

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038009.D
 Acq On : 10 Nov 2021 14:12
 Operator : SY/AP
 Sample : VL1110ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL1110ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/11/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 11 04:43:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1536132	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4495337	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4289954m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3129032	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2745625	12.686	ppbv 96
3) Chlorodifluoromethane	2.99	51	2502051	8.749	ppbv 99
4) Chloromethane	3.15	50	948671	8.729	ppbv 97
5) Vinyl Chloride	3.26	62	959426	9.160	ppbv 99
6) Bromomethane	3.47	94	525480	9.287	ppbv 99
7) Chloroethane	3.56	64	340099	8.995	ppbv 98
8) Dichlorotetrafluoroethane	3.19	85	2182981	8.756	ppbv 98
9) Propene	3.02	41	902367	8.801	ppbv 96
10) Heptane	8.11	43	2280200	9.559	ppbv 100
11) Trichlorofluoromethane	3.95	101	1975111	9.165	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1498297	8.918	ppbv 100
13) Ethanol	3.61	45	91727m	8.868	ppbv
14) Bromoethene	3.74	108	683940	9.306	ppbv 98
15) Acetone	3.85	43	1123634	8.852	ppbv 98
16) 1,3-Butadiene	3.33	39	911180	9.110	ppbv 99
17) tert-Butyl alcohol	4.29	59	1161747	8.802	ppbv 100
18) 1,1-Dichloroethene	4.29	96	678115	8.770	ppbv 97
19) Isopropyl Alcohol	3.96	45	680272	8.381	ppbv # 96
20) Methylene Chloride	4.34	84	580495	8.330	ppbv 92
21) Allyl Chloride	4.41	41	1137867	9.715	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	708951	9.227	ppbv 92
23) Vinyl Acetate	5.07	43	2090317	10.937	ppbv 100
24) 1,1-Dichloroethane	5.01	63	1531567	9.699	ppbv 99
25) Ethyl Acetate	5.67	43	3556246	9.433	ppbv 100
26) Hexane	5.69	57	1675597	9.380	ppbv 99
27) Carbon Disulfide	4.55	76	1724127	9.777	ppbv 98
28) Methyl tert-Butyl Ether	5.03	73	1743384	11.609	ppbv 98
29) Chloroform	5.75	83	2374385	8.913	ppbv 100
30) Cyclohexane	7.13	84	1390224	9.104	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1543352	9.470	ppbv 97
32) 1,1,1-Trichloroethane	6.51	97	2283453	8.721	ppbv 99
34) 2-Butanone	5.24	43	1558487	9.356	ppbv 100
35) Carbon Tetrachloride	7.01	117	2381302	8.762	ppbv 98
36) Benzene	6.89	78	3460558	9.453	ppbv 99
37) 1,2-Dichloroethane	6.30	62	1672364	9.609	ppbv 99
38) Trichloroethene	7.83	130	1362192	8.965	ppbv 95
39) 1,2-Dichloropropane	7.61	63	1333845	9.683	ppbv 97
40) 1,4-Dioxane	7.83	88	342889	9.452	ppbv 93
41) Tetrahydrofuran	6.05	42	842423	10.336	ppbv 97
42) Bromodichloromethane	7.79	83	2502297	9.509	ppbv 98
43) Methyl Methacrylate	8.01	69	1241629	10.333	ppbv 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038009.D
 Acq On : 10 Nov 2021 14:12
 Operator : SY/AP
 Sample : VL1110ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL1110ABS01

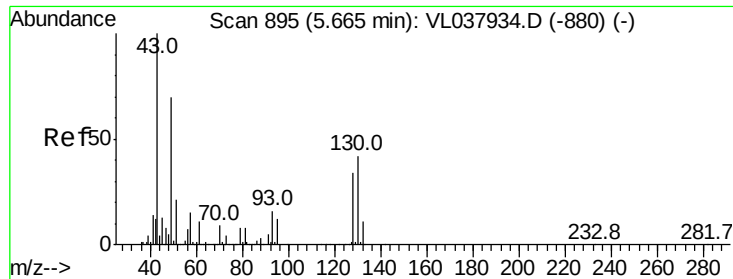
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 11 04:43:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5854660	9.403	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1018178	11.532	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	1359254	11.197	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	1408917	9.104	ppbv	96
48) Dibromochloromethane	10.30	129	2178379	9.942	ppbv	98
49) Bromoform	13.03	173	1773975	10.242	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	2181708	9.969	ppbv	98
51) 2-Hexanone	10.13	43	939883	10.190	ppbv	98
52) Tetrachloroethene	11.21	164	1252152	9.016	ppbv	99
53) Toluene	9.80	91	3972684	10.122	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1930658	9.673	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.11	131	1518699	8.768	ppbv	97
57) Chlorobenzene	12.14	112	2855165	8.338	ppbv	97
58) Ethyl Benzene	12.70	91	5025823	9.580	ppbv	98
59) m/p-Xylene	12.99	91	8306345m	17.813	ppbv	
60) o-Xylene	13.68	91	3927135	8.933	ppbv	98
61) Styrene	13.52	104	2151399	10.655	ppbv	99
62) Isopropylbenzene	14.66	105	5368310	8.624	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	2698507	7.131	ppbv	100
64) n-propylbenzene	15.55	120	1395634	8.750	ppbv	100
65) tert-Butylbenzene	16.73	119	4493786	8.168	ppbv	99
66) Benzyl Chloride	16.98	91	294754	10.253	ppbv	99
67) sec-Butylbenzene	17.28	105	6260977	8.260	ppbv	100
69) p-Isopropyltoluene	17.64	119	5157101	8.482	ppbv	100
70) n-Butylbenzene	18.54	91	4967921	8.892	ppbv	100
71) 2-Chlorotoluene	15.44	91	3865153	8.862	ppbv	99
72) 4-Ethyltoluene	15.83	105	4530072	8.994	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	4019865	8.523	ppbv	98
74) 1,2,4-Trimethylbenzene	16.75	105	4061229	8.219	ppbv #	92
75) 1,3-Dichlorobenzene	16.99	146	2437243	7.922	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2398038	8.055	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	2326861	8.055	ppbv	100
78) Hexachloro-1,3-Butadiene	23.36	225	1872278	7.572	ppbv	100
79) Naphthalene	22.18	128	3079455	10.817	ppbv	99
80) Naphthalene,2-methyl-	24.96	142	438925	7.920	ppbv	98
81) 1,2,4-Trichlorobenzene	21.91	180	1727915	9.325	ppbv	99

(#) = 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: VL1110ABS01

Acq: 10 Nov 2021 14:12

Tot Ion:

Ion Ratio

49 100

128 53.

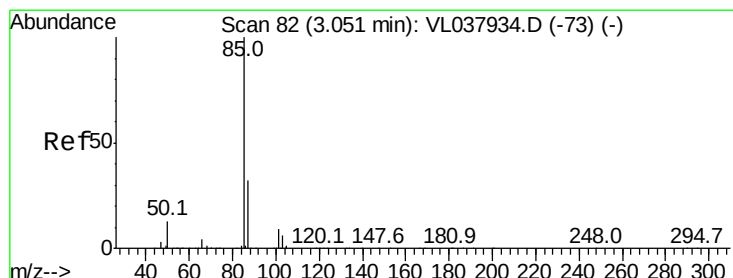
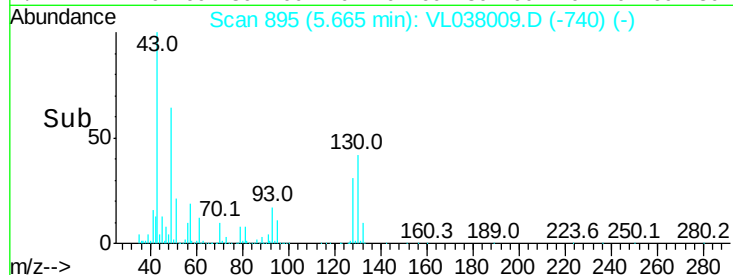
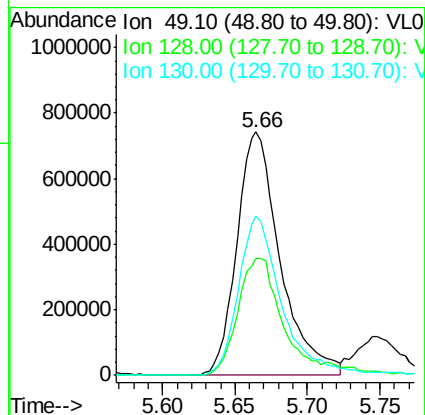
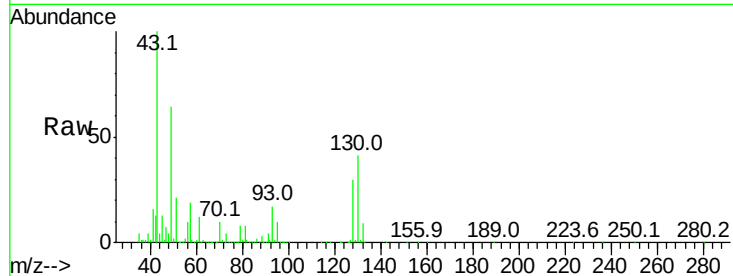
130 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#2

Dichlorodifluoromethane

Concen: 12.686 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL038009.D

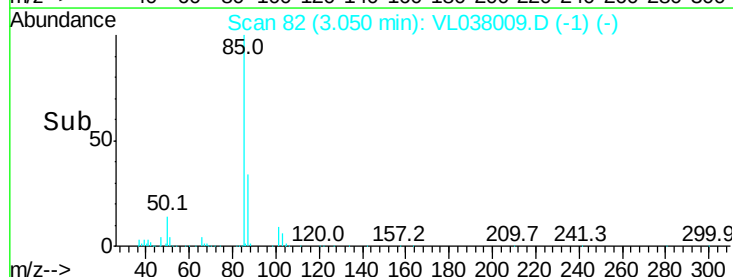
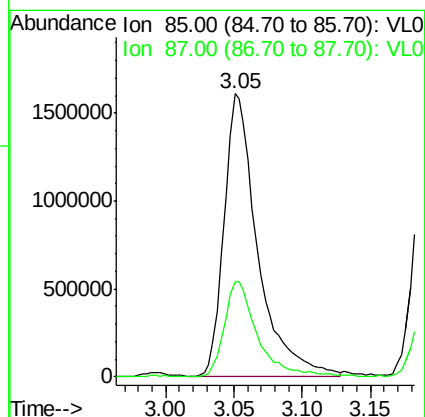
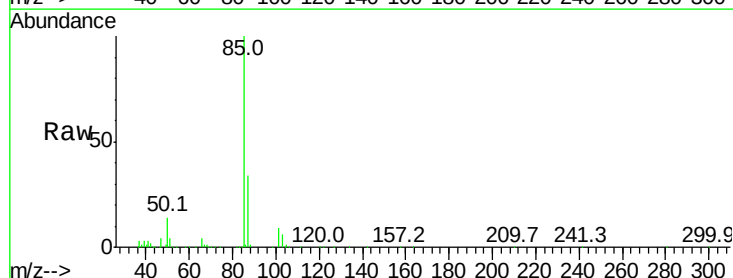
Acq: 10 Nov 2021 14:12

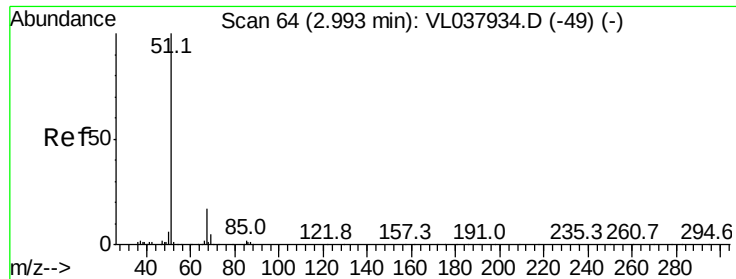
Tgt Ion: 85 Resp: 2745625

Ion Ratio Lower Upper

85 100

87 33.6 25.3 37.9





#3

Chlorodifluoromethane

Concen: 8.749 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL1110ABS01

Acq: 10 Nov 2021 14:12

Tot Ion:

Ion Ratio

51 100

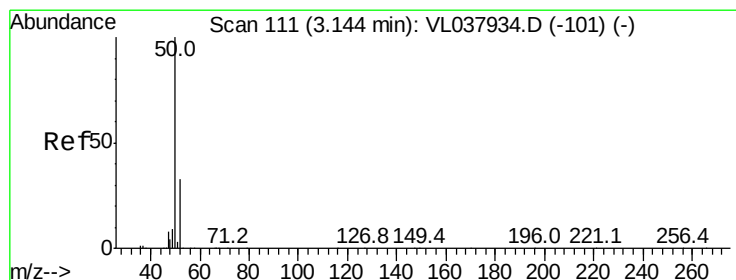
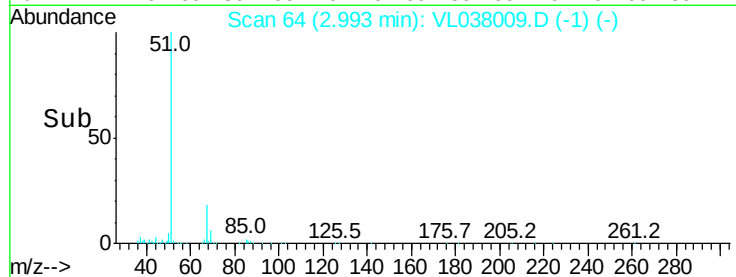
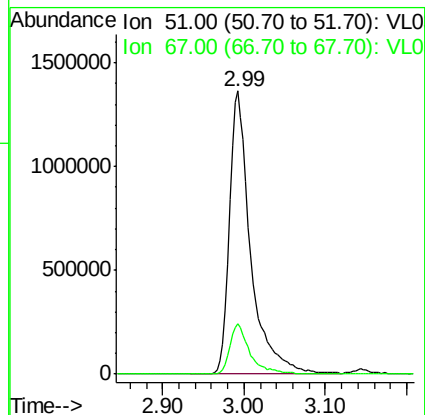
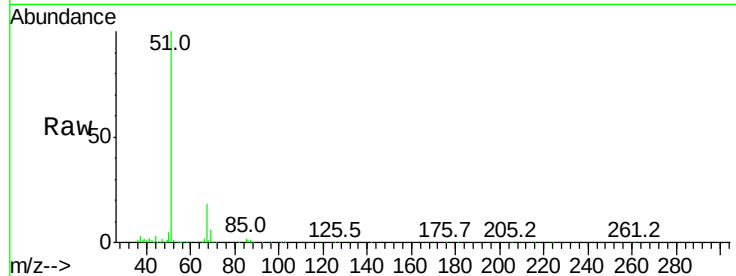
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#4

Chloromethane

Concen: 8.729 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL038009.D

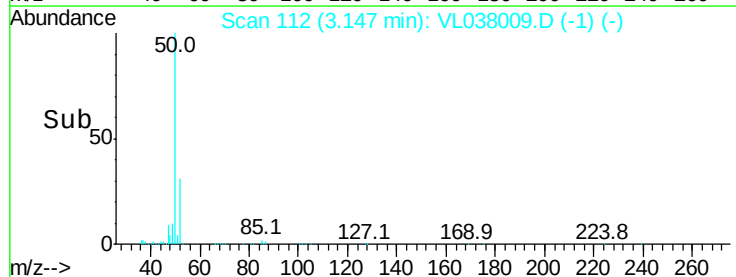
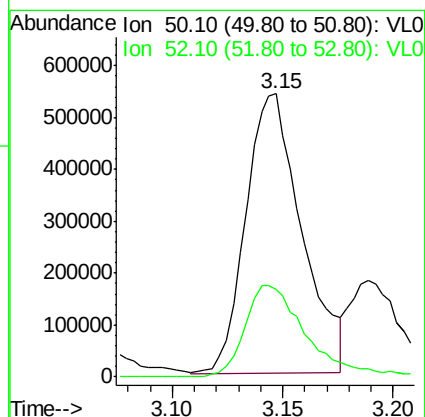
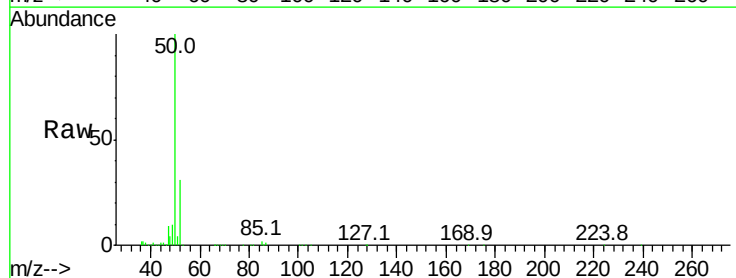
Acq: 10 Nov 2021 14:12

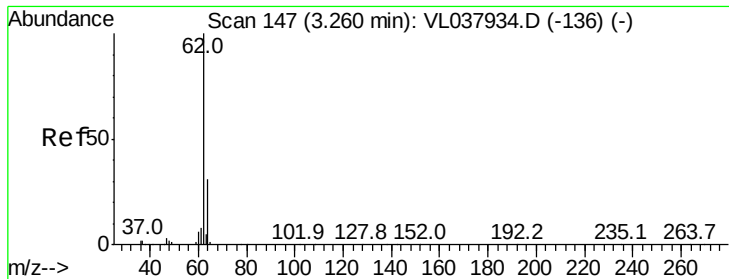
Tgt Ion: 50 Resp: 948671

Ion Ratio Lower Upper

50 100

52 31.4 26.3 39.5





#5

Vinyl Chloride

Concen: 9.160 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Nov 2021 14:12 VL1110ABS01

Tot Ion:

Ion Ratio

62 100

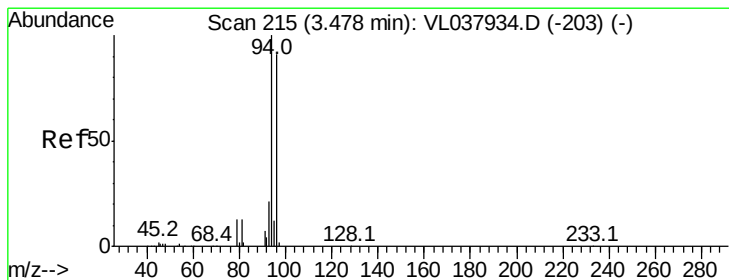
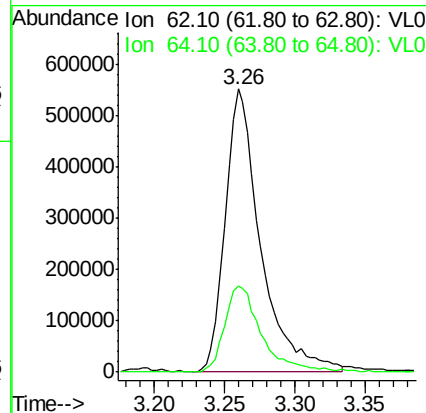
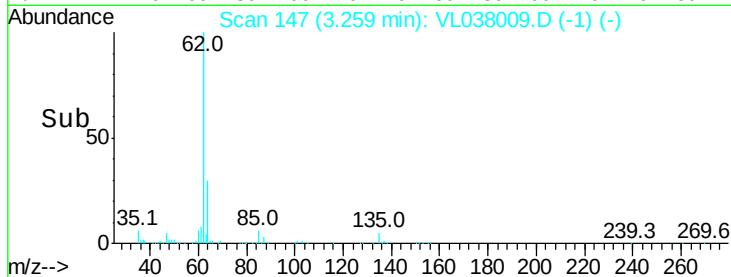
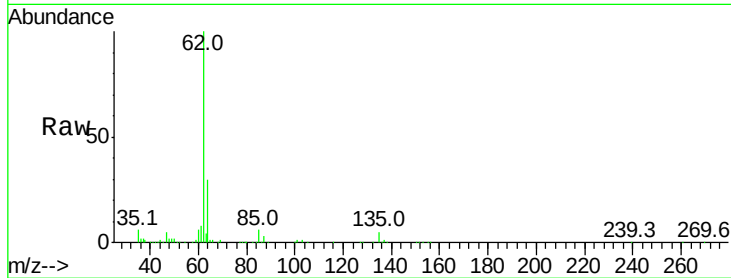
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#6

Bromomethane

Concen: 9.287 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL038009.D

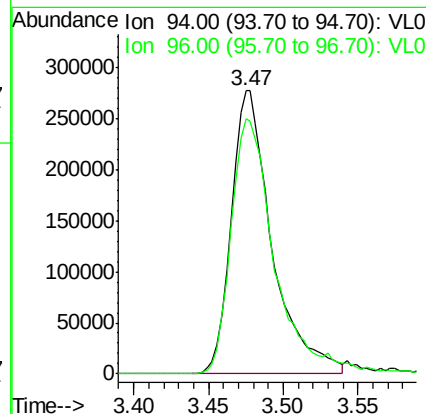
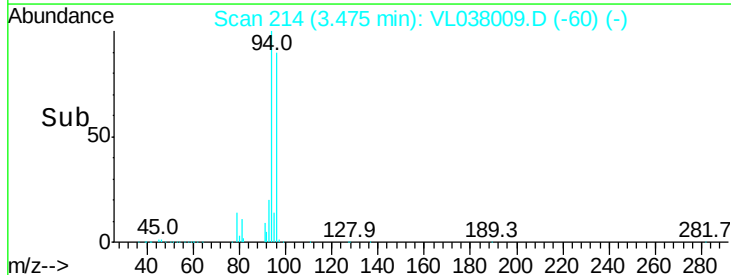
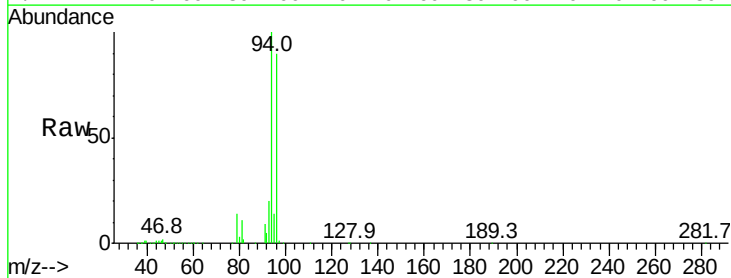
Acq: 10 Nov 2021 14:12

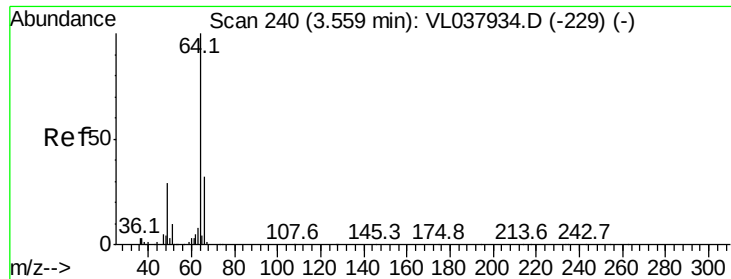
Tgt Ion: 94 Resp: 525480

Ion Ratio Lower Upper

94 100

96 90.2 73.0 109.4





#7

Chloroethane

Concen: 8.995 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1110ABS01

Acq: 10 Nov 2021 14:12

Tot Ion:

Ion Ratio

64 100

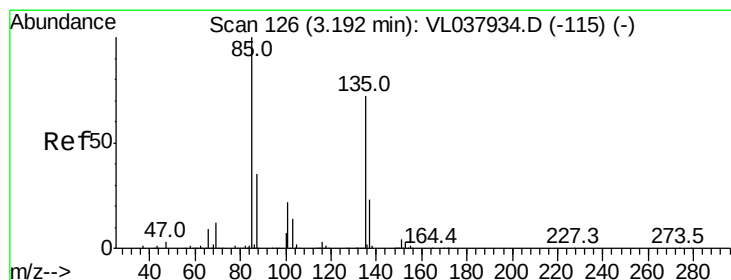
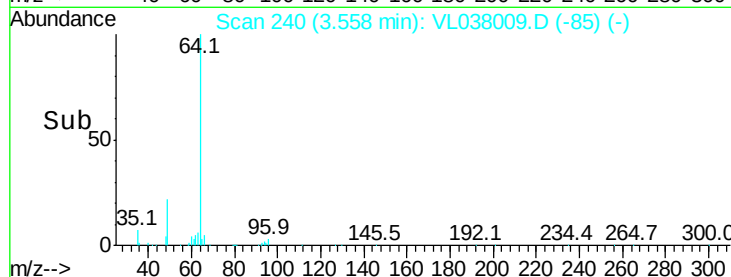
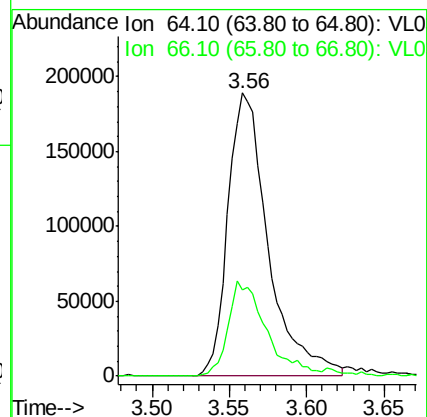
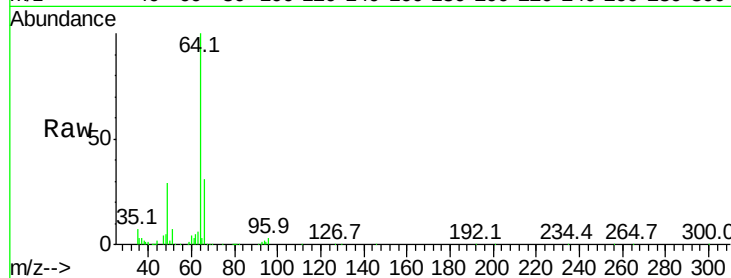
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#8

Dichlorotetrafluoroethane

Concen: 8.756 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.00 min

Lab File: VL038009.D

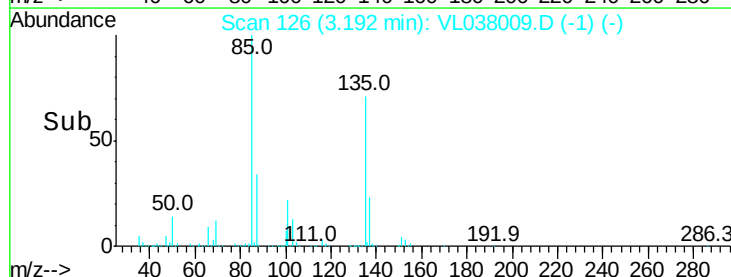
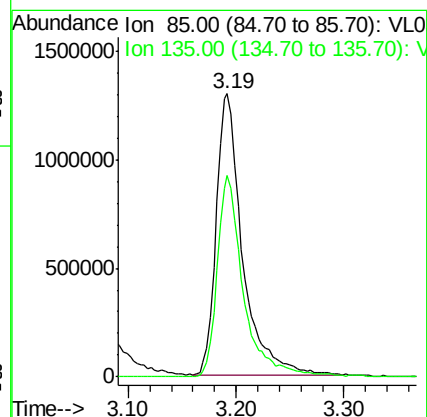
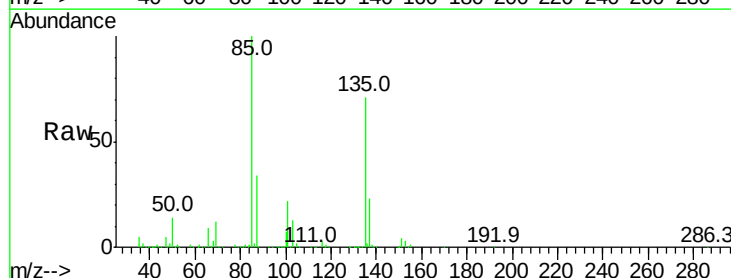
Acq: 10 Nov 2021 14:12

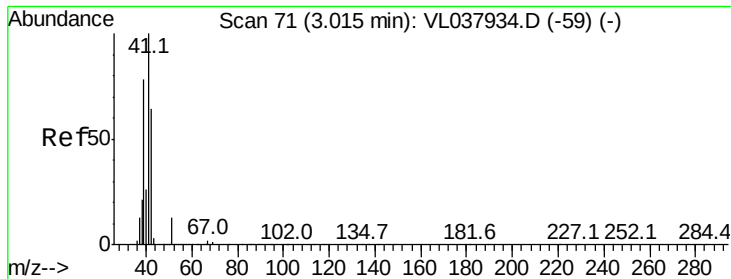
Tgt Ion: 85 Resp: 2182981

Ion Ratio Lower Upper

85 100

135 72.1 58.8 88.2





#9

Propene

Concen: 8.801 ppbv

RT: 3.02 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 14:12 VL1110ABS01

Tot Ion:

Ion Ratio

41 100

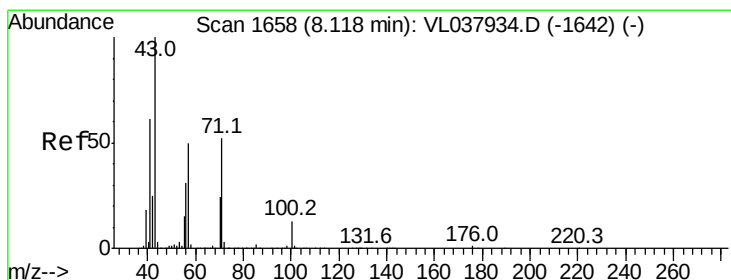
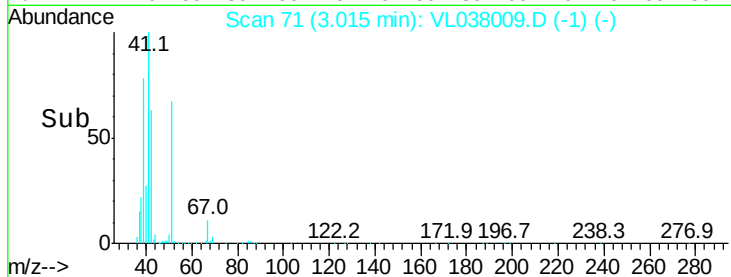
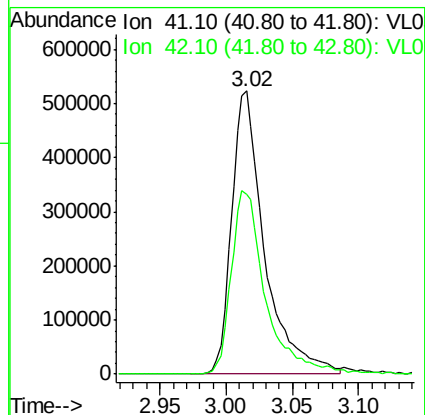
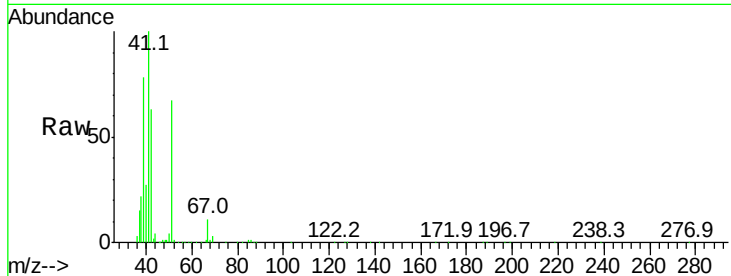
42 68.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#10

Heptane

Concen: 9.559 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VL038009.D

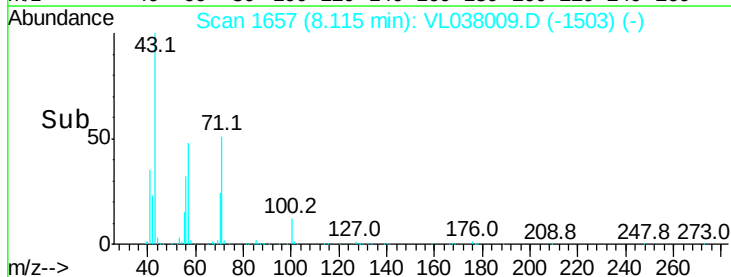
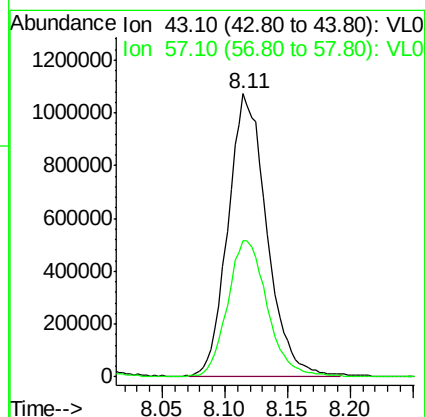
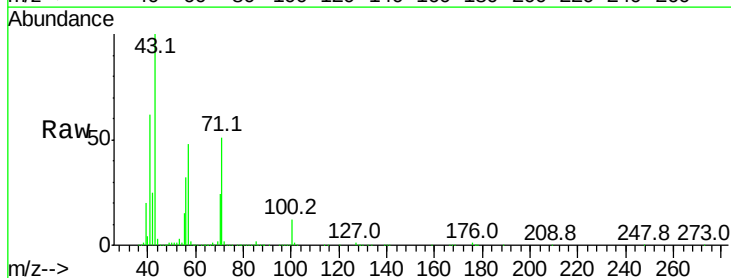
Acq: 10 Nov 2021 14:12

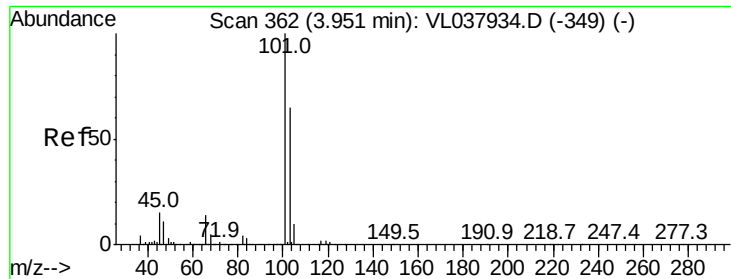
Tgt Ion: 43 Resp: 2280200

Ion Ratio Lower Upper

43 100

57 50.0 39.8 59.8



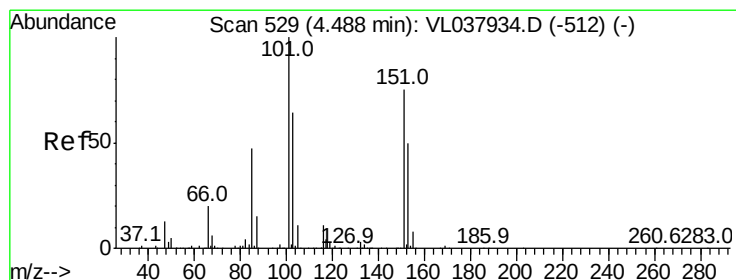
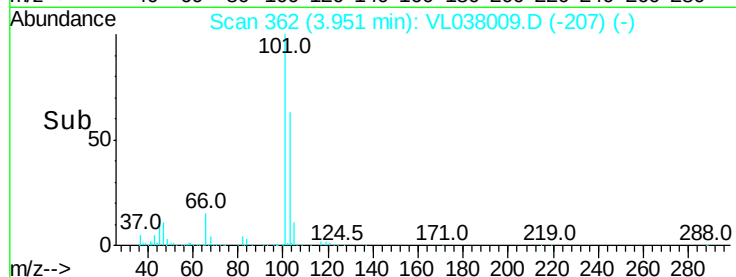
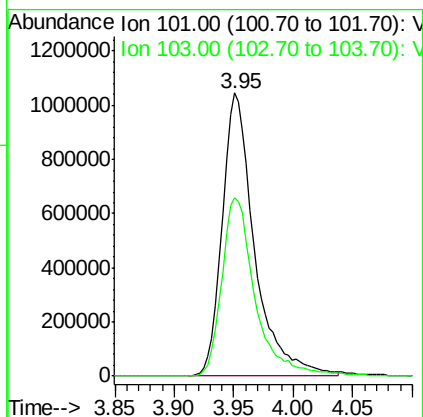
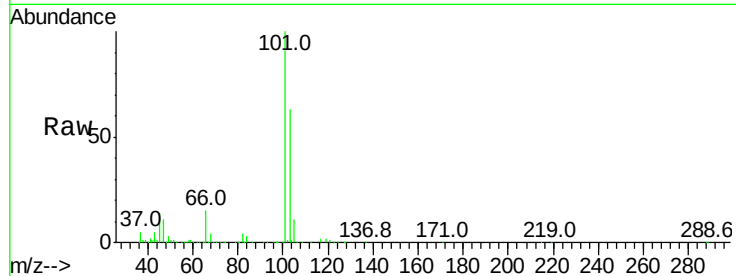


#11
 Trichlorofluoromethane
 Concen: 9.165 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1110ABS01
 Acq: 10 Nov 2021 14:12

Tot Ion:1
 Ion Rati
 101 100
 103 63.

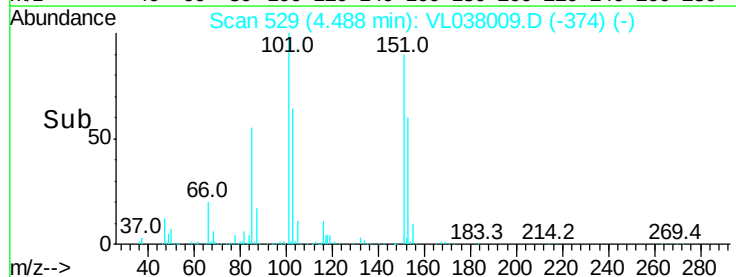
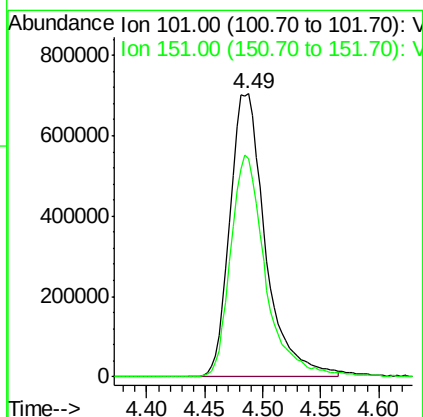
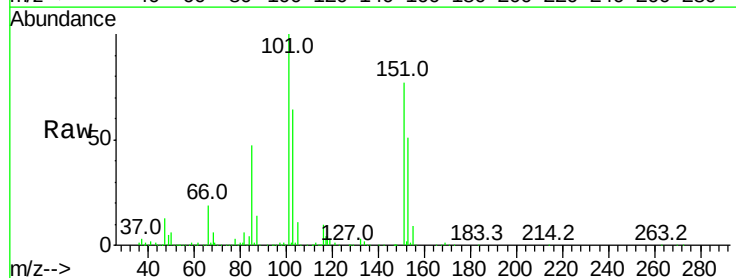
Manual Integrations
 APPROVED

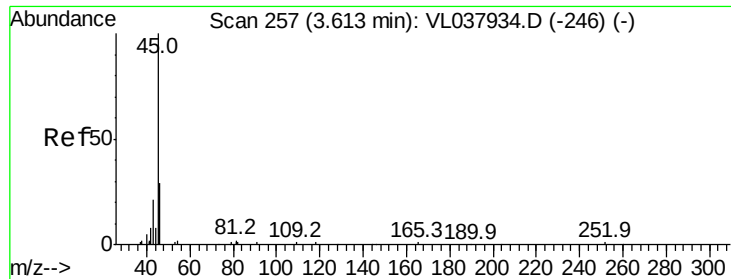
Reviewed By :Semsettin Yesilyurt 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.918 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion:101 Resp: 1498297
 Ion Ratio Lower Upper
 101 100
 151 77.0 61.8 92.8



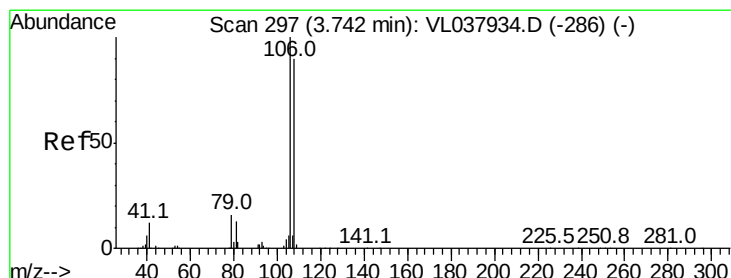
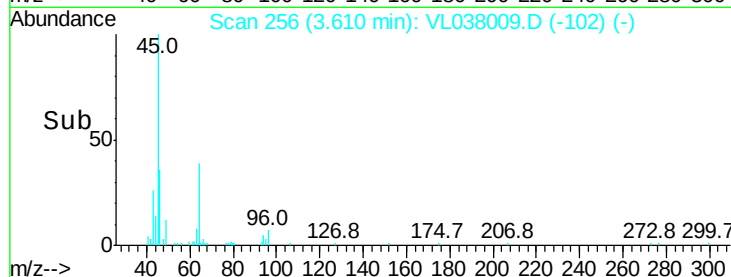
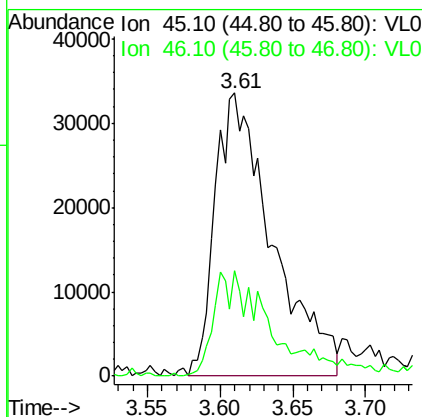
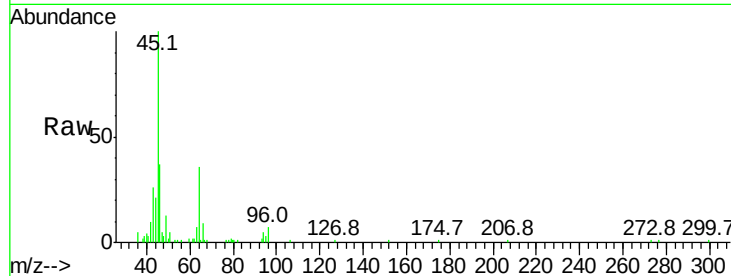


#13
 Ethanol
 Concen: 8.868 ppbv m
 RT: 3.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1110ABS01
 Acq: 10 Nov 2021 14:12

Tot Ion:
 Ion Rati
 45 100
 46 37.

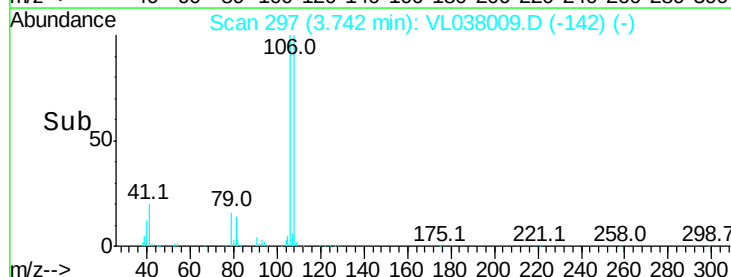
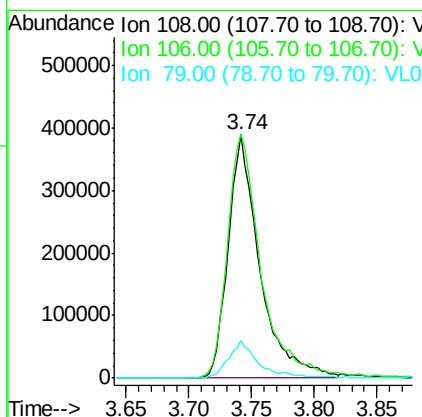
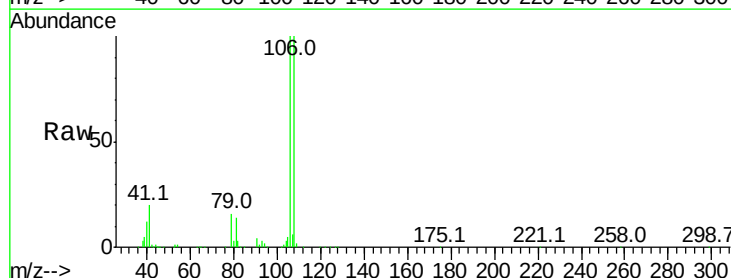
Manual Integrations
 APPROVED

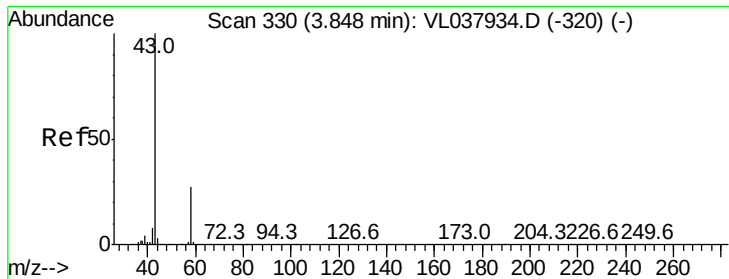
Reviewed By :Semsettin Yesilyurt 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#14
 Bromoethene
 Concen: 9.306 ppbv
 RT: 3.74 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion:108 Resp: 683940
 Ion Ratio Lower Upper
 108 100
 106 108.1 88.4 132.6
 79 15.0 12.4 18.6





#15

Acetone

Concen: 8.852 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Nov 2021 14:12

Tot Ion:

Ion Ratio

43 100

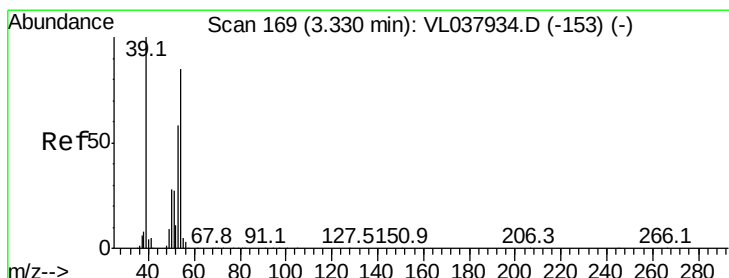
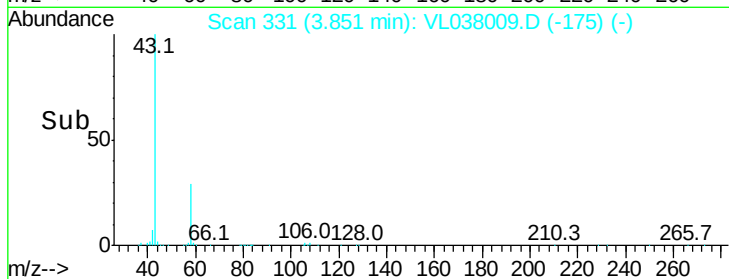
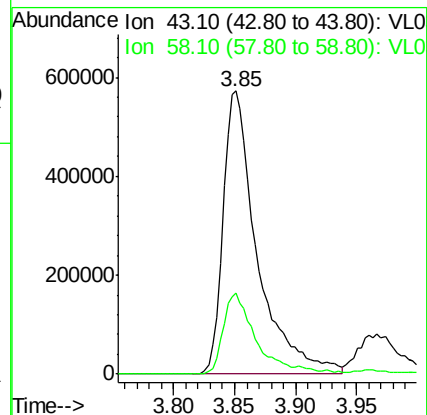
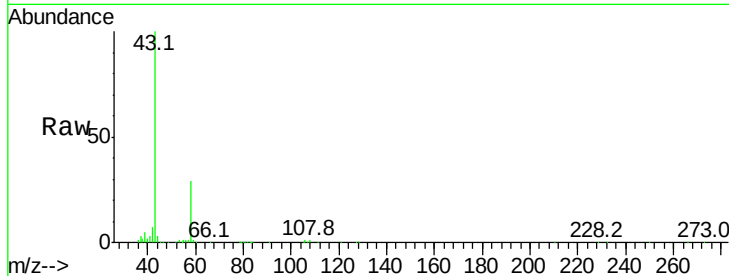
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#16

1,3-Butadiene

Concen: 9.110 ppbv

RT: 3.33 min Scan# 169

Delta R.T. -0.00 min

Lab File: VL038009.D

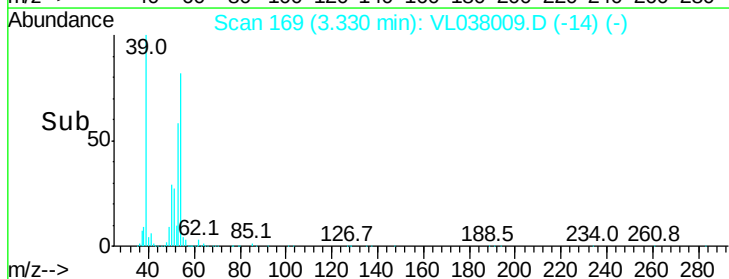
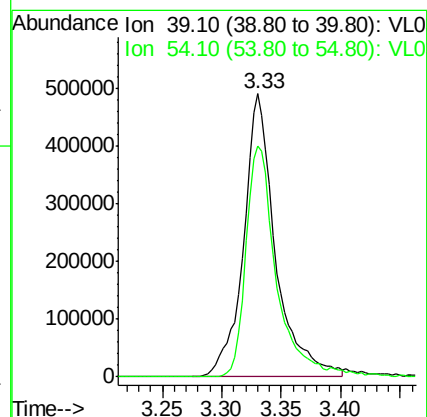
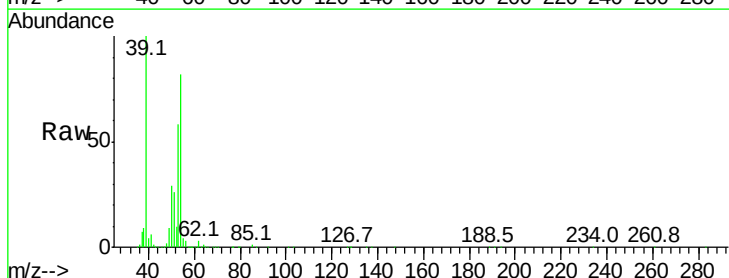
Acq: 10 Nov 2021 14:12

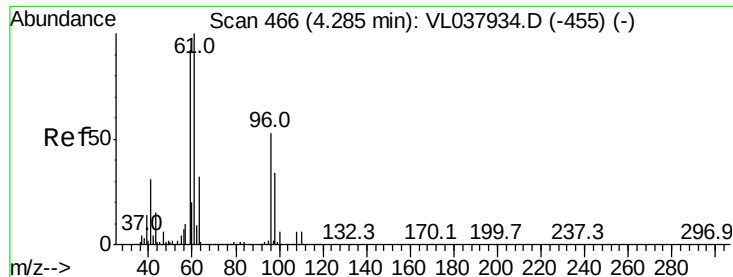
Tgt Ion: 39 Resp: 911180

Ion Ratio Lower Upper

39 100

54 79.4 62.6 93.8





#17

tert-Butyl alcohol

Concen: 8.802 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1110ABS01

Acq: 10 Nov 2021 14:12

Tot Ion:

Ion Ratio

59 100

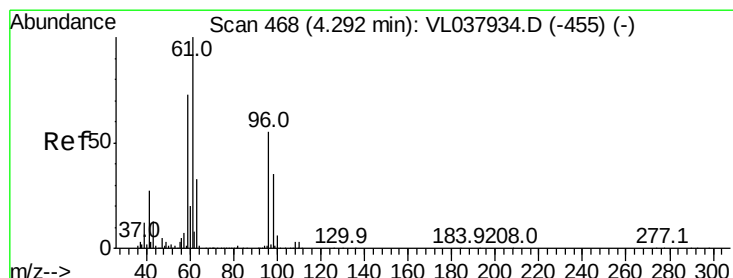
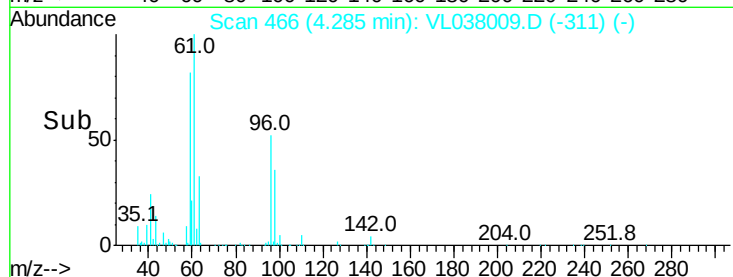
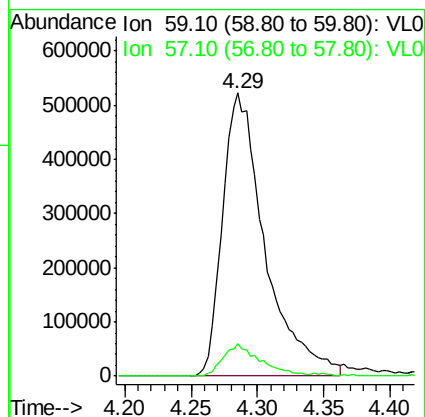
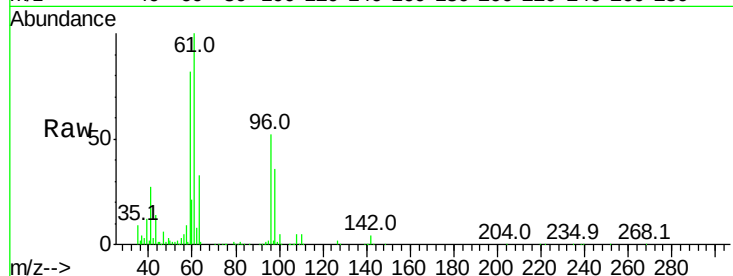
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#18

1,1-Dichloroethene

Concen: 8.770 ppbv

RT: 4.29 min Scan# 467

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

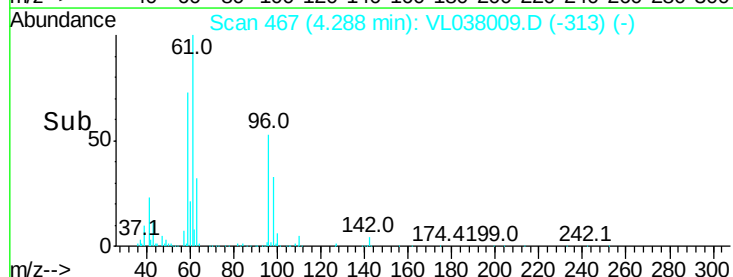
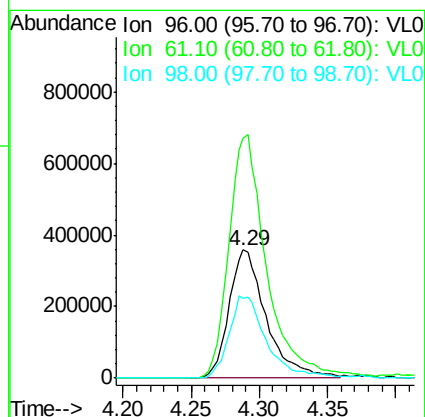
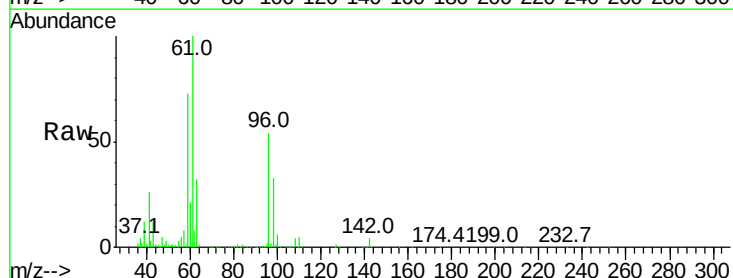
Tgt Ion: 96 Resp: 678115

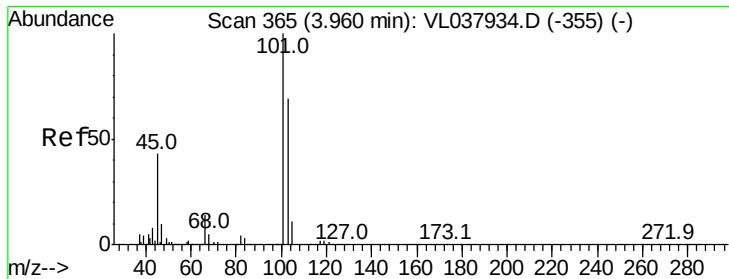
Ion Ratio Lower Upper

96 100

61 186.7 144.3 216.5

98 62.6 50.5 75.7





#19

Isopropyl Alcohol

Concen: 8.381 ppbv

RT: 3.96

Delta R.T.

Lab File:

Acq: 10 Nov 2021 14:12

Instrument : MSVOA_1

ClientSampleId :

VL1110ABS01

Tot Ion:

Ion Ratio

45 100

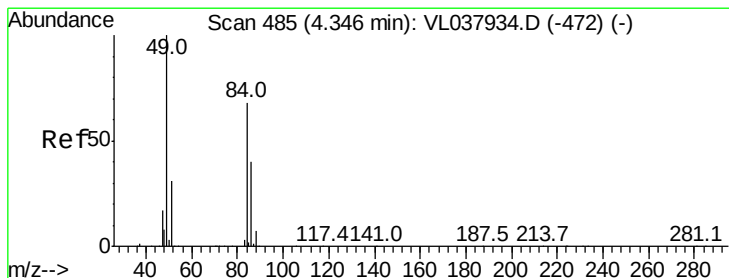
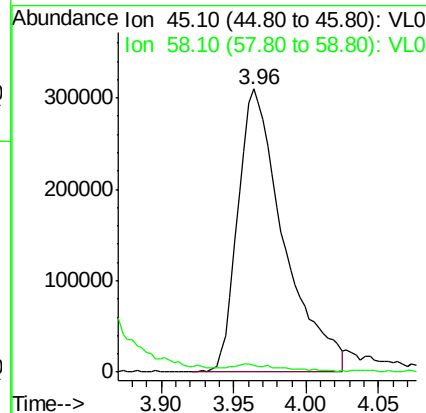
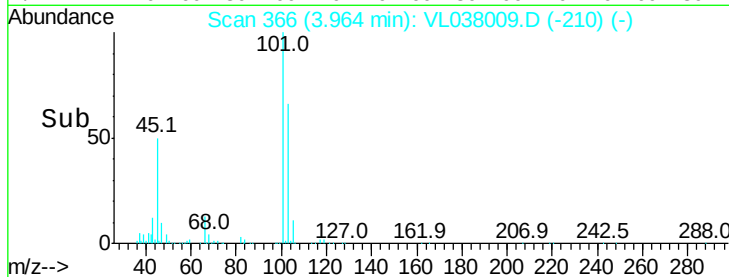
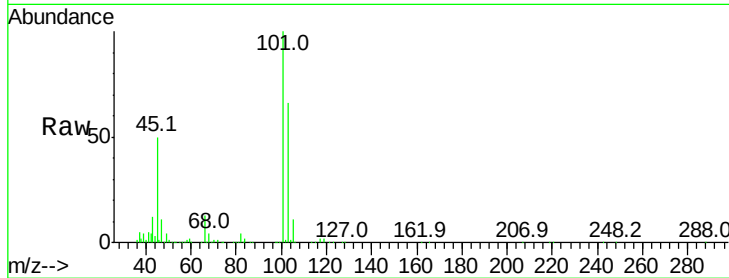
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 8.330 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

Tgt Ion: 84 Resp: 580495

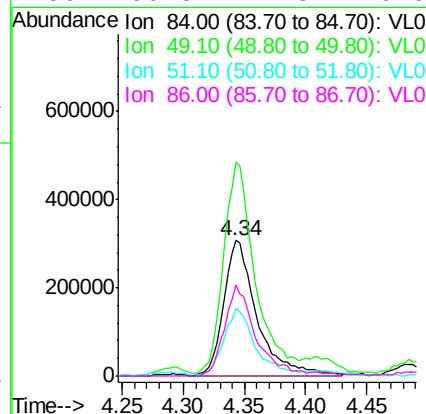
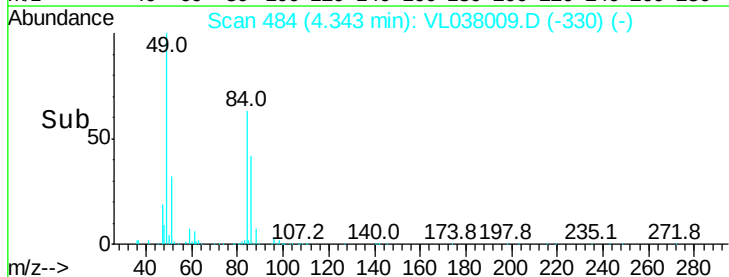
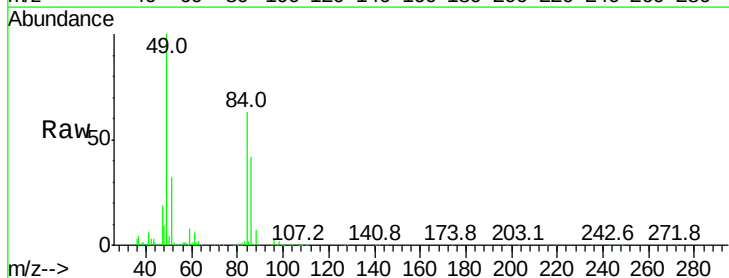
Ion Ratio Lower Upper

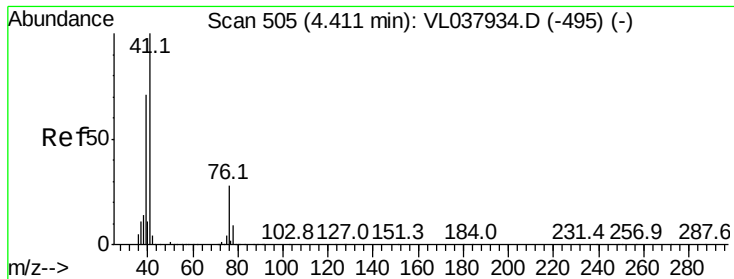
84 100

49 156.2 117.5 176.3

51 48.7 35.9 53.9

86 66.8 47.3 70.9



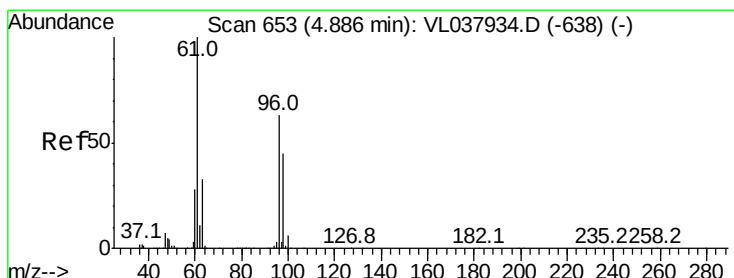
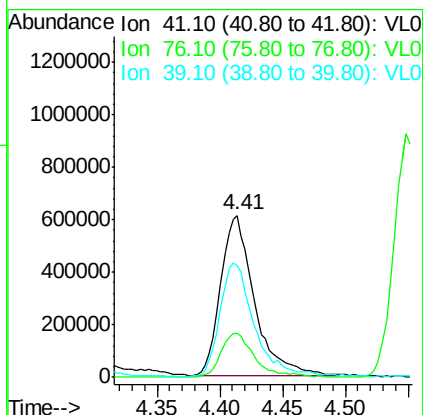
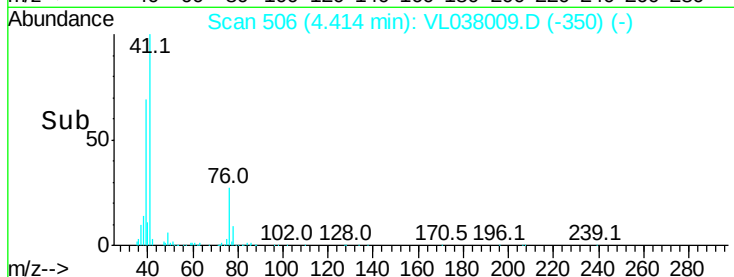
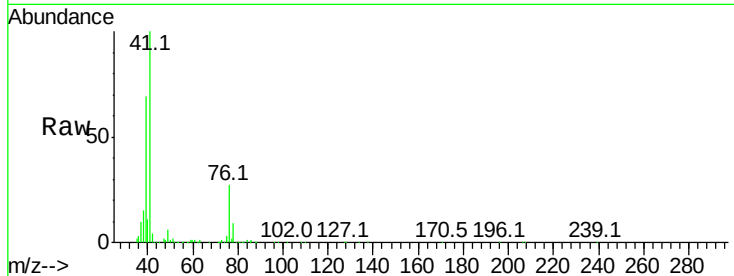


#21
 Allvl Chloride
 Concen: 9.715 ppbv
 RT: 4.41
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL1110ABS01
 Acq: 10 Nov 2021 14:12

Tot Ion:
 Ion Ratio
 41 100
 76 27.
 39 74.

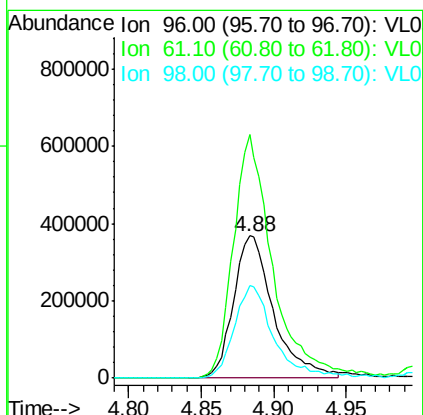
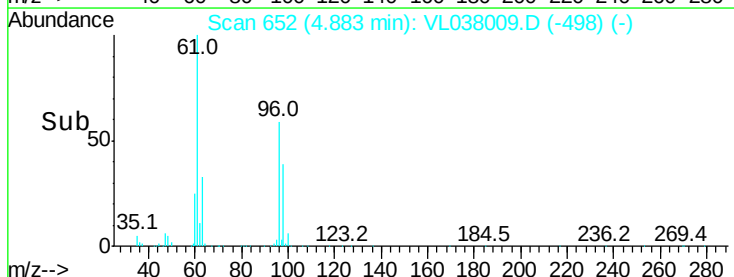
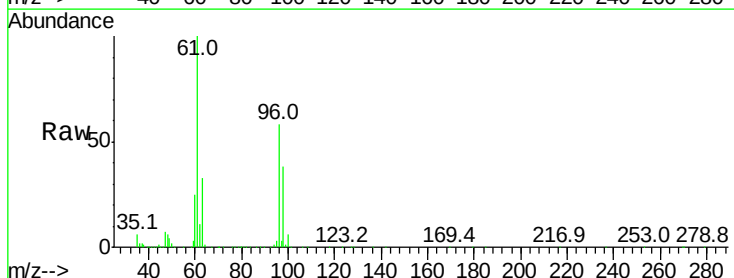
Manual Integrations
 APPROVED

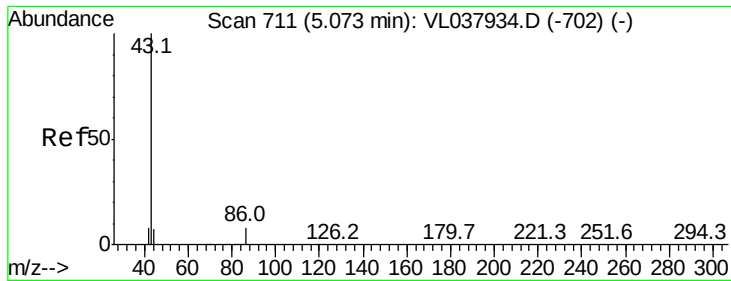
Reviewed By :Semsettin Yesilyurt 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#22
 trans-1,2-Dichloroethene
 Concen: 9.227 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion: 96 Resp: 708951
 Ion Ratio Lower Upper
 96 100
 61 171.5 127.8 191.6
 98 65.7 56.9 85.3





#23

Vinyl Acetate

Concen: 10.937 ppbv

RT: 5.07 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1110ABS01

Acq: 10 Nov 2021 14:12

Tot Ion:

Ion Ratio

43 100

86 7.

42 9.

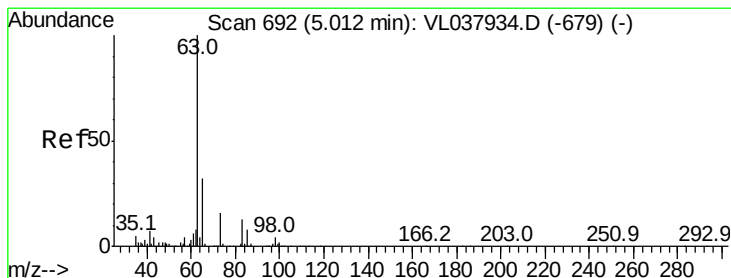
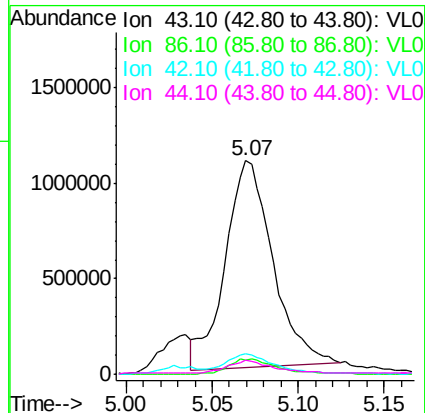
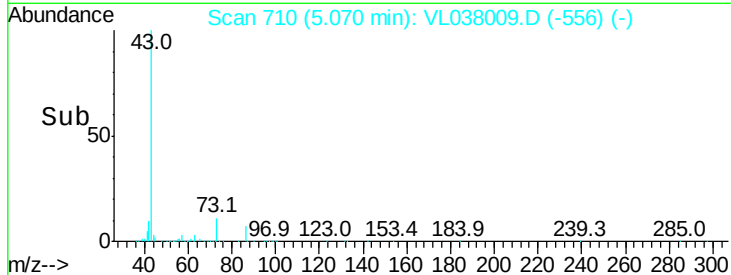
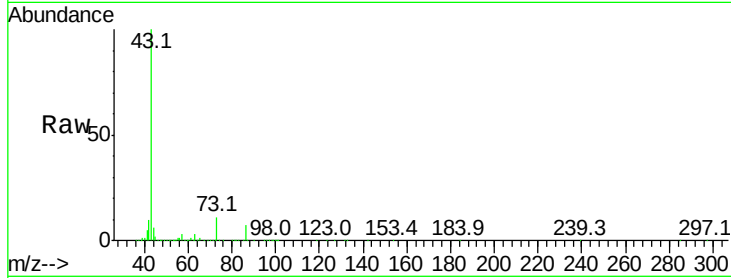
44 6.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#24

1,1-Dichloroethane

Concen: 9.699 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

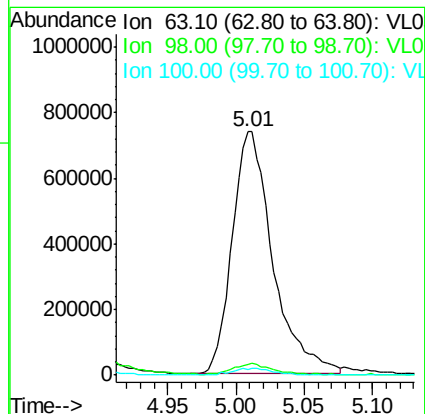
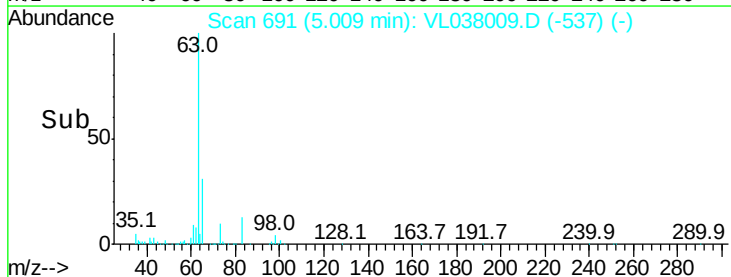
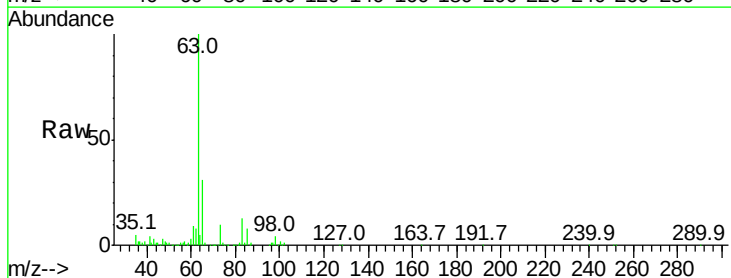
Tgt Ion: 63 Resp: 1531567

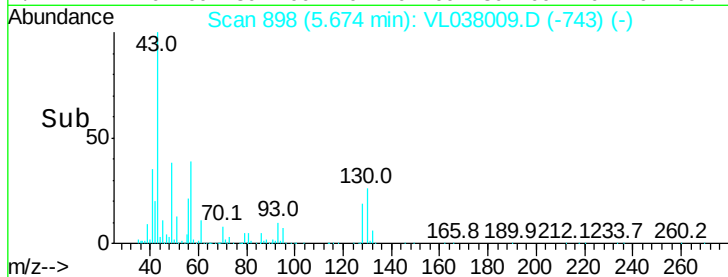
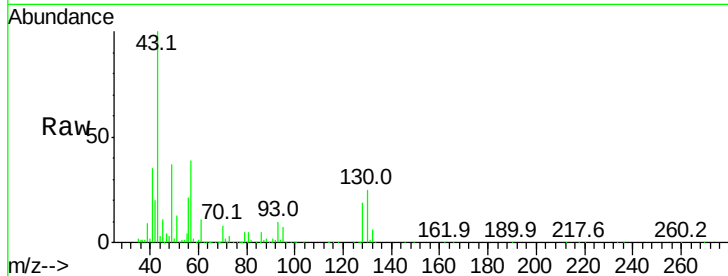
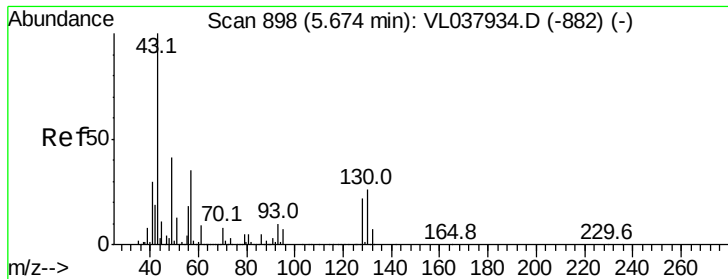
Ion Ratio Lower Upper

63 100

98 4.2 2.3 6.9

100 2.3 1.2 3.6





#25

Ethyl Acetate

Concen: 9.433 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 14:12

Tot Ion:

Ion Ratio

43 100

45 10.

61 10.

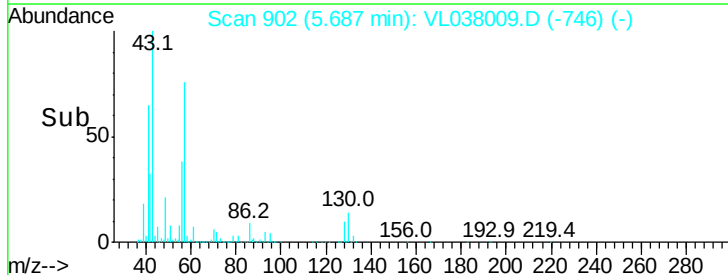
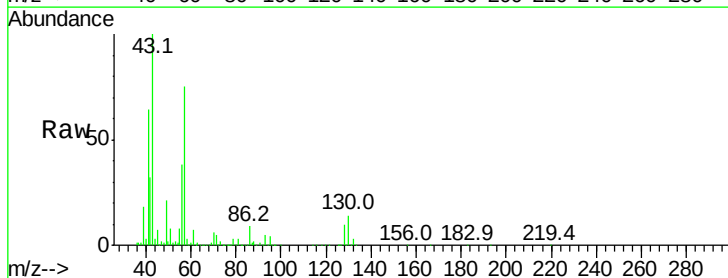
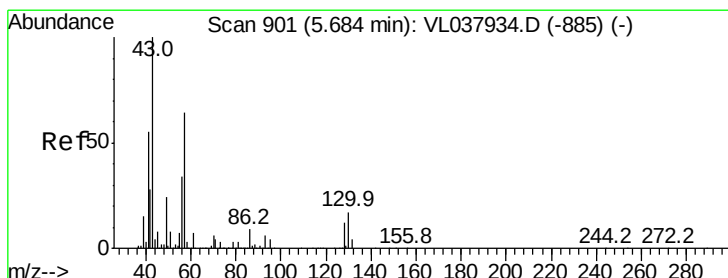
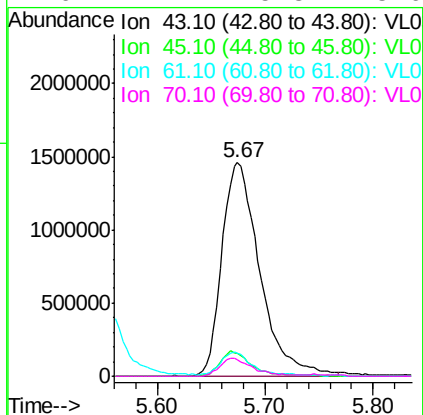
70 7.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

Hexane

Concen: 9.380 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

Tgt Ion: 57 Resp: 1675597

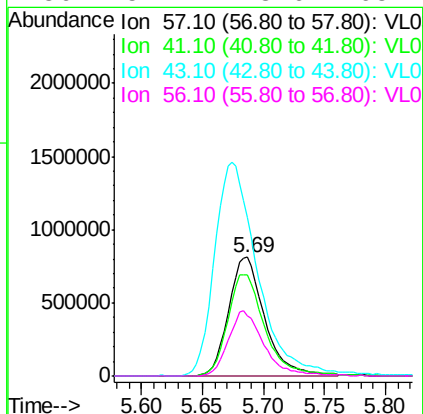
Ion Ratio Lower Upper

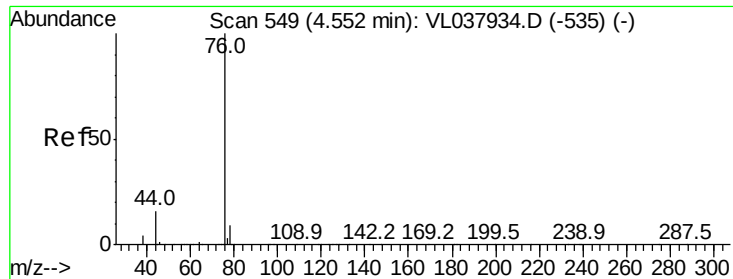
57 100

41 89.1 71.0 106.6

43 214.7 173.0 259.6

56 54.4 43.6 65.4





#27

Carbon Disulfide

Concen: 9.777 ppbv

RT: 4.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 14:12

Tot Ion:

Ion Ratio

76 100

44 17.

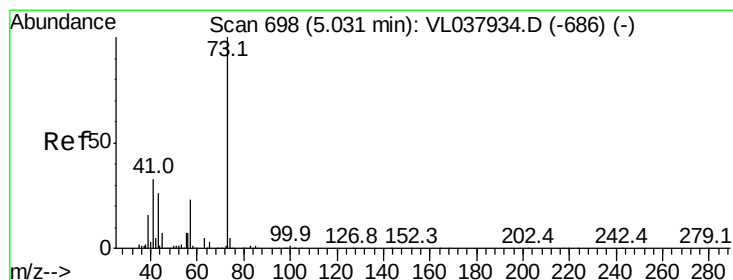
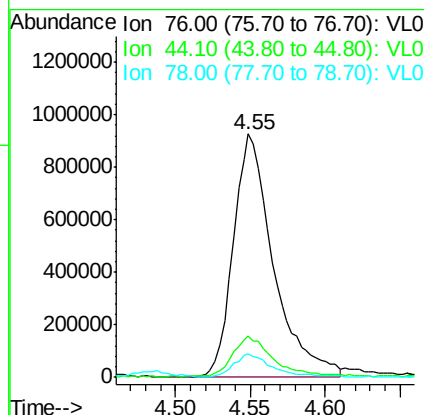
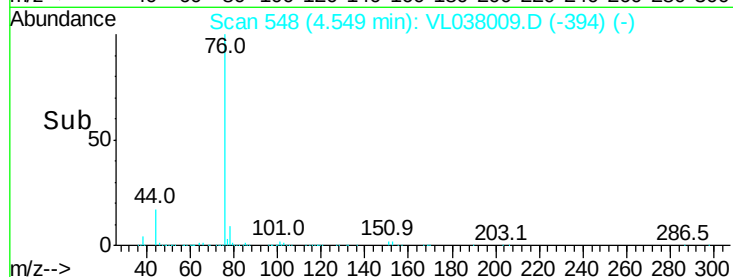
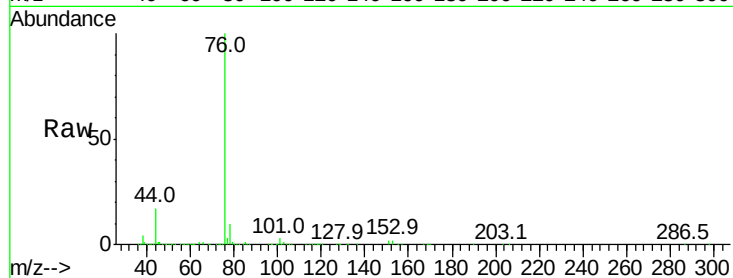
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#28

Methyl tert-Butyl Ether

Concen: 11.609 ppbv

RT: 5.03 min Scan# 699

Delta R.T. 0.00 min

Lab File: VL038009.D

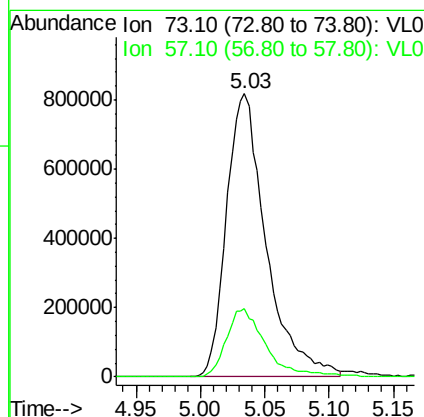
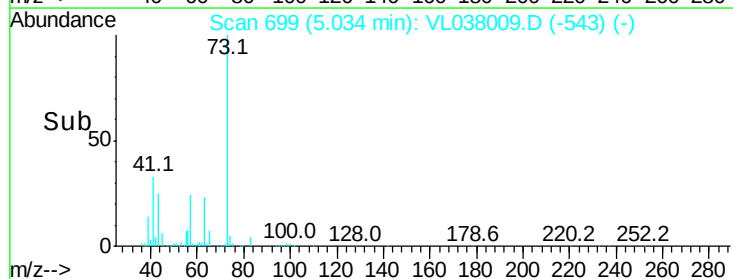
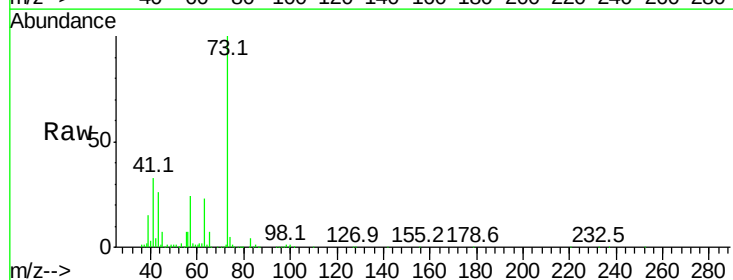
Acq: 10 Nov 2021 14:12

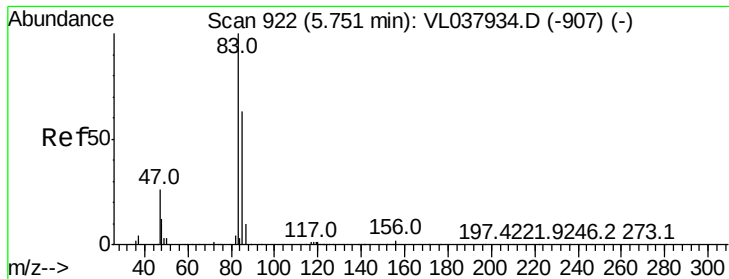
Tgt Ion: 73 Resp: 1743384

Ion Ratio Lower Upper

73 100

57 24.3 20.1 30.1



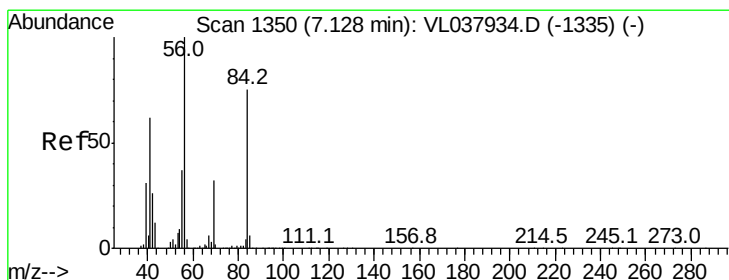
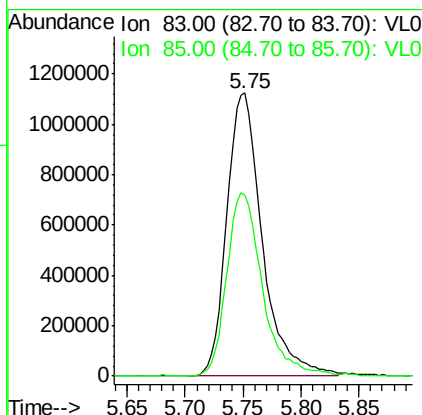
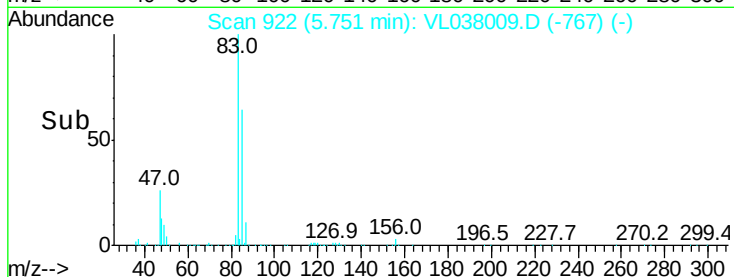
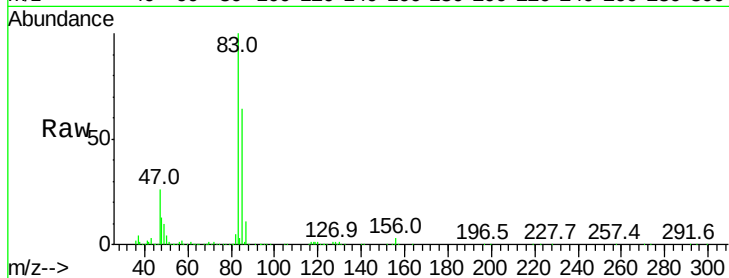


#29
Chloroform
Concen: 8.913 ppbv
RT: 5.75
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL1110ABS01
Acq: 10 Nov 2021 14:12

Tot Ion:
Ion Ratio
83 100
85 63.

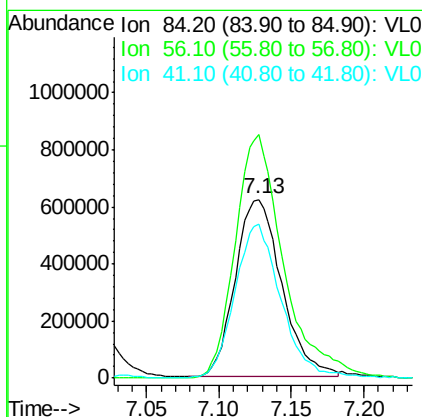
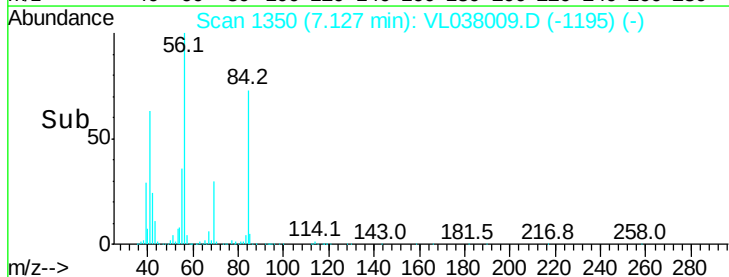
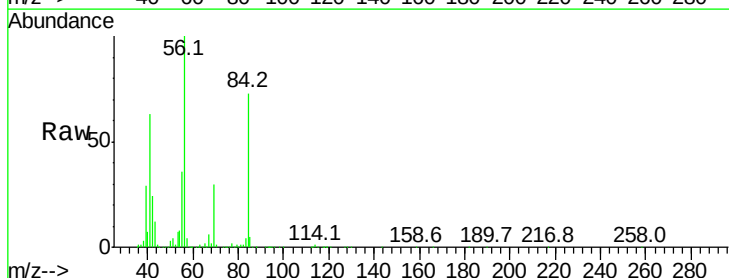
Manual Integrations
APPROVED

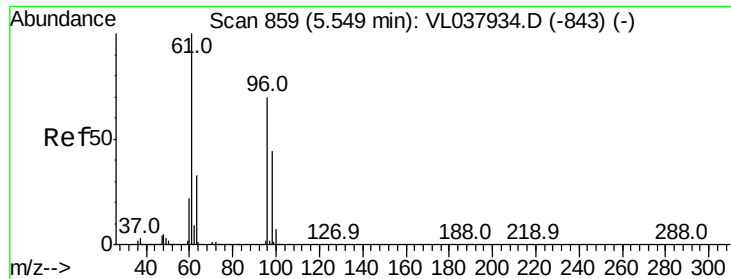
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Cyclohexane
Concen: 9.104 ppbv
RT: 7.13 min Scan# 1350
Delta R.T.: -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion: 84 Resp: 1390224
Ion Ratio Lower Upper
84 100
56 142.9 114.0 171.0
41 86.5 68.3 102.5





#31

cis-1,2-Dichloroethene

Concen: 9.470 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 10 Nov 2021 14:12

Tot Ion:

Ion Ratio

61 100

96 66.

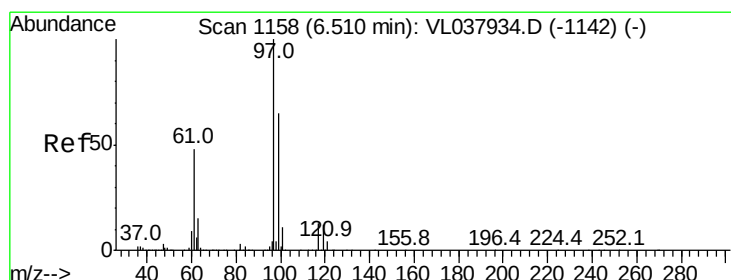
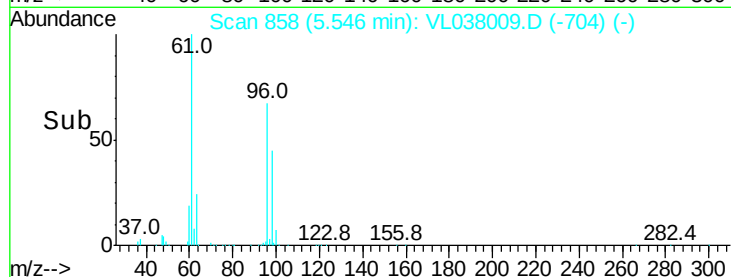
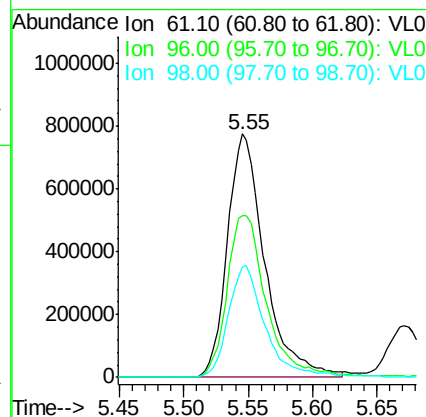
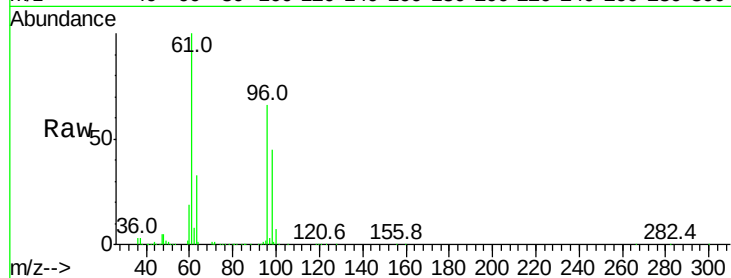
98 45.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 8.721 ppbv

RT: 6.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

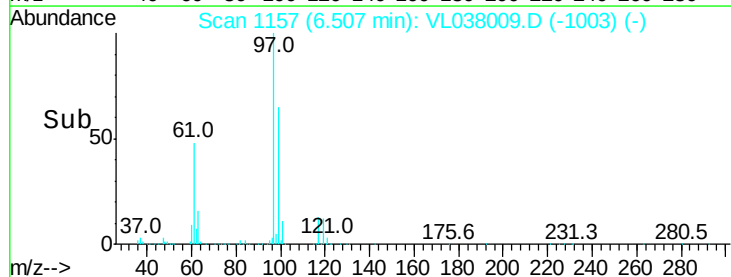
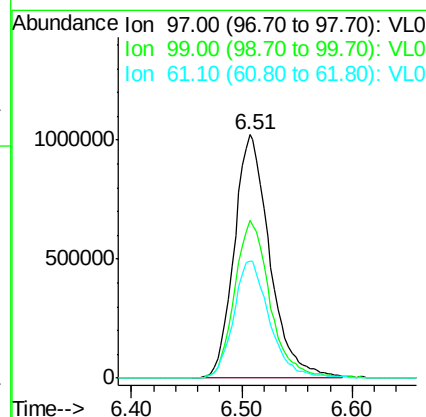
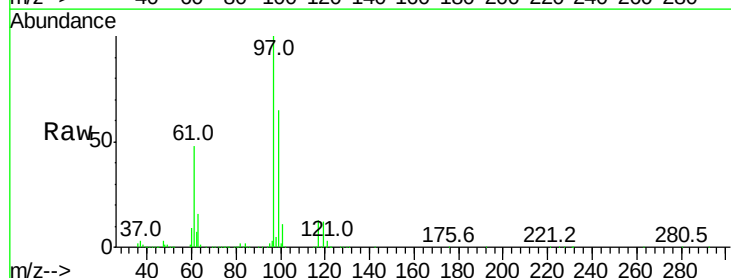
Tgt Ion: 97 Resp: 2283453

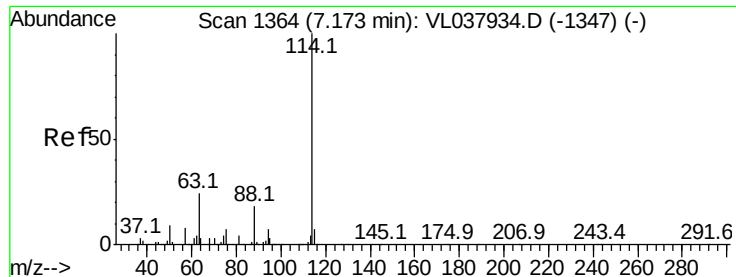
Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.4

61 49.0 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId : VL1110ABS01

Acq: 10 Nov 2021 14:12

Tot Ion:1

Ion Rati

114 100

63 24.

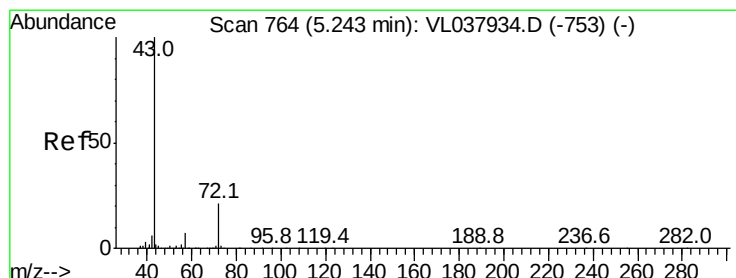
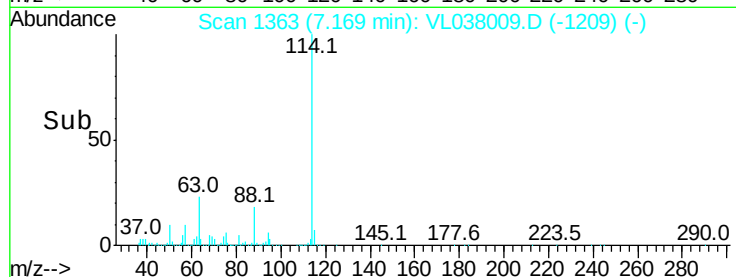
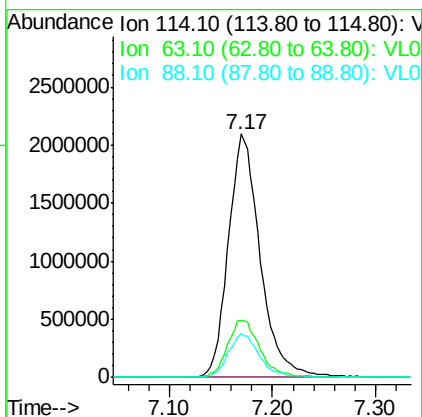
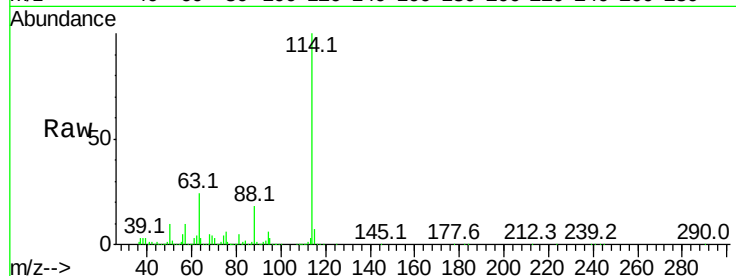
88 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

2-Butanone

Concen: 9.356 ppbv

RT: 5.24 min Scan# 763

Delta R.T. -0.00 min

Lab File: VL038009.D

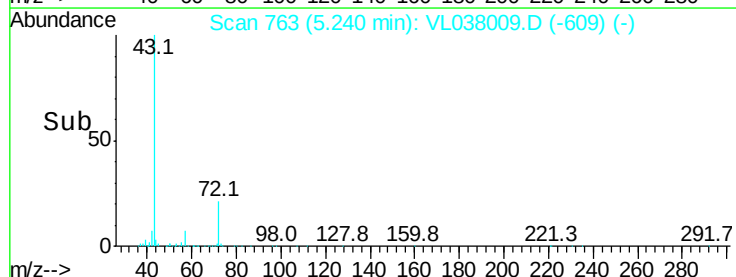
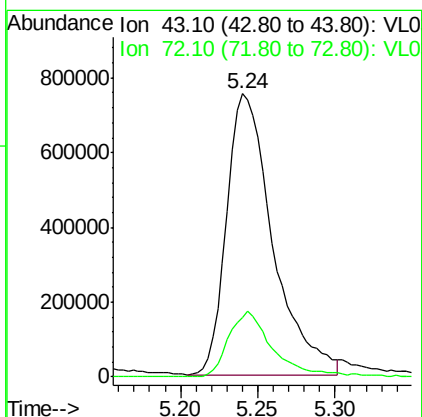
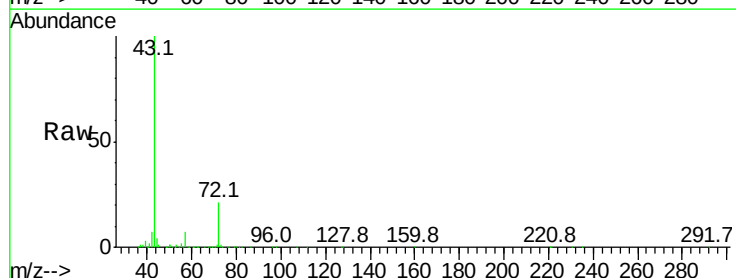
Acq: 10 Nov 2021 14:12

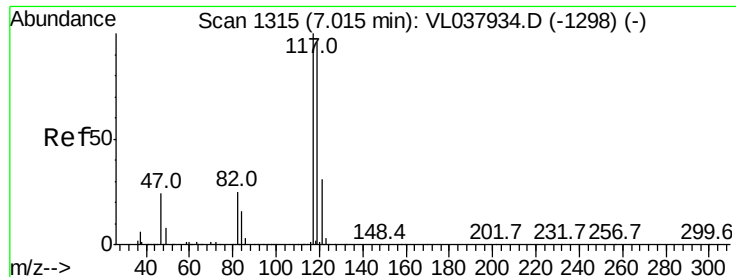
Tgt Ion: 43 Resp: 1558487

Ion Ratio Lower Upper

43 100

72 22.8 18.3 27.5



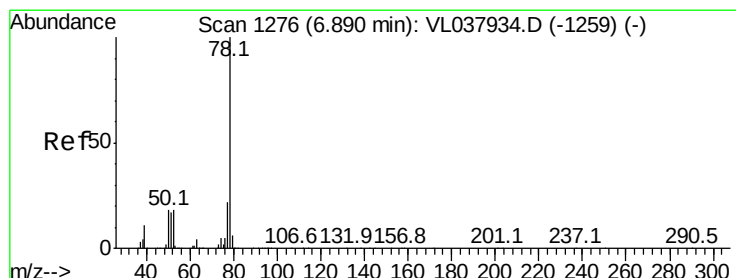
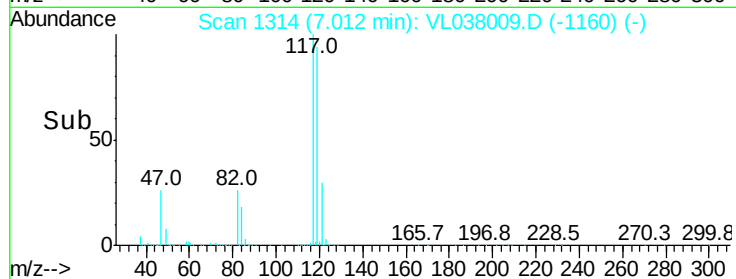
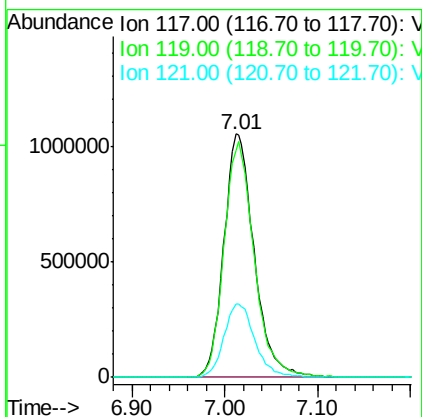
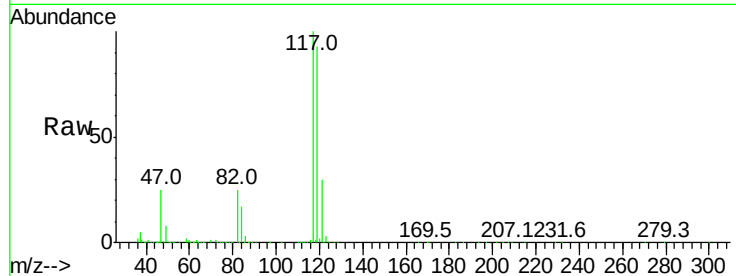


#35
Carbon Tetrachloride
Concen: 8.762 ppbv
RT: 7.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1110ABS01
Acq: 10 Nov 2021 14:12

Tot Ion: 1
Ion Ratio
117 100
119 93.
121 30.

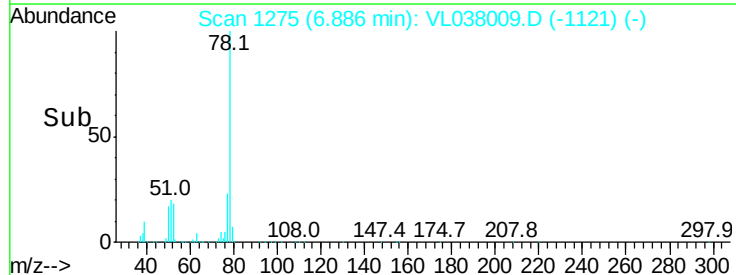
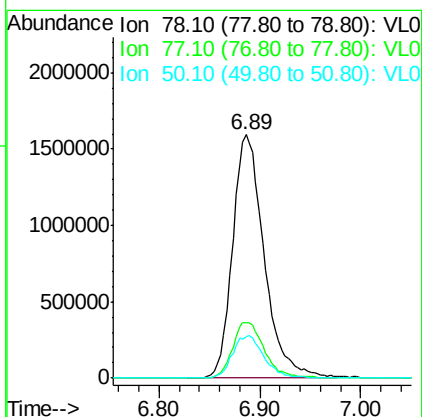
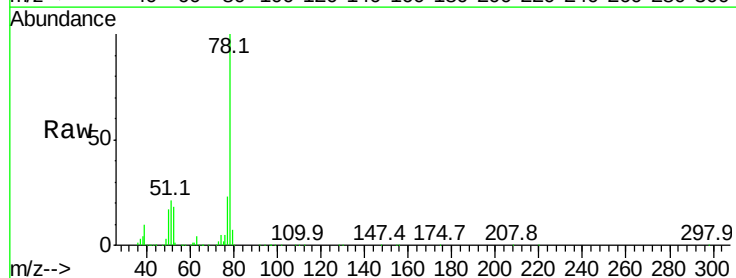
Manual Integrations
APPROVED

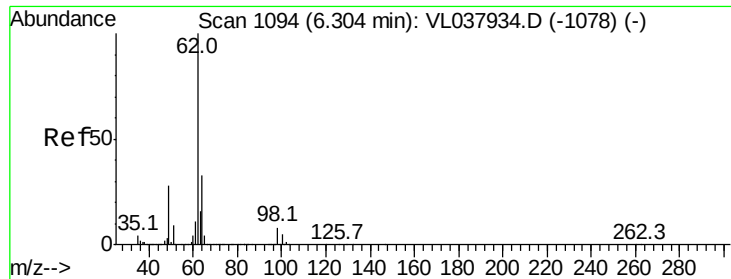
Reviewed By : Semsettin Yesilyurt 11/11/2021
Supervised By : Mahesh Dadoda 11/17/2021



#36
Benzene
Concen: 9.453 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion: 78 Resp: 3460558
Ion Ratio Lower Upper
78 100
77 22.7 17.9 26.9
50 17.2 14.4 21.6



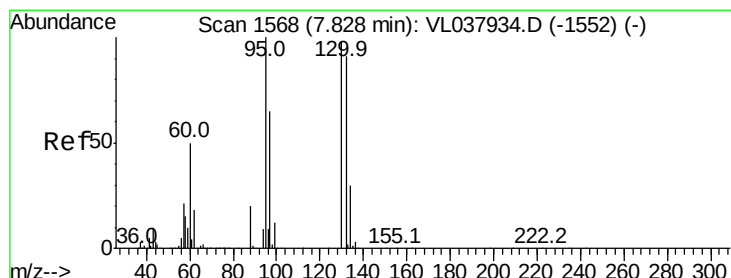
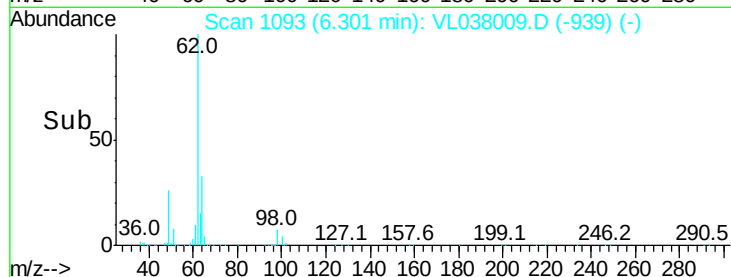
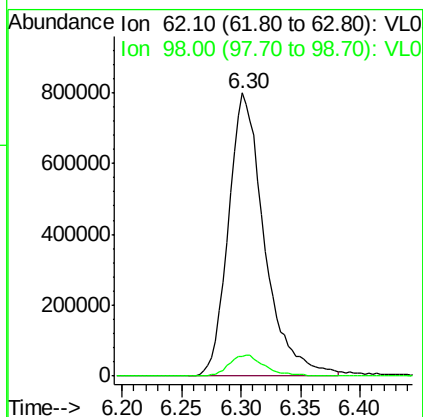
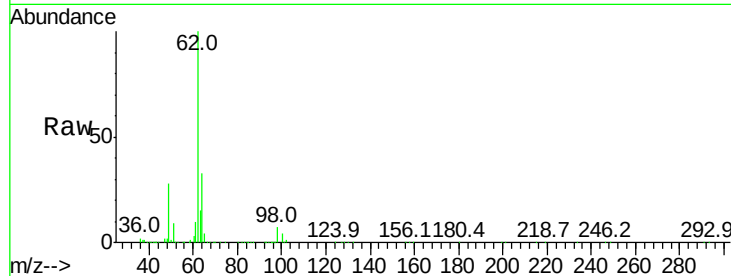


#37
 1,2-Dichloroethane
 Concen: 9.609 ppbv
 RT: 6.30
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL1110ABS01
 Acq: 10 Nov 2021 14:12

Tot Ion:
 Ion Ratio
 62 100
 98 7.

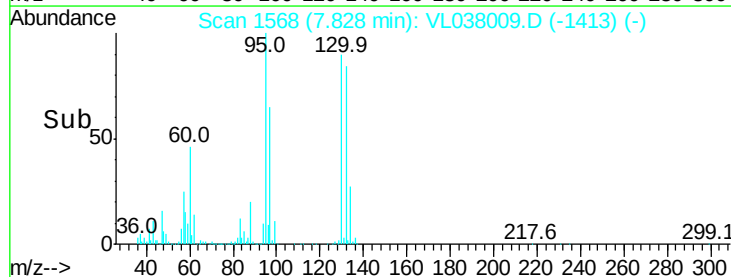
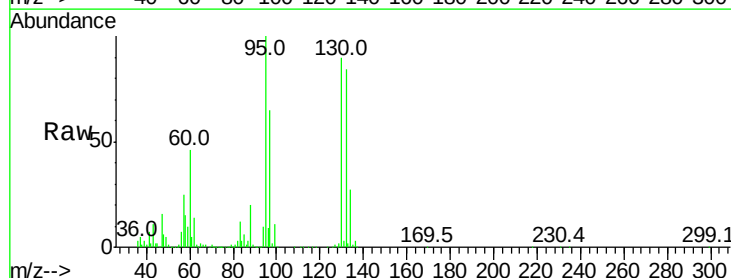
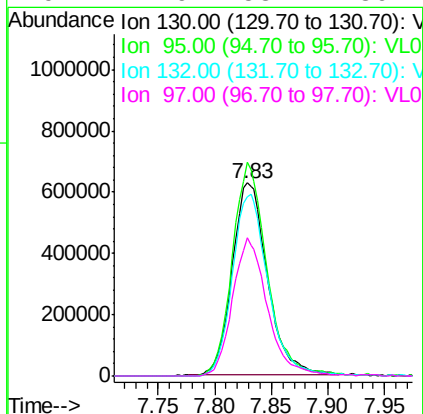
Manual Integrations
 APPROVED

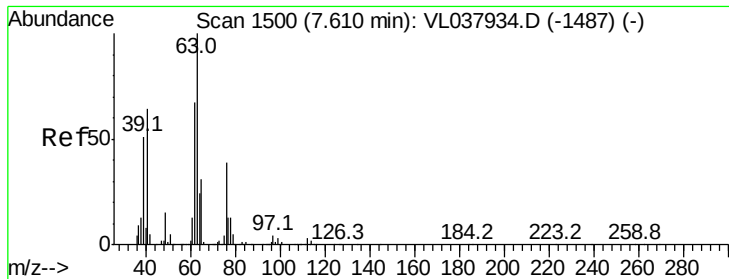
Reviewed By :Semsettin Yesilyurt 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#38
 Trichloroethene
 Concen: 8.965 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion:130 Resp: 1362192
 Ion Ratio Lower Upper
 130 100
 95 111.1 81.8 122.8
 132 93.2 74.2 111.2
 97 71.9 53.4 80.2



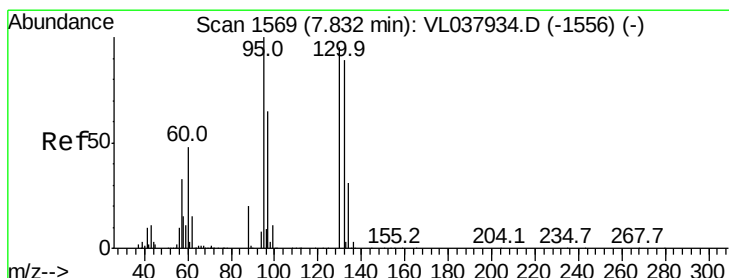
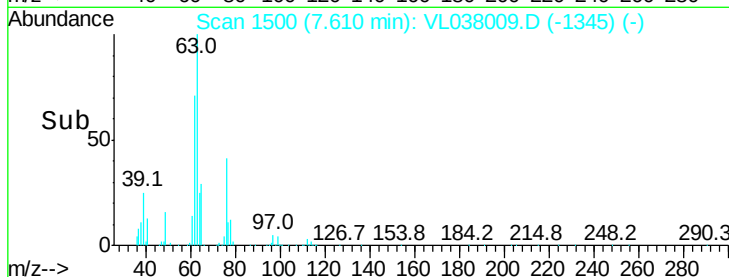
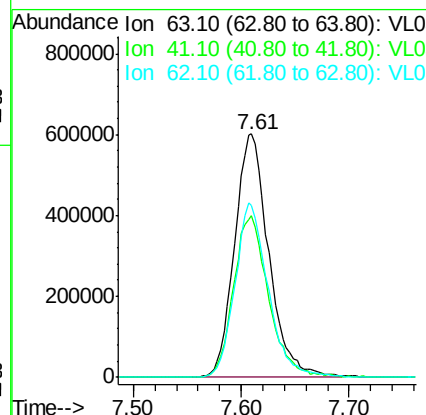
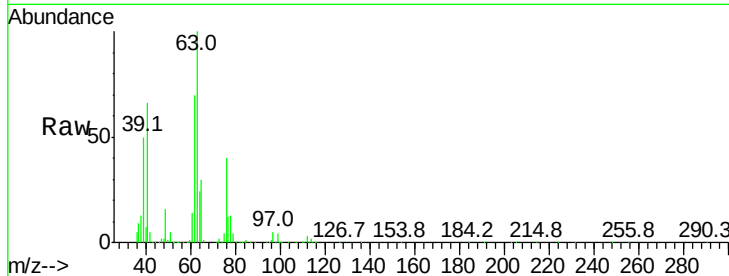


#39
 1,2-Dichloropropane
 Concen: 9.683 ppbv
 RT: 7.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1110ABS01
 Acq: 10 Nov 2021 14:12

Tot Ion:
 Ion Ratio
 63 100
 41 65.
 62 70.

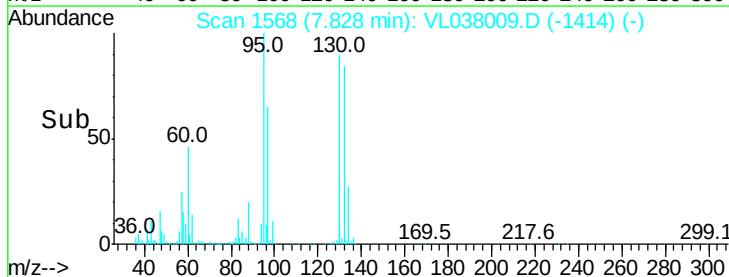
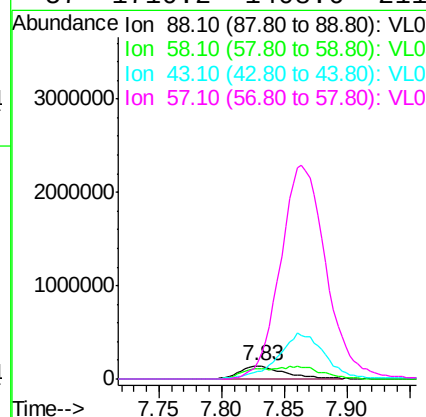
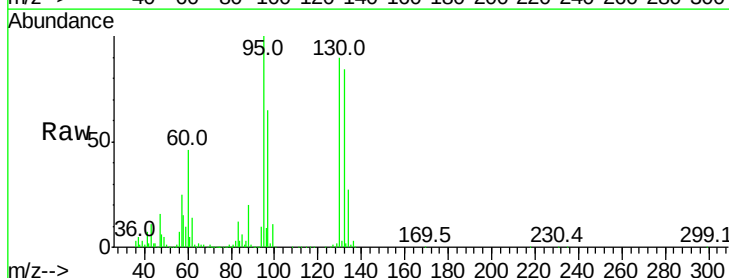
Manual Integrations
 APPROVED

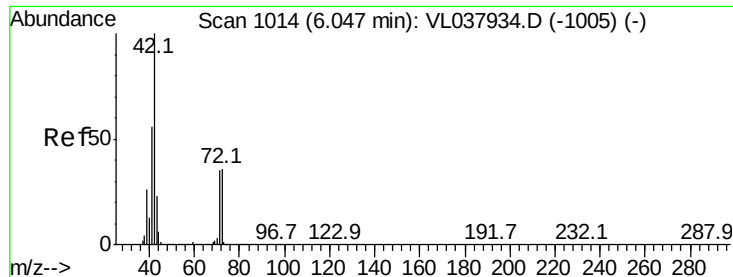
Reviewed By :Semsettin Yesilyurt 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#40
 1,4-Dioxane
 Concen: 9.452 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion: 88 Resp: 342889
 Ion Ratio Lower Upper
 88 100
 58 152.9 129.1 193.7
 43 377.4 313.2 469.8
 57 1710.2 1408.6 2112.8



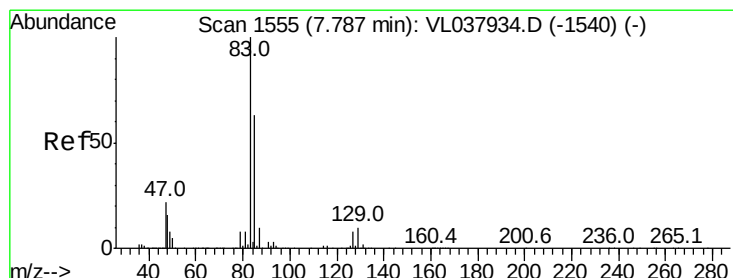
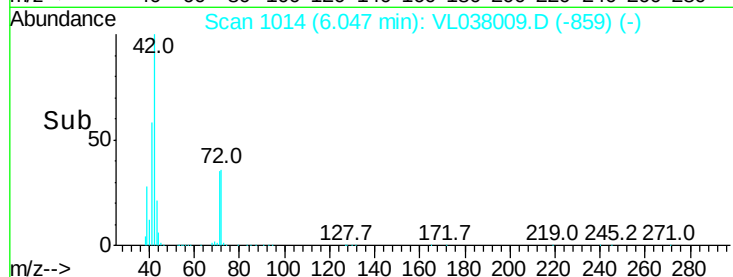
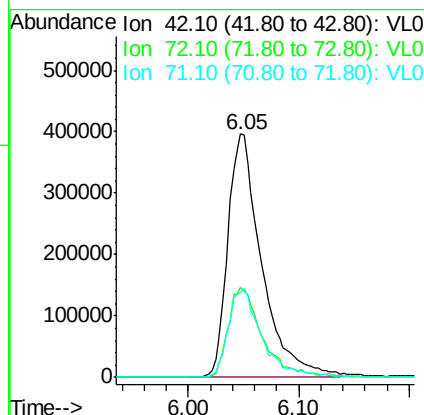
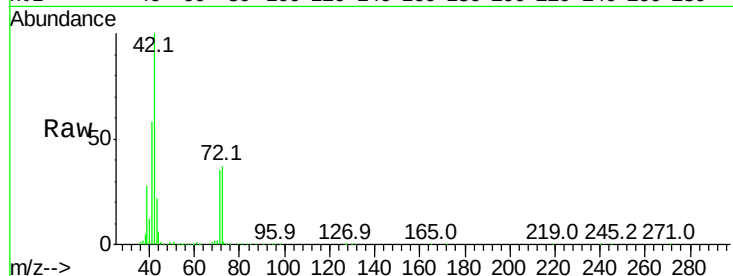


#41
Tetrahydrofuran
Concen: 10.336 ppbv
RT: 6.05
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1110ABS01
Acq: 10 Nov 2021 14:12

Tot Ion:
Ion Ratio
42 100
72 37.
71 36.

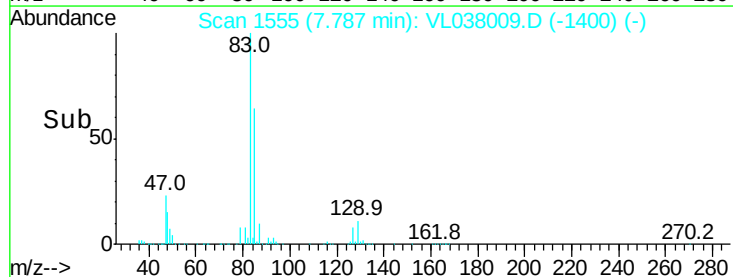
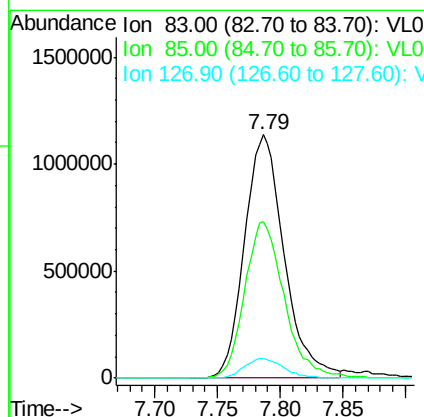
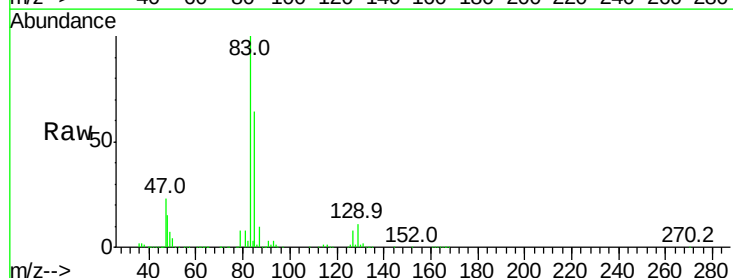
Manual Integrations
APPROVED

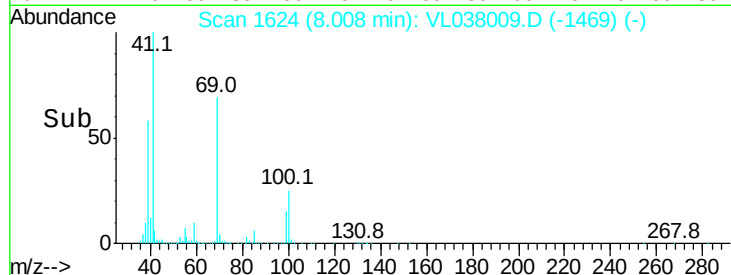
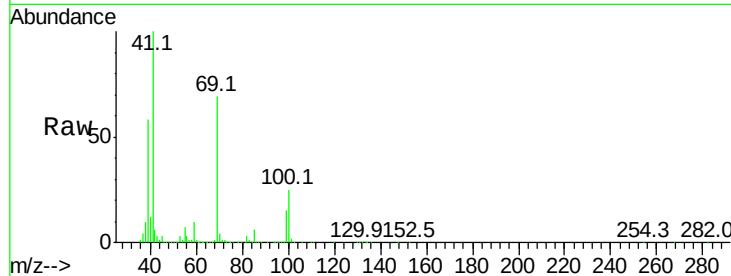
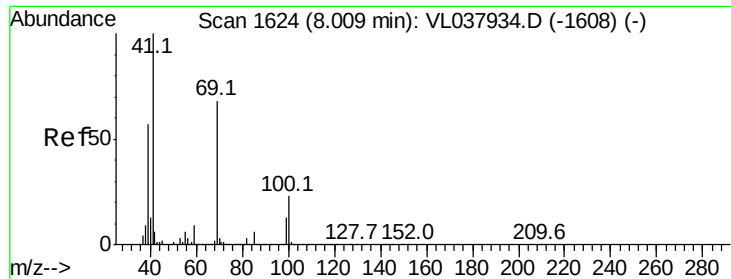
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
Bromodichloromethane
Concen: 9.509 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion: 83 Resp: 2502297
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.3 6.1 9.1



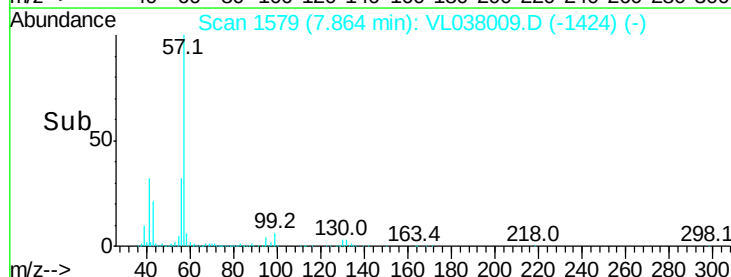
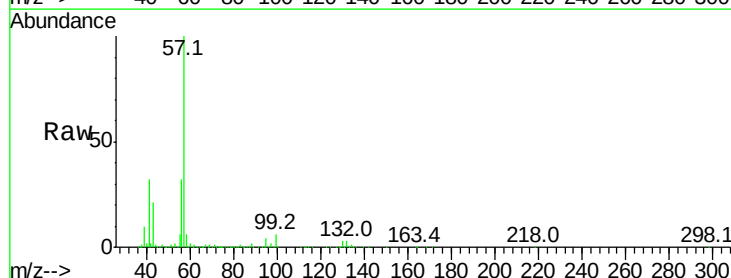
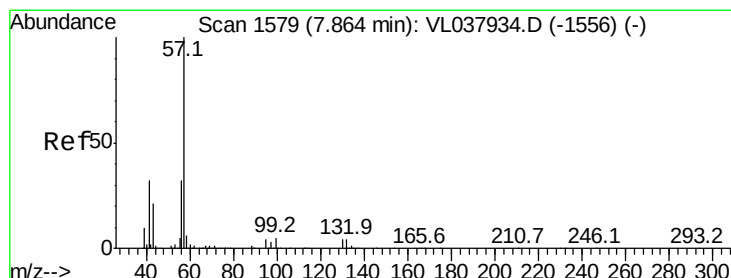
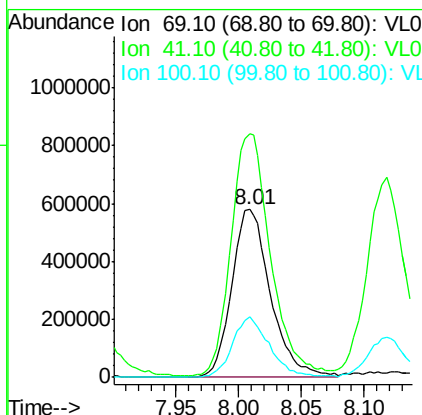


#43
Methyl Methacrylate
Concen: 10.333 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1110ABS01
Acq: 10 Nov 2021 14:12

Tot Ion:
Ion Ratio
69 100
41 149.
100 34.

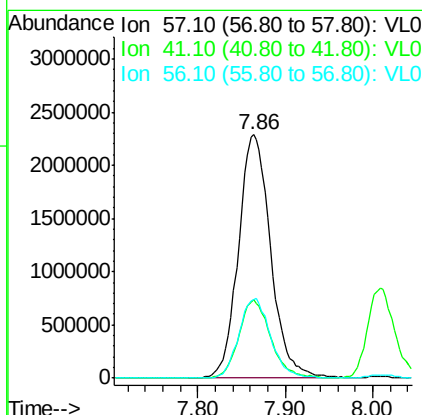
Manual Integrations
APPROVED

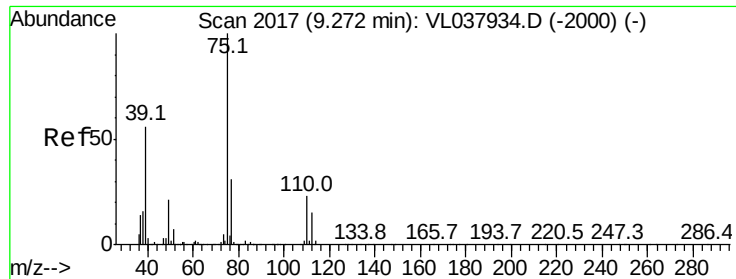
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
2,2,4-Trimethylpentane
Concen: 9.403 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion: 57 Resp: 5854660
Ion Ratio Lower Upper
57 100
41 31.8 25.8 38.8
56 32.3 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 11.532 ppbv

RT: 9.27 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 10 Nov 2021 14:12 VL1110ABS01

Tot Ion:

Ion Ratio

75 100

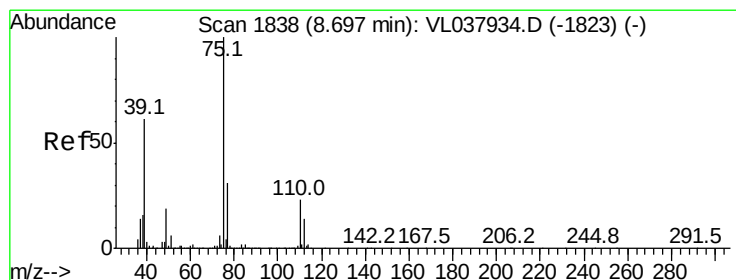
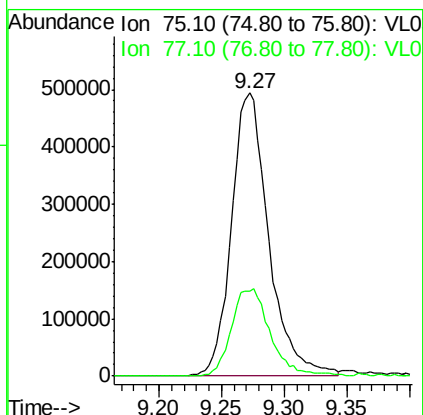
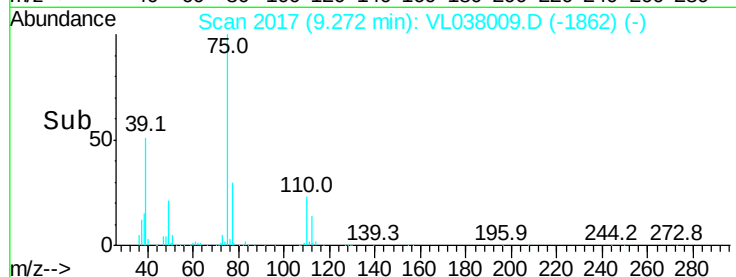
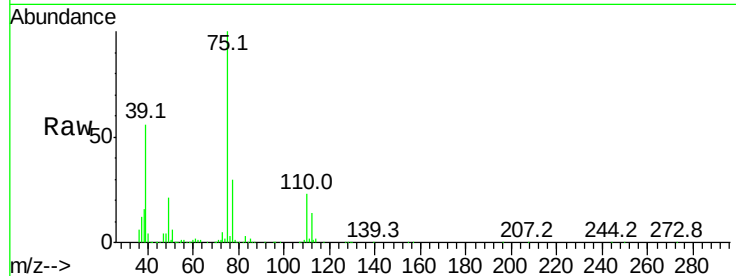
77 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

cis-1,3-Dichloropropene

Concen: 11.197 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

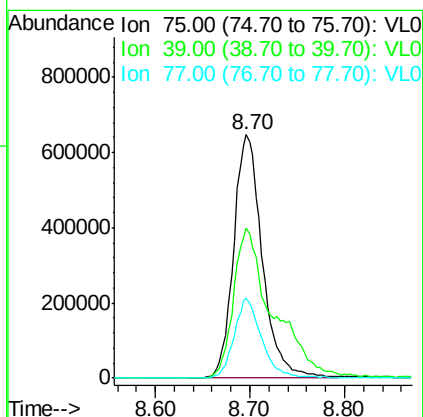
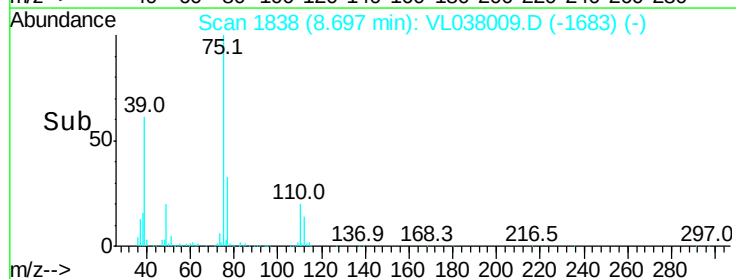
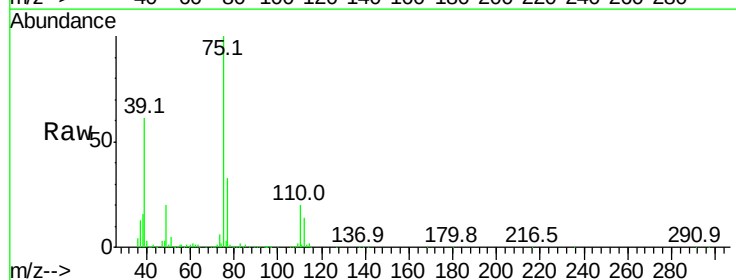
Tgt Ion: 75 Resp: 1359254

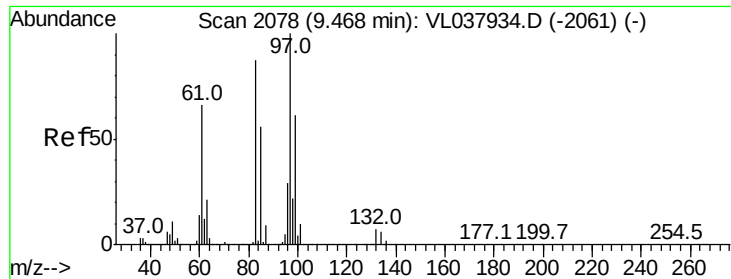
Ion Ratio Lower Upper

75 100

39 61.3 48.8 73.2

77 32.6 24.6 36.8



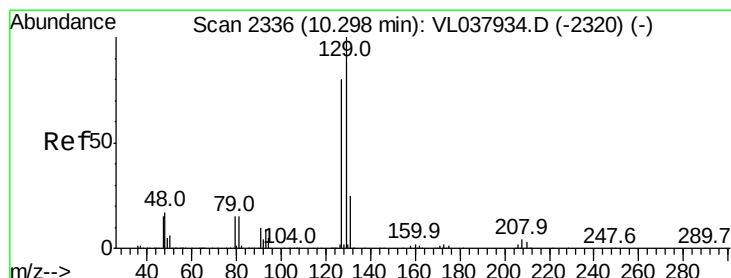
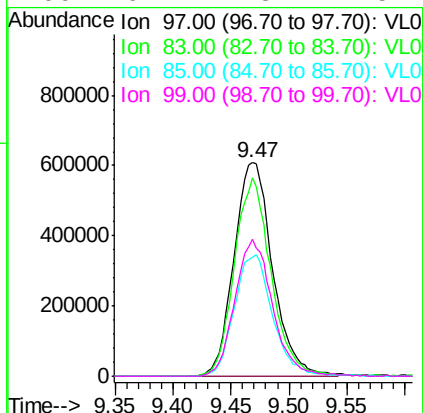
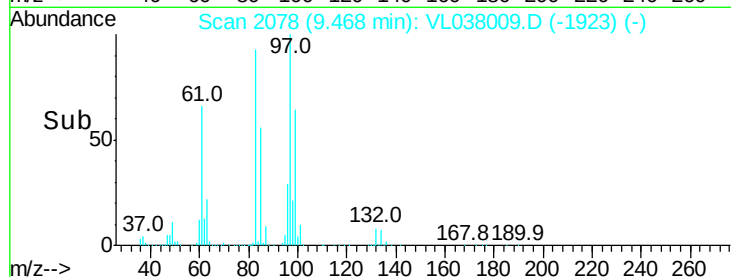
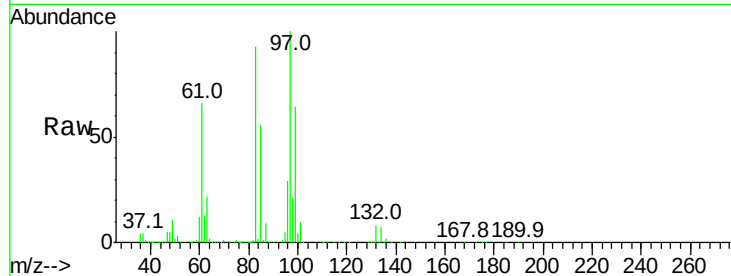


#47
 1,1,2-Trichloroethane
 Concen: 9.104 ppbv
 RT: 9.47
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VL1110ABS01
 Acq: 10 Nov 2021 14:12

Tot Ion:
 Ion Ratio
 97 100
 83 92.
 85 55.
 99 64.1 48.7 73.1

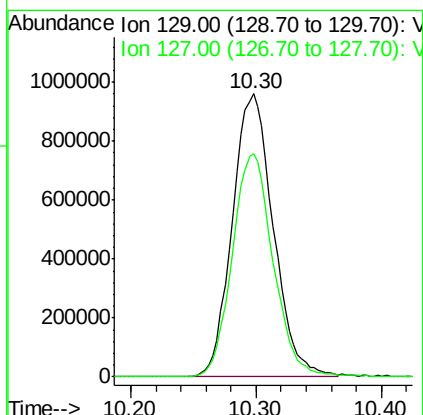
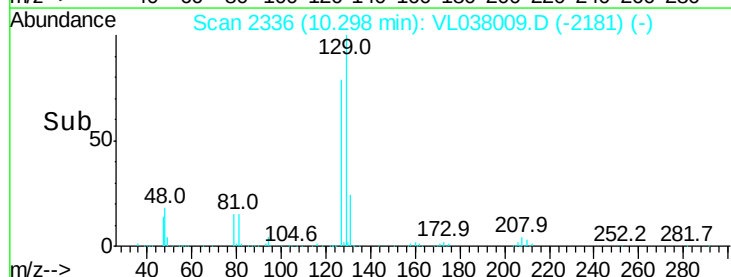
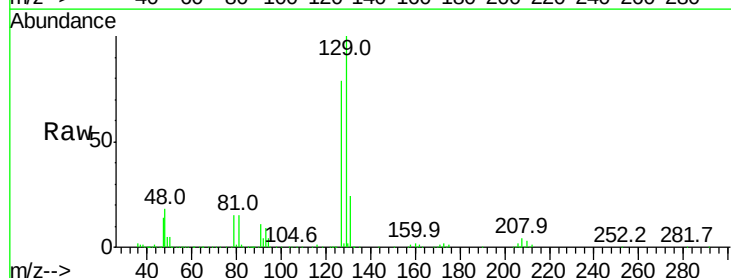
Manual Integrations
 APPROVED

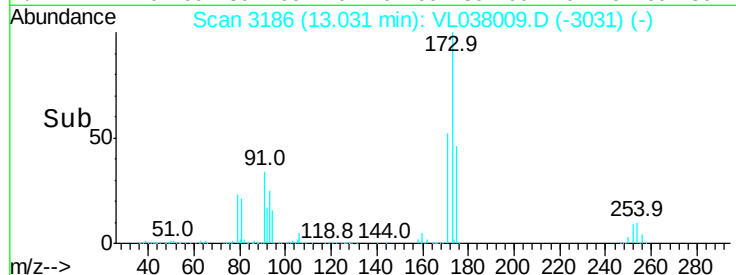
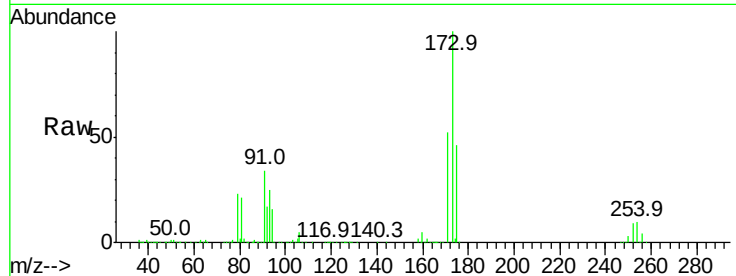
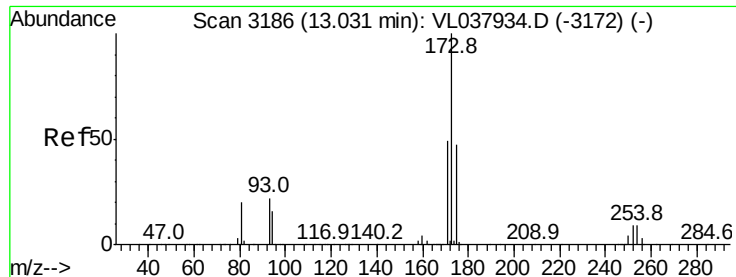
Reviewed By :Semsettin Yesilyurt 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#48
 Dibromochloromethane
 Concen: 9.942 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion:129 Resp: 2178379
 Ion Ratio Lower Upper
 129 100
 127 79.1 40.3 120.9





#49

Bromoform

Concen: 10.242 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 14:12

Tot Ion:1

Ion Rati

173 100

175 49.

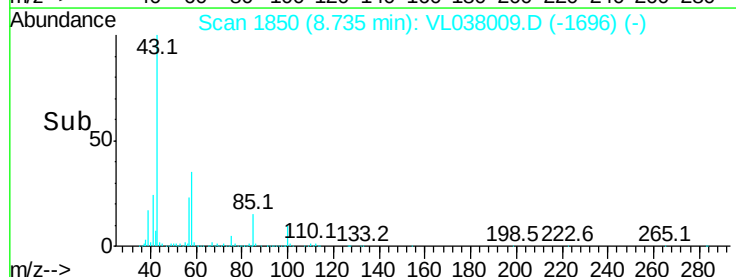
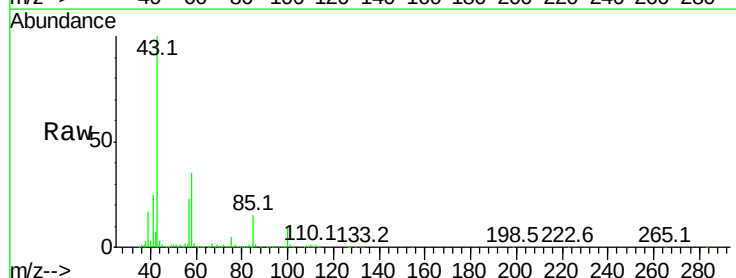
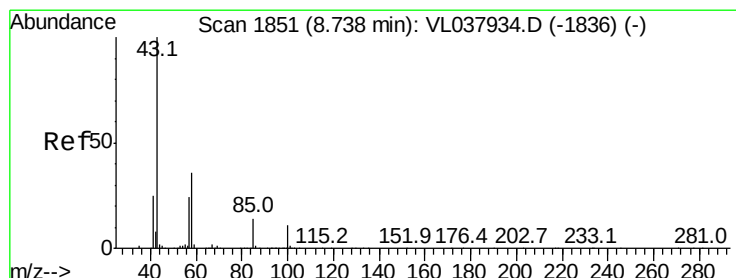
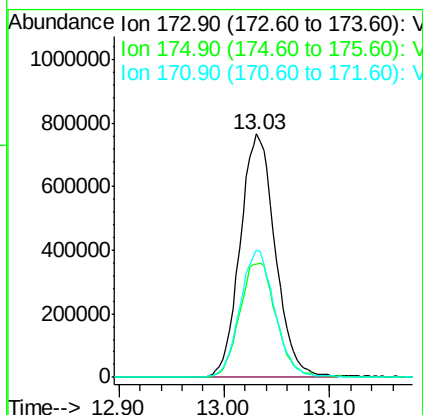
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

4-Methyl-2-Pentanone

Concen: 9.969 ppbv

RT: 8.74 min Scan# 1850

Delta R.T. -0.00 min

Lab File: VL038009.D

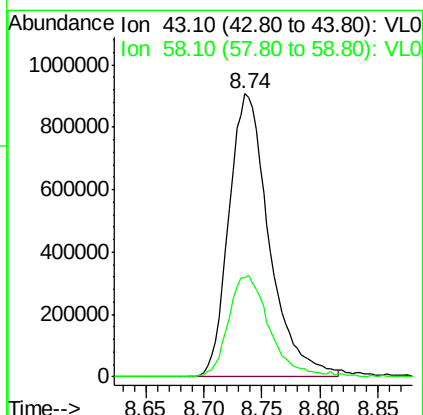
Acq: 10 Nov 2021 14:12

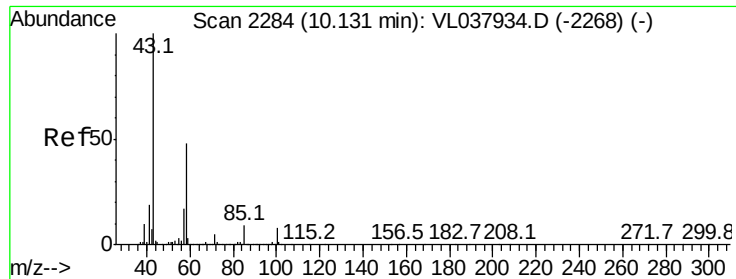
Tgt Ion: 43 Resp: 2181708

Ion Ratio Lower Upper

43 100

58 37.0 28.8 43.2



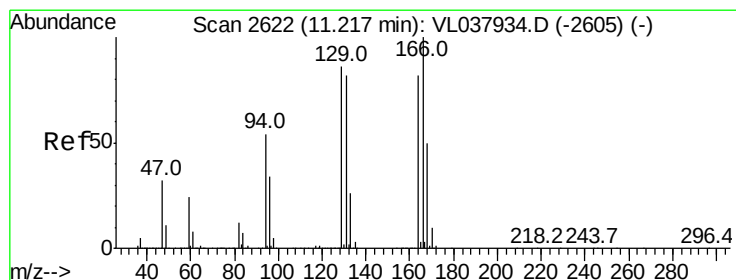
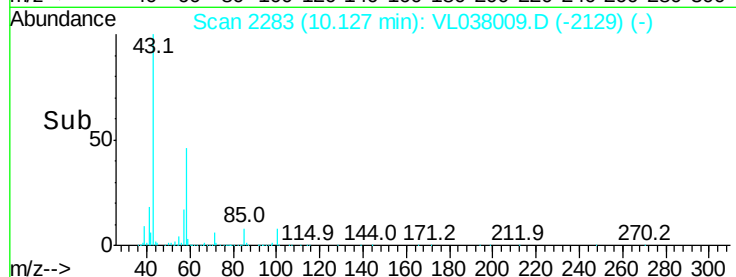
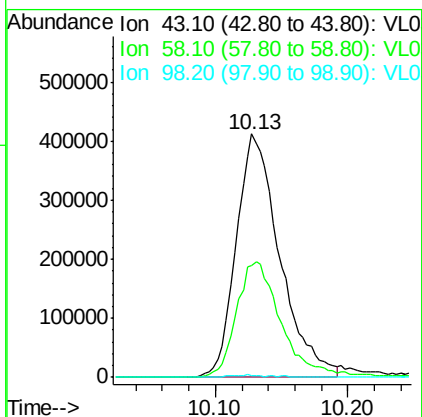
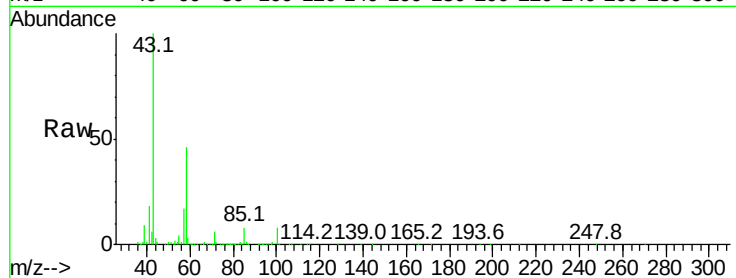


#51
2-Hexanone
Concen: 10.190 ppbv
RT: 10.13 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL1110ABS01
Acq: 10 Nov 2021 14:12

Tot Ion:
Ion Ratio
43 100
58 49.
98 1.

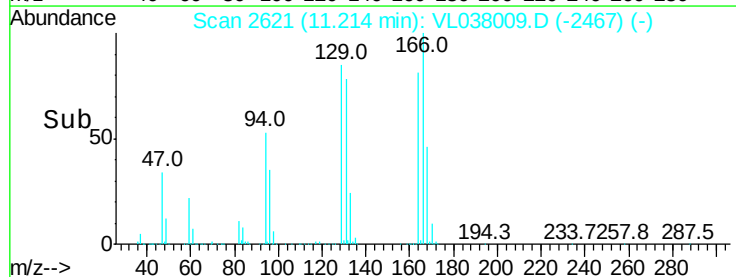
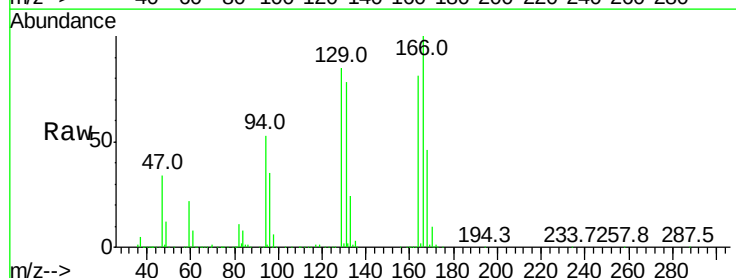
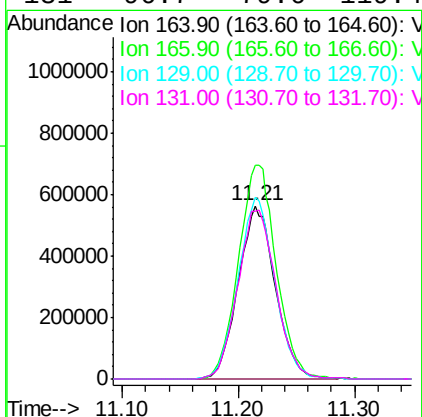
Manual Integrations
APPROVED

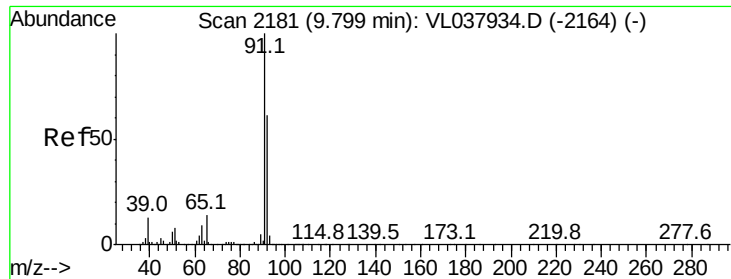
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Tetrachloroethene
Concen: 9.016 ppbv
RT: 11.21 min Scan# 2621
Delta R.T.: -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion:164 Resp: 1252152
Ion Ratio Lower Upper
164 100
166 123.2 97.6 146.4
129 104.7 84.2 126.2
131 96.7 79.6 119.4





#53

Toluene

Concen: 10.122 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 14:12

Tot Ion:

Ion Ratio

91 100

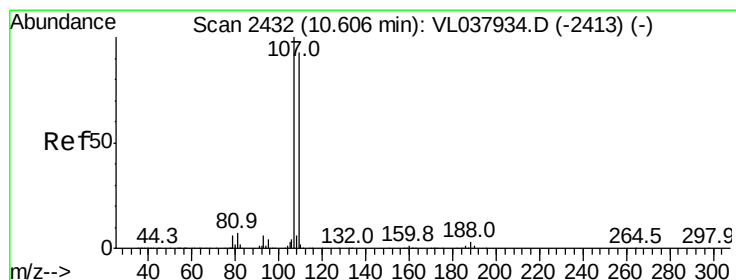
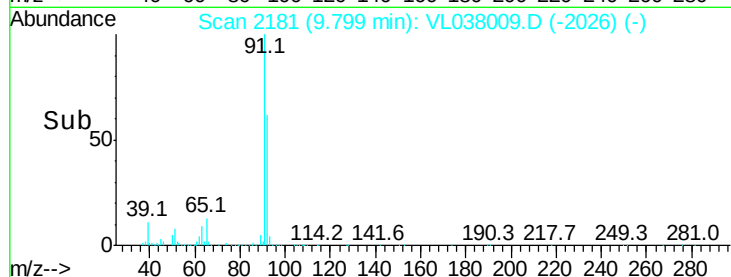
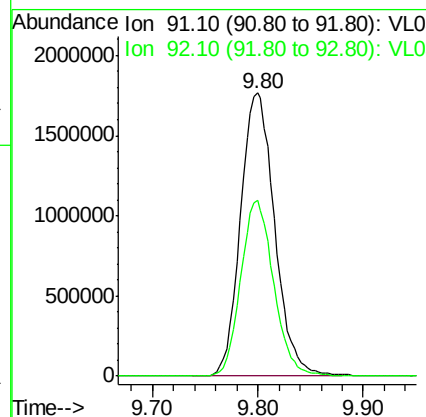
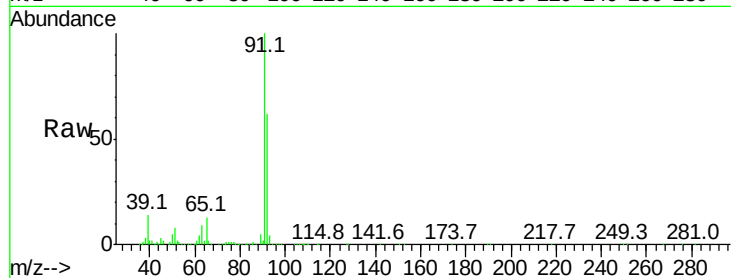
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

1,2-Dibromoethane

Concen: 9.673 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. -0.01 min

Lab File: VL038009.D

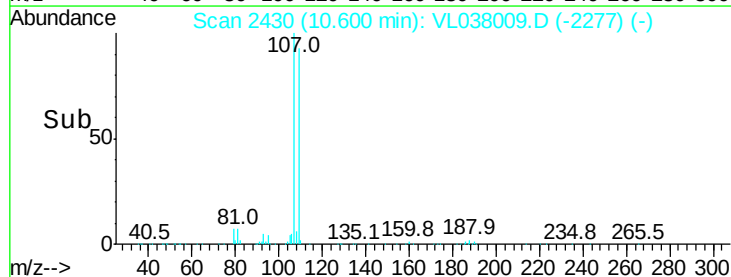
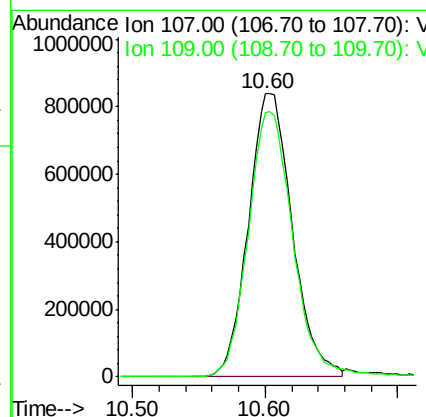
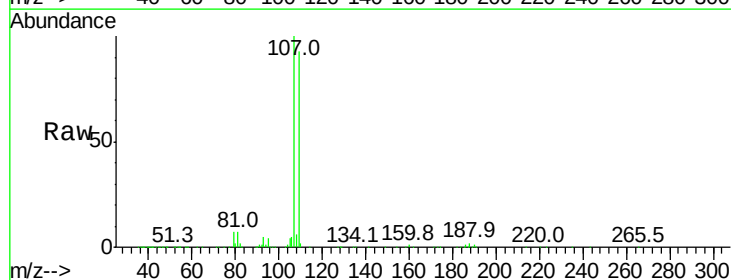
Acq: 10 Nov 2021 14:12

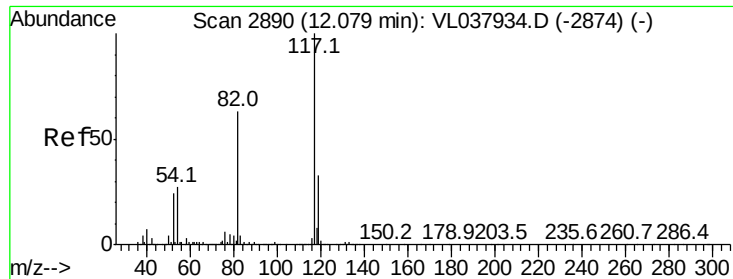
Tgt Ion:107 Resp: 1930658

Ion Ratio Lower Upper

107 100

109 93.2 74.5 111.7



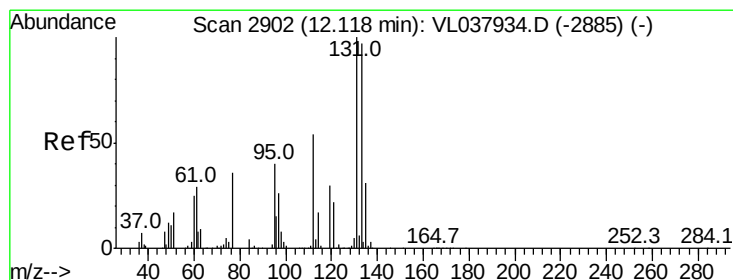
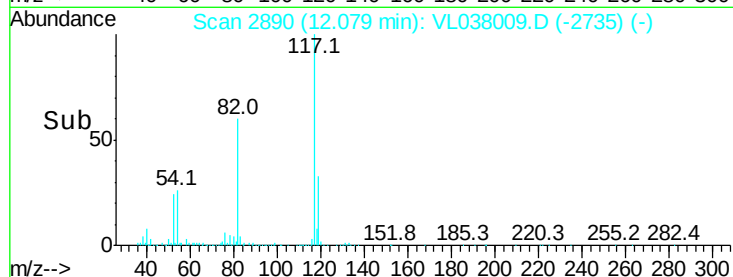
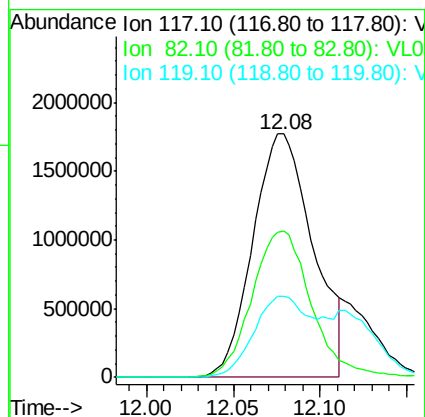
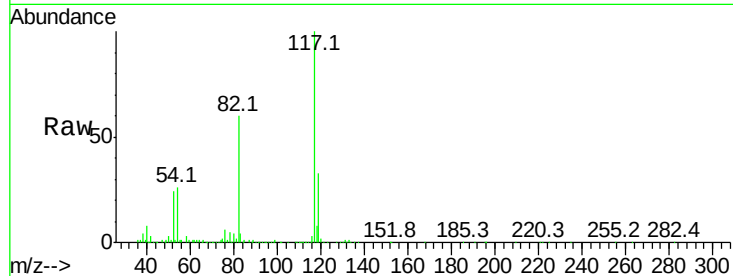


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1110ABS01
Acq: 10 Nov 2021 14:12

Tot Ion:1
Ion Rati
117 100
82 59.
119 54.

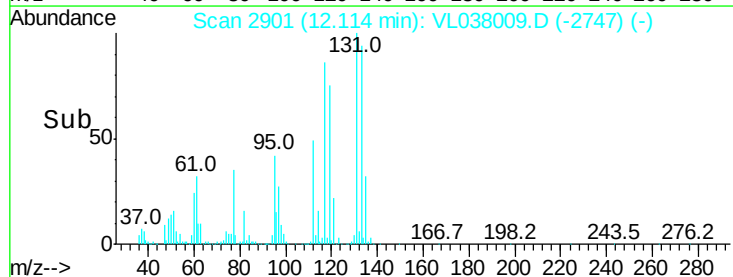
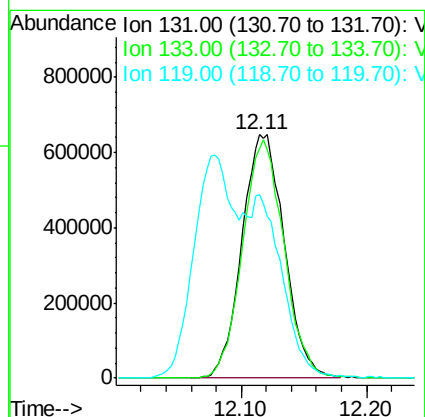
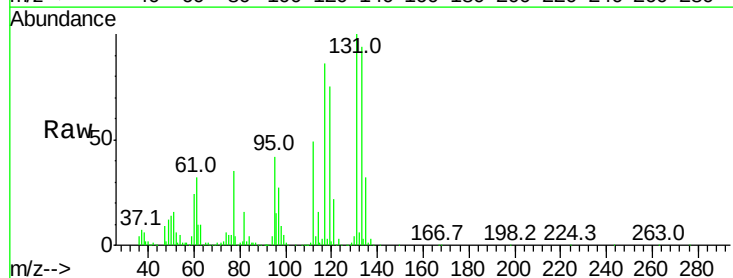
Manual Integrations
APPROVED

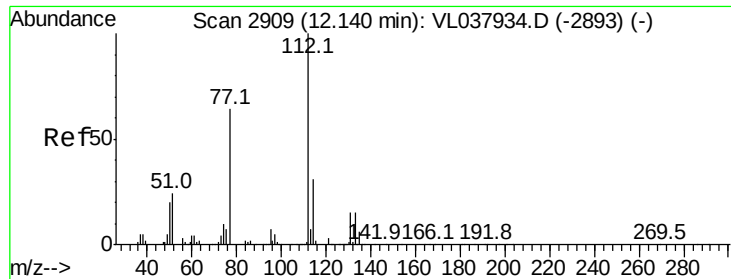
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 8.768 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion:131 Resp: 1518699
Ion Ratio Lower Upper
131 100
133 95.9 79.6 119.4
119 154.4 125.4 188.2



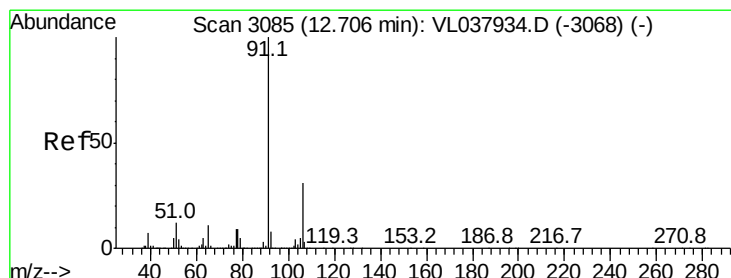
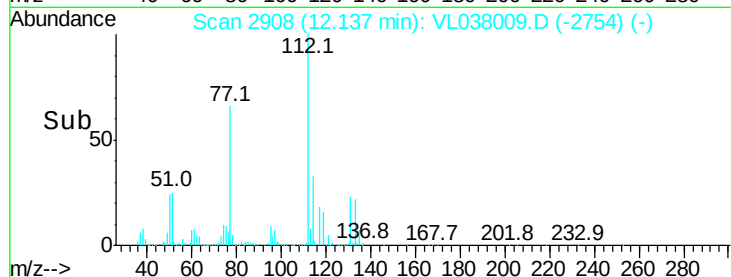
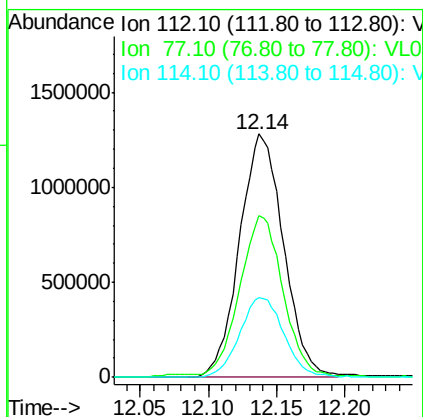
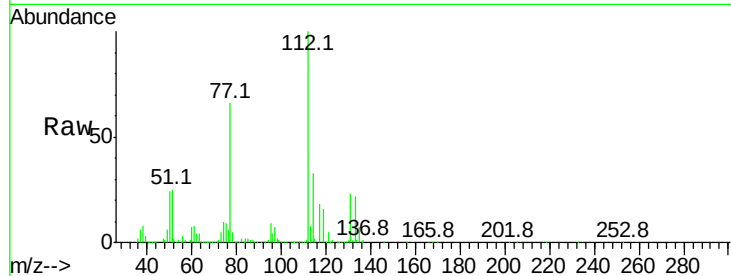


#57
Chlorobenzene
Concen: 8.338 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1110ABS01
Acq: 10 Nov 2021 14:12

Tot Ion: 1
Ion Ratio
112 100
77 65.
114 32.

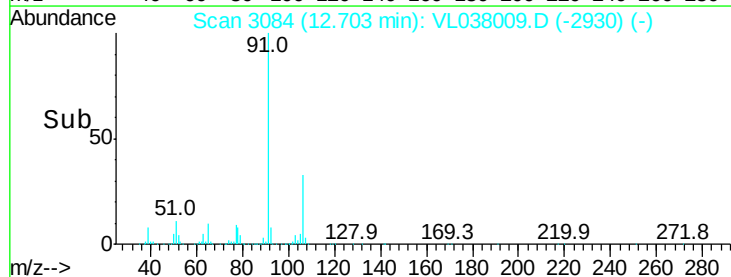
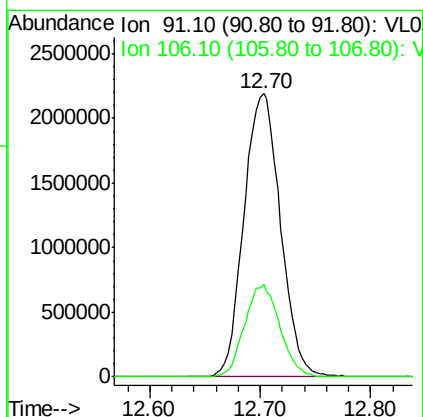
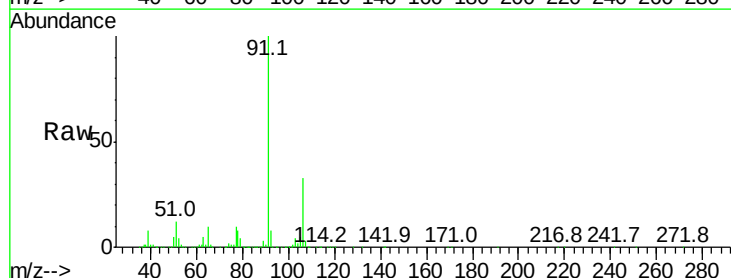
Manual Integrations
APPROVED

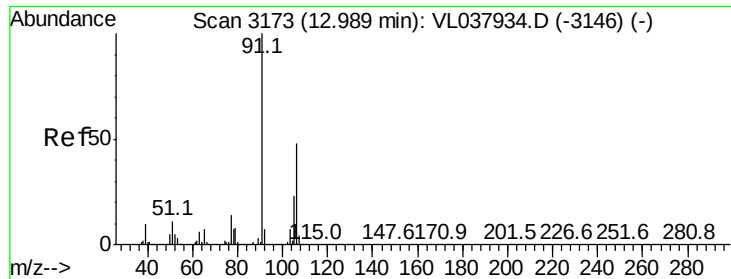
Reviewed By : Semsettin Yesilyurt 11/11/2021
Supervised By : Mahesh Dadoda 11/17/2021



#58
Ethyl Benzene
Concen: 9.580 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion: 91 Resp: 5025823
Ion Ratio Lower Upper
91 100
106 32.6 25.1 37.7



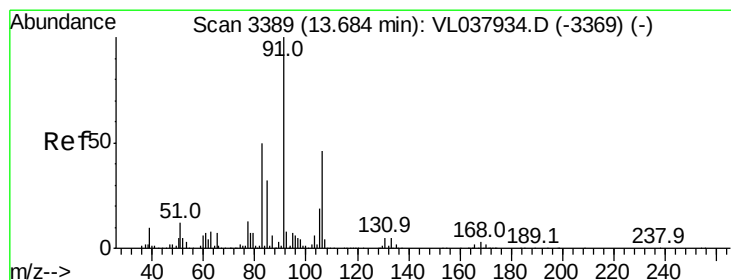
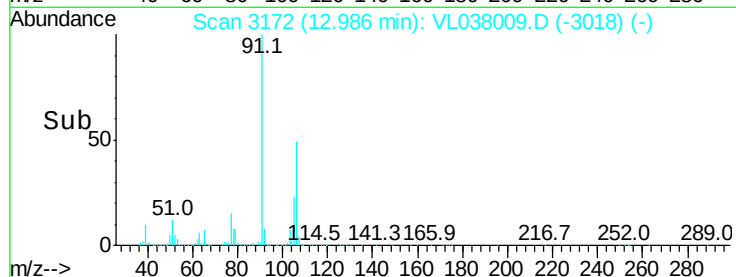
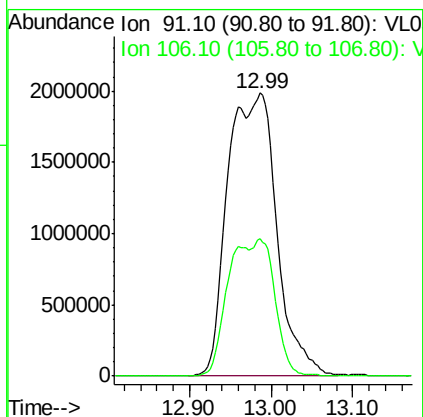
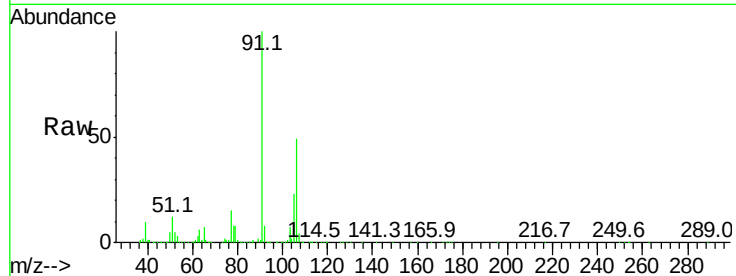


#59
m/p-Xylene
Concen: 17.813 ppbv m
RT: 12.99
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 10 Nov 2021 14:12

Tot Ion:
Ion Ratio
91 100
106 45.

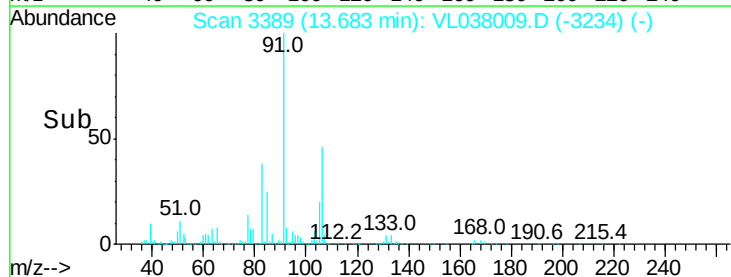
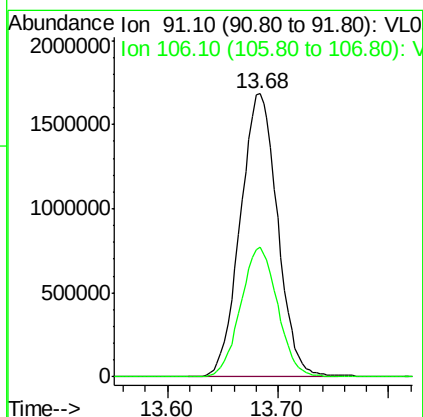
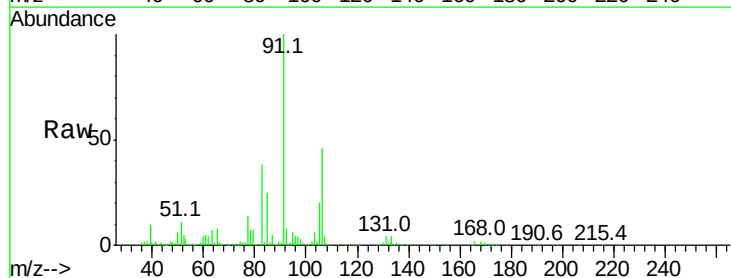
Manual Integrations
APPROVED

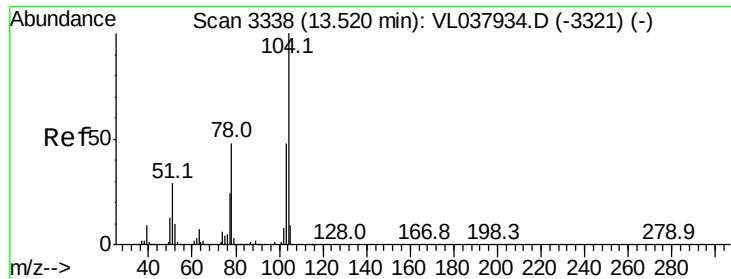
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
o-Xylene
Concen: 8.933 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL038009.D
Acq: 10 Nov 2021 14:12

Tgt Ion: 91 Resp: 3927135
Ion Ratio Lower Upper
91 100
106 45.7 23.5 70.6





#61

Stvrene

Concen: 10.655 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 14:12

Tot Ion:1

Ion Rati

104 100

78 48.

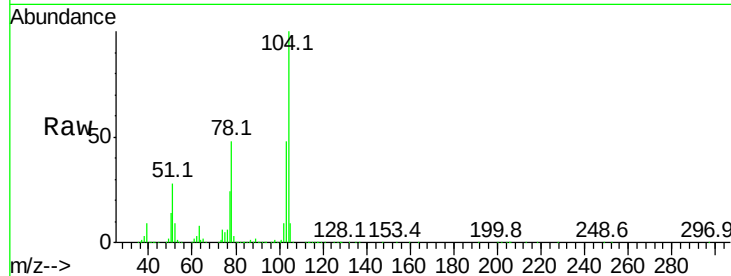
103 49.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

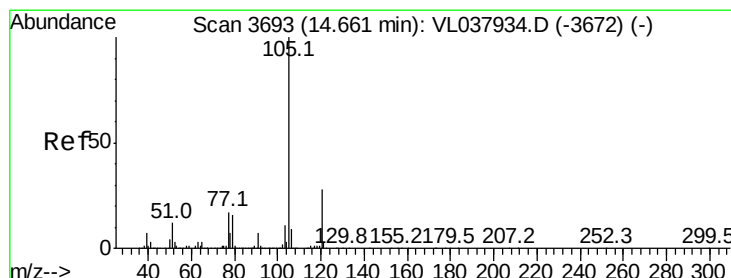
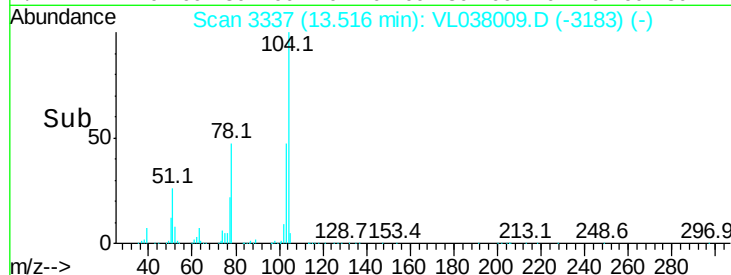
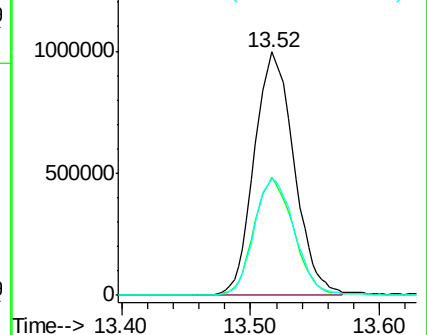
Supervised By :Mahesh Dadoda 11/17/2021



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: 8.624 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. -0.00 min

Lab File: VL038009.D

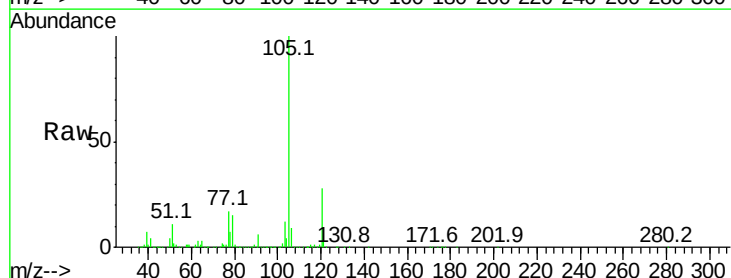
Acq: 10 Nov 2021 14:12

Tgt Ion:105 Resp: 5368310

Ion Ratio Lower Upper

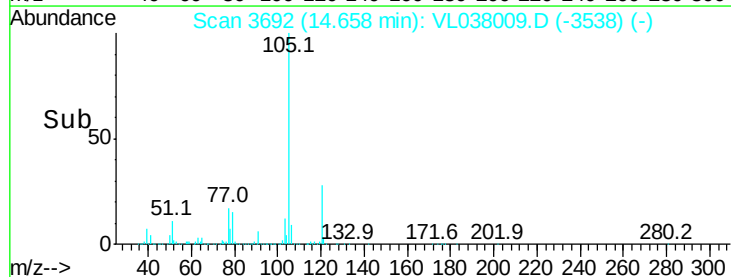
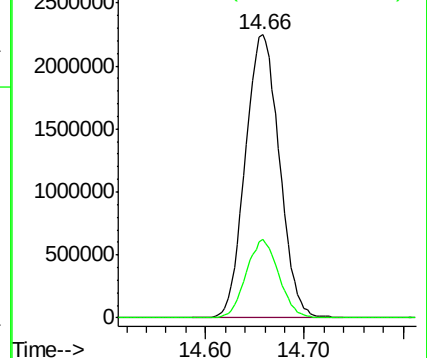
105 100

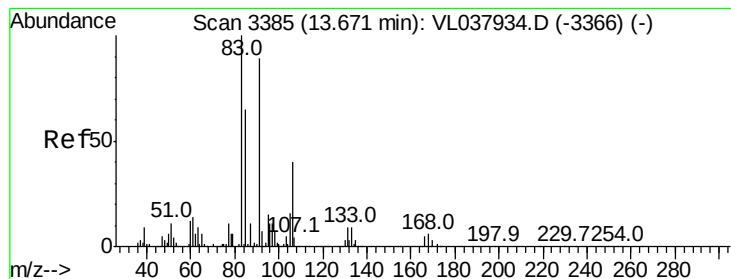
120 26.4 21.8 32.6



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: 7.131 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 14:12

Tot Ion:

Ion Ratio

83 100

131 9.

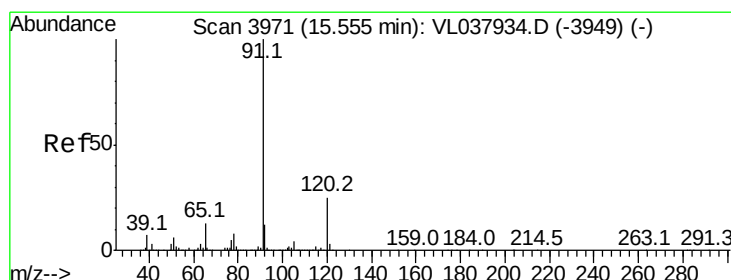
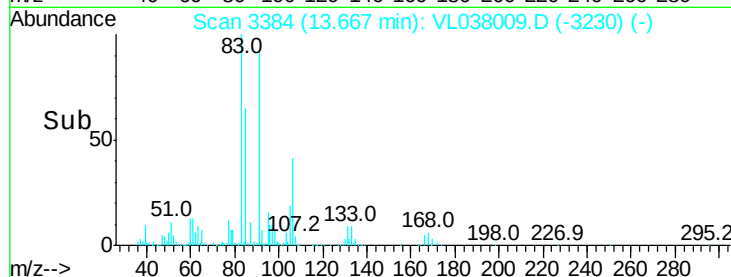
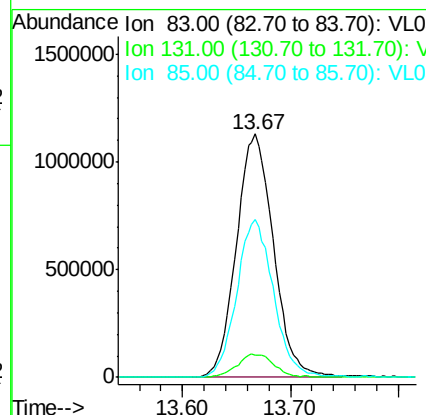
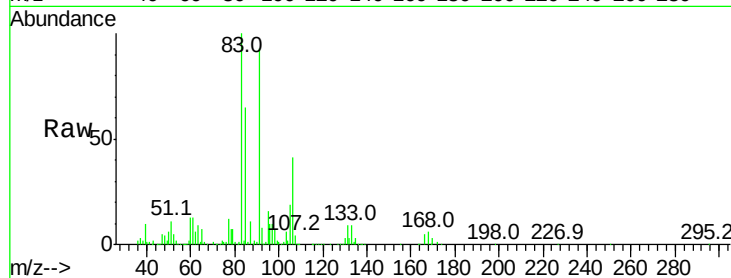
85 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#64

n-propylbenzene

Concen: 8.750 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VL038009.D

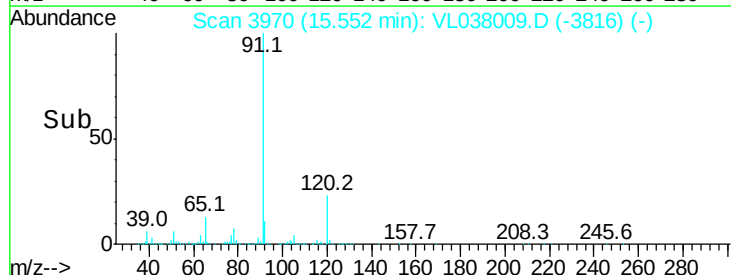
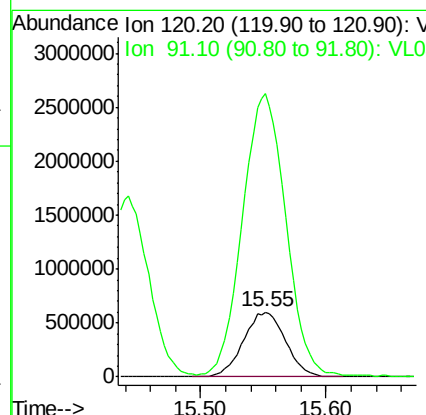
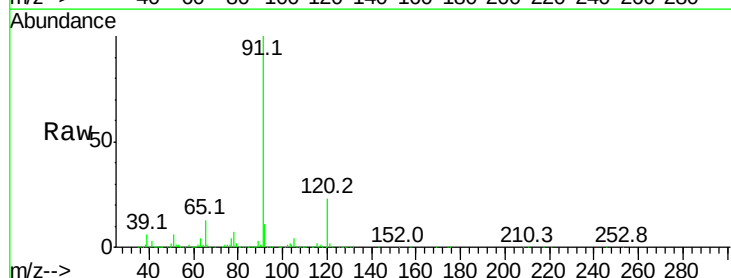
Acq: 10 Nov 2021 14:12

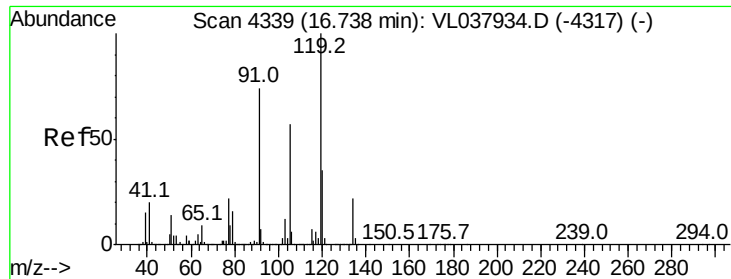
Tgt Ion:120 Resp: 1395634

Ion Ratio Lower Upper

120 100

91 453.7 363.3 544.9



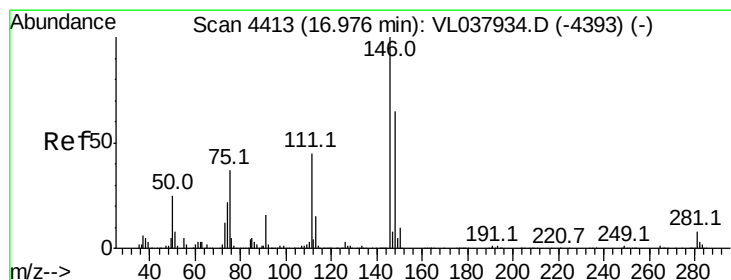
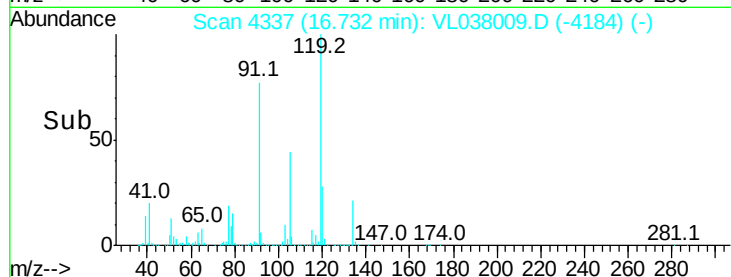
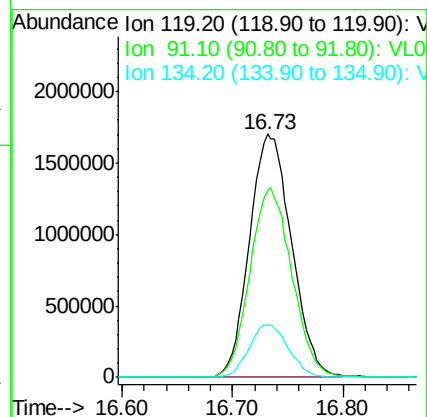
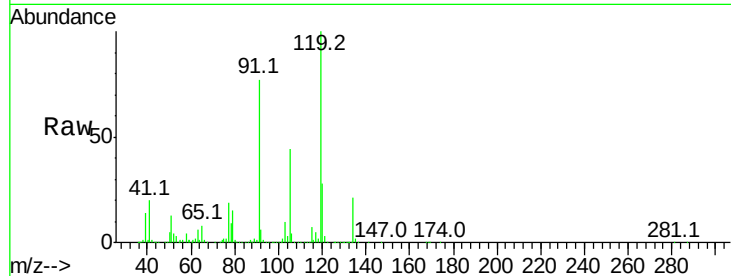


#65
 tert-Butylbenzene
 Concen: 8.168 ppbv
 RT: 16.73 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL1110ABS01
 Acq: 10 Nov 2021 14:12

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

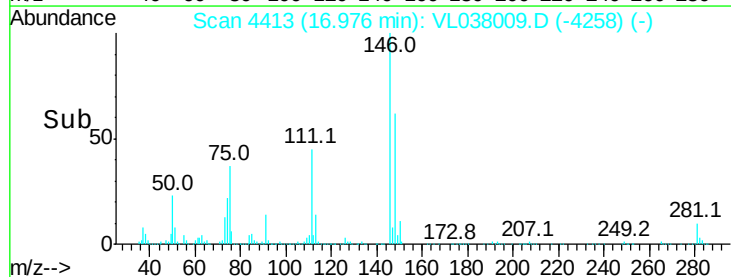
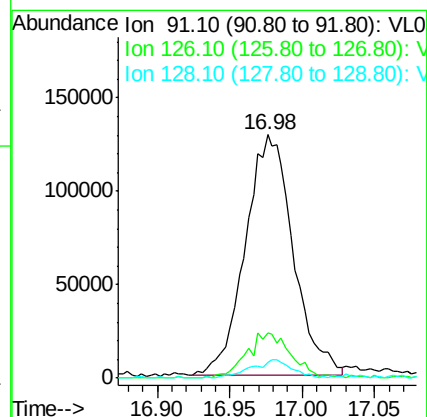
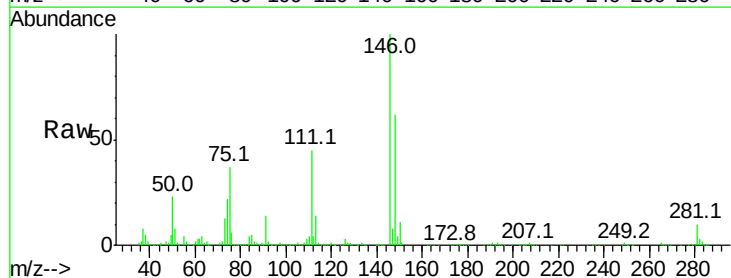
Manual Integrations
 APPROVED

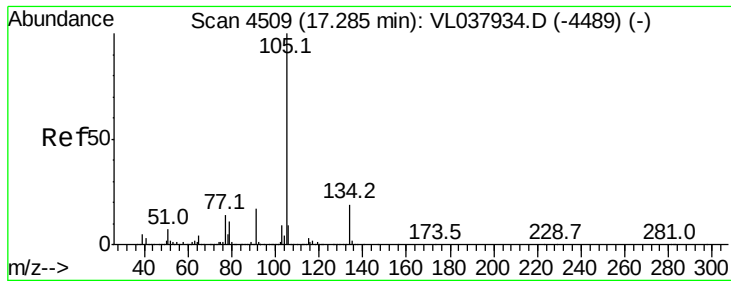
Reviewed By : Semsettin Yesilyurt 11/11/2021
 Supervised By : Mahesh Dadoda 11/17/2021



#66
 Benzyl Chloride
 Concen: 10.253 ppbv
 RT: 16.98 min Scan# 4413
 Delta R.T. -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion: 91 Resp: 294754
 Ion Ratio Lower Upper
 91 100
 126 18.0 13.8 20.6
 128 6.5 5.1 7.7





#67

sec-Butylbenzene

Concen: 8.260 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 14:12

Tot Ion:1

Ion Rati

105 100

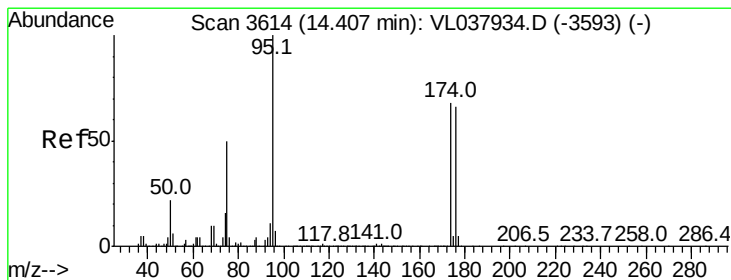
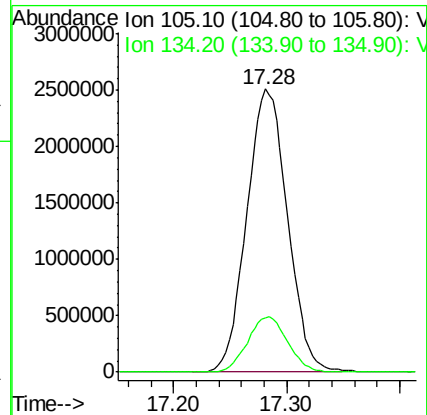
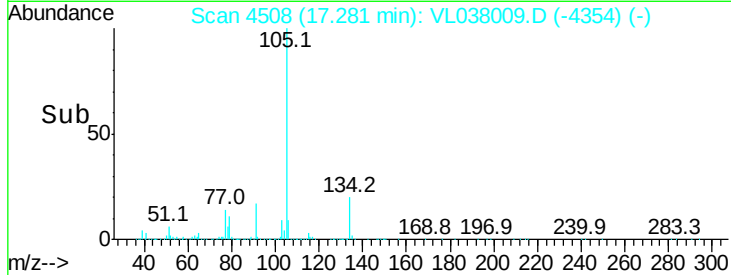
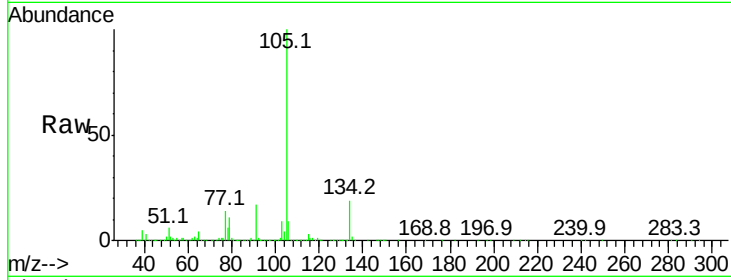
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.034 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

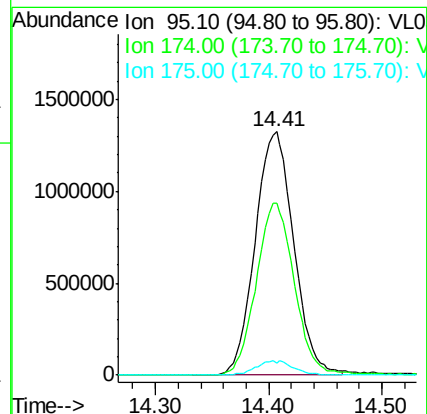
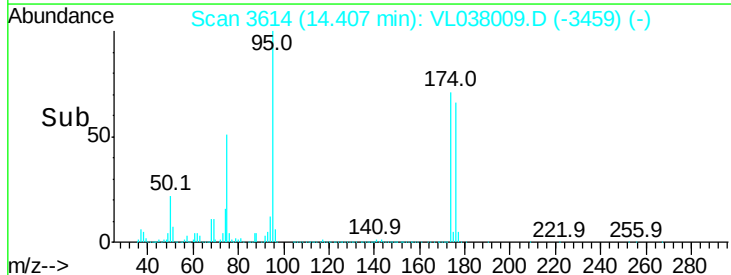
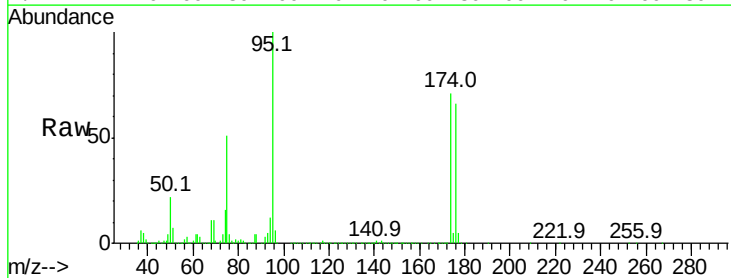
Tgt Ion: 95 Resp: 3129032

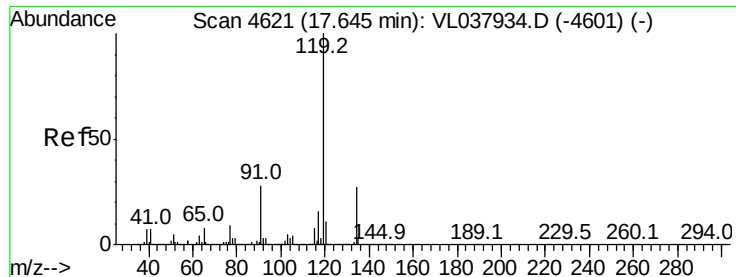
Ion Ratio Lower Upper

95 100

174 71.0 58.3 87.5

175 5.7 4.6 6.8



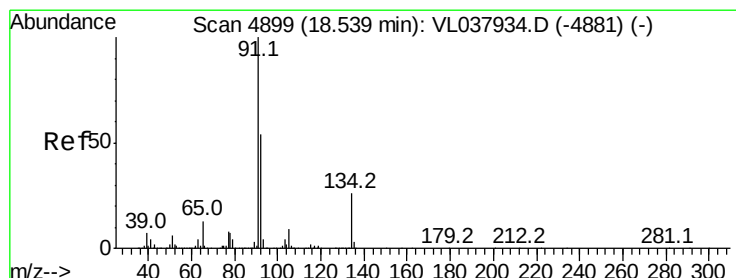
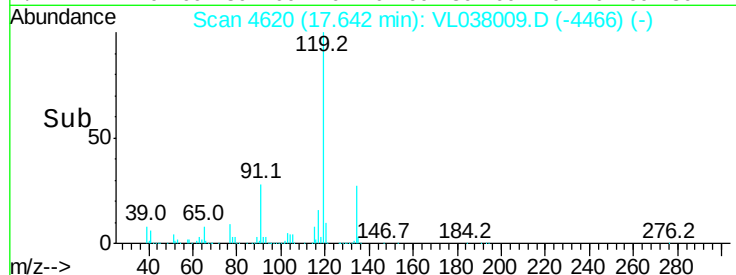
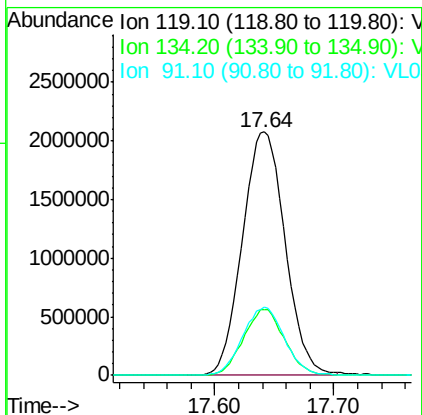
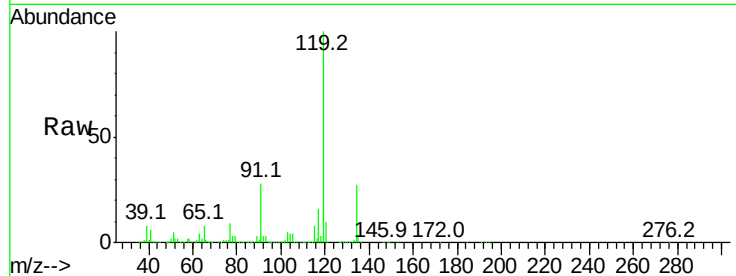


#69
 p-Isopropyltoluene
 Concen: 8.482 ppbv
 RT: 17.64 min
 Delta R.T.: -0.00 min
 Lab File: VL1110ABS01
 Acq: 10 Nov 2021 14:12

Manual Integrations
 APPROVED

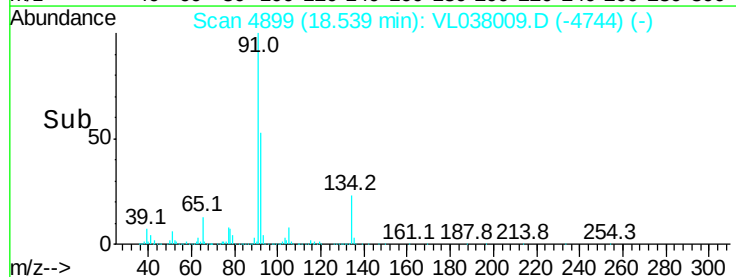
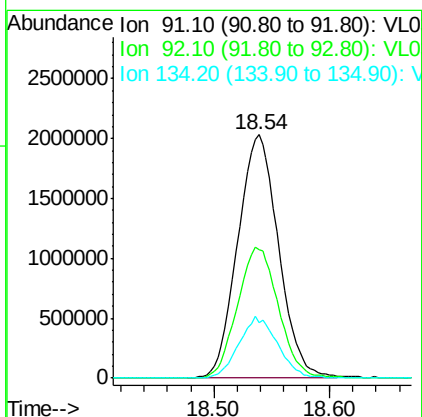
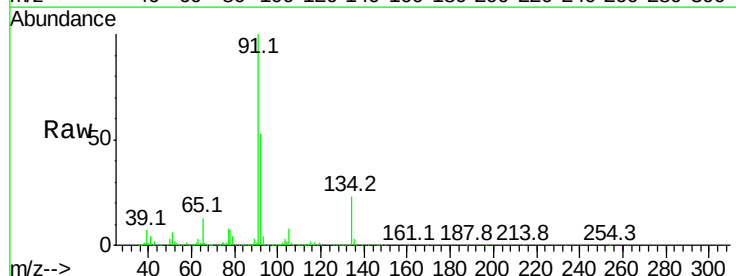
Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 27.

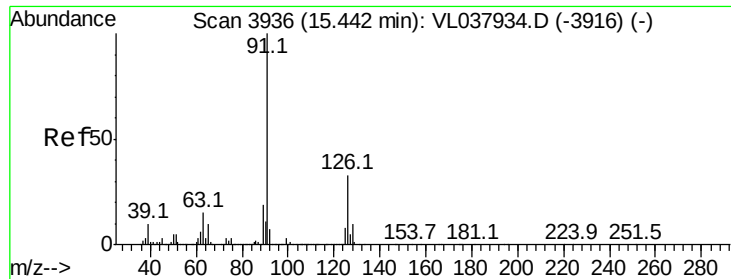
Reviewed By :Semsettin Yesilyurt 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#70
 n-Butylbenzene
 Concen: 8.892 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T.: -0.00 min
 Lab File: VL038009.D
 Acq: 10 Nov 2021 14:12

Tgt Ion: 91 Resp: 4967921
 Ion Ratio Lower Upper
 91 100
 92 54.6 43.6 65.4
 134 24.2 19.8 29.6





#71

2-Chlorotoluene

Concen: 8.862 ppbv

RT: 15.44

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 10 Nov 2021 14:12

Tot Ion:

Ion Ratio

91 100

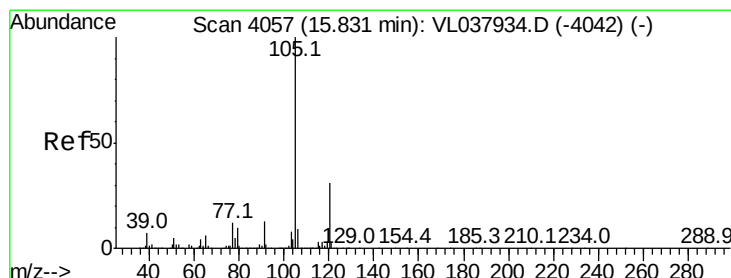
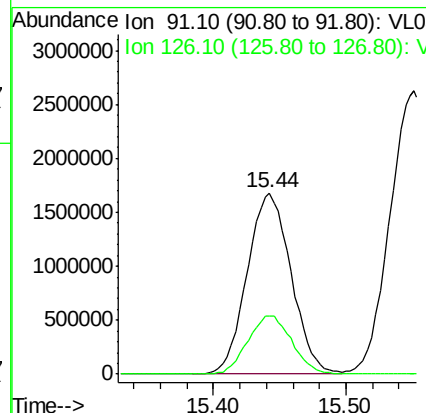
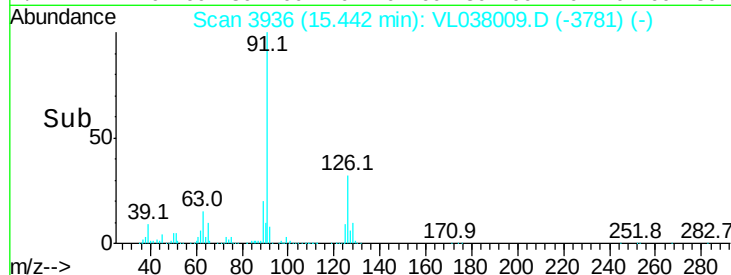
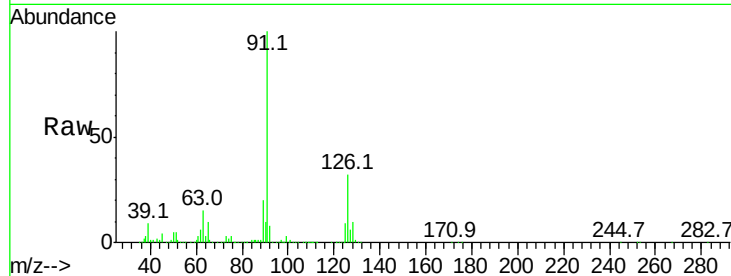
126 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#72

4-Ethyltoluene

Concen: 8.994 ppbv

RT: 15.83 min Scan# 4056

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

Tgt Ion:105 Resp: 4530072

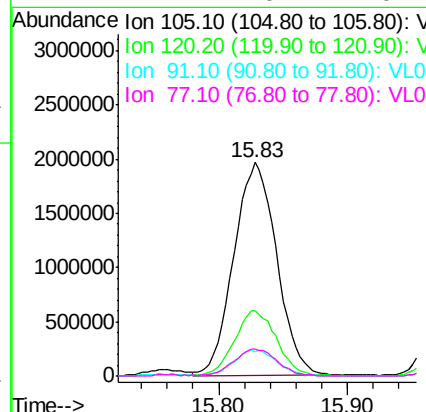
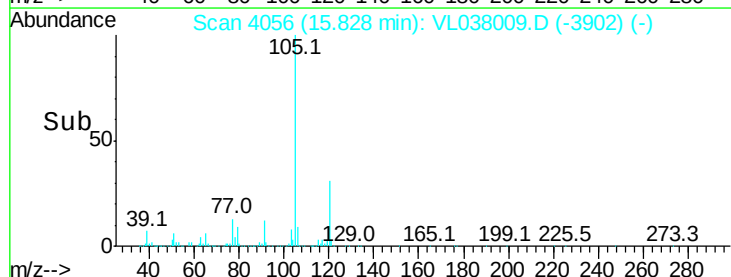
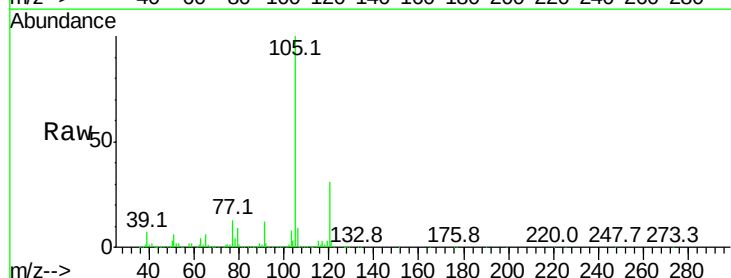
Ion Ratio Lower Upper

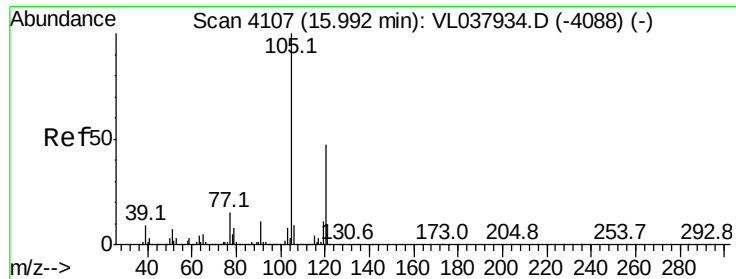
105 100

120 30.4 25.3 37.9

91 12.3 9.9 14.9

77 12.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 8.523 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Nov 2021 14:12

Tot Ion:1

Ion Ratio

105 100

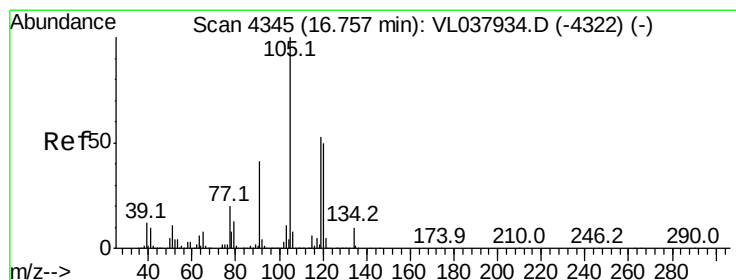
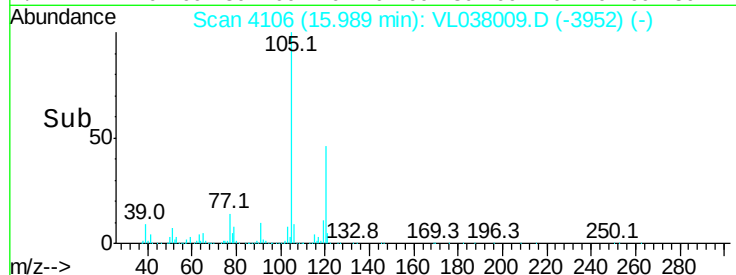
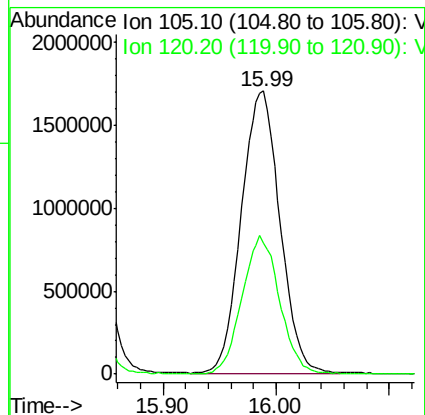
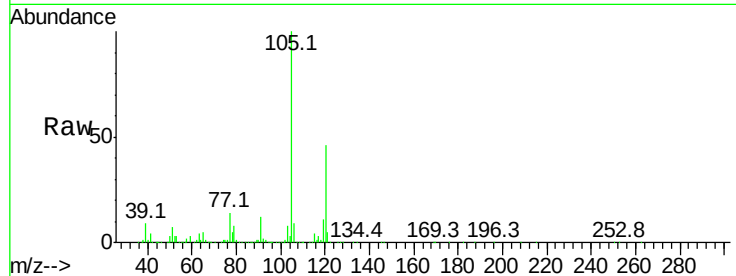
120 46.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#74

1,2,4-Trimethylbenzene

Concen: 8.219 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

Tgt Ion:105 Resp: 4061229

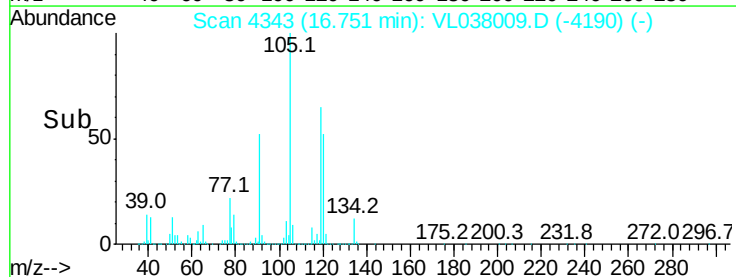
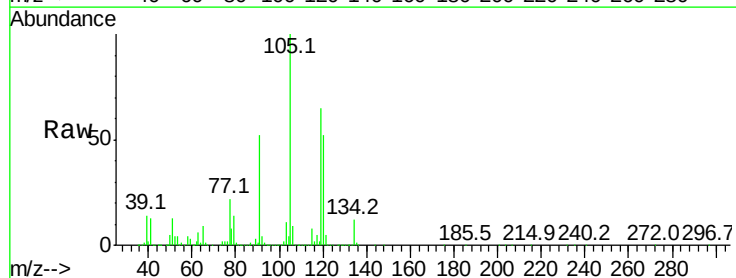
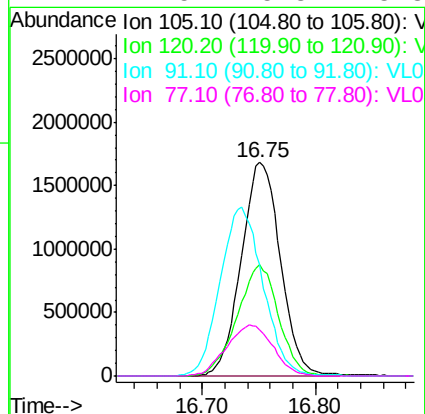
Ion Ratio Lower Upper

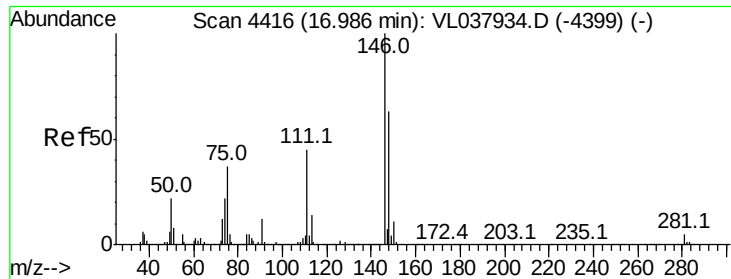
105 100

120 51.8 40.0 60.0

91 52.0 32.6 49.0#

77 21.5 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 7.922 ppbv

RT: 16.99

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 10 Nov 2021 14:12

Tot Ion:1

Ion Rati

146 100

111 46.

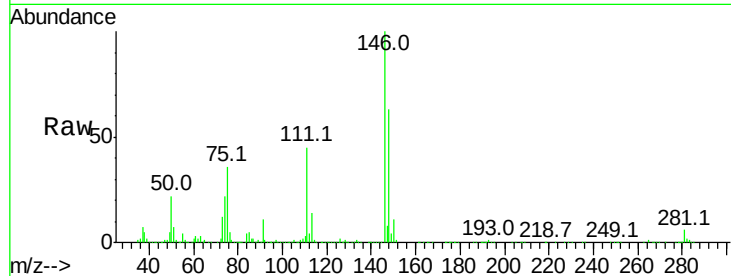
148 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

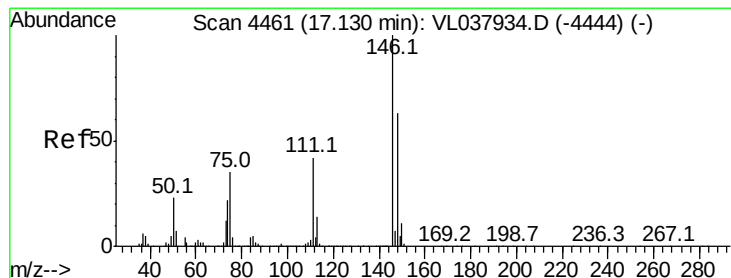
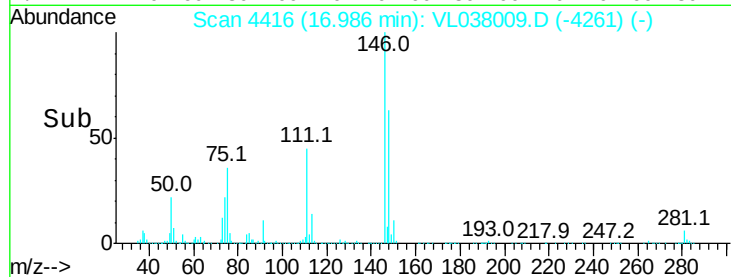
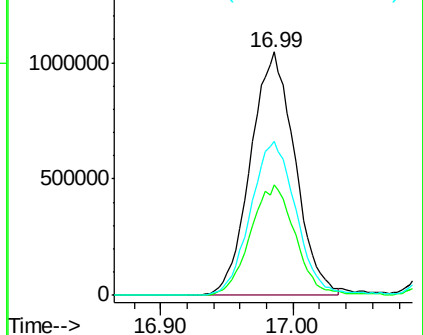
Supervised By :Mahesh Dadoda 11/17/2021



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: 8.055 ppbv

RT: 17.13 min Scan# 4461

Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

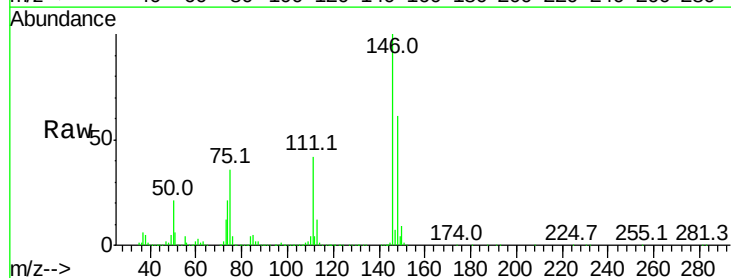
Tgt Ion:146 Resp: 2398038

Ion Ratio Lower Upper

146 100

111 44.6 22.7 68.1

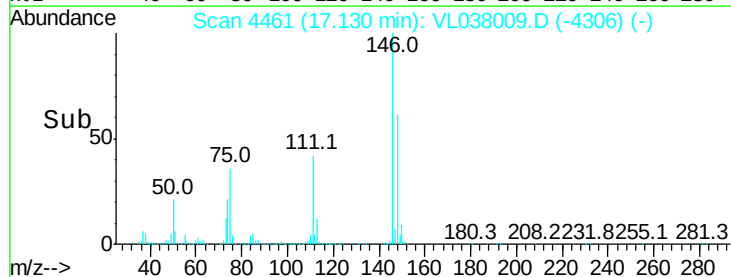
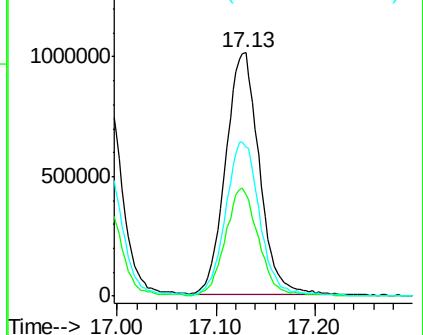
148 64.7 33.5 100.4

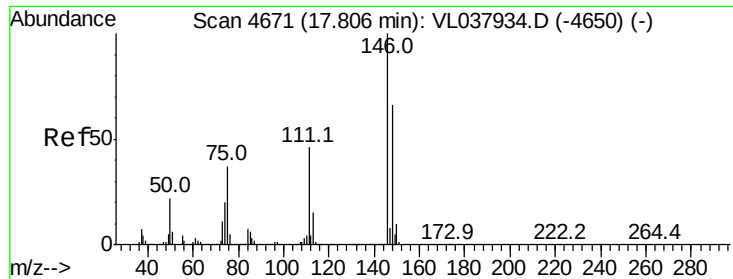


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 8.055 ppbv

RT: 17.80

Delta R.T. MSVOA_L

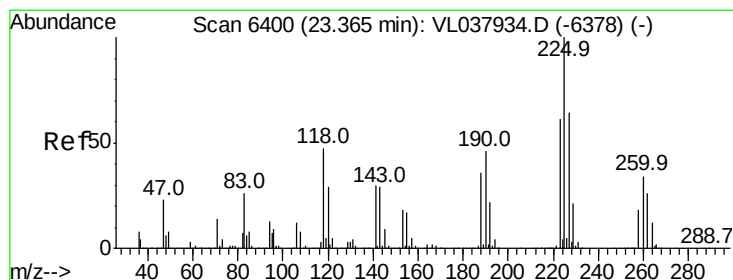
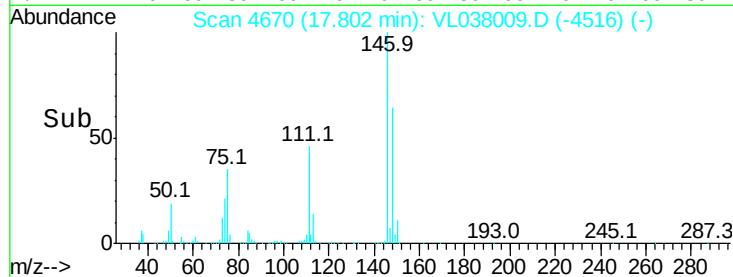
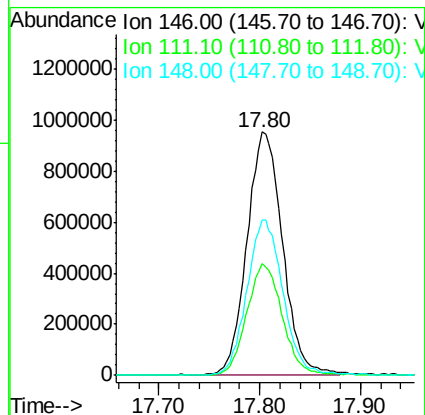
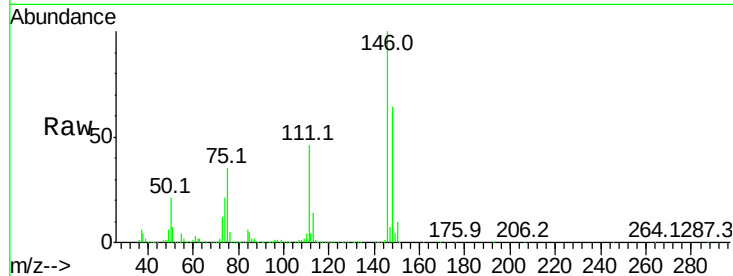
Lab File: ClientSampleId:

Acq: 10 Nov 2021 14:12

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

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#78

Hexachloro-1,3-Butadiene

Concen: 7.572 ppbv

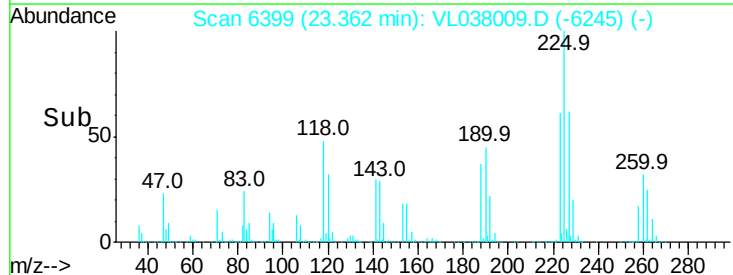
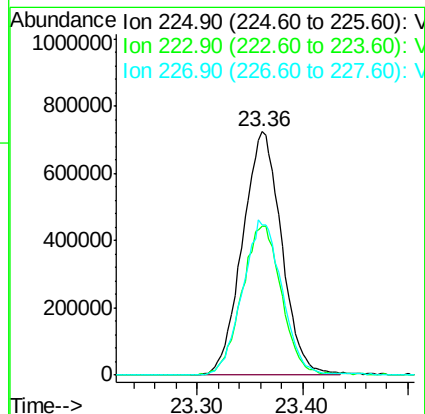
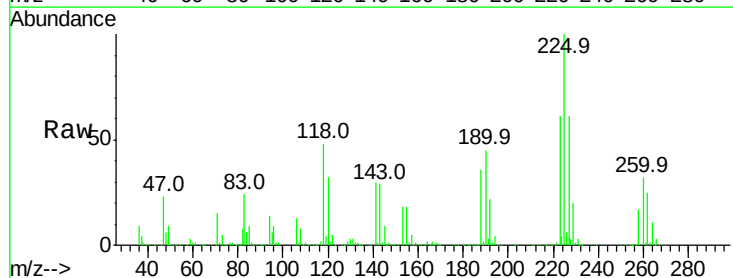
RT: 23.36 min Scan# 6399

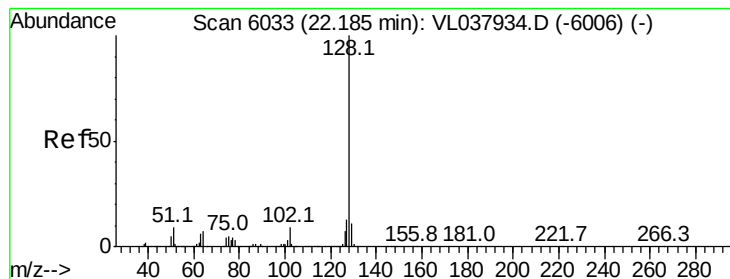
Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

Tgt Ion:225 Resp: 1872278
Ion Ratio Lower Upper
225 100
223 62.4 50.0 75.0
227 64.4 51.5 77.3





#79

Naphthalene

Concen: 10.817 ppbv

RT: 22.18

Delta R.T. MSVOA_L

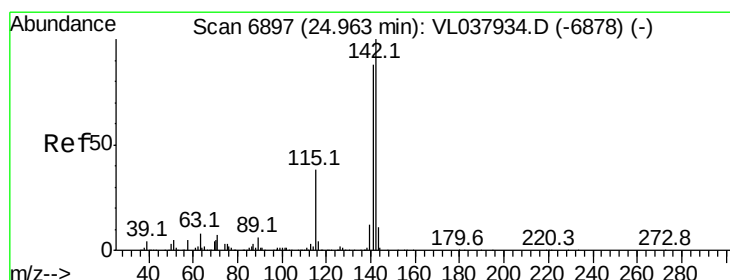
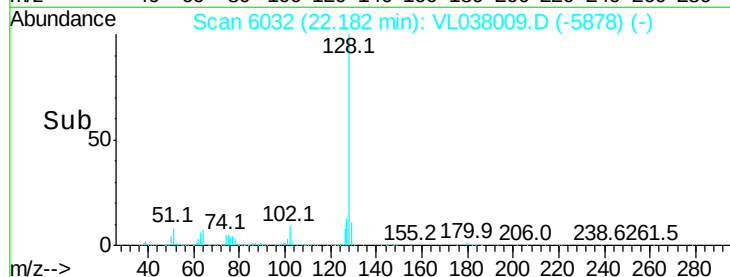
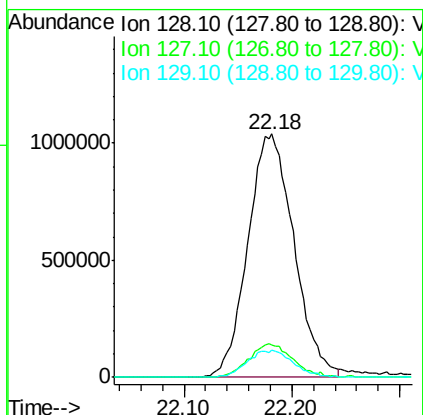
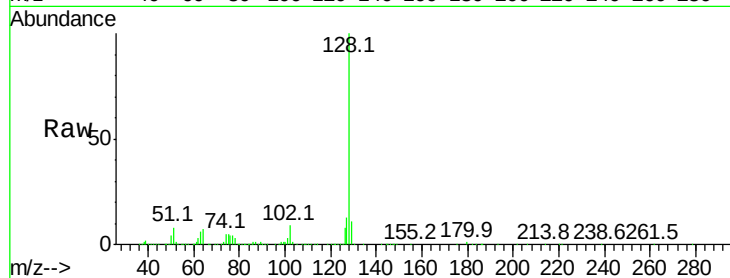
Lab File: ClientSampleId :

Acq: 10 Nov 2021 14:12

Tot Ion:1
Ion Rati
128 100
127 13.
129 11.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80

Naphthalene, 2-methyl-

Concen: 7.920 ppbv

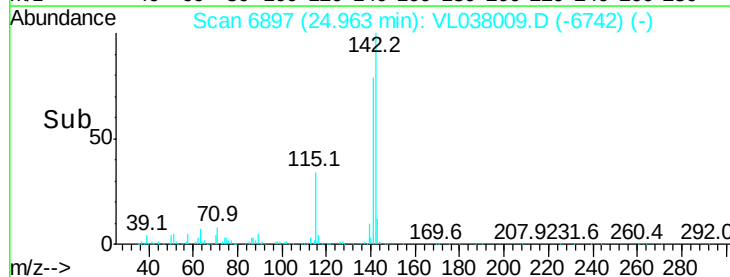
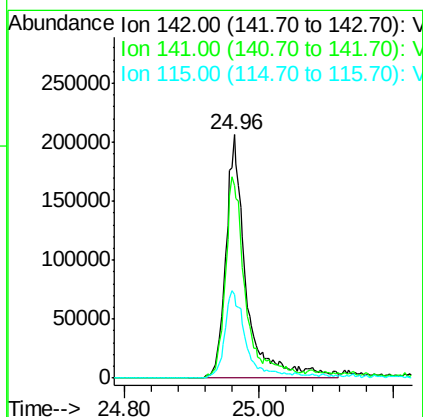
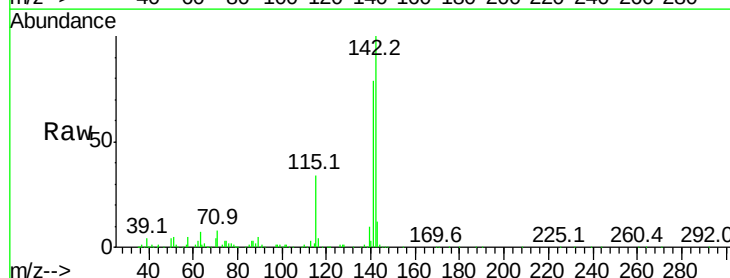
RT: 24.96 min Scan# 6897

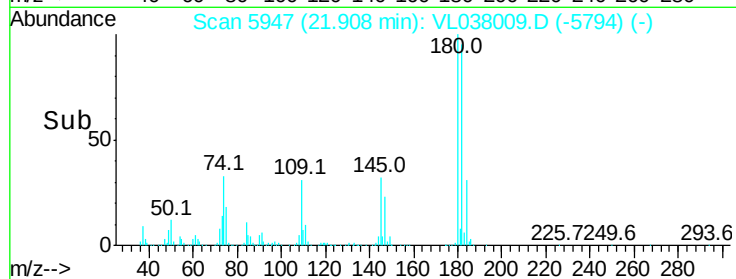
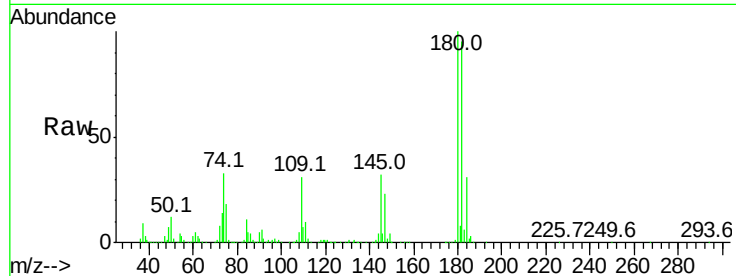
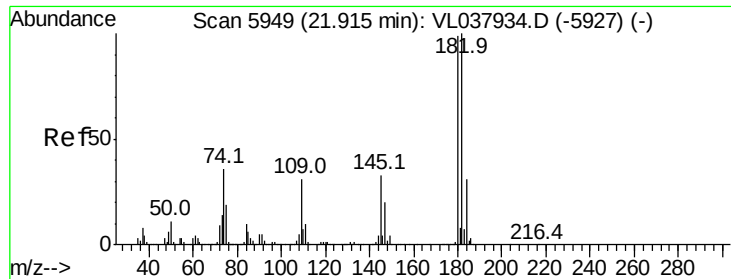
Delta R.T. -0.00 min

Lab File: VL038009.D

Acq: 10 Nov 2021 14:12

Tgt Ion:142 Resp: 438925
Ion Ratio Lower Upper
142 100
141 82.0 66.4 99.6
115 39.1 29.0 43.4





#81

1,2,4-Trichlorobenzene

Concen: 9.325 ppbv

RT: 21.91

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 14.12

Tot Ion:1

Ion Rati

180 100

182 100.

184 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021

