

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102021\
 Data File : VL037878.D
 Acq On : 20 Oct 2021 8:31
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 01:38:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1257344	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3710491	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3317409m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2363148	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	1470248	7.321	ppbv	98
3) Chlorodifluoromethane	2.99	51	2533670	10.487	ppbv	100
4) Chloromethane	3.14	50	954292	10.784	ppbv	96
5) Vinyl Chloride	3.26	62	910767	11.228	ppbv	98
6) Bromomethane	3.47	94	468849	10.685	ppbv	99
7) Chloroethane	3.56	64	318132	10.667	ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	2063575	10.396	ppbv	98
9) Propene	3.01	41	896883	10.089	ppbv	97
10) Heptane	8.12	43	2356260	11.671	ppbv	99
11) Trichlorofluoromethane	3.95	101	1895388	10.578	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1485615	10.943	ppbv	99
13) Ethanol	3.60	45	81082m	11.153	ppbv	
14) Bromoethene	3.74	108	618619	10.363	ppbv	97
15) Acetone	3.85	43	1071774	9.495	ppbv	100
16) 1,3-Butadiene	3.33	39	874620	10.650	ppbv	98
17) tert-Butyl alcohol	4.29	59	1250836	10.760	ppbv	99
18) 1,1-Dichloroethene	4.29	96	652083	10.569	ppbv	94
19) Isopropyl Alcohol	3.96	45	682494	9.719	ppbv #	94
20) Methylene Chloride	4.34	84	569426	9.985	ppbv	97
21) Allyl Chloride	4.41	41	1036329	10.364	ppbv	96
22) trans-1,2-Dichloroethene	4.88	96	677418	10.921	ppbv	96
23) Vinyl Acetate	5.07	43	1756789	10.386	ppbv	99
24) 1,1-Dichloroethane	5.01	63	1393243	11.315	ppbv	99
25) Ethyl Acetate	5.67	43	3529220	11.143	ppbv	99
26) Hexane	5.68	57	1672711	10.725	ppbv	98
27) Carbon Disulfide	4.55	76	1691144	12.235	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1354318	10.430	ppbv	99
29) Chloroform	5.75	83	2392819	10.733	ppbv	99
30) Cyclohexane	7.13	84	1426831	10.789	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1542065	10.891	ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	2255928	10.674	ppbv	100
34) 2-Butanone	5.24	43	1211728	8.089	ppbv	98
35) Carbon Tetrachloride	7.01	117	2377313	11.281	ppbv	98
36) Benzene	6.89	78	3526855	11.128	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1648212	11.045	ppbv	100
38) Trichloroethene	7.83	130	1398082	11.166	ppbv	97
39) 1,2-Dichloropropane	7.61	63	1339636	11.238	ppbv	95
40) 1,4-Dioxane	7.83	88	243755m	8.171	ppbv	
41) Tetrahydrofuran	6.05	42	822131	11.208	ppbv	98
42) Bromodichloromethane	7.79	83	2539834	11.587	ppbv	99
43) Methyl Methacrylate	8.01	69	1245445	12.031	ppbv	99

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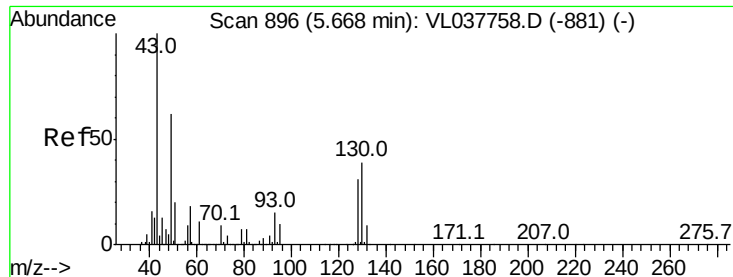
Manual Integrations
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5901163	11.083	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	936461	13.148	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	1268074	12.845	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	1424059	10.989	ppbv	98
48) Dibromochloromethane	10.30	129	2214099	11.985	ppbv	100
49) Bromoform	13.04	173	1756586	12.427	ppbv	97
50) 4-Methyl-2-Pentanone	8.74	43	2324217	11.919	ppbv	100
51) 2-Hexanone	10.13	43	1042181	11.972	ppbv #	99
52) Tetrachloroethene	11.22	164	1277521	10.361	ppbv	98
53) Toluene	9.80	91	4069629	11.587	ppbv	99
54) 1,2-Dibromoethane	10.60	107	1938892	11.076	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.12	131	1554097	11.316	ppbv	96
57) Chlorobenzene	12.14	112	2999764	11.023	ppbv	99
58) Ethyl Benzene	12.71	91	5075574	11.394	ppbv	99
59) m/p-Xylene	12.99	91	8634616m	22.581	ppbv	
60) o-Xylene	13.69	91	4005749	10.931	ppbv	99
61) Styrene	13.52	104	2221569	12.533	ppbv	98
62) Isopropylbenzene	14.66	105	5725402	11.201	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	2849114	10.075	ppbv	96
64) n-propylbenzene	15.55	120	1441741	11.311	ppbv	94
65) tert-Butylbenzene	16.73	119	4847498	10.777	ppbv	99
66) Benzyl Chloride	16.99	91	234453	10.562	ppbv #	97
67) sec-Butylbenzene	17.29	105	6695062	10.883	ppbv	99
69) p-Isopropyltoluene	17.64	119	5490611	11.040	ppbv	100
70) n-Butylbenzene	18.54	91	5303998	11.226	ppbv	99
71) 2-Chlorotoluene	15.45	91	3914709	10.846	ppbv	98
72) 4-Ethyltoluene	15.83	105	4898717	11.773	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	4378725	11.585	ppbv	96
74) 1,2,4-Trimethylbenzene	16.76	105	4427668	11.156	ppbv	96
75) 1,3-Dichlorobenzene	16.99	146	2685020	10.919	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2589555	11.039	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2532890	10.723	ppbv	98
78) Hexachloro-1,3-Butadiene	23.37	225	1813702	9.404	ppbv	99
79) Naphthalene	22.18	128	2896940	11.918	ppbv	98
80) Naphthalene, 2-methyl-	24.96	142	640920	9.820	ppbv	99
81) 1,2,4-Trichlorobenzene	21.92	180	1761656m	11.332	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 20 Oct 2021 8:31

Tot Ion:

Ion Ratio

49 100

128 55.

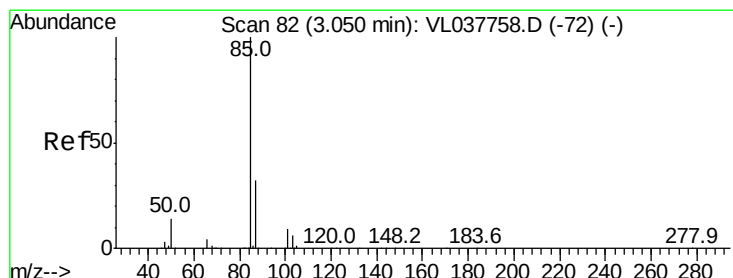
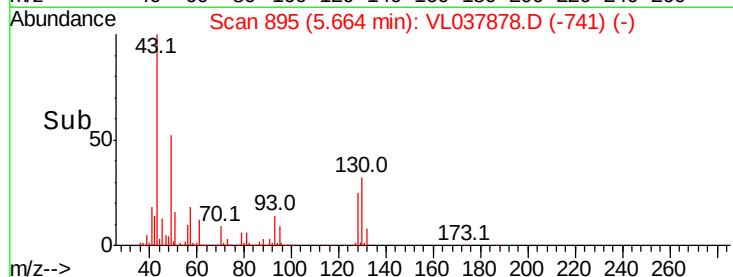
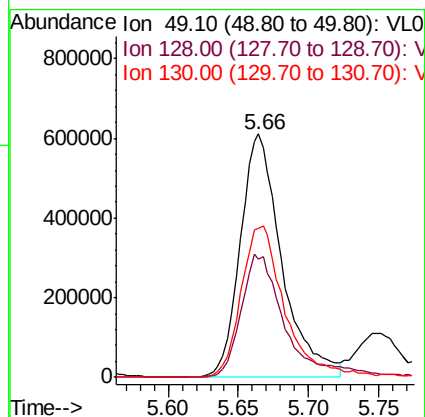
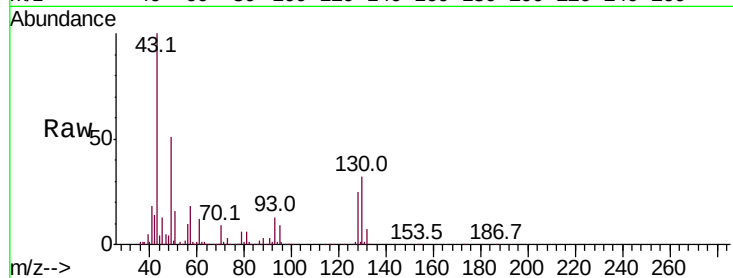
130 66.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 10/25/2021



#2

Dichlorodifluoromethane

Concen: 7.321 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL037878.D

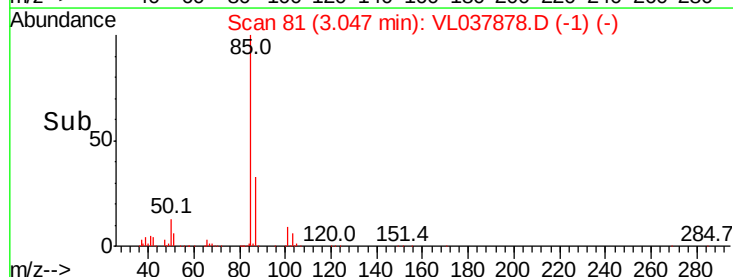
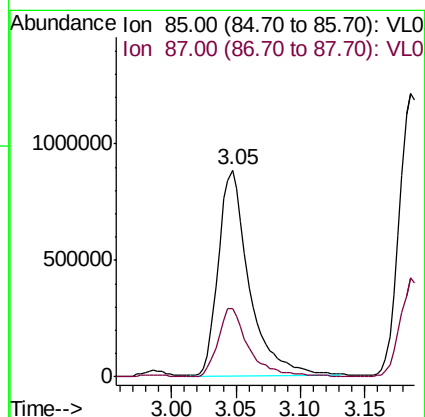
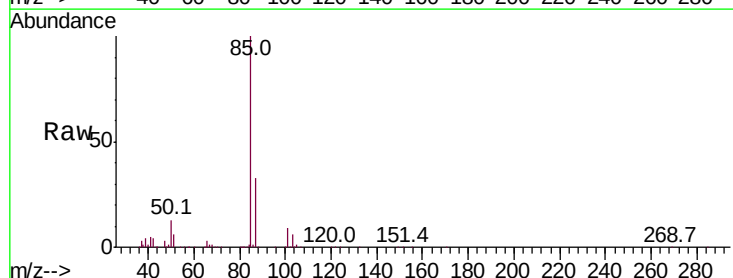
Acq: 20 Oct 2021 8:31

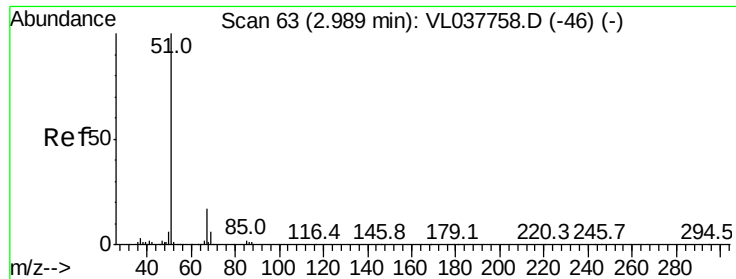
Tgt Ion: 85 Resp: 1470248

Ion Ratio Lower Upper

85 100

87 33.1 25.7 38.5





#3

Chlorodifluoromethane

Concen: 10.487 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31 VSTDCCC010

Tot Ion:

Ion Ratio

51 100

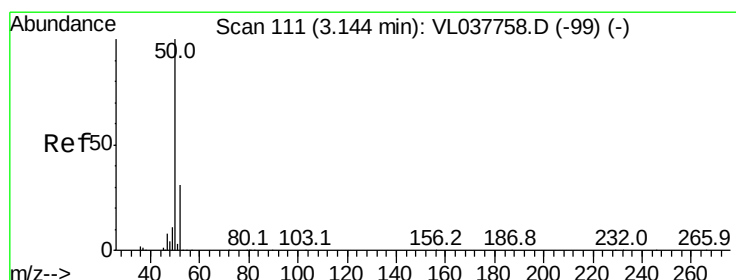
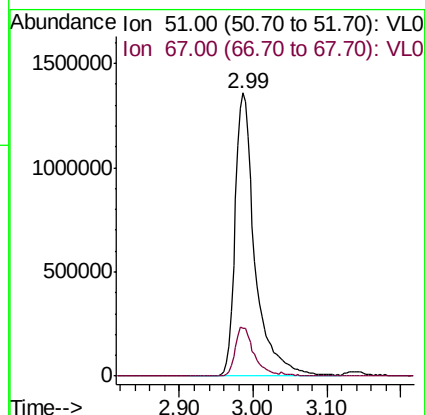
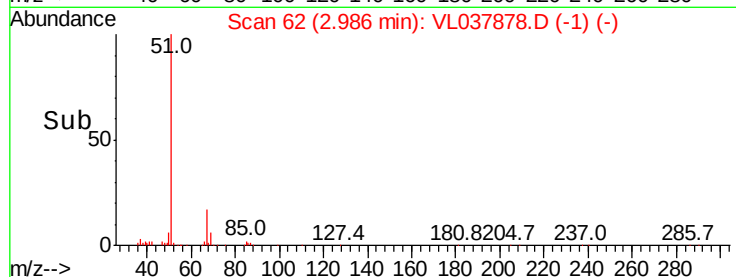
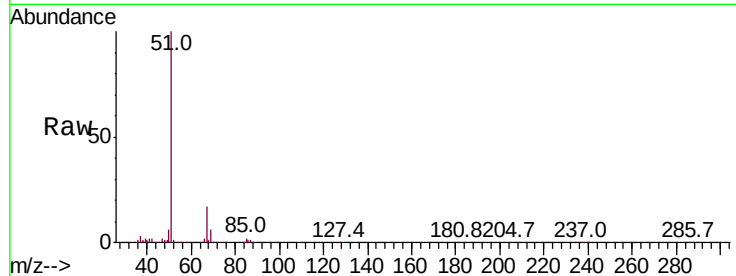
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#4

Chloromethane

Concen: 10.784 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL037878.D

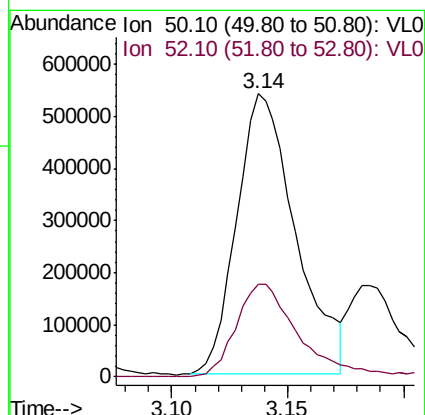
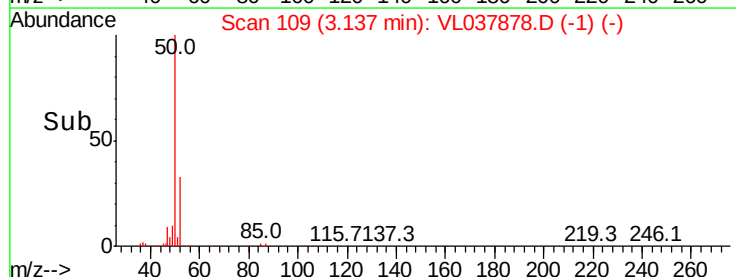
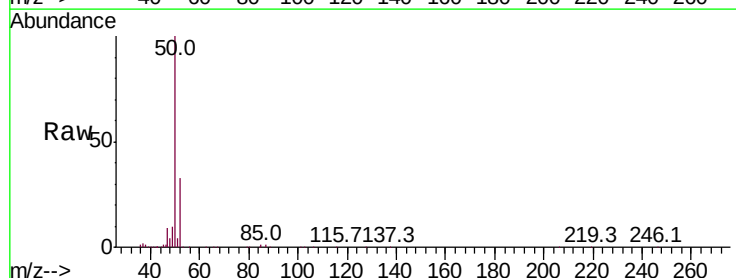
Acq: 20 Oct 2021 8:31

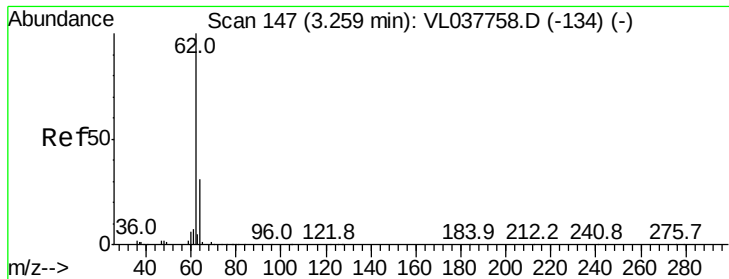
Tgt Ion: 50 Resp: 954292

Ion Ratio Lower Upper

50 100

52 32.8 24.4 36.6





#5

Vinyl Chloride

Concen: 11.228 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 20 Oct 2021 8:31

Tot Ion:

Ion Ratio

62 100

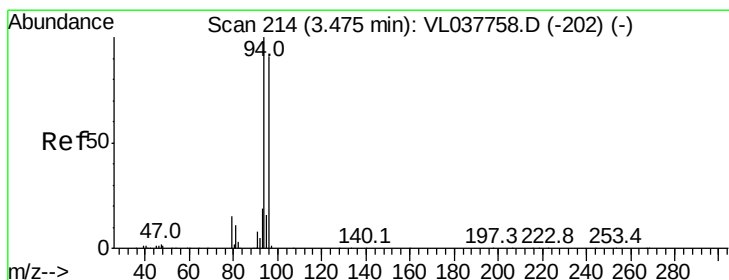
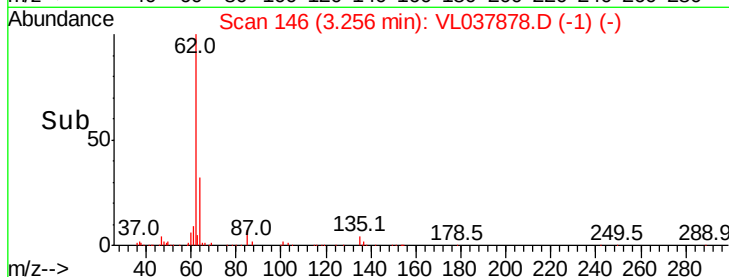
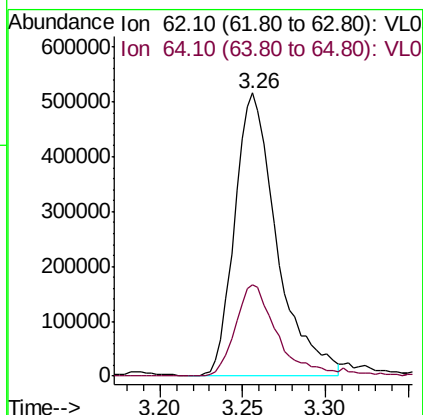
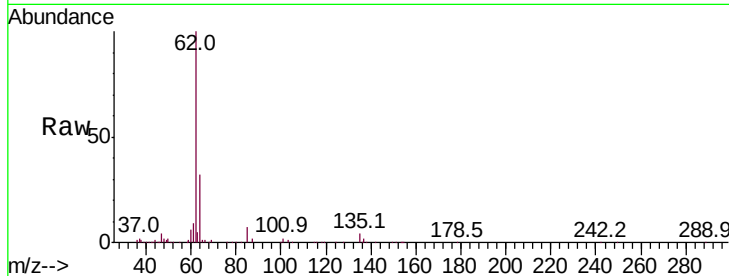
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#6

Bromomethane

Concen: 10.685 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL037878.D

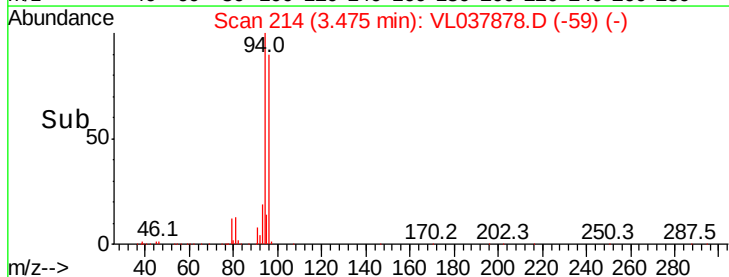
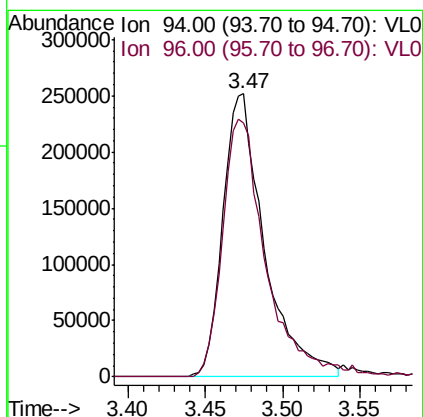
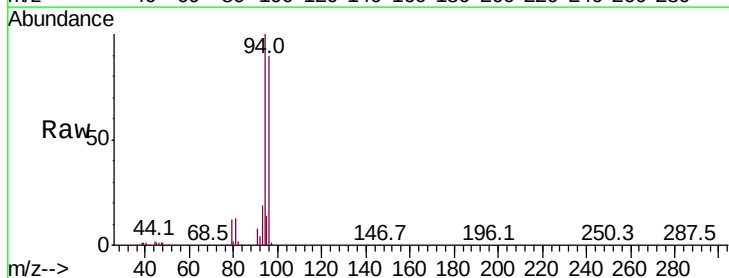
Acq: 20 Oct 2021 8:31

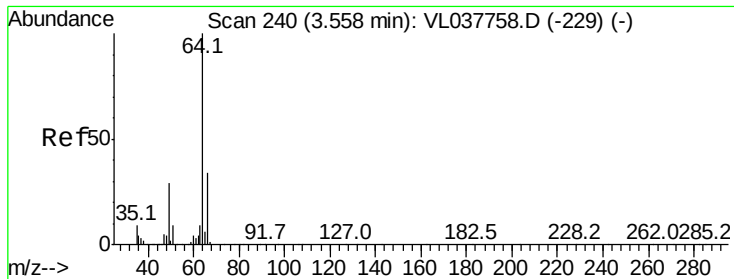
Tgt Ion: 94 Resp: 468849

Ion Ratio Lower Upper

94 100

96 89.6 72.5 108.7





#7

Chloroethane

Concen: 10.667 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31 VSTDCCC010

Tot Ion:

Ion Ratio

64 100

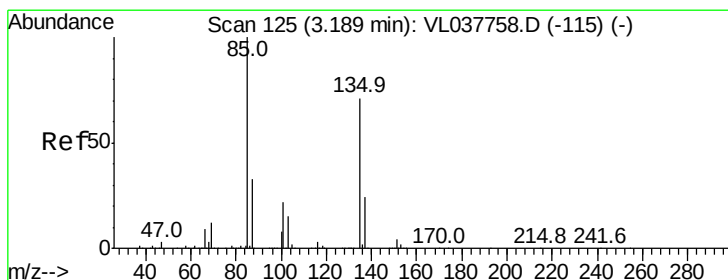
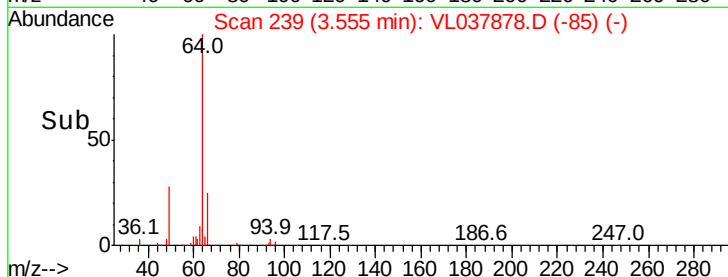
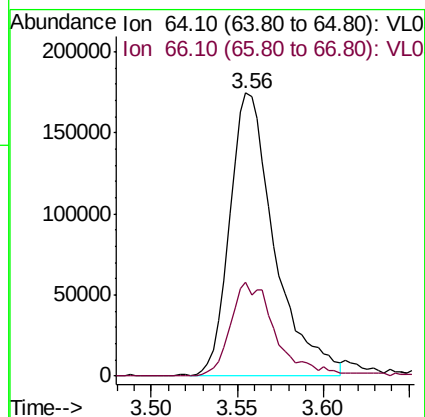
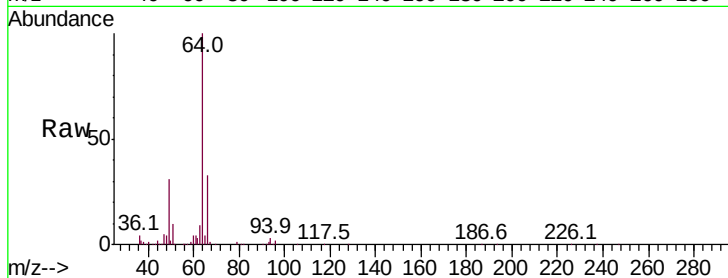
66 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#8

Dichlorotetrafluoroethane

Concen: 10.396 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.00 min

Lab File: VL037878.D

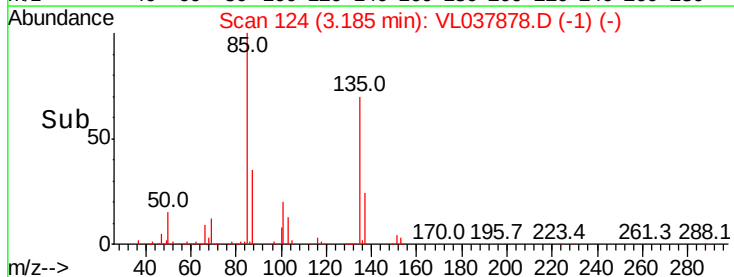
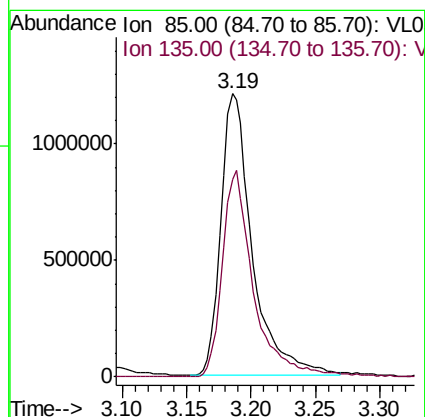
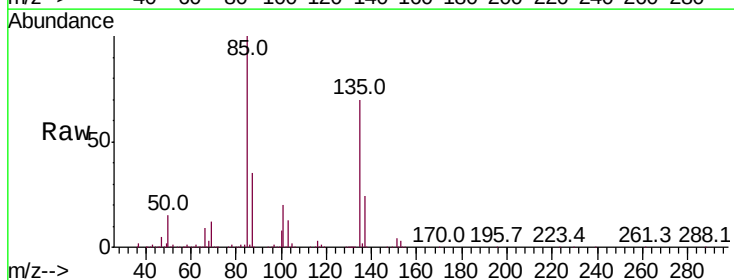
Acq: 20 Oct 2021 8:31

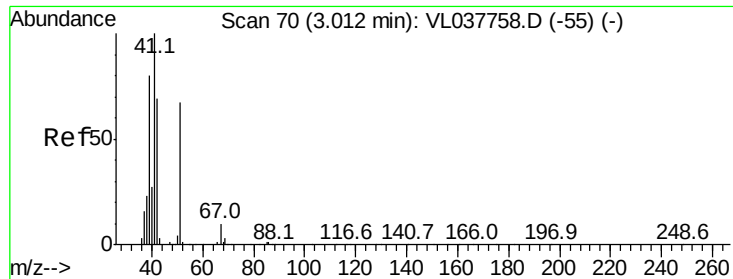
Tgt Ion: 85 Resp: 2063575

Ion Ratio Lower Upper

85 100

135 73.0 59.5 89.3





#9

Propene

Concen: 10.089 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31

Tot Ion:

Ion Ratio

41 100

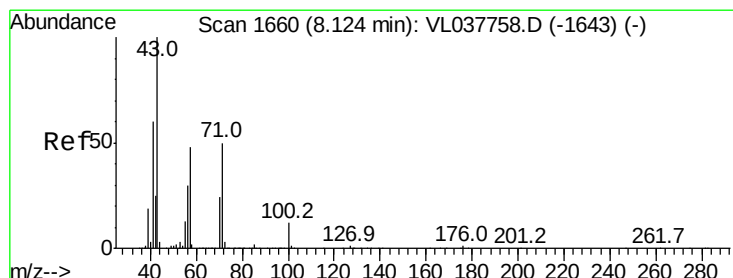
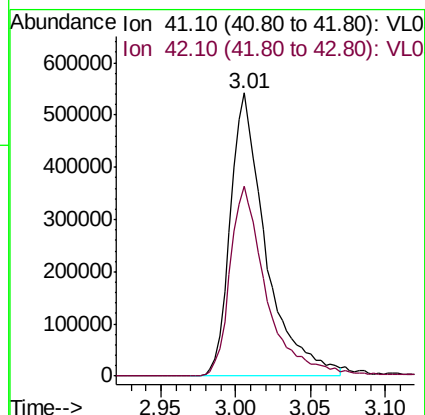
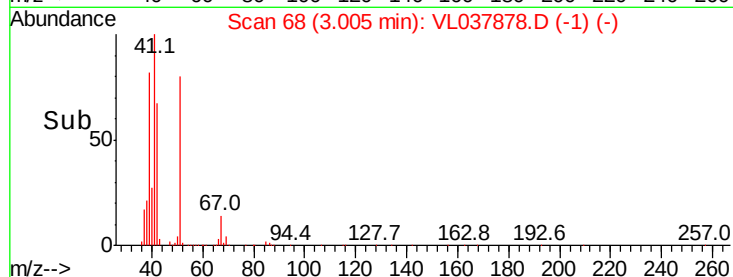
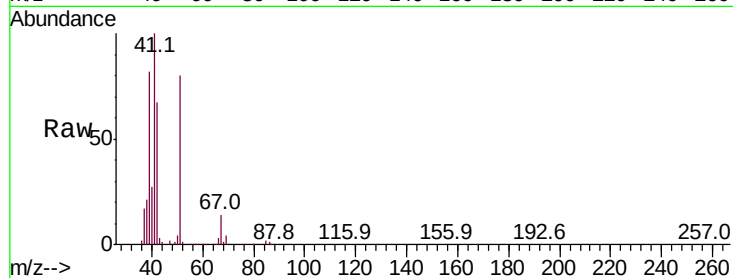
42 69.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#10

Heptane

Concen: 11.671 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL037878.D

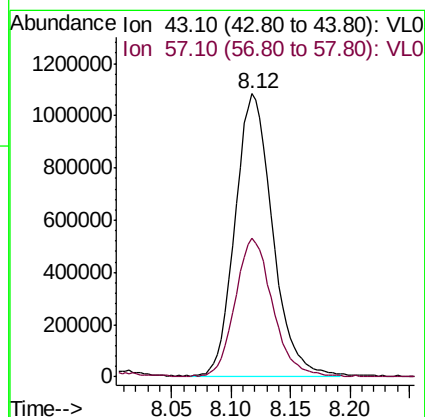
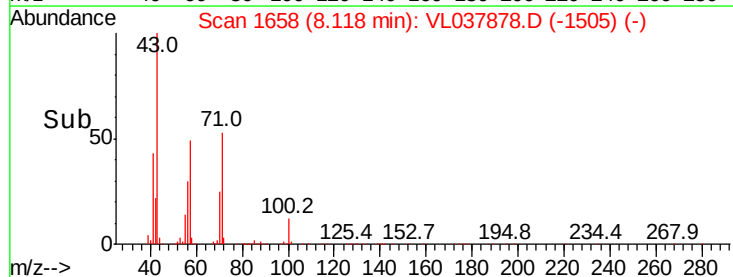
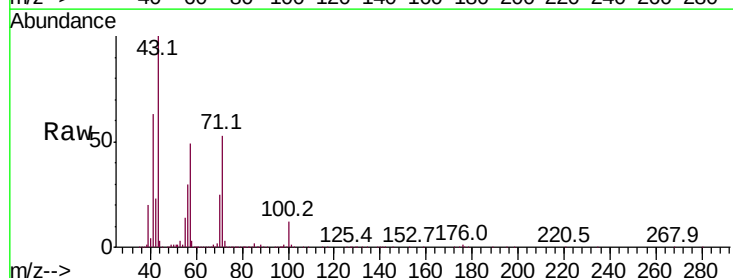
Acq: 20 Oct 2021 8:31

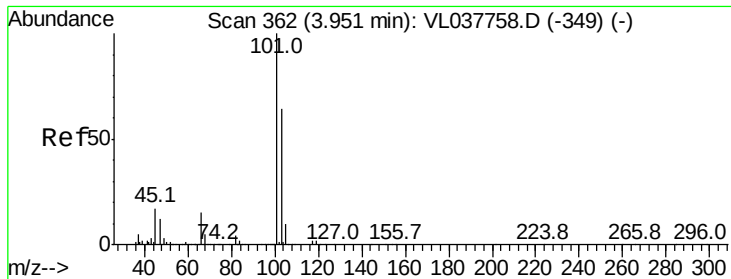
Tgt Ion: 43 Resp: 2356260

Ion Ratio Lower Upper

43 100

57 49.1 40.0 60.0



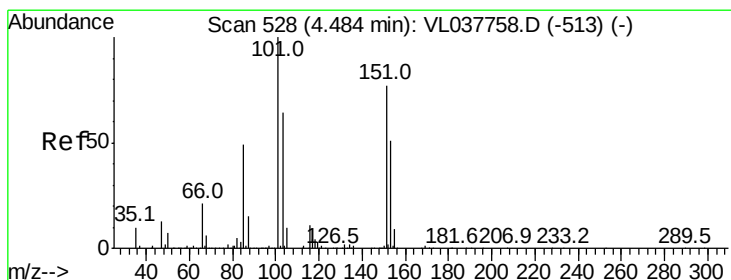
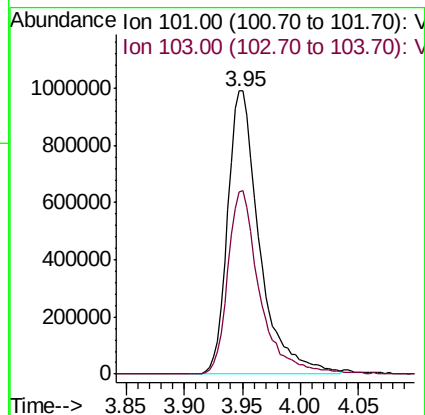
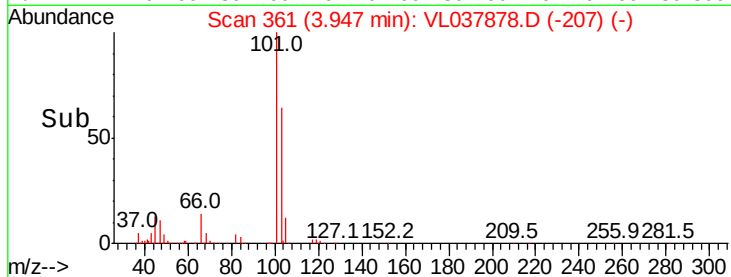
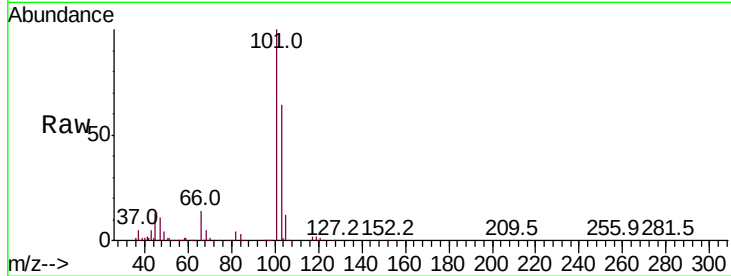


#11
 Trichlorofluoromethane
 Concen: 10.578 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

Tot Ion:1
 Ion Ratio
 101 100
 103 64.

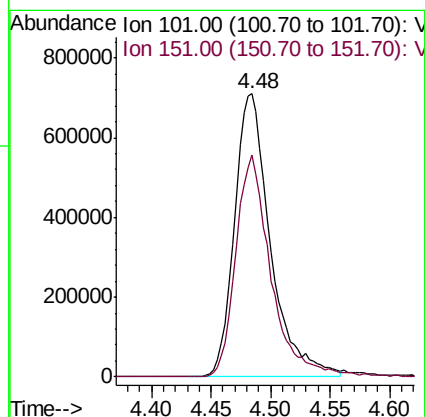
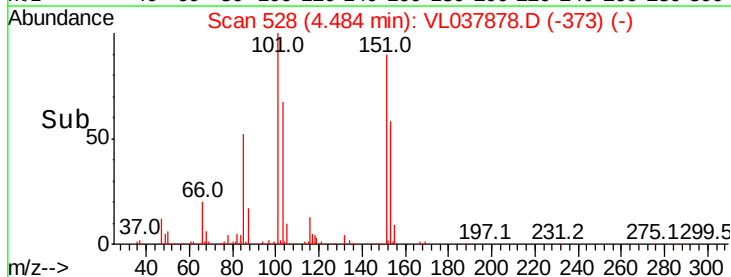
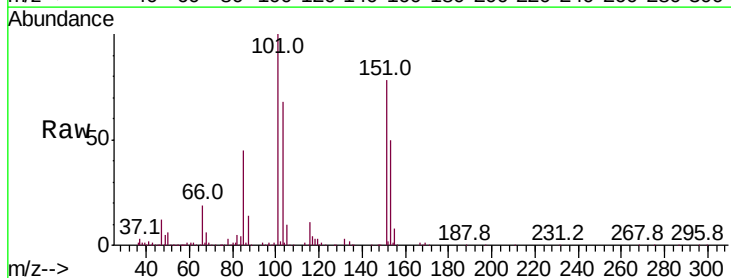
Manual Integrations
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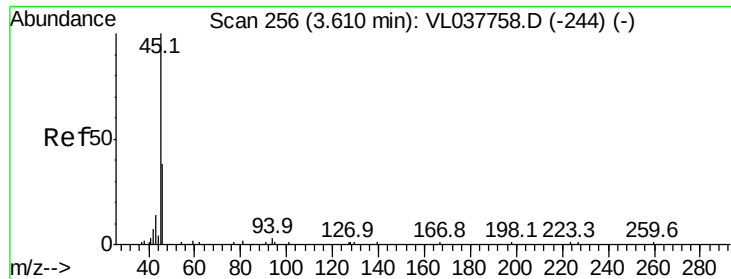
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.943 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion:101 Resp: 1485615
 Ion Ratio Lower Upper
 101 100
 151 77.3 62.9 94.3





#13

Ethanol

Concen: 11.153 ppbv m

RT: 3.60 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31 VSTDCCC010

Tot Ion:

Ion Ratio

45 100

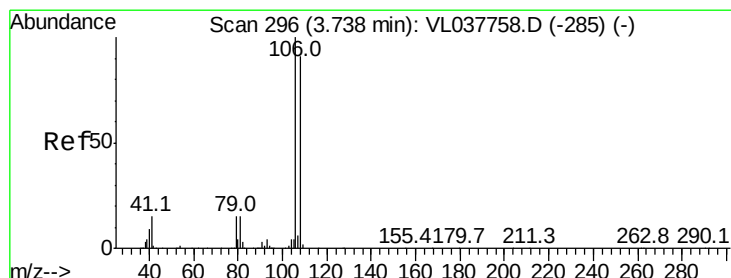
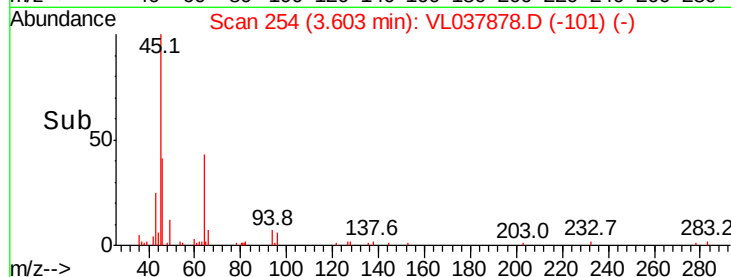
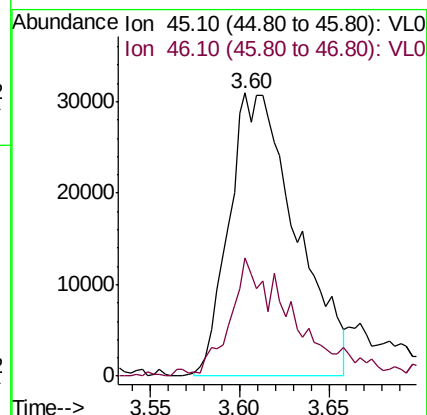
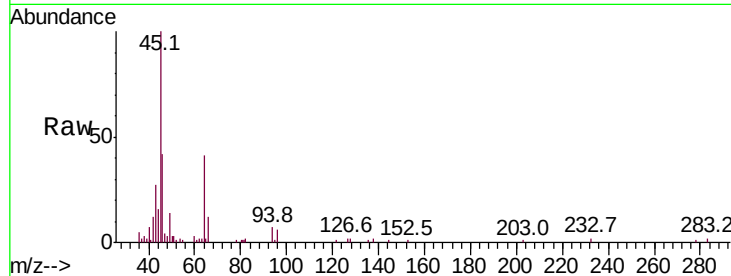
46 40.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#14

Bromoethene

Concen: 10.363 ppbv

RT: 3.74 min Scan# 297

Delta R.T. 0.00 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

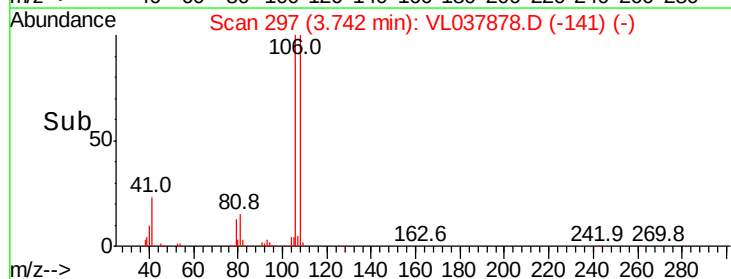
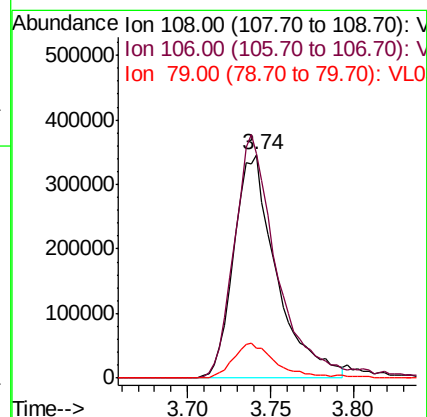
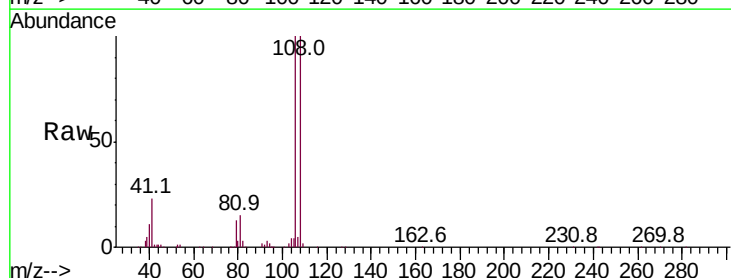
Tgt Ion:108 Resp: 618619

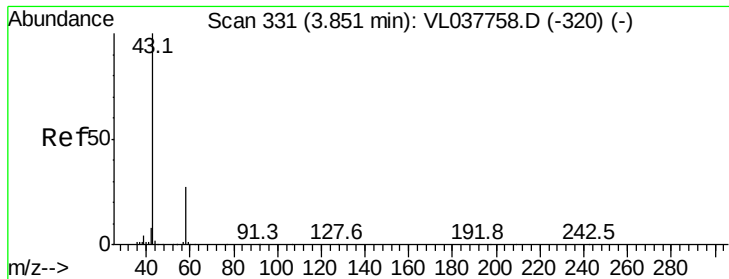
Ion Ratio Lower Upper

108 100

106 111.9 91.9 137.9

79 16.7 13.9 20.9





#15

Acetone

Concen: 9.495 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31

Tot Ion:

Ion Ratio

43 100

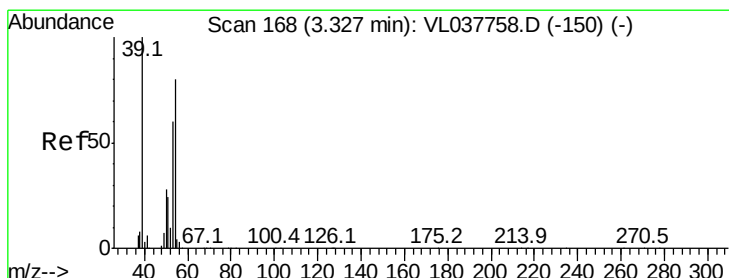
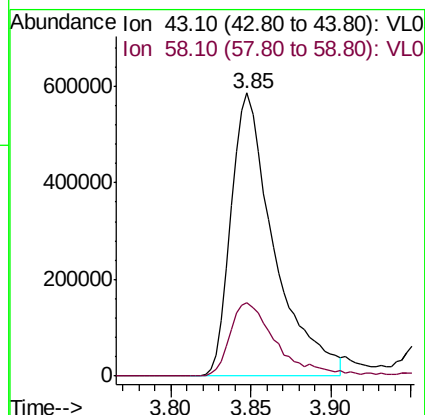
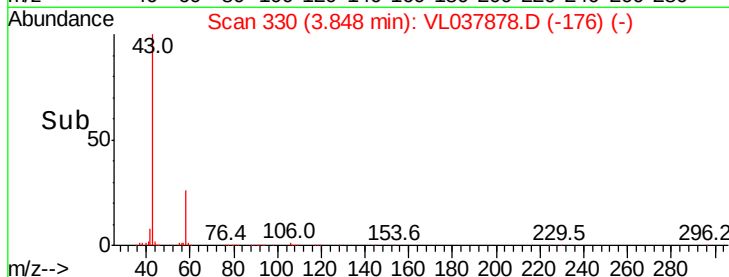
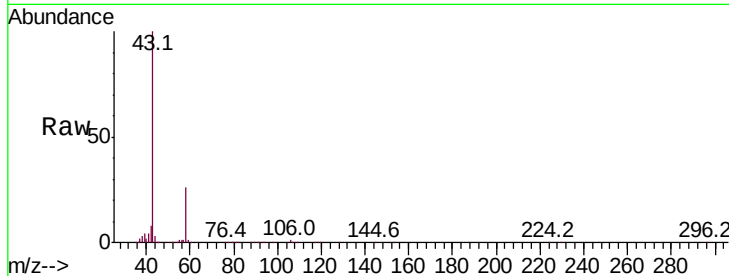
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#16

1,3-Butadiene

Concen: 10.650 ppbv

RT: 3.33 min Scan# 168

Delta R.T. -0.00 min

Lab File: VL037878.D

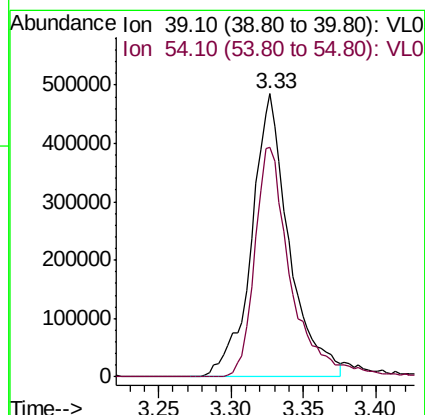
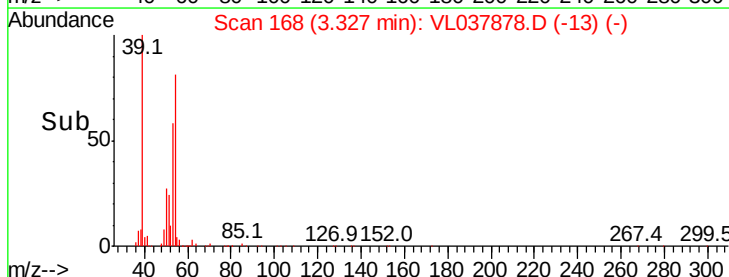
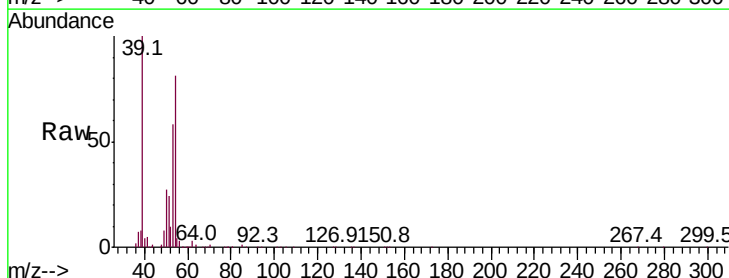
Acq: 20 Oct 2021 8:31

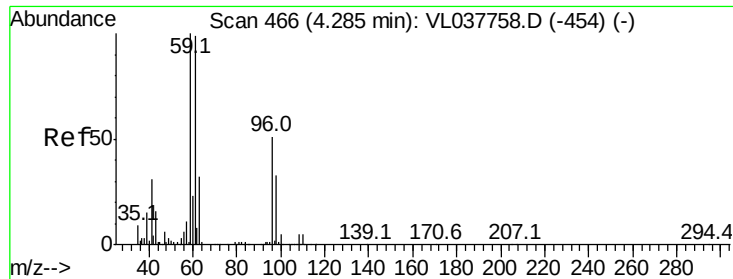
Tgt Ion: 39 Resp: 874620

Ion Ratio Lower Upper

39 100

54 79.0 61.7 92.5





#17

tert-Butyl alcohol

Concen: 10.760 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 20 Oct 2021 8:31 VSTDCCC010

Tot Ion:

Ion Ratio

59 100

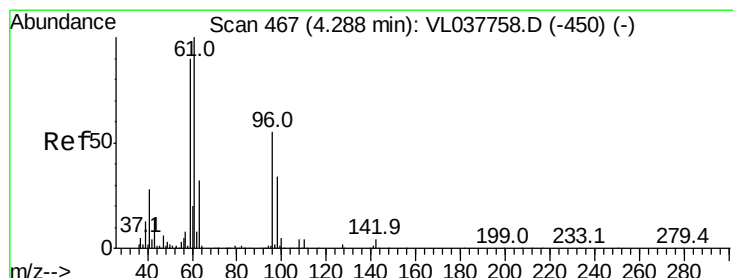
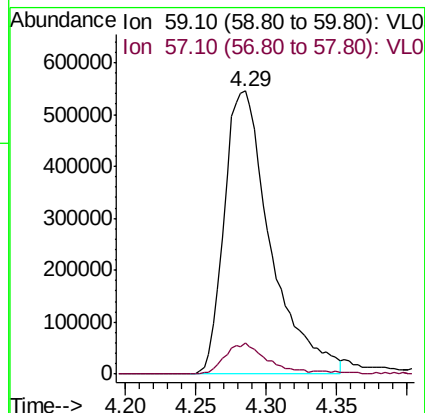
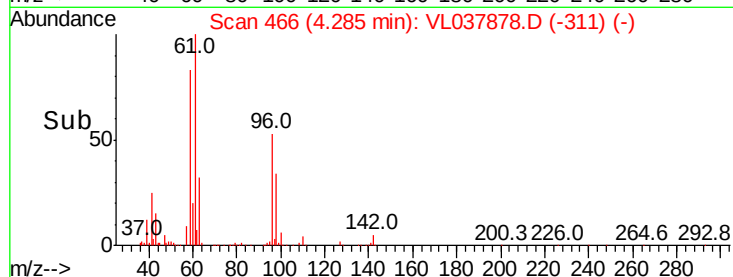
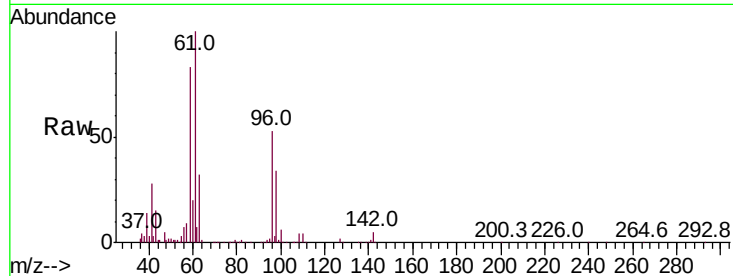
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#18

1,1-Dichloroethene

Concen: 10.569 ppbv

RT: 4.29 min Scan# 467

Delta R.T. -0.00 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

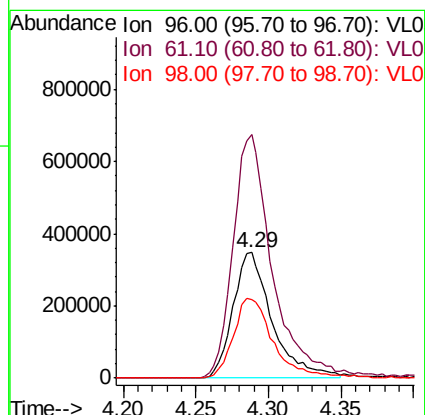
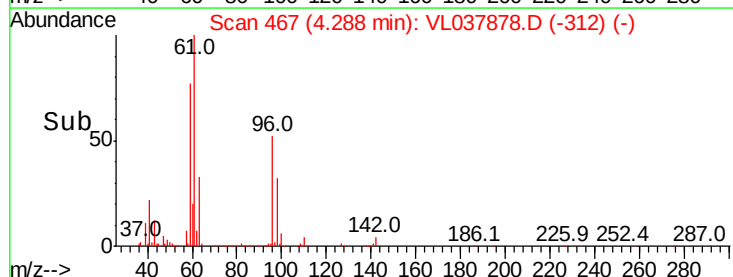
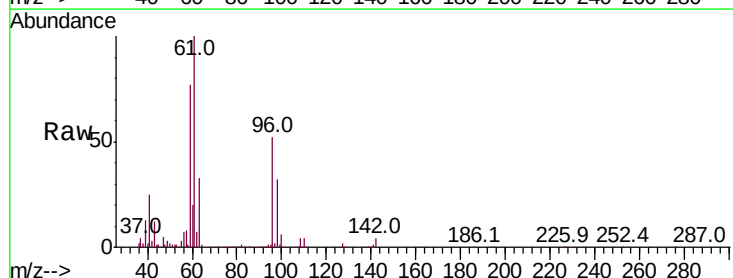
Tgt Ion: 96 Resp: 652083

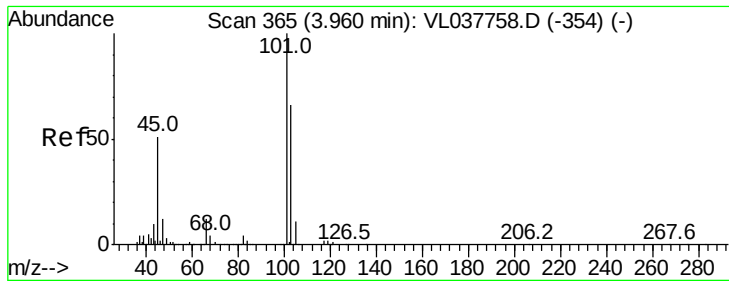
Ion Ratio Lower Upper

96 100

61 193.7 146.2 219.4

98 62.0 50.0 75.0



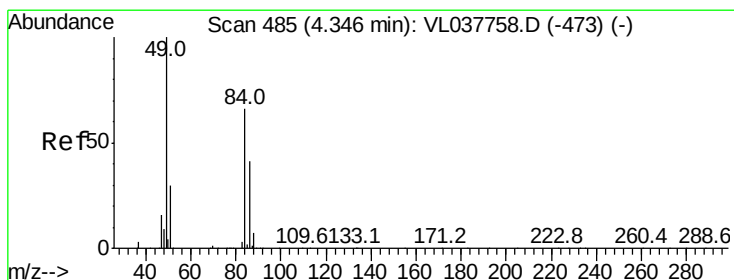
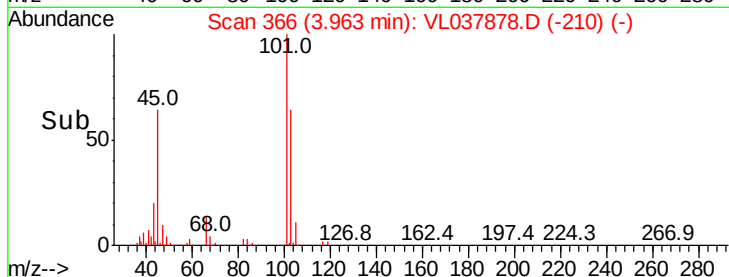
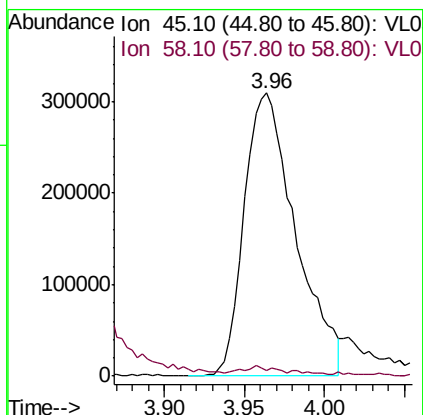
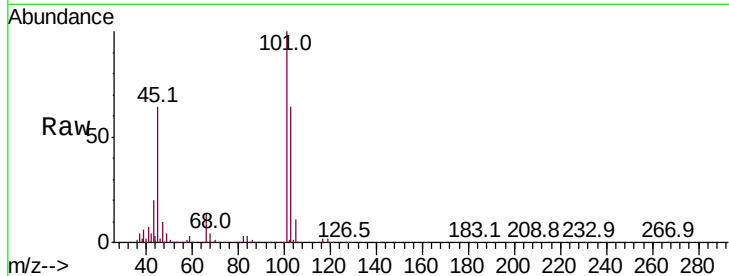


#19
Isopropyl Alcohol
Concen: 9.719 ppbv
RT: 3.96
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Oct 2021 8:31

Tot Ion:
Ion Ratio
45 100
58 3.

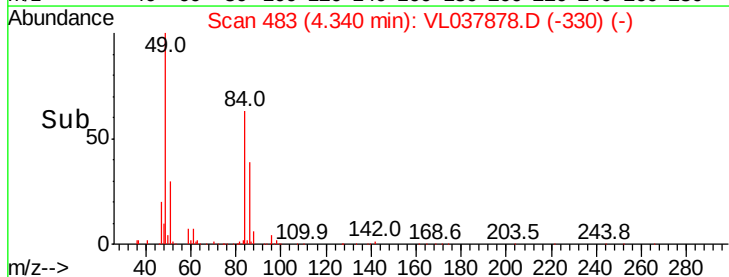
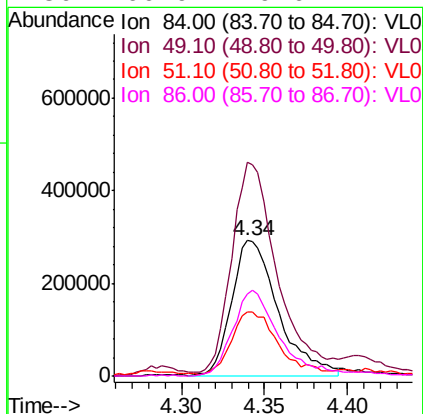
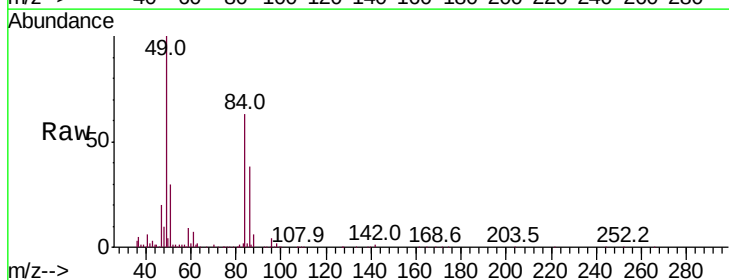
Manual Integrations
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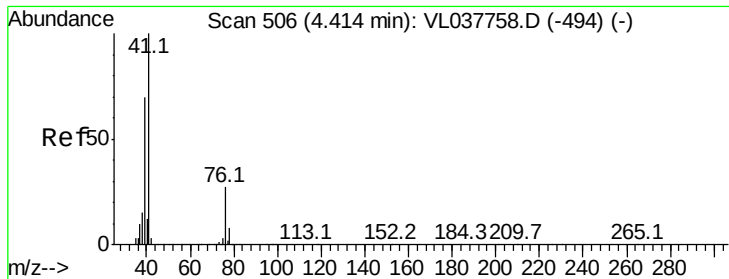
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#20
Methylene Chloride
Concen: 9.985 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion: 84 Resp: 569426
Ion Ratio Lower Upper
84 100
49 155.9 120.7 181.1
51 45.2 36.2 54.4
86 60.9 49.6 74.4



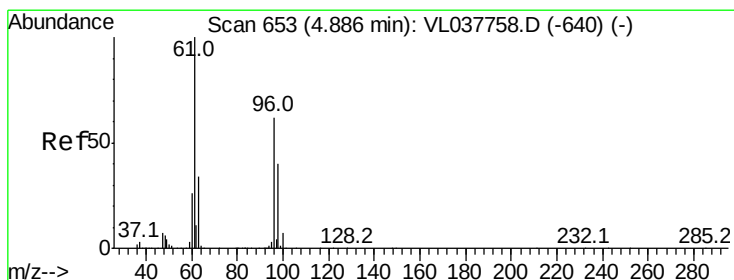
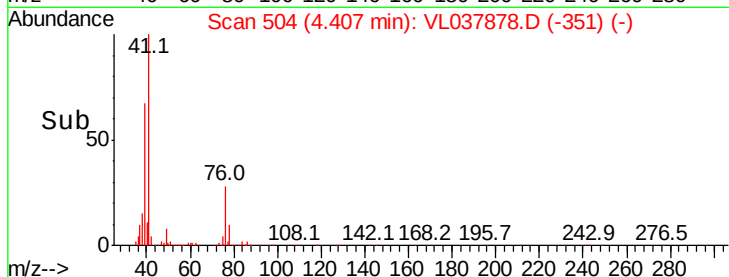
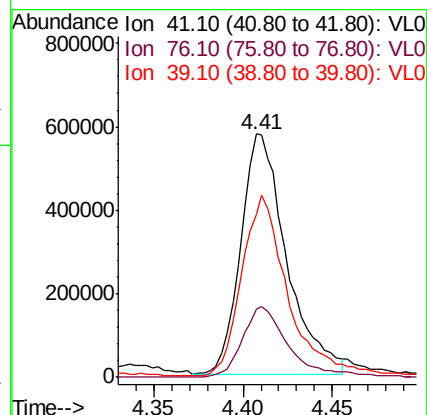
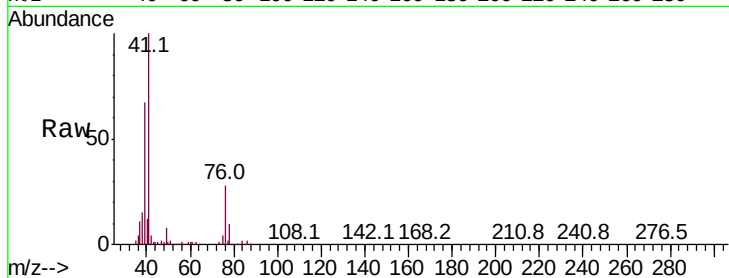


#21
 Allvl Chloride
 Concen: 10.364 ppbv
 RT: 4.41
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

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

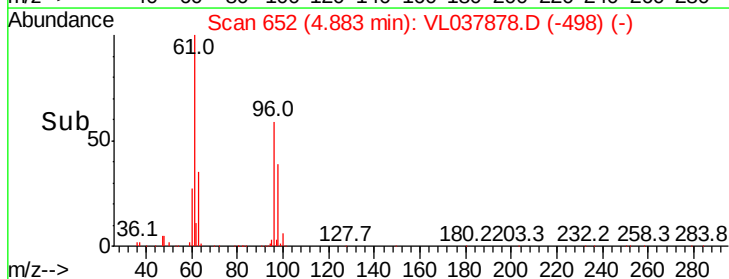
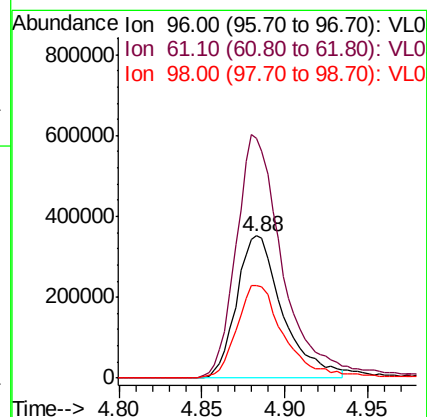
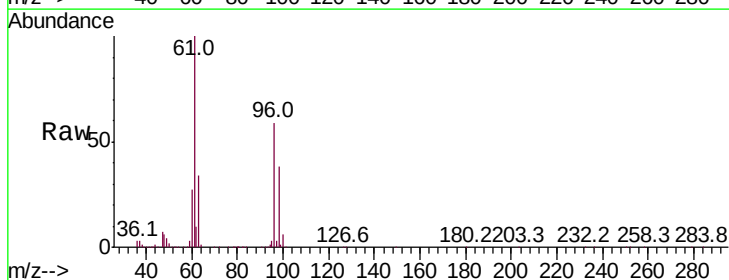
Manual Integrations
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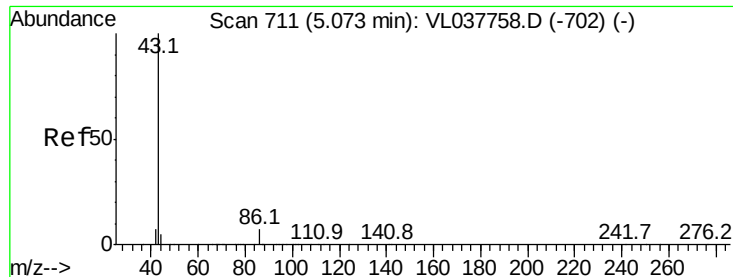
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#22
 trans-1,2-Dichloroethene
 Concen: 10.921 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 96 Resp: 677418
 Ion Ratio Lower Upper
 96 100
 61 168.1 129.0 193.6
 98 64.7 51.7 77.5



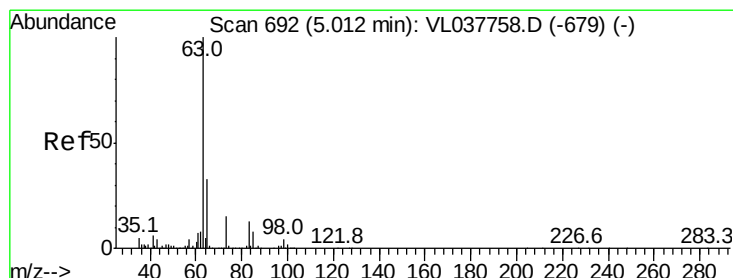
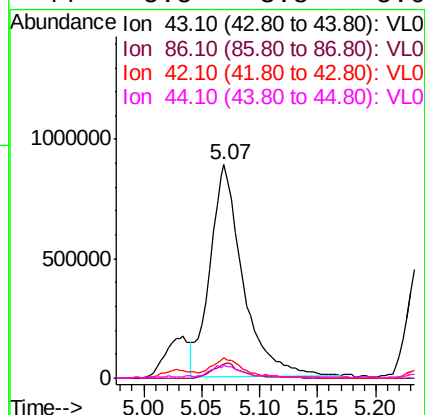
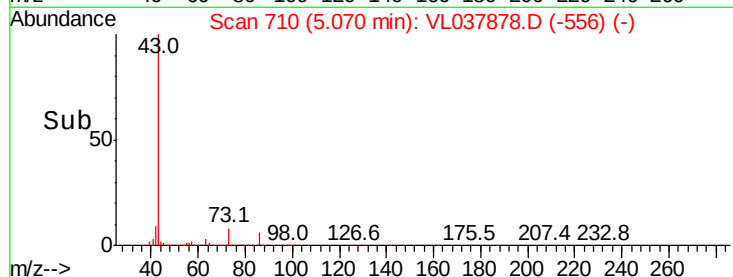
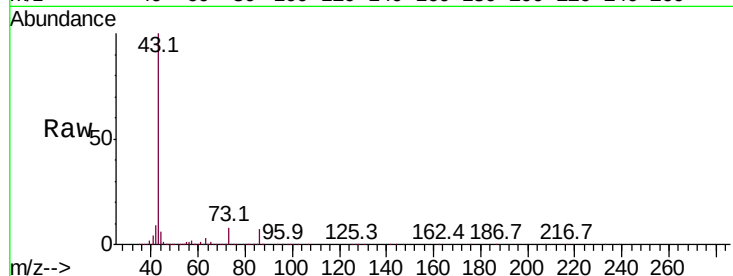


#23
 Vinyl Acetate
 Concen: 10.386 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Oct 2021 8:31

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 9.
 44 5.5 3.8 5.6

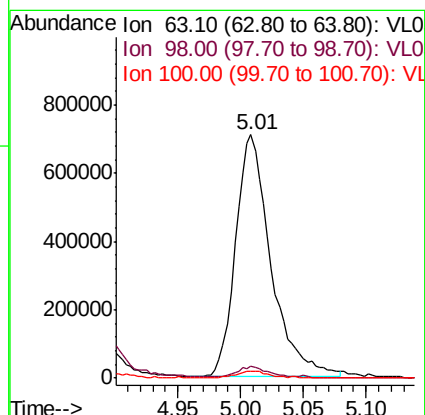
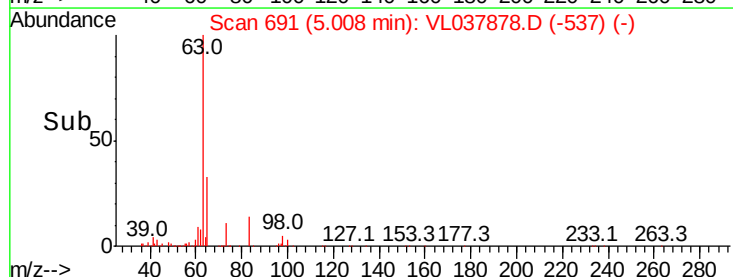
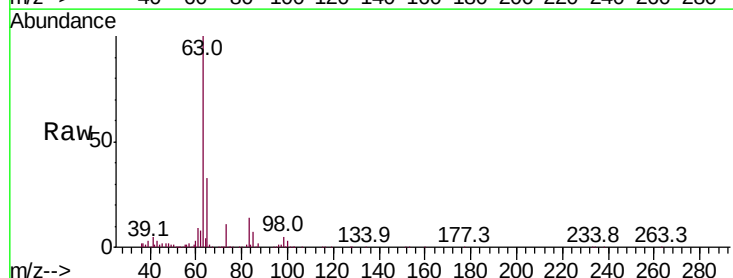
Manual Integrations APPROVED

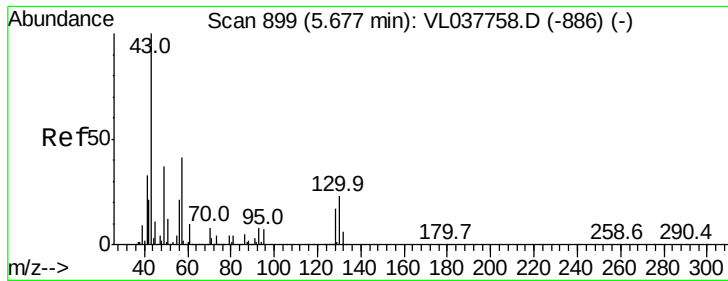
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#24
 1,1-Dichloroethane
 Concen: 11.315 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 63 Resp: 1393243
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.3 6.9
 100 2.6 1.1 3.1





#25

Ethyl Acetate

Concen: 11.143 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 8:31

Tot Ion:

Ion Ratio

43 100

45 10.

61 10.

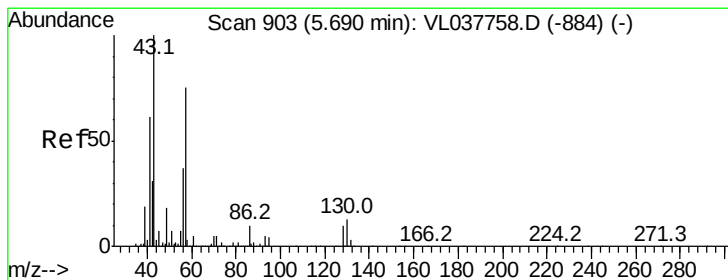
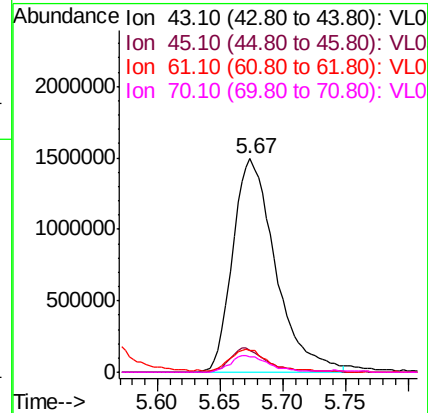
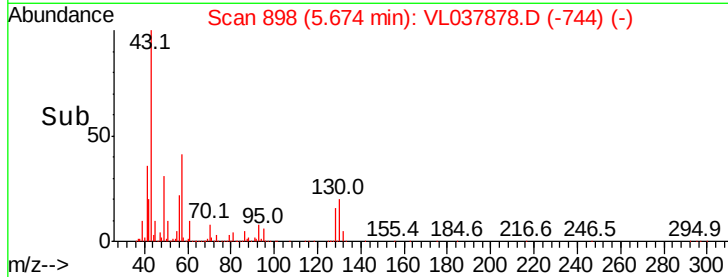
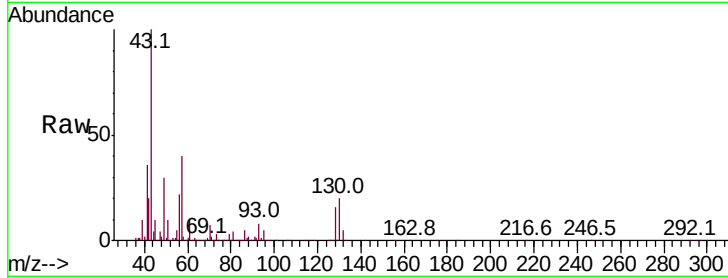
70 7.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#26

Hexane

Concen: 10.725 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

Tgt Ion: 57 Resp: 1672711

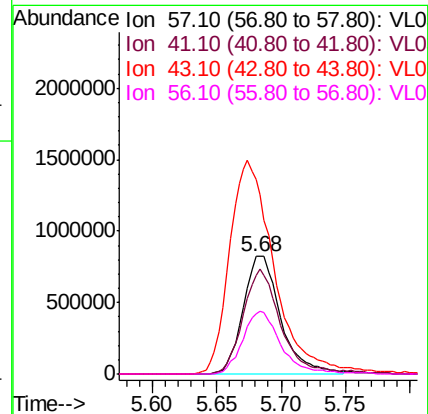
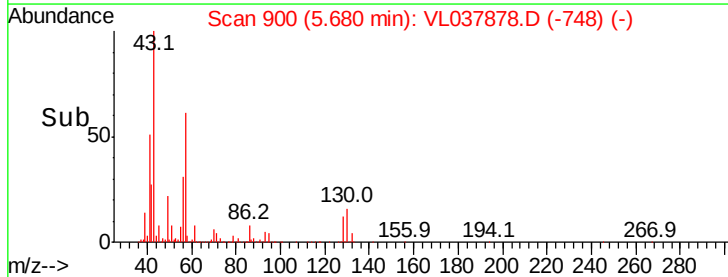
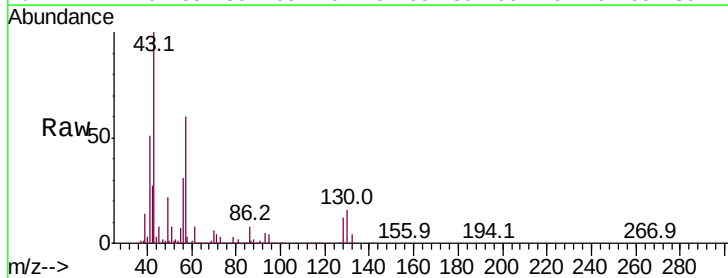
Ion Ratio Lower Upper

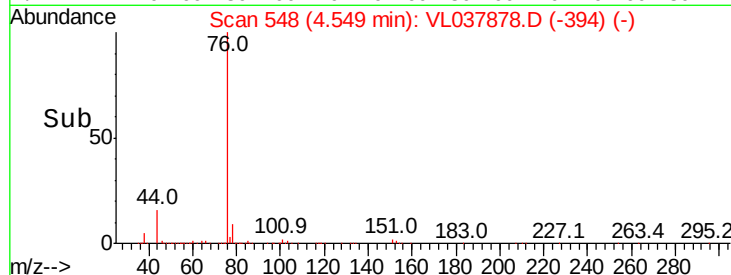
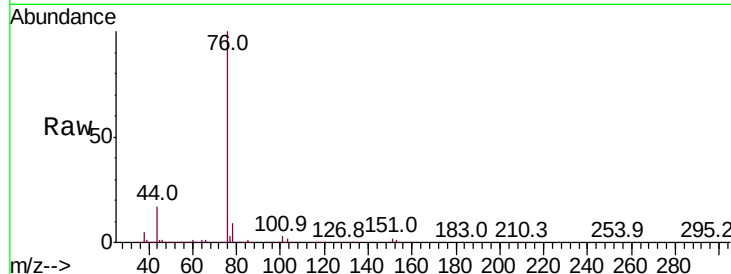
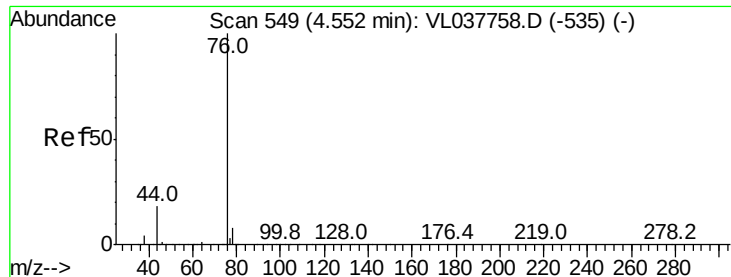
57 100

41 90.6 69.6 104.4

43 215.6 171.4 257.0

56 54.7 42.0 63.0





#27

Carbon Disulfide

Concen: 12.235 ppbv

RT: 4.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31

Tot Ion:

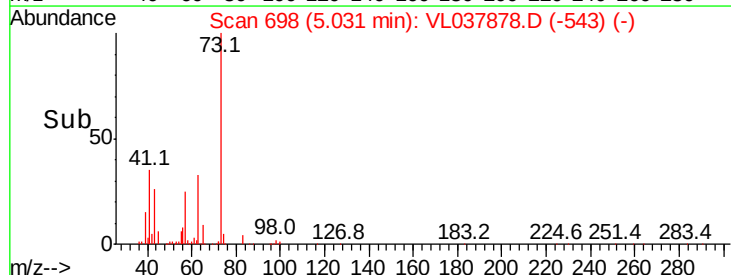
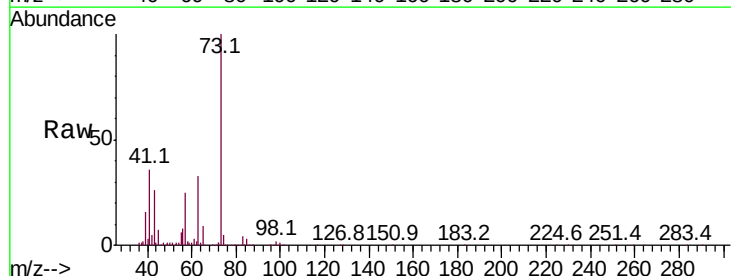
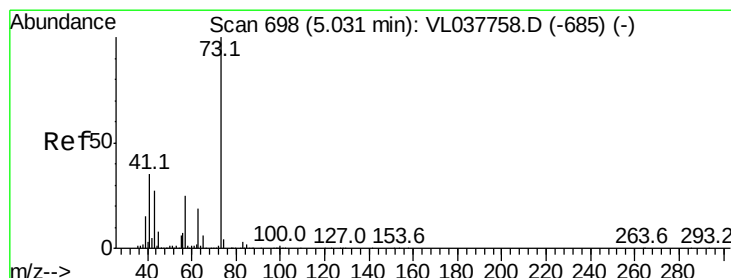
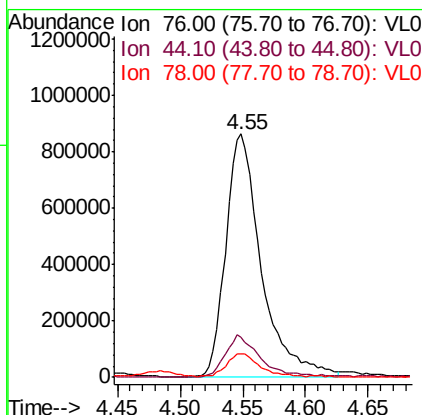
Ion	Ratio
76	100
44	16.
78	9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#28

Methyl tert-Butyl Ether

Concen: 10.430 ppbv

RT: 5.03 min Scan# 698

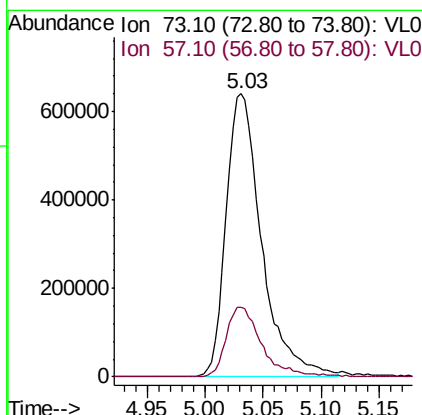
Delta R.T. -0.00 min

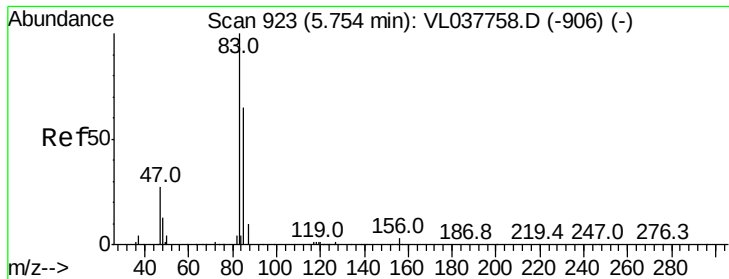
Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

Tgt Ion: 73 Resp: 1354318

Ion	Ratio	Lower	Upper
73	100		
57	25.2	20.4	30.6



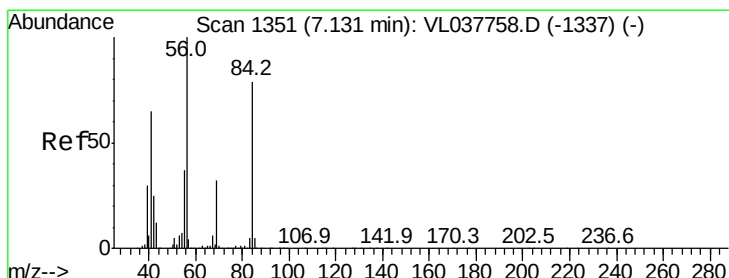
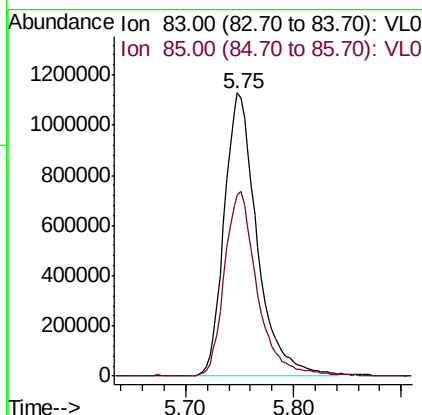
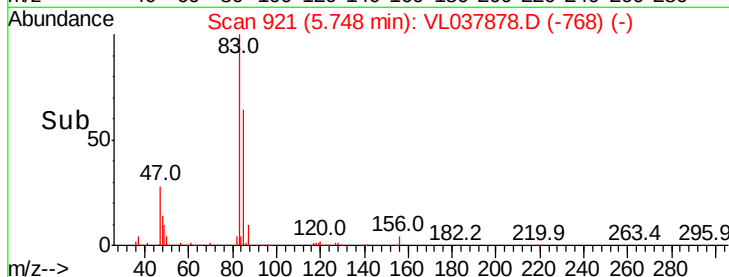
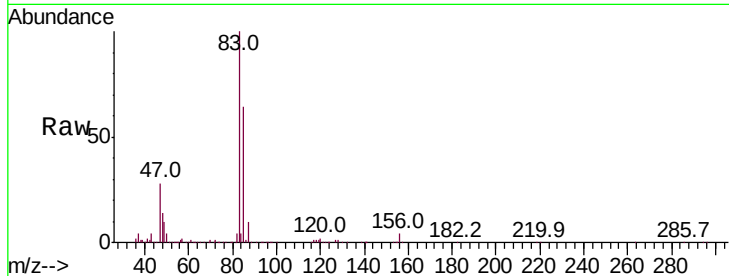


#29
Chloroform
Concen: 10.733 ppbv
RT: 5.75
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Oct 2021 8:31

Tot Ion:
Ion Ratio
83 100
85 63.

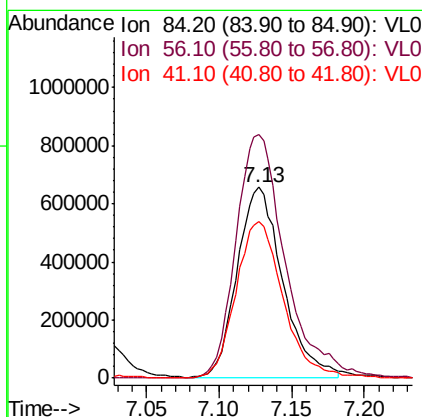
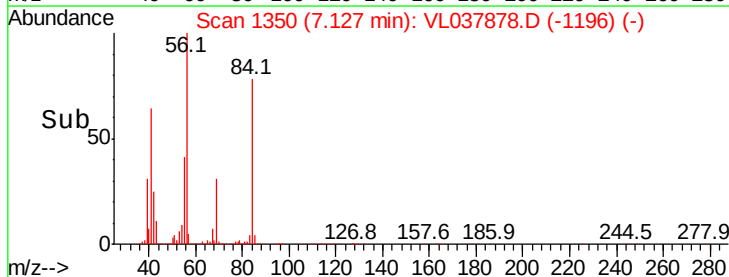
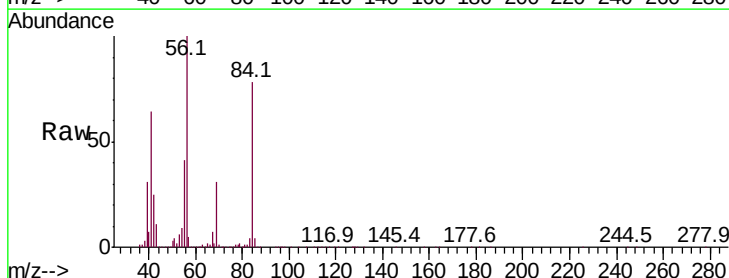
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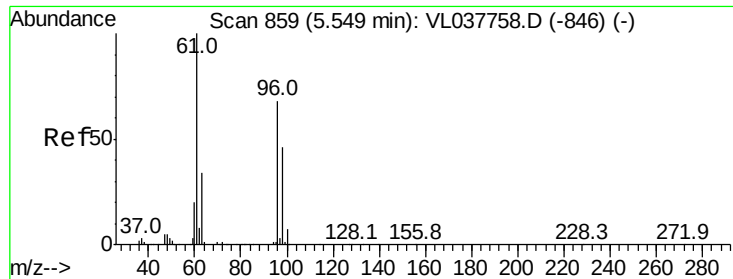
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#30
Cyclohexane
Concen: 10.789 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion: 84 Resp: 1426831
Ion Ratio Lower Upper
84 100
56 140.3 113.0 169.4
41 85.5 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 10.891 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 20 Oct 2021 8:31 VSTDCCC010

Tot Ion:

Ion Ratio

61 100

96 67.

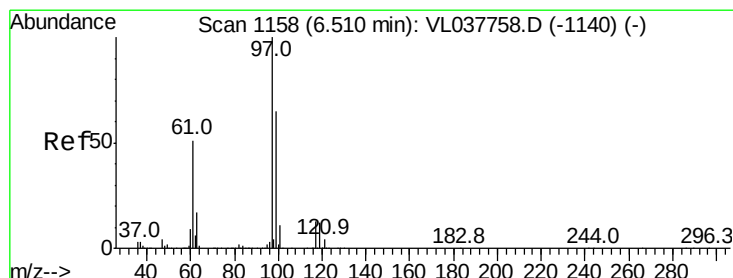
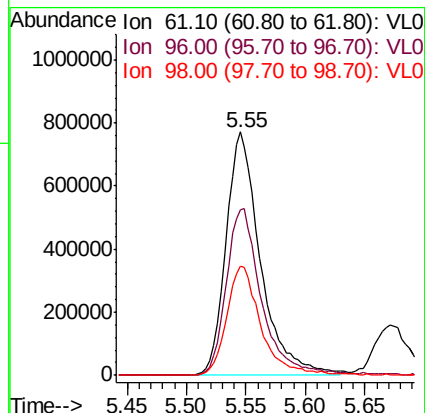
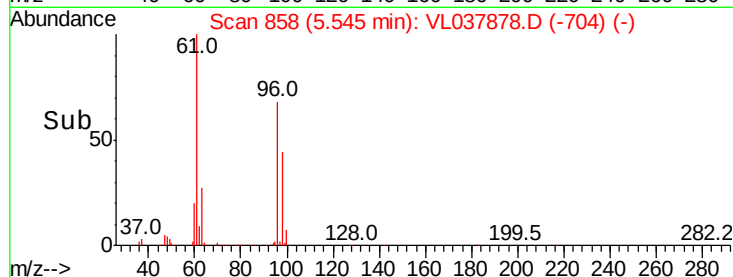
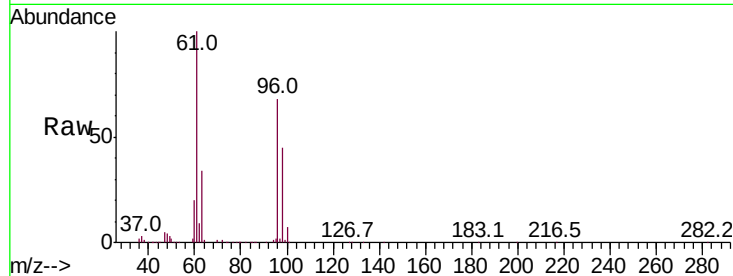
98 44.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#32

1,1,1-Trichloroethane

Concen: 10.674 ppbv

RT: 6.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

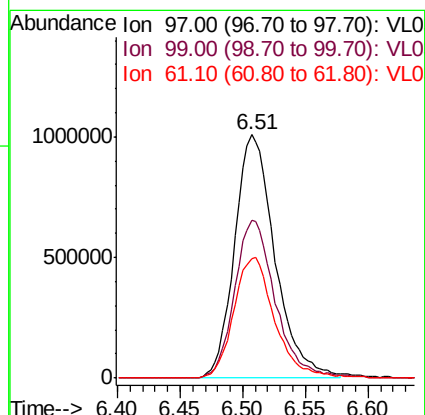
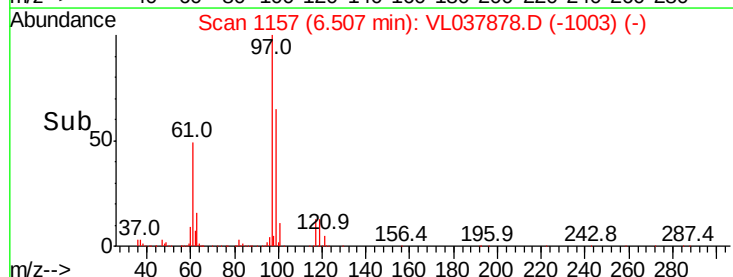
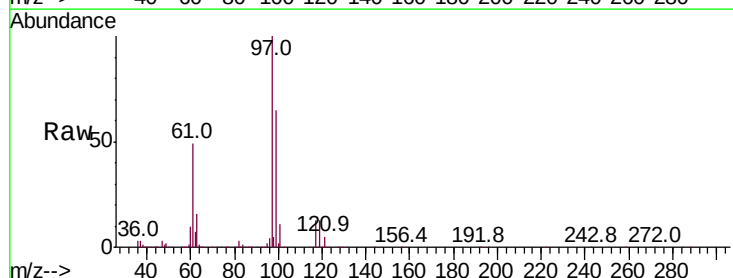
Tgt Ion: 97 Resp: 2255928

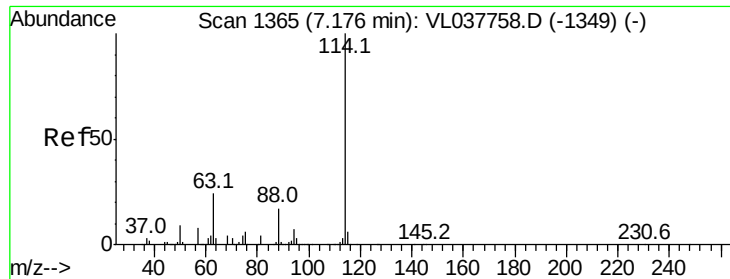
Ion Ratio Lower Upper

97 100

99 65.9 52.6 78.8

61 50.6 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31

Tot Ion:1

Ion Rati

114 100

63 24.

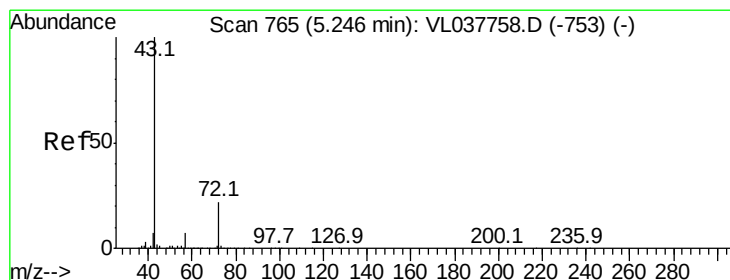
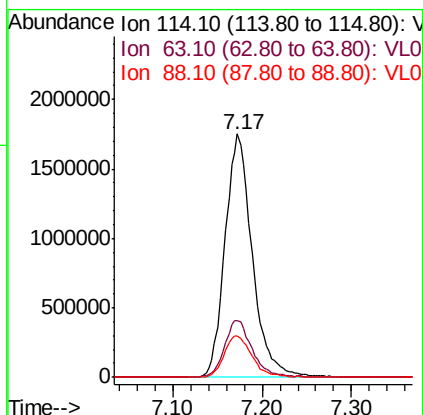
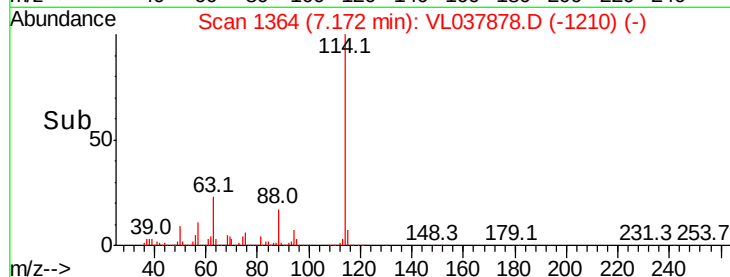
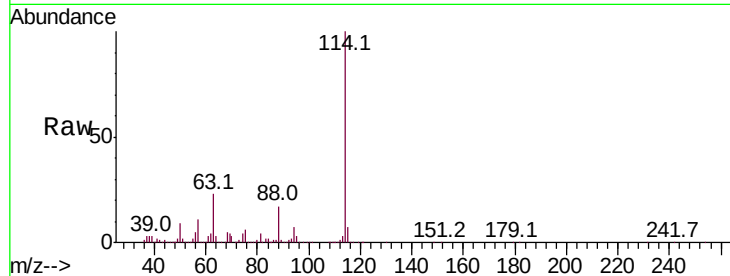
88 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#34

2-Butanone

Concen: 8.089 ppbv

RT: 5.24 min Scan# 763

Delta R.T. -0.01 min

Lab File: VL037878.D

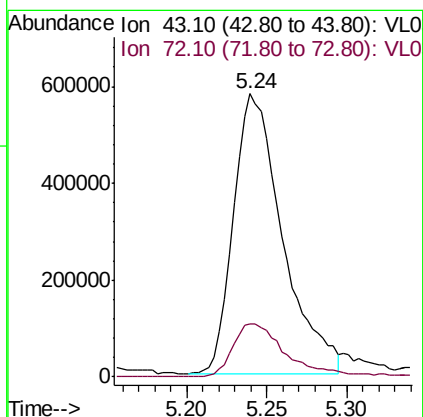
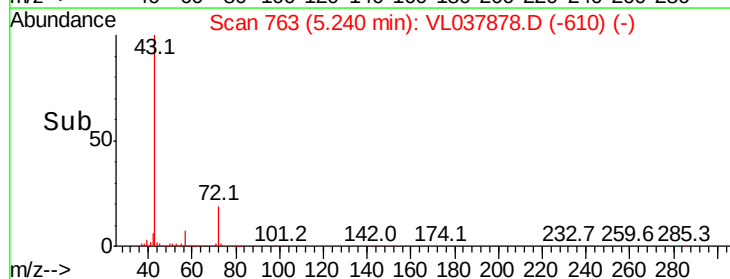
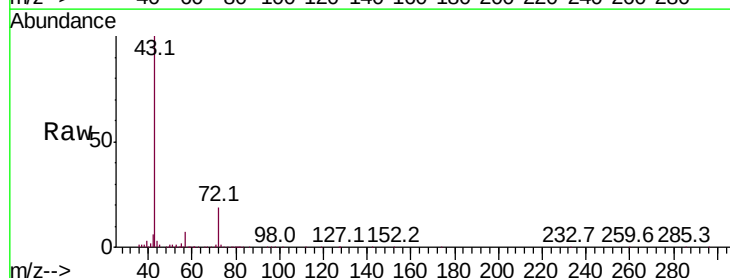
Acq: 20 Oct 2021 8:31

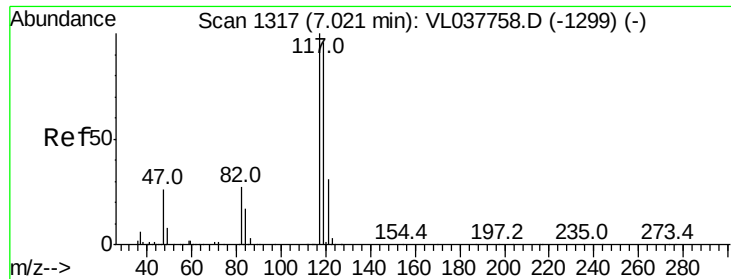
Tgt Ion: 43 Resp: 1211728

Ion Ratio Lower Upper

43 100

72 21.9 18.2 27.2



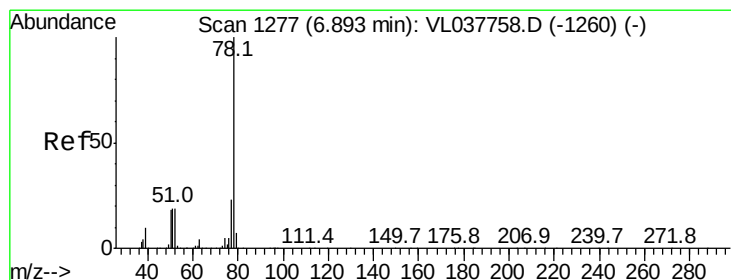
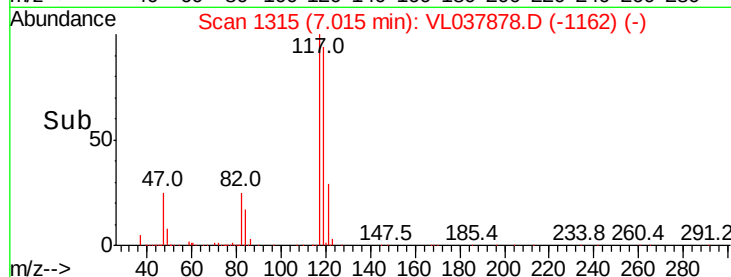
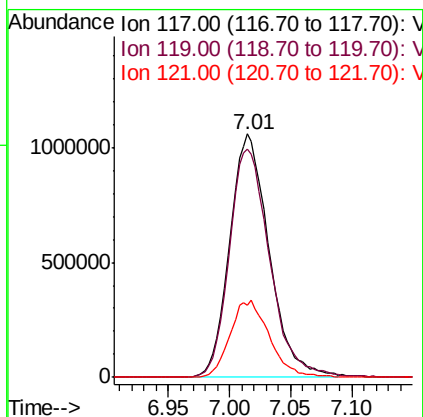
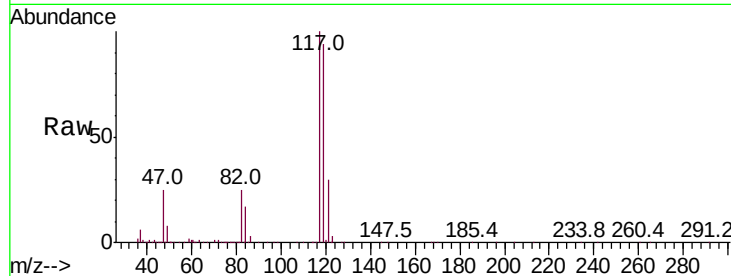


#35
Carbon Tetrachloride
Concen: 11.281 ppbv
RT: 7.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Oct 2021 8:31

Tot Ion:1
Ion Rati
117 100
119 93.
121 29.

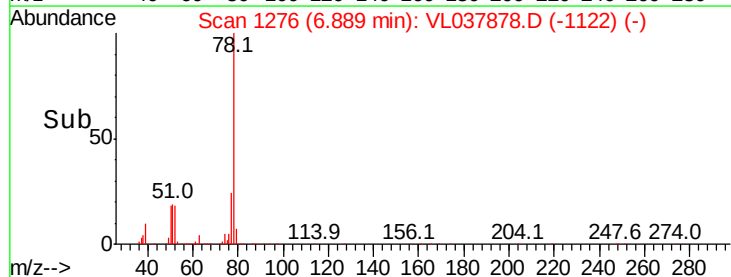
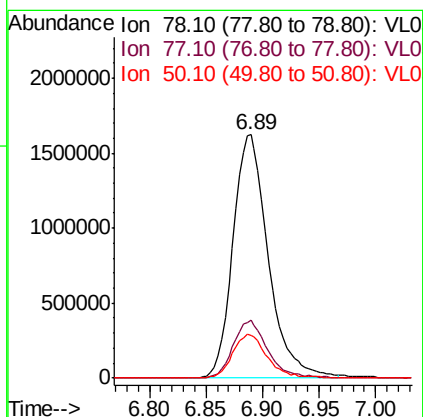
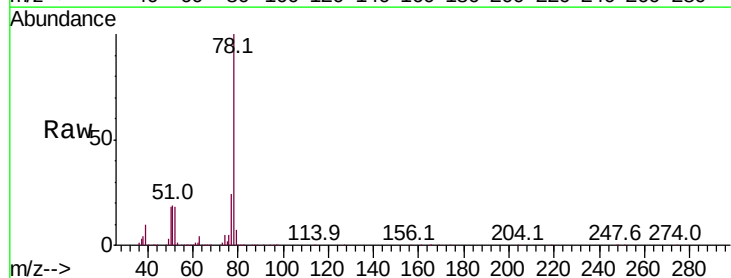
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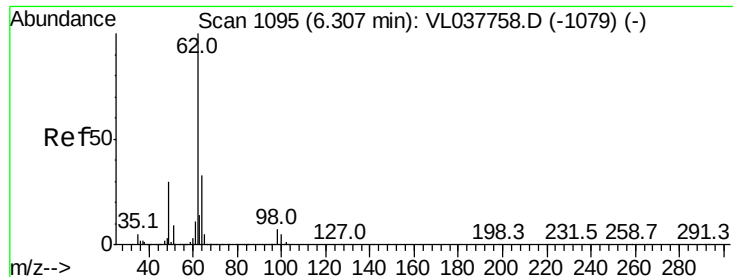
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#36
Benzene
Concen: 11.128 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion: 78 Resp: 3526855
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2
50 17.5 14.7 22.1



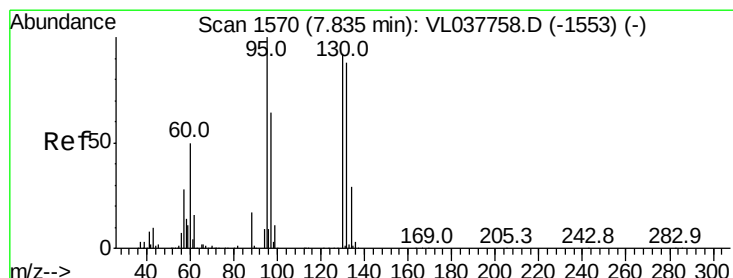
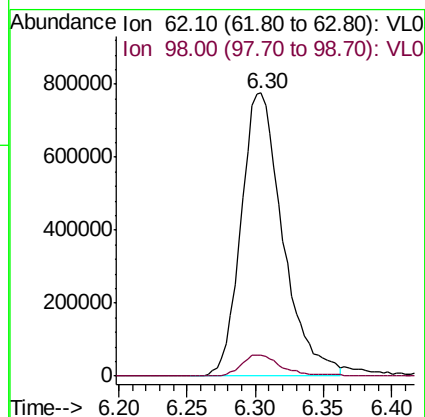
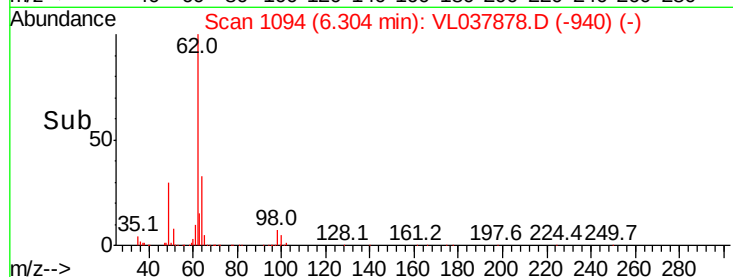
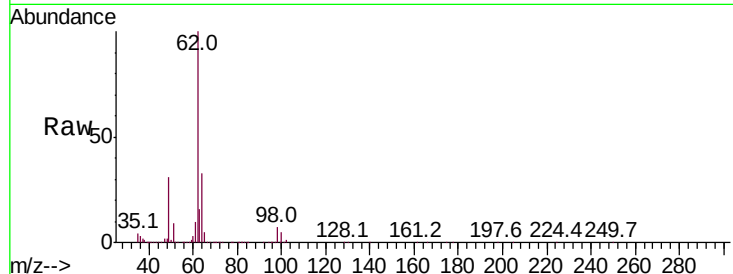


#37
 1,2-Dichloroethane
 Concen: 11.045 ppbv
 RT: 6.30
 Delta R.T.: MSVOA_1
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

Tot Ion:
 Ion Ratio
 62 100
 98 7.

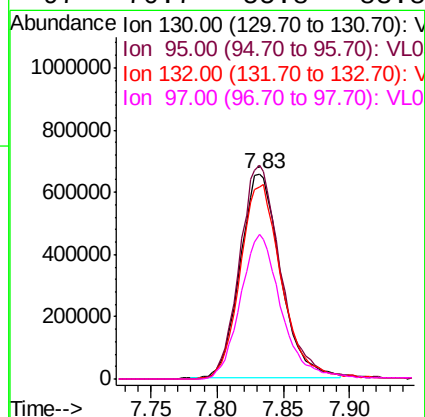
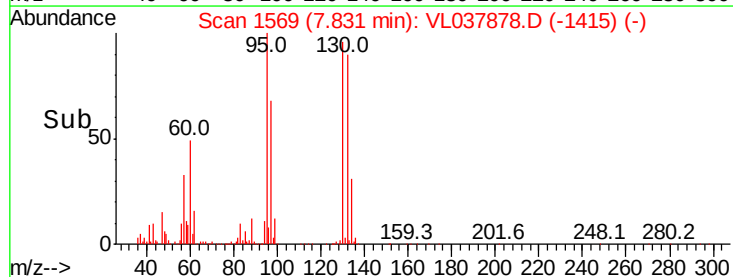
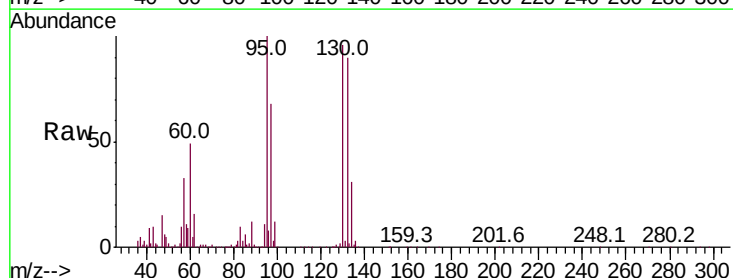
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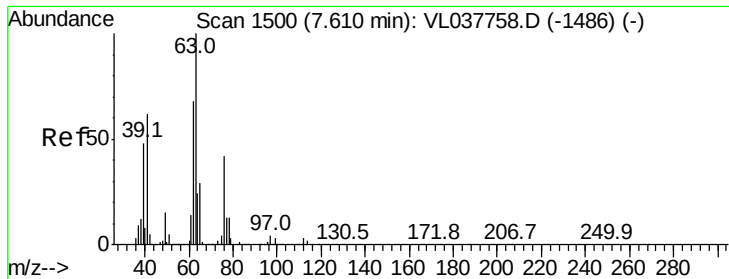
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#38
 Trichloroethene
 Concen: 11.166 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion:130 Resp: 1398082
 Ion Ratio Lower Upper
 130 100
 95 104.5 87.4 131.0
 132 94.2 76.8 115.2
 97 70.7 55.8 83.8



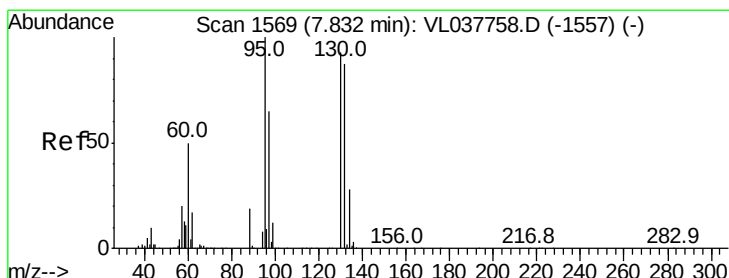
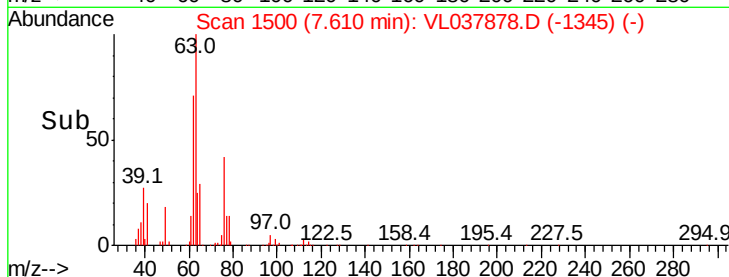
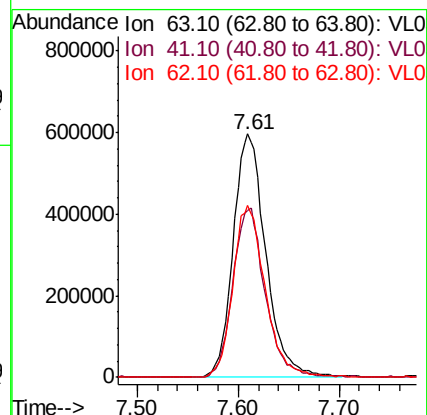
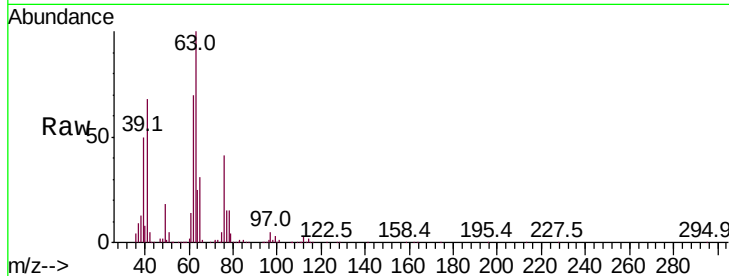


#39
 1,2-Dichloropropane
 Concen: 11.238 ppbv
 RT: 7.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

Tot Ion:
 Ion Ratio
 63 100
 41 68.
 62 70.

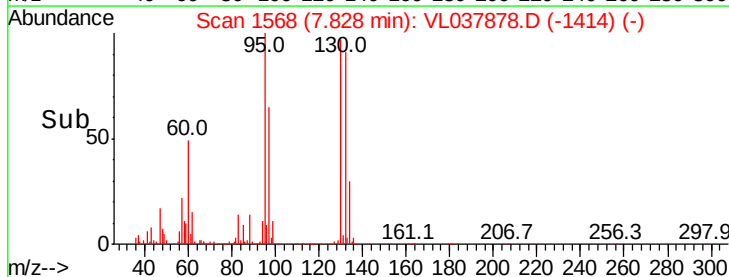
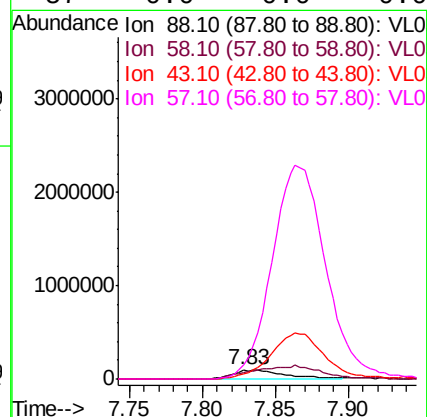
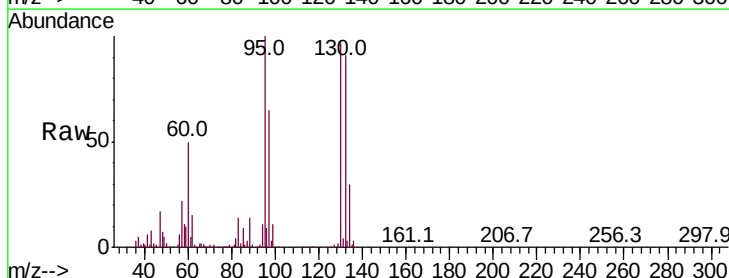
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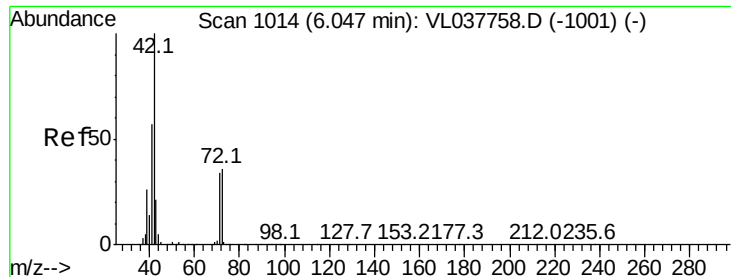
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#40
 1,4-Dioxane
 Concen: 8.171 ppbv m
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 88 Resp: 243755
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0



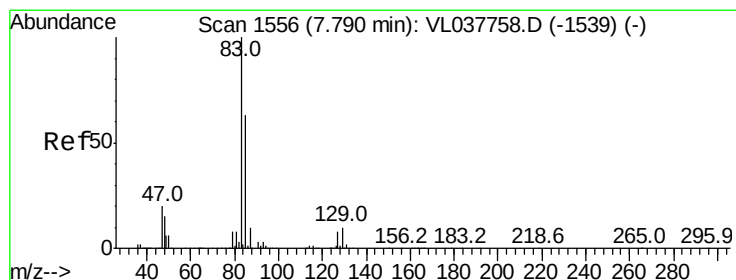
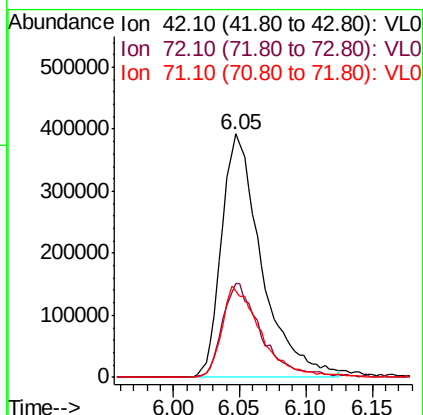
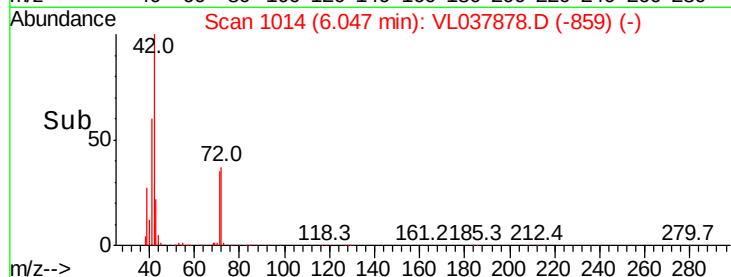
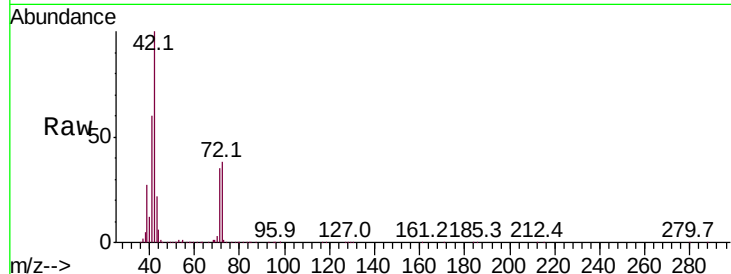


#41
Tetrahydrofuran
Concen: 11.208 ppbv
RT: 6.05
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 20 Oct 2021 8:31

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

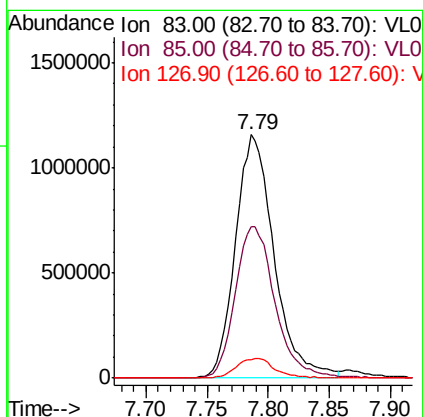
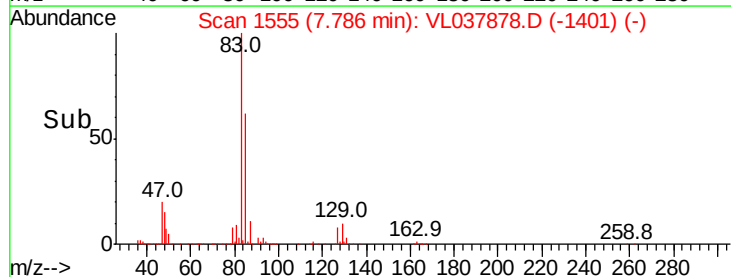
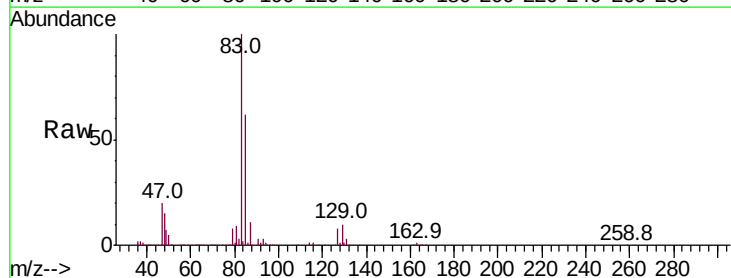
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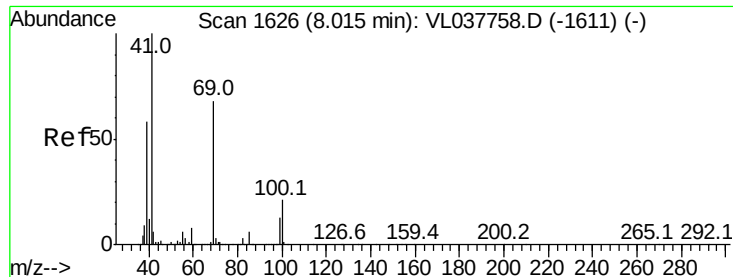
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#42
Bromodichloromethane
Concen: 11.587 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion: 83 Resp: 2539834
Ion Ratio Lower Upper
83 100
85 62.4 50.6 75.8
127 7.8 6.2 9.4





#43

Methyl Methacrylate

Concen: 12.031 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.

Client Sample Id:

Lab File: VSTDCCC010

Acq: 20 Oct 2021 8:31

Tot Ion:

Ion Ratio

69 100

41 150.

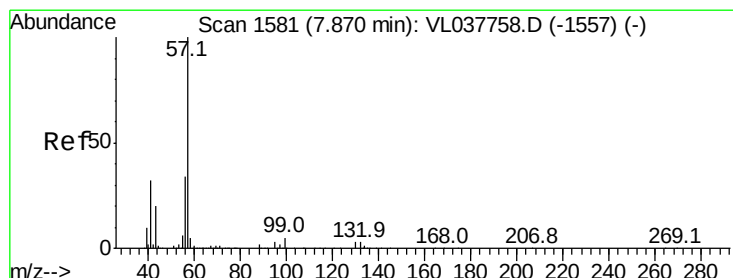
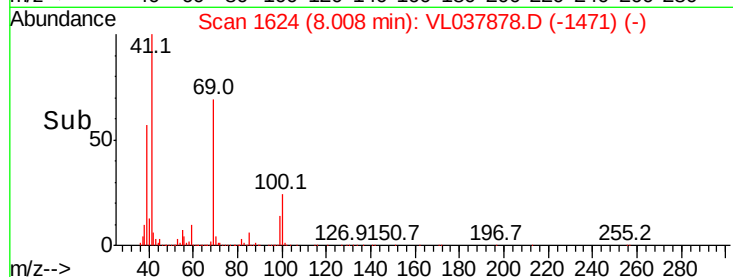
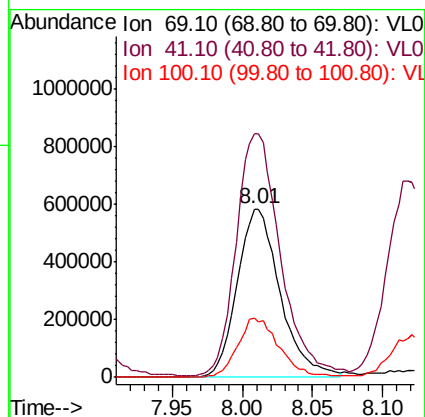
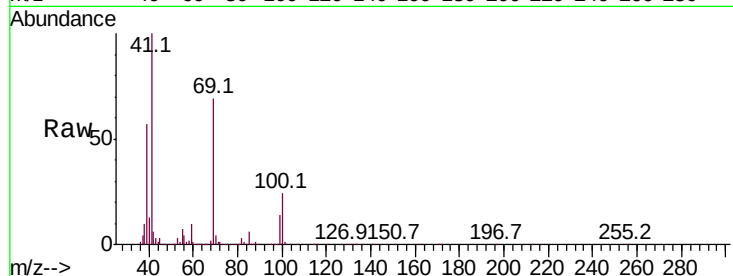
100 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#44

2,2,4-Trimethylpentane

Concen: 11.083 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.01 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

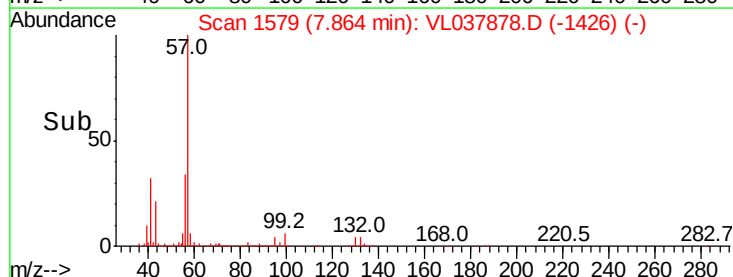
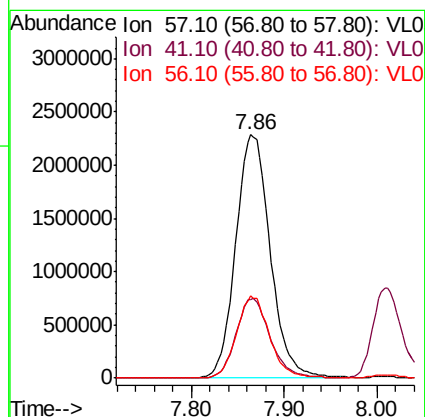
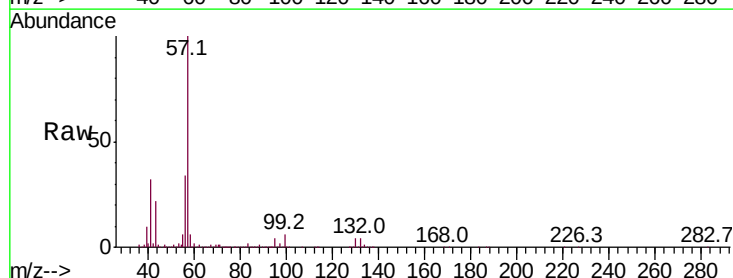
Tgt Ion: 57 Resp: 5901163

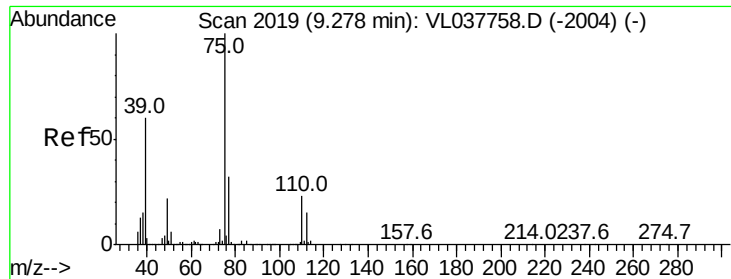
Ion Ratio Lower Upper

57 100

41 32.4 25.6 38.4

56 32.3 25.5 38.3



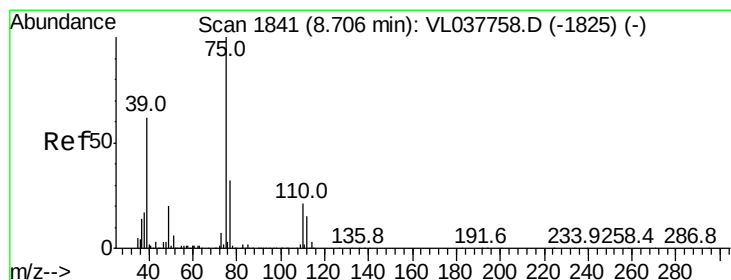
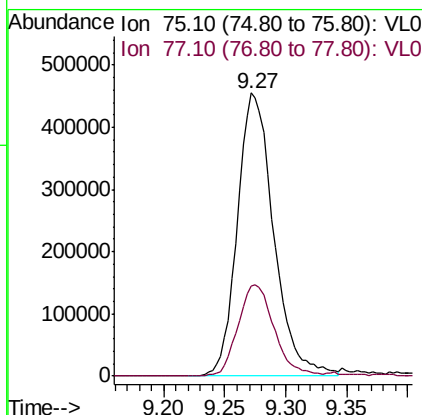
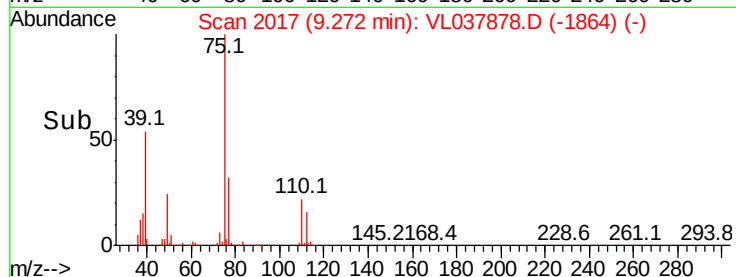
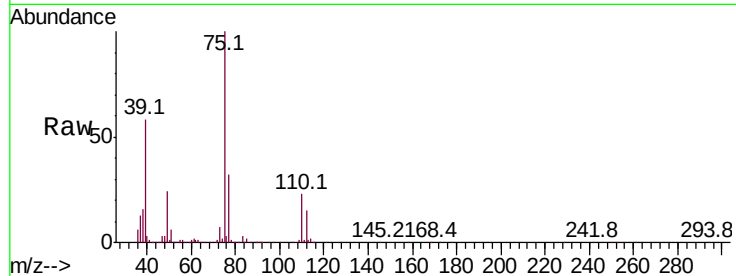


#45
t-1,3-Dichloropropene
Concen: 13.148 ppbv
RT: 9.27
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
VSTDCCC010
Acq: 20 Oct 2021 8:31

Tot Ion:
Ion Ratio
75 100
77 31.

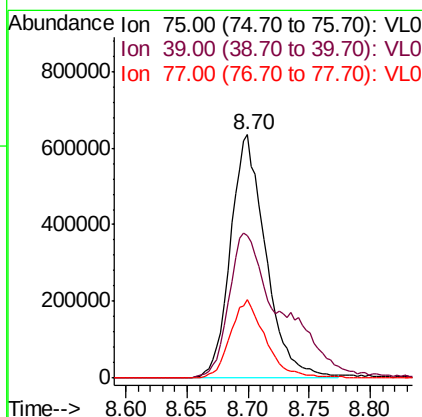
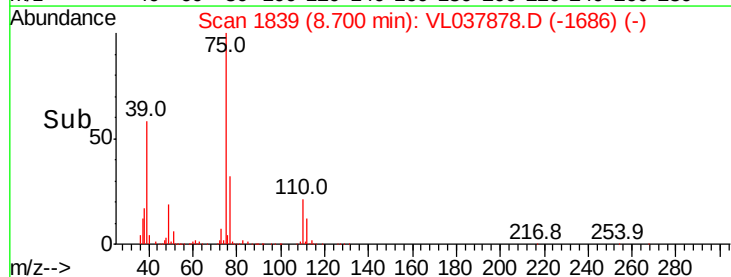
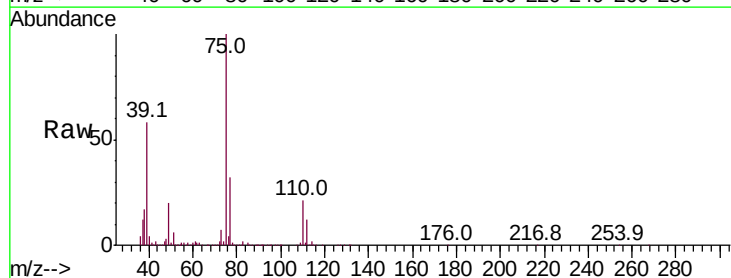
Manual Integrations
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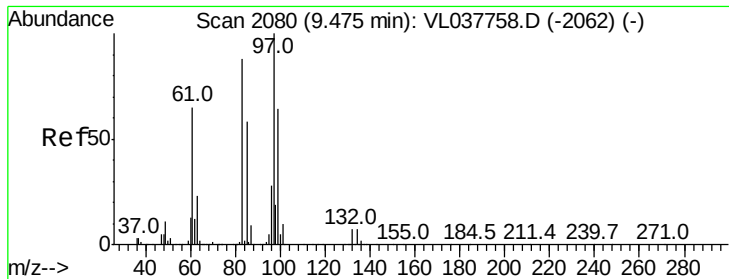
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#46
cis-1,3-Dichloropropene
Concen: 12.845 ppbv
RT: 8.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion: 75 Resp: 1268074
Ion Ratio Lower Upper
75 100
39 58.4 49.9 74.9
77 32.3 25.9 38.9



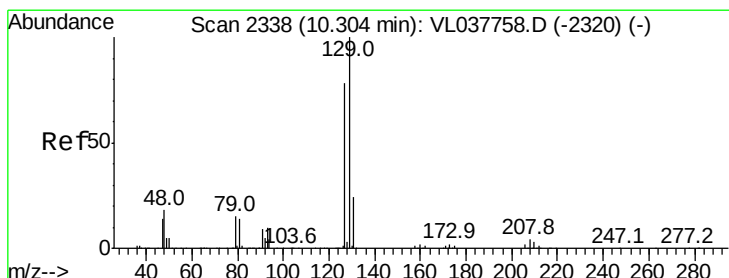
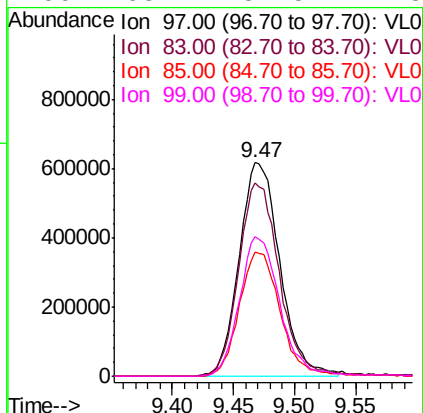
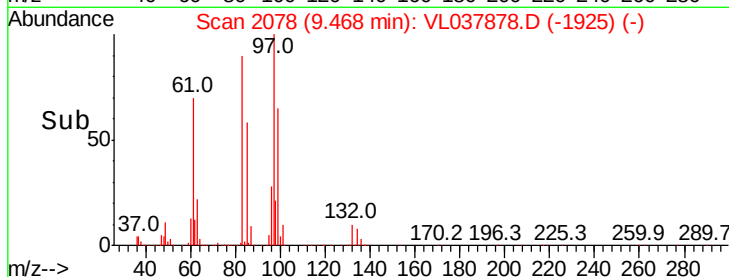
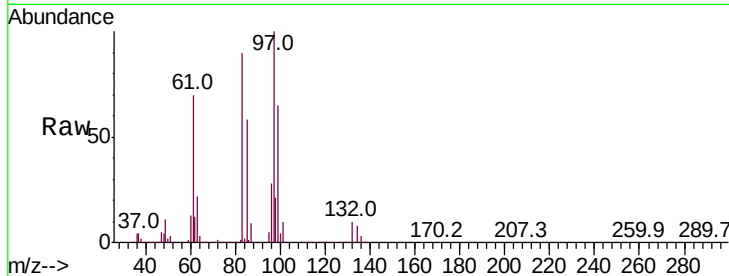


#47
 1,1,2-Trichloroethane
 Concen: 10.989 ppbv
 RT: 9.47
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

Tot Ion:
 Ion Ratio
 97 100
 83 90.
 85 58.
 99 65.1 51.5 77.3

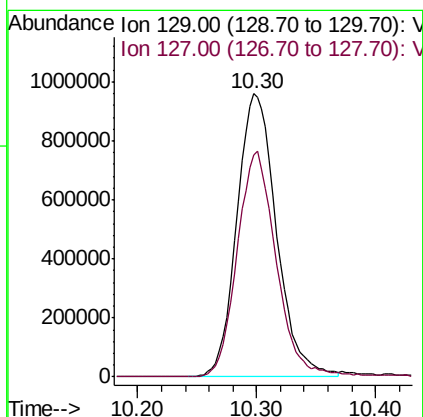
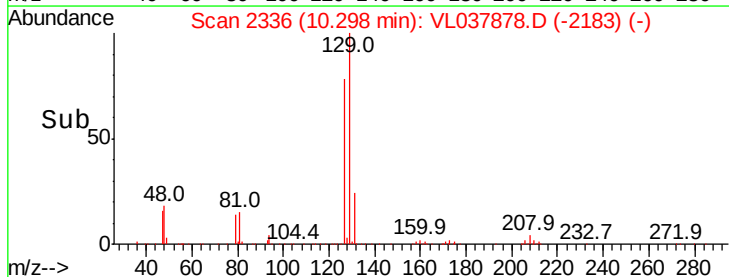
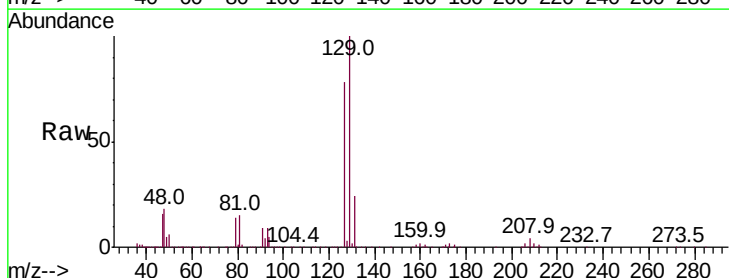
Manual Integrations
 APPROVED

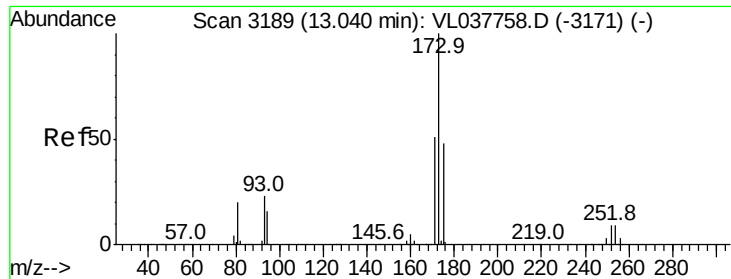
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#48
 Dibromochloromethane
 Concen: 11.985 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.01 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion:129 Resp: 2214099
 Ion Ratio Lower Upper
 129 100
 127 79.4 39.5 118.5





#49

Bromoform

Concen: 12.427 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 20 Oct 2021

Instrument:

MSVOA_L

ClientSampleId:

VSTDCCC010

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021

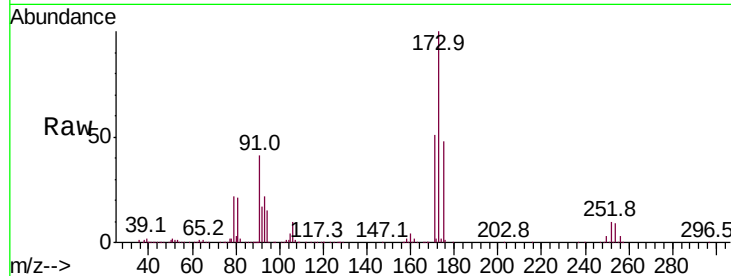
Tot Ion:1

Ion Ratio

173 100

175 52.

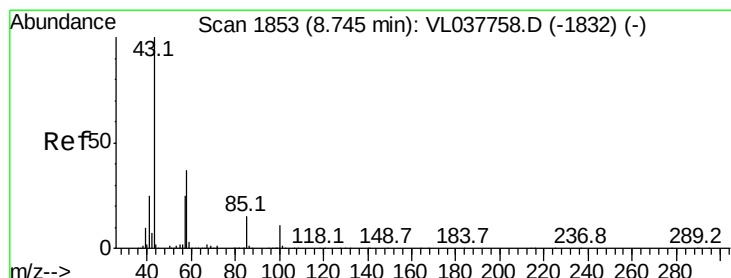
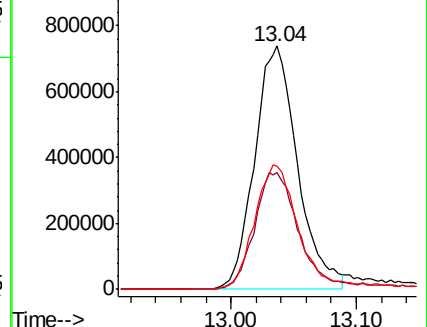
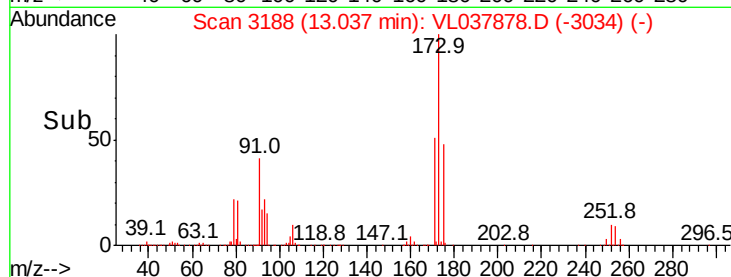
171 56.



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 11.919 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VL037878.D

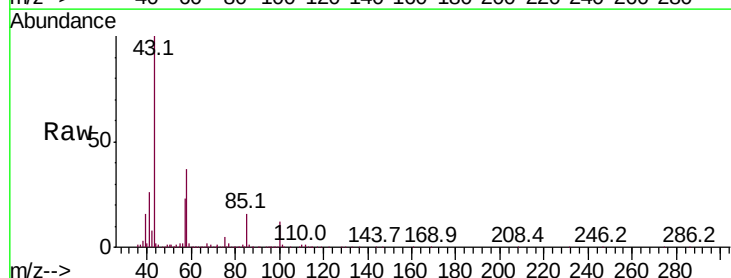
Acq: 20 Oct 2021 8:31

Tgt Ion: 43 Resp: 2324217

Ion Ratio Lower Upper

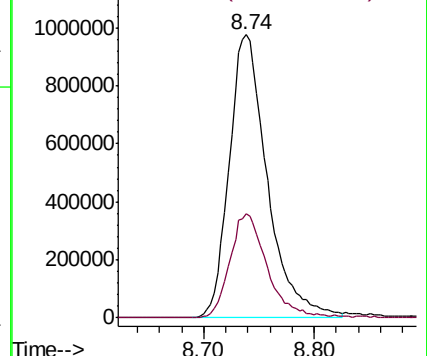
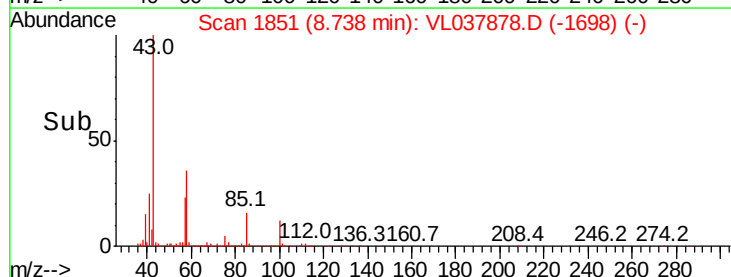
43 100

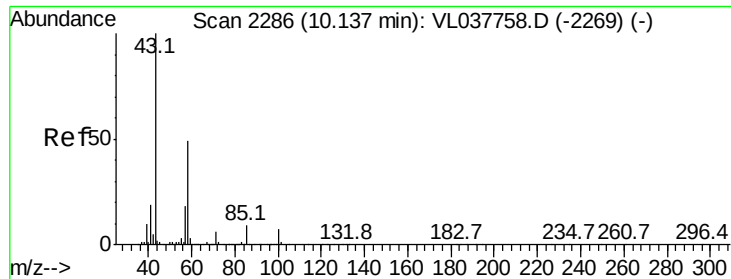
58 36.5 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 11.972 ppbv

RT: 10.13

Delta R.T. MSVOA_L

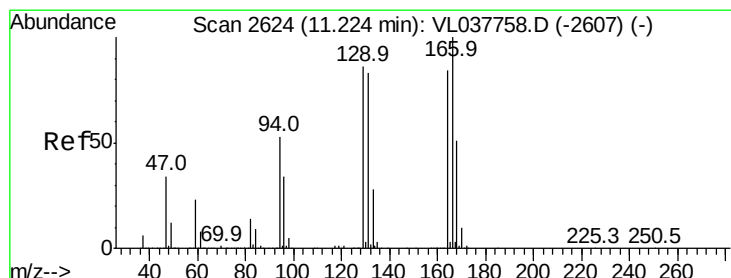
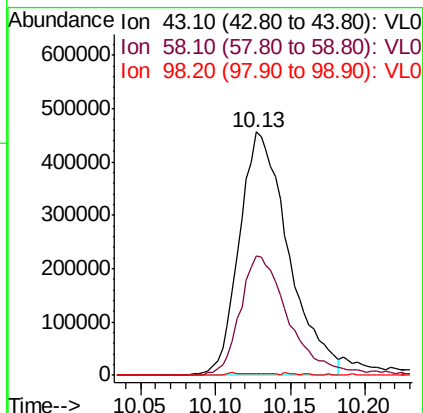
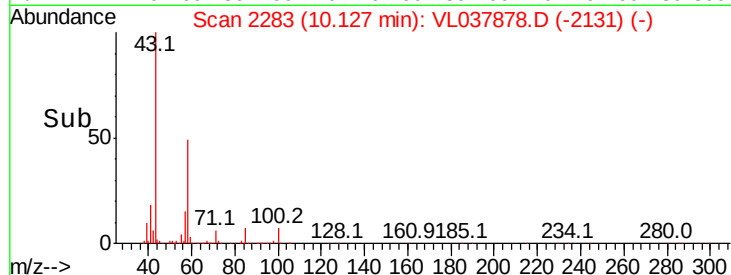
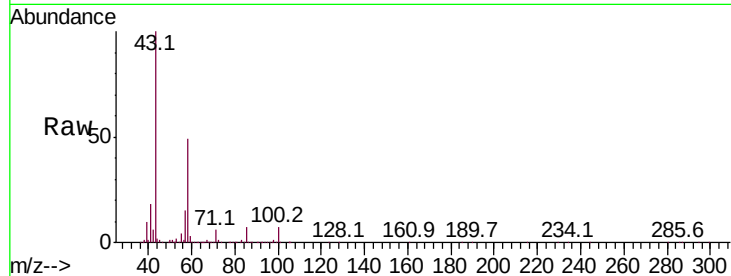
Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31

Tot Ion:
Ion Ratio
43 100
58 50.
98 0.

Manual Integrations
APPROVED

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



#52

Tetrachloroethene

Concen: 10.361 ppbv

RT: 11.22 min Scan# 2623

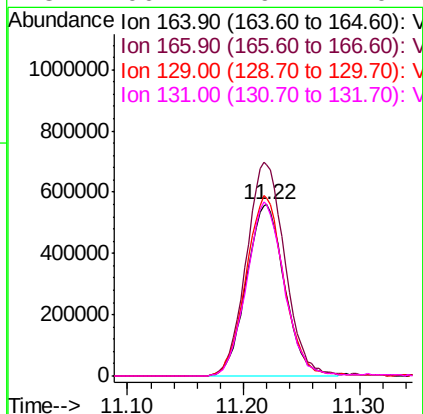
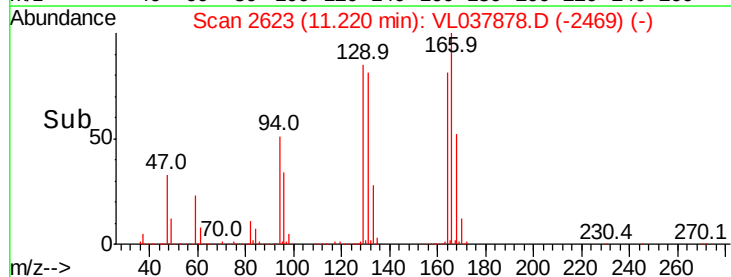
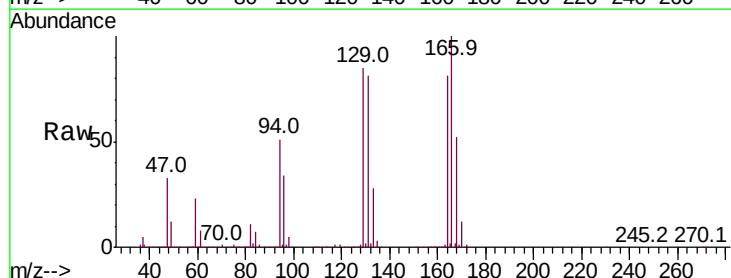
Delta R.T. -0.00 min

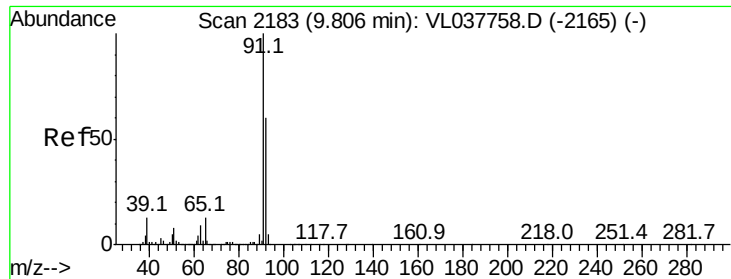
Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

Tgt Ion:164 Resp: 1277521

Ion	Ratio	Lower	Upper
164	100		
166	122.9	95.4	143.2
129	104.0	82.2	123.4
131	100.1	79.4	119.2





#53

Toluene

Concen: 11.587 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 8:31

Tot Ion:

Ion Ratio

91 100

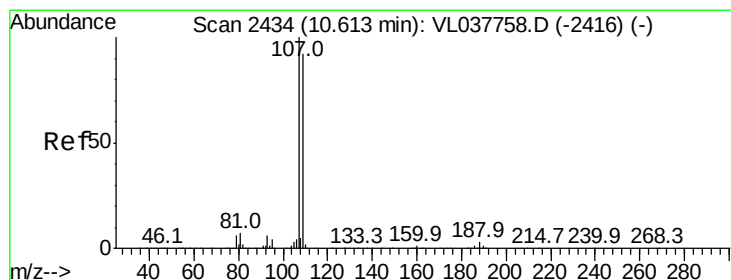
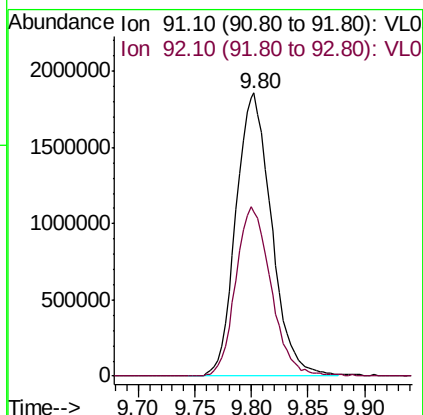
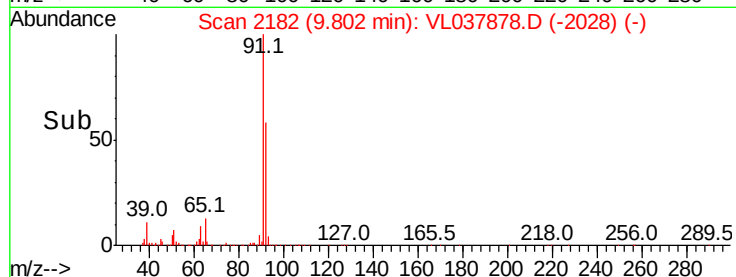
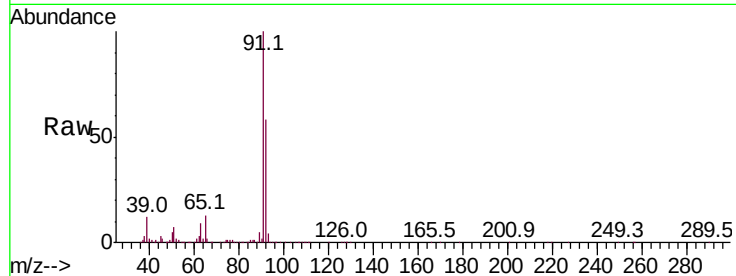
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#54

1,2-Dibromoethane

Concen: 11.076 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.01 min

Lab File: VL037878.D

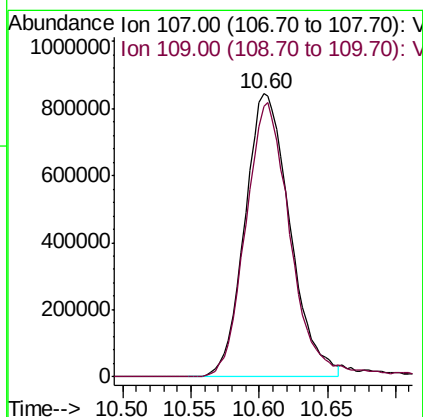
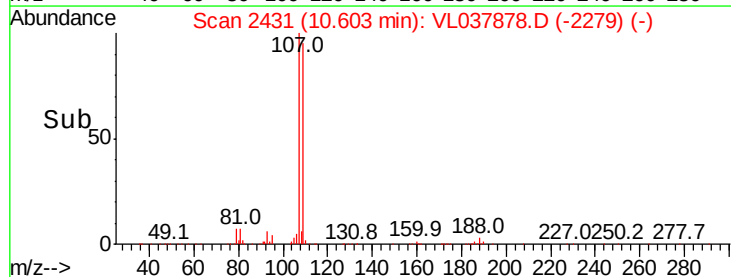
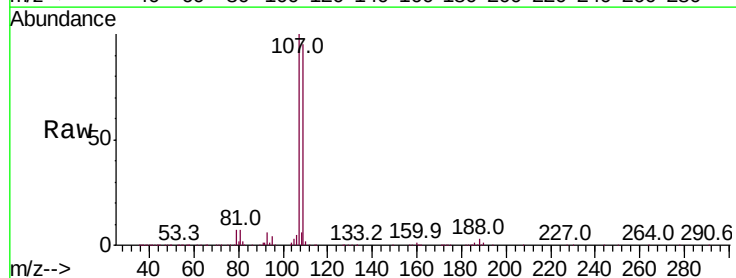
Acq: 20 Oct 2021 8:31

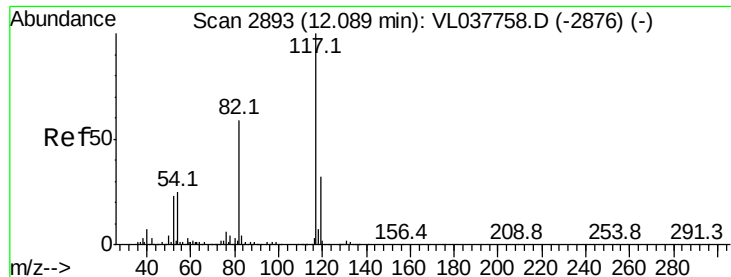
Tgt Ion:107 Resp: 1938892

Ion Ratio Lower Upper

107 100

109 95.4 73.8 110.6



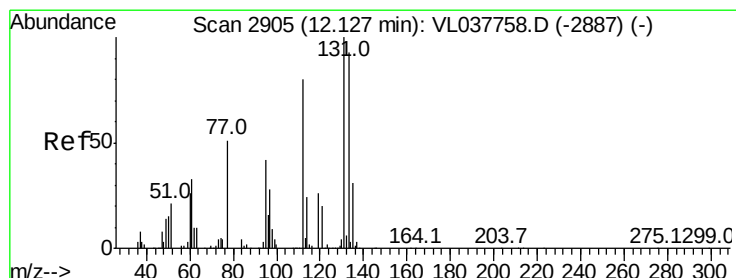
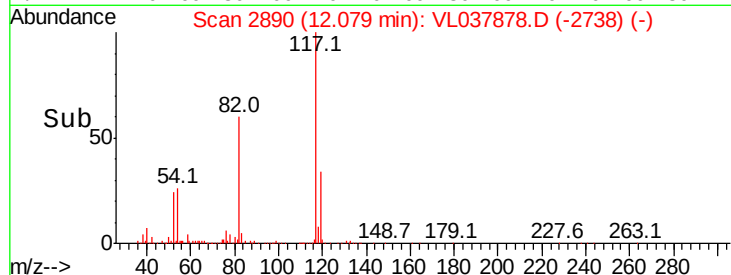
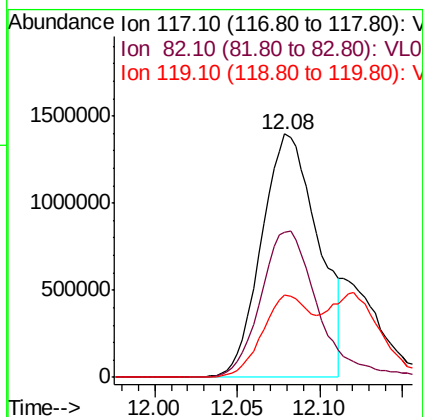
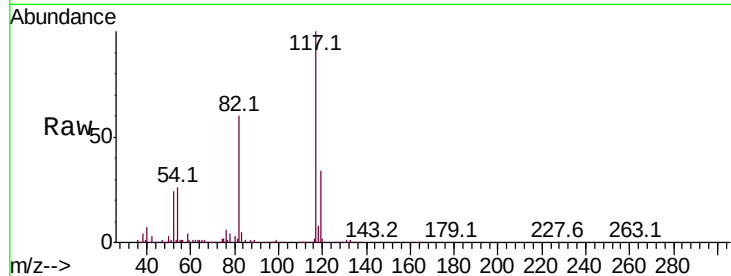


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
Acq: 20 Oct 2021 8:31

Tot Ion:1
Ion Rati
117 100
82 61.
119 27.

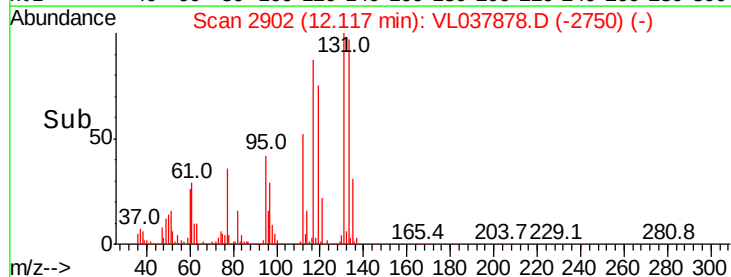
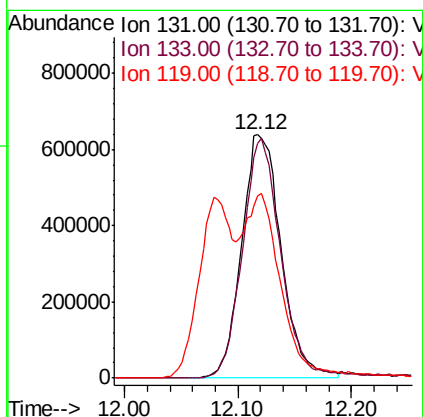
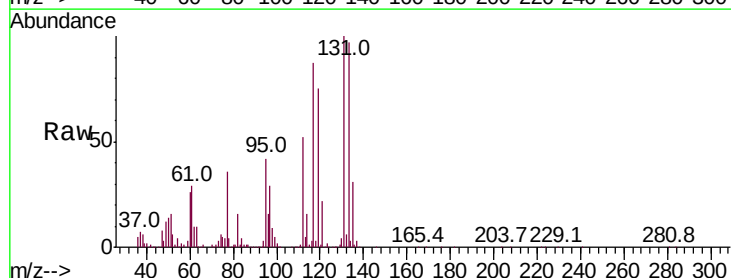
Manual Integrations
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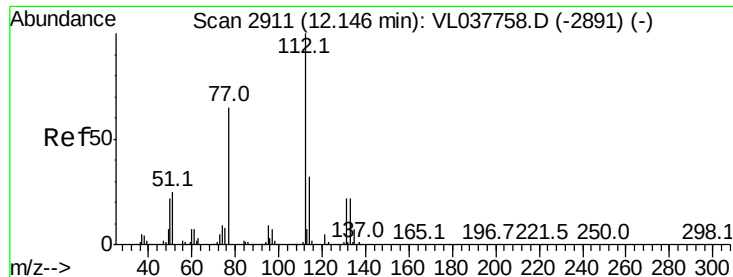
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 11.316 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion:131 Resp: 1554097
Ion Ratio Lower Upper
131 100
133 97.7 78.5 117.7
119 71.7 51.7 77.5



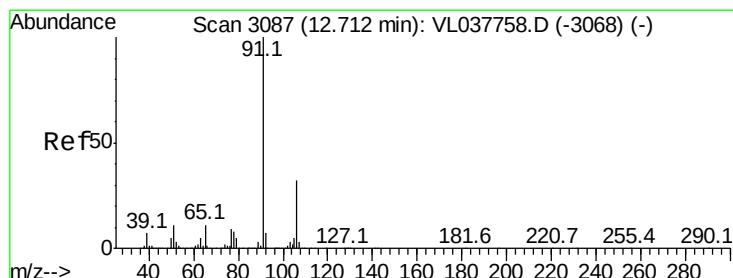
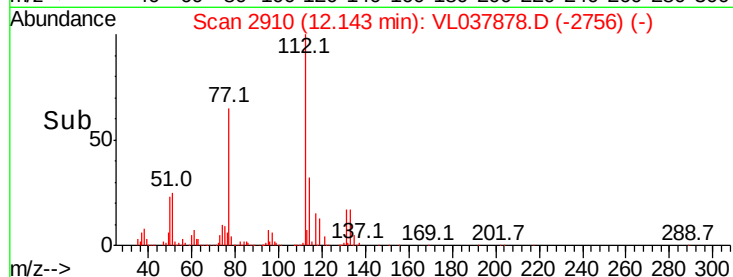
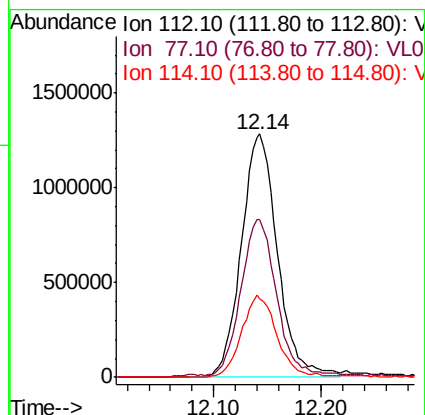
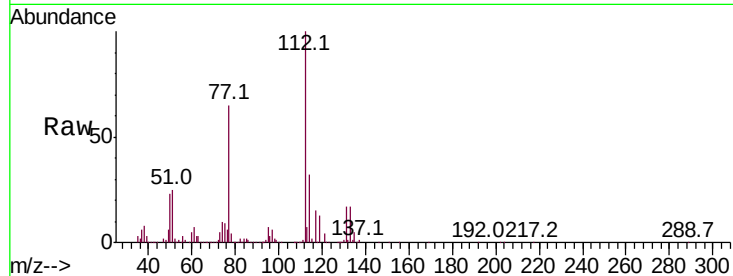


#57
Chlorobenzene
Concen: 11.023 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Oct 2021 8:31

Tot Ion: 1
Ion Ratio
112 100
77 63.
114 32.

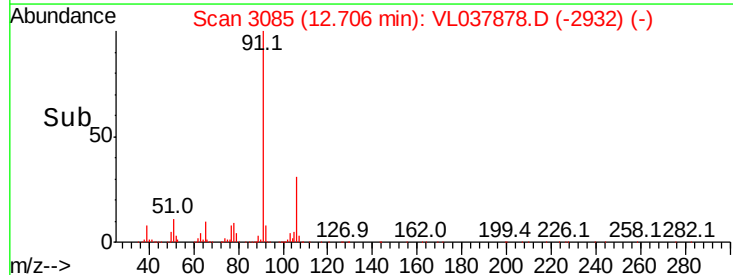
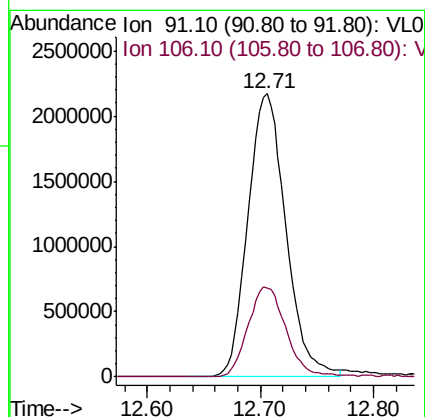
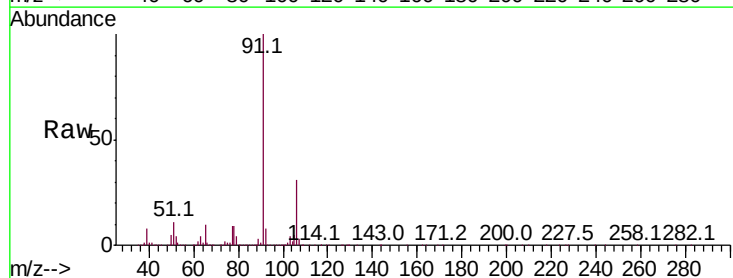
Manual Integrations
APPROVED

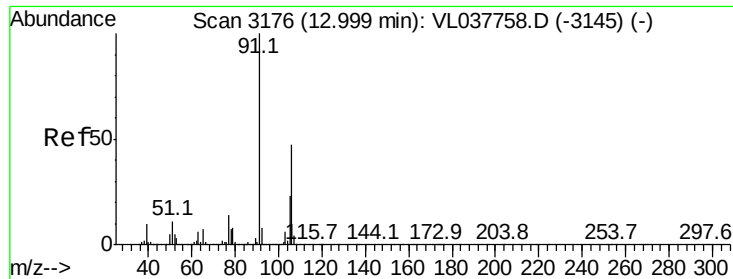
Reviewed By : Semsettin Yesilyurt 10/25/2021
Supervised By : Mahesh Dadoda 10/25/2021



#58
Ethyl Benzene
Concen: 11.394 ppbv
RT: 12.71 min Scan# 3085
Delta R.T.: -0.01 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion: 91 Resp: 5075574
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



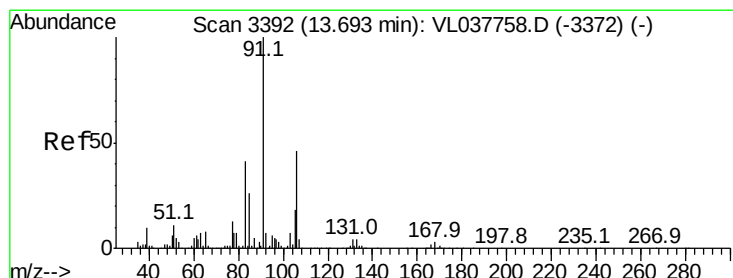
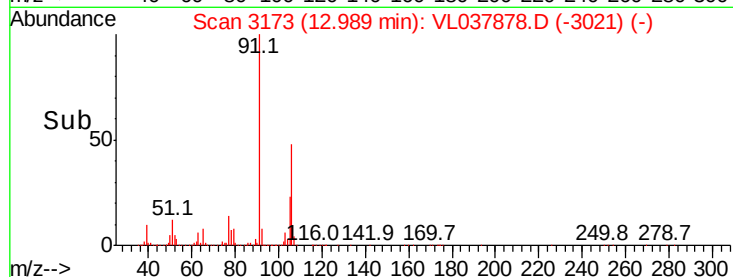
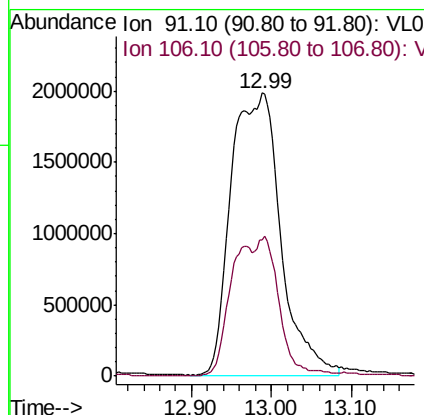
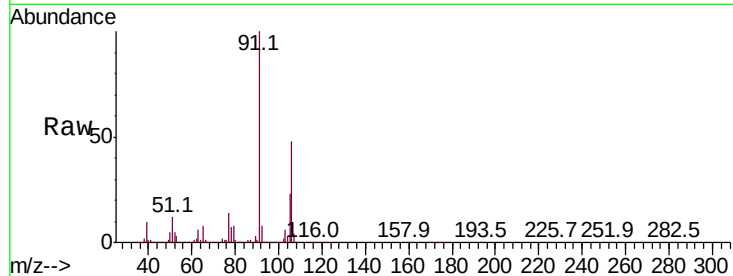


#59
m/p-Xylene
Concen: 22.581 ppbv m
RT: 12.99 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Oct 2021 8:31

Tot Ion:
Ion Ratio
91 100
106 47.

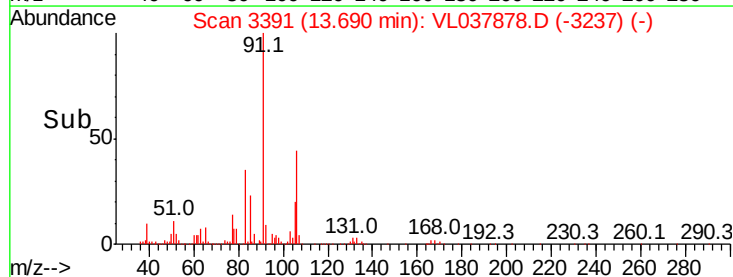
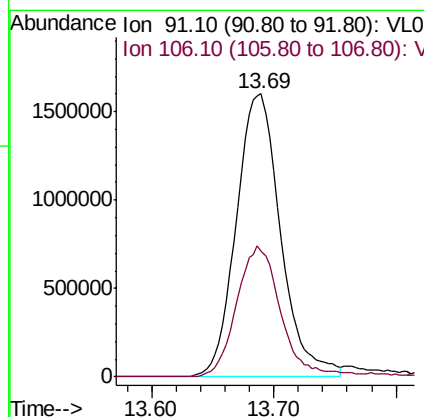
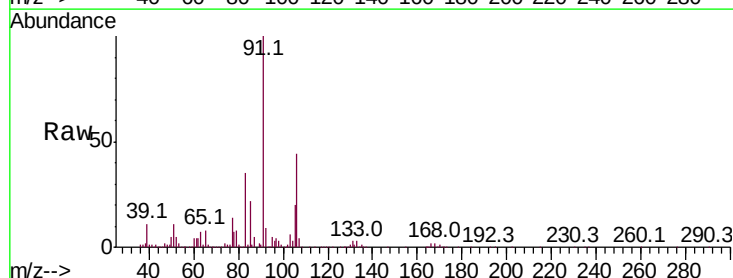
Manual Integrations
APPROVED

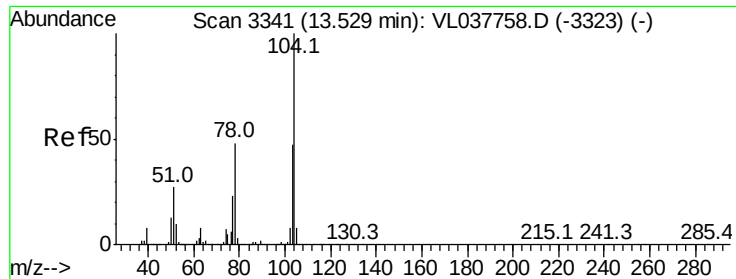
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#60
o-Xylene
Concen: 10.931 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.00 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion: 91 Resp: 4005749
Ion Ratio Lower Upper
91 100
106 47.9 23.5 70.5





#61

Stvrene

Concen: 12.533 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31

Tot Ion:1

Ion Rati

104 100

78 49.

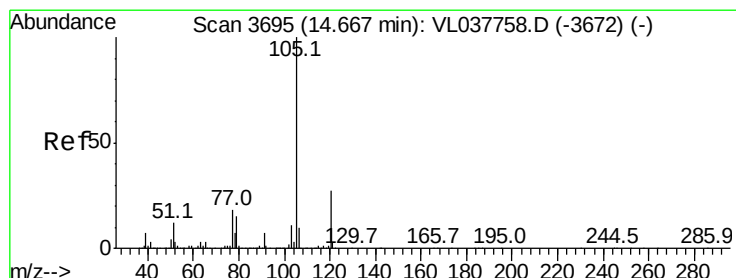
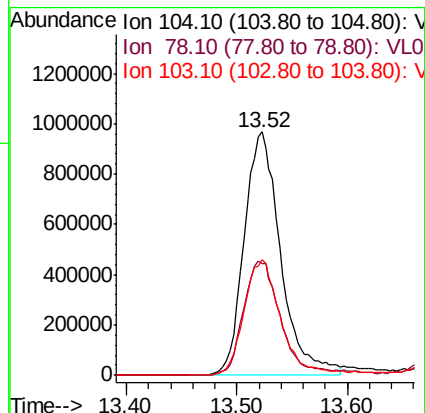
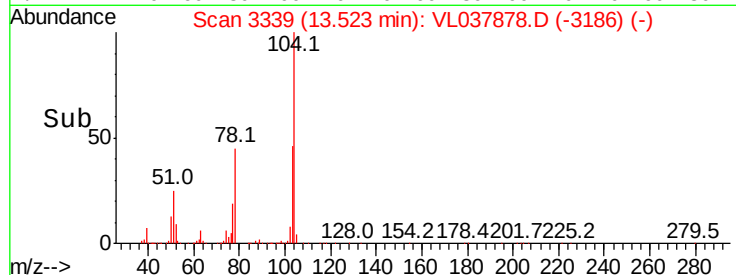
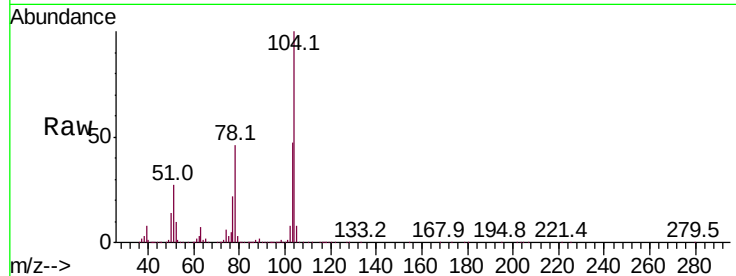
103 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#62

Isopropylbenzene

Concen: 11.201 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. -0.01 min

Lab File: VL037878.D

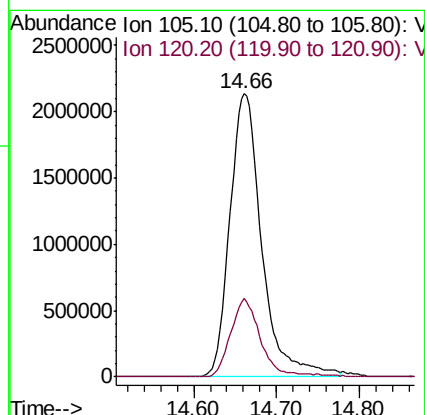
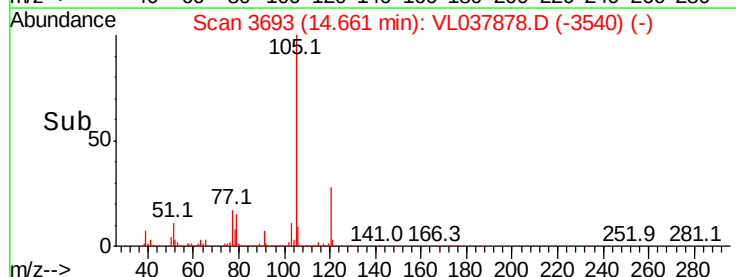
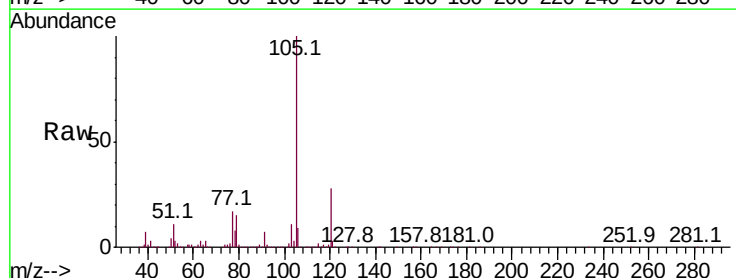
Acq: 20 Oct 2021 8:31

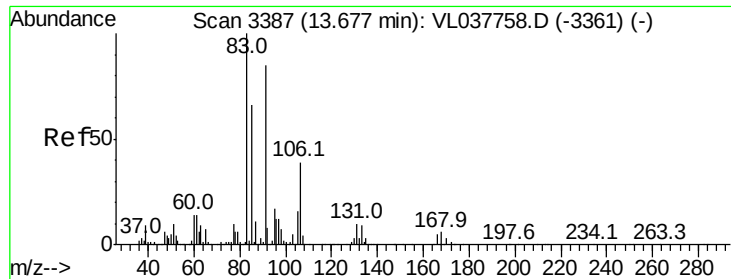
Tgt Ion:105 Resp: 5725402

Ion Ratio Lower Upper

105 100

120 26.6 21.3 31.9





#63

1,1,2,2-Tetrachloroethane

Concen: 10.075 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31

Tot Ion:

Ion Ratio

83 100

131 10.

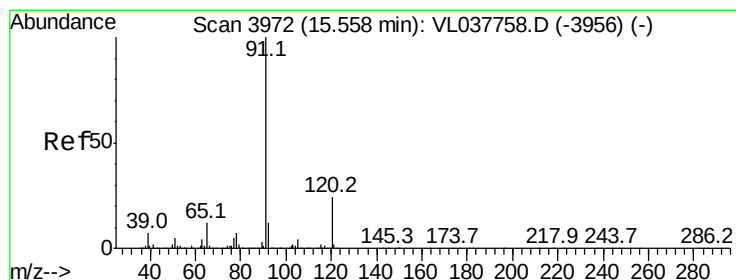
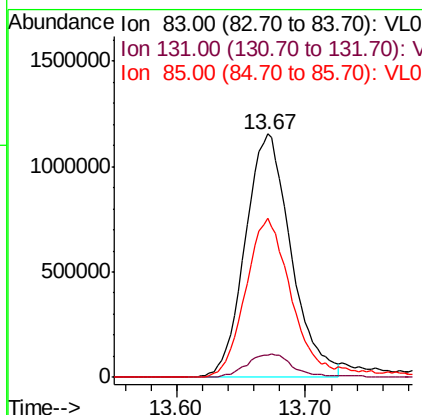
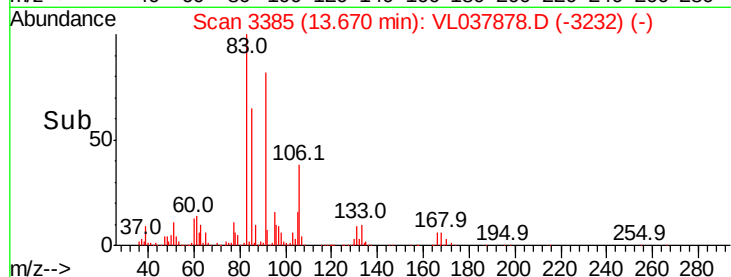
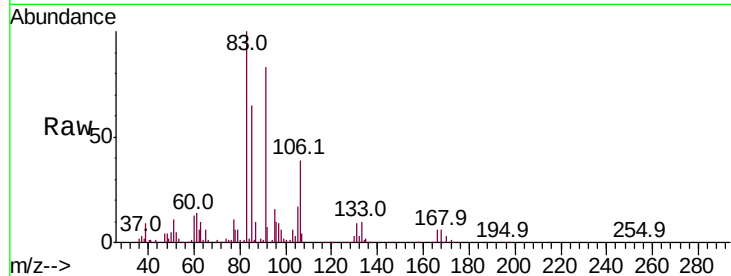
85 69.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#64

n-propylbenzene

Concen: 11.311 ppbv

RT: 15.55 min Scan# 3971

Delta R.T. -0.00 min

Lab File: VL037878.D

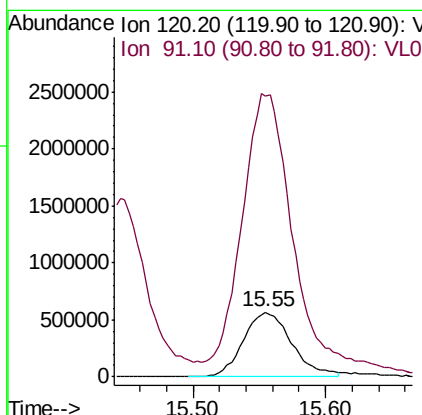
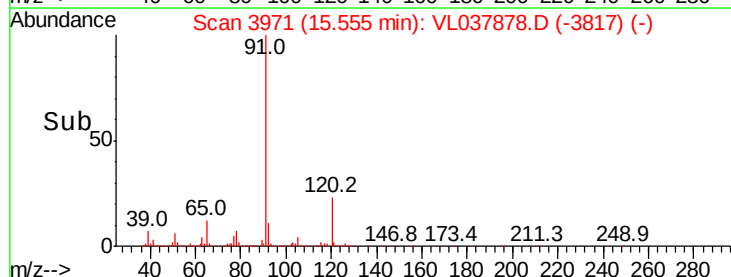
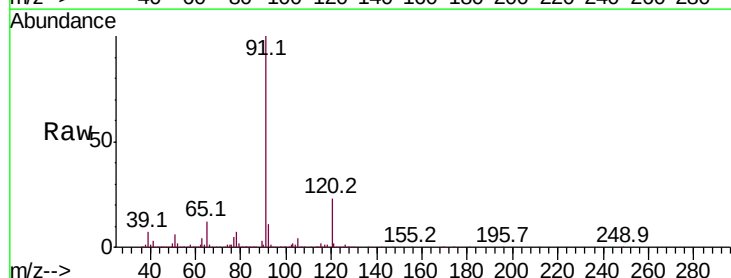
Acq: 20 Oct 2021 8:31

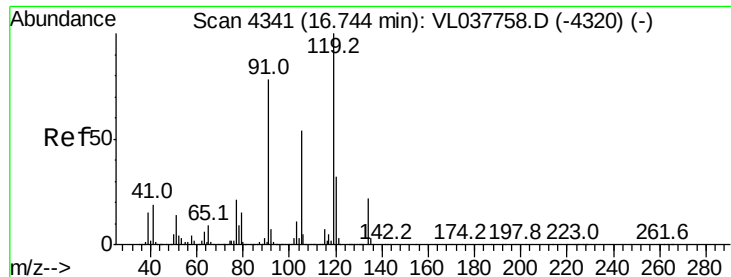
Tgt Ion:120 Resp: 1441741

Ion Ratio Lower Upper

120 100

91 485.6 375.0 562.6



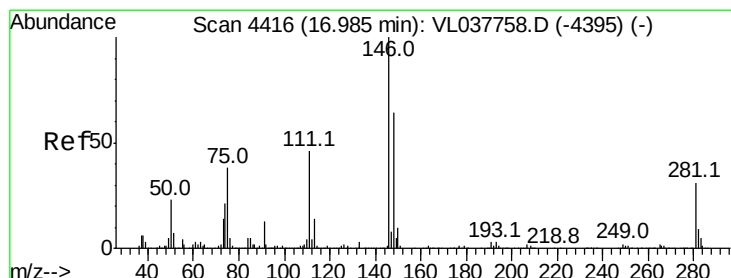
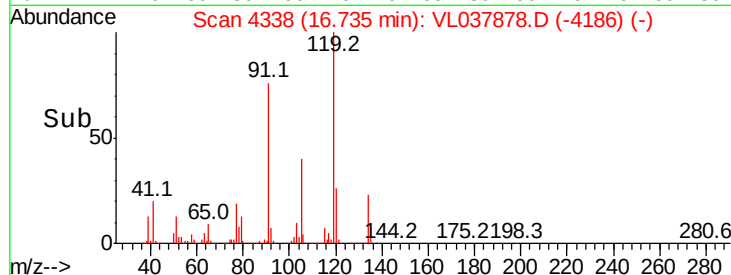
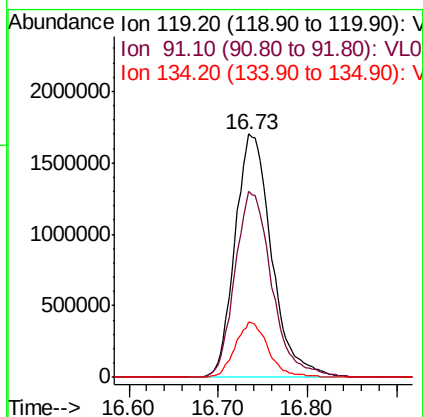
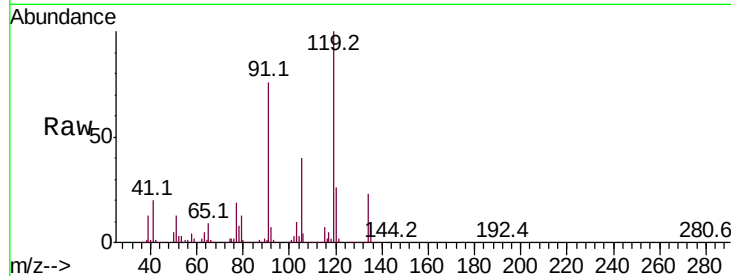


#65
 tert-Butylbenzene
 Concen: 10.777 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

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

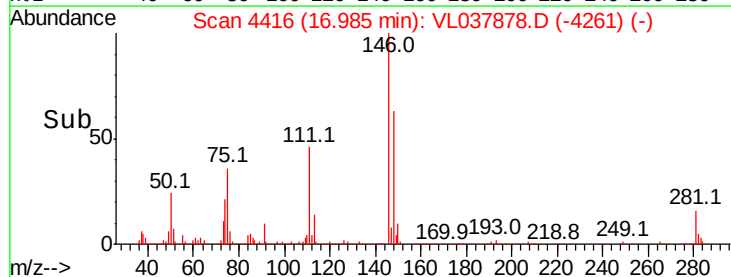
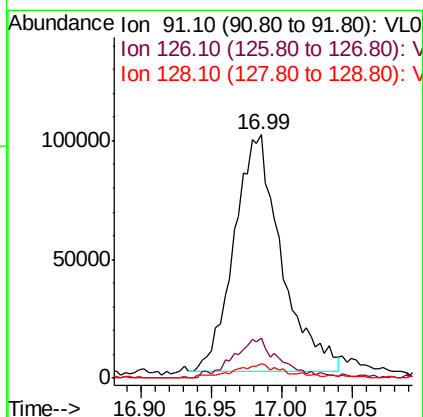
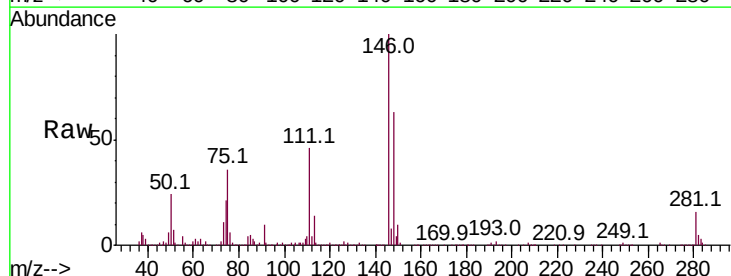
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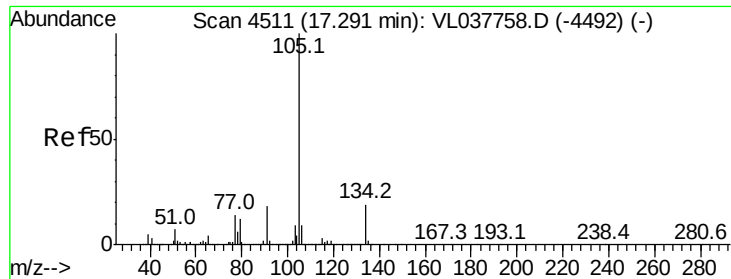
Reviewed By : Semsettin Yesilyurt 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021



#66
 Benzyl Chloride
 Concen: 10.562 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T.: -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 91 Resp: 234453
 Ion Ratio Lower Upper
 91 100
 126 17.7 0.0 0.0#
 128 7.6 5.3 7.9





#67

sec-Butylbenzene

Concen: 10.883 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31

Tot Ion:1

Ion Ratio

105 100

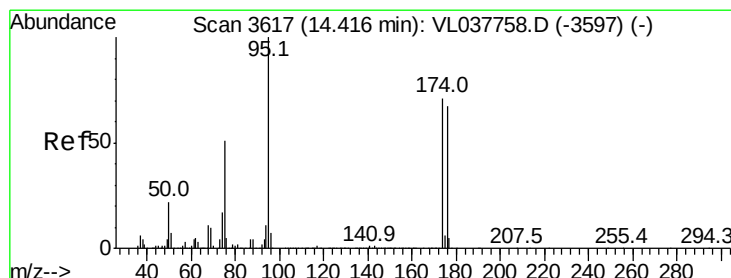
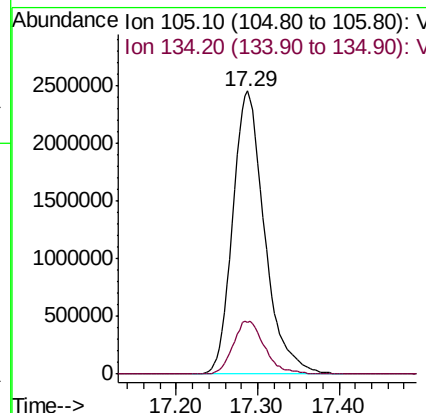
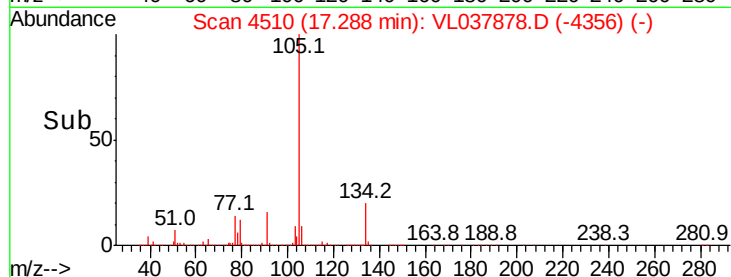
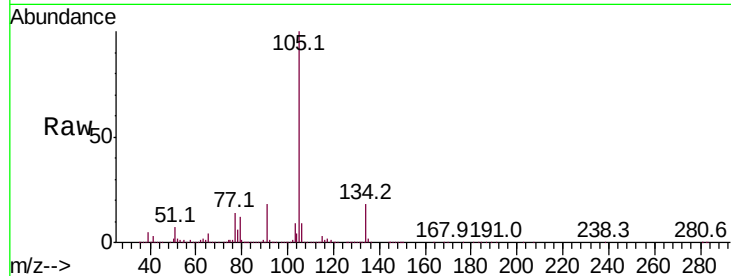
134 18.

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.187 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.01 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

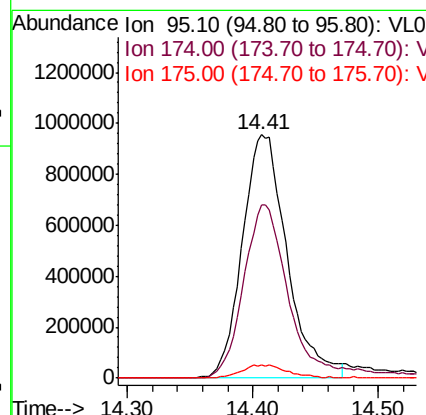
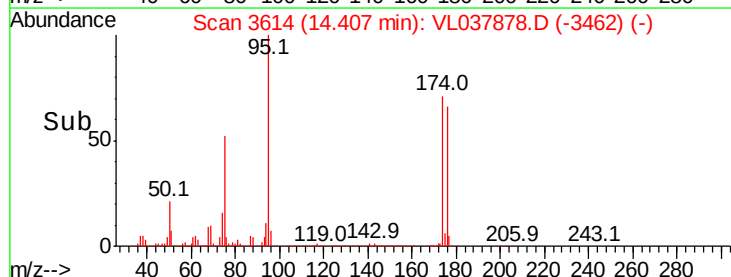
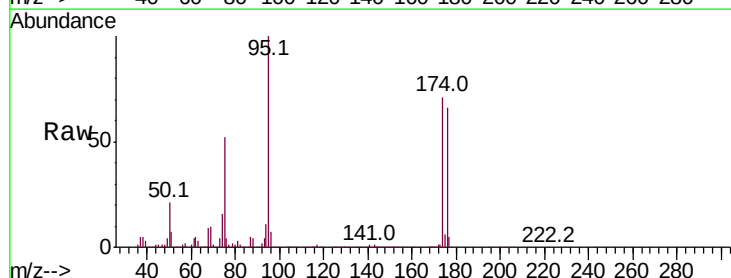
Tgt Ion: 95 Resp: 2363148

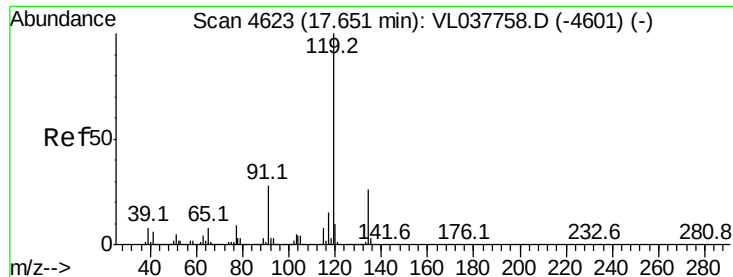
Ion Ratio Lower Upper

95 100

174 75.1 57.8 86.6

175 5.7 4.7 7.1



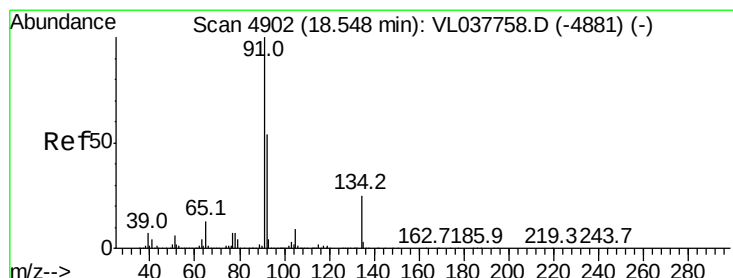
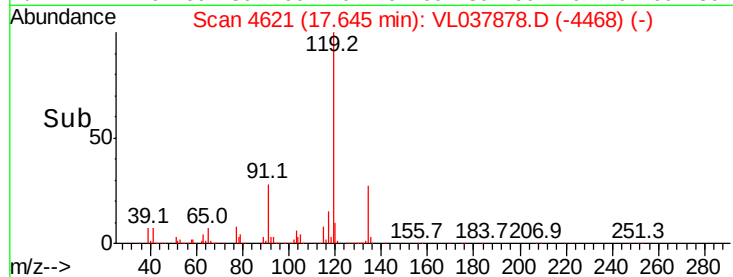
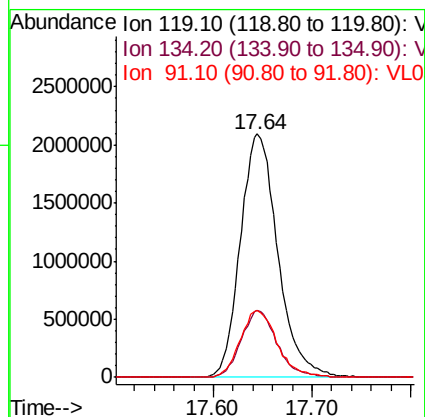
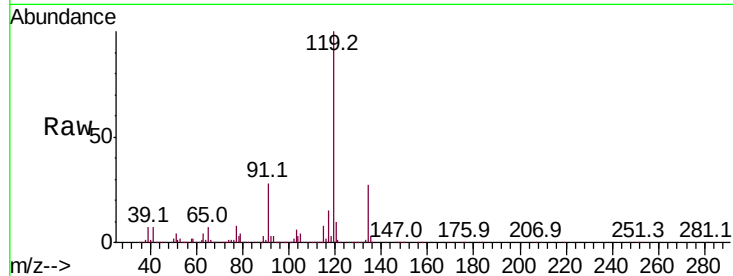


#69
 p-Isopropyltoluene
 Concen: 11.040 ppbv
 RT: 17.64 min
 Delta R.T.: MSVOA_1
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

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

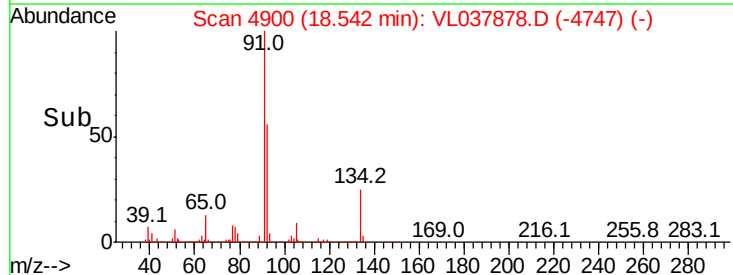
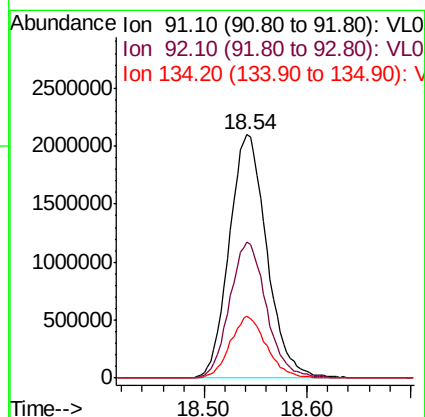
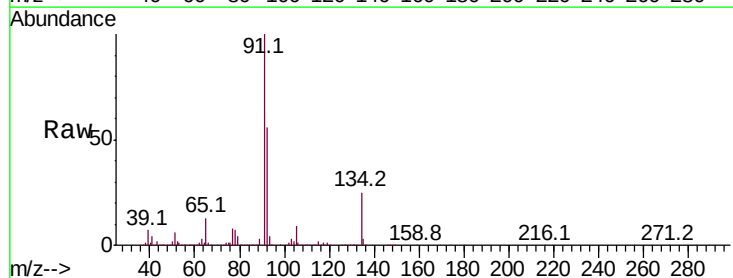
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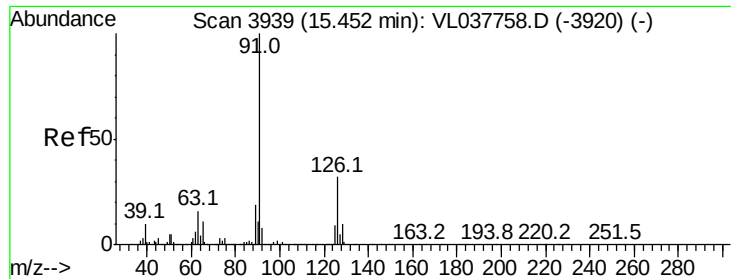
Reviewed By : Semsettin Yesilyurt 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021



#70
 n-Butylbenzene
 Concen: 11.226 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T.: -0.01 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 91 Resp: 5303998
 Ion Ratio Lower Upper
 91 100
 92 55.0 43.4 65.0
 134 24.6 19.8 29.6





#71

2-Chlorotoluene

Concen: 10.846 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 8:31

Tot Ion:

Ion Ratio

91 100

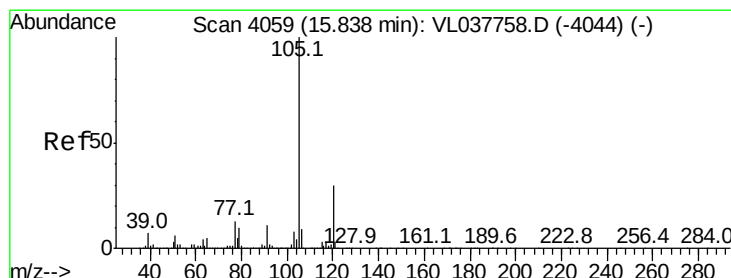
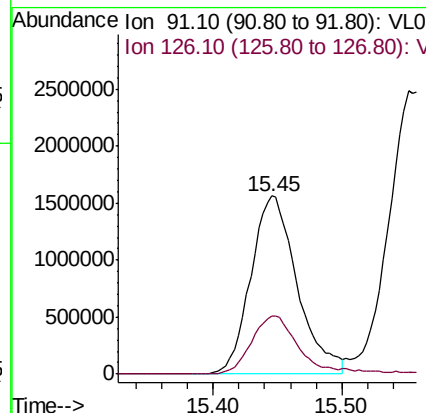
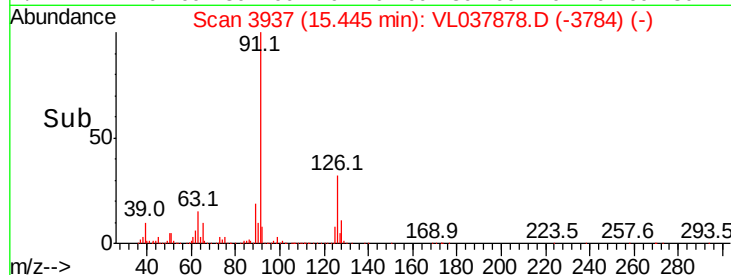
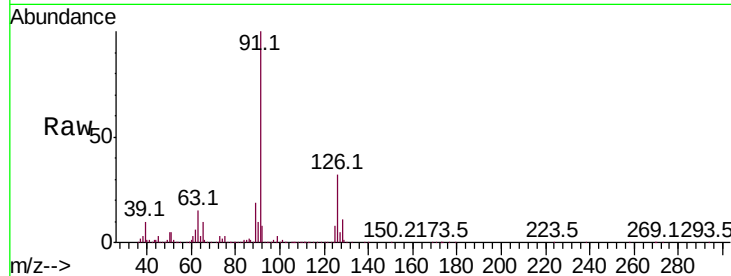
126 35.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#72

4-Ethyltoluene

Concen: 11.773 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. -0.01 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

Tgt Ion:105 Resp: 4898717

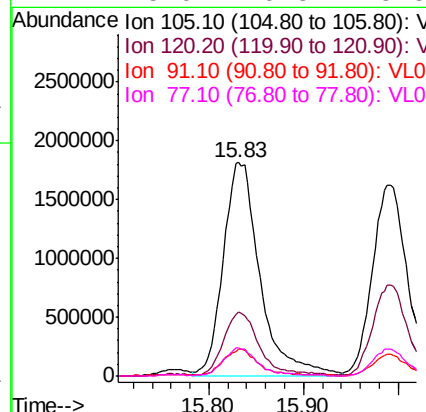
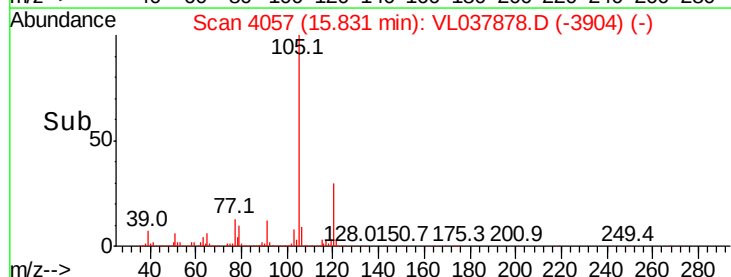
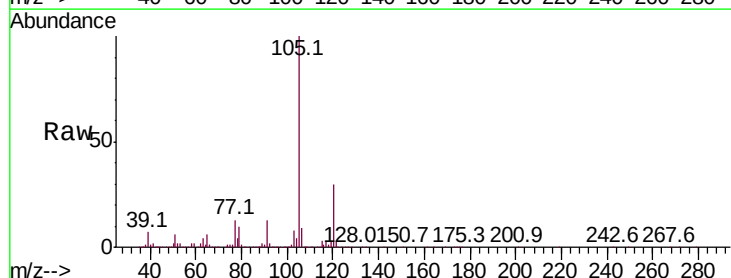
Ion Ratio Lower Upper

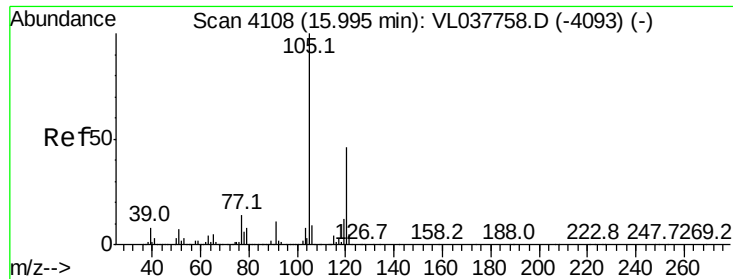
105 100

120 30.2 24.2 36.2

91 11.7 10.4 15.6

77 13.0 10.3 15.5





#73

1,3,5-Trimethylbenzene

Concen: 11.585 ppbv

RT: 15.99 min

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31

Tot Ion:1

Ion Ratio

105 100

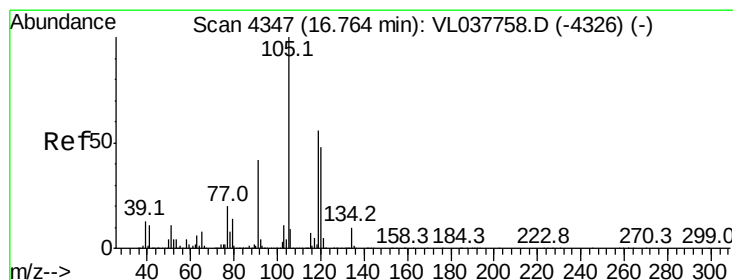
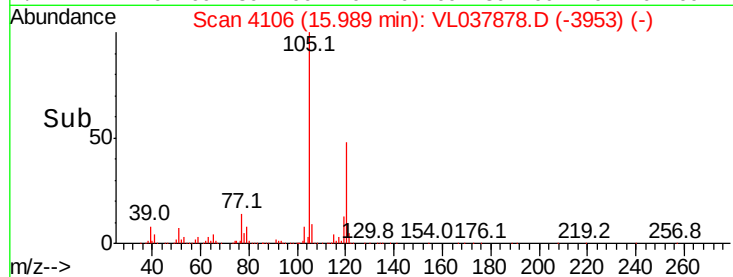
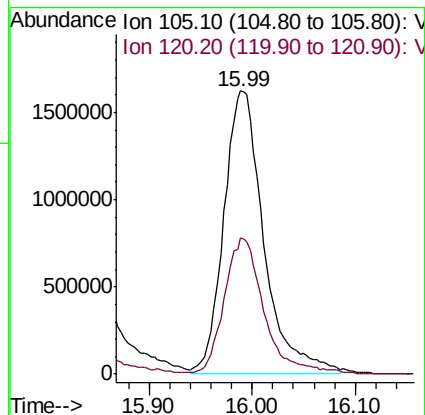
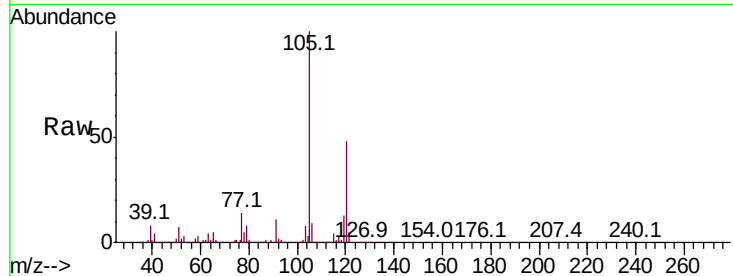
120 48.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#74

1,2,4-Trimethylbenzene

Concen: 11.156 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. -0.01 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

Tgt Ion:105 Resp: 4427668

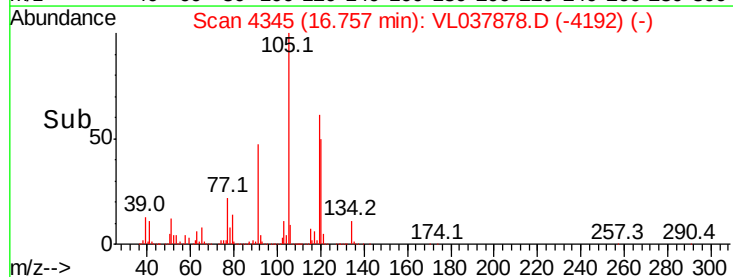
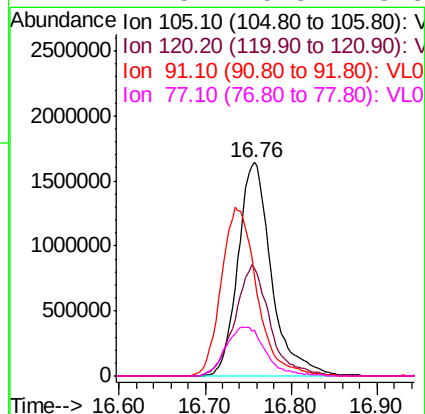
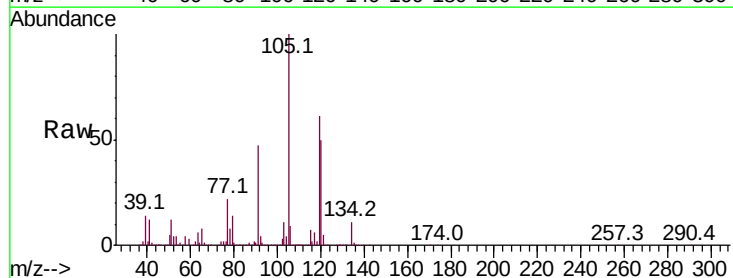
Ion Ratio Lower Upper

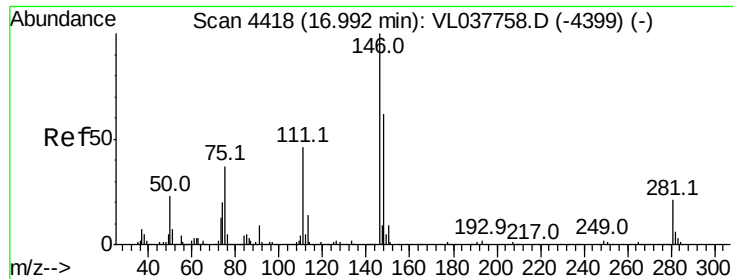
105 100

120 50.2 38.4 57.6

91 46.6 34.2 51.2

77 21.5 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 10.919 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 8:31

Tot Ion:1

Ion Ratio

146 100

111 45.

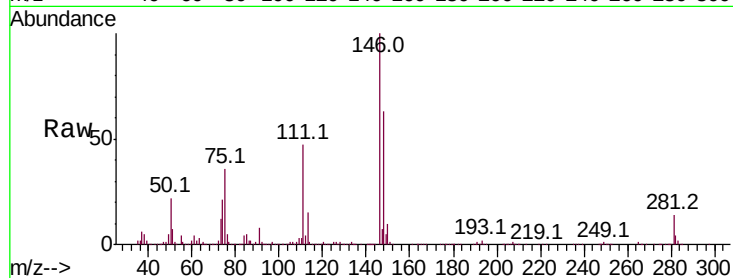
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

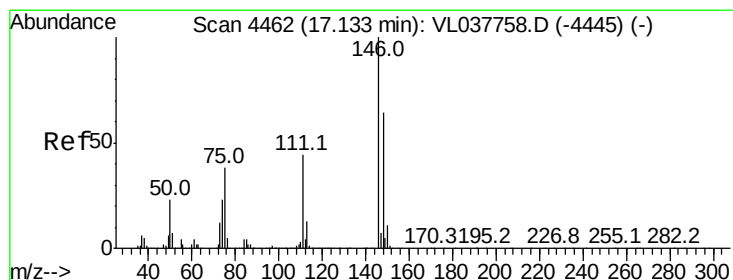
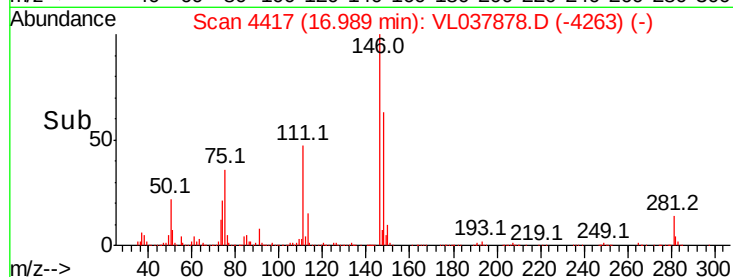
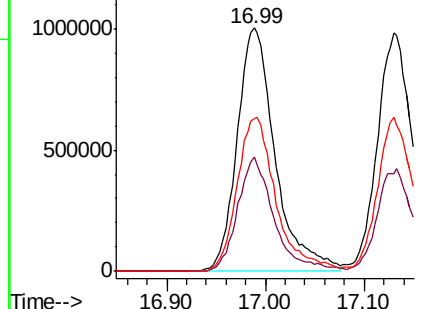
Supervised By :Mahesh Dadoda 10/25/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 11.039 ppbv

RT: 17.13 min Scan# 4461

Delta R.T. -0.00 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

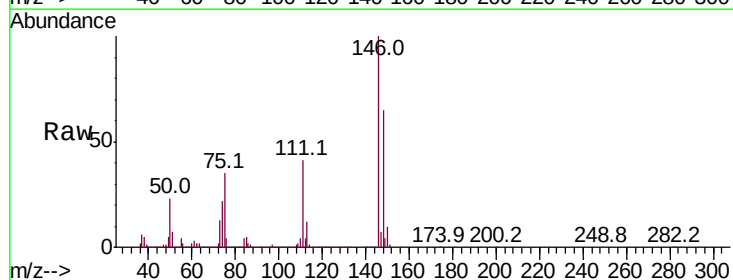
Tgt Ion:146 Resp: 2589555

Ion Ratio Lower Upper

146 100

111 43.9 22.4 67.3

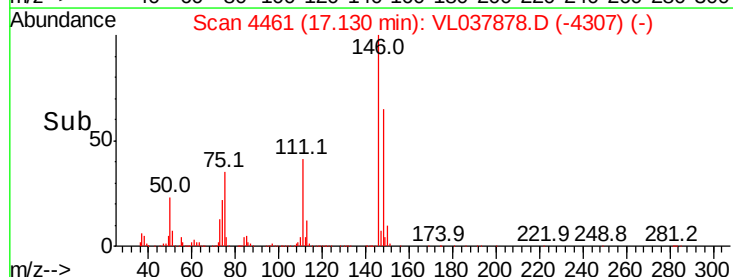
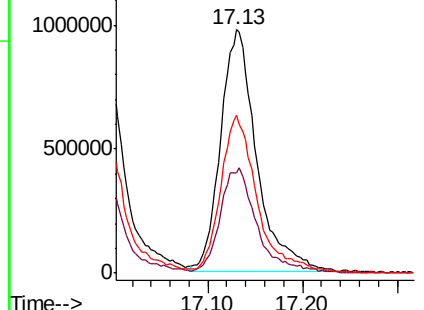
148 65.9 33.3 99.9

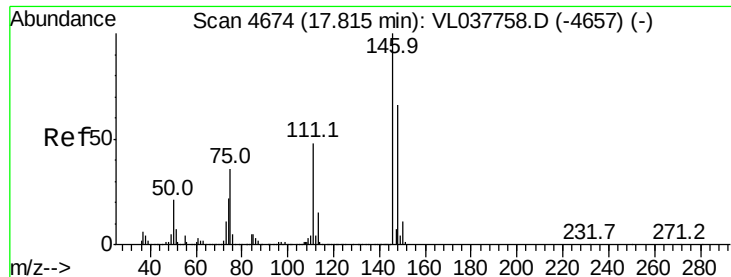


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 10.723 ppbv

RT: 17.81

Delta R.T. MSVOA_1

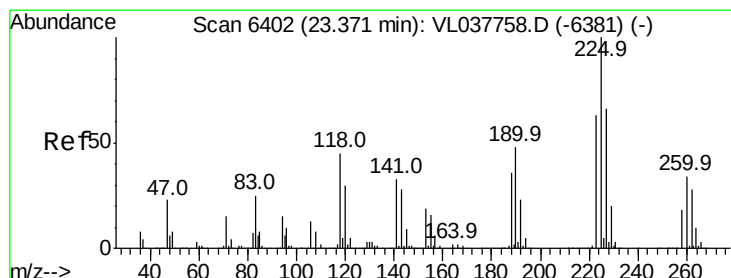
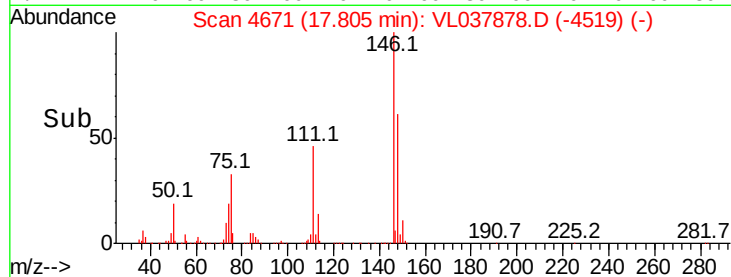
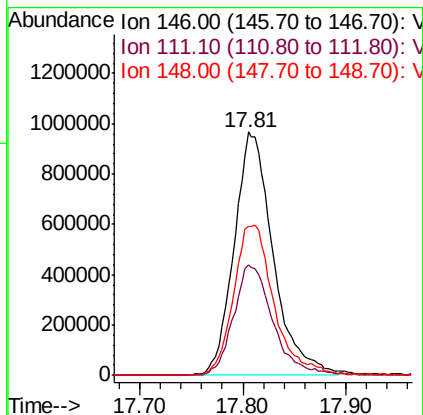
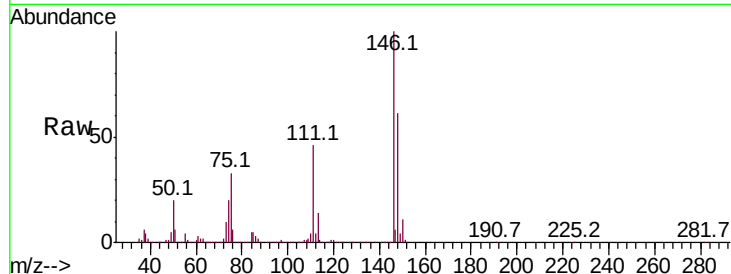
Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31

Tot Ion:1
Ion Rati
146 100
111 46.
148 64.

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



#78

Hexachloro-1,3-Butadiene

Concen: 9.404 ppbv

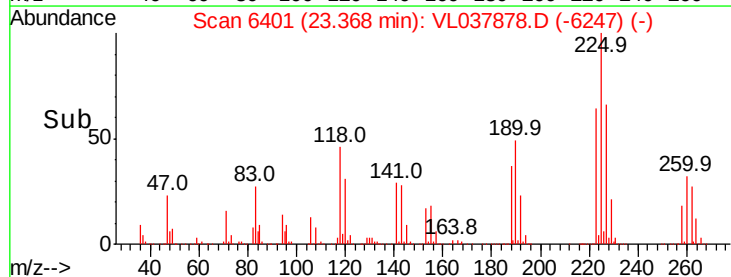
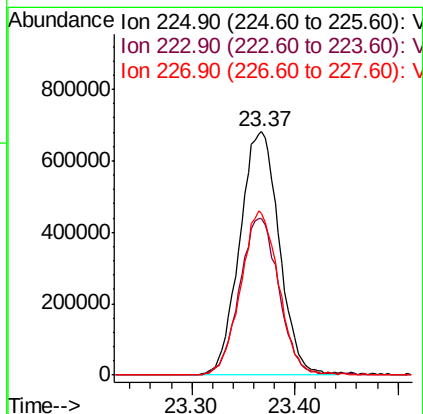
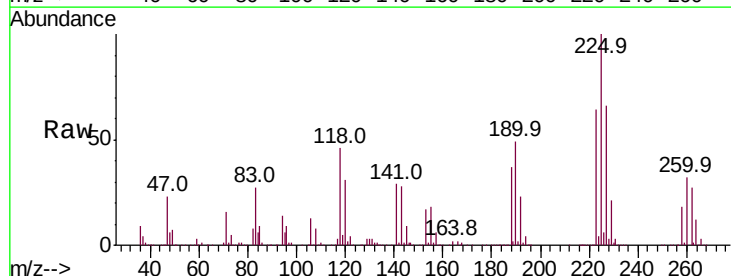
RT: 23.37 min Scan# 6401

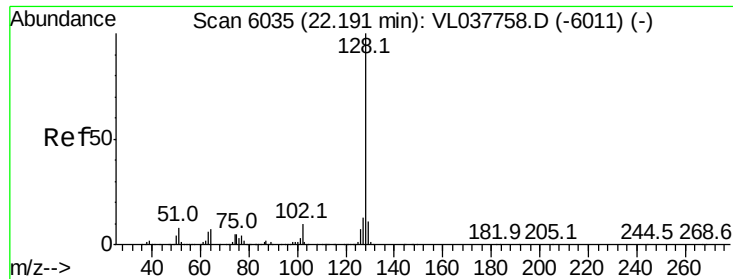
Delta R.T. -0.00 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

Tgt Ion:225 Resp: 1813702
Ion Ratio Lower Upper
225 100
223 64.3 51.2 76.8
227 65.1 51.1 76.7



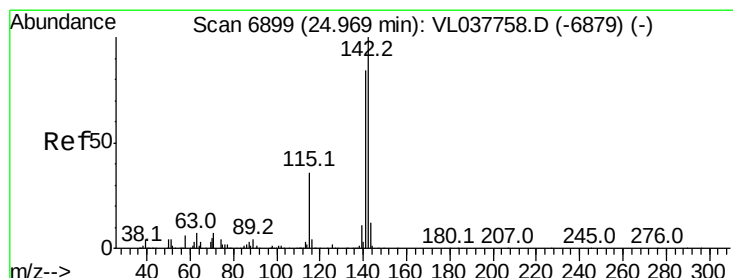
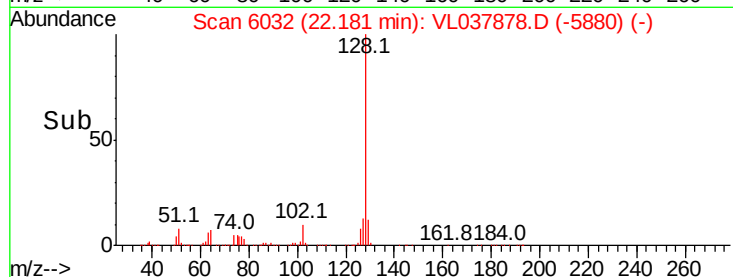
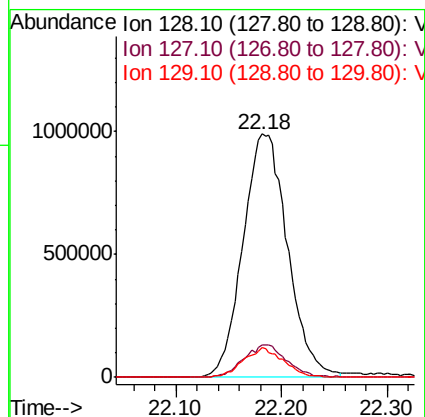
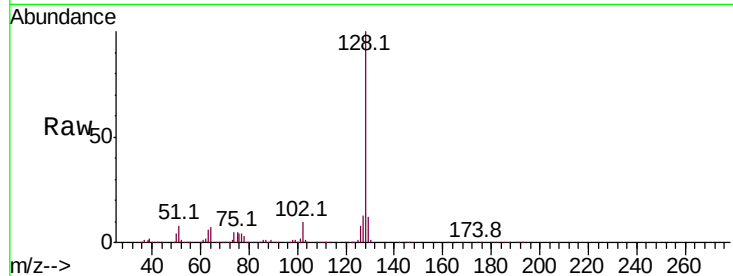


#79
Naphthalene
Concen: 11.918 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Oct 2021 8:31
VSTDCCC010

Tot Ion:1
Ion Rati
128 100
127 13.
129 12.

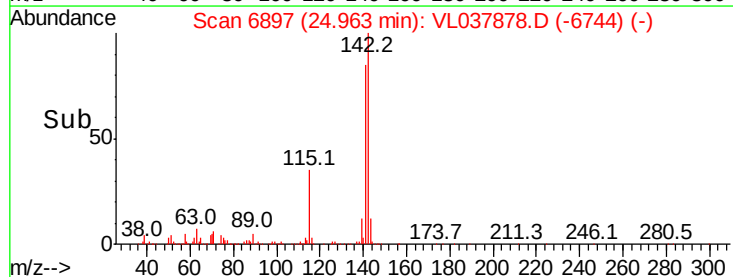
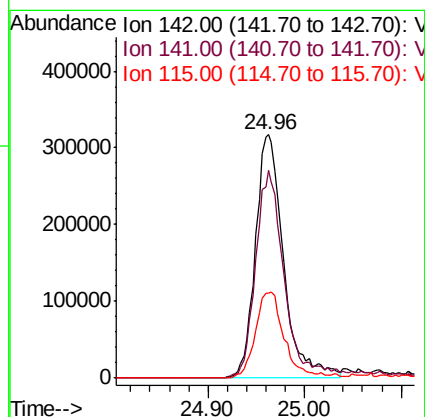
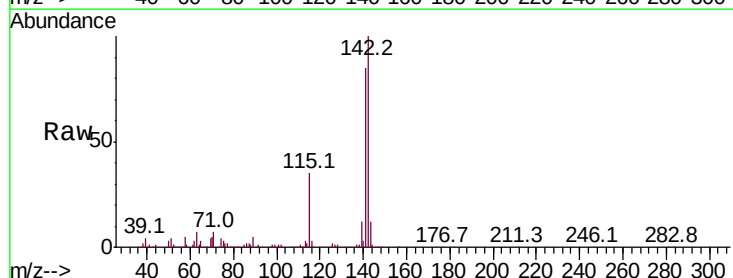
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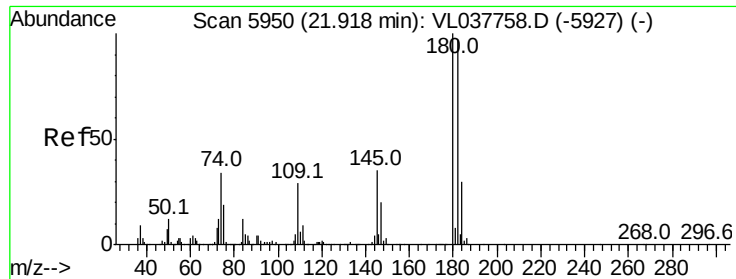
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#80
Naphthalene, 2-methyl-
Concen: 9.820 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. -0.01 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion:142 Resp: 640920
Ion Ratio Lower Upper
142 100
141 87.1 68.6 102.8
115 36.8 29.0 43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 11.332 ppbv m
 RT: 21.92
 Delta R.T
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

Tot Ion:1
 Ion Rati
 180 100
 182 0.
 184 0.

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

