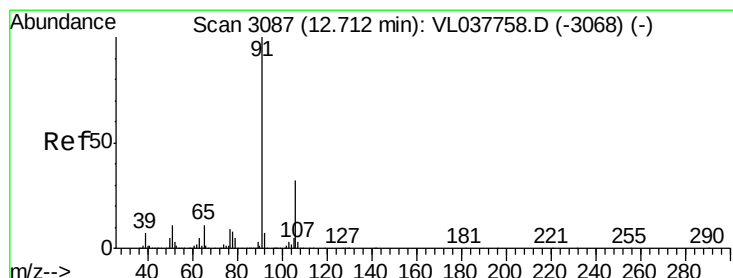
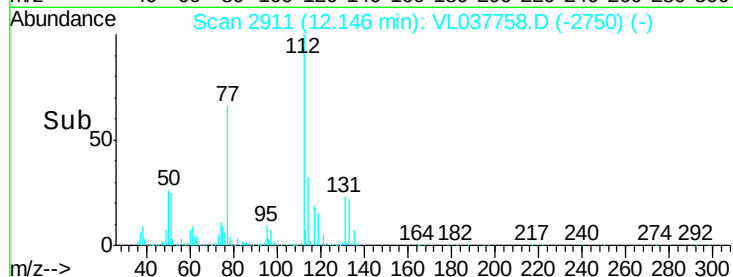
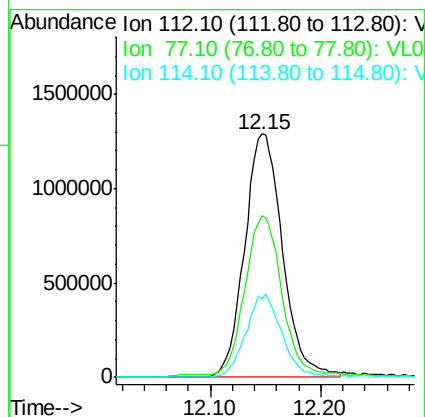
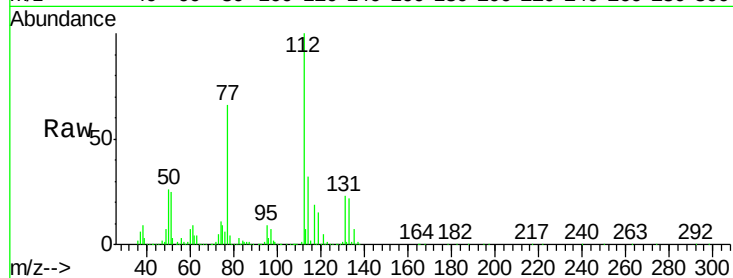


#57
Chlorobenzene
Concen: 9.494 ppbv
RT: 12.15
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 4 Oct 2021 11:14

Tot Ion: 1
Ion Ratio
112 100
77 64.
114 32.

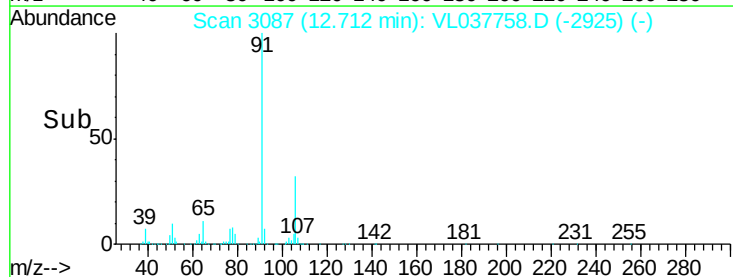
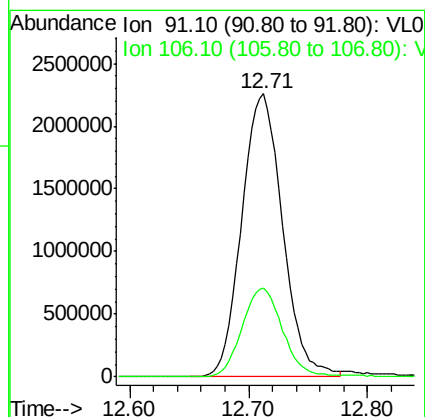
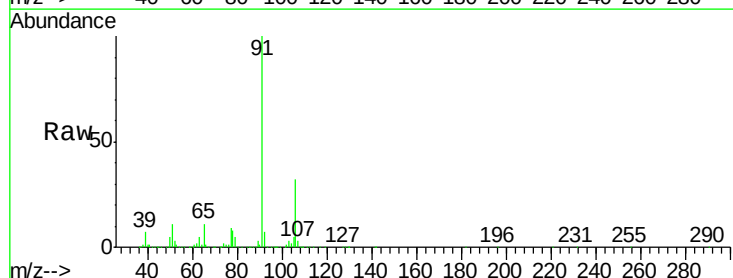
Manual Integrations
APPROVED

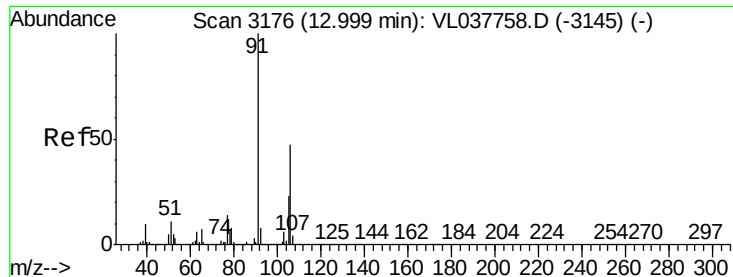
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#58
Ethyl Benzene
Concen: 10.388 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 91 Resp: 5360065
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



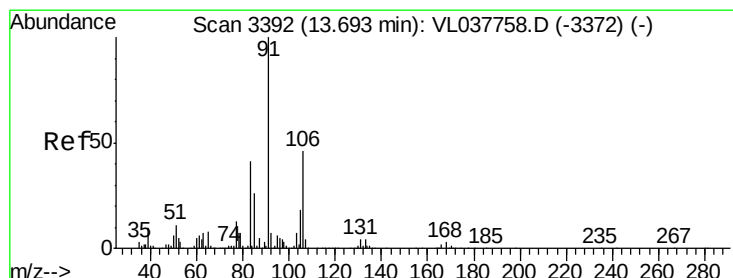
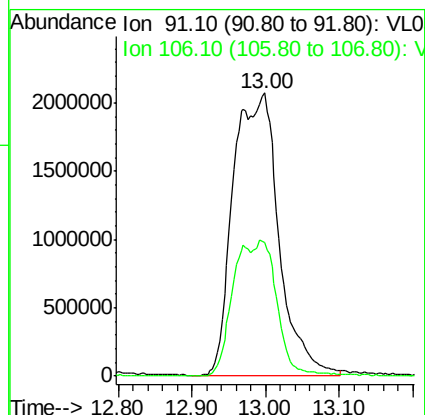
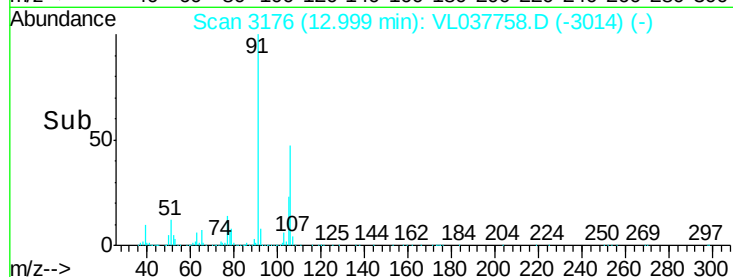
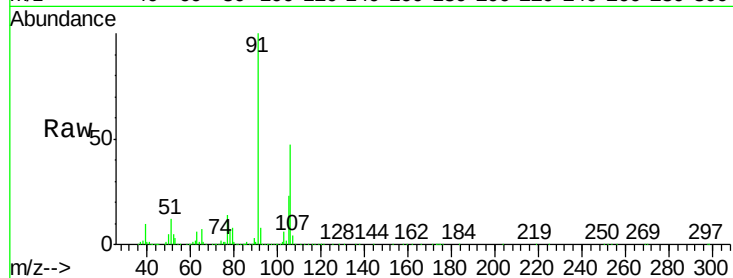


#59
m/p-Xylene
Concen: 19.890 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 4 Oct 2021 11:14

Tot Ion:
Ion Ratio
91 100
106 45.

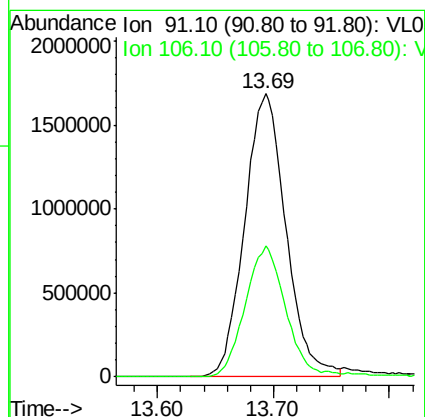
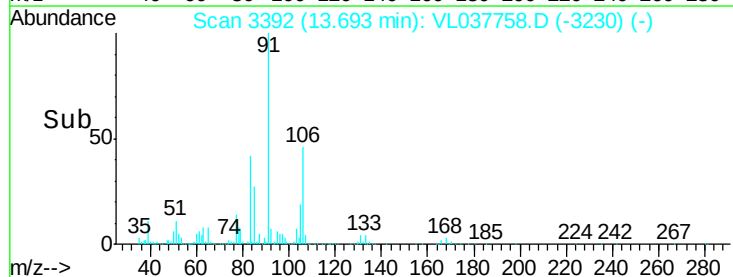
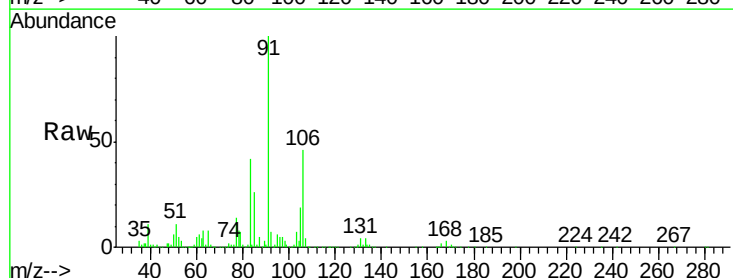
Manual Integrations
APPROVED

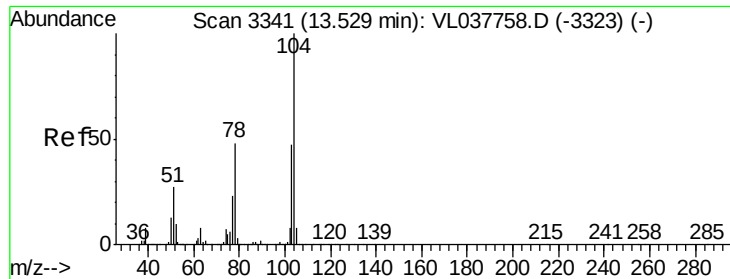
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#60
o-Xylene
Concen: 9.734 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 91 Resp: 4165599
Ion Ratio Lower Upper
91 100
106 47.0 23.0 69.0



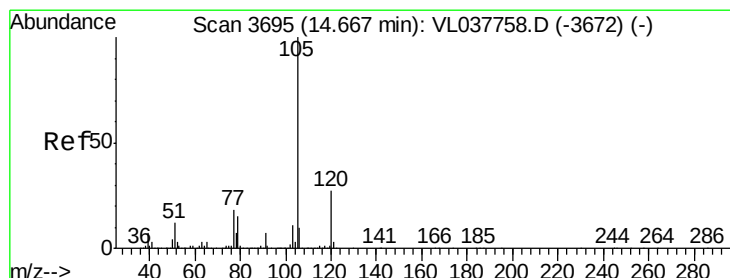
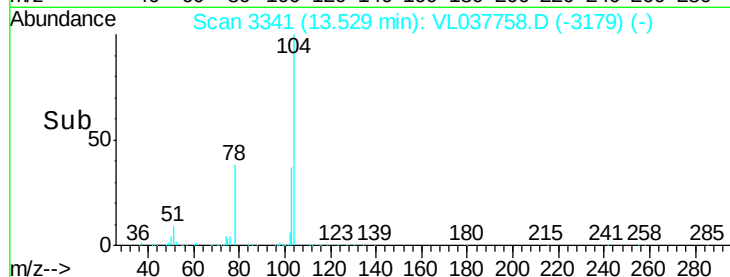
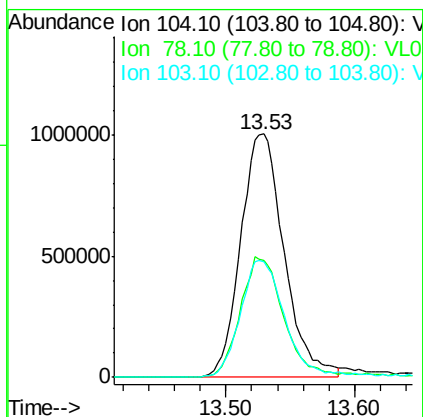
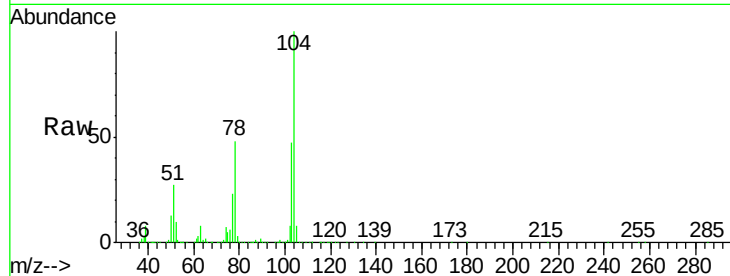


#61
Stvrene
Concen: 11.175 ppbv
RT: 13.53
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 4 Oct 2021 11:14

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

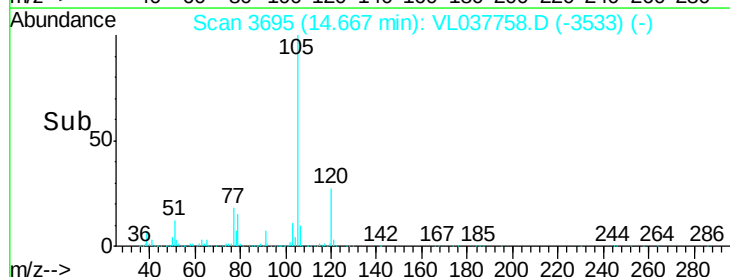
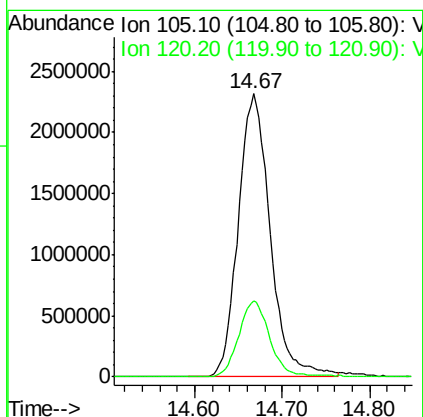
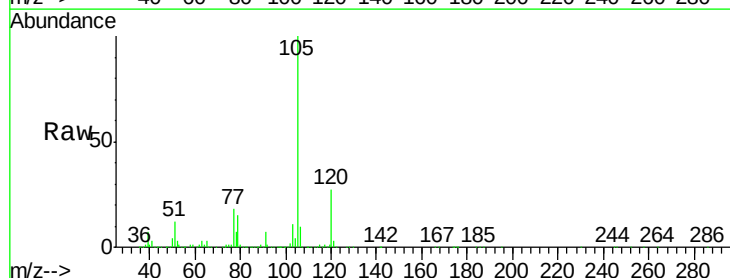
Manual Integrations
APPROVED

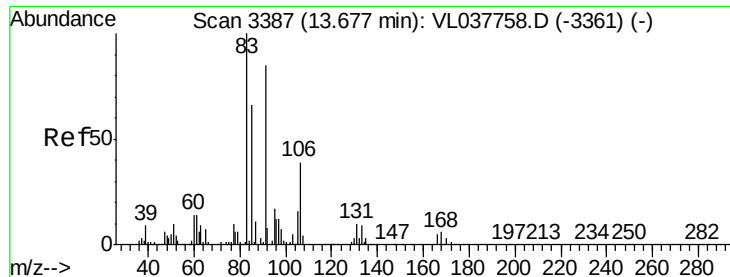
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#62
Isopropylbenzene
Concen: 9.825 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion:105 Resp: 5874158
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0





#63

1,1,2,2-Tetrachloroethane

Concen: 8.975 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Oct 2021 11:14

Tot Ion:

Ion Ratio

83 100

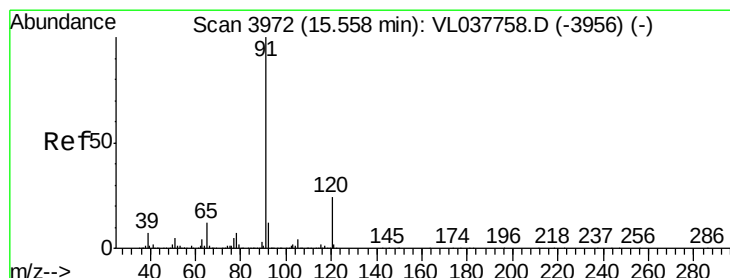
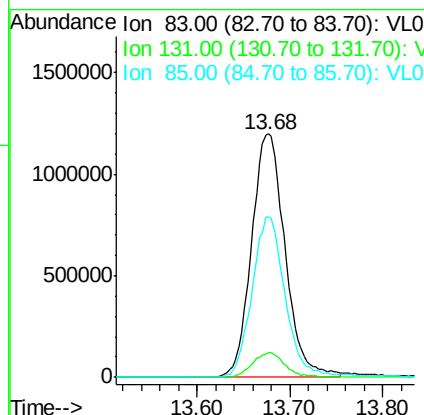
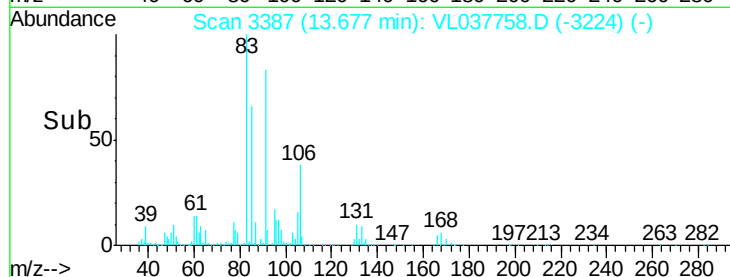
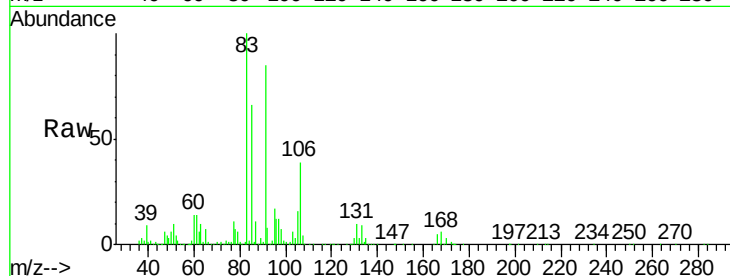
131 10.

85 66.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#64

n-propylbenzene

Concen: 9.844 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. 0.02 min

Lab File: VL037758.D

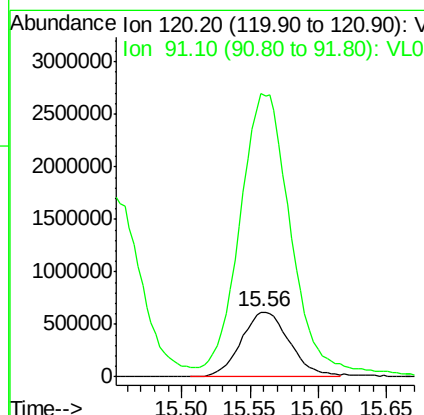
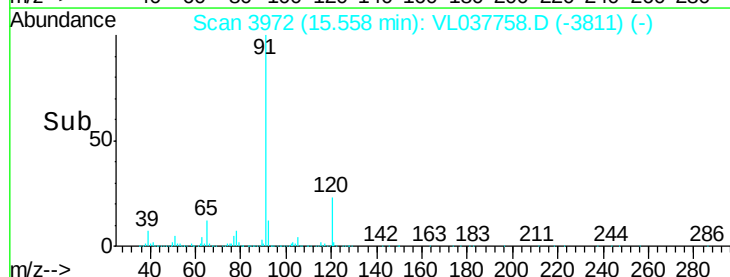
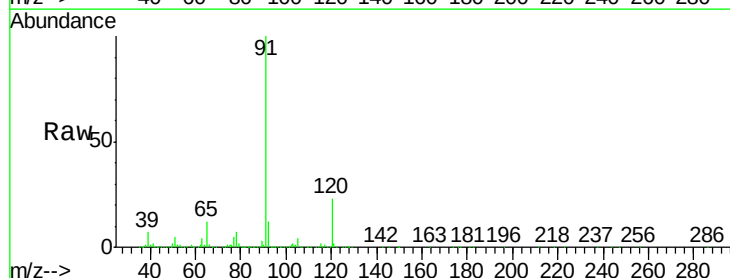
Acq: 4 Oct 2021 11:14

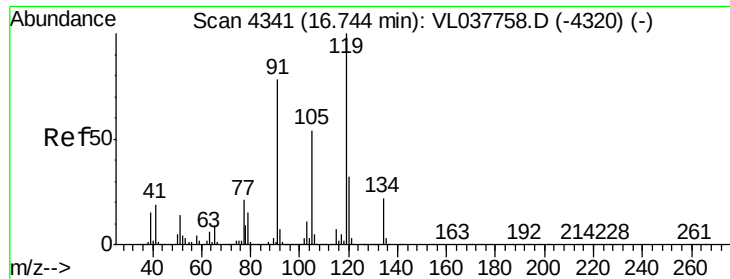
Tgt Ion:120 Resp: 1518768

Ion Ratio Lower Upper

120 100

91 468.8 345.0 517.4



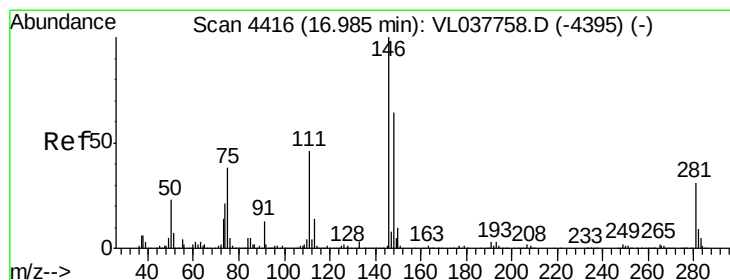
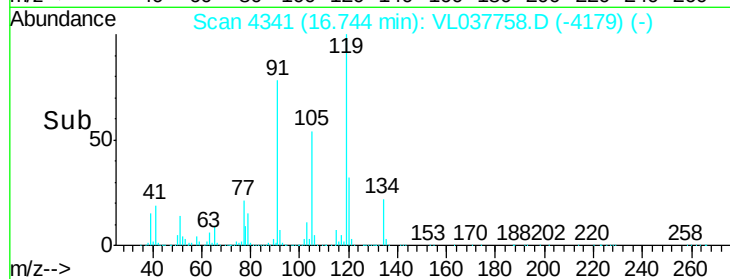
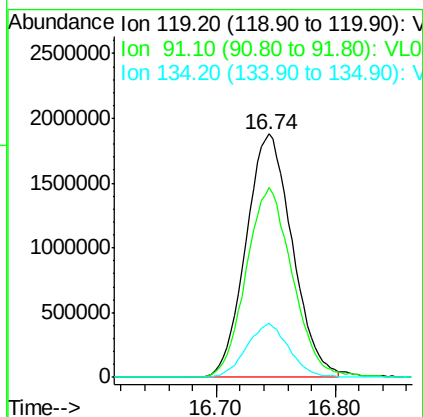
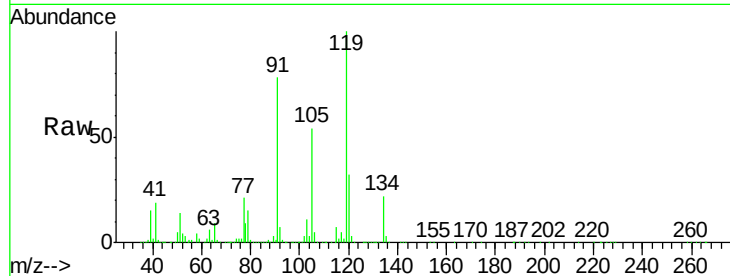


#65
tert-Butylbenzene
Concen: 9.380 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 4 Oct 2021 11:14

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

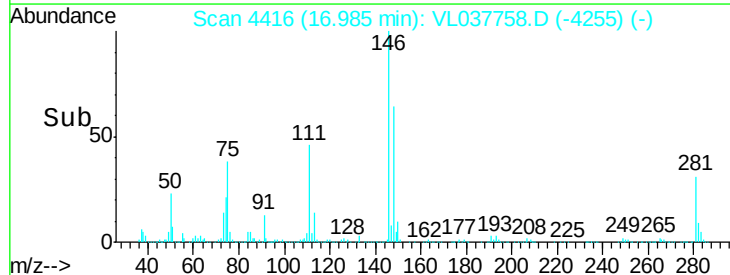
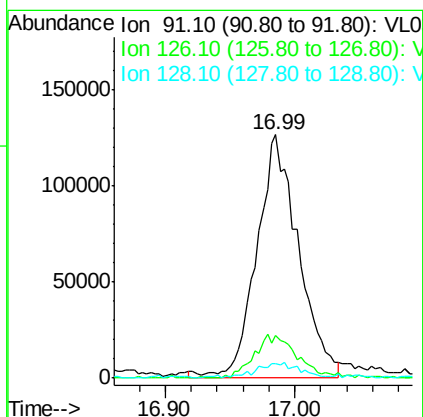
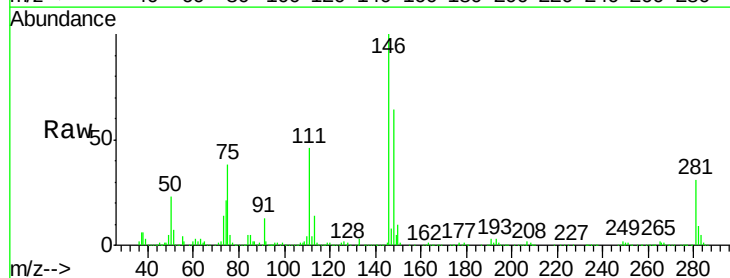
Manual Integrations
APPROVED

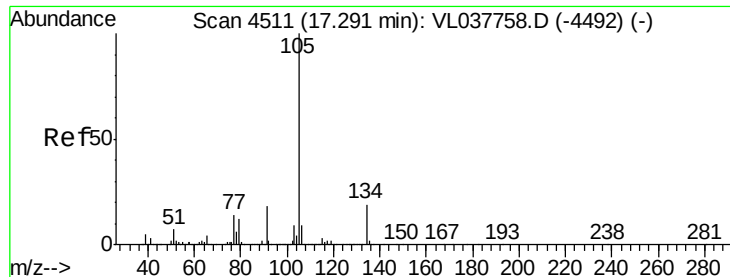
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#66
Benzyl Chloride
Concen: 9.658 ppbv m
RT: 16.99 min Scan# 4416
Delta R.T. 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 91 Resp: 284503
Ion Ratio Lower Upper
91 100
126 0.0 14.4 21.6#
128 6.6 5.7 8.5



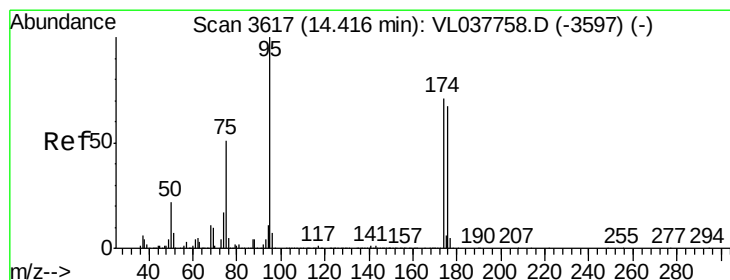
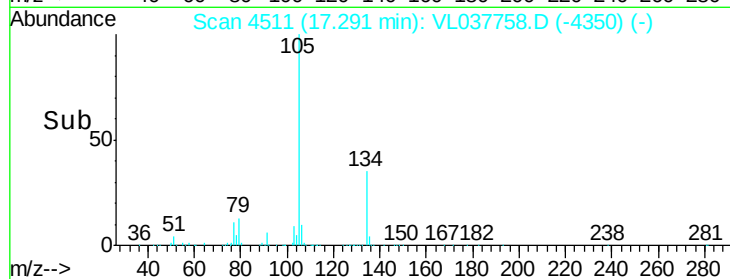
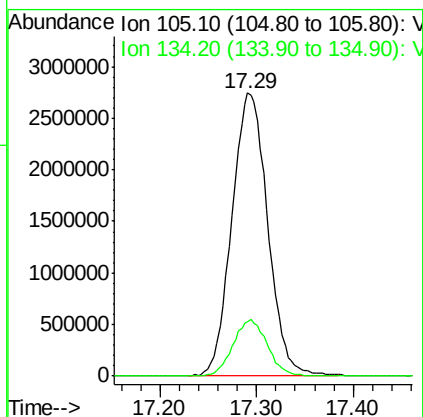
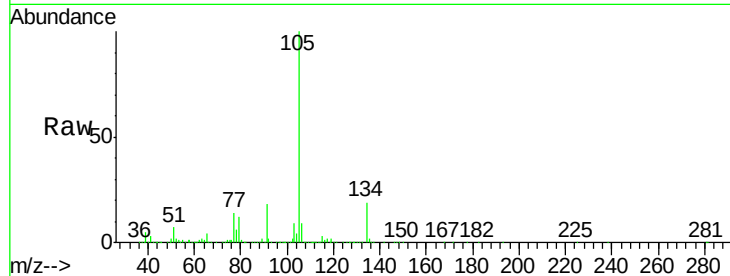


#67
 sec-Butylbenzene
 Concen: 9.653 ppbv
 RT: 17.29 min
 Delta R.T.: 0.02 min
 Lab File: VSTDICCC010
 Acq: 4 Oct 2021 11:14

Tot Ion: 1
 Ion Ratio
 105 100
 134 19.

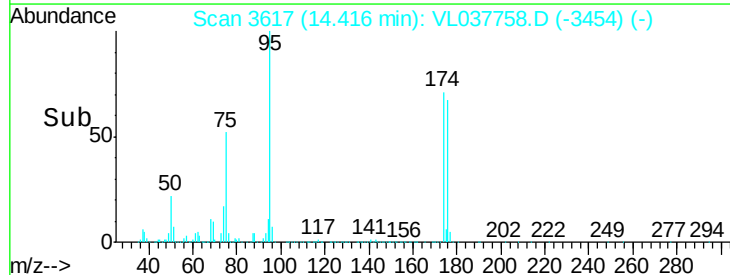
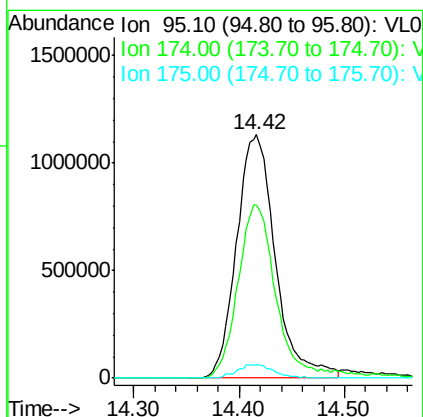
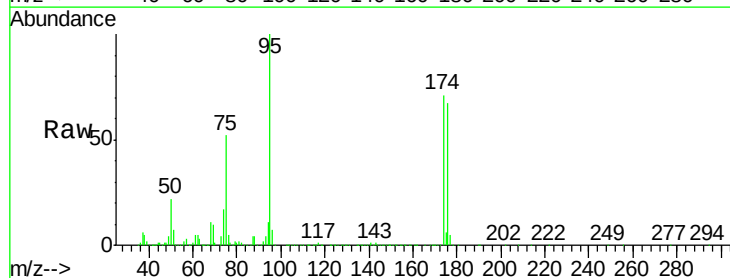
Manual Integrations
 APPROVED

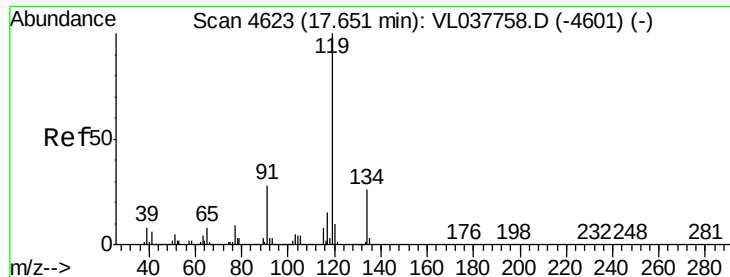
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.313 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T.: 0.02 min
 Lab File: VL037758.D
 Acq: 4 Oct 2021 11:14

Tgt Ion: 95 Resp: 2896944
 Ion Ratio Lower Upper
 95 100
 174 72.2 56.3 84.5
 175 5.9 4.4 6.6



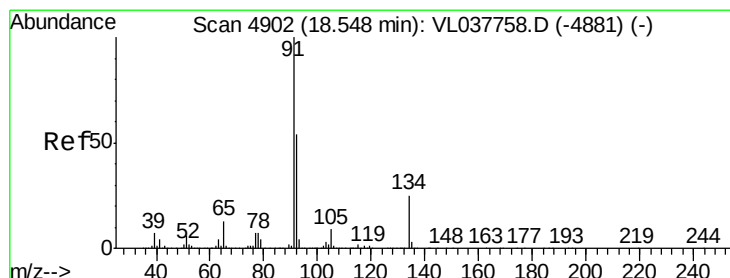
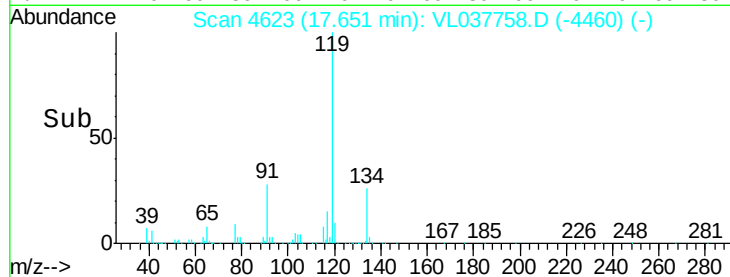
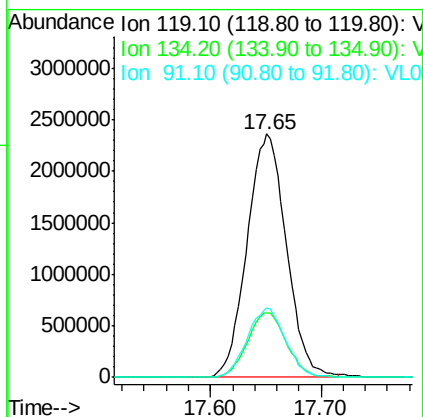
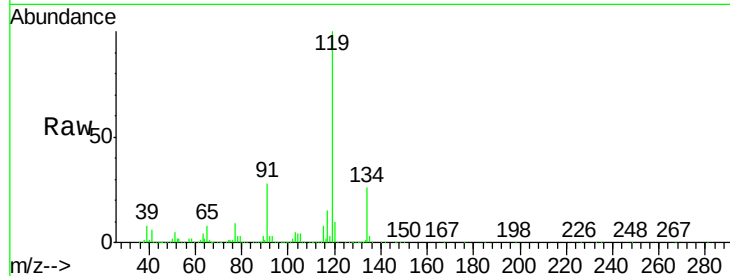


#69
 p-Isopropyltoluene
 Concen: 9.718 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 4 Oct 2021 11:14

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

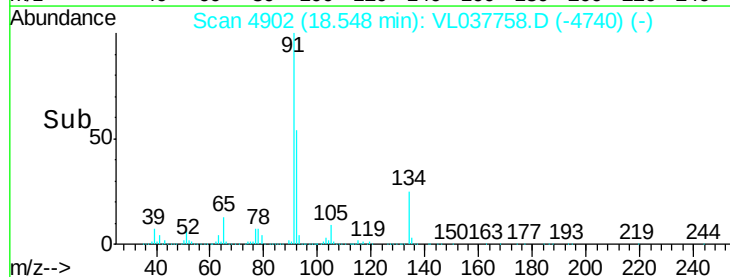
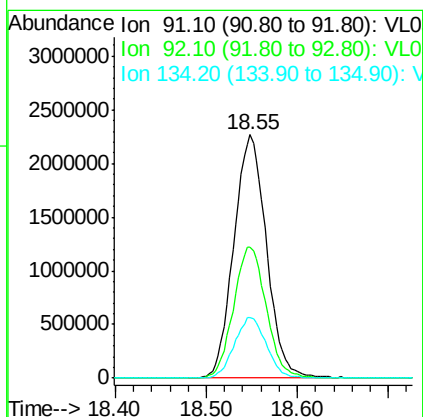
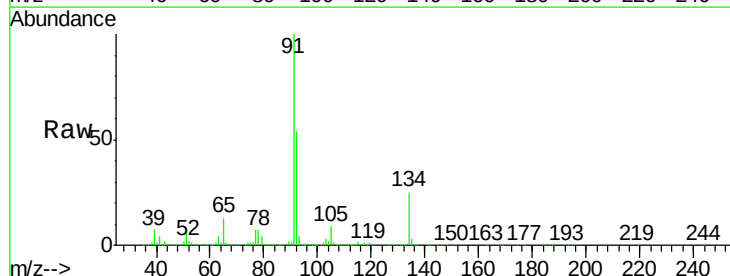
Manual Integrations
 APPROVED

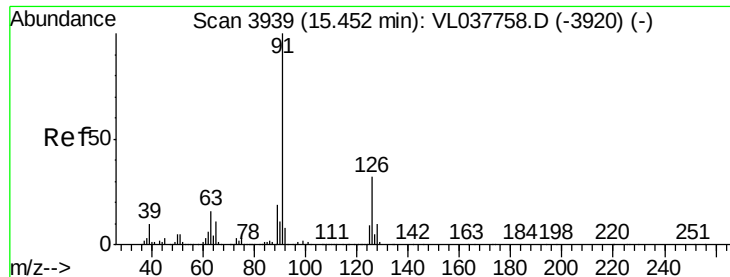
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#70
 n-Butylbenzene
 Concen: 9.966 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T.: 0.02 min
 Lab File: VL037758.D
 Acq: 4 Oct 2021 11:14

Tgt Ion: 91 Resp: 5634210
 Ion Ratio Lower Upper
 91 100
 92 54.2 44.0 66.0
 134 24.7 19.5 29.3





#71

2-Chlorotoluene

Concen: 9.895 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Oct 2021 11:14

Tot Ion:

Ion Ratio

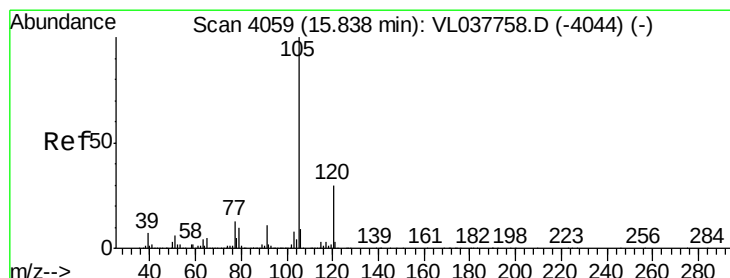
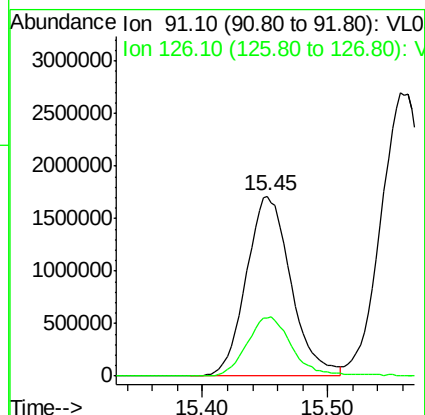
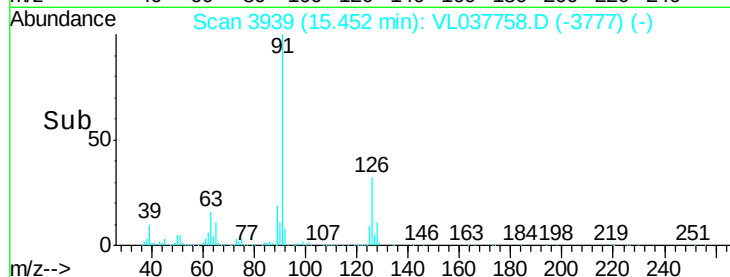
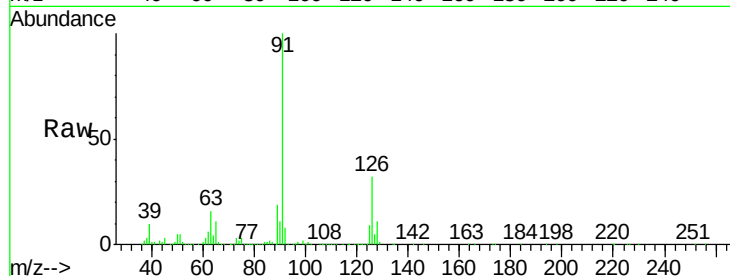
91 100

126 34.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#72

4-Ethyltoluene

Concen: 10.243 ppbv

RT: 15.84 min Scan# 4059

Delta R.T. 0.02 min

Lab File: VL037758.D

Acq: 4 Oct 2021 11:14

Tgt Ion:105 Resp: 5032012

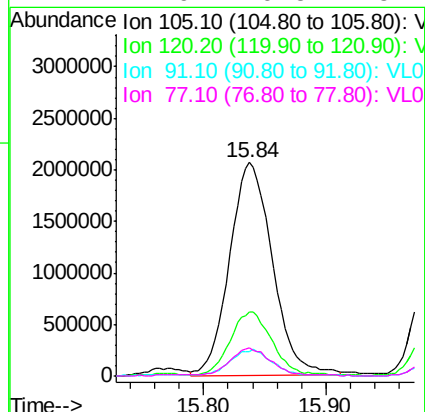
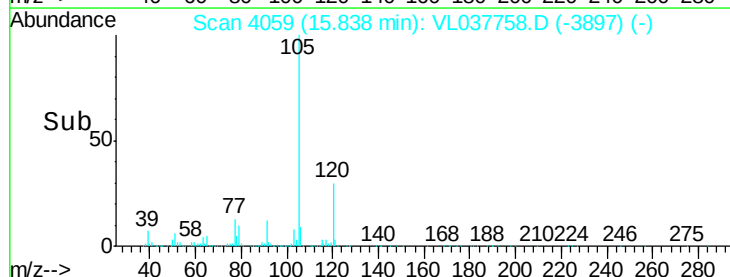
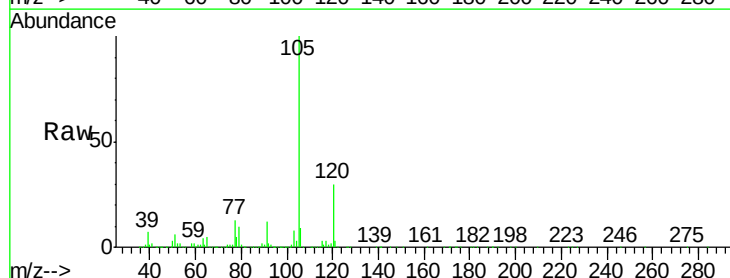
Ion Ratio Lower Upper

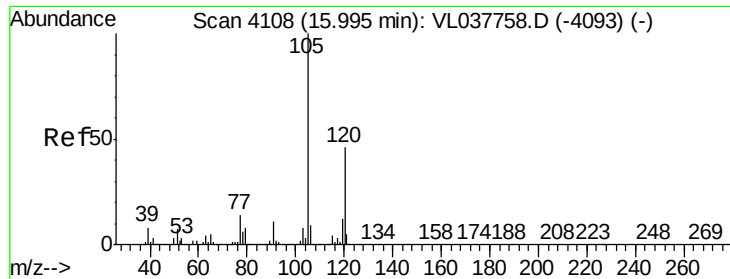
105 100

120 30.2 24.7 37.1

91 13.0 9.9 14.9

77 12.9 10.5 15.7





#73

1,3,5-Trimethylbenzene

Concen: 9.727 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Oct 2021 11:14

Tot Ion:1

Ion Rati

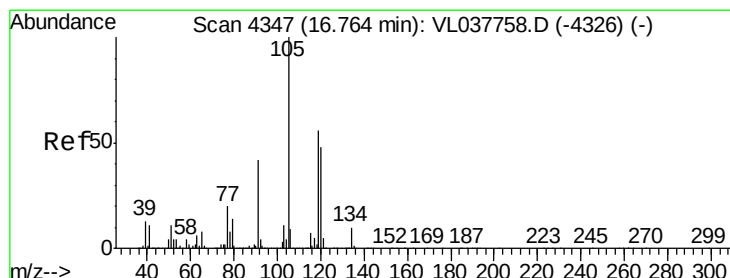
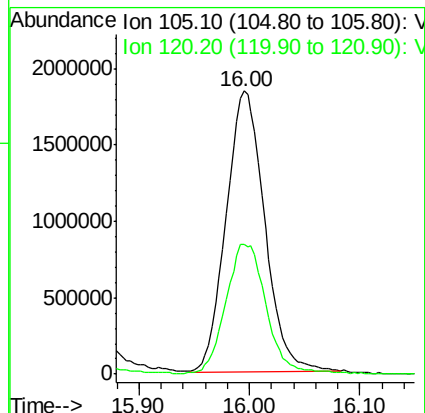
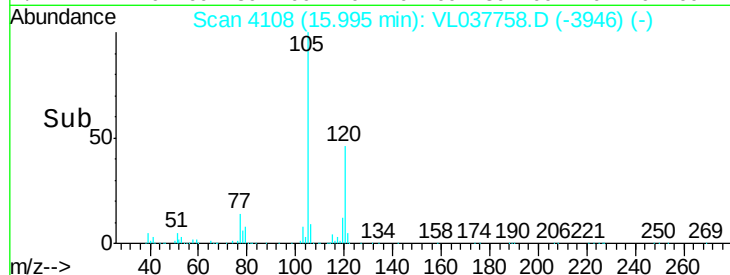
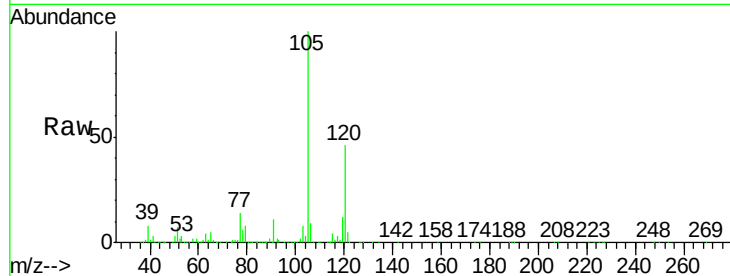
105 100

120 45.

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#74

1,2,4-Trimethylbenzene

Concen: 9.546 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.02 min

Lab File: VL037758.D

Acq: 4 Oct 2021 11:14

Tgt Ion:105 Resp: 4604363

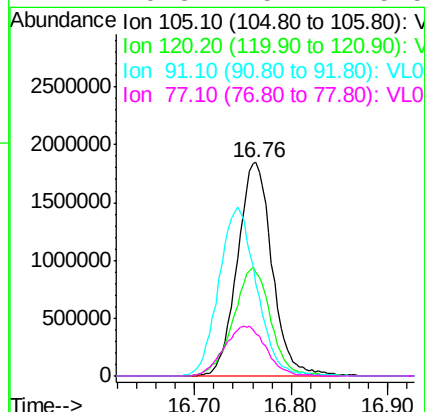
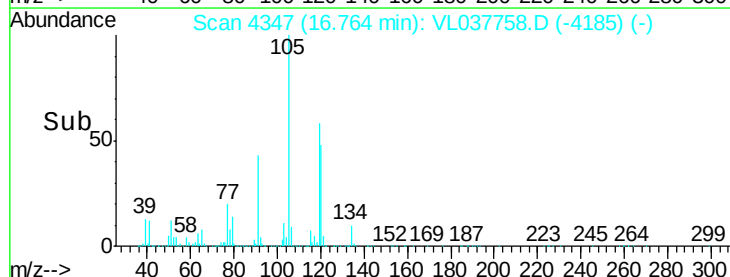
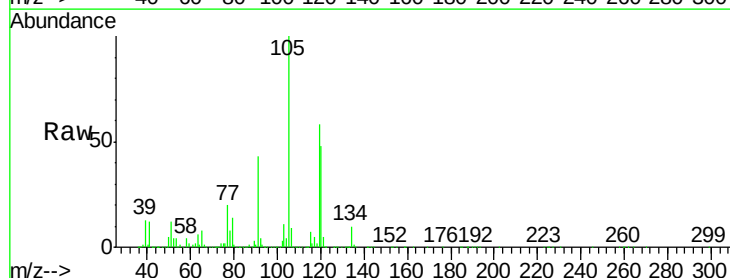
Ion Ratio Lower Upper

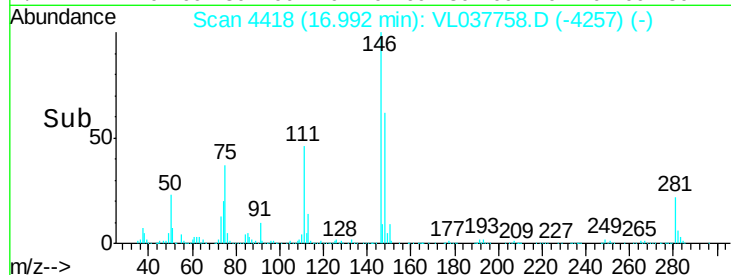
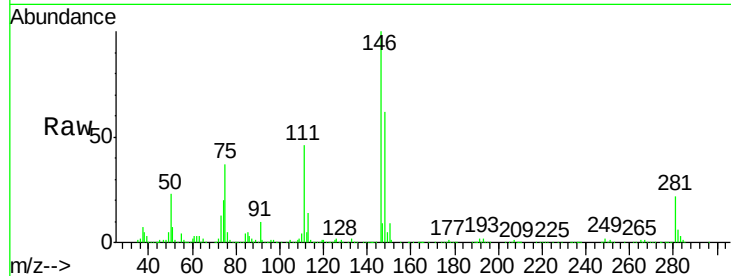
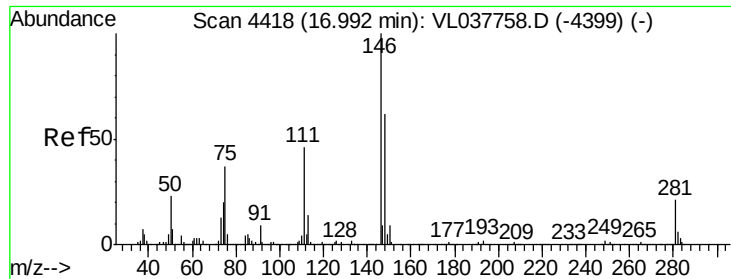
105 100

120 48.0 39.4 59.0

91 42.7 33.3 49.9

77 19.8 15.7 23.5



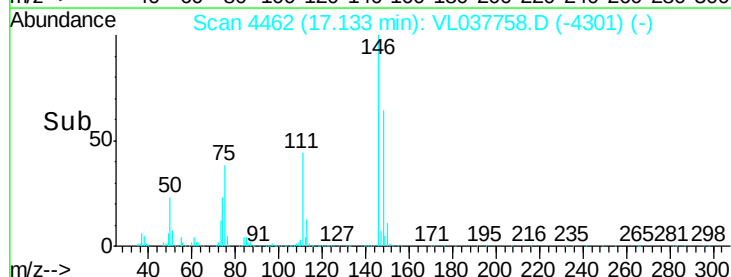
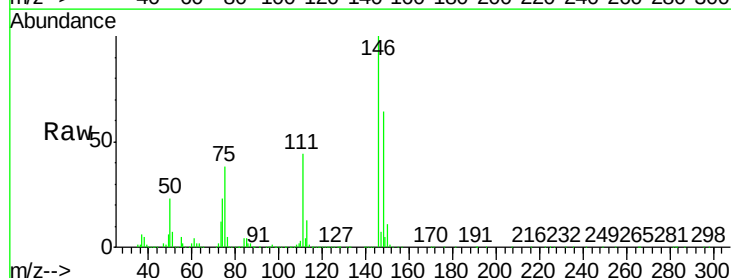
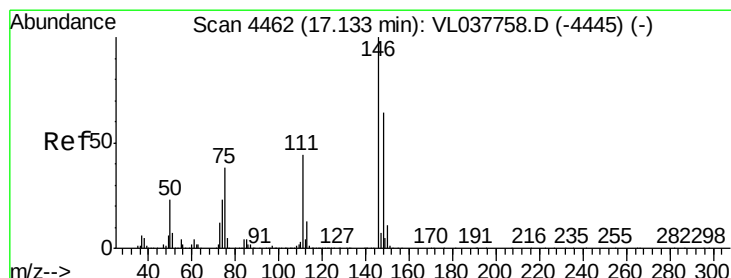
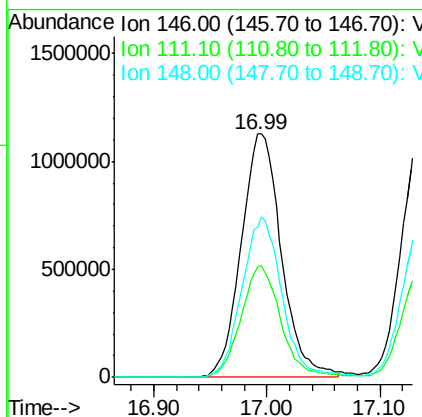


#75
 1,3-Dichlorobenzene
 Concen: 9.274 ppbv
 RT: 16.99
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 4 Oct 2021 11:14

Tot Ion:1
 Ion Rati
 146 100
 111 45.
 148 65.

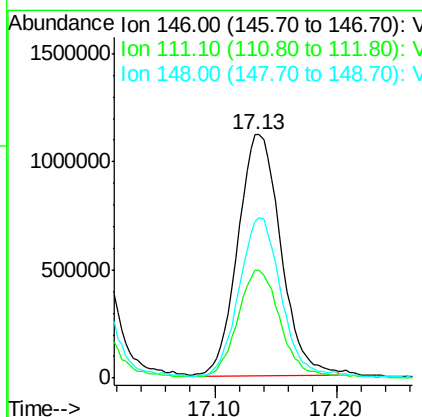
Manual Integrations
 APPROVED

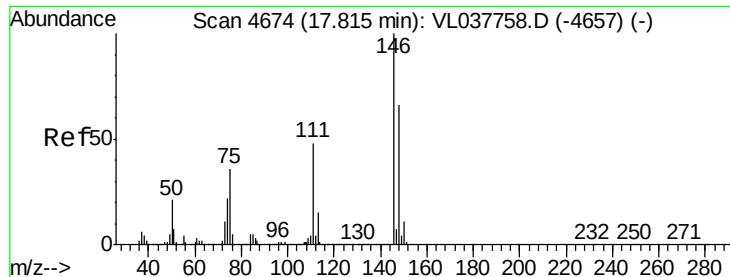
Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021



#76
 1,4-Dichlorobenzene
 Concen: 9.220 ppbv
 RT: 17.13 min Scan# 4462
 Delta R.T. 0.02 min
 Lab File: VL037758.D
 Acq: 4 Oct 2021 11:14

Tgt Ion:146 Resp: 2725090
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.5 67.5
 148 66.6 32.9 98.6



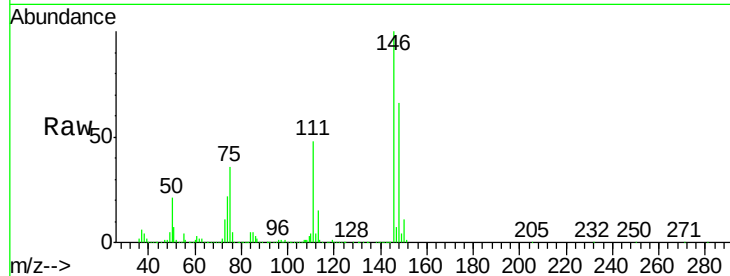


#77
 1,2-Dichlorobenzene
 Concen: 9.397 ppbv
 RT: 17.82 min
 Delta R.T.: 0.02 min
 Lab File: VSTDICCC010
 Acq: 4 Oct 2021 11:14

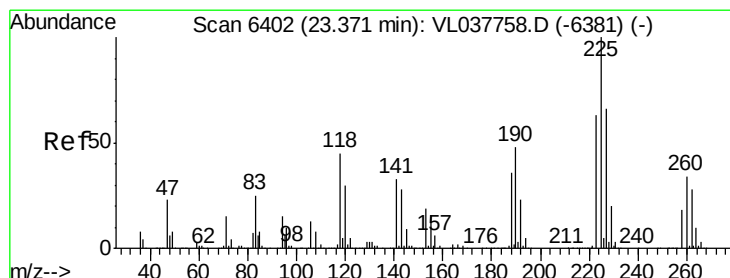
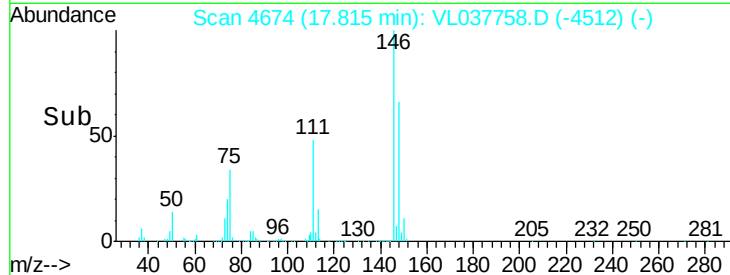
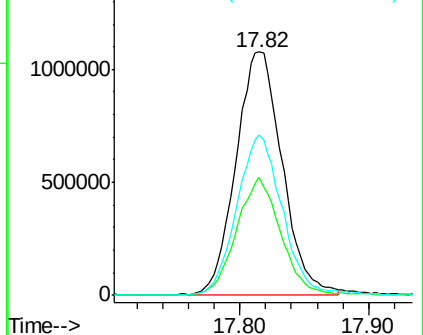
Tot Ion: 1
 Ion Ratio
 146 100
 111 47.1
 148 65.1

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 10/05/2021
 Supervised By : Semsettin Yesilyurt 10/05/2021

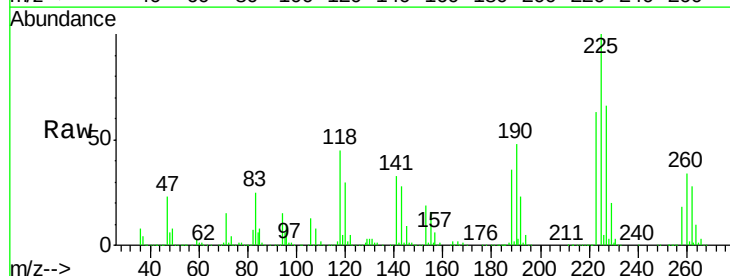


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

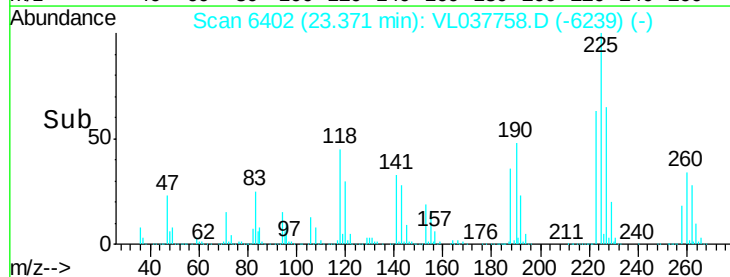
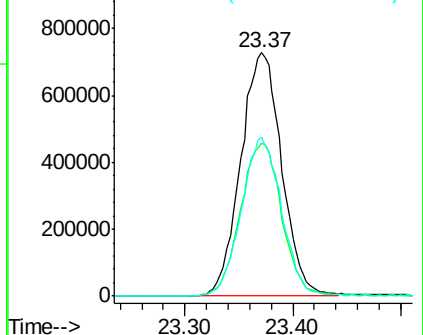


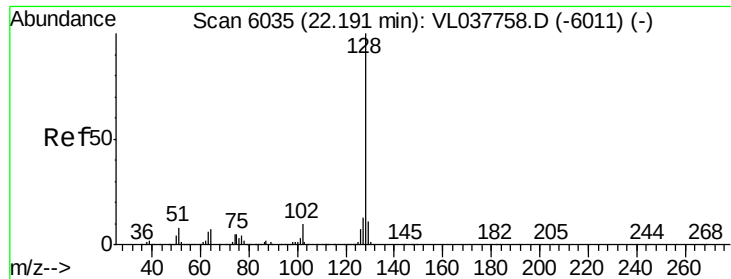
#78
 Hexachloro-1,3-Butadiene
 Concen: 7.988 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T.: 0.02 min
 Lab File: VL037758.D
 Acq: 4 Oct 2021 11:14

Tgt Ion: 225 Resp: 1910868
 Ion Ratio Lower Upper
 225 100
 223 64.0 51.1 76.7
 227 63.9 52.2 78.4



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



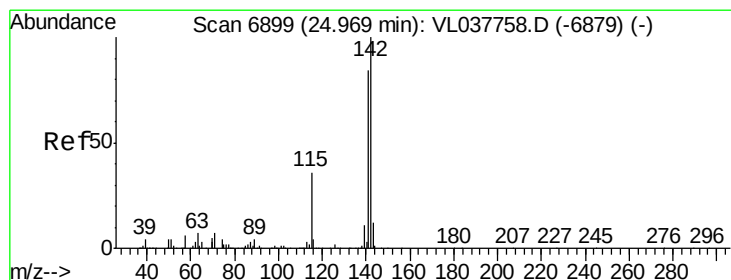
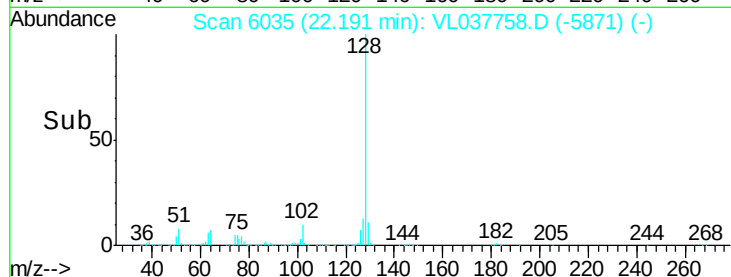
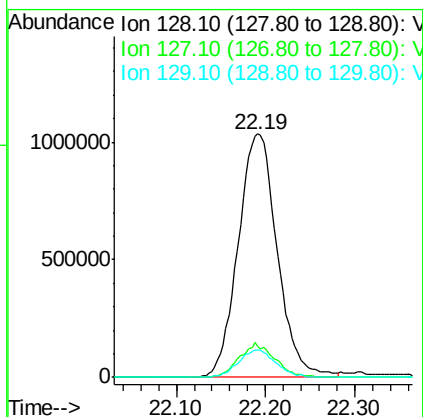
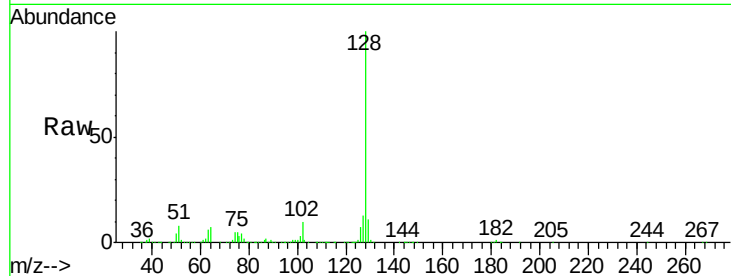


#79
Naphthalene
Concen: 10.661 ppbv
RT: 22.19 min
Instrument: MSVOA_L
Delta R.T.: 0.02 min
Lab File: ClientSampleId : VSTDICCC010
Acq: 4 Oct 2021 11:14

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

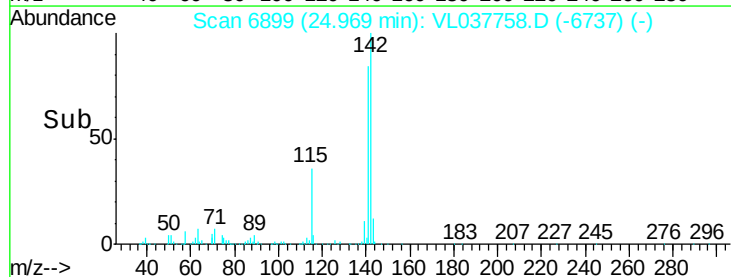
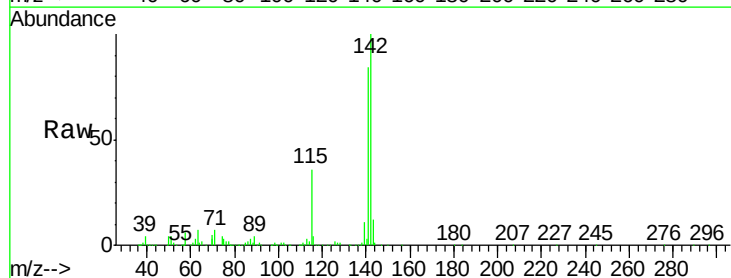
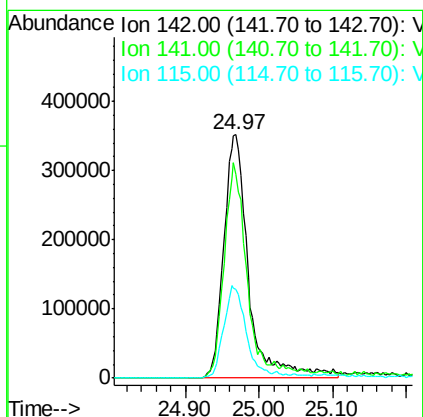
Manual Integrations
APPROVED

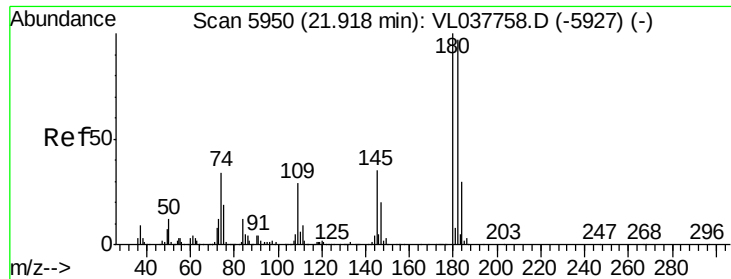
Reviewed By :Mahesh Dadoda 10/05/2021
Supervised By :Semsettin Yesilyurt 10/05/2021



#80
Naphthalene, 2-methyl-
Concen: 12.179 ppbv
RT: 24.97 min Scan# 6899
Delta R.T.: 0.02 min
Lab File: VL037758.D
Acq: 4 Oct 2021 11:14

Tgt Ion: 142 Resp: 824420
Ion Ratio Lower Upper
142 100
141 85.7 70.9 106.3
115 36.3 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.875 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 4 Oct 2021 11.14

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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/05/2021
 Supervised By :Semsettin Yesilyurt 10/05/2021

