

Data File : VL037887.D
Acq On : 20 Oct 2021 14:41
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

Quant Time: Oct 25 11:50:05 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 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1234044	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3627040	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3441580m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2293838	9.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	1842764	9.349	ppbv	99
3) Chlorodifluoromethane	2.99	51	2527404	10.659	ppbv	99
4) Chloromethane	3.14	50	961685	11.073	ppbv	97
5) Vinyl Chloride	3.26	62	959659	12.054	ppbv	98
6) Bromomethane	3.47	94	448044	10.404	ppbv	99
7) Chloroethane	3.56	64	335940	11.476	ppbv	92
8) Dichlorotetrafluoroethane	3.19	85	2120697	10.885	ppbv	99
9) Propene	3.01	41	926435	10.619	ppbv	96
10) Heptane	8.12	43	2361618	11.919	ppbv	100
11) Trichlorofluoromethane	3.95	101	1892469	10.761	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1412288	10.599	ppbv	98
13) Ethanol	3.61	45	95085m	13.327	ppbv	
14) Bromoethene	3.74	108	650076	11.096	ppbv	98
15) Acetone	3.85	43	1355359	12.235	ppbv	99
16) 1,3-Butadiene	3.33	39	938449	11.643	ppbv	99
17) tert-Butyl alcohol	4.28	59	1357763	11.900	ppbv	100
18) 1,1-Dichloroethene	4.29	96	670337	11.070	ppbv	96
19) Isopropyl Alcohol	3.96	45	802812	11.649	ppbv #	97
20) Methylene Chloride	4.34	84	564810	10.091	ppbv	97
21) Allyl Chloride	4.41	41	1064114	10.843	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	677834	11.134	ppbv	98
23) Vinyl Acetate	5.07	43	2085006	12.559	ppbv	98
24) 1,1-Dichloroethane	5.01	63	1367362	11.315	ppbv	99
25) Ethyl Acetate	5.68	43	3634085	11.690	ppbv	99
26) Hexane	5.69	57	1729054	11.296	ppbv	100
27) Carbon Disulfide	4.55	76	1657757	12.220	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1353251	10.618	ppbv	100
29) Chloroform	5.75	83	2363145	10.800	ppbv	99
30) Cyclohexane	7.13	84	1422358	10.958	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1563061	11.248	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	2245103	10.823	ppbv	100
34) 2-Butanone	5.24	43	1651248	11.277	ppbv	100
35) Carbon Tetrachloride	7.02	117	2344706	11.383	ppbv	98
36) Benzene	6.89	78	3498260	11.292	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1657079	11.360	ppbv	99
38) Trichloroethene	7.83	130	1387949	11.340	ppbv	98
39) 1,2-Dichloropropane	7.61	63	1363979	11.705	ppbv	96
40) 1,4-Dioxane	7.84	88	267066	9.159	ppbv #	100
41) Tetrahydrofuran	6.05	42	856245	11.942	ppbv	98
42) Bromodichloromethane	7.79	83	2524605	11.783	ppbv	100
43) Methyl Methacrylate	8.01	69	1267873	12.530	ppbv	98

Data File : VL037887.D
Acq On : 20 Oct 2021 14:41
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

Quant Time: Oct 25 11:50:05 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421A
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5911142	11.357	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	852200	12.240	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1164918	12.071	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	1428989	11.281	ppbv	97
48) Dibromochloromethane	10.30	129	2221211	12.300	ppbv	99
49) Bromoform	13.04	173	1829103	13.237	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2360620	12.384	ppbv	99
51) 2-Hexanone	10.14	43	1076497	12.650	ppbv #	99
52) Tetrachloroethene	11.22	164	1303337	10.813	ppbv	99
53) Toluene	9.81	91	4103128	11.951	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1977954	11.559	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.13	131	1562325	10.966	ppbv	97
57) Chlorobenzene	12.15	112	2984954	10.573	ppbv	99
58) Ethyl Benzene	12.71	91	5172178	11.192	ppbv	98
59) m/p-Xylene	13.00	91	8786182m	22.149	ppbv	
60) o-Xylene	13.69	91	4105909	10.800	ppbv	99
61) Styrene	13.53	104	2280394	12.401	ppbv	99
62) Isopropylbenzene	14.66	105	5657543	10.669	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	2999280	10.224	ppbv	98
64) n-propylbenzene	15.56	120	1496327	11.316	ppbv	94
65) tert-Butylbenzene	16.74	119	5092493	10.913	ppbv	99
66) Benzyl Chloride	16.98	91	258148	11.210	ppbv #	94
67) sec-Butylbenzene	17.29	105	7130376	11.173	ppbv	100
69) p-Isopropyltoluene	17.65	119	6008041	11.645	ppbv	100
70) n-Butylbenzene	18.54	91	6036486	12.315	ppbv	100
71) 2-Chlorotoluene	15.45	91	4143752	11.066	ppbv	99
72) 4-Ethyltoluene	15.84	105	5017580	11.624	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	4409371	11.245	ppbv	94
74) 1,2,4-Trimethylbenzene	16.76	105	4654346	11.304	ppbv	96
75) 1,3-Dichlorobenzene	16.99	146	2861203	11.216	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2884498	11.853	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	2838592	11.583	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	2077704	10.384	ppbv	99
79) Naphthalene	22.19	128	3524016	13.975	ppbv	99
80) Naphthalene,2-methyl-	24.97	142	884528	13.063	ppbv	98
81) 1,2,4-Trichlorobenzene	21.92	180	2099171	13.015	ppbv	99

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

Data File : VL037887.D

```
Acq On       : 20 Oct 2021  14:41
Operator    : SY/AP
Sample      : VSTDCCC010
Misc       : 400mL/MSVOA_L
ALS Vial    : 1      Sample Multipl
```

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

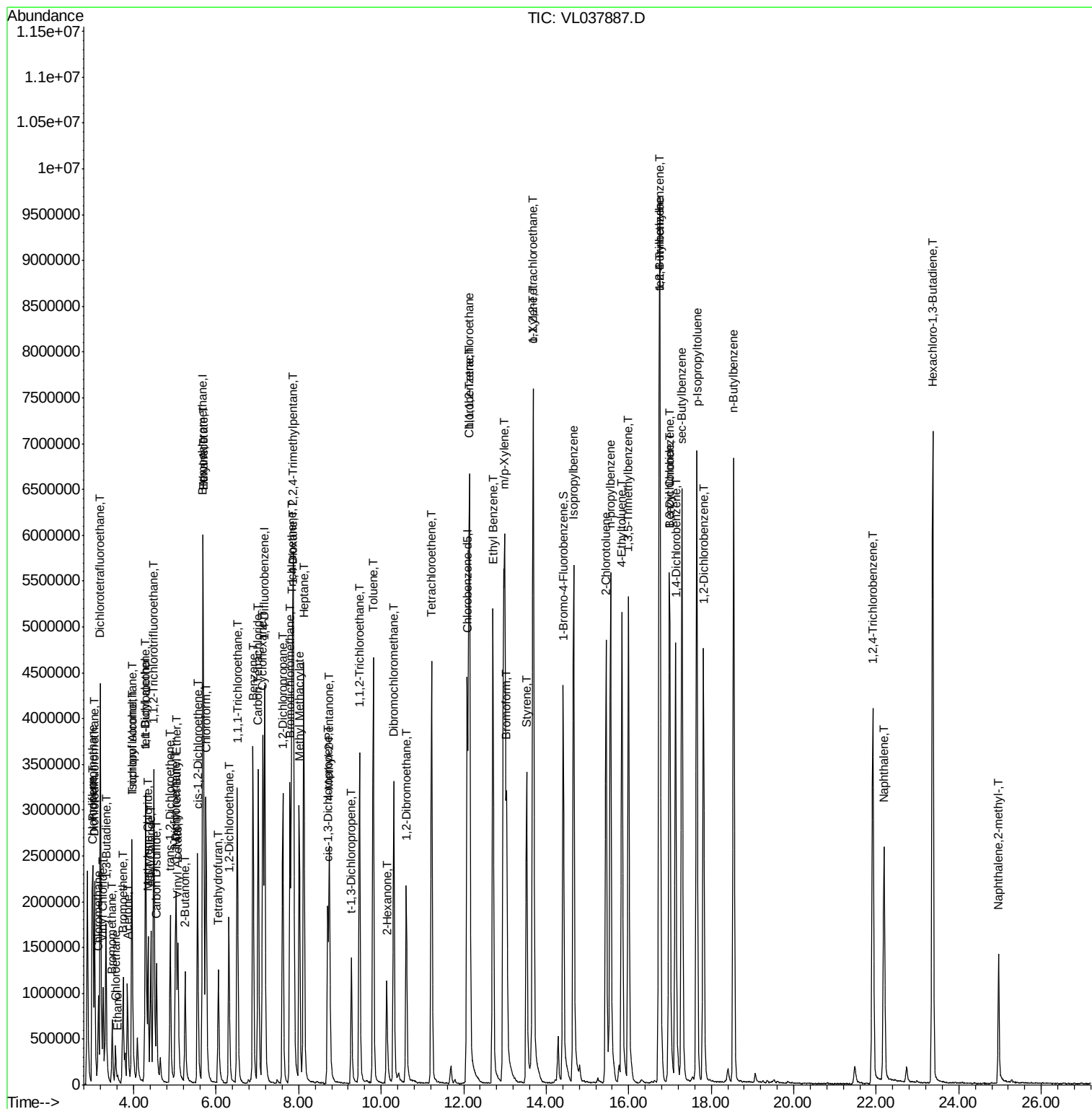
Quant Time: Oct 25 11:50:05 2021

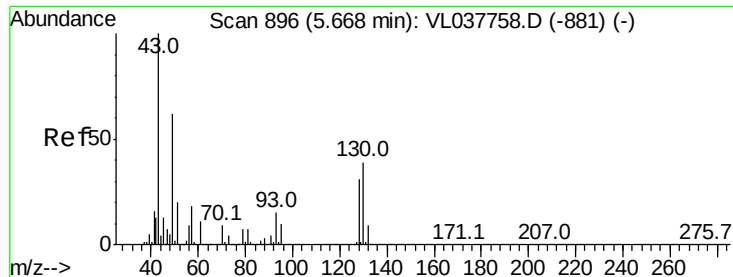
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:

QLast Update : Mon Oct 04 17:43:54 2021

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 20 Oct 2021 14:41

Tgt Ion:

Ion Ratio

49 100

128 53.

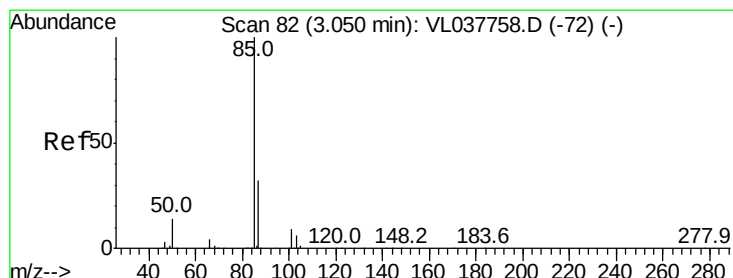
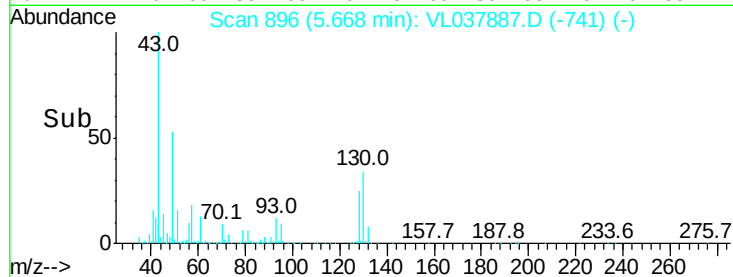
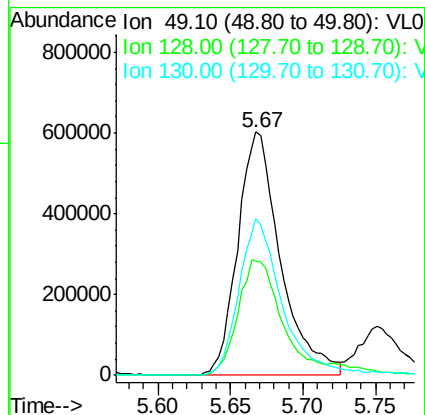
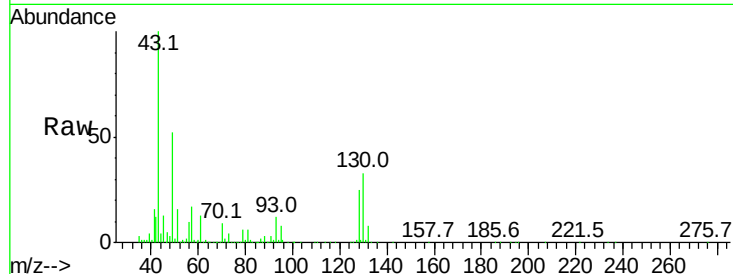
130 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#2

Dichlorodifluoromethane

Concen: 9.349 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL037887.D

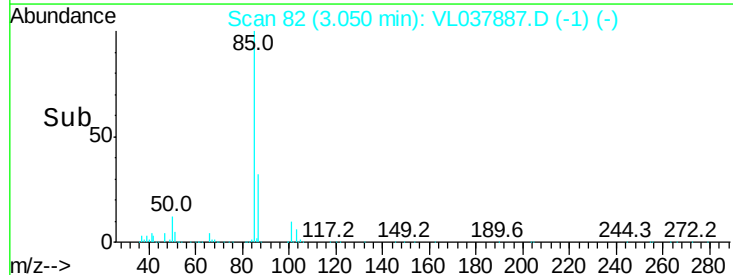
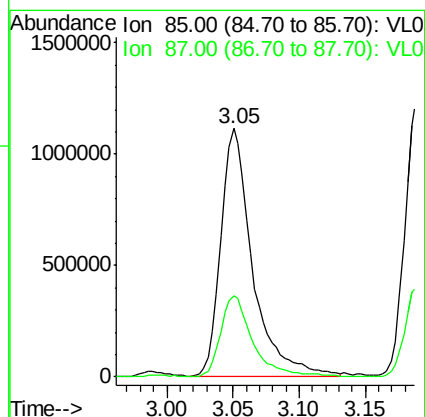
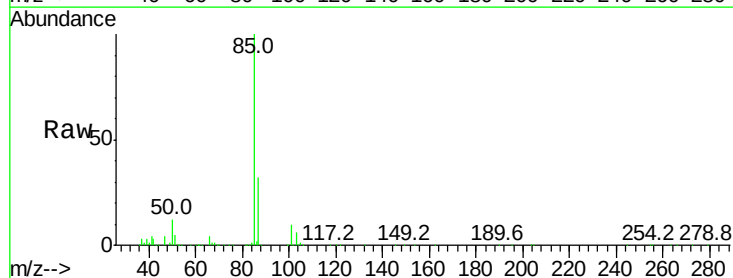
Acq: 20 Oct 2021 14:41

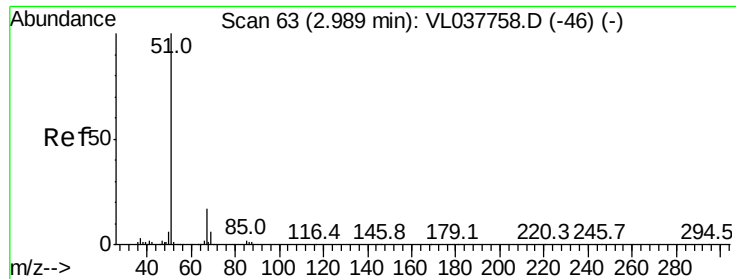
Tgt Ion: 85 Resp: 1842764

Ion Ratio Lower Upper

85 100

87 32.4 25.7 38.5





#3

Chlorodifluoromethane

Concen: 10.659 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:41 VSTDCCC010EC

Tgt Ion:

Ion Ratio

51 100

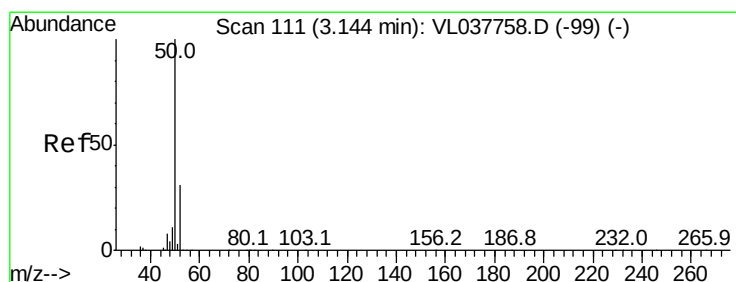
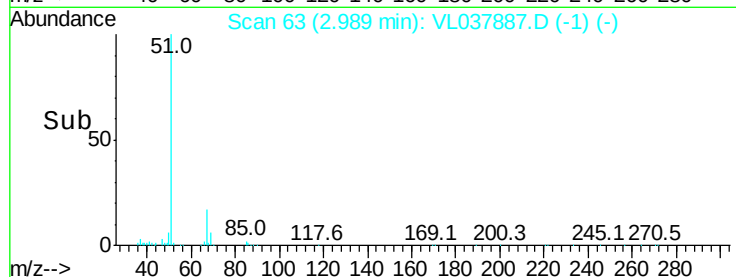
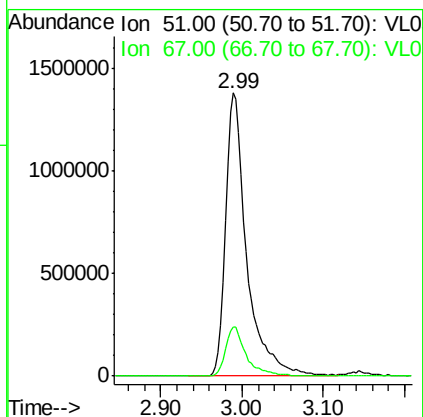
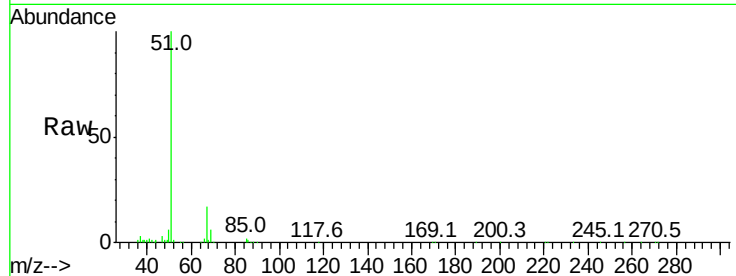
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#4

Chloromethane

Concen: 11.073 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.00 min

Lab File: VL037887.D

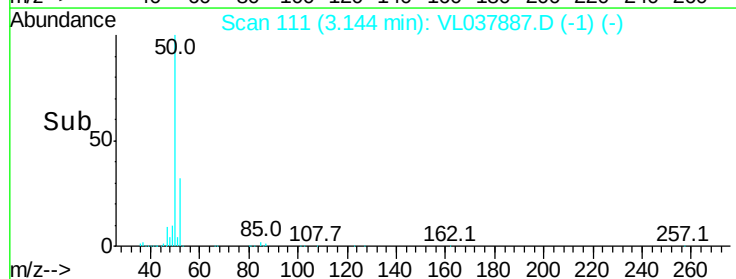
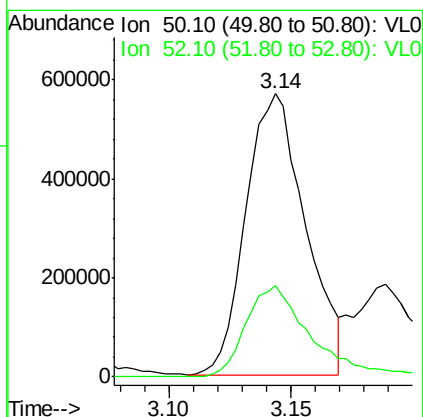
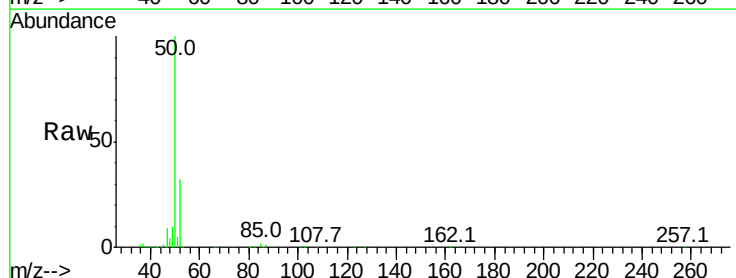
Acq: 20 Oct 2021 14:41

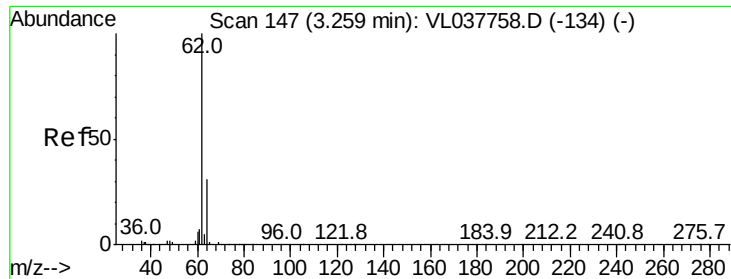
Tgt Ion: 50 Resp: 961685

Ion Ratio Lower Upper

50 100

52 32.3 24.4 36.6





#5

Vinyl Chloride

Concen: 12.054 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 20 Oct 2021 14:41

Tgt Ion:

Ion Ratio

62 100

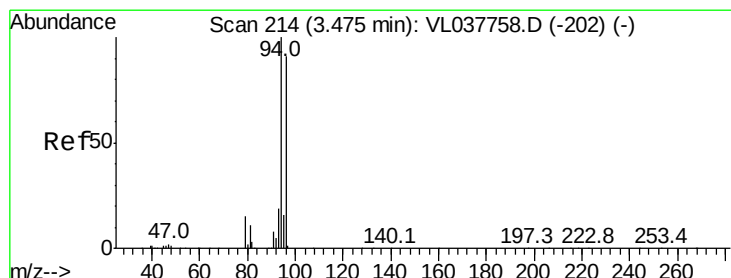
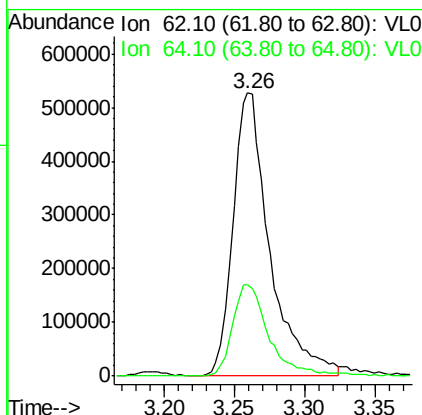
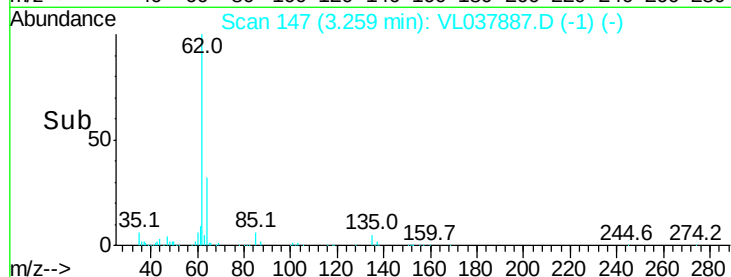
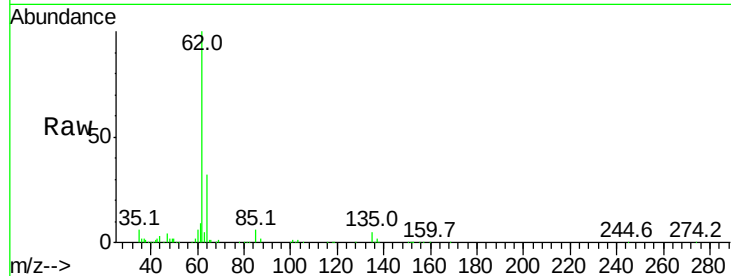
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#6

Bromomethane

Concen: 10.404 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL037887.D

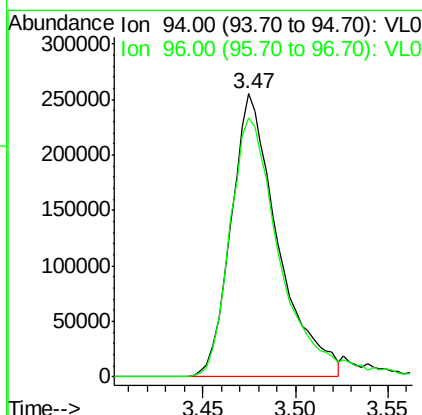
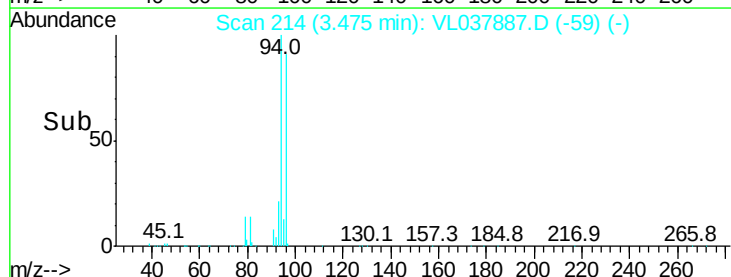
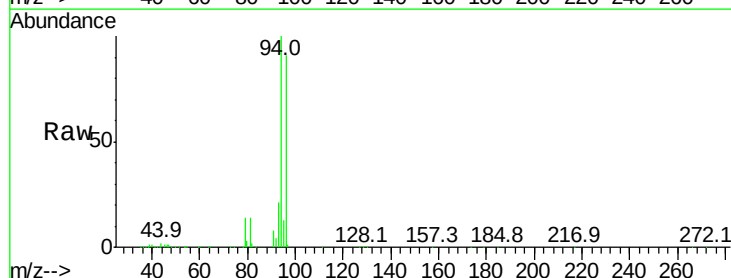
Acq: 20 Oct 2021 14:41

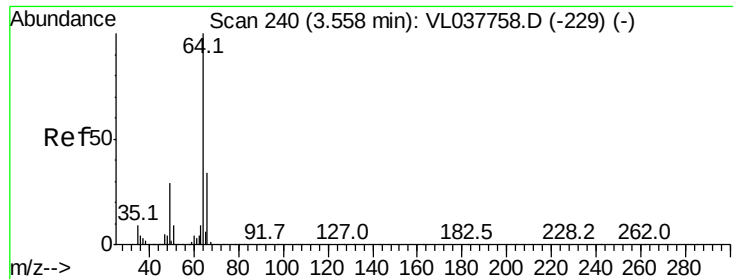
Tgt Ion: 94 Resp: 448044

Ion Ratio Lower Upper

94 100

96 91.2 72.5 108.7





#7

Chloroethane

Concen: 11.476 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:41 VSTDCCC010EC

Tgt Ion:

Ion Ratio

64 100

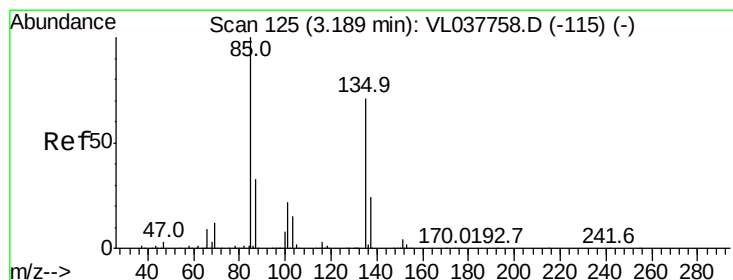
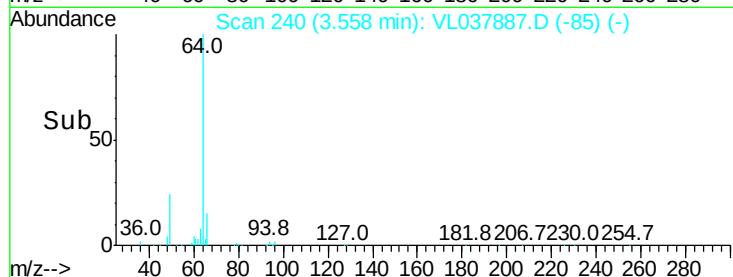
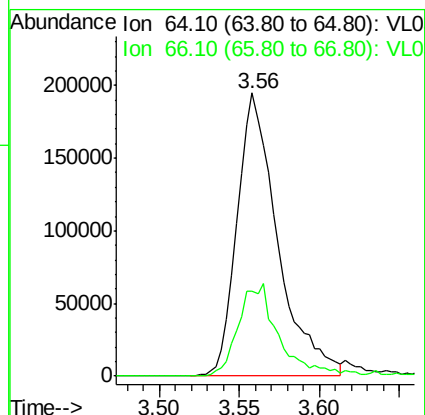
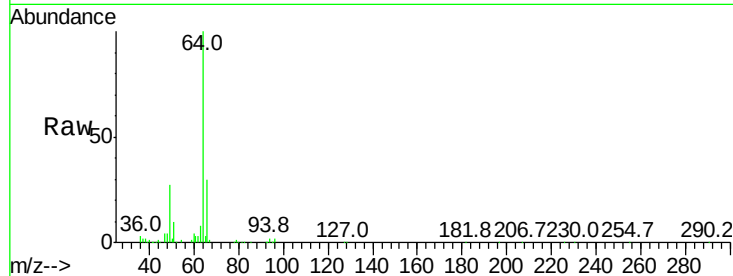
66 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#8

Dichlorotetrafluoroethane

Concen: 10.885 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL037887.D

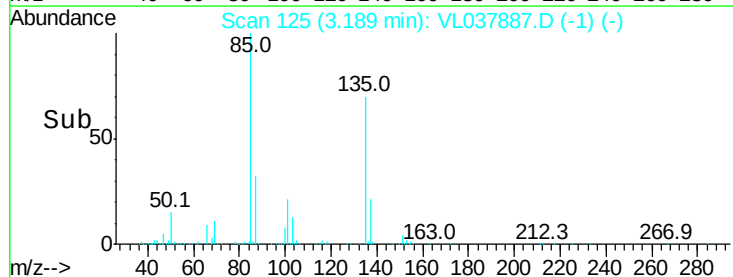
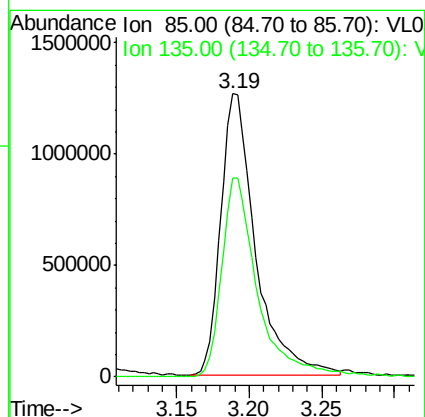
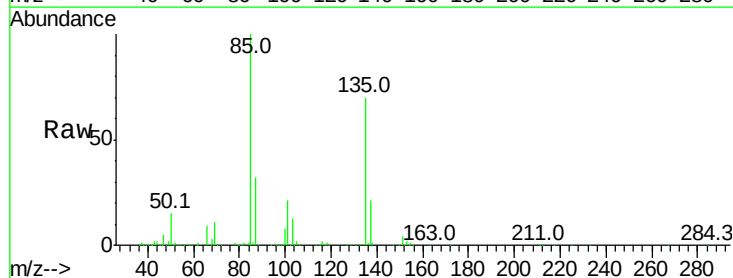
Acq: 20 Oct 2021 14:41

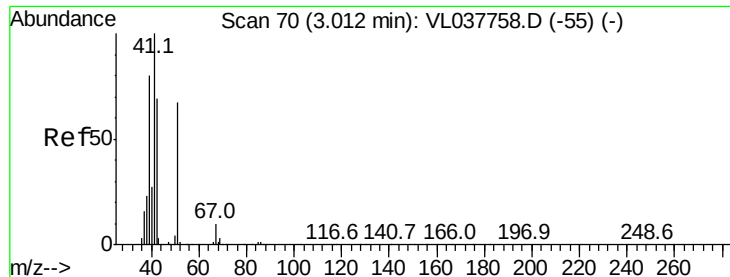
Tgt Ion: 85 Resp: 2120697

Ion Ratio Lower Upper

85 100

135 73.3 59.5 89.3





#9

Propene

Concen: 10.619 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:41

Tgt Ion:

Ion Ratio

41 100

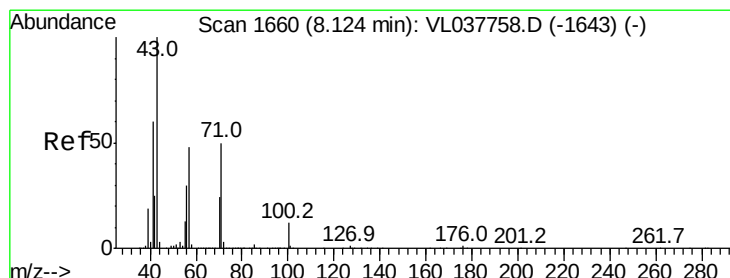
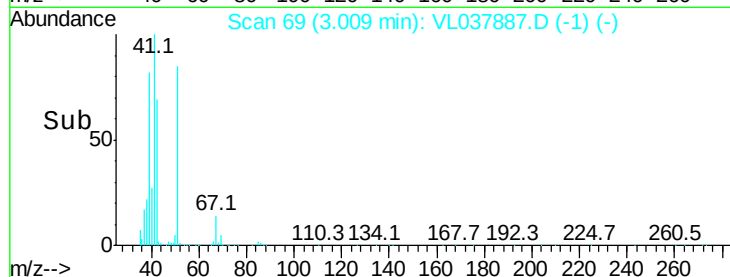
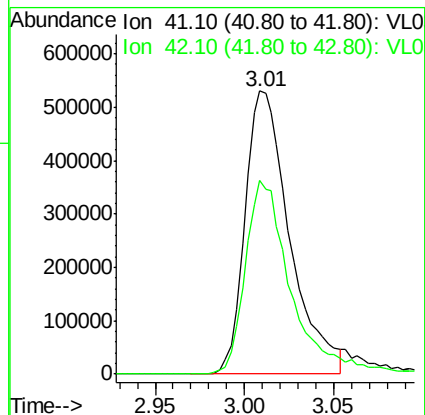
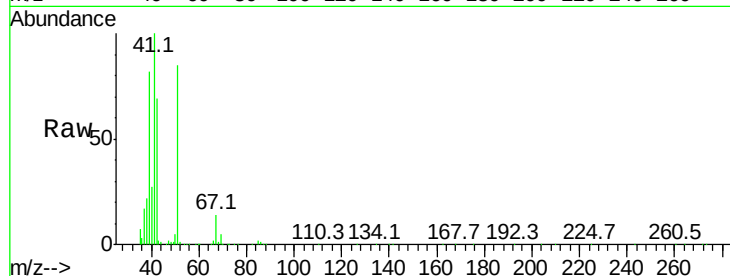
42 71.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#10

Heptane

Concen: 11.919 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VL037887.D

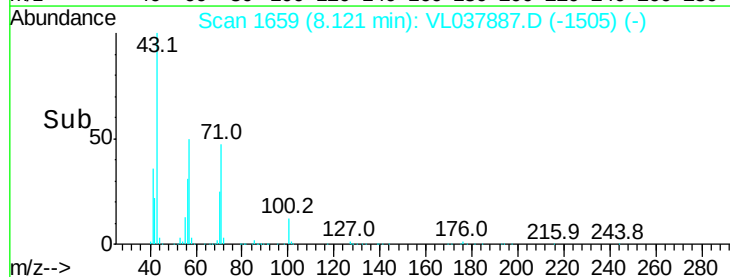
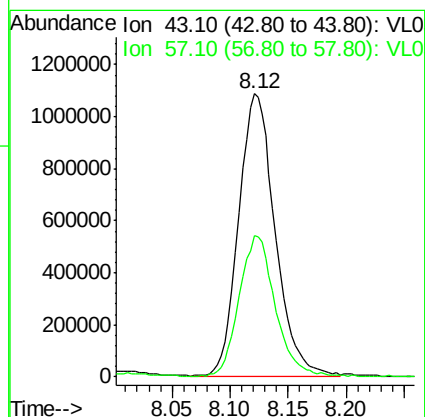
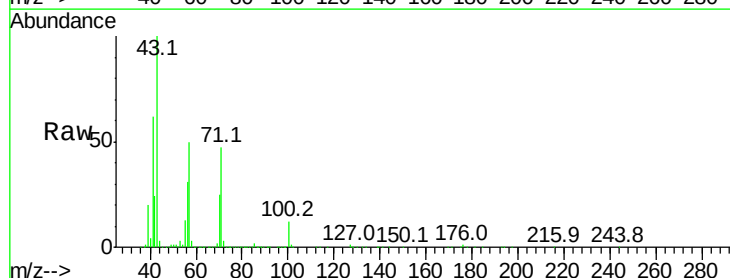
Acq: 20 Oct 2021 14:41

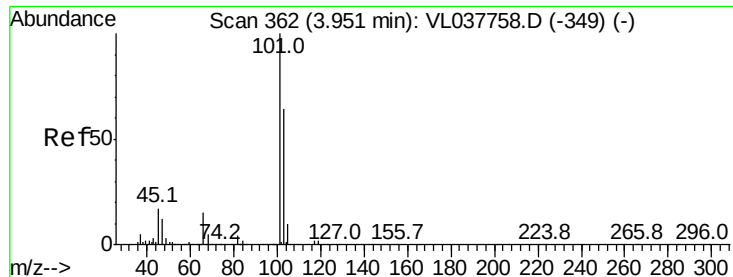
Tgt Ion: 43 Resp: 2361618

Ion Ratio Lower Upper

43 100

57 50.3 40.0 60.0



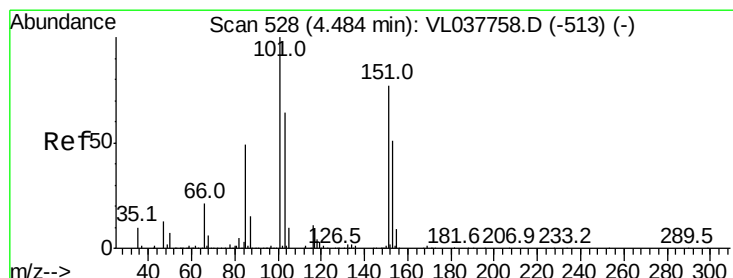
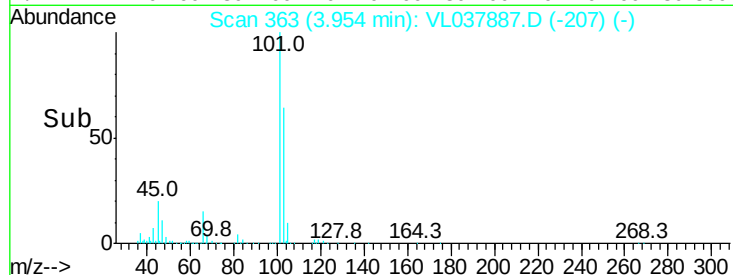
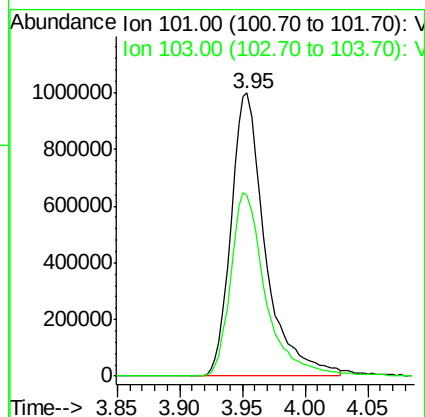
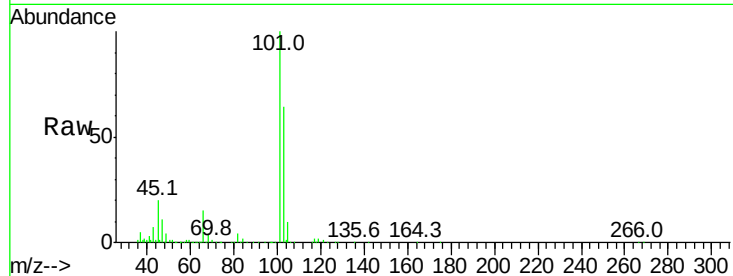


#11
 Trichlorofluoromethane
 Concen: 10.761 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 20 Oct 2021 14:41

Tgt Ion: 101
 Ion Ratio: 100
 103 63.

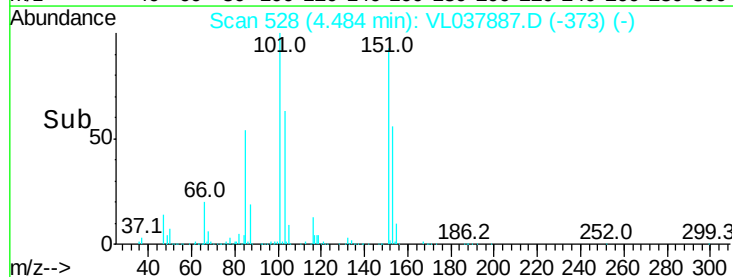
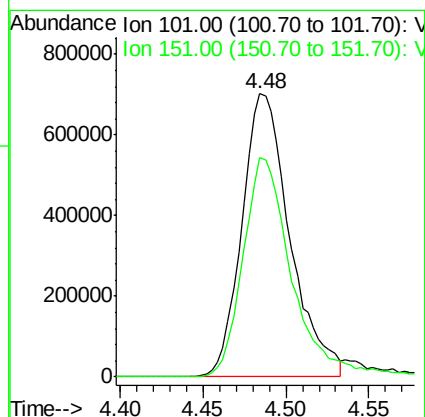
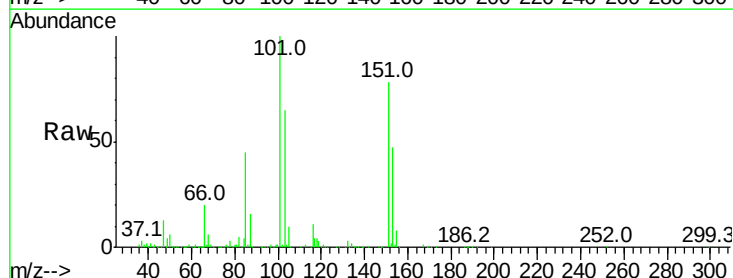
Manual Integrations
 APPROVED

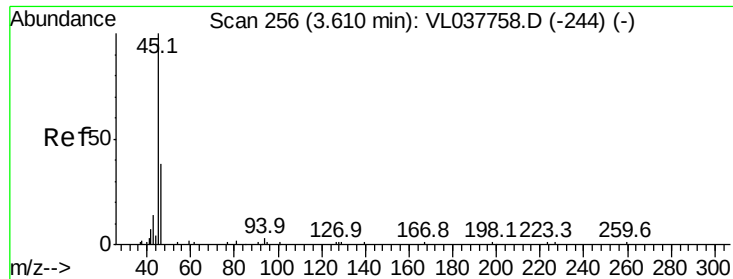
Reviewed By : Semsettin Yesilyurt 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.599 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T.: -0.00 min
 Lab File: VL037887.D
 Acq: 20 Oct 2021 14:41

Tgt Ion: 101 Resp: 1412288
 Ion Ratio Lower Upper
 101 100
 151 79.9 62.9 94.3





#13

Ethanol

Concen: 13.327 ppbv m

RT: 3.61 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:41 VSTDCCC010EC

Tgt Ion:

Ion Ratio

45 100

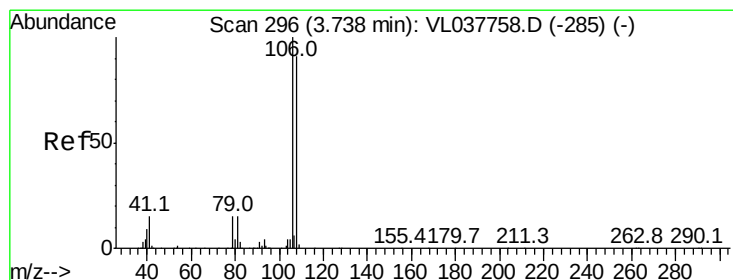
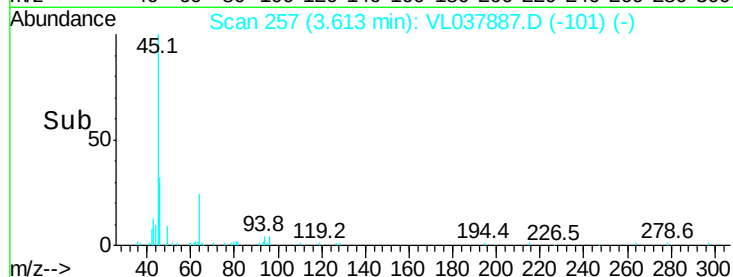
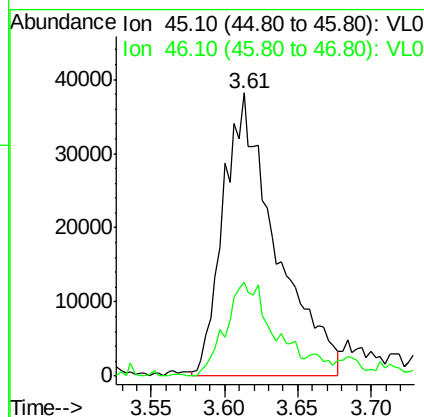
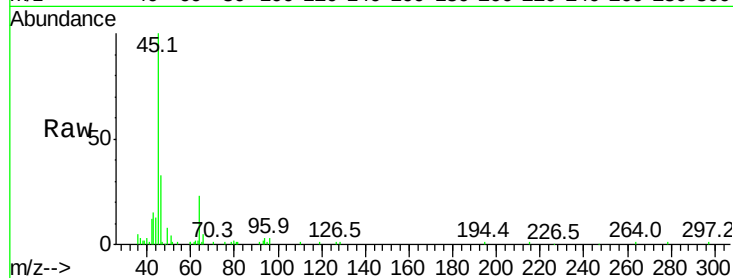
46 38.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#14

Bromoethene

Concen: 11.096 ppbv

RT: 3.74 min Scan# 297

Delta R.T. 0.00 min

Lab File: VL037887.D

Acq: 20 Oct 2021 14:41

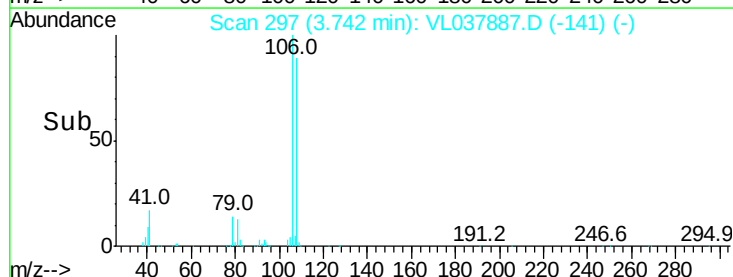
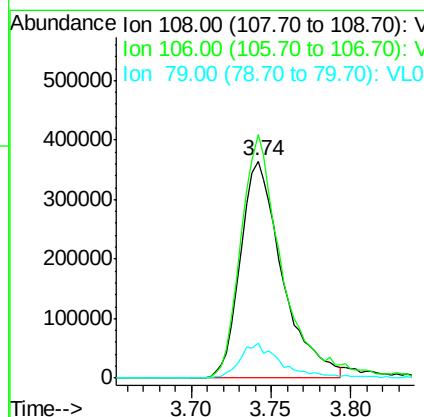
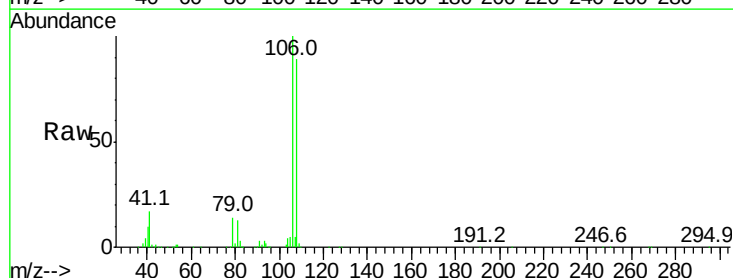
Tgt Ion:108 Resp: 650076

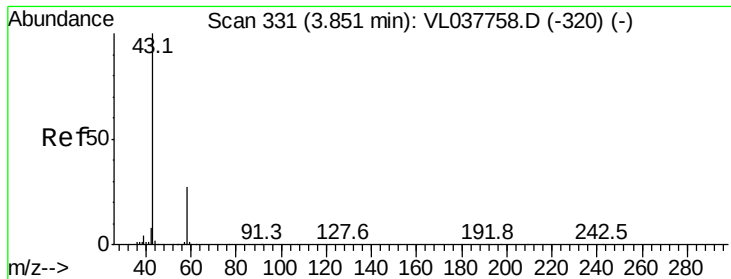
Ion Ratio Lower Upper

108 100

106 113.2 91.9 137.9

79 16.6 13.9 20.9





#15

Acetone

Concen: 12.235 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:41 VSTDCCC010EC

Tgt Ion:

Ion Ratio

43 100

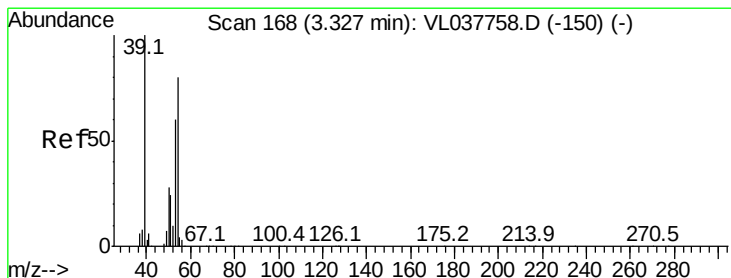
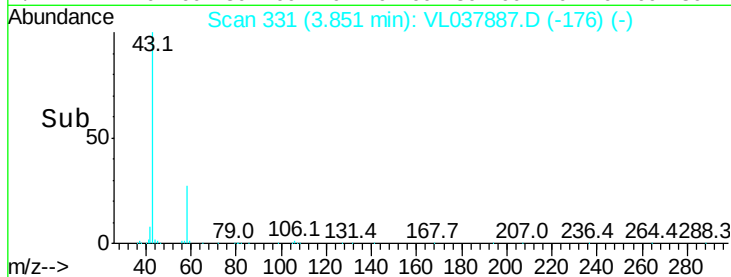
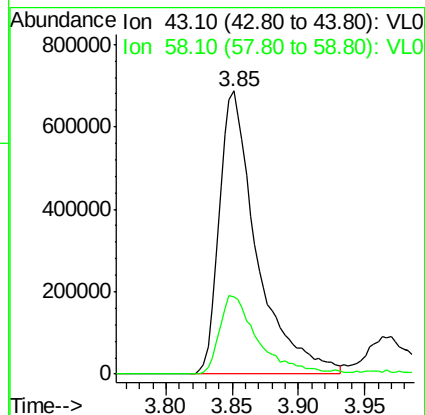
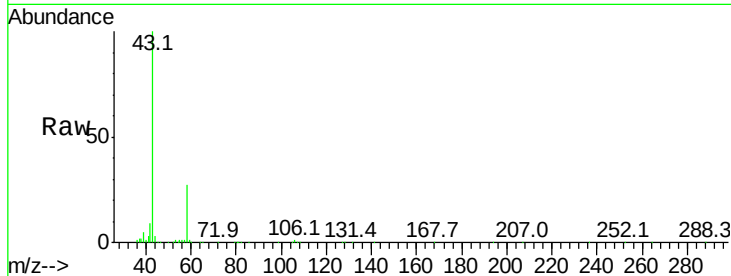
58 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#16

1,3-Butadiene

Concen: 11.643 ppbv

RT: 3.33 min Scan# 168

Delta R.T. -0.00 min

Lab File: VL037887.D

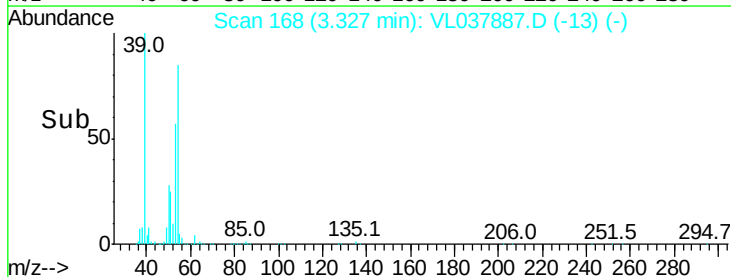
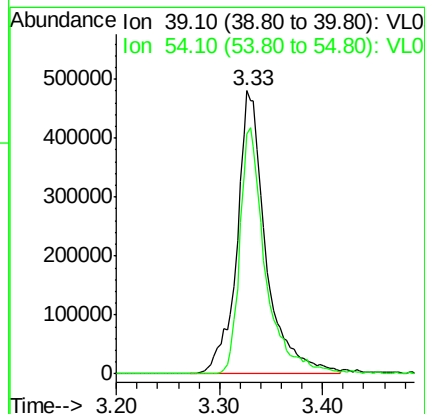
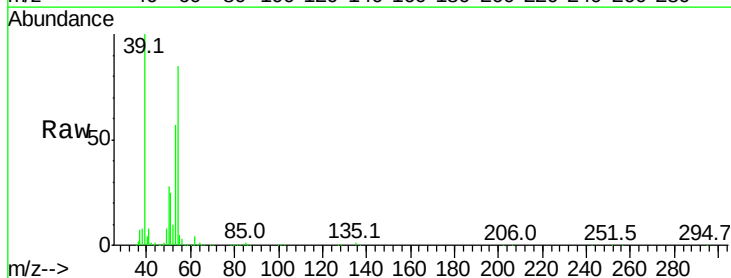
Acq: 20 Oct 2021 14:41

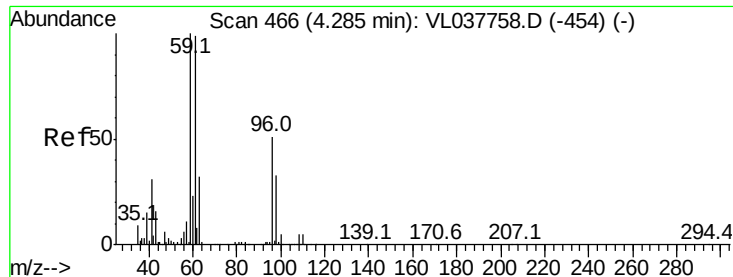
Tgt Ion: 39 Resp: 938449

Ion Ratio Lower Upper

39 100

54 77.9 61.7 92.5





#17

tert-Butyl alcohol

Concen: 11.900 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 20 Oct 2021 14:41

Tgt Ion:

Ion Ratio

59 100

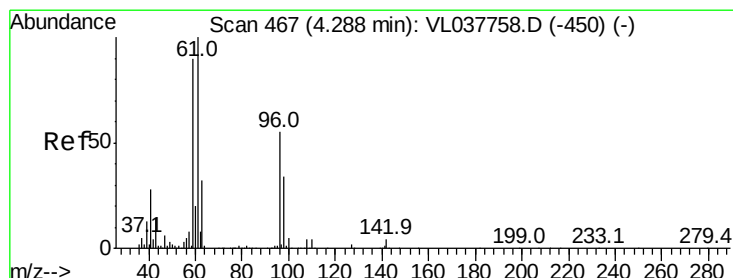
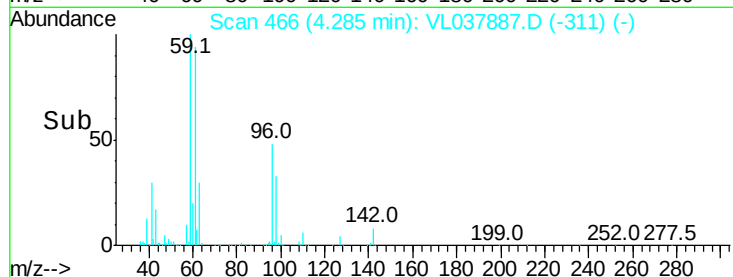
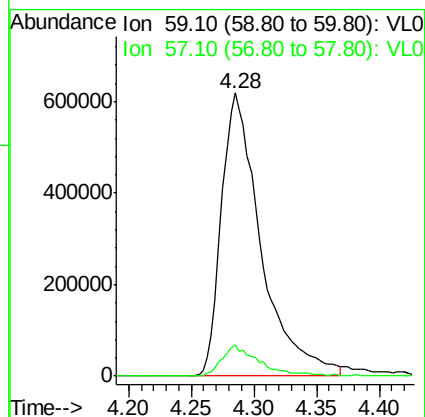
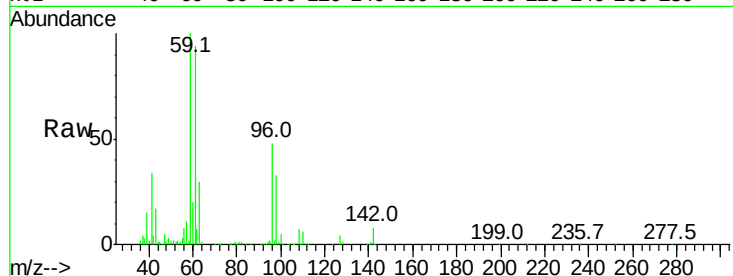
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#18

1,1-Dichloroethene

Concen: 11.070 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.00 min

Lab File: VL037887.D

Acq: 20 Oct 2021 14:41

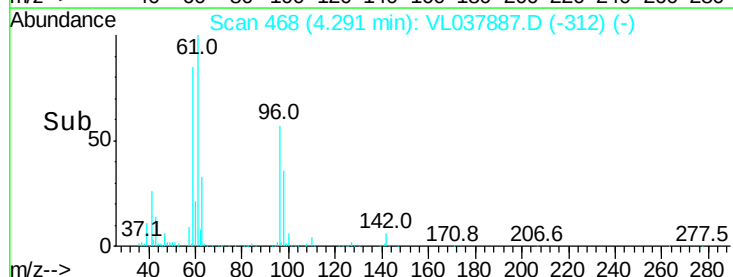
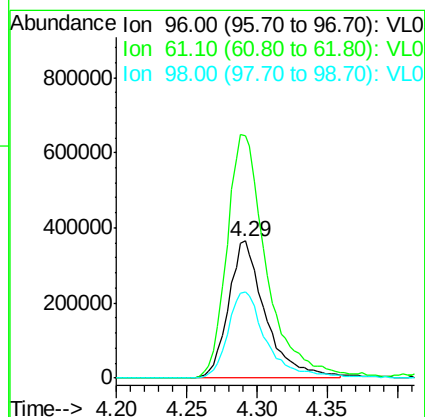
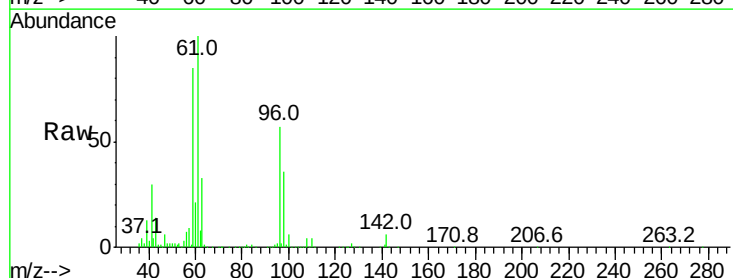
Tgt Ion: 96 Resp: 670337

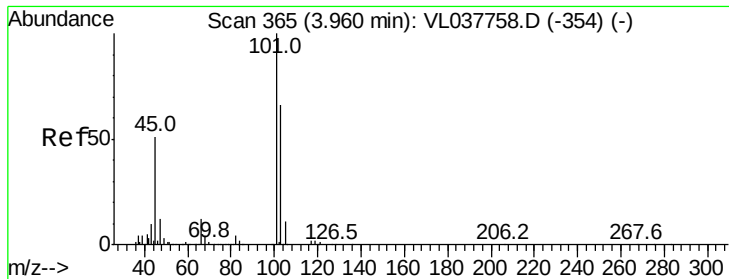
Ion Ratio Lower Upper

96 100

61 176.3 146.2 219.4

98 63.0 50.0 75.0





#19

Isopropyl Alcohol

Concen: 11.649 ppbv

RT: 3.96 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:41 VSTDCCC010EC

Tgt Ion:

Ion Ratio

45 100

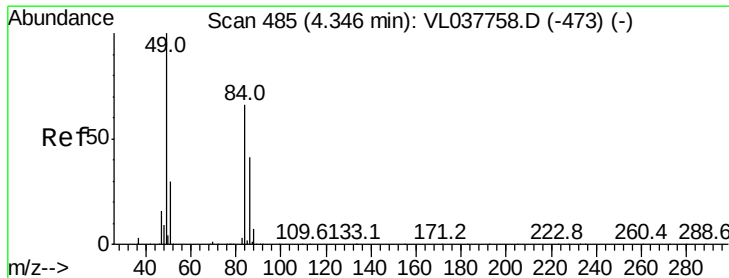
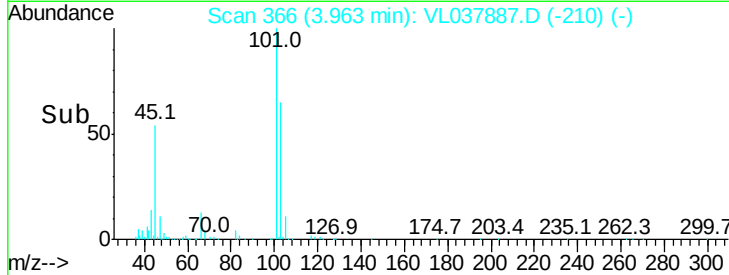
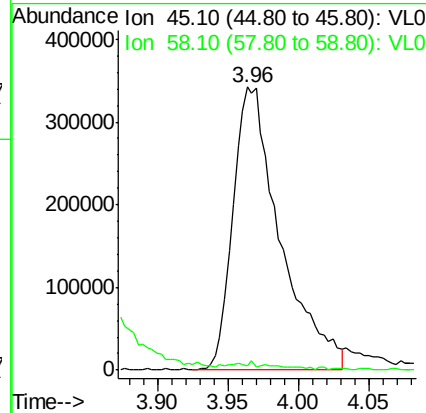
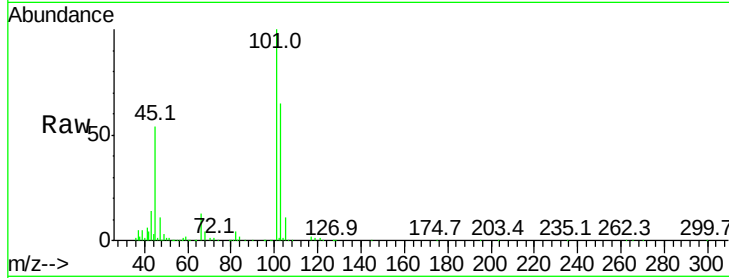
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#20

Methylene Chloride

Concen: 10.091 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL037887.D

Acq: 20 Oct 2021 14:41

Tgt Ion: 84 Resp: 564810

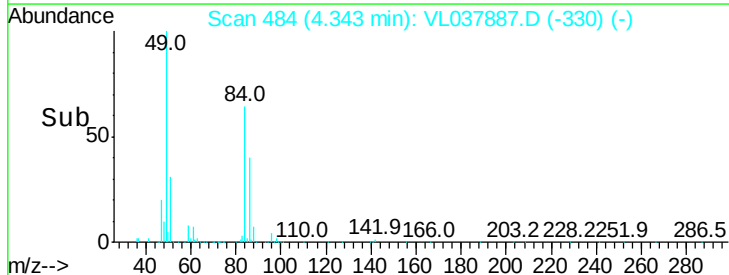
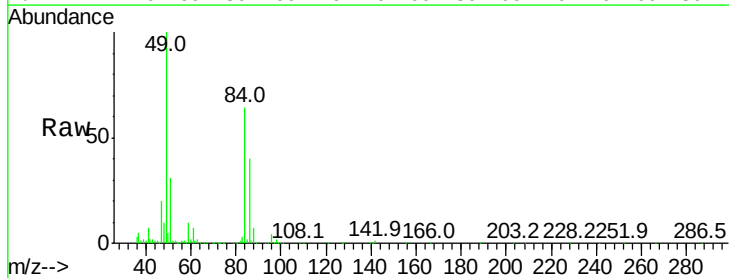
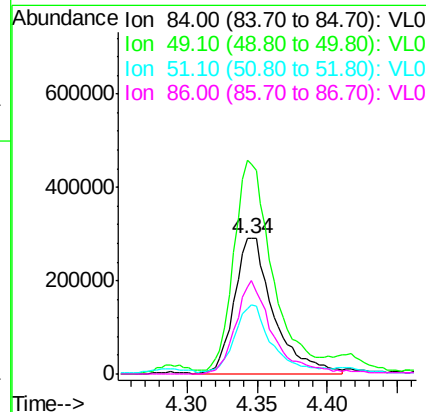
Ion Ratio Lower Upper

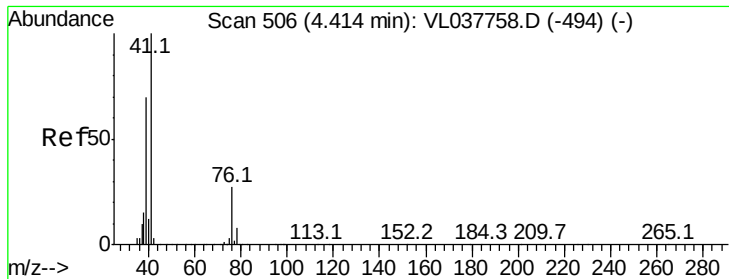
84 100

49 155.2 120.7 181.1

51 45.8 36.2 54.4

86 63.8 49.6 74.4





#21

Allyl Chloride

Concen: 10.843 ppbv

RT: 4.41

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:41

Tgt Ion:

Ion Ratio

41 100

76 28.

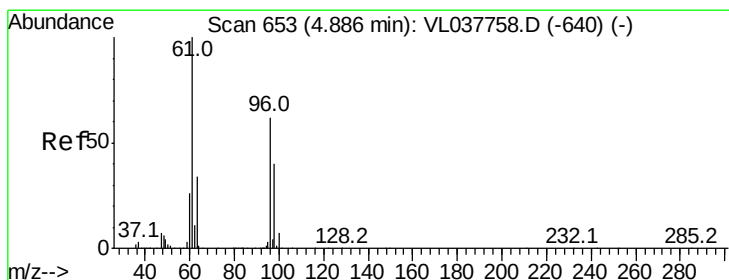
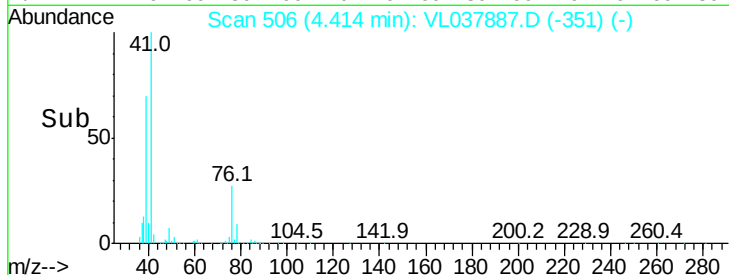
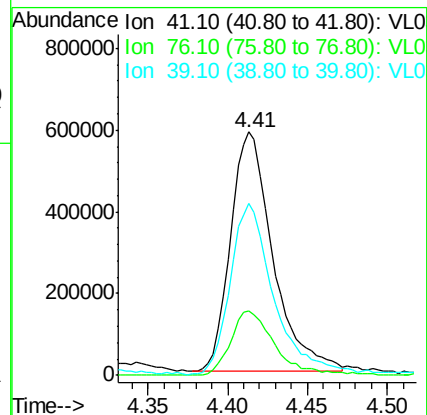
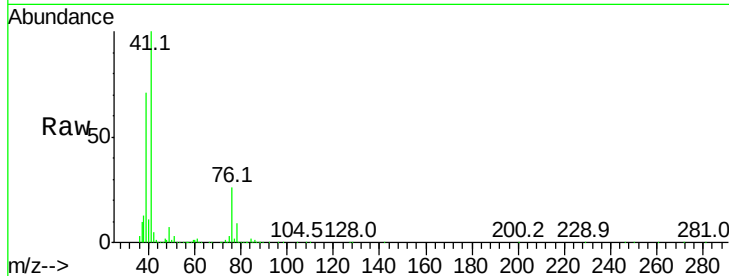
39 73.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#22

trans-1,2-Dichloroethene

Concen: 11.134 ppbv

RT: 4.89 min Scan# 653

Delta R.T. -0.00 min

Lab File: VL037887.D

Acq: 20 Oct 2021 14:41

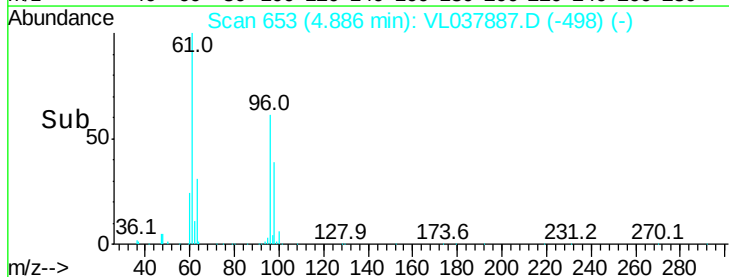
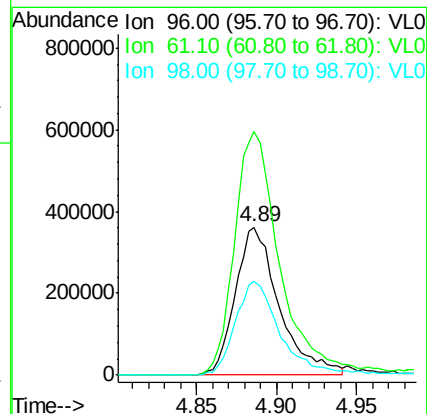
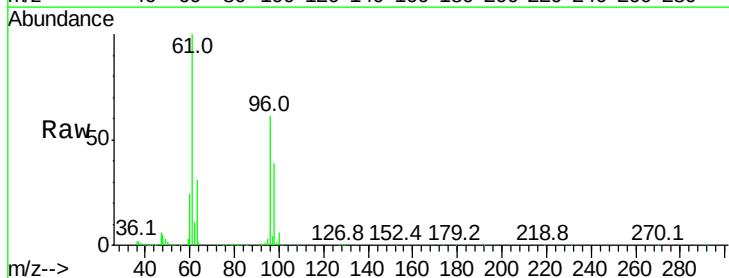
Tgt Ion: 96 Resp: 677834

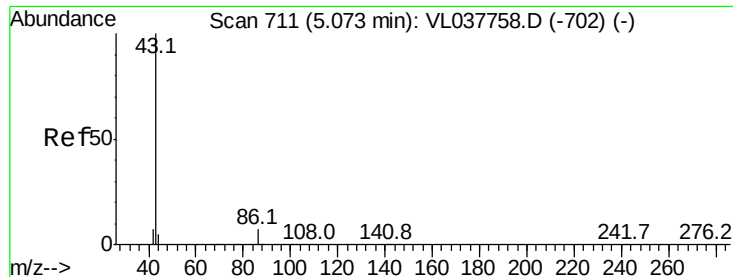
Ion Ratio Lower Upper

96 100

61 164.2 129.0 193.6

98 63.4 51.7 77.5





#23

Vinyl Acetate

Concen: 12.559 ppbv

RT: 5.07 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 20 Oct 2021 14:41

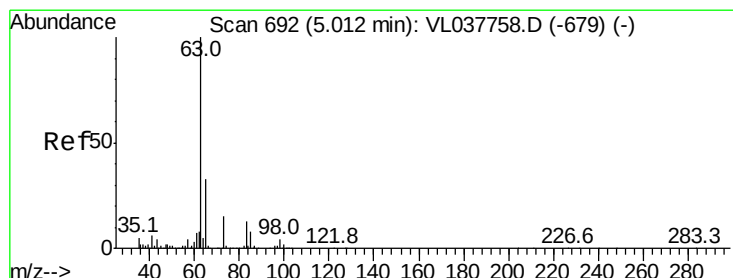
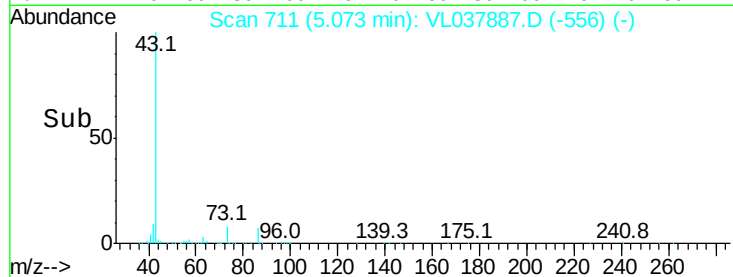
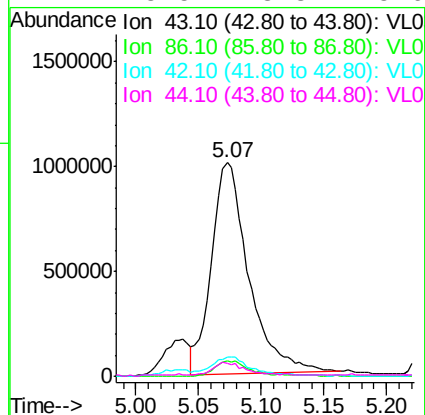
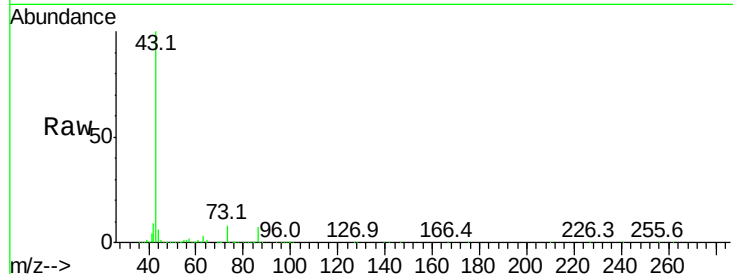
Tgt Ion: 43.10 (42.80 to 43.80): VL0

Ion Ratio

Ion	Ratio	Lower	Upper
43	100		
86	7.1	2.3	6.9
42	8.1	1.1	3.1
44	5.5		

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#24

1,1-Dichloroethane

Concen: 11.315 ppbv

RT: 5.01 min Scan# 692

Delta R.T. -0.00 min

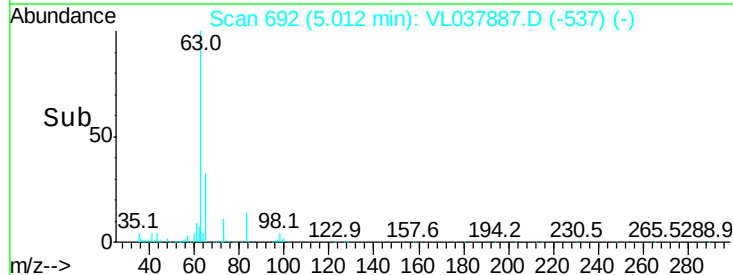
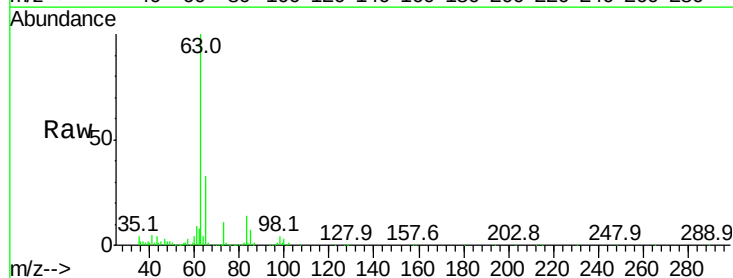
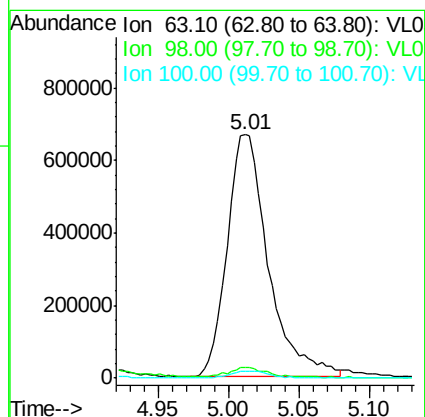
Lab File: VL037887.D

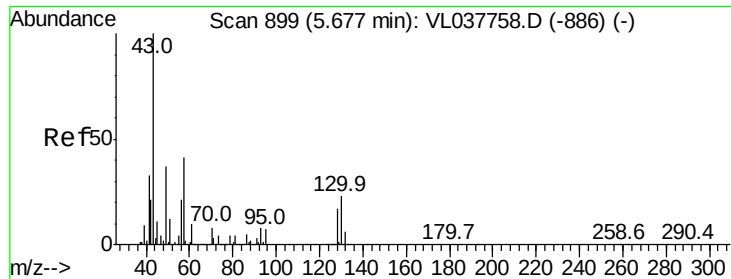
Acq: 20 Oct 2021 14:41

Tgt Ion: 63.10 (62.80 to 63.80): VL0

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.3	6.9
100	2.5	1.1	3.1



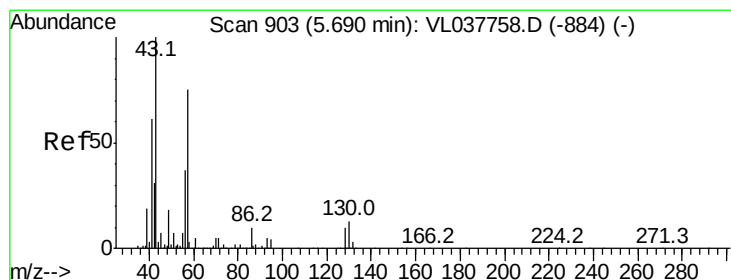
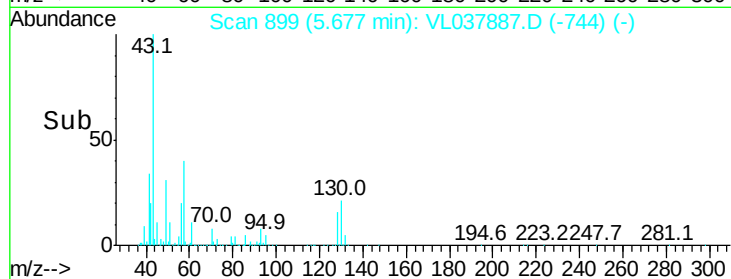
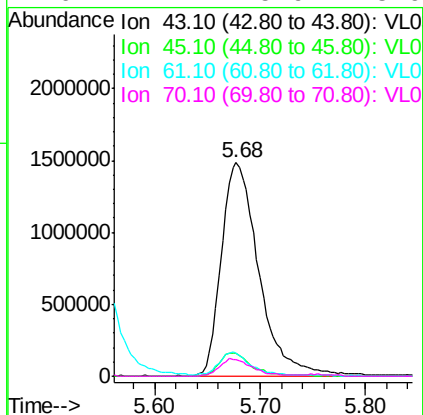
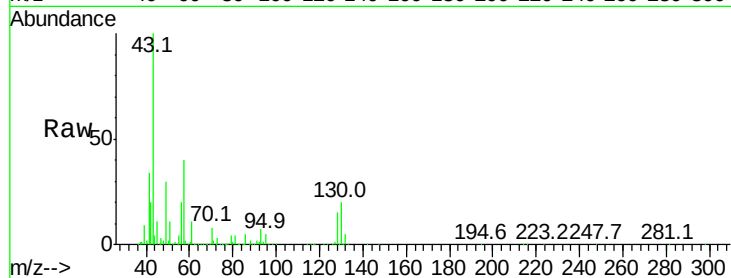


#25
Ethyl Acetate
Concen: 11.690 ppbv
RT: 5.68
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 20 Oct 2021 14:41

Tgt Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio 100
45 9.1
61 10.1
70 7.4 5.9 8.9

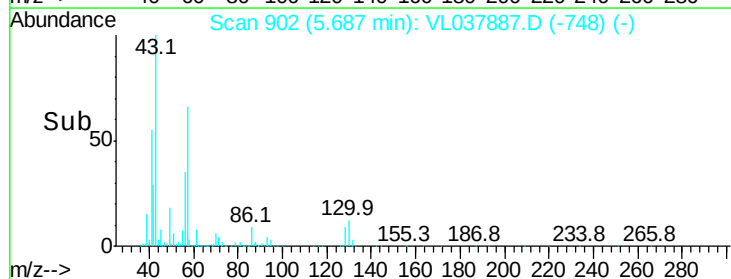
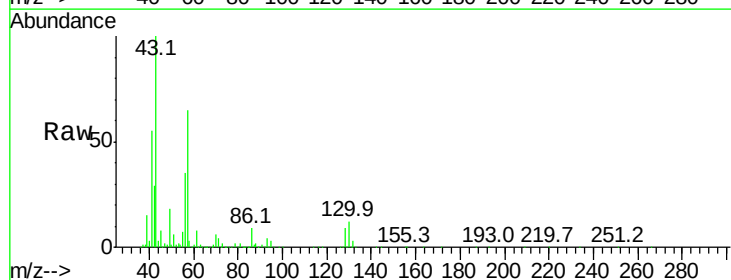
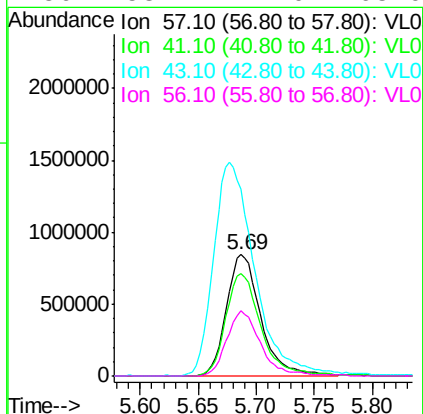
Manual Integrations
APPROVED

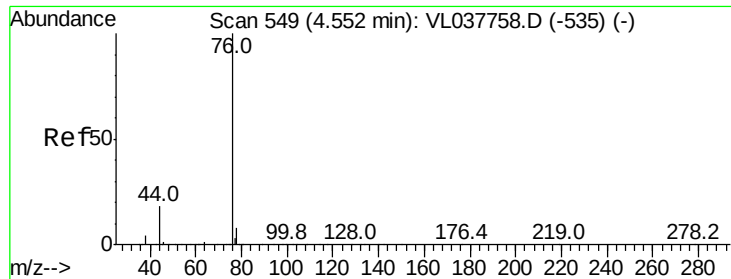
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#26
Hexane
Concen: 11.296 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL037887.D
Acq: 20 Oct 2021 14:41

Tgt Ion: 57 Resp: 1729054
Ion Ratio Lower Upper
57 100
41 87.8 69.6 104.4
43 214.0 171.4 257.0
56 53.4 42.0 63.0





#27

Carbon Disulfide

Concen: 12.220 ppbv

RT: 4.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:41

Tgt Ion: 76

Ion Ratio: 100

44 17.

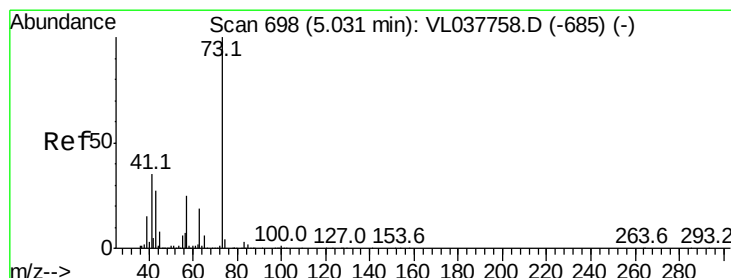
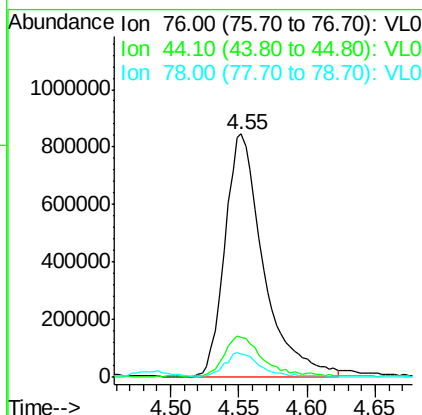
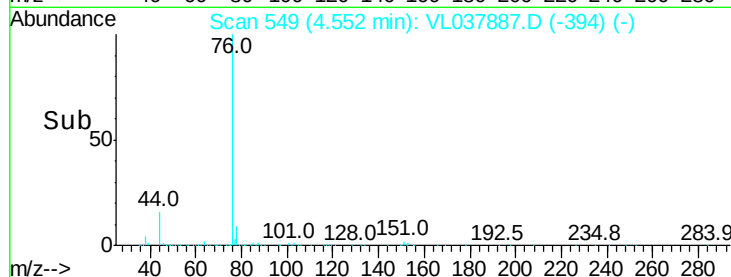
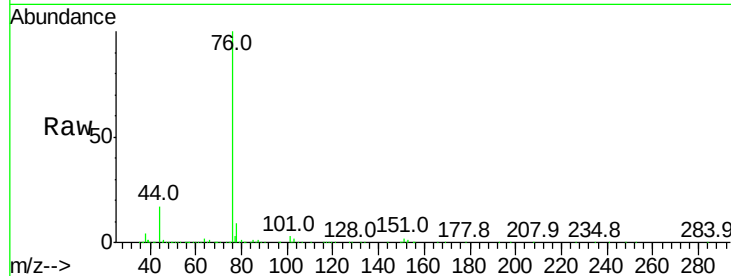
78 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#28

Methyl tert-Butyl Ether

Concen: 10.618 ppbv

RT: 5.03 min Scan# 698

Delta R.T. -0.00 min

Lab File: VL037887.D

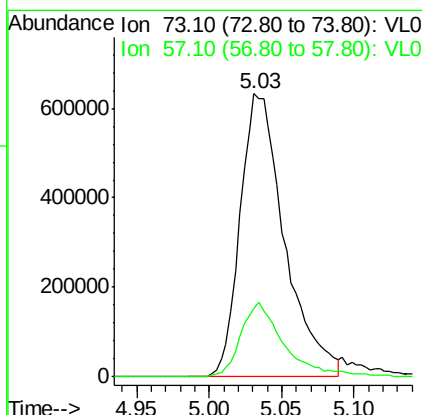
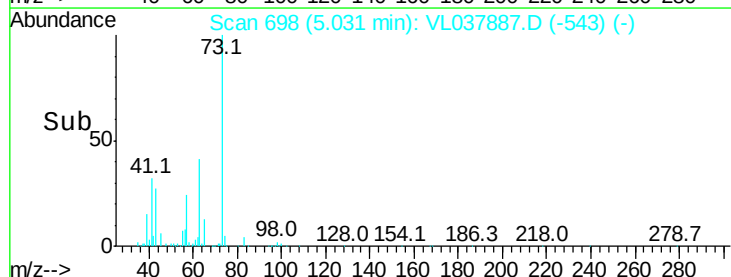
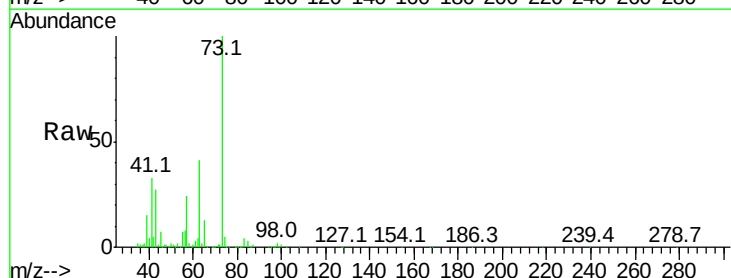
Acq: 20 Oct 2021 14:41

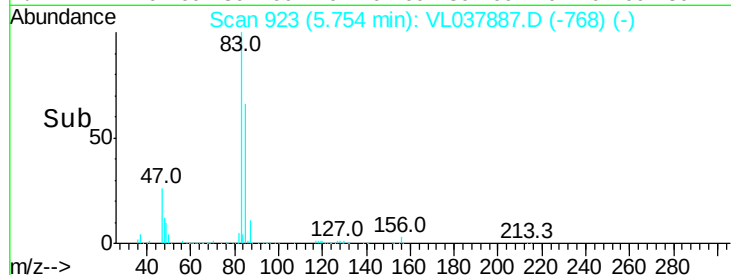
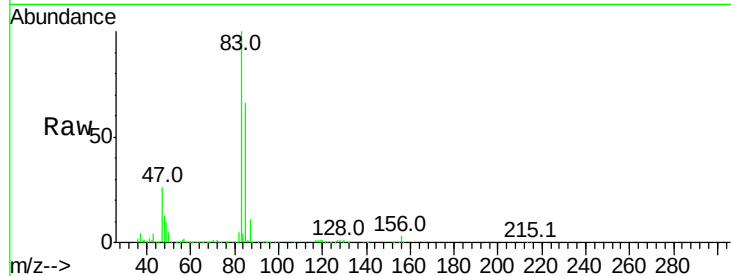
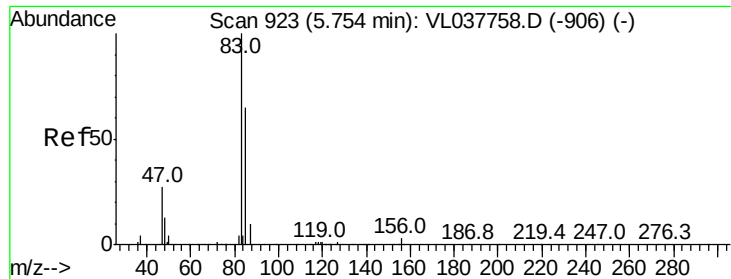
Tgt Ion: 73 Resp: 1353251

Ion Ratio Lower Upper

73 100

57 25.7 20.4 30.6



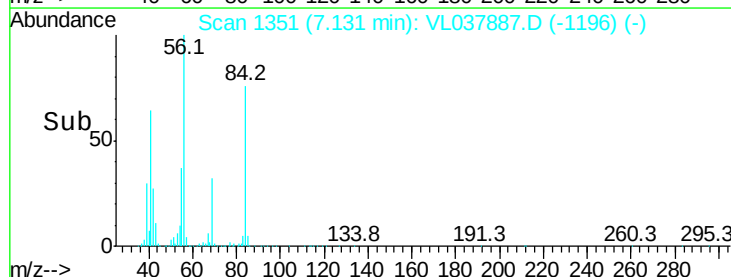
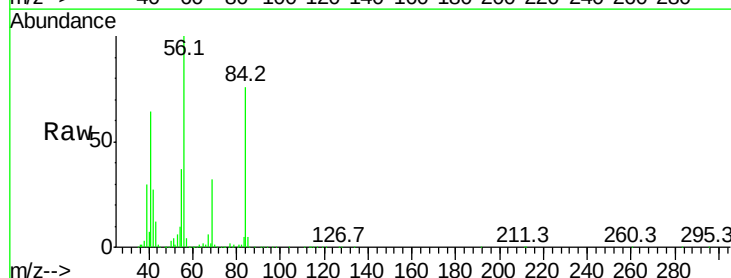
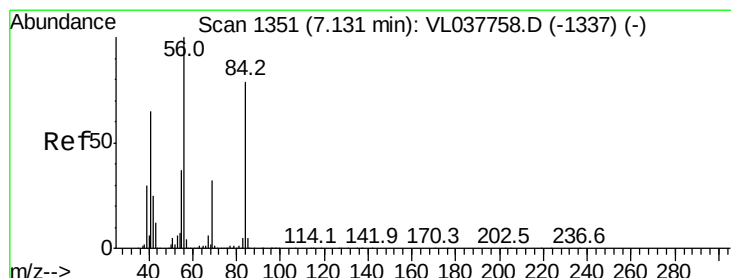
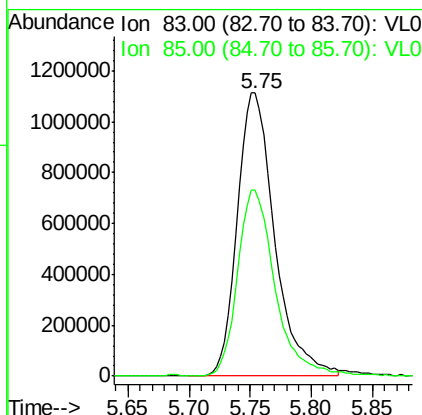


#29
Chloroform
Concen: 10.800 ppbv
RT: 5.75
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Oct 2021 14:41
VSTDCCC010EC

Tgt Ion:
Ion Ratio
83 100
85 65.

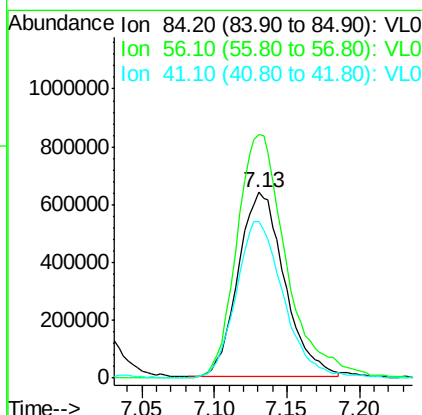
Manual Integrations
APPROVED

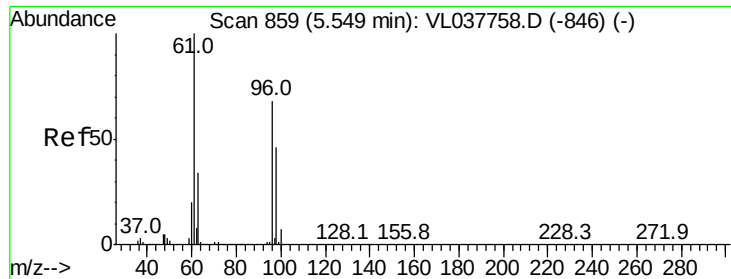
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#30
Cyclohexane
Concen: 10.958 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.00 min
Lab File: VL037887.D
Acq: 20 Oct 2021 14:41

Tgt Ion: 84 Resp: 1422358
Ion Ratio Lower Upper
84 100
56 141.6 113.0 169.4
41 87.5 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 11.248 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:41 VSTDCCC010EC

Tgt Ion:

Ion Ratio

61 100

96 71.

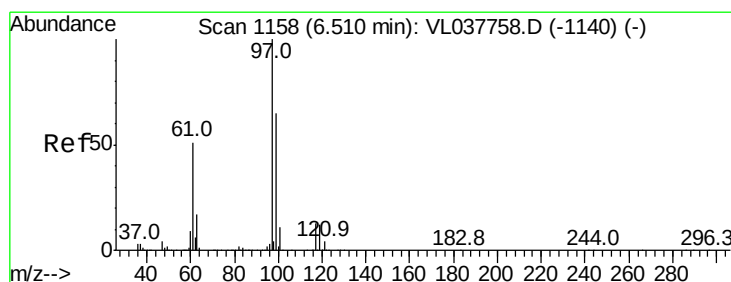
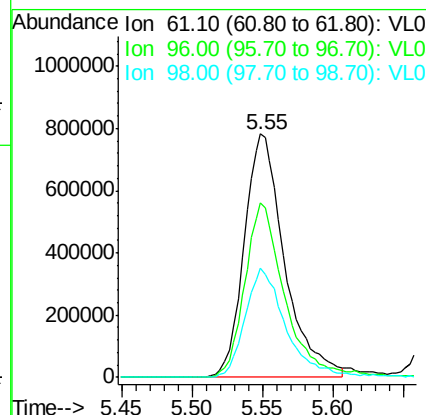
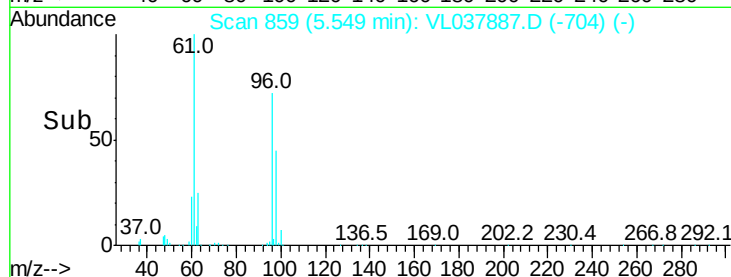
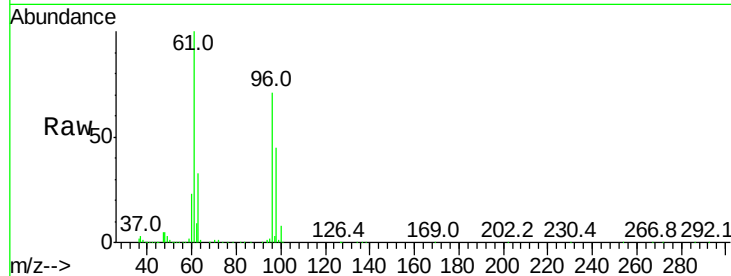
98 45.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#32

1,1,1-Trichloroethane

Concen: 10.823 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.00 min

Lab File: VL037887.D

Acq: 20 Oct 2021 14:41

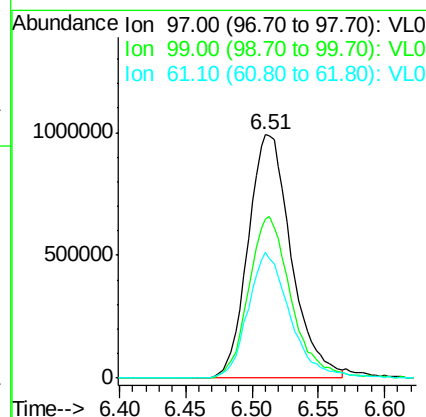
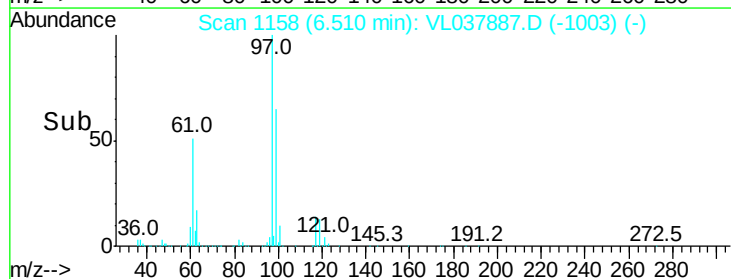
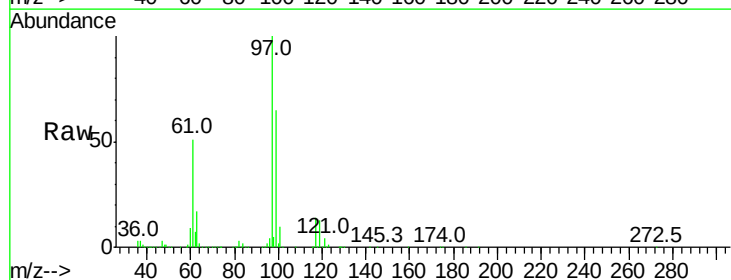
Tgt Ion: 97 Resp: 2245103

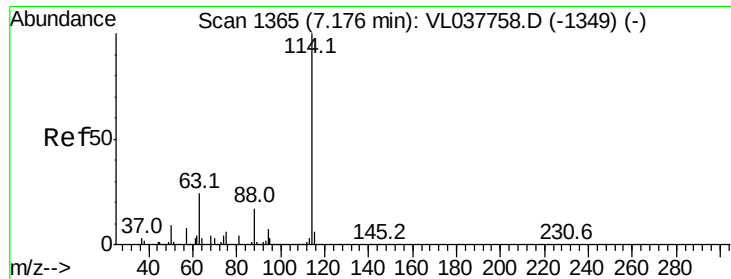
Ion Ratio Lower Upper

97 100

99 65.5 52.6 78.8

61 50.7 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:41

Tgt Ion: 1

Ion Ratio

114 100

63 24.

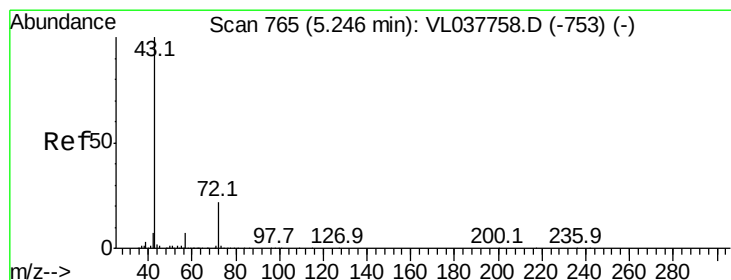
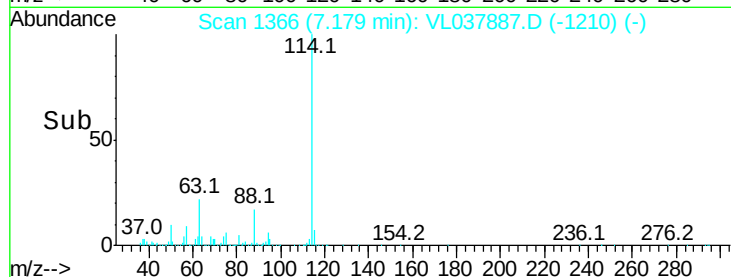
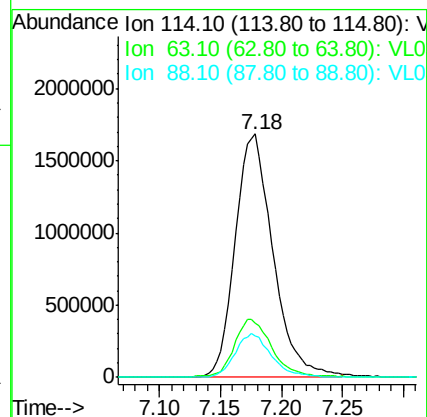
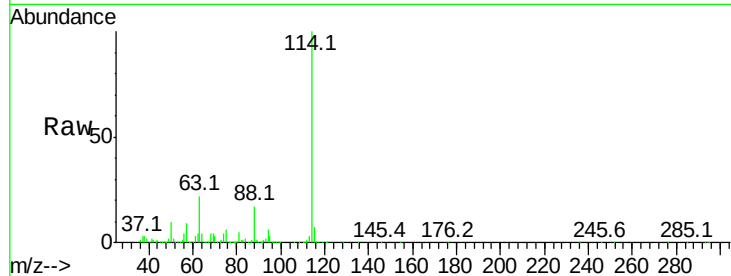
88 17.

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 10/25/2021

Supervised By : Mahesh Dadoda 10/25/2021



#34

2-Butanone

Concen: 11.277 ppbv

RT: 5.24 min Scan# 764

Delta R.T. -0.00 min

Lab File: VL037887.D

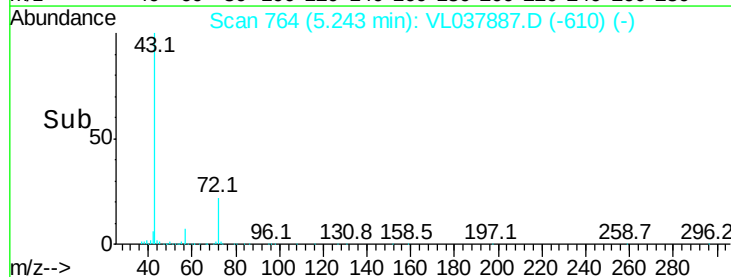
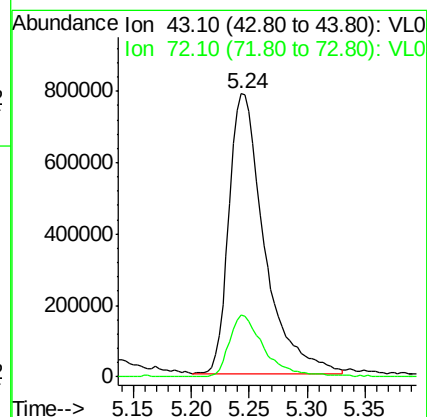
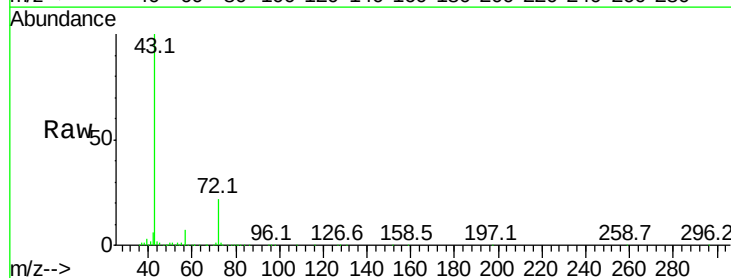
Acq: 20 Oct 2021 14:41

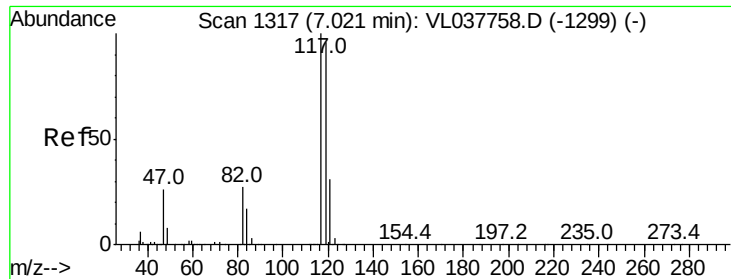
Tgt Ion: 43 Resp: 1651248

Ion Ratio Lower Upper

43 100

72 22.5 18.2 27.2





#35

Carbon Tetrachloride

Concen: 11.383 ppbv

RT: 7.02

Delta R.T. MSVOA_L

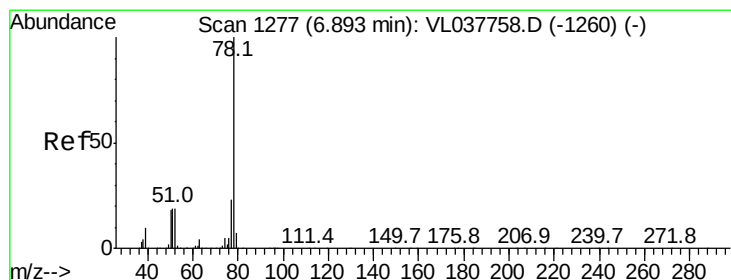
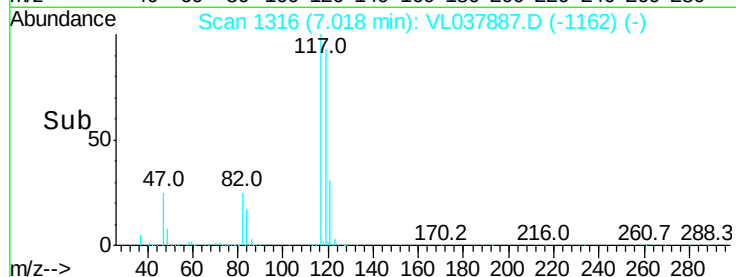
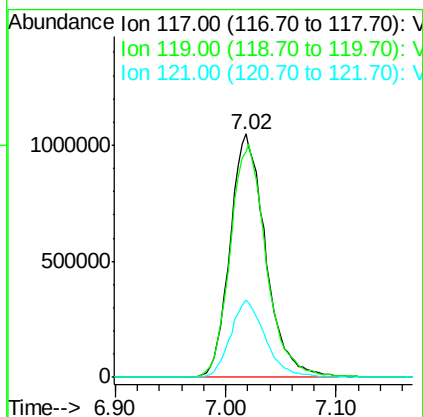
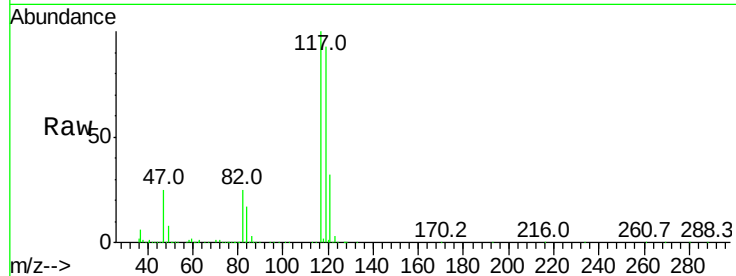
Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:41 VSTDCCC010EC

Tgt Ion: 117
Ion Ratio: 100
117 100
119 92.
121 31.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#36

Benzene

Concen: 11.292 ppbv

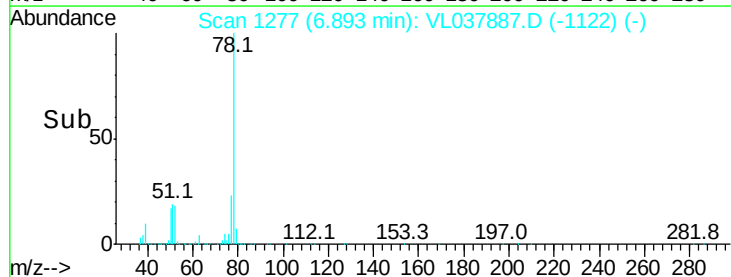
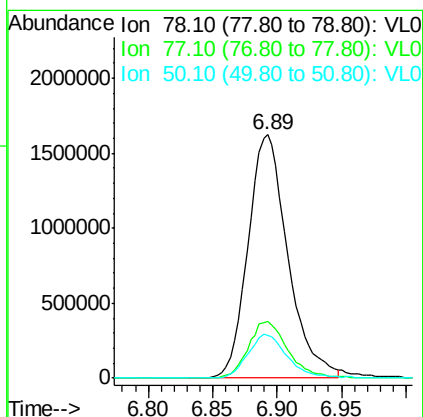
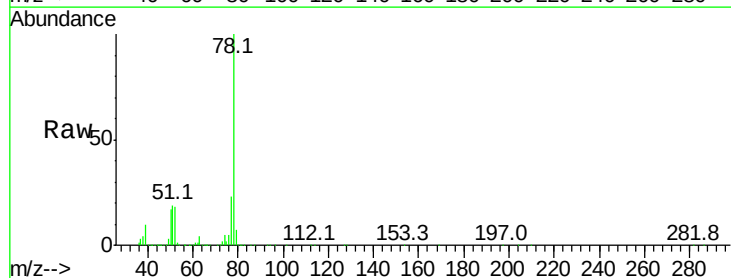
RT: 6.89 min Scan# 1277

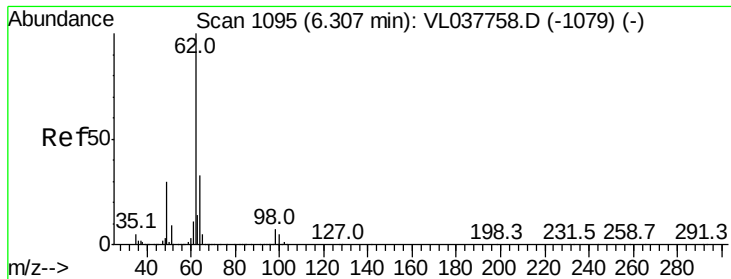
Delta R.T. -0.00 min

Lab File: VL037887.D

Acq: 20 Oct 2021 14:41

Tgt Ion: 78 Resp: 3498260
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2
50 17.4 14.7 22.1



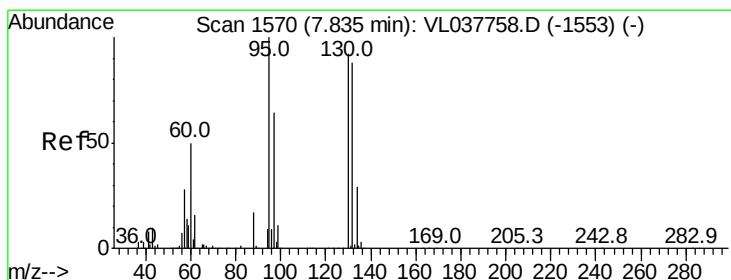
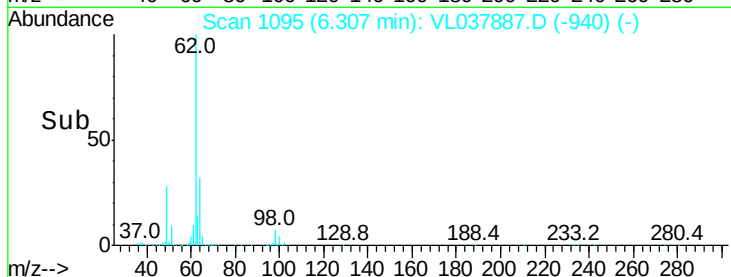
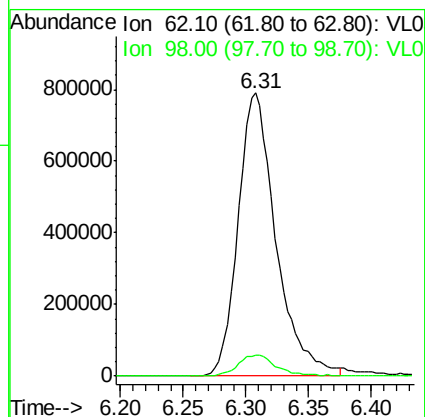
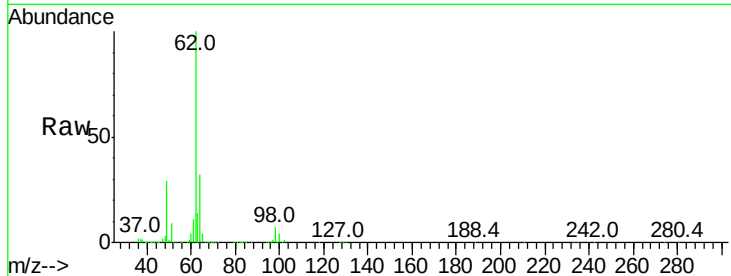


#37
 1,2-Dichloroethane
 Concen: 11.360 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Oct 2021 14:41

Tgt Ion:
 Ion Ratio
 62 100
 98 7.

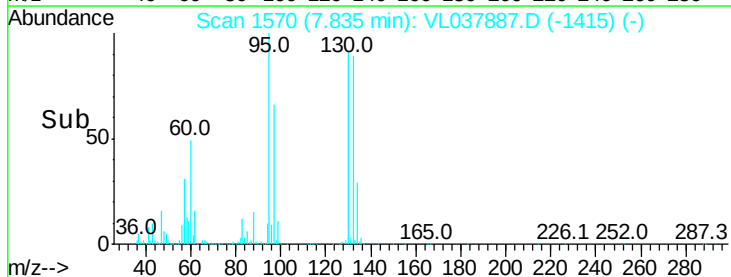
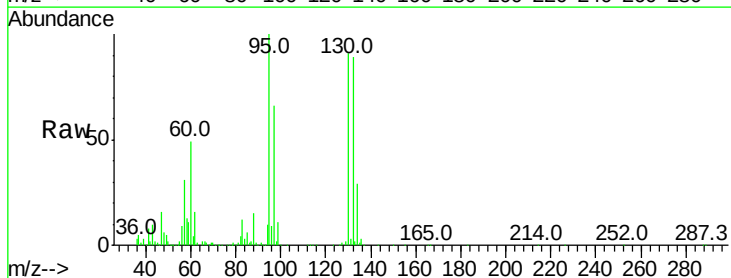
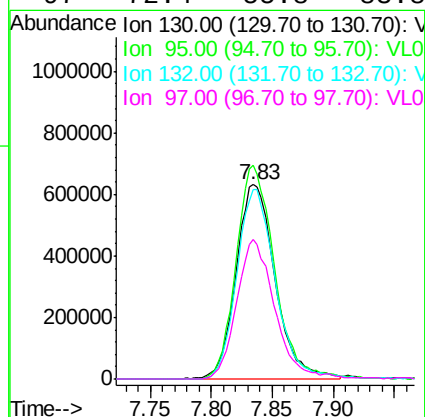
Manual Integrations
 APPROVED

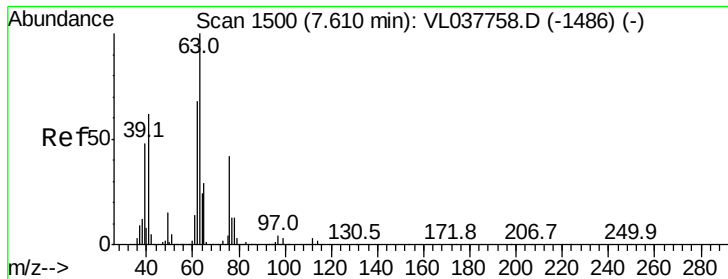
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#38
 Trichloroethene
 Concen: 11.340 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VL037887.D
 Acq: 20 Oct 2021 14:41

Tgt Ion:130 Resp: 1387949
 Ion Ratio Lower Upper
 130 100
 95 110.2 87.4 131.0
 132 97.8 76.8 115.2
 97 72.4 55.8 83.8



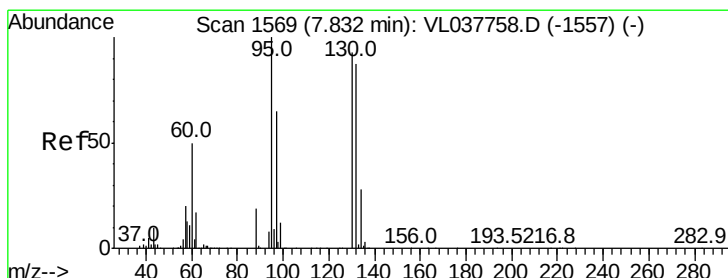
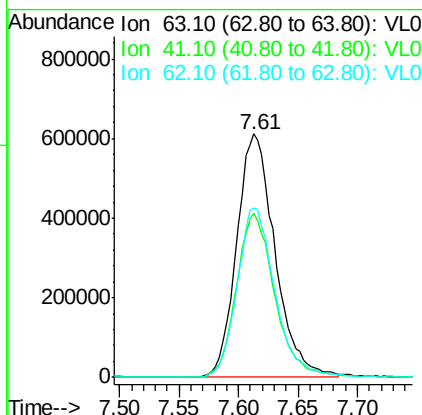
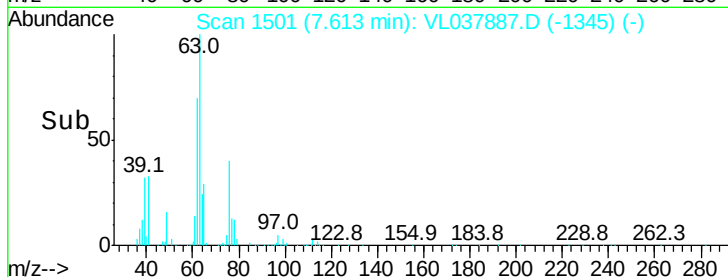
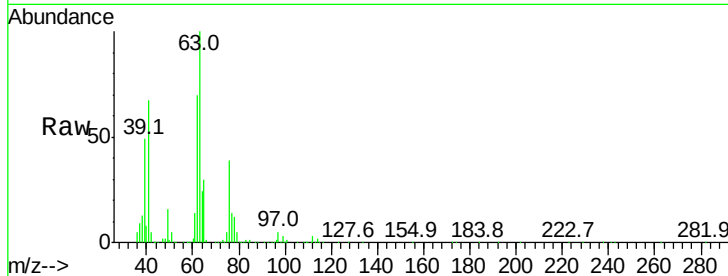


#39
 1,2-Dichloropropane
 Concen: 11.705 ppbv
 RT: 7.61
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 20 Oct 2021 14:41

Tgt Ion:
 Ion Ratio
 63 100
 41 67.
 62 69.

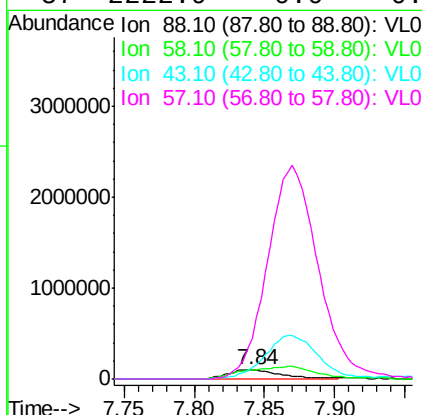
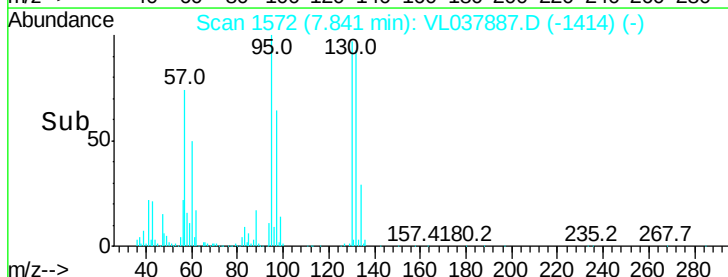
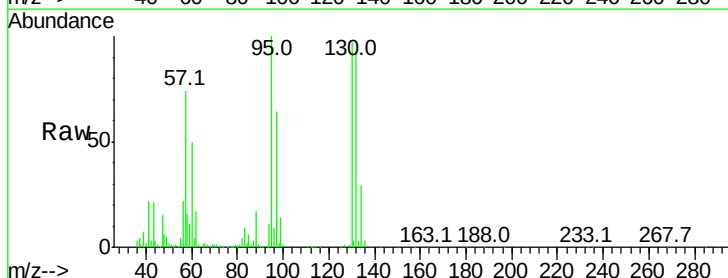
Manual Integrations
 APPROVED

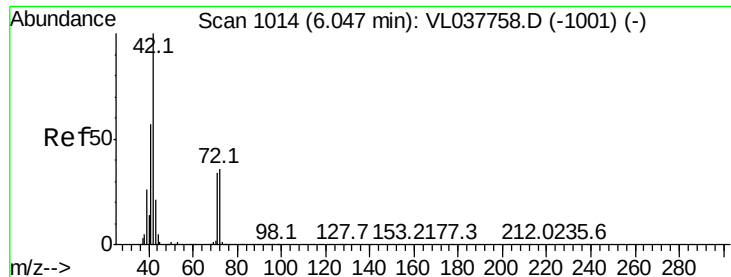
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#40
 1,4-Dioxane
 Concen: 9.159 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL037887.D
 Acq: 20 Oct 2021 14:41

Tgt Ion: 88 Resp: 267066
 Ion Ratio Lower Upper
 88 100
 58 184.1 0.0 0.0#
 43 476.8 0.0 0.0#
 57 2222.9 0.0 0.0#



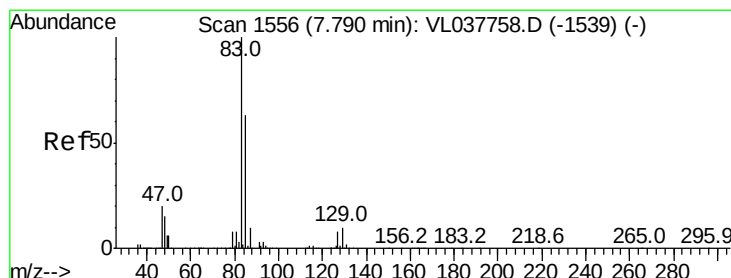
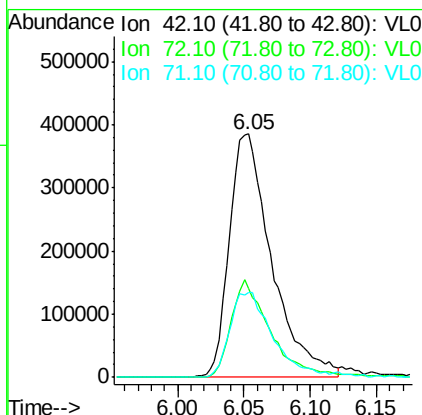
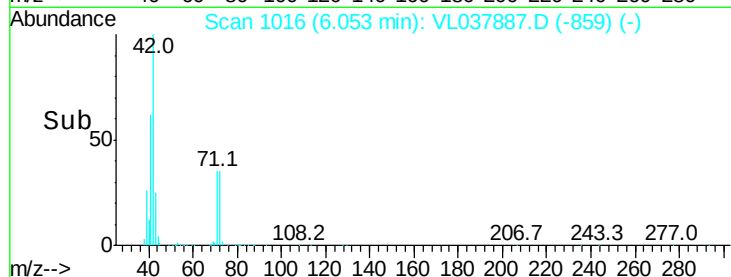
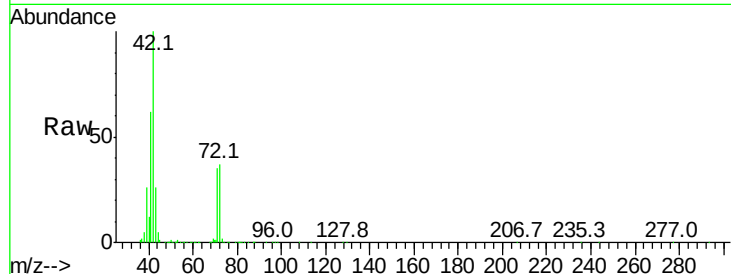


#41
Tetrahydrofuran
Concen: 11.942 ppbv
RT: 6.05
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 20 Oct 2021 14:41

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

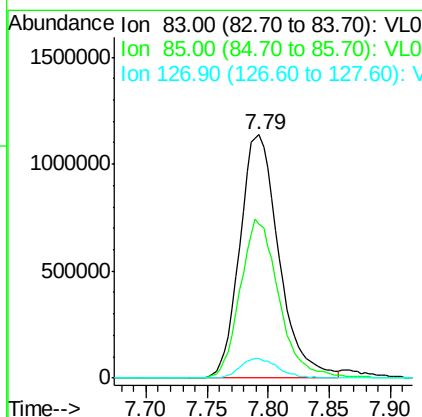
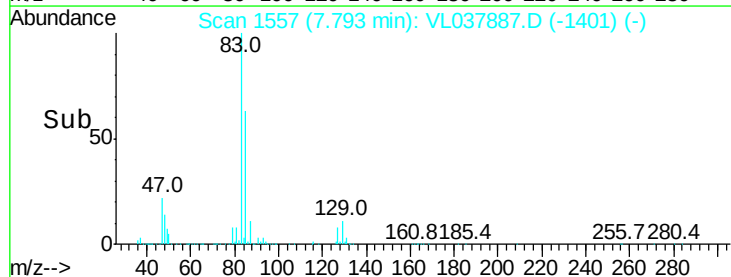
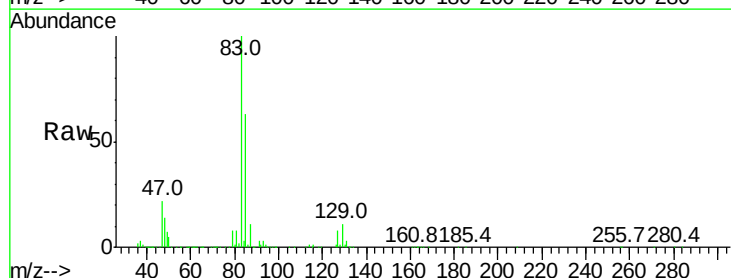
Manual Integrations
APPROVED

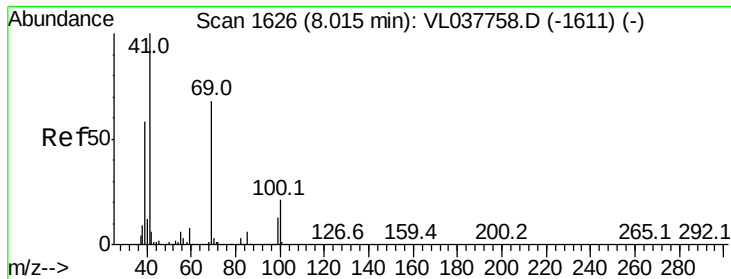
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#42
Bromodichloromethane
Concen: 11.783 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VL037887.D
Acq: 20 Oct 2021 14:41

Tgt Ion: 83 Resp: 2524605
Ion Ratio Lower Upper
83 100
85 63.3 50.6 75.8
127 8.0 6.2 9.4



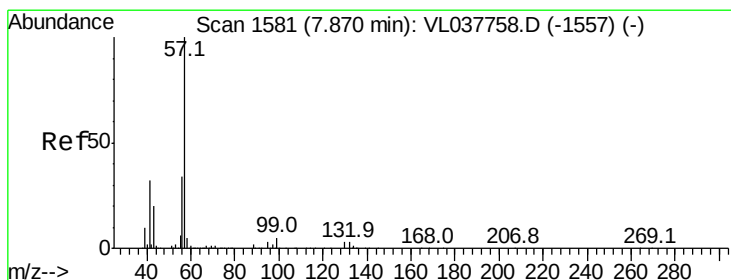
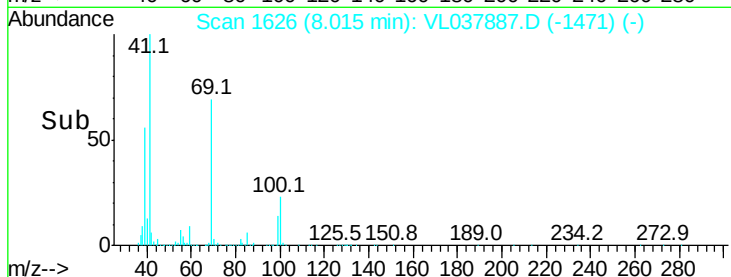
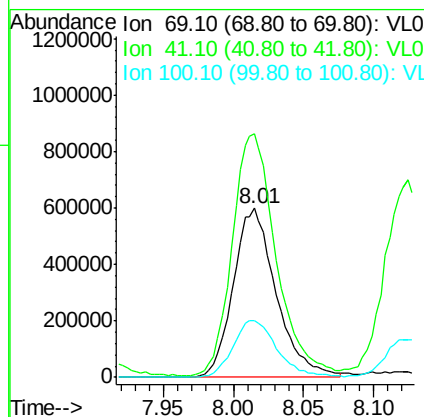
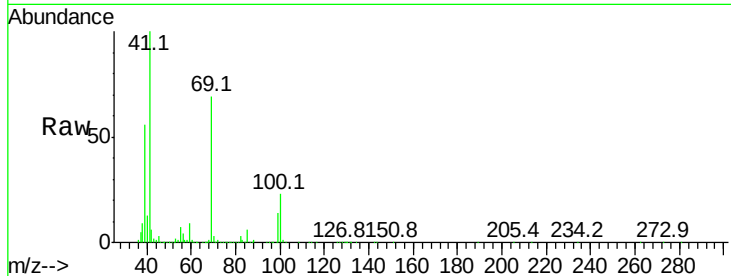


#43
Methyl Methacrylate
Concen: 12.530 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id:
Lab File: VSTDCCC010EC
Acq: 20 Oct 2021 14:41

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

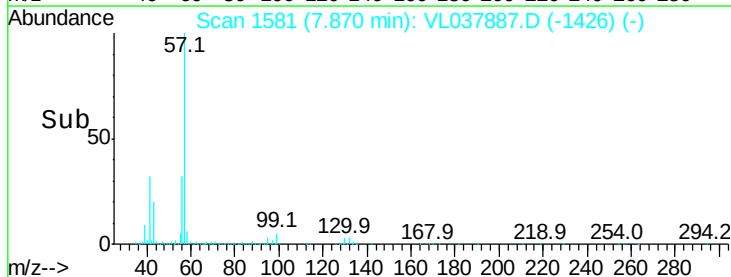
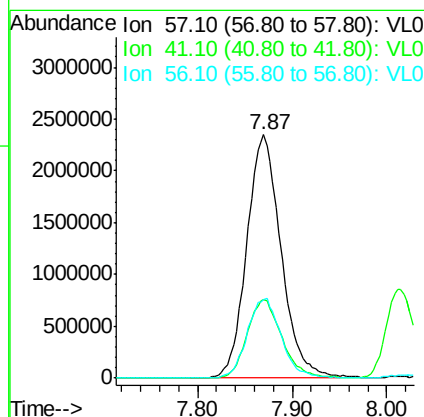
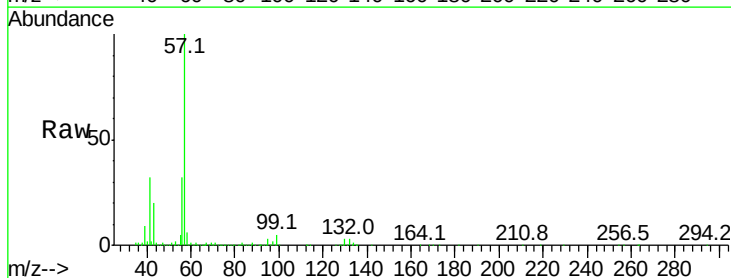
Manual Integrations
APPROVED

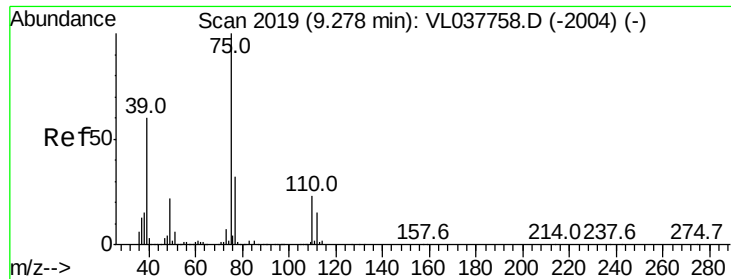
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#44
2,2,4-Trimethylpentane
Concen: 11.357 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL037887.D
Acq: 20 Oct 2021 14:41

Tgt Ion: 57 Resp: 5911142
Ion Ratio Lower Upper
57 100
41 32.6 25.6 38.4
56 32.3 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 12.240 ppbv

RT: 9.28

Instrument : MSVOA_L

Delta R.T. :

ClientSampleId :

Lab File: VSTDCCC010EC

Acq: 20 Oct 2021 14:41

Tgt Ion:

Ion Ratio

75 100

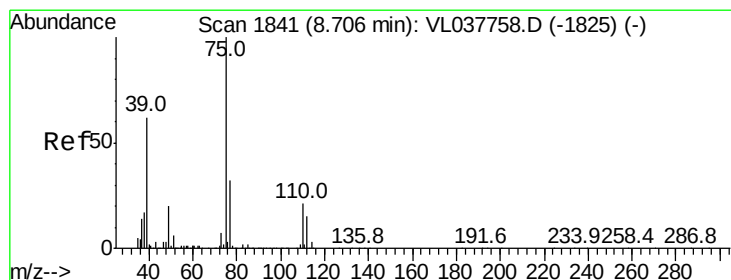
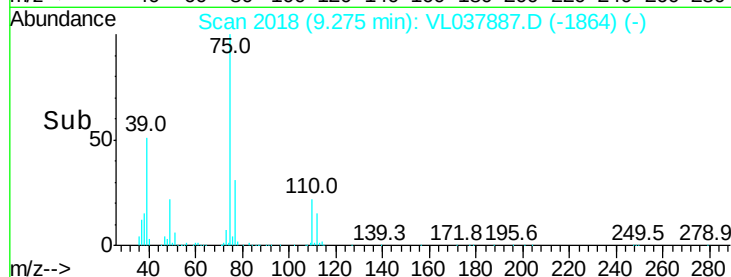
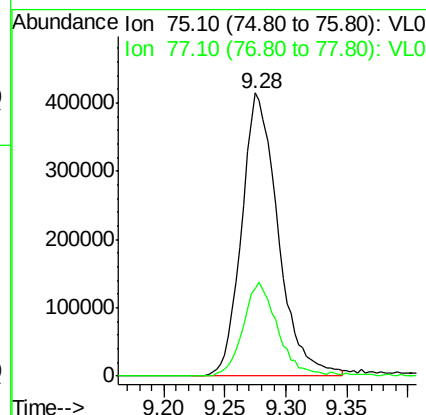
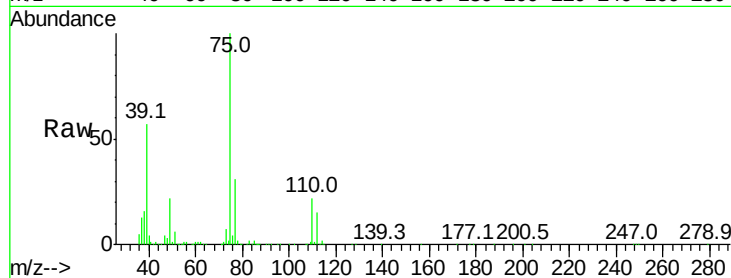
77 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#46

cis-1,3-Dichloropropene

Concen: 12.071 ppbv

RT: 8.70 min Scan# 1840

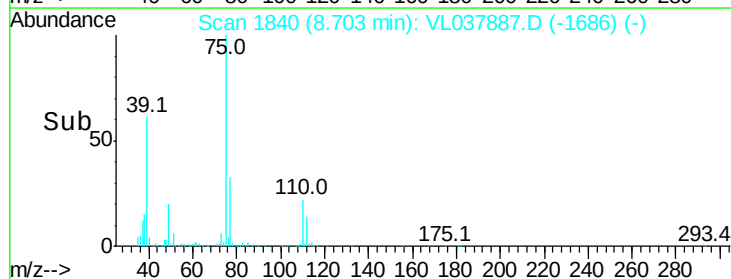
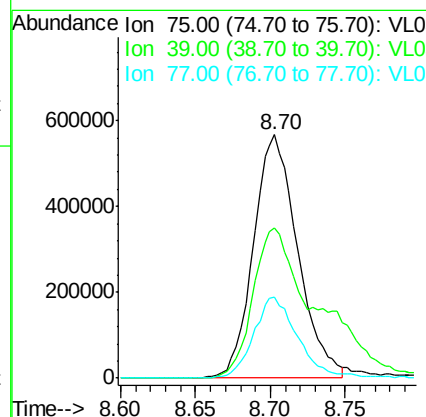
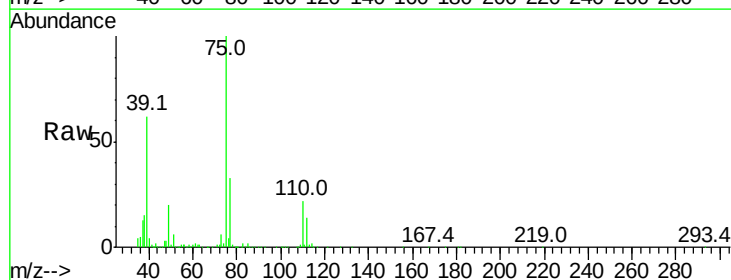
Delta R.T. -0.00 min

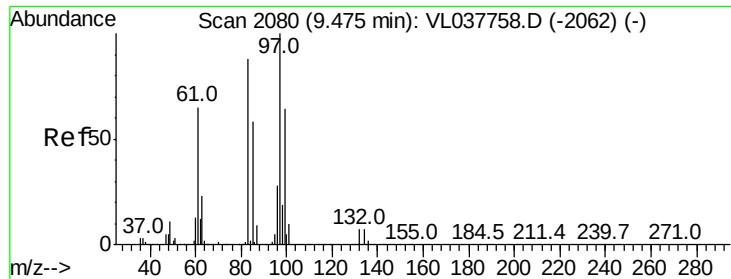
Lab File: VL037887.D

Acq: 20 Oct 2021 14:41

Tgt Ion: 75 Resp: 1164918

Ion	Ratio	Lower	Upper
75	100		
39	61.5	49.9	74.9
77	33.1	25.9	38.9



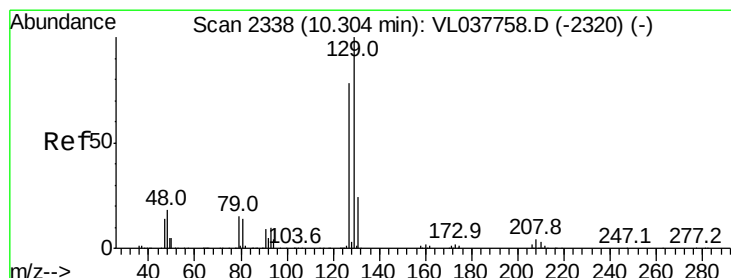
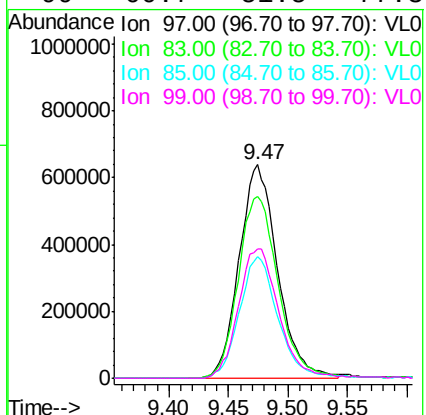
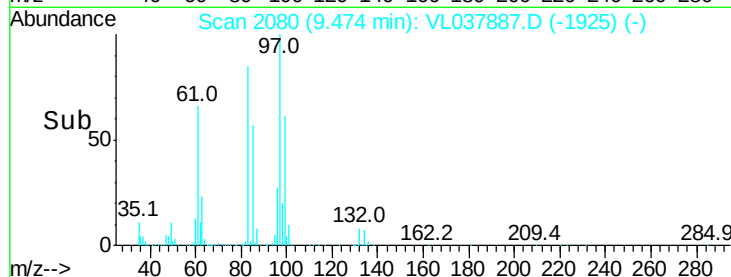
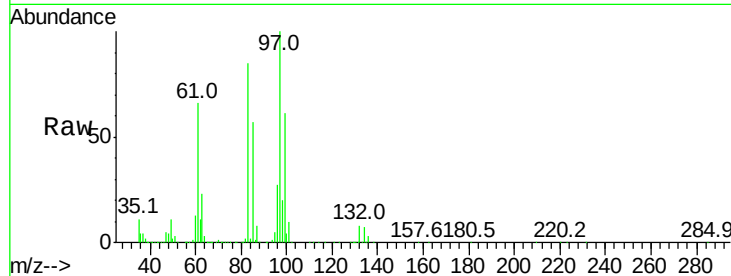


#47
 1,1,2-Trichloroethane
 Concen: 11.281 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 20 Oct 2021 14:41

Tgt Ion: 97.00 (96.70 to 97.70): VL0
 Ion Ratio 100
 83 84.
 85 56.
 99 60.7 51.5 77.3

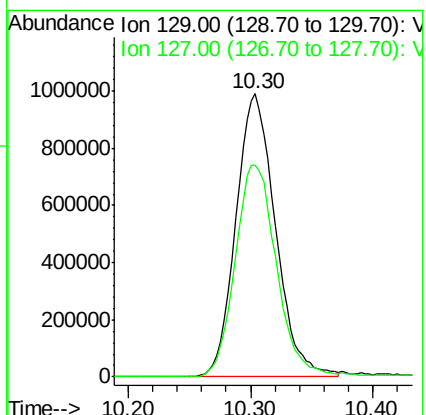
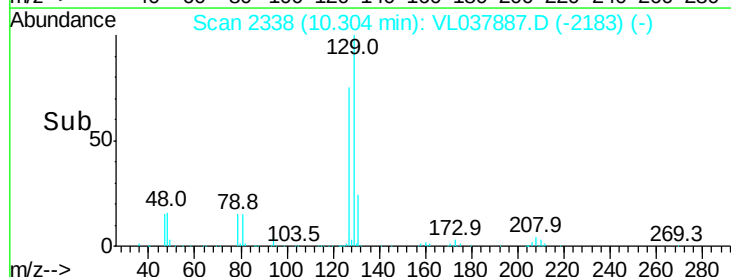
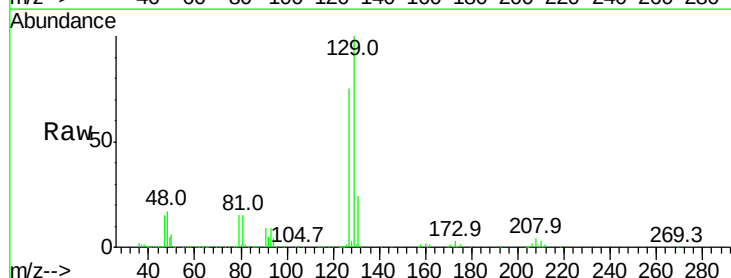
Manual Integrations
 APPROVED

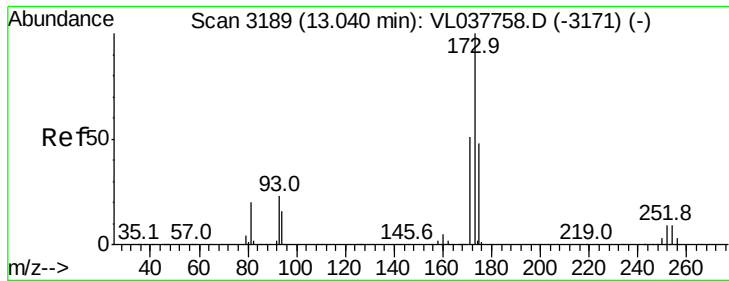
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#48
 Dibromochloromethane
 Concen: 12.300 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: VL037887.D
 Acq: 20 Oct 2021 14:41

Tgt Ion: 129 Resp: 2221211
 Ion Ratio Lower Upper
 129 100
 127 80.2 39.5 118.5



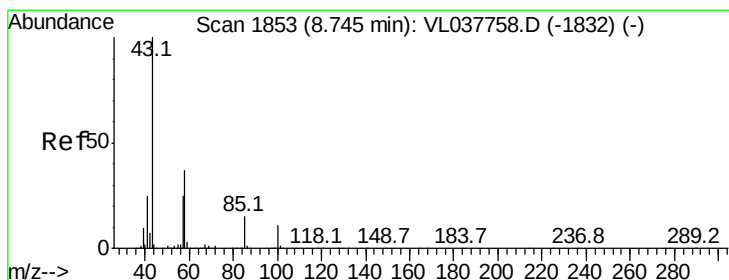
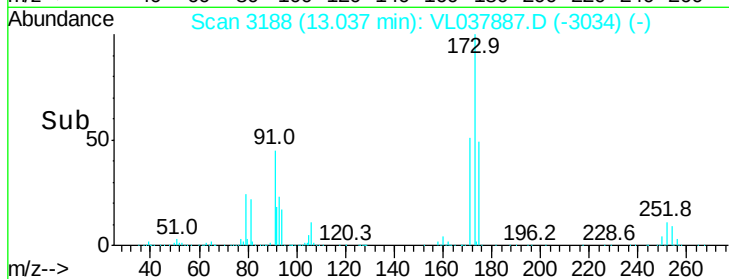
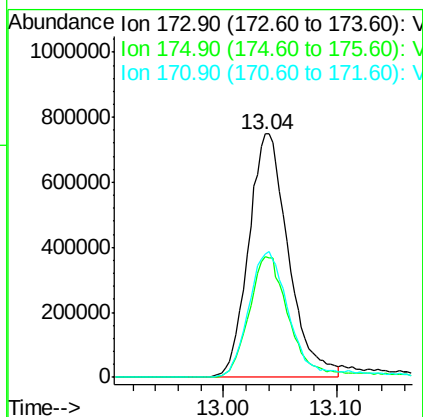
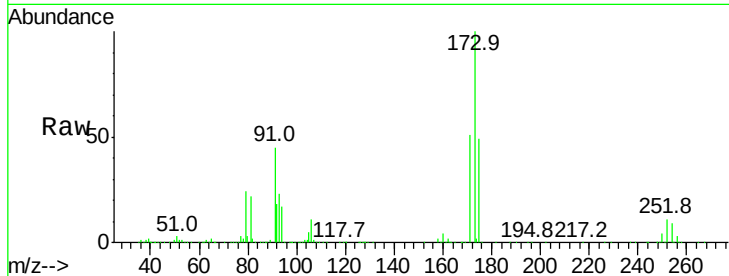


#49
Bromoform
Concen: 13.237 ppbv
RT: 13.04
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 20 Oct 2021 14:41

Tgt Ion: 1
Ion Ratio
173 100
175 51.
171 54.

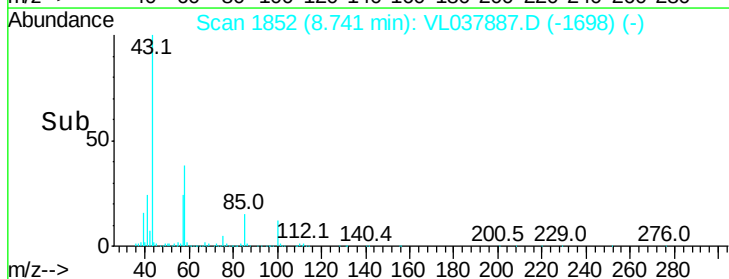
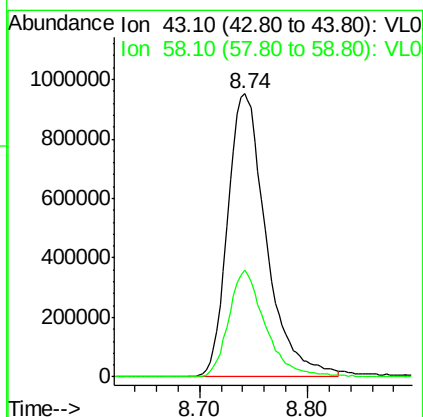
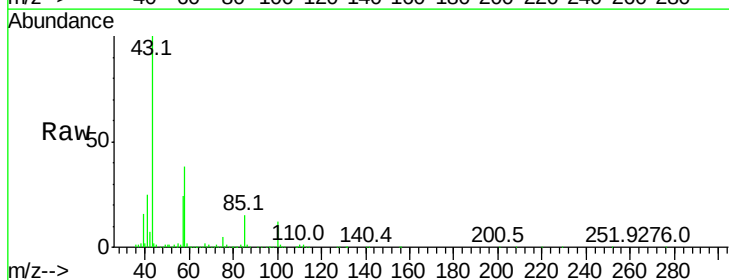
Manual Integrations
APPROVED

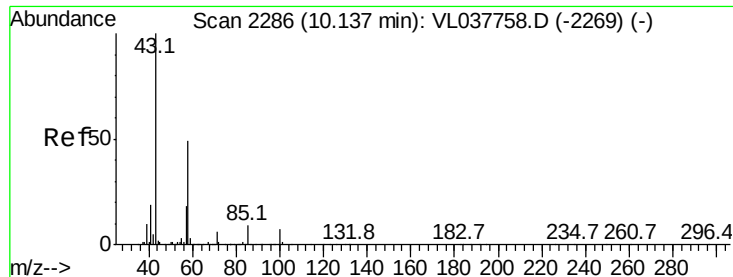
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#50
4-Methyl-2-Pentanone
Concen: 12.384 ppbv
RT: 8.74 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VL037887.D
Acq: 20 Oct 2021 14:41

Tgt Ion: 43 Resp: 2360620
Ion Ratio Lower Upper
43 100
58 36.2 29.4 44.0





#51

2-Hexanone

Concen: 12.650 ppbv

RT: 10.14

Delta R.T. MSVOA_L

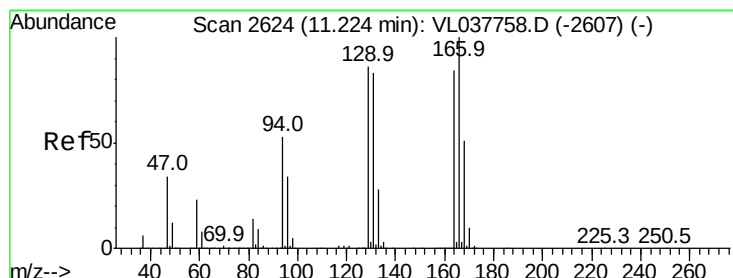
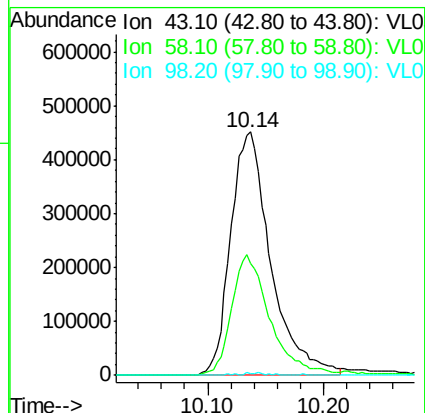
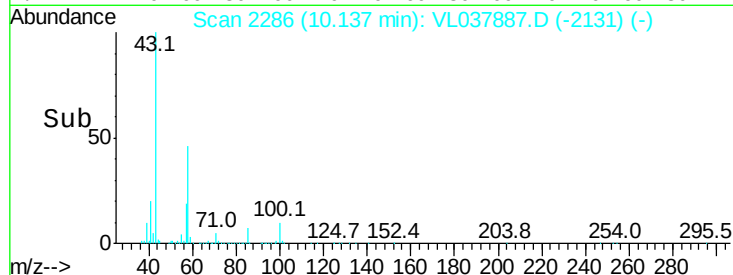
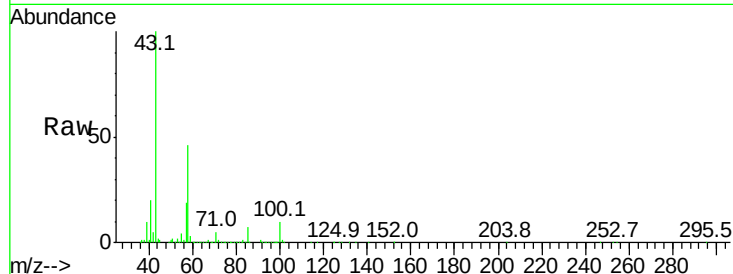
Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:41

Tgt Ion:
Ion Ratio
43 100
58 48.
98 0.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#52

Tetrachloroethene

Concen: 10.813 ppbv

RT: 11.22 min Scan# 2624

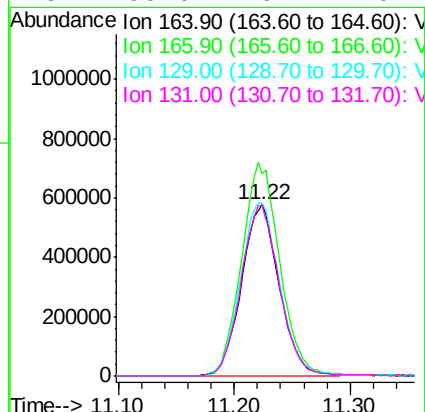
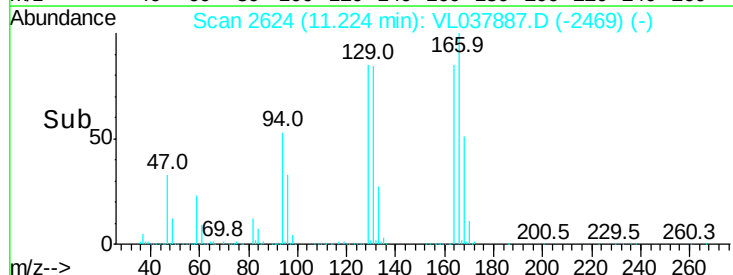
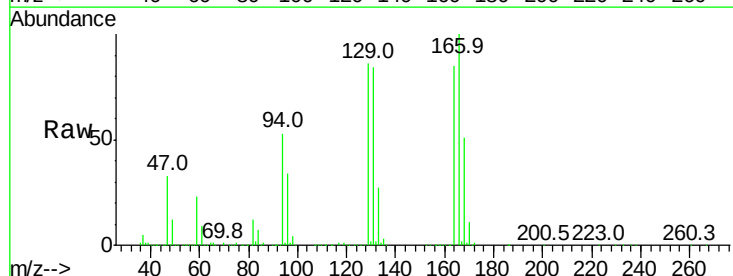
Delta R.T. -0.00 min

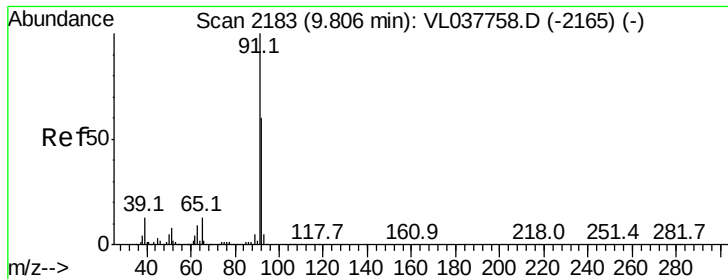
Lab File: VL037887.D

Acq: 20 Oct 2021 14:41

Tgt Ion:164 Resp: 1303337

Ion	Ratio	Lower	Upper
164	100		
166	117.9	95.4	143.2
129	100.8	82.2	123.4
131	99.0	79.4	119.2



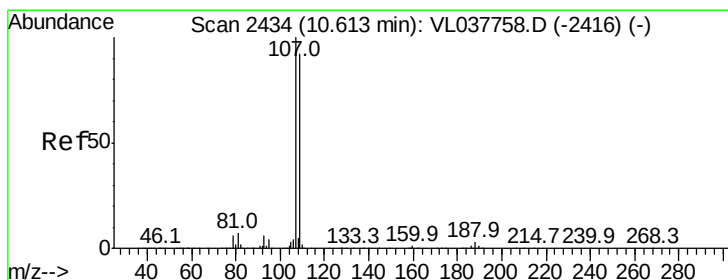
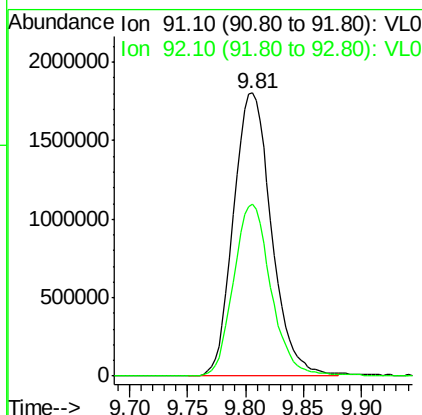
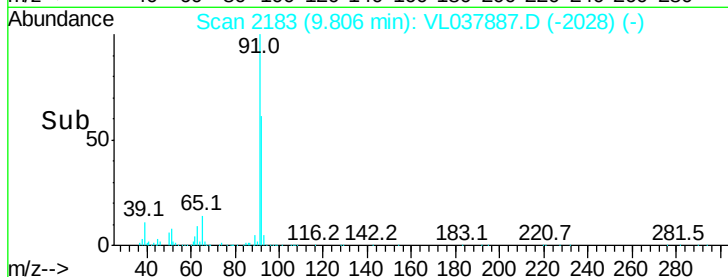
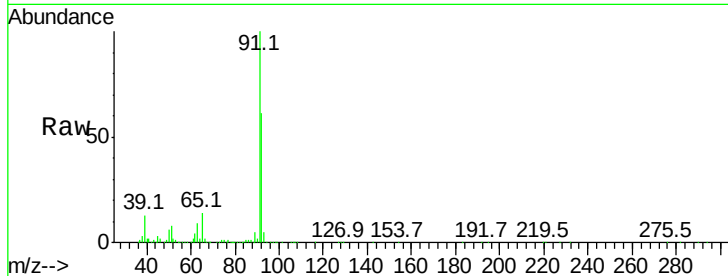


#53
Toluene
Concen: 11.951 ppbv
RT: 9.81 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 14:41

Tgt Ion:
Ion Ratio
91 100
92 60.

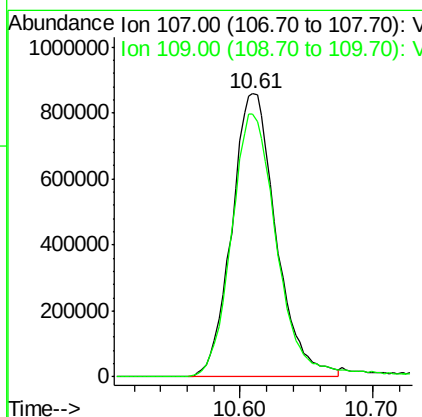
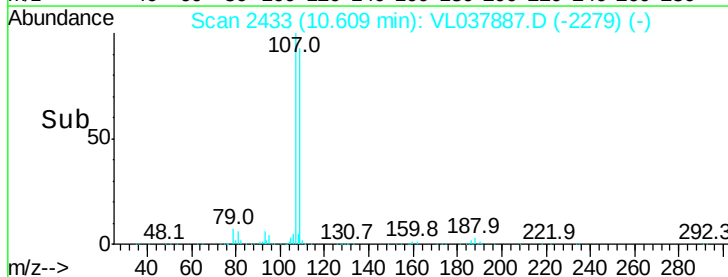
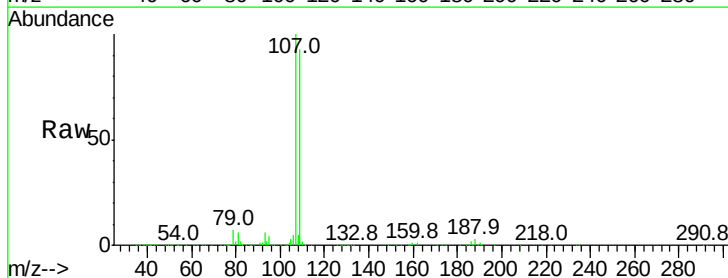
Manual Integrations
APPROVED

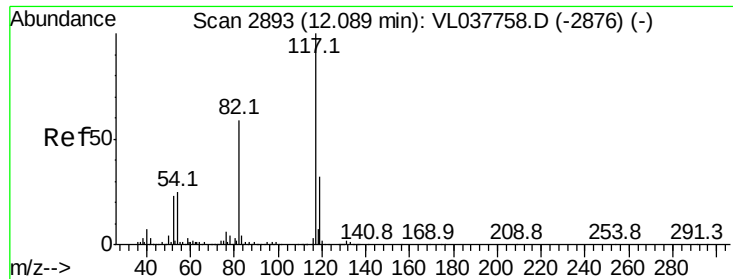
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#54
1,2-Dibromoethane
Concen: 11.559 ppbv
RT: 10.61 min Scan# 2433
Delta R.T. -0.00 min
Lab File: VL037887.D
Acq: 20 Oct 2021 14:41

Tgt Ion:107 Resp: 1977954
Ion Ratio Lower Upper
107 100
109 93.0 73.8 110.6



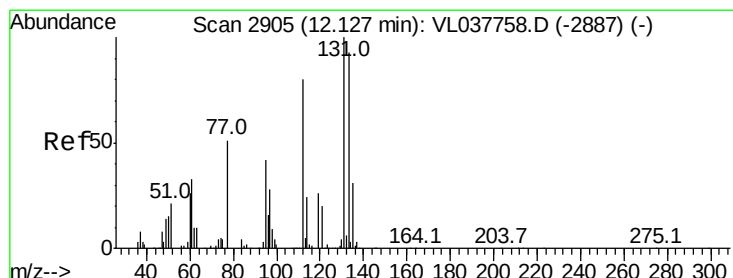
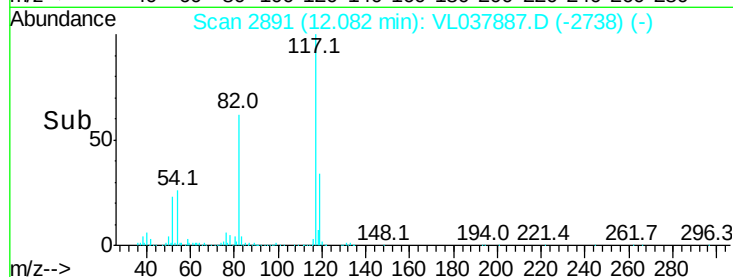
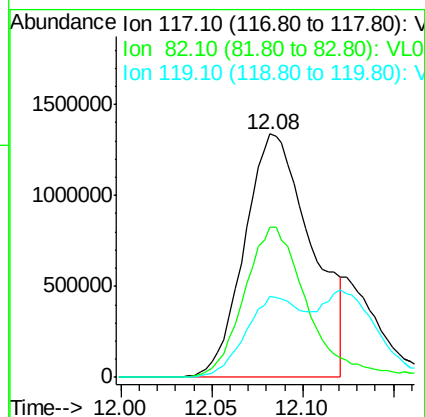
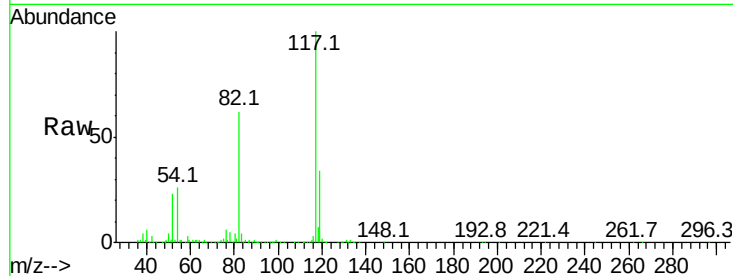


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Oct 2021 14:41

Tgt Ion:1
Ion Rati
117 100
82 60.
119 29.

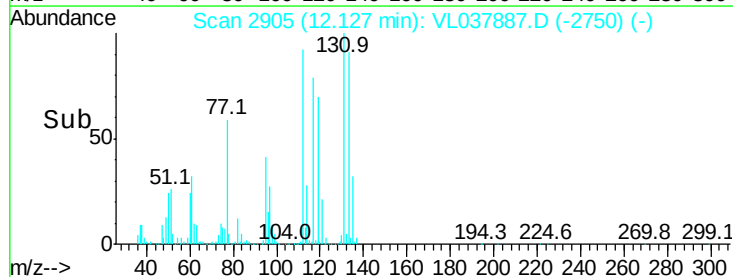
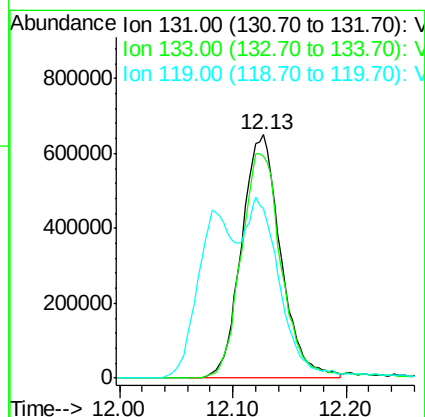
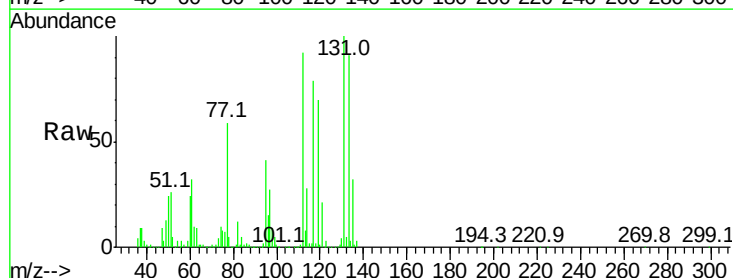
Manual Integrations
APPROVED

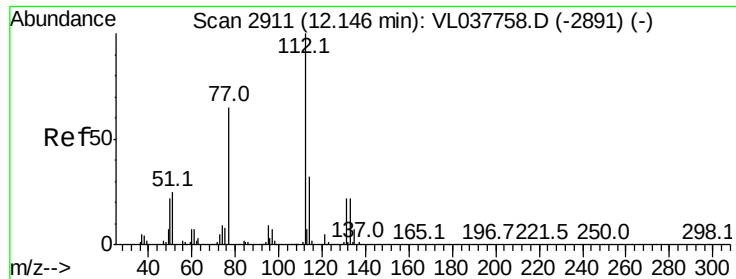
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 10.966 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.00 min
Lab File: VL037887.D
Acq: 20 Oct 2021 14:41

Tgt Ion:131 Resp: 1562325
Ion Ratio Lower Upper
131 100
133 97.8 78.5 117.7
119 69.7 51.7 77.5



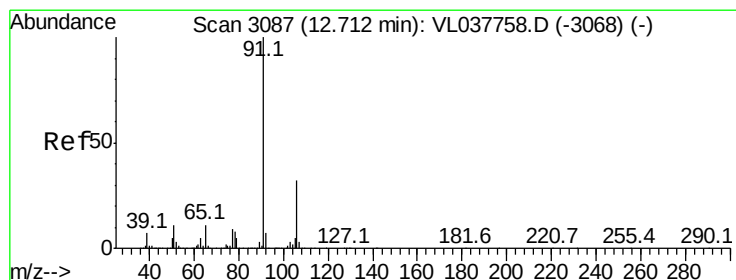
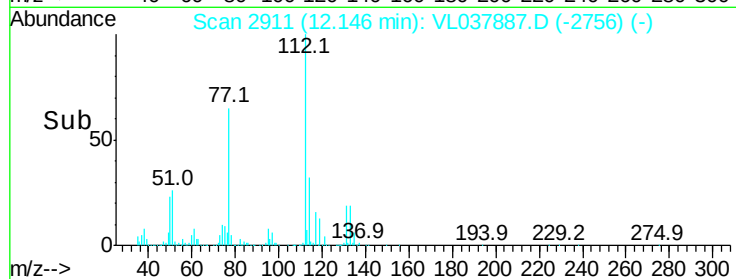
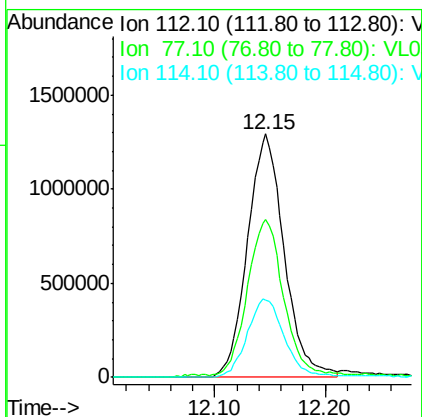
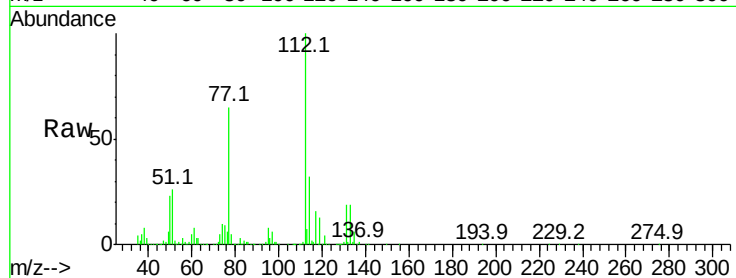


#57
Chlorobenzene
Concen: 10.573 ppbv
RT: 12.15
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Oct 2021 14:41
VSTDCCC010EC

Tgt Ion: 1
Ion Ratio
112 100
77 64.
114 31.

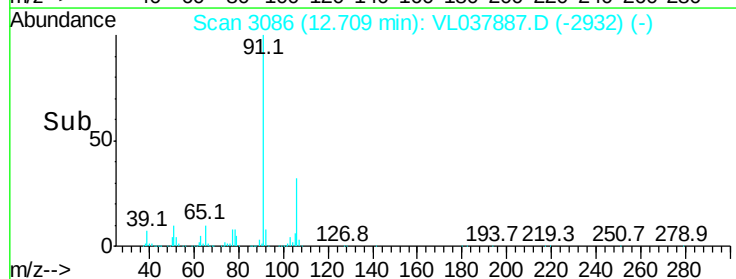
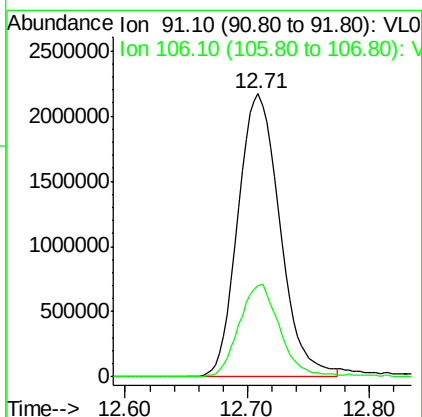
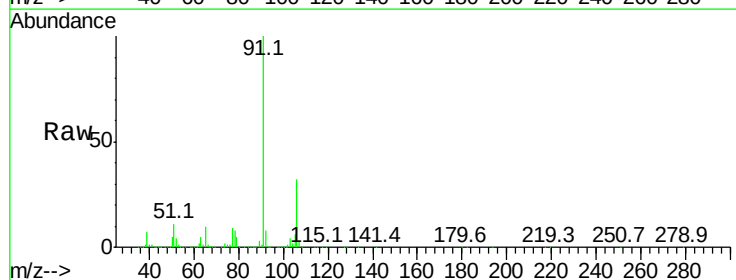
Manual Integrations
APPROVED

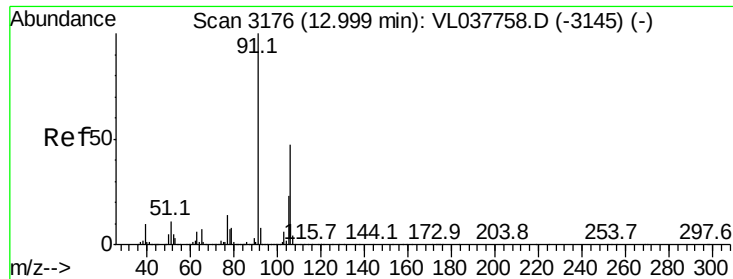
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#58
Ethyl Benzene
Concen: 11.192 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VL037887.D
Acq: 20 Oct 2021 14:41

Tgt Ion: 91 Resp: 5172178
Ion Ratio Lower Upper
91 100
106 32.5 25.3 37.9



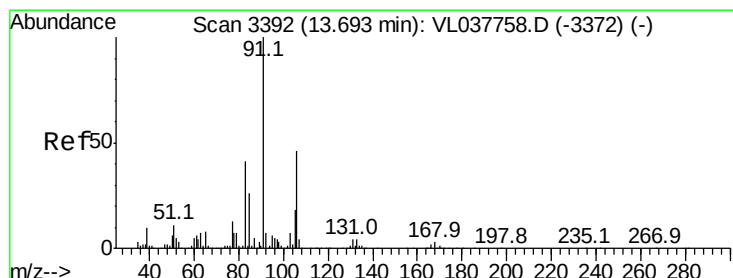
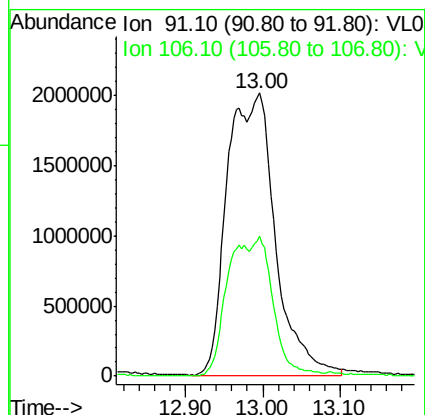
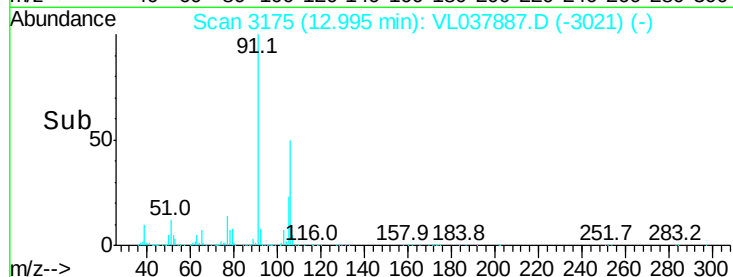
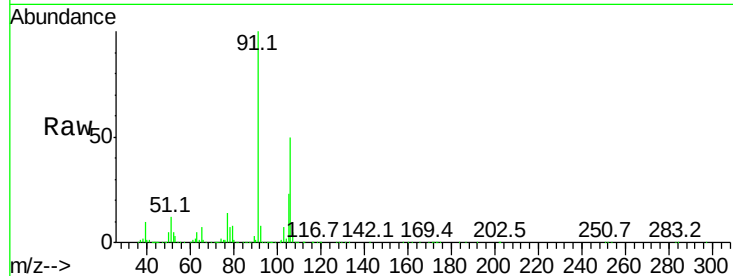


#59
m/p-Xylene
Concen: 22.149 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Oct 2021 14:41

Tgt Ion:
Ion Ratio
91 100
106 46.

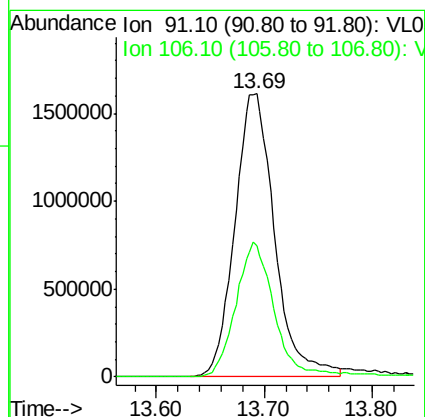
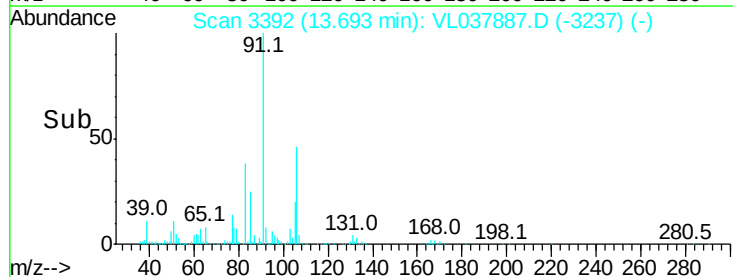
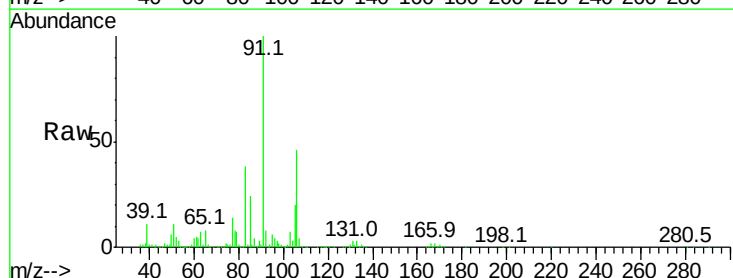
Manual Integrations
APPROVED

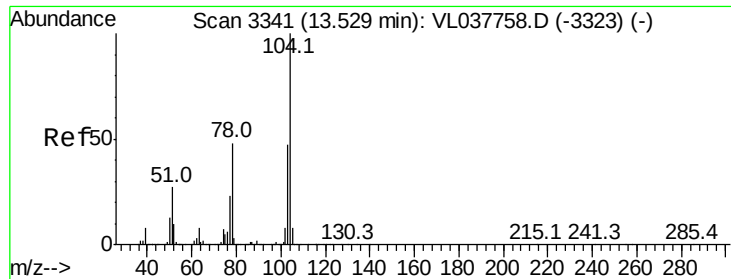
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#60
o-Xylene
Concen: 10.800 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL037887.D
Acq: 20 Oct 2021 14:41

Tgt Ion: 91 Resp: 4105909
Ion Ratio Lower Upper
91 100
106 47.6 23.5 70.5





#61

Styrene

Concen: 12.401 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:41 VSTDCCC010EC

Tgt Ion:1

Ion Ratio

104 100

78 49.

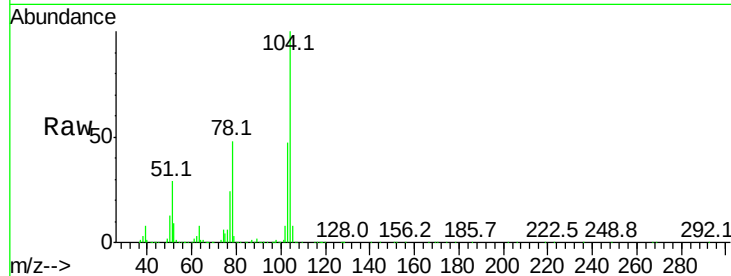
103 49.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

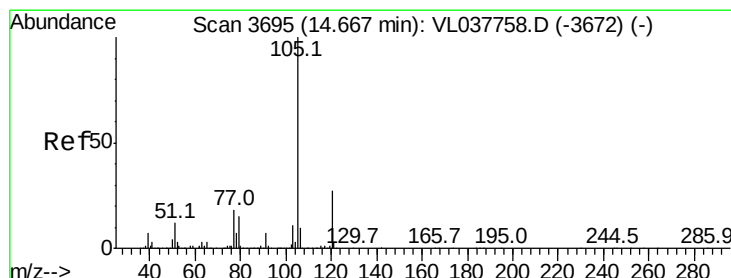
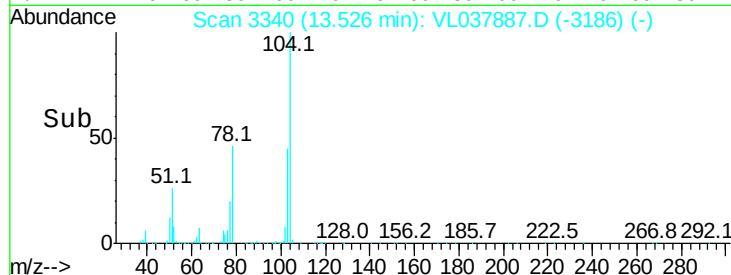
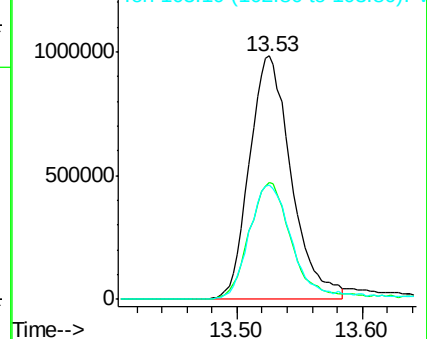
Supervised By :Mahesh Dadoda 10/25/2021



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: 10.669 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VL037887.D

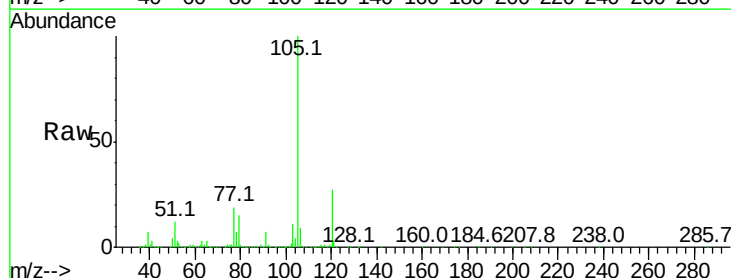
Acq: 20 Oct 2021 14:41

Tgt Ion:105 Resp: 5657543

Ion Ratio Lower Upper

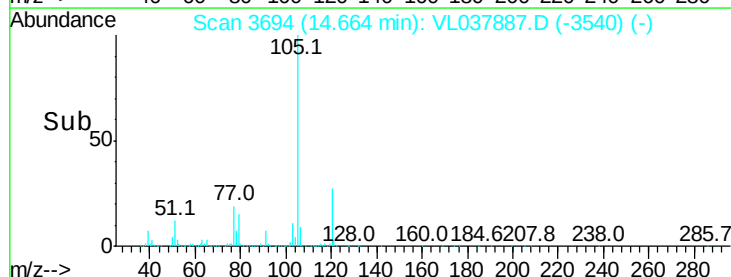
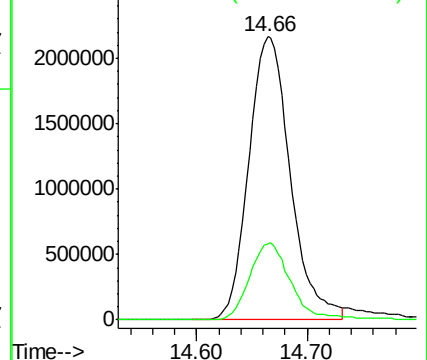
105 100

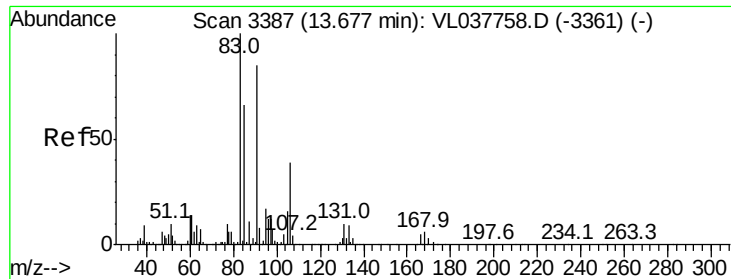
120 27.5 21.3 31.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



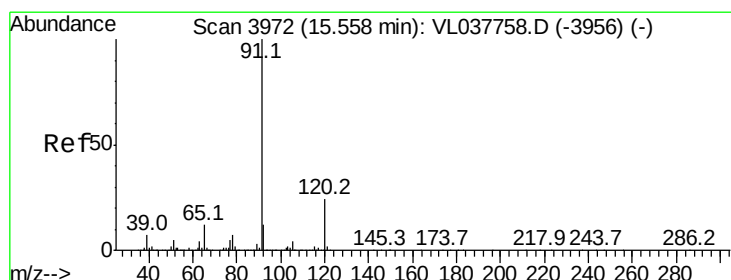
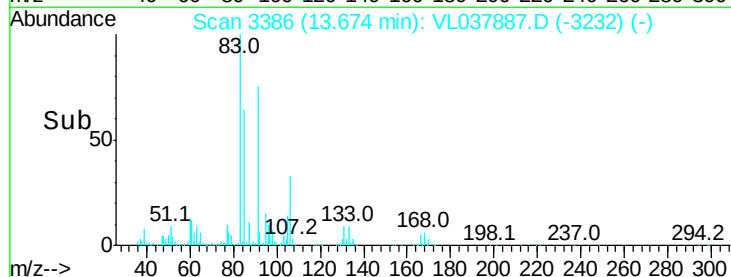
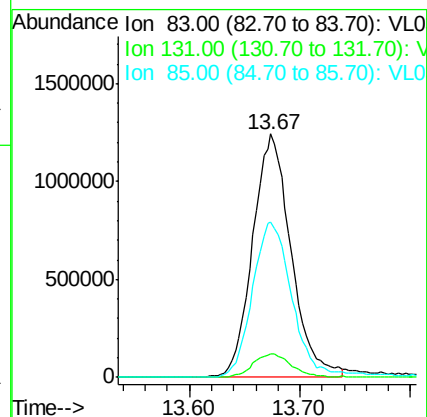
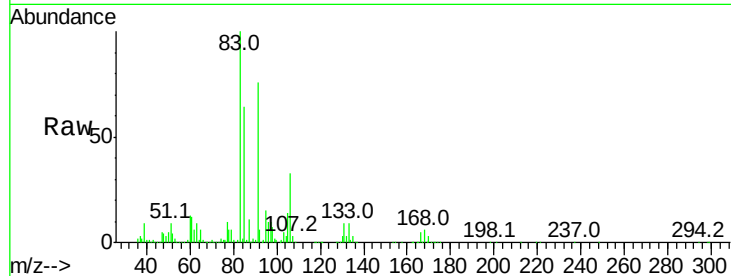


#63
 1,1,2,2-Tetrachloroethane
 Concen: 10.224 ppbv
 RT: 13.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 20 Oct 2021 14:41

Tgt Ion:
 Ion Ratio
 83 100
 131 10.
 85 68.

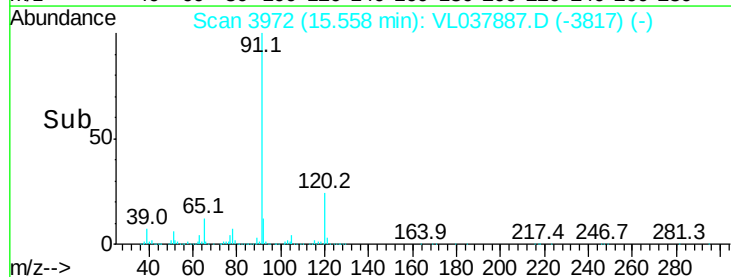
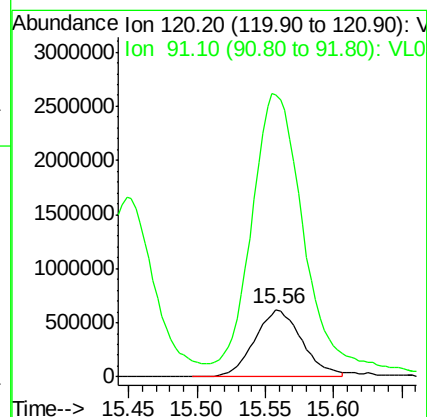
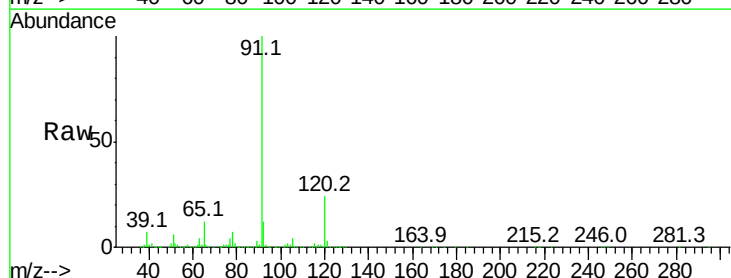
Manual Integrations
 APPROVED

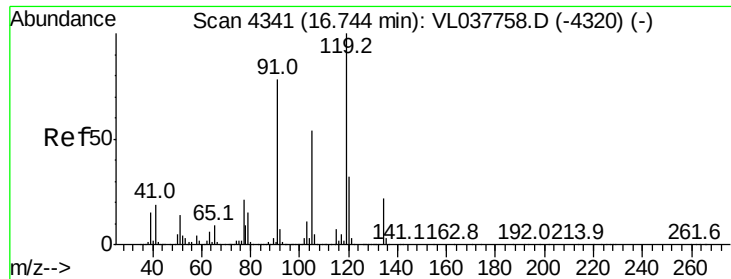
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#64
 n-propylbenzene
 Concen: 11.316 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T. -0.00 min
 Lab File: VL037887.D
 Acq: 20 Oct 2021 14:41

Tgt Ion:120 Resp: 1496327
 Ion Ratio Lower Upper
 120 100
 91 484.5 375.0 562.6



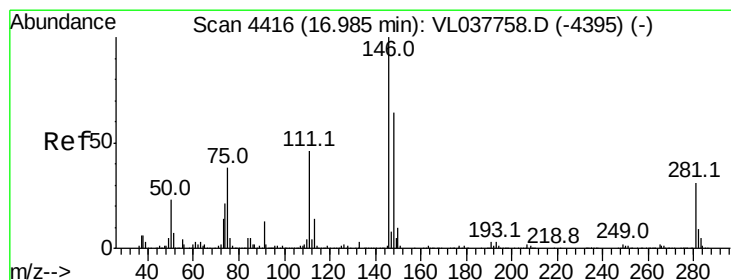
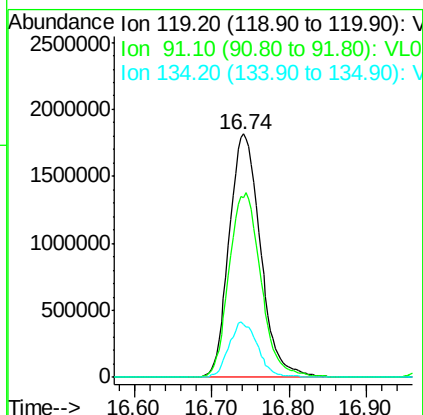
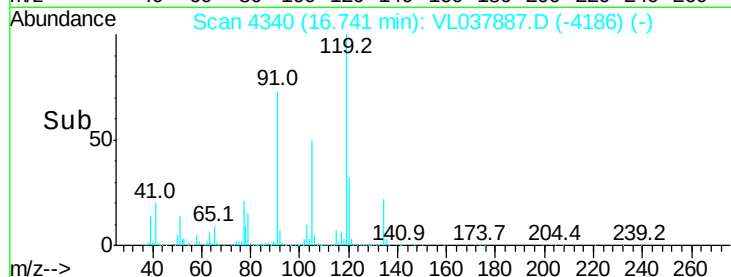
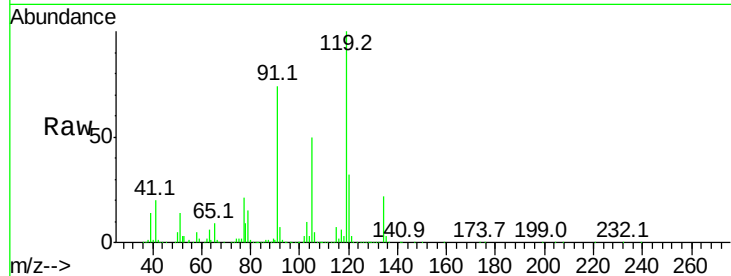


#65
 tert-Butylbenzene
 Concen: 10.913 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VSTDCCC010EC
 Acq: 20 Oct 2021 14:41

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

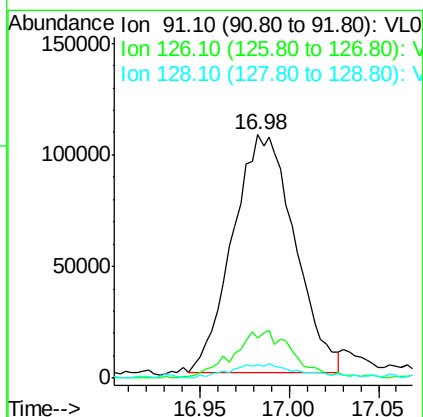
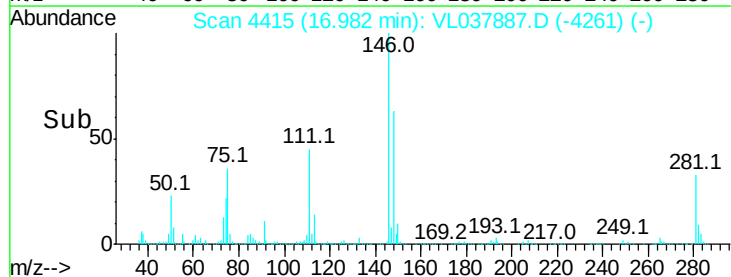
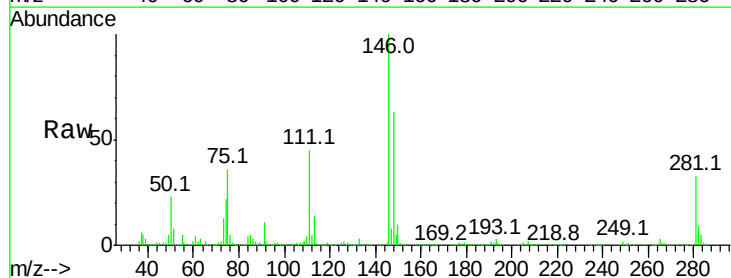
Manual Integrations
 APPROVED

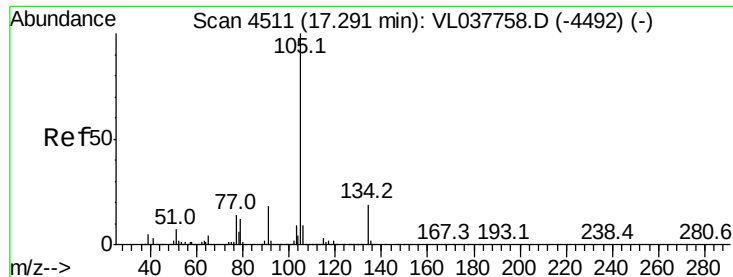
Reviewed By : Semsettin Yesilyurt 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021



#66
 Benzyl Chloride
 Concen: 11.210 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T.: -0.00 min
 Lab File: VL037887.D
 Acq: 20 Oct 2021 14:41

Tgt Ion: 91 Resp: 258148
 Ion Ratio Lower Upper
 91 100
 126 19.6 0.0 0.0#
 128 8.8 5.3 7.9#





#67

sec-Butylbenzene

Concen: 11.173 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:41

Tgt Ion:1

Ion Ratio

105 100

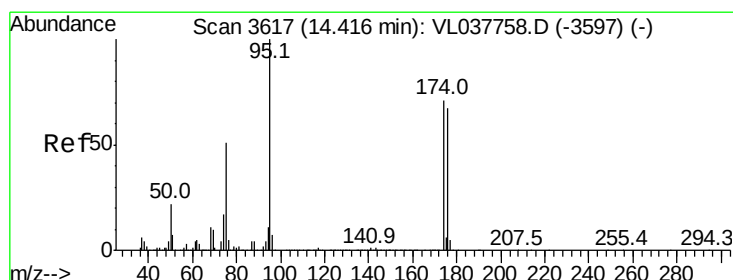
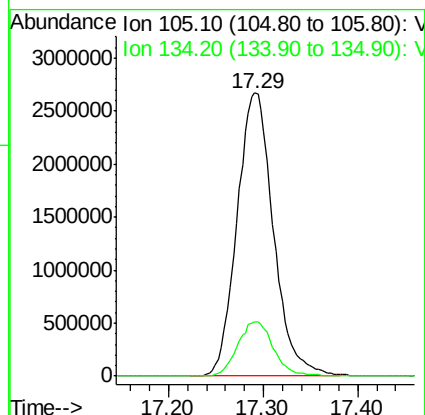
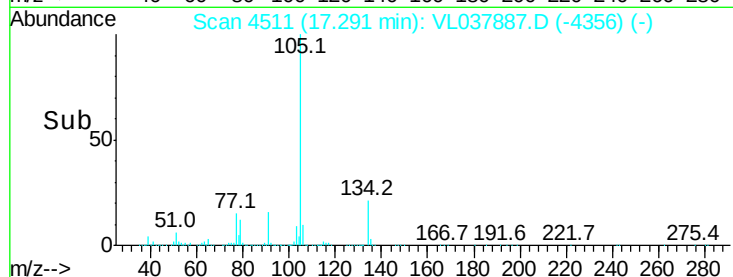
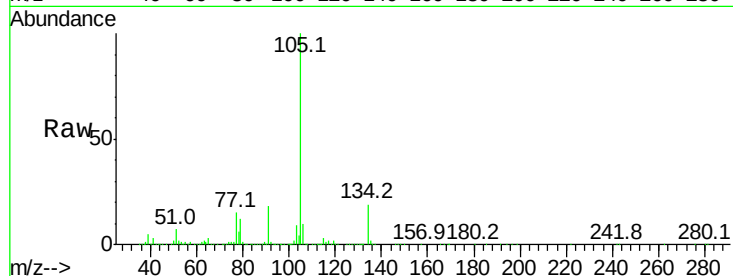
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 9.531 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.01 min

Lab File: VL037887.D

Acq: 20 Oct 2021 14:41

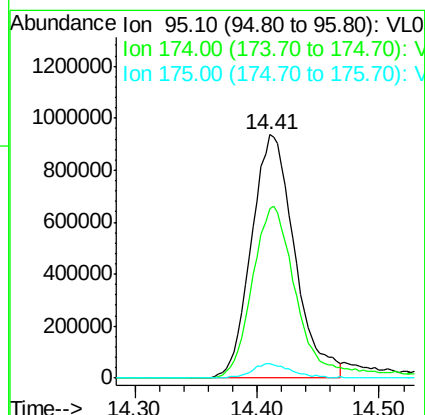
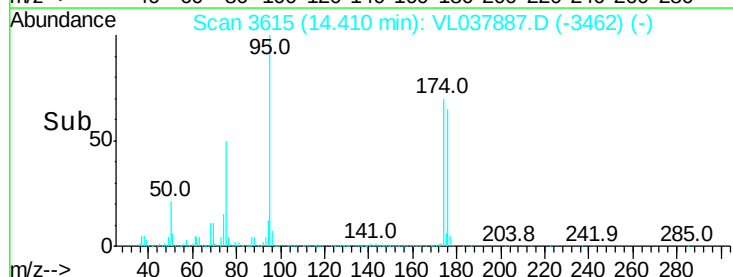
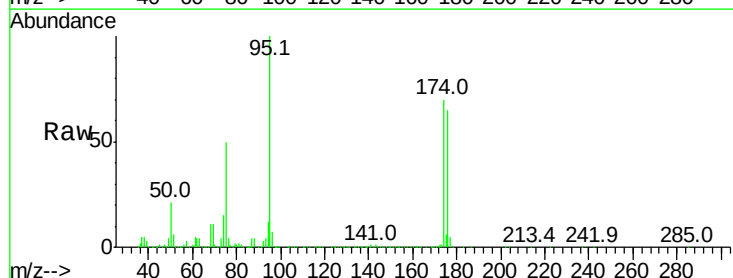
Tgt Ion: 95 Resp: 2293838

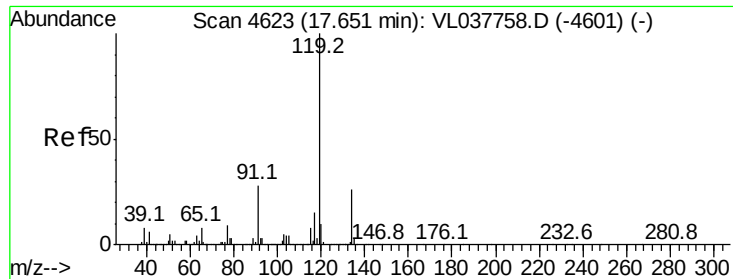
Ion Ratio Lower Upper

95 100

174 75.0 57.8 86.6

175 5.9 4.7 7.1



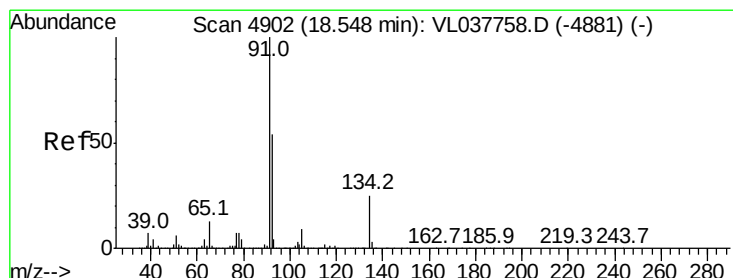
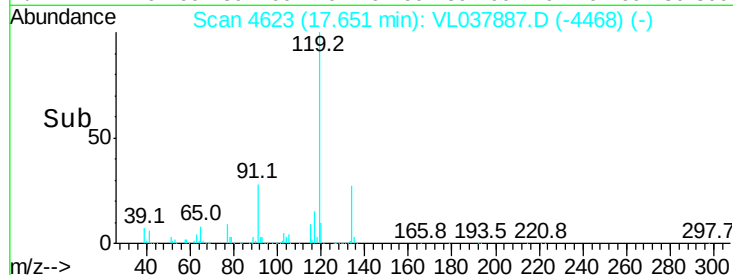
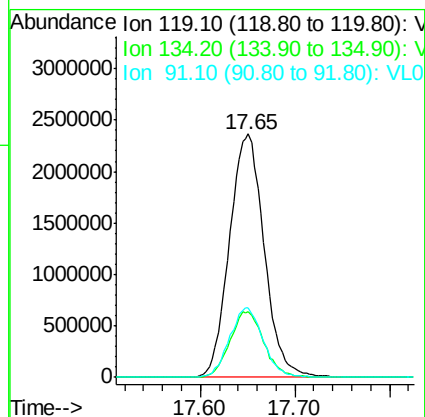
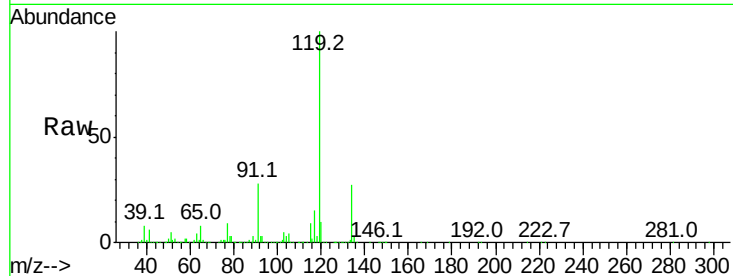


#69
 p-Isopropyltoluene
 Concen: 11.645 ppbv
 RT: 17.65 min
 Delta R.T.: 0.00 min
 Lab File: VSTDCCC010EC
 Acq: 20 Oct 2021 14:41

Tgt Ion: 119
 Ion Ratio: 100
 119 100
 134 26.1
 91 27.1

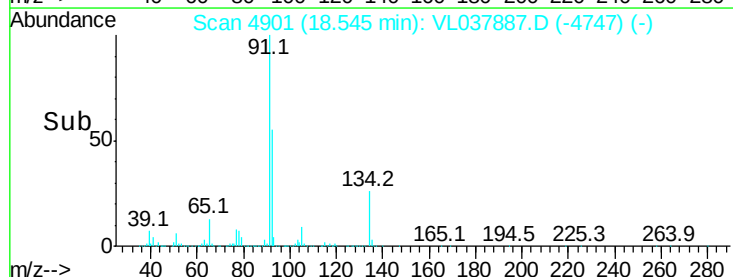
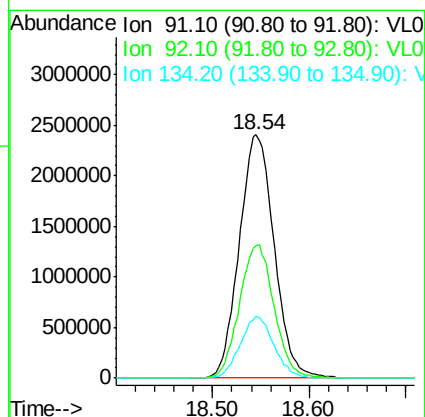
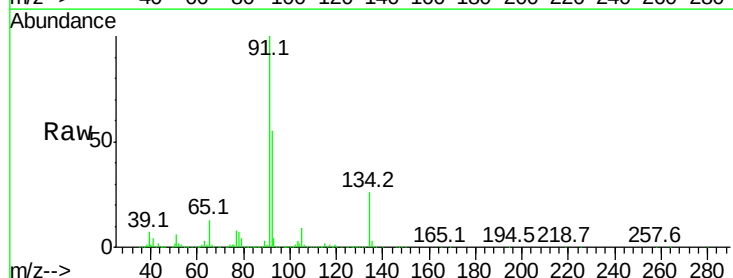
Manual Integrations
 APPROVED

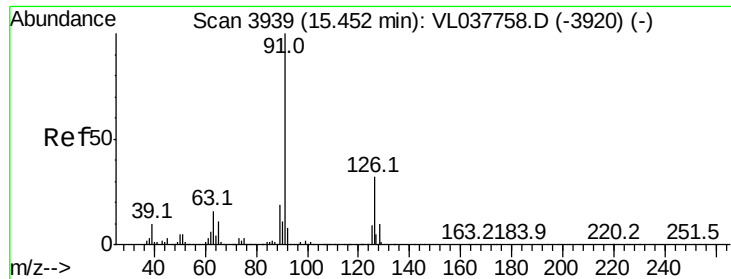
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#70
 n-Butylbenzene
 Concen: 12.315 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T.: -0.00 min
 Lab File: VL037887.D
 Acq: 20 Oct 2021 14:41

Tgt Ion: 91 Resp: 6036486
 Ion Ratio Lower Upper
 91 100
 92 54.4 43.4 65.0
 134 24.5 19.8 29.6



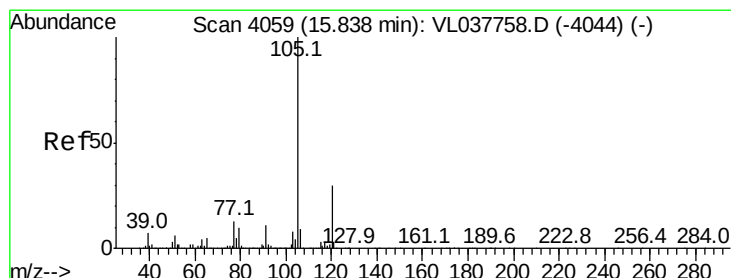
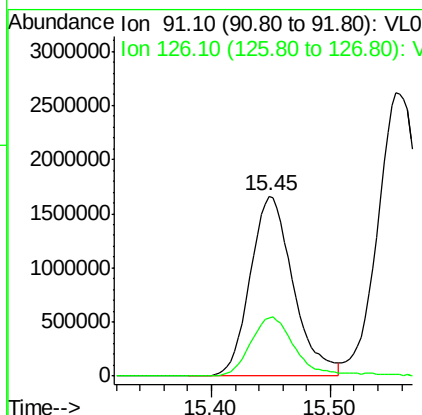
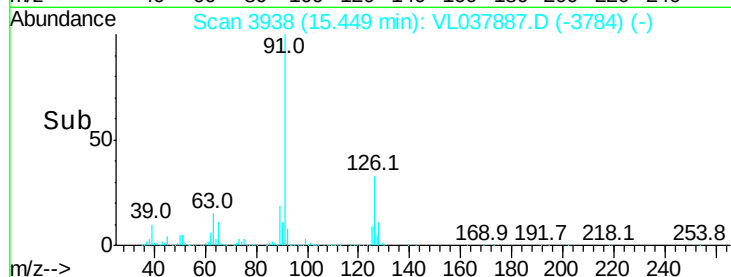
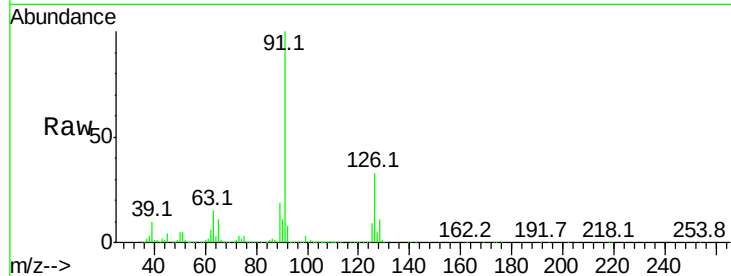


#71
2-Chlorotoluene
Concen: 11.066 ppbv
RT: 15.45 min
Delta R.T.: 0.00 min
Lab File: VSTDCCC010EC
Acq: 20 Oct 2021 14:41

Tgt Ion:
Ion Ratio
91 100
126 34.

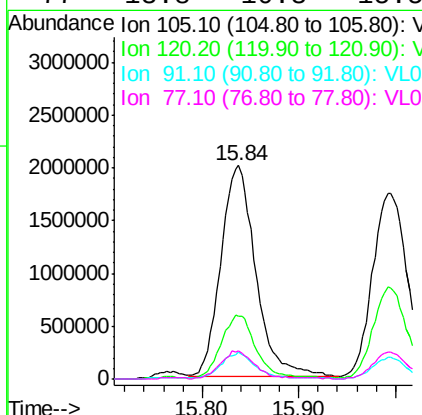
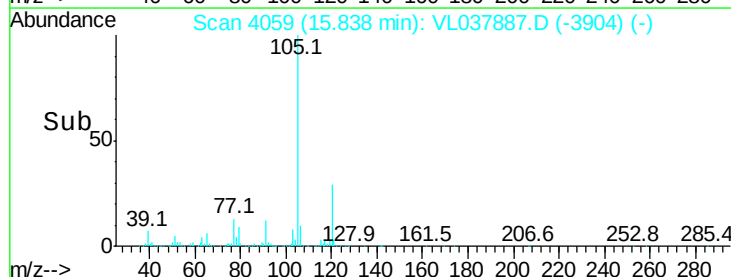
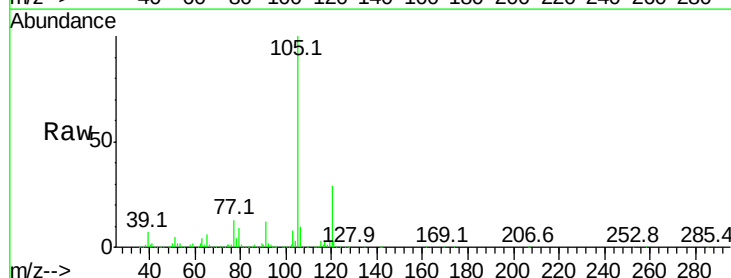
Manual Integrations
APPROVED

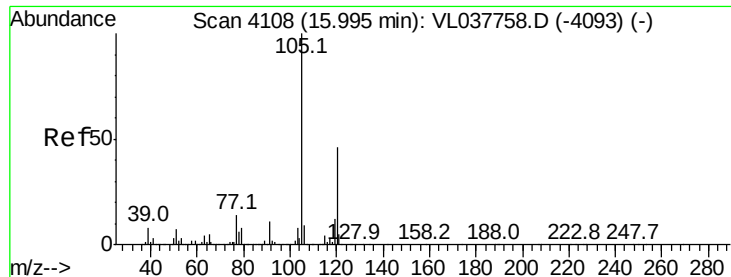
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#72
4-Ethyltoluene
Concen: 11.624 ppbv
RT: 15.84 min Scan# 4059
Delta R.T.: -0.00 min
Lab File: VL037887.D
Acq: 20 Oct 2021 14:41

Tgt Ion:105 Resp: 5017580
Ion Ratio Lower Upper
105 100
120 30.9 24.2 36.2
91 12.0 10.4 15.6
77 13.8 10.3 15.5





#73

1,3,5-Trimethylbenzene

Concen: 11.245 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:41

Tgt Ion:1

Ion Ratio

105 100

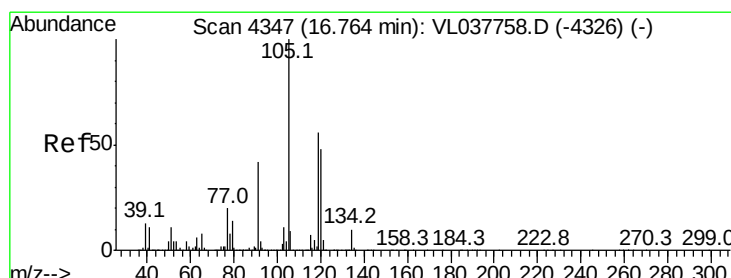
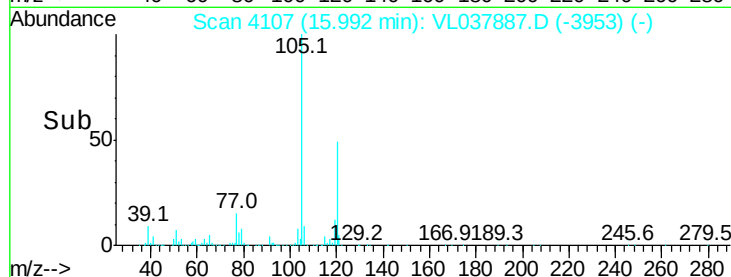
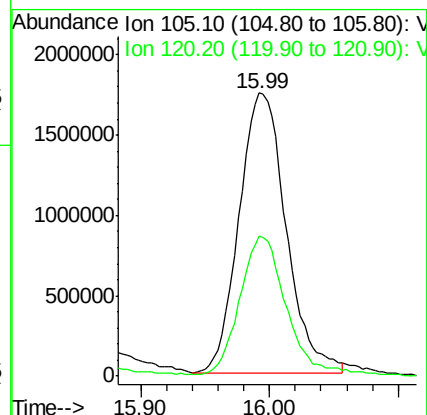
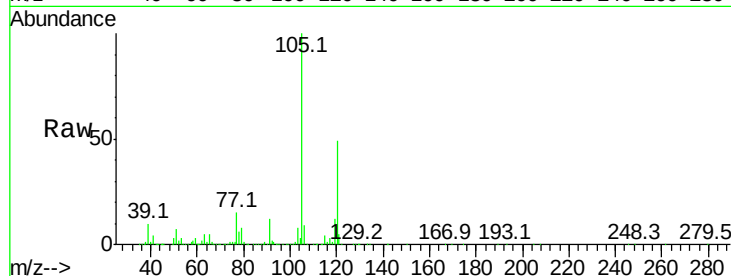
120 49.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#74

1,2,4-Trimethylbenzene

Concen: 11.304 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. -0.00 min

Lab File: VL037887.D

Acq: 20 Oct 2021 14:41

Tgt Ion:105 Resp: 4654346

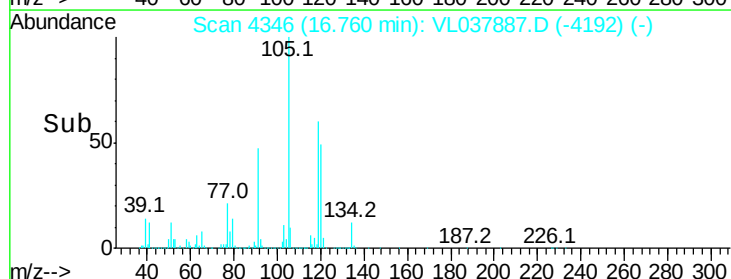
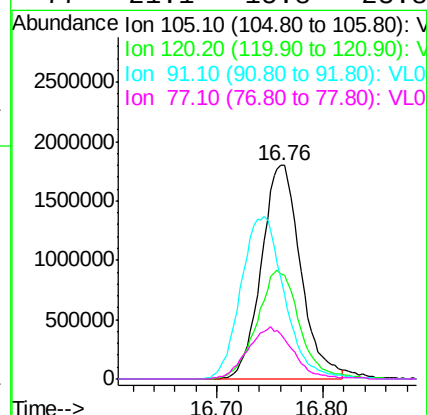
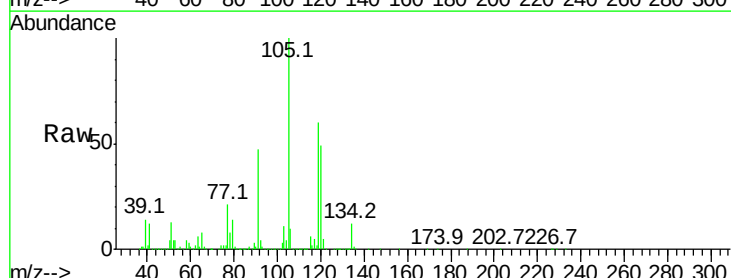
Ion Ratio Lower Upper

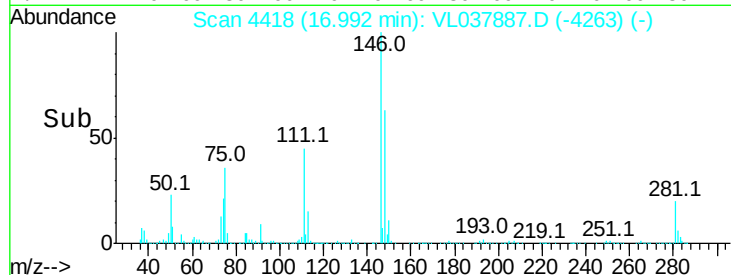
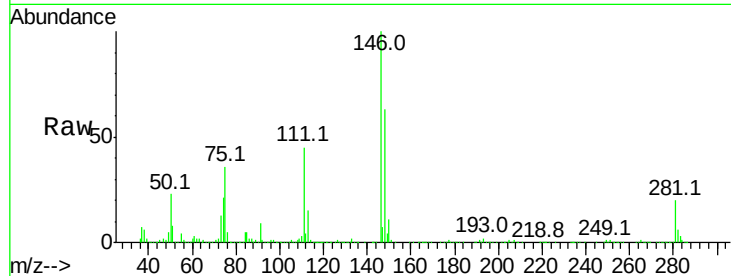
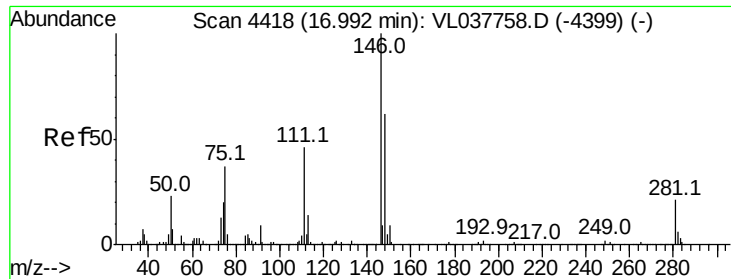
105 100

120 49.0 38.4 57.6

91 47.3 34.2 51.2

77 21.1 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 11.216 ppbv

RT: 16.99

Delta R.T. MSVOA_L

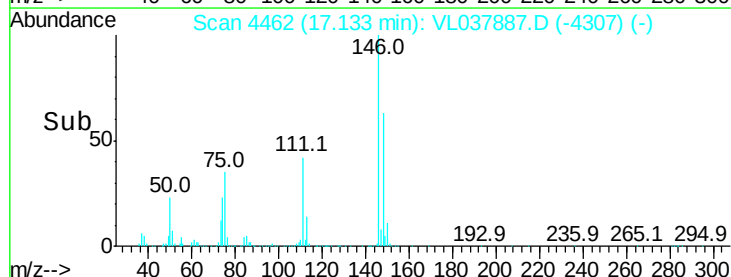
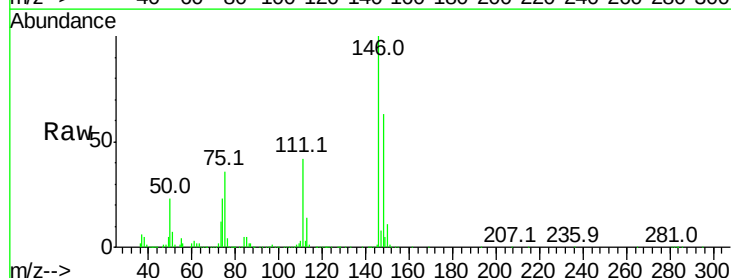
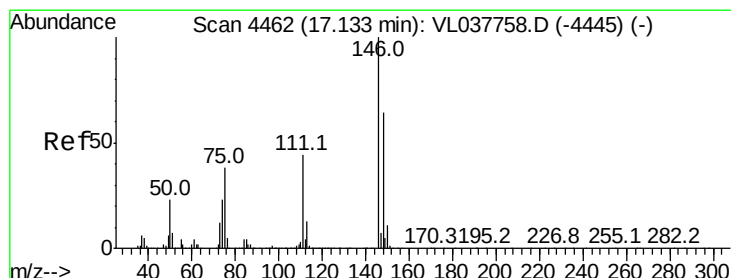
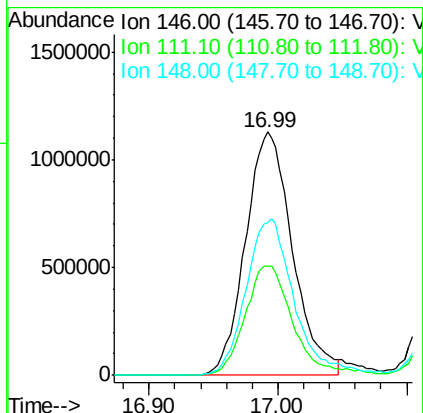
Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:41 VSTDCCC010EC

Tgt Ion:1
Ion Rati
146 100
111 46.
148 66.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#76

1,4-Dichlorobenzene

Concen: 11.853 ppbv

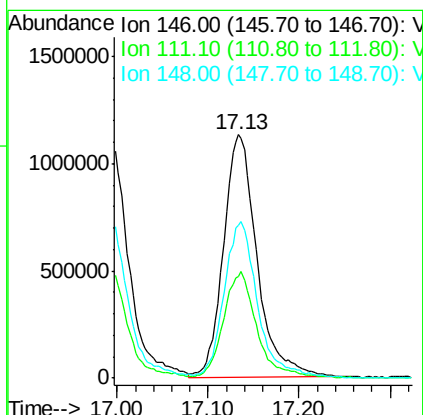
RT: 17.13 min Scan# 4462

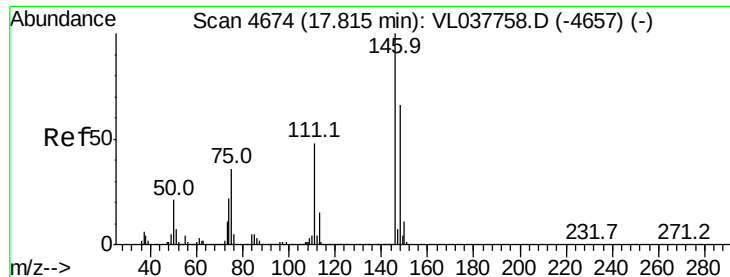
Delta R.T. -0.00 min

Lab File: VL037887.D

Acq: 20 Oct 2021 14:41

Tgt Ion:146 Resp: 2884498
Ion Ratio Lower Upper
146 100
111 43.8 22.4 67.3
148 64.6 33.3 99.9





#77

1,2-Dichlorobenzene

Concen: 11.583 ppbv

RT: 17.81 min

Delta R.T. MSVOA_L

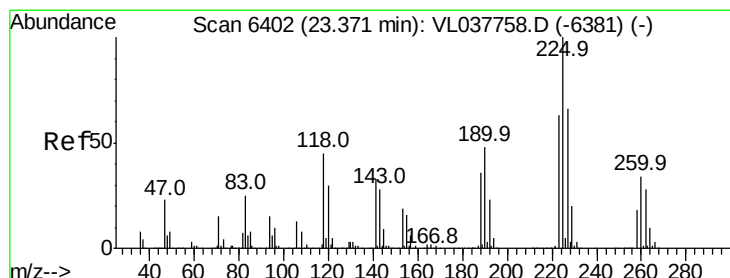
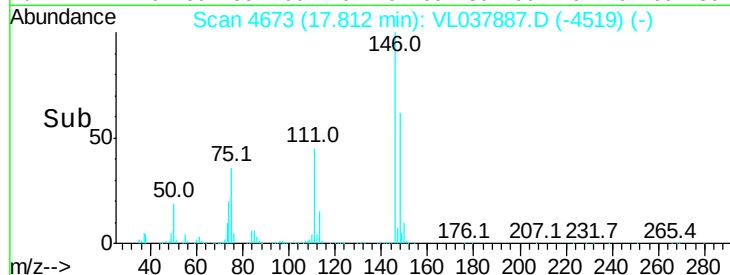
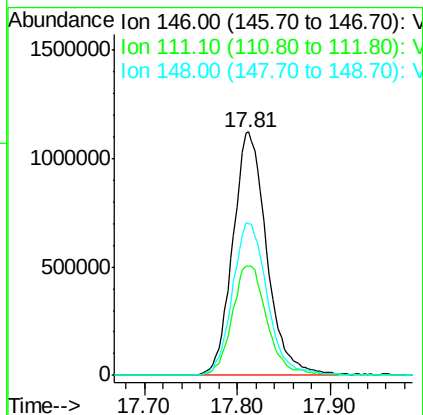
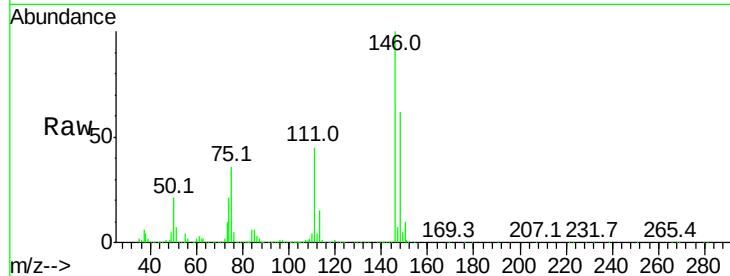
Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:41

Tgt Ion: 146
Ion Ratio: 100
111 46.4
148 64.4

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 10/25/2021
Supervised By : Mahesh Dadoda 10/25/2021



#78

Hexachloro-1,3-Butadiene

Concen: 10.384 ppbv

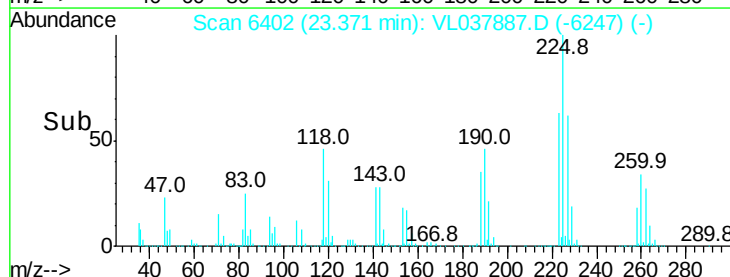
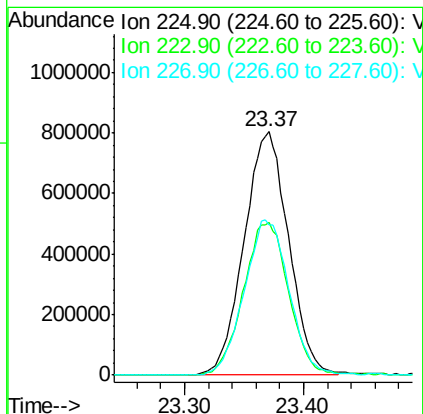
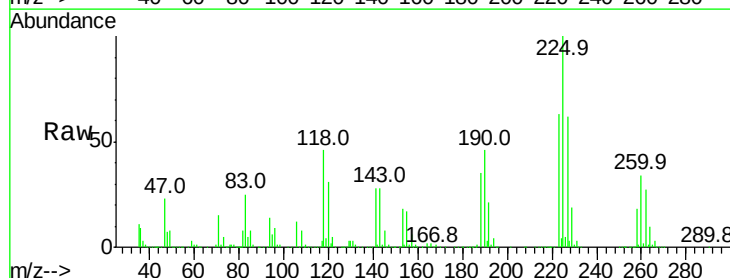
RT: 23.37 min Scan# 6402

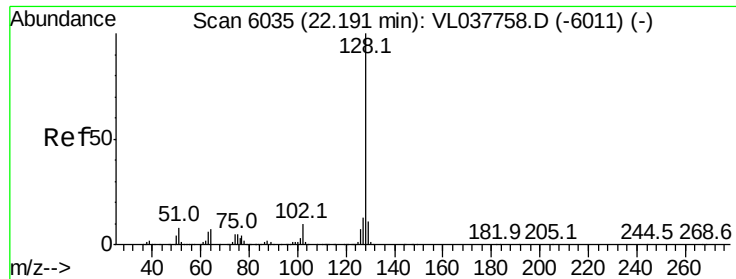
Delta R.T. -0.00 min

Lab File: VL037887.D

Acq: 20 Oct 2021 14:41

Tgt Ion: 225 Resp: 2077704
Ion Ratio Lower Upper
225 100
223 64.2 51.2 76.8
227 64.7 51.1 76.7



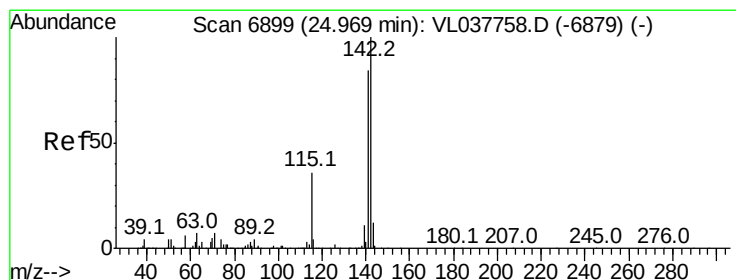
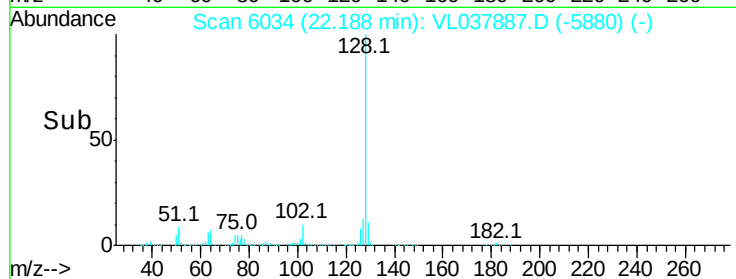
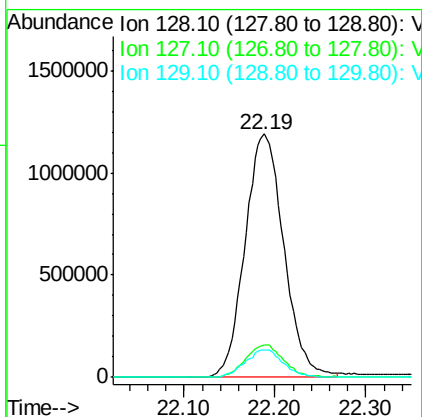
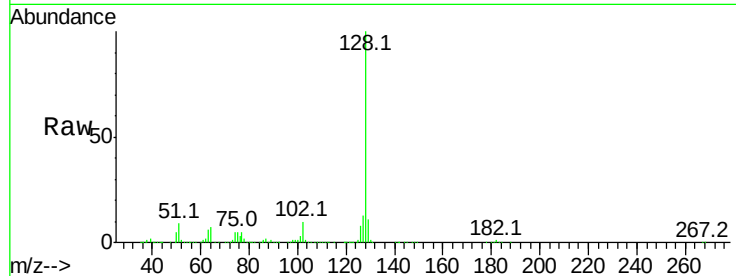


#79
Naphthalene
Concen: 13.975 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Oct 2021 14:41
VSTDCCC010EC

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

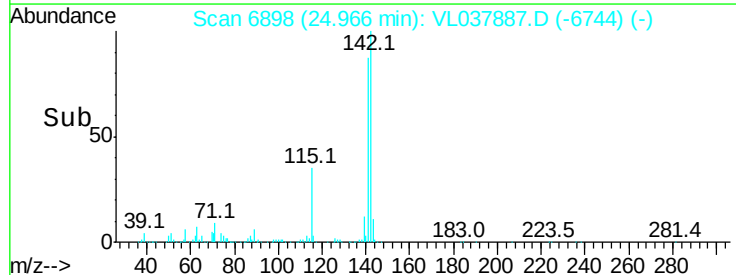
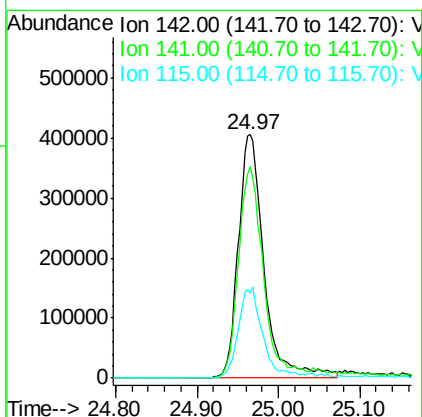
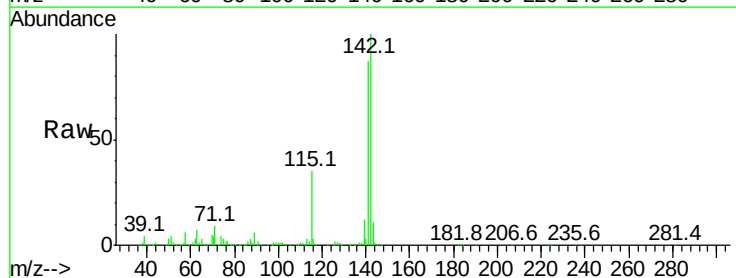
Manual Integrations
APPROVED

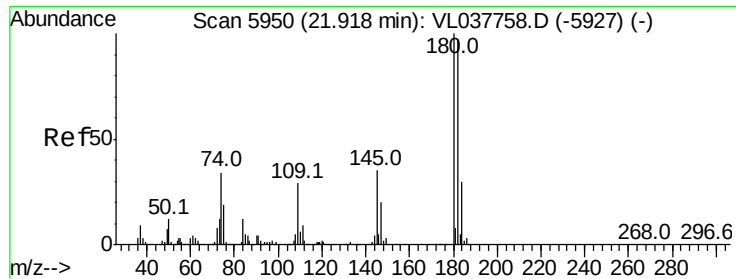
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#80
Naphthalene, 2-methyl-
Concen: 13.063 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. -0.00 min
Lab File: VL037887.D
Acq: 20 Oct 2021 14:41

Tgt Ion:142 Resp: 884528
Ion Ratio Lower Upper
142 100
141 83.4 68.6 102.8
115 35.2 29.0 43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 13.015 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 20 Oct 2021 14:41

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

