

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
 Data File : VL038751.D
 Acq On : 24 Mar 2022 17:05
 Operator : SY/AP
 Sample : VL0324ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0324ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 09:53:08 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A

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

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	866100	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2332805	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2160569m	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1723843	10.41	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	1068746	9.18	ppbv	100
3) Chlorodifluoromethane	3.00	51	836593	9.15	ppbv	97
4) Chloromethane	3.15	50	448935	8.94	ppbv	97
5) Vinyl Chloride	3.27	62	476806	9.34	ppbv	99
6) Bromomethane	3.48	94	272140	10.00	ppbv	97
7) Chloroethane	3.57	64	171002	10.12	ppbv	99
8) Dichlorotetrafluoroethane	3.20	85	1165081	10.02	ppbv	99
9) Propene	3.02	41	359764	8.15	ppbv	99
10) Heptane	8.13	43	944525	8.95	ppbv	98
11) Trichlorofluoromethane	3.96	101	1115550	10.86	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.50	101	855005	10.81	ppbv	100
13) Ethanol	3.62	45	36972m	7.59	ppbv	
14) Bromoethene	3.75	108	384483	10.94	ppbv	96
15) Acetone	3.86	43	751839	10.06	ppbv	99
16) 1,3-Butadiene	3.34	39	417984	9.86	ppbv	99
17) tert-Butyl alcohol	4.29	59	756409	11.59	ppbv	100
18) 1,1-Dichloroethene	4.30	96	377237	10.62	ppbv	98
19) Isopropyl Alcohol	3.97	45	421358	10.17	ppbv	99
20) Methylene Chloride	4.36	84	311844	9.91	ppbv	96
21) Allyl Chloride	4.42	41	586938	10.91	ppbv	98
22) trans-1,2-Dichloroethene	4.90	96	418472	11.35	ppbv	97
23) Vinyl Acetate	5.08	43	848175	11.72	ppbv	99
24) 1,1-Dichloroethane	5.02	63	767243	10.77	ppbv	99
25) Ethyl Acetate	5.69	43	1736466	9.23	ppbv	99
26) Hexane	5.70	57	776861	9.22	ppbv	99
27) Carbon Disulfide	4.56	76	990636	11.99	ppbv	100
28) Methyl tert-Butyl Ether	5.04	73	730915	11.65	ppbv	99
29) Chloroform	5.76	83	1297330	9.62	ppbv	99
30) Cyclohexane	7.14	84	674490	9.21	ppbv	96
31) cis-1,2-Dichloroethene	5.56	61	785780	9.92	ppbv	100
32) 1,1,1-Trichloroethane	6.52	97	1313312	10.09	ppbv	99
34) 2-Butanone	5.25	43	860371	9.32	ppbv	97
35) Carbon Tetrachloride	7.03	117	1388698	10.26	ppbv	100
36) Benzene	6.90	78	1629179	9.05	ppbv	99
37) 1,2-Dichloroethane	6.32	62	912197	9.96	ppbv	98
38) Trichloroethene	7.84	130	729582	9.67	ppbv	99
39) 1,2-Dichloropropane	7.62	63	610843	8.68	ppbv	96
40) 1,4-Dioxane	7.84	88	213152	8.72	ppbv #	1
41) Tetrahydrofuran	6.06	42	598825	8.71	ppbv	95
42) Bromodichloromethane	7.80	83	1407537	10.25	ppbv	100
43) Methyl Methacrylate	8.02	69	659366	9.86	ppbv	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
 Data File : VL038751.D
 Acq On : 24 Mar 2022 17:05
 Operator : SY/AP
 Sample : VL0324ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0324ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 09:53:08 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A

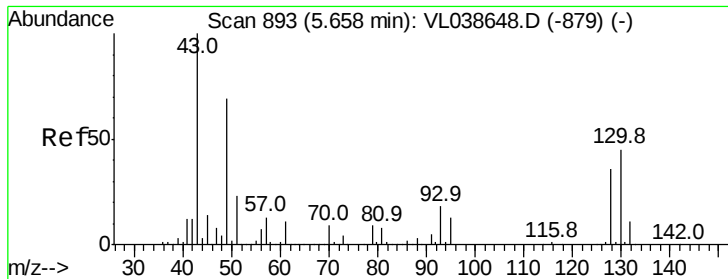
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	2635177	8.72	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	773991	11.39	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	958052	10.42	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	660054	8.78	ppbv	98
48) Dibromochloromethane	10.31	129	1207357	10.26	ppbv	99
49) Bromoform	13.05	173	975766	10.17	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	1557323	9.07	ppbv	98
51) 2-Hexanone	10.14	43	1181792	9.58	ppbv #	99
52) Tetrachloroethene	11.23	164	594621	9.03	ppbv	97
53) Toluene	9.82	91	1864005	9.64	ppbv	98
54) 1,2-Dibromoethane	10.62	107	983776	9.59	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.14	131	835854	9.33	ppbv #	58
57) Chlorobenzene	12.16	112	1373050	8.81	ppbv	97
58) Ethyl Benzene	12.72	91	2393504	9.48	ppbv	100
59) m/p-Xylene	13.01	91	4094449m	18.53	ppbv	
60) o-Xylene	13.70	91	1940540	9.25	ppbv	100
61) Styrene	13.54	104	1138448	10.01	ppbv	97
62) Isopropylbenzene	14.68	105	2824638	8.96	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	1248069	7.68	ppbv	99
64) n-propylbenzene	15.57	120	750438	9.07	ppbv	97
65) tert-Butylbenzene	16.75	119	2542411	8.97	ppbv	98
66) Benzyl Chloride	17.00	91	650136	12.12	ppbv	100
67) sec-Butylbenzene	17.30	105	3615983	8.92	ppbv	100
69) p-Isopropyltoluene	17.66	119	3009084	9.10	ppbv	99
70) n-Butylbenzene	18.56	91	3150795	9.24	ppbv	99
71) 2-Chlorotoluene	15.46	91	2100492	8.97	ppbv	100
72) 4-Ethyltoluene	15.84	105	2306167	9.31	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	2055826	9.11	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	2240779	9.12	ppbv	95
75) 1,3-Dichlorobenzene	17.00	146	1356948	8.67	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	1326309	8.52	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	1333937	8.60	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1235089	8.62	ppbv	99
79) Naphthalene	22.20	128	2223131	11.84	ppbv	99
80) Naphthalene,2-methyl-	24.98	142	438102	8.70	ppbv	98
81) 1,2,4-Trichlorobenzene	21.93	180	1275925	9.93	ppbv	100

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 24 Mar 2022 17:05

Tgt Ion:

Ion Ratio

49 100

128 55.

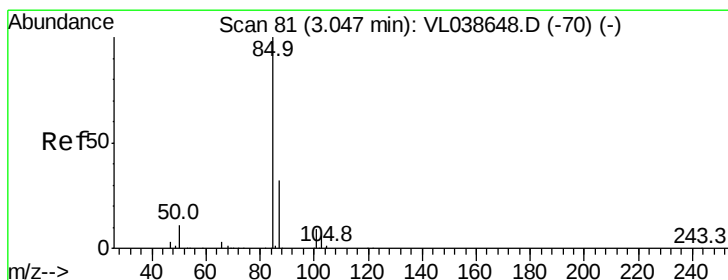
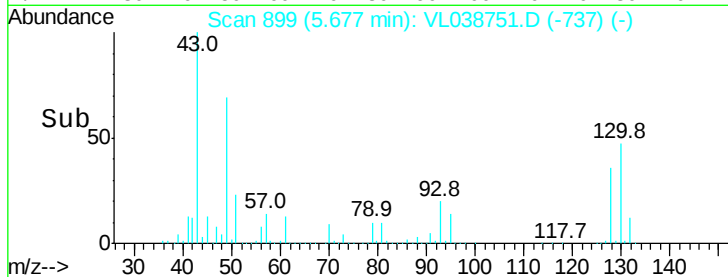
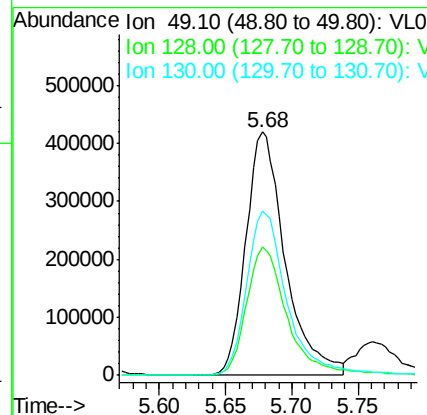
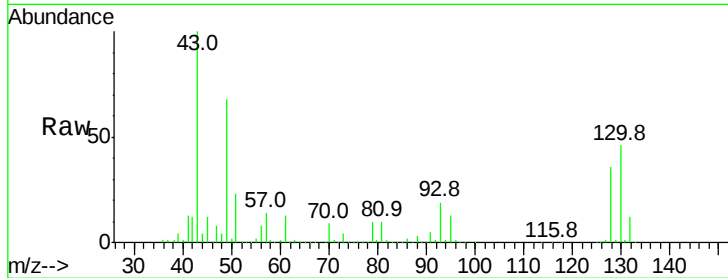
130 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#2

Dichlorodifluoromethane

Concen: 9.18 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL038751.D

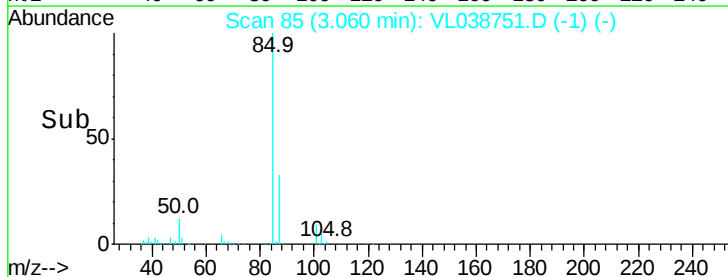
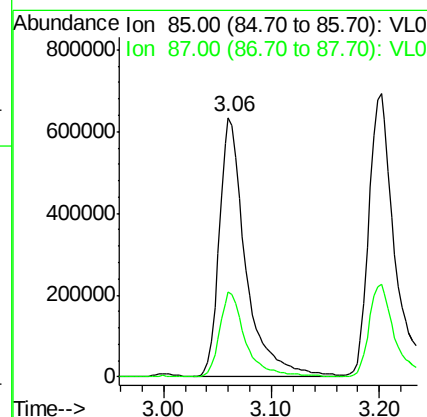
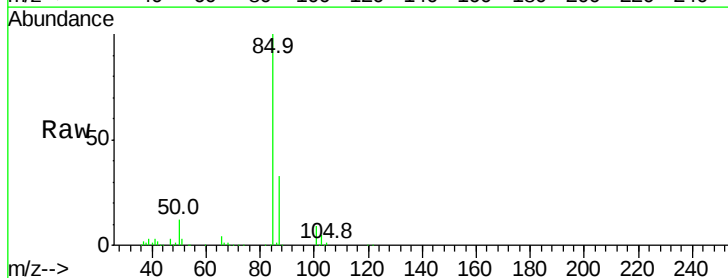
Acq: 24 Mar 2022 17:05

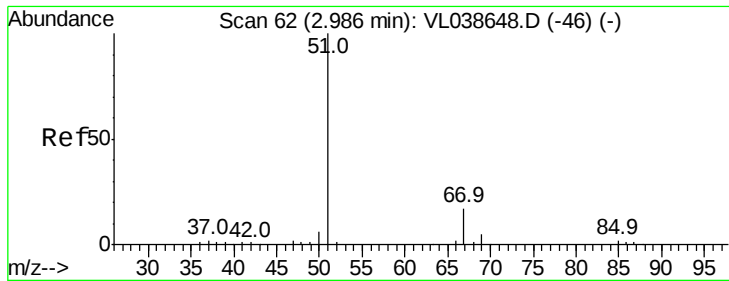
Tgt Ion: 85 Resp: 1068746

Ion Ratio Lower Upper

85 100

87 32.6 26.0 39.0



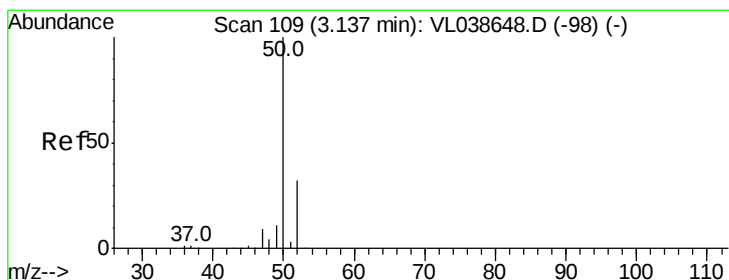
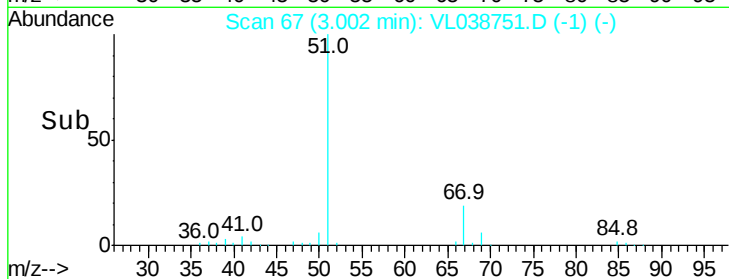
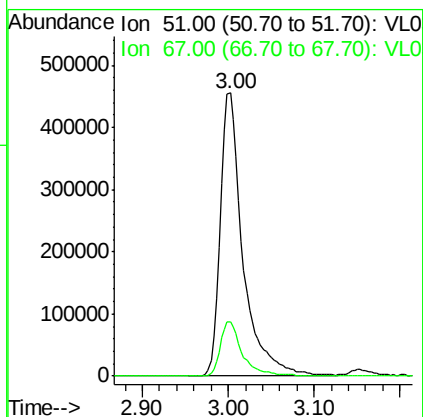
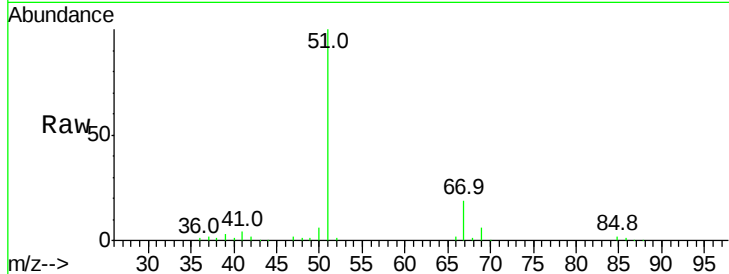


#3
Chlorodifluoromethane
Concen: 9.15 ppbv
RT: 3.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0324ABS01
Acq: 24 Mar 2022 17:05

Tgt Ion:
Ion Ratio
51 100
67 18.

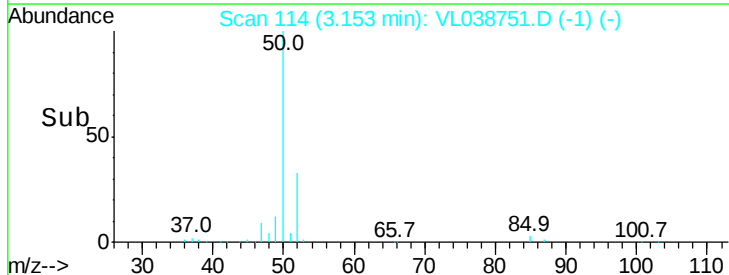
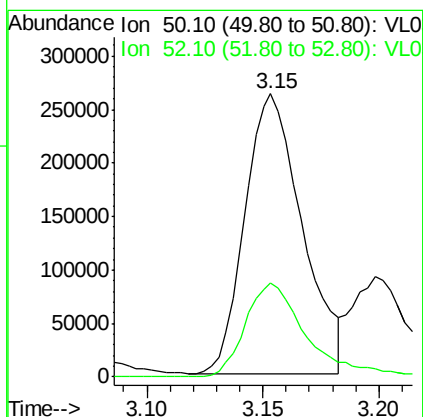
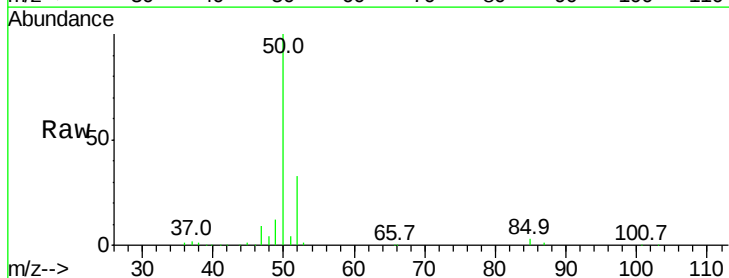
Manual Integrations
APPROVED

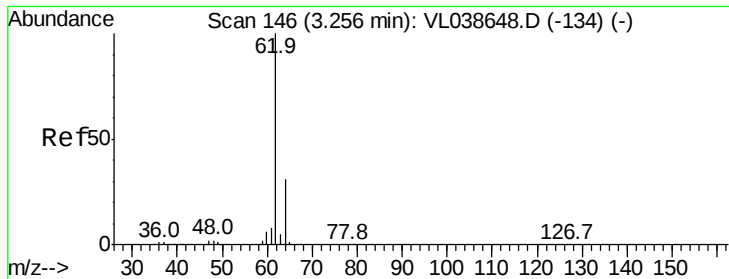
Reviewed By :Semsettin Yesilyurt 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#4
Chloromethane
Concen: 8.94 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 50 Resp: 448935
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3





#5

Vinyl Chloride

Concen: 9.34 ppbv

RT: 3.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 17:05

Tgt Ion:

Ion Ratio

62 100

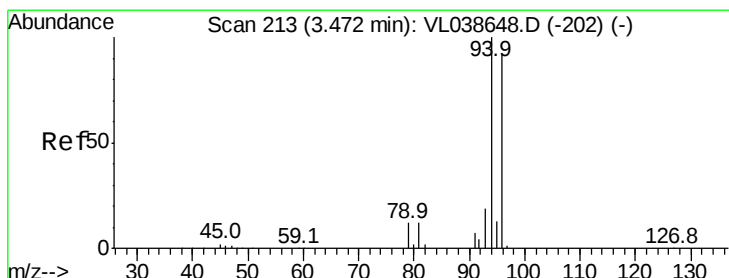
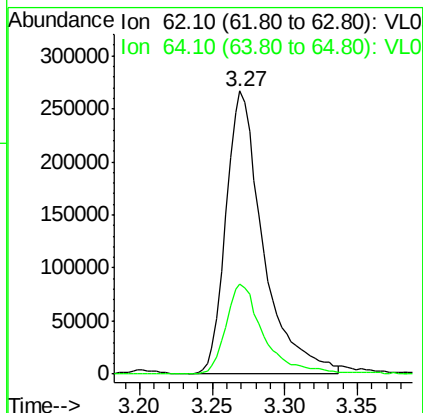
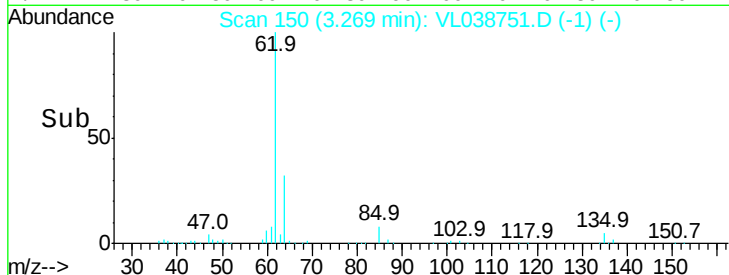
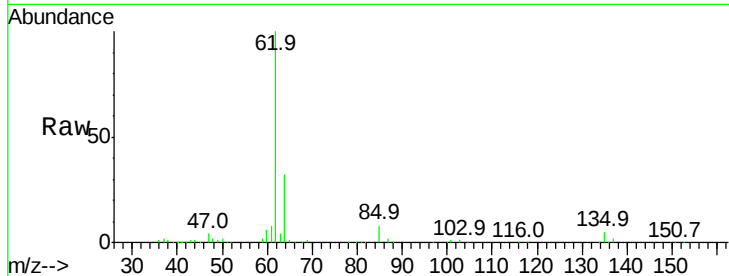
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#6

Bromomethane

Concen: 10.00 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL038751.D

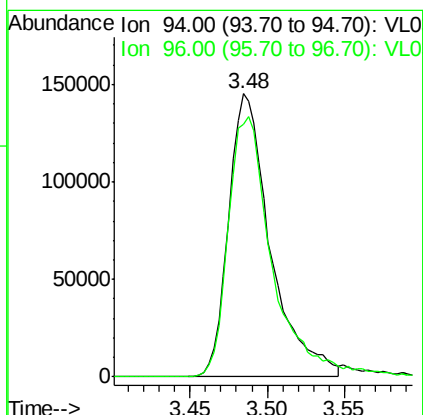
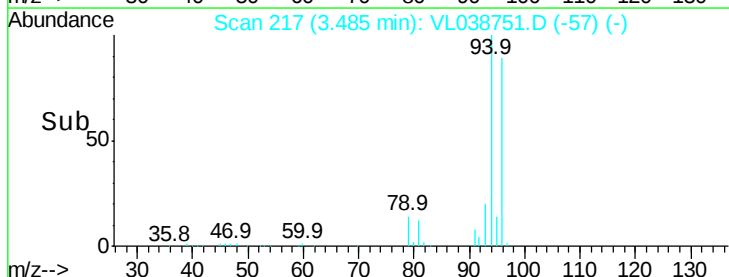
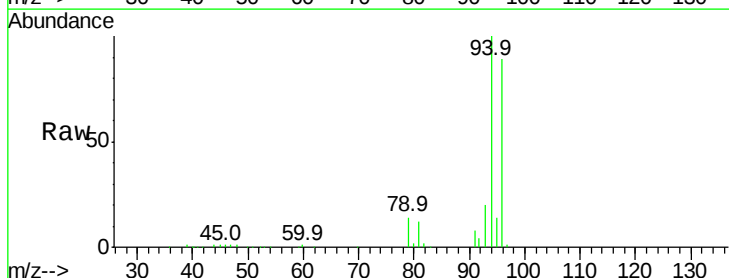
Acq: 24 Mar 2022 17:05

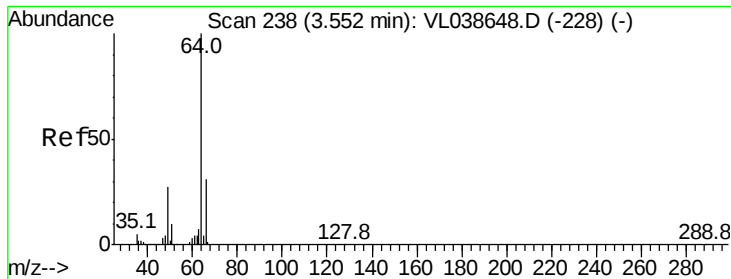
Tgt Ion: 94 Resp: 272140

Ion Ratio Lower Upper

94 100

96 89.2 73.3 109.9





#7

Chloroethane

Concen: 10.12 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 17:05

Tgt Ion:

Ion Ratio

64 100

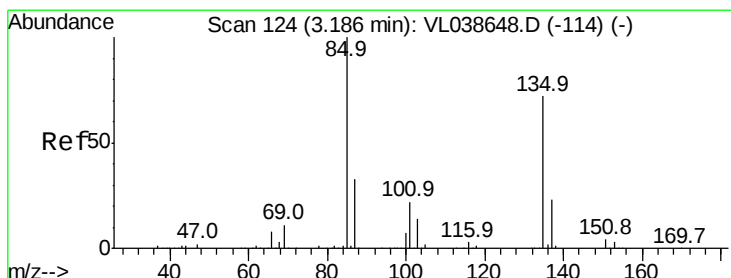
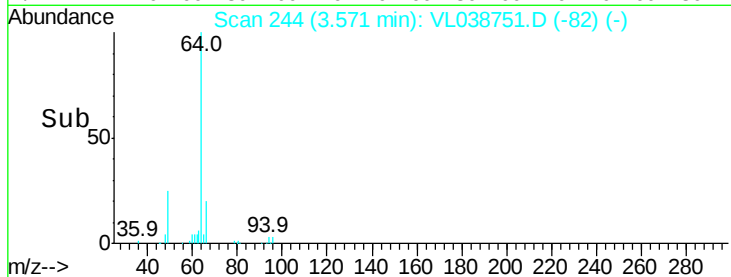
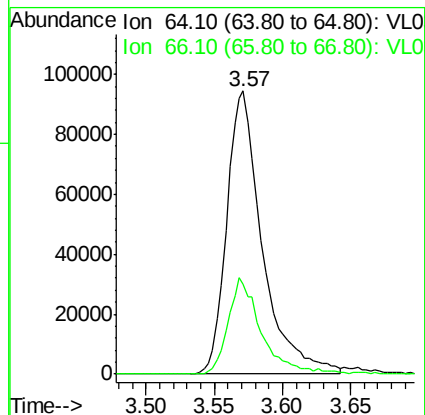
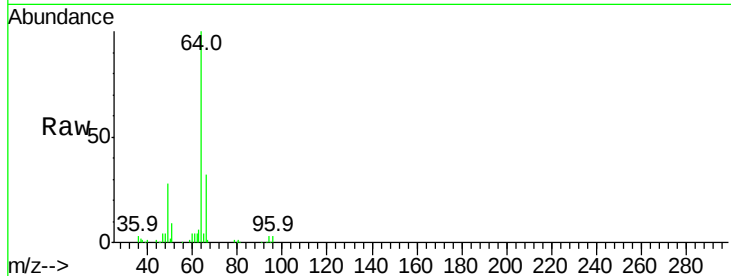
66 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#8

Dichlorotetrafluoroethane

Concen: 10.02 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.02 min

Lab File: VL038751.D

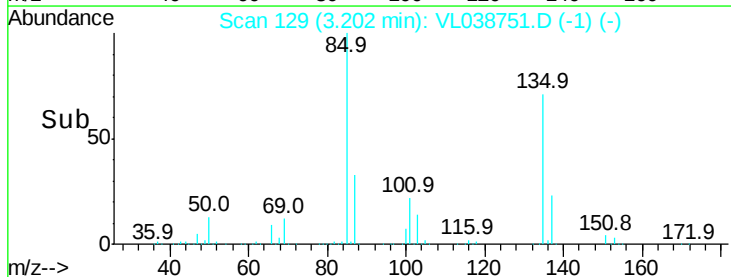
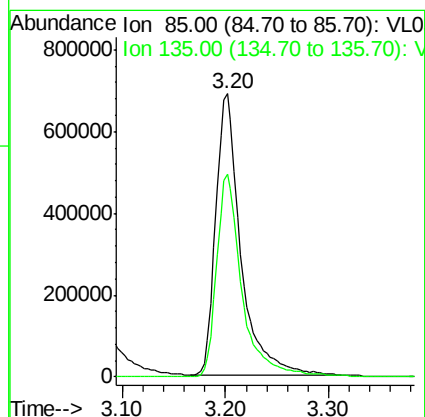
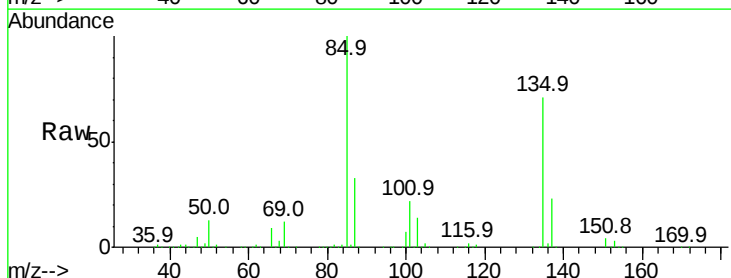
Acq: 24 Mar 2022 17:05

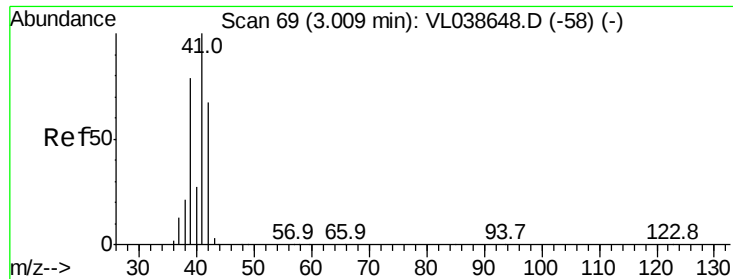
Tgt Ion: 85 Resp: 1165081

Ion Ratio Lower Upper

85 100

135 73.3 57.8 86.6





#9

Propene

Concen: 8.15 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 17:05

Tgt Ion:

Ion Ratio

41 100

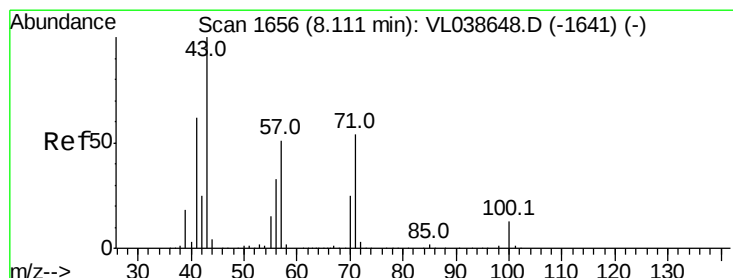
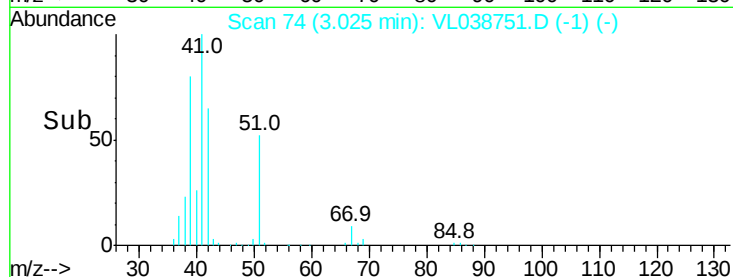
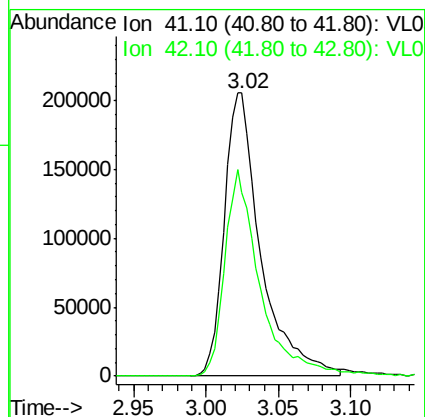
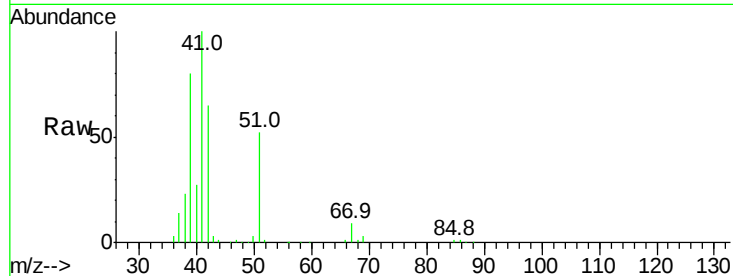
42 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#10

Heptane

Concen: 8.95 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. 0.02 min

Lab File: VL038751.D

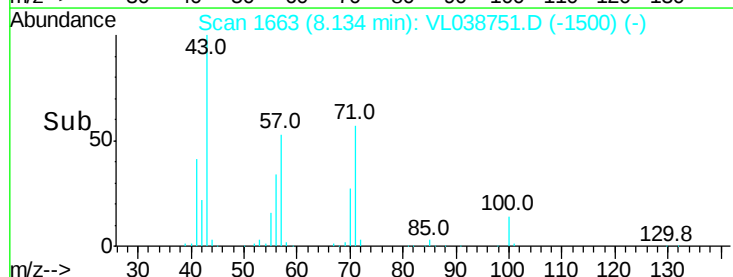
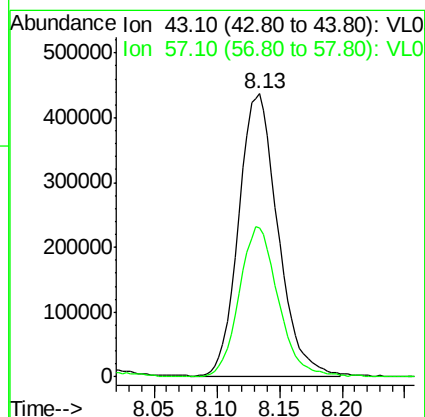
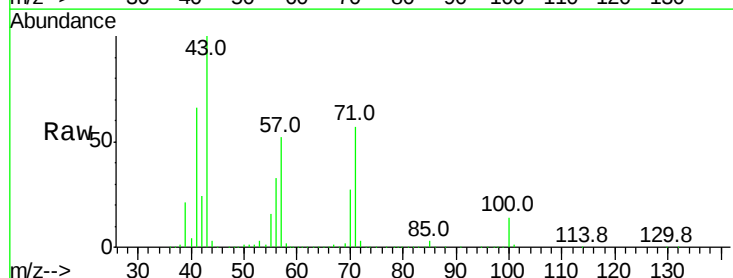
Acq: 24 Mar 2022 17:05

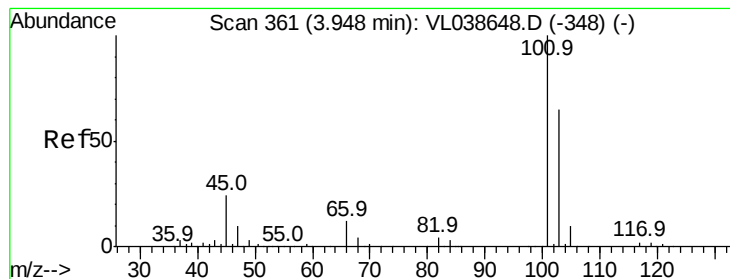
Tgt Ion: 43 Resp: 944525

Ion Ratio Lower Upper

43 100

57 53.5 41.4 62.2





#11

Trichlorofluoromethane

Concen: 10.86 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 17:05

Tgt Ion:1

Ion Ratio

101 100

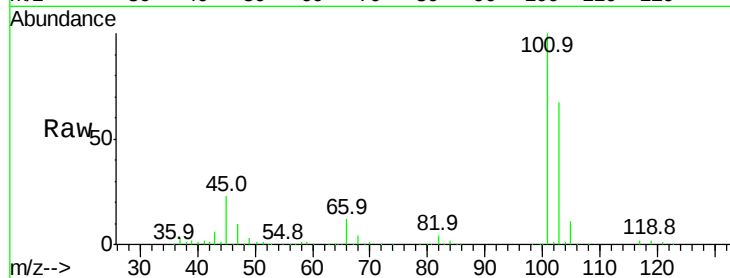
103 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.96

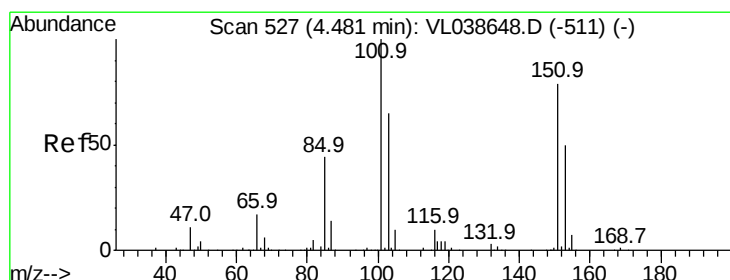
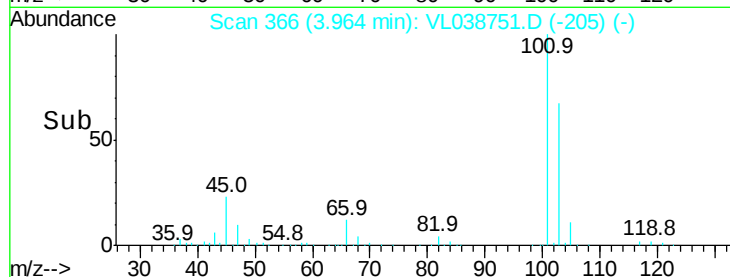
600000

400000

200000

0

Time-->



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.81 ppbv

RT: 4.50 min Scan# 532

Delta R.T. 0.02 min

Lab File: VL038751.D

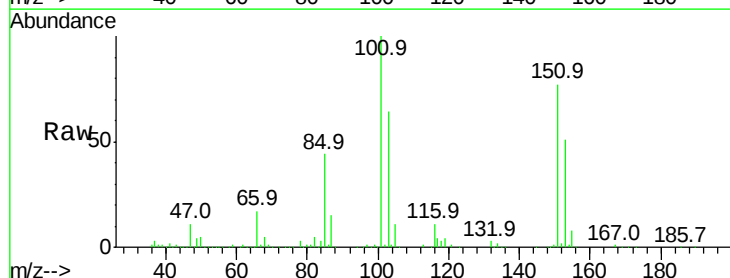
Acq: 24 Mar 2022 17:05

Tgt Ion:101 Resp: 855005

Ion Ratio Lower Upper

101 100

151 78.8 62.9 94.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

4.50

400000

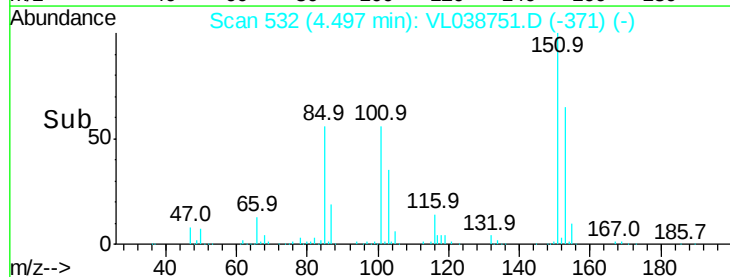
300000

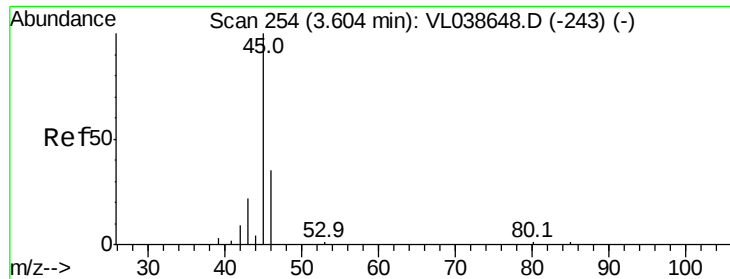
200000

100000

0

Time-->



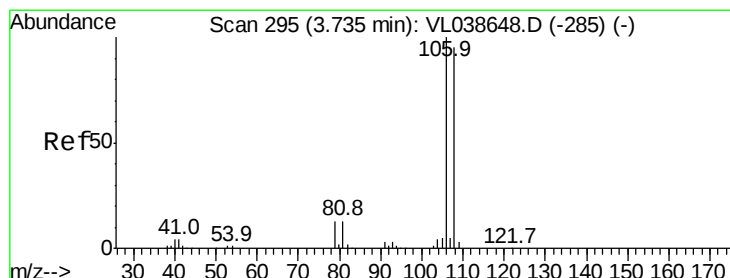
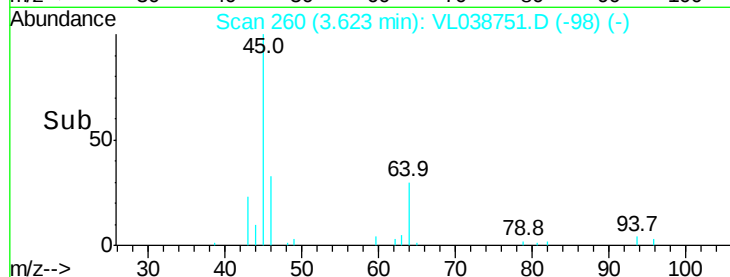
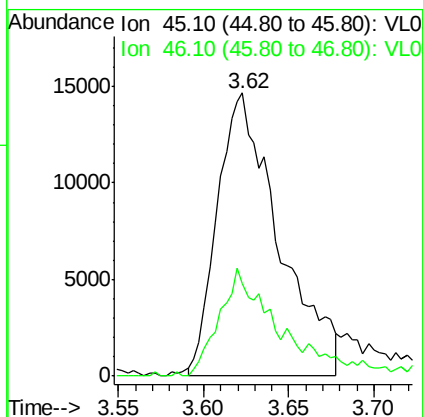
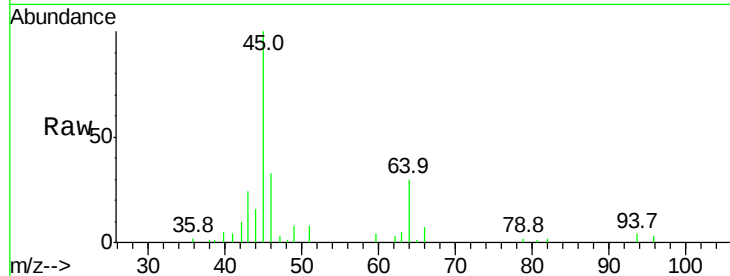


#13
Ethanol
Concen: 7.59 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0324ABS01
Acq: 24 Mar 2022 17:05

Tgt Ion:
Ion Ratio
45 100
46 39.

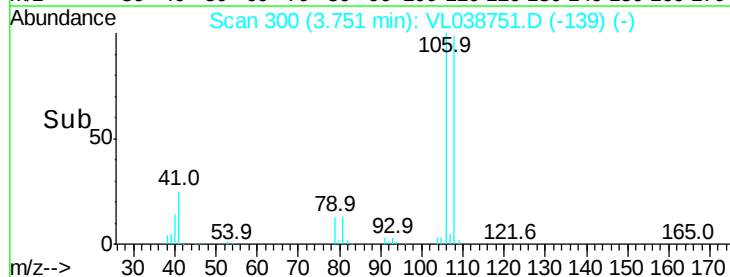
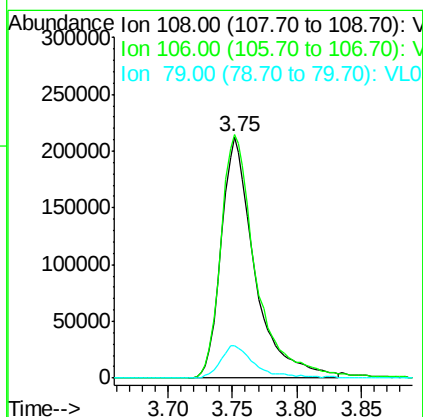
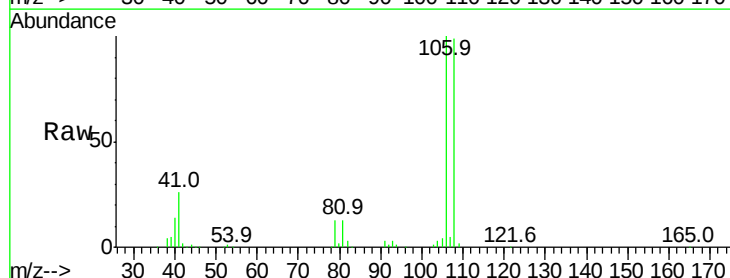
Manual Integrations
APPROVED

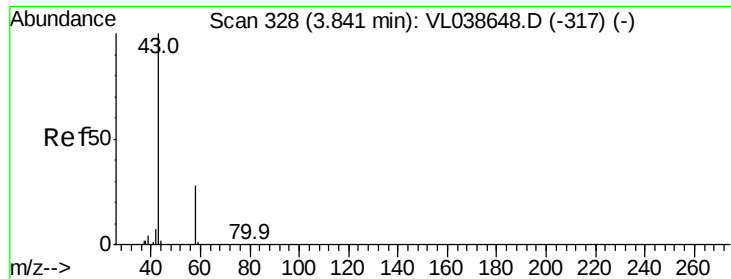
Reviewed By :Semsettin Yesilyurt 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#14
Bromoethene
Concen: 10.94 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:108 Resp: 384483
Ion Ratio Lower Upper
108 100
106 106.2 88.3 132.5
79 14.4 11.2 16.8



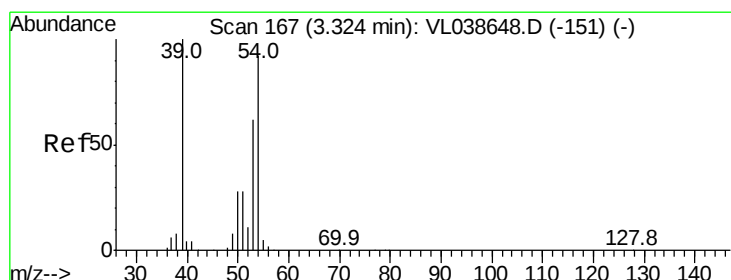
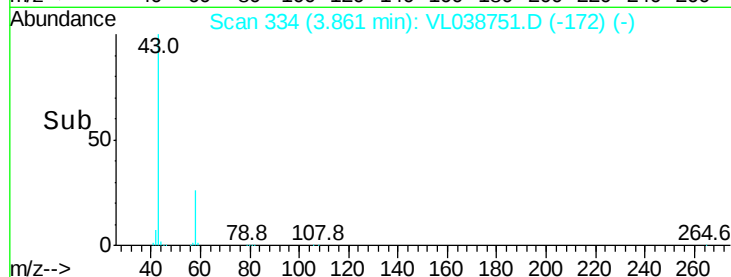
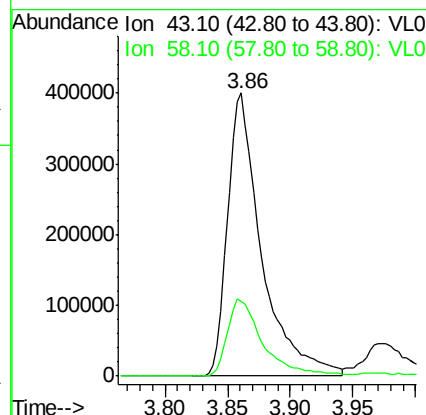
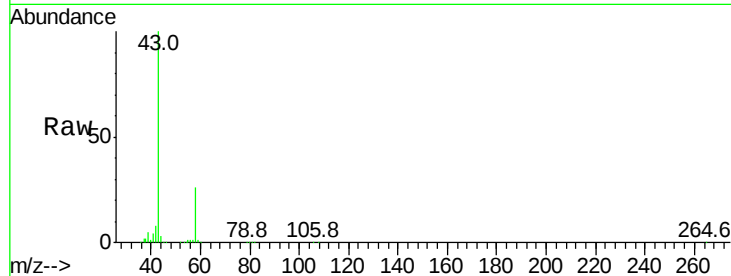


#15
Acetone
Concen: 10.06 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0324ABS01
Acq: 24 Mar 2022 17:05

Tgt Ion:
Ion Ratio
43 100
58 28.

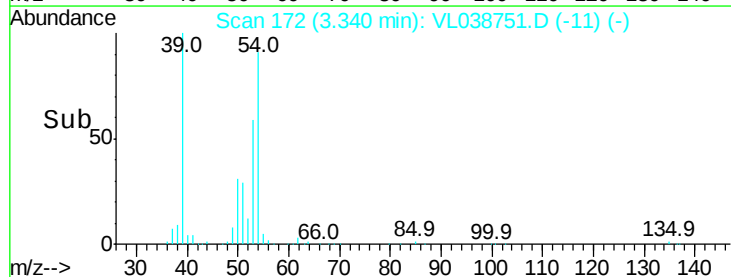
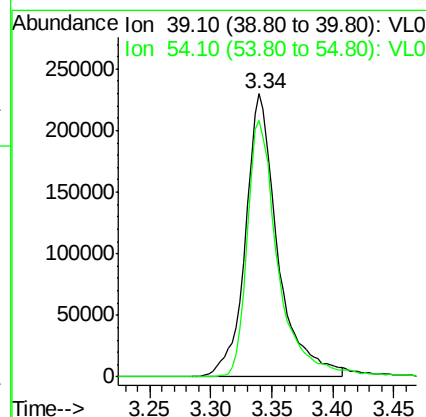
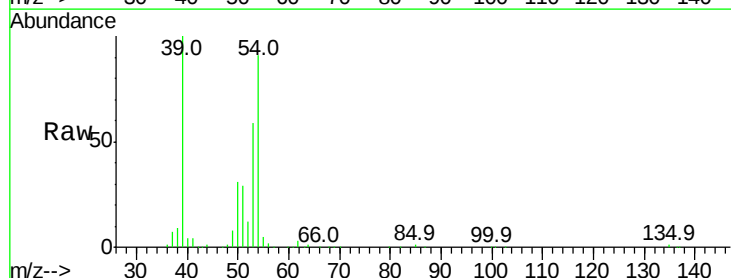
Manual Integrations
APPROVED

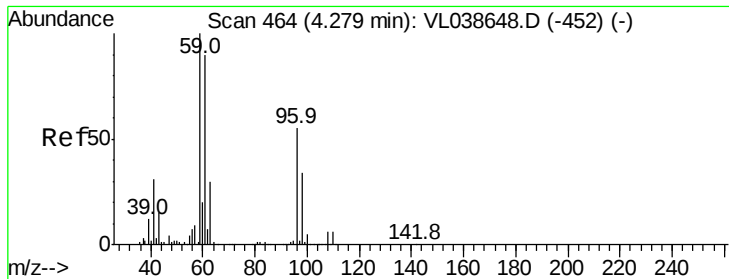
Reviewed By :Semsettin Yesilyurt 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#16
1,3-Butadiene
Concen: 9.86 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 39 Resp: 417984
Ion Ratio Lower Upper
39 100
54 87.4 69.1 103.7





#17

tert-Butyl alcohol

Concen: 11.59 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Mar 2022 17:05

Tgt Ion:

Ion Ratio

59 100

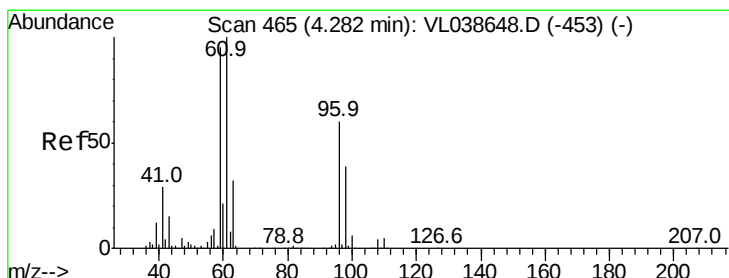
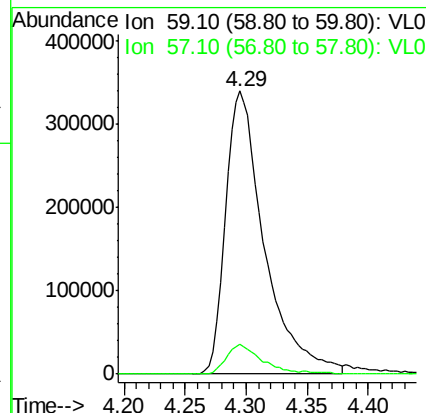
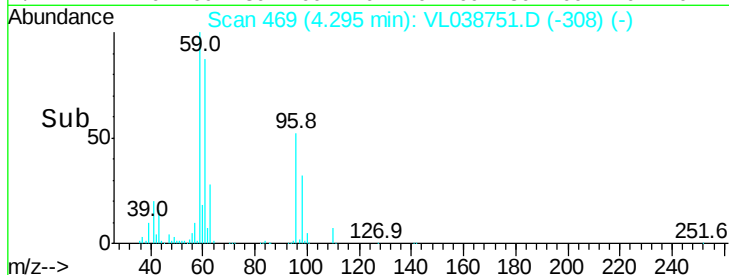
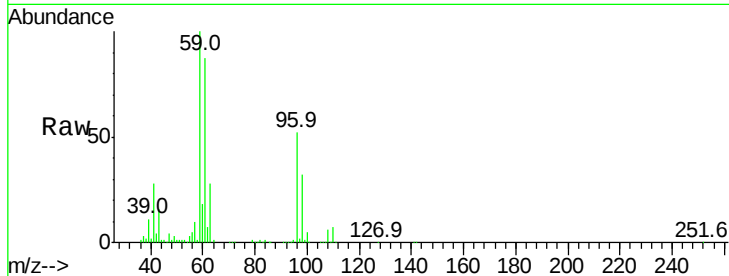
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#18

1,1-Dichloroethene

Concen: 10.62 ppbv

RT: 4.30 min Scan# 471

Delta R.T. 0.02 min

Lab File: VL038751.D

Acq: 24 Mar 2022 17:05

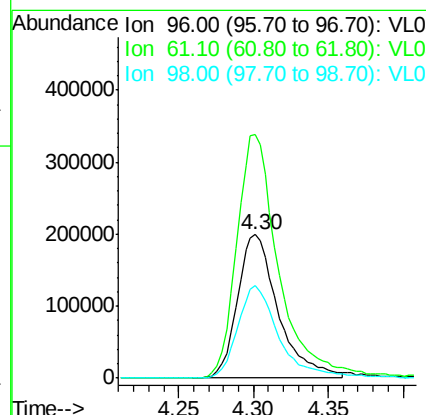
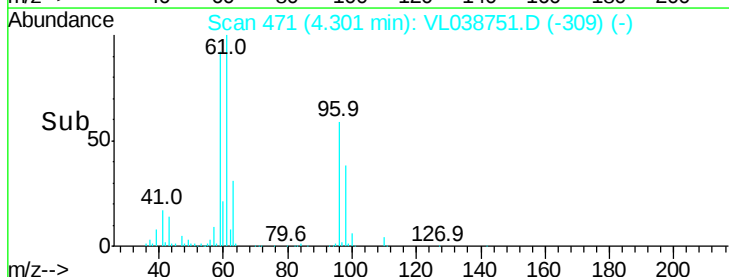
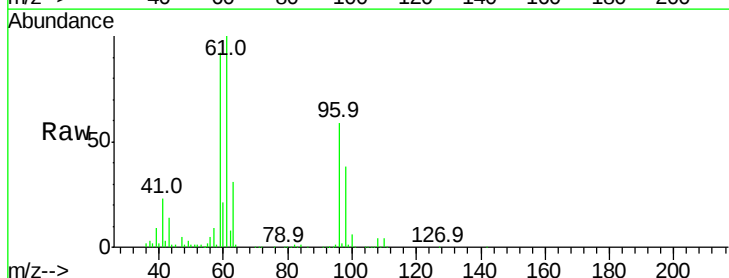
Tgt Ion: 96 Resp: 377237

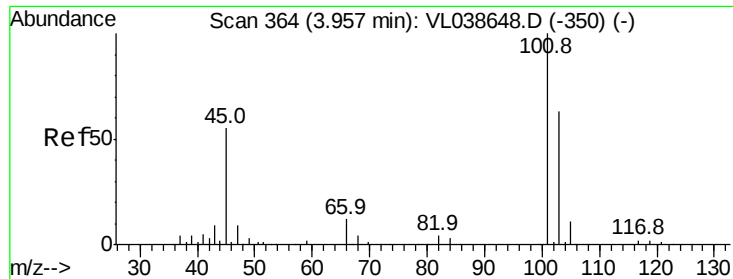
Ion Ratio Lower Upper

96 100

61 169.7 132.4 198.6

98 64.1 51.6 77.4





#19

Isopropyl Alcohol

Concen: 10.17 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 17:05

Tgt Ion:

Ion Ratio

45 100

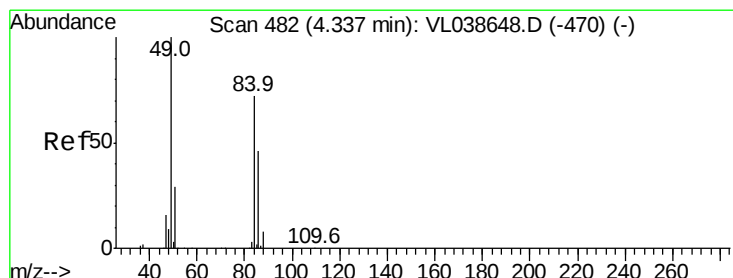
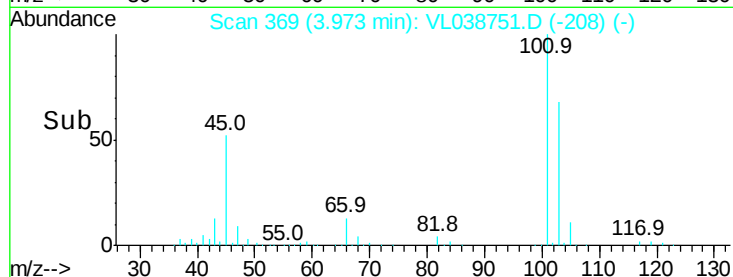
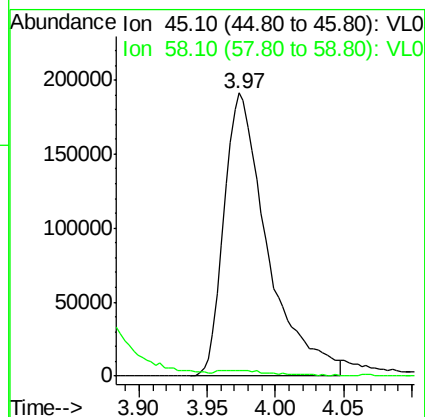
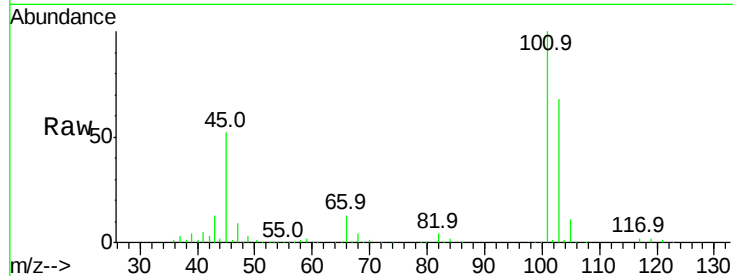
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#20

Methylene Chloride

Concen: 9.91 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.02 min

Lab File: VL038751.D

Acq: 24 Mar 2022 17:05

Tgt Ion: 84 Resp: 311844

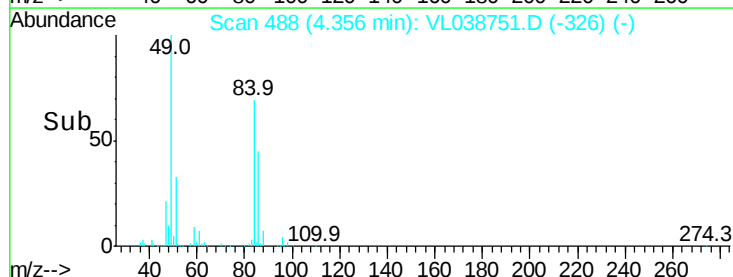
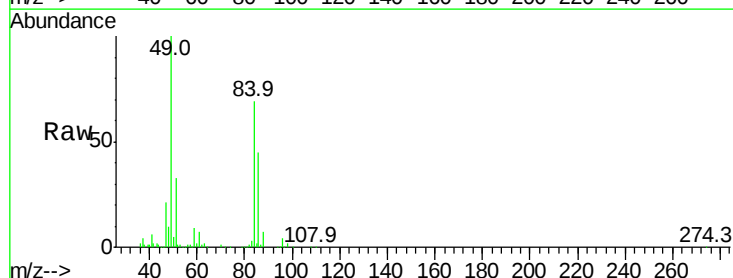
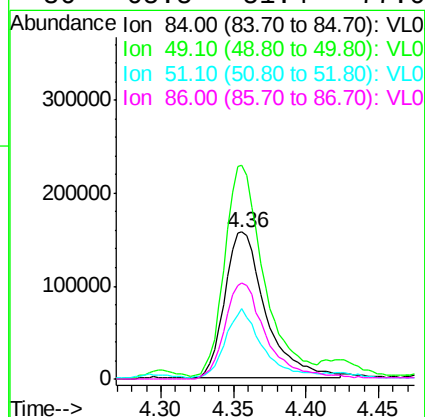
Ion Ratio Lower Upper

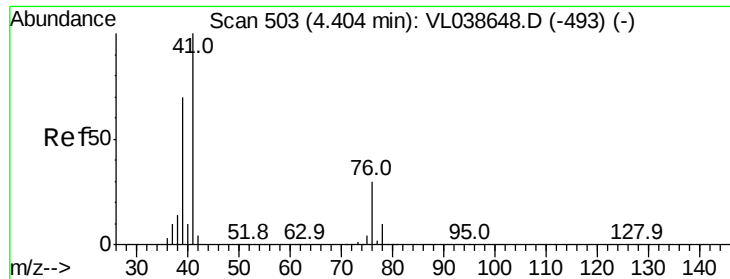
84 100

49 143.6 111.2 166.8

51 46.8 32.8 49.2

86 65.5 51.4 77.0



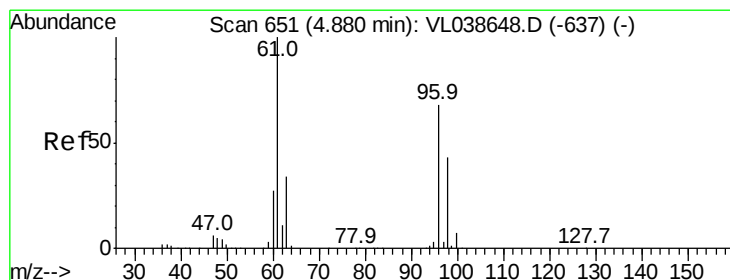
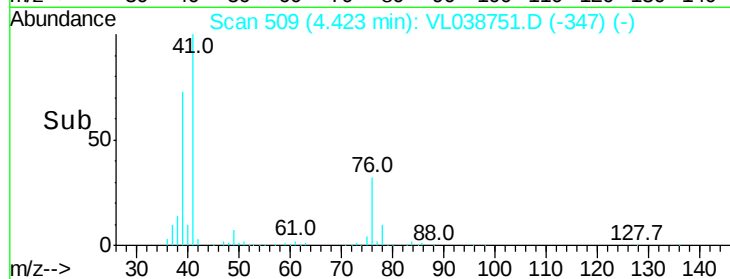
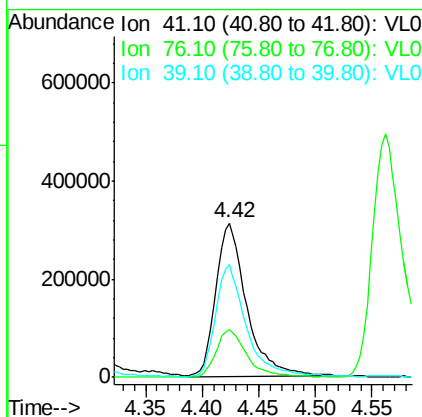
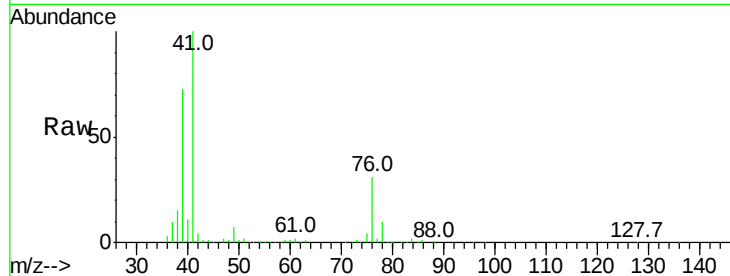


#21
 Allyl Chloride
 Concen: 10.91 ppbv
 RT: 4.42
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0324ABS01
 Acq: 24 Mar 2022 17:05

Tgt Ion:
 Ion Ratio
 41 100
 76 31.
 39 73.

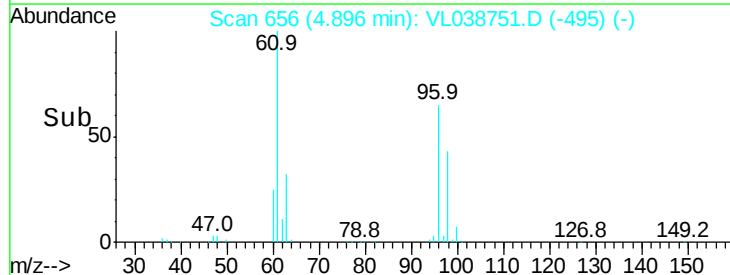
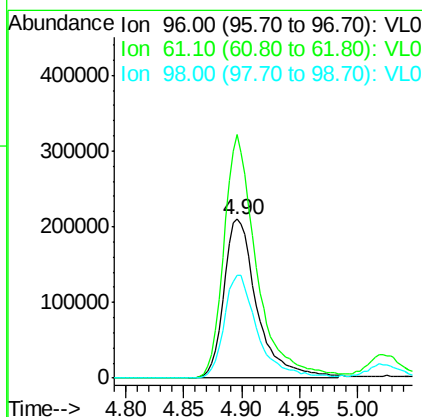
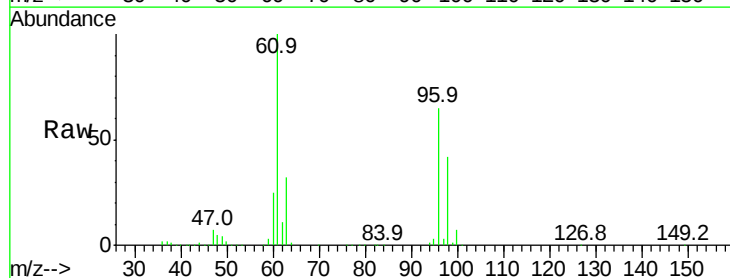
Manual Integrations
 APPROVED

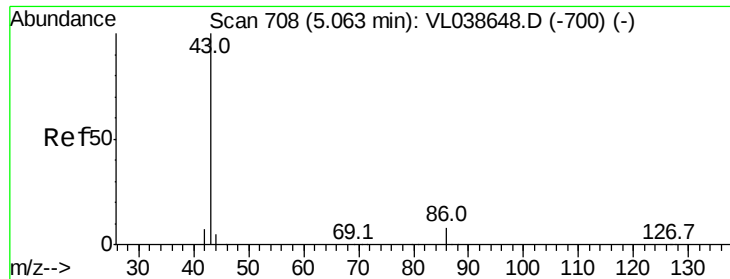
Reviewed By :Semsettin Yesilyurt 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.35 ppbv
 RT: 4.90 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VL038751.D
 Acq: 24 Mar 2022 17:05

Tgt Ion: 96 Resp: 418472
 Ion Ratio Lower Upper
 96 100
 61 153.4 118.3 177.5
 98 65.1 51.3 76.9



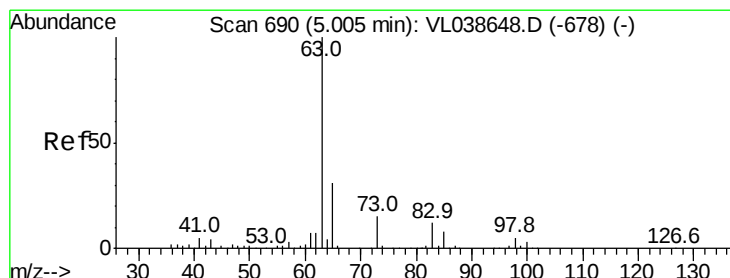
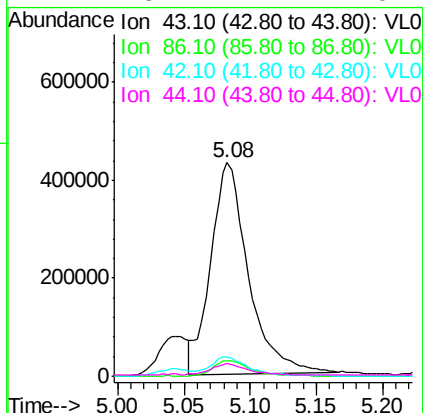
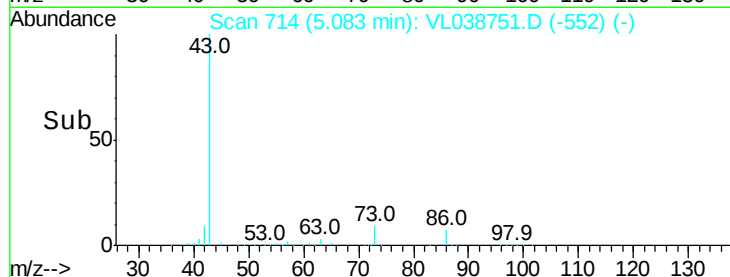
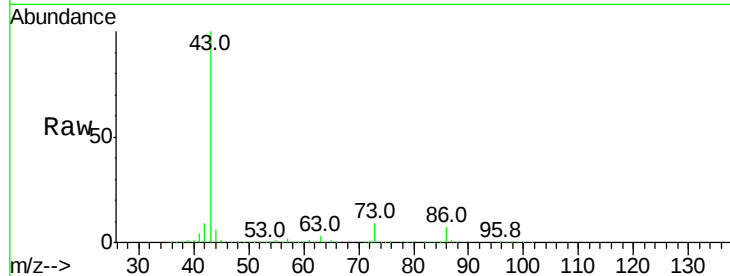


#23
 Vinyl Acetate
 Concen: 11.72 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0324ABS01
 Acq: 24 Mar 2022 17:05

Tgt Ion: 43
 Ion Ratio: 100
 86 7.
 42 8.
 44 5.7 4.2 6.2

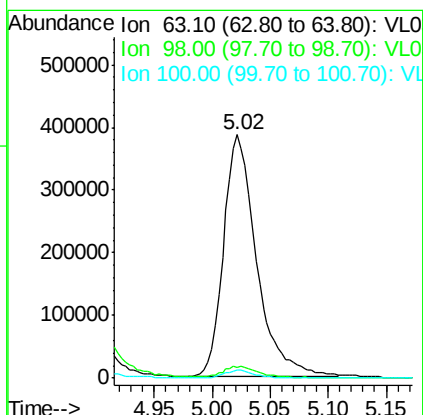
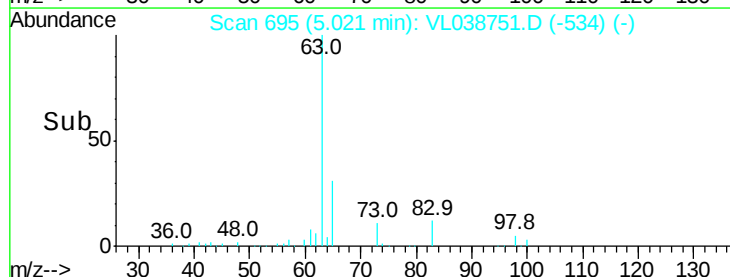
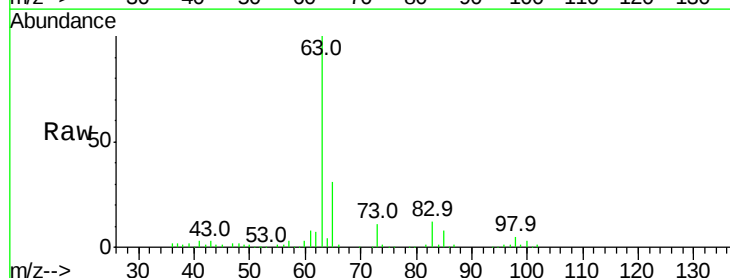
Manual Integrations
 APPROVED

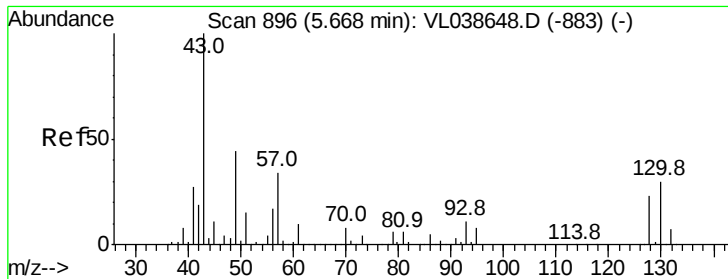
Reviewed By :Semsettin Yesilyurt 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#24
 1,1-Dichloroethane
 Concen: 10.77 ppbv
 RT: 5.02 min Scan# 695
 Delta R.T. 0.02 min
 Lab File: VL038751.D
 Acq: 24 Mar 2022 17:05

Tgt Ion: 63 Resp: 767243
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.5 7.5
 100 3.0 1.4 4.2





#25

Ethyl Acetate

Concen: 9.23 ppbv

RT: 5.69 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Mar 2022 17:05

Tgt Ion:

Ion Ratio

43 100

45 10.

61 10.

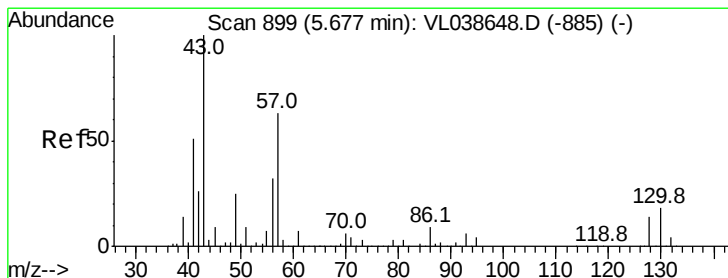
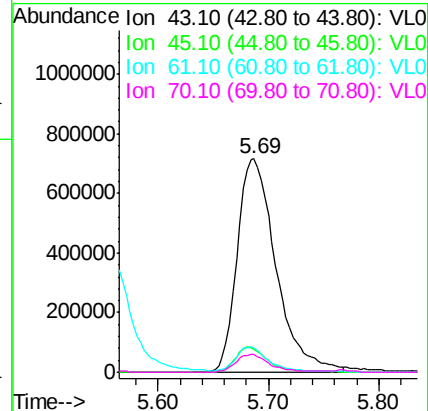
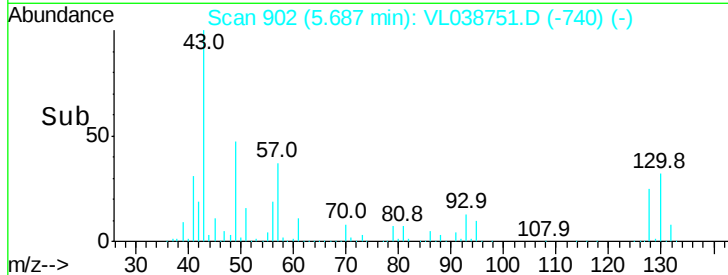
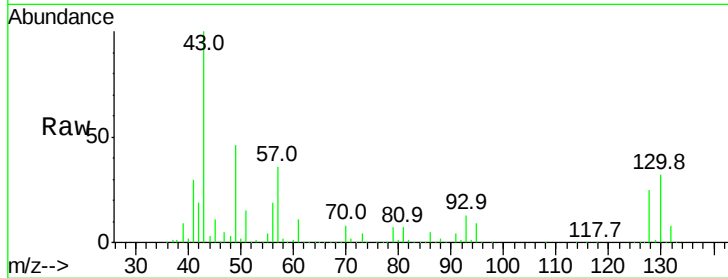
70 7.4 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#26

Hexane

Concen: 9.22 ppbv

RT: 5.70 min Scan# 905

Delta R.T. 0.02 min

Lab File: VL038751.D

Acq: 24 Mar 2022 17:05

Tgt Ion: 57 Resp: 776861

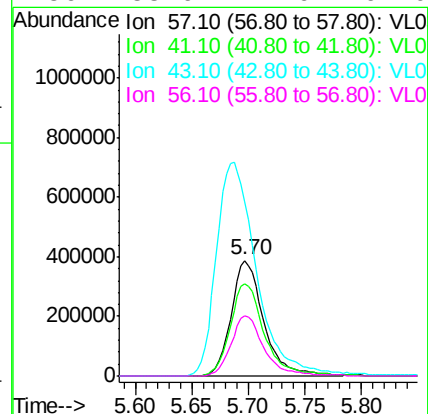
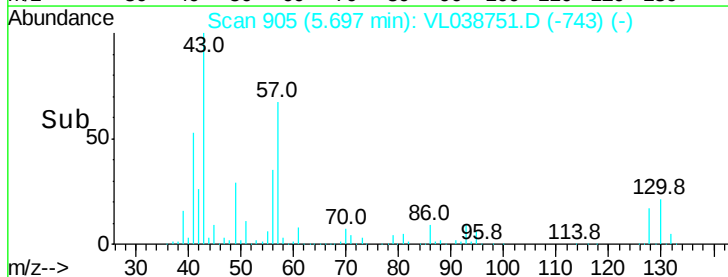
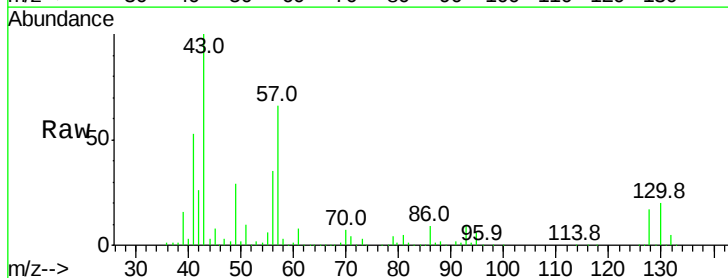
Ion Ratio Lower Upper

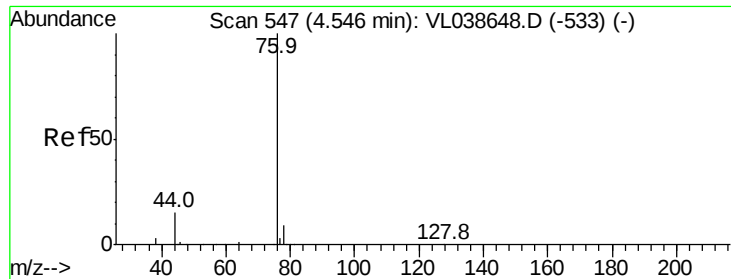
57 100

41 84.7 67.0 100.4

43 227.6 184.2 276.2

56 53.6 42.6 64.0





#27

Carbon Disulfide

Concen: 11.99 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 24 Mar 2022 17:05

Tgt Ion:

Ion Ratio

76 100

44 15.

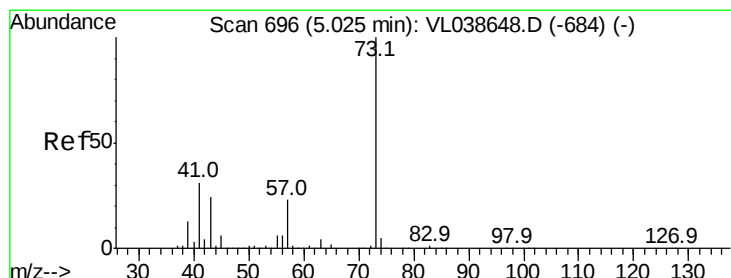
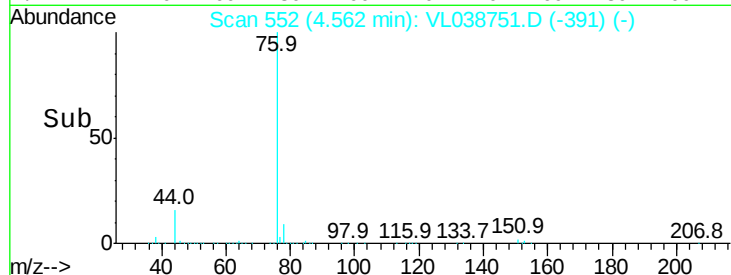
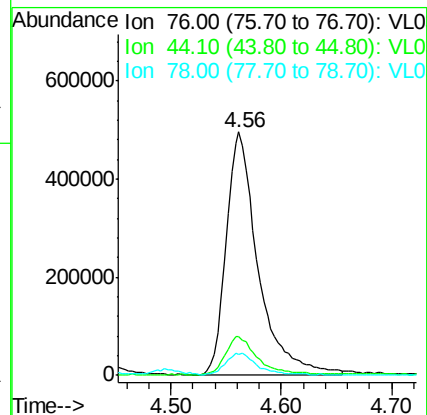
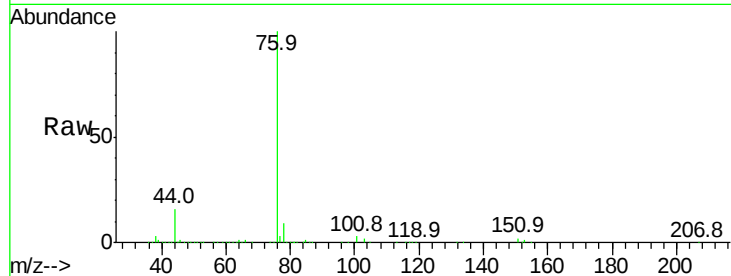
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#28

Methyl tert-Butyl Ether

Concen: 11.65 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.02 min

Lab File: VL038751.D

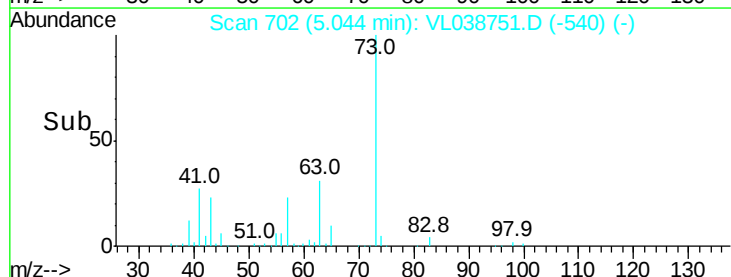
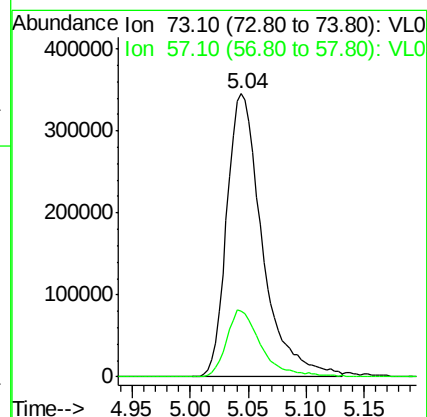
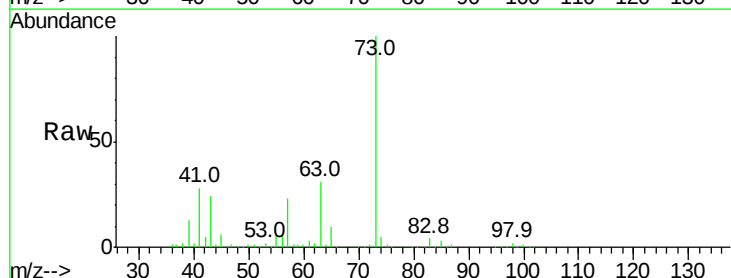
Acq: 24 Mar 2022 17:05

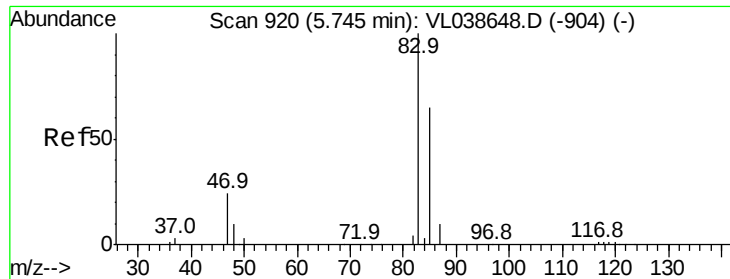
Tgt Ion: 73 Resp: 730915

Ion Ratio Lower Upper

73 100

57 23.6 19.2 28.8



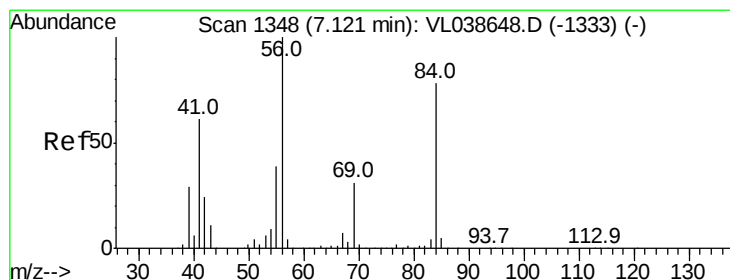
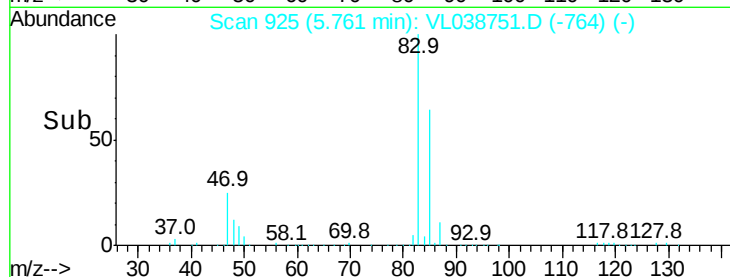
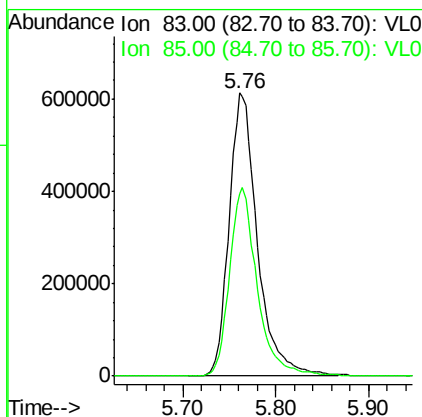
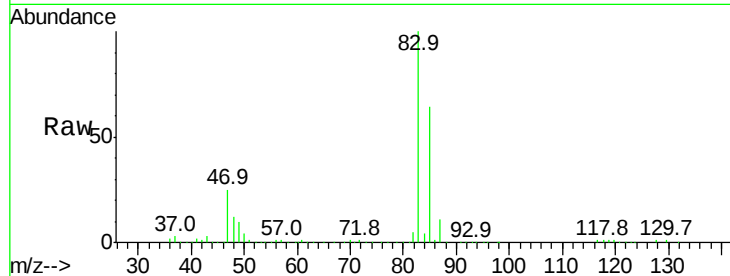


#29
Chloroform
Concen: 9.62 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Mar 2022 17:05

Tgt Ion:
Ion Ratio
83 100
85 64.

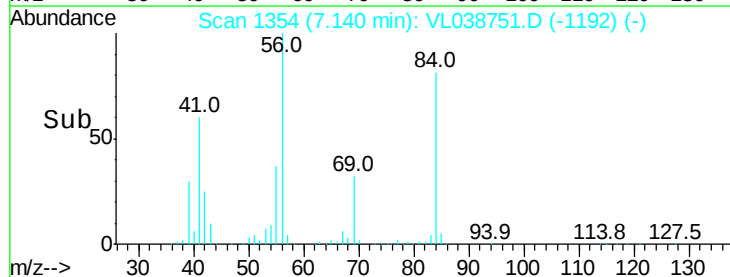
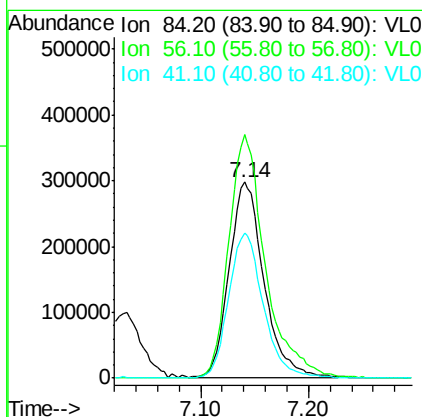
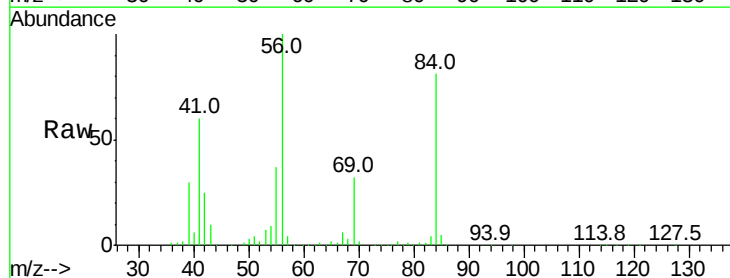
Manual Integrations
APPROVED

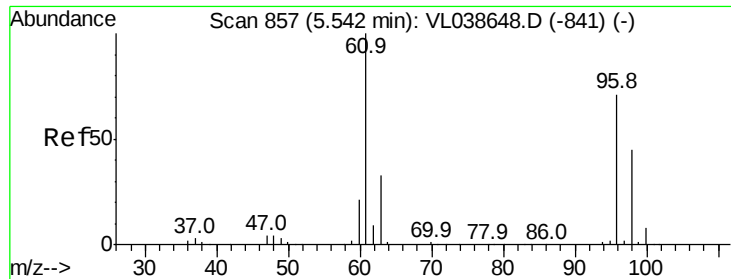
Reviewed By :Semsettin Yesilyurt 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#30
Cyclohexane
Concen: 9.21 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 84 Resp: 674490
Ion Ratio Lower Upper
84 100
56 129.9 108.2 162.4
41 74.1 61.8 92.6



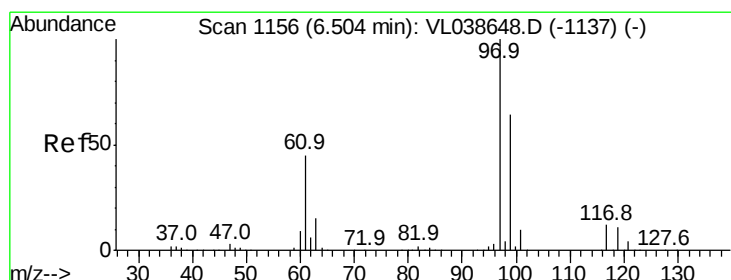
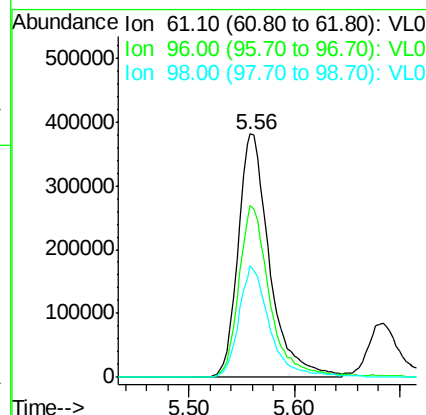
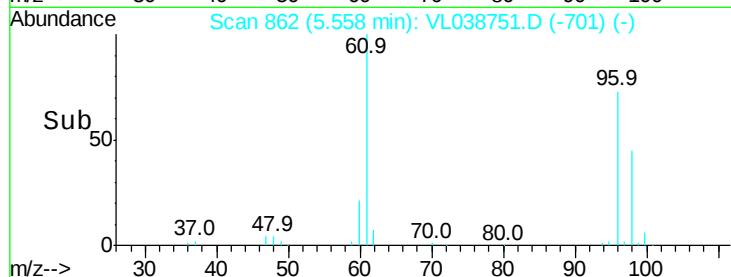
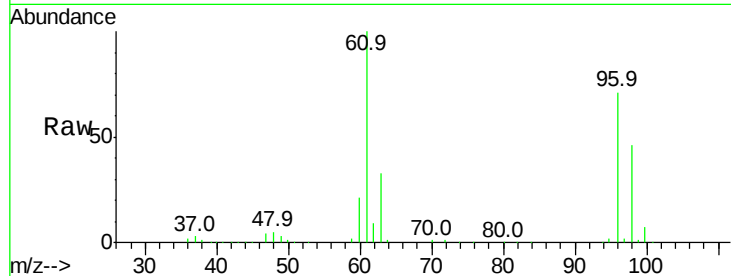


#31
 cis-1,2-Dichloroethene
 Concen: 9.92 ppbv
 RT: 5.56
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0324ABS01
 Acq: 24 Mar 2022 17:05

Tgt Ion:
 Ion Ratio
 61 100
 96 70.
 98 46.

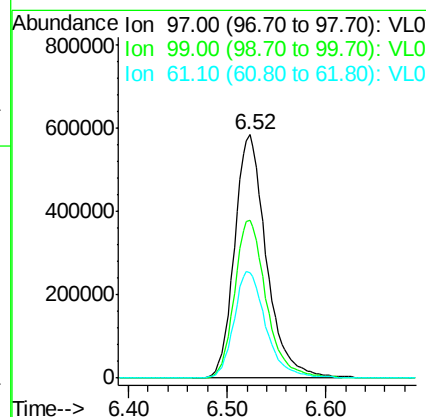
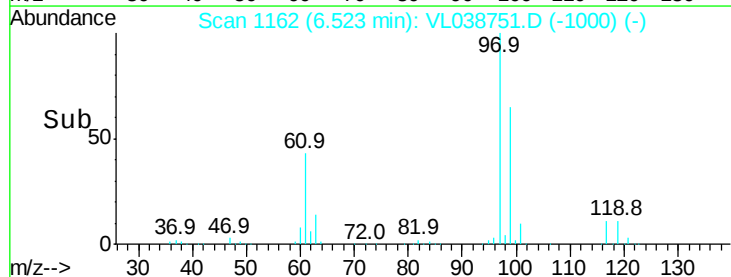
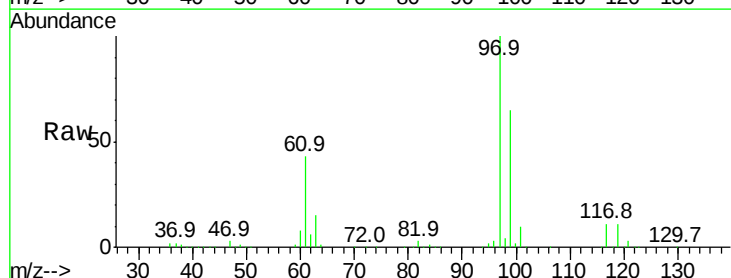
Manual Integrations
 APPROVED

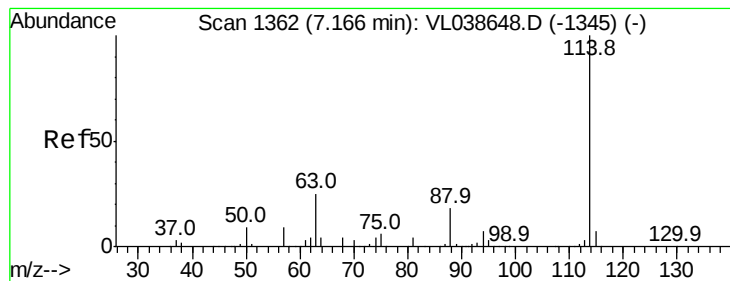
Reviewed By :Semsettin Yesilyurt 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.09 ppbv
 RT: 6.52 min Scan# 1162
 Delta R.T. 0.02 min
 Lab File: VL038751.D
 Acq: 24 Mar 2022 17:05

Tgt Ion: 97 Resp: 1313312
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.8 77.8
 61 44.0 36.7 55.1





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.19

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 17:05

Tgt Ion:1

Ion Ratio

114 100

63 24.

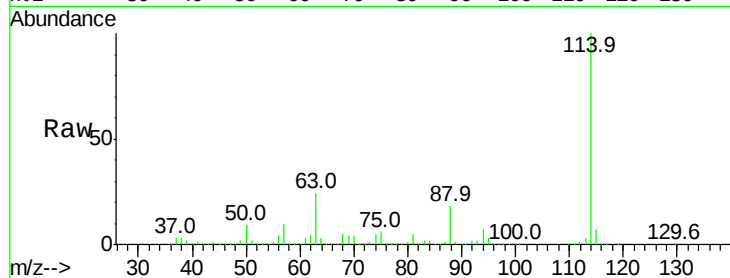
88 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

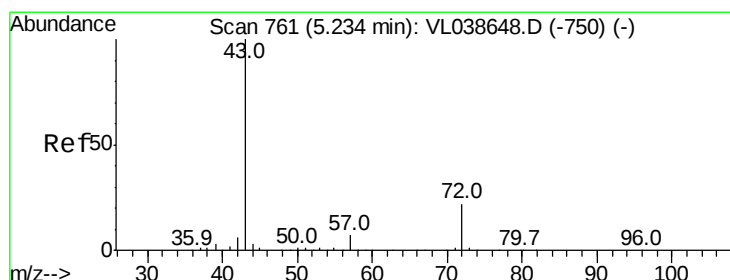
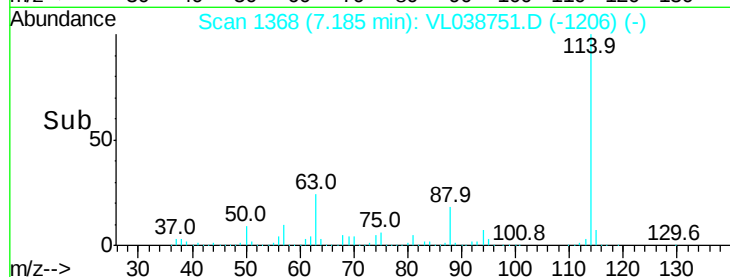
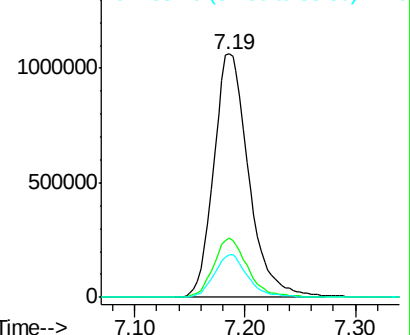
Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 9.32 ppbv

RT: 5.25 min Scan# 767

Delta R.T. 0.02 min

Lab File: VL038751.D

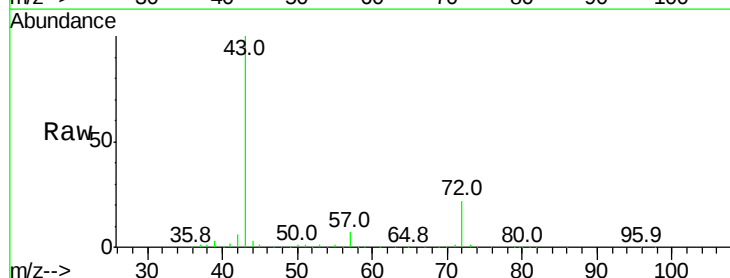
Acq: 24 Mar 2022 17:05

Tgt Ion: 43 Resp: 860371

Ion Ratio Lower Upper

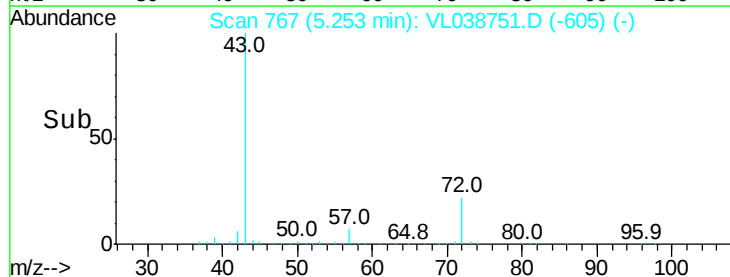
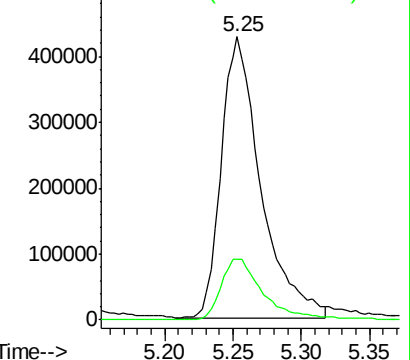
43 100

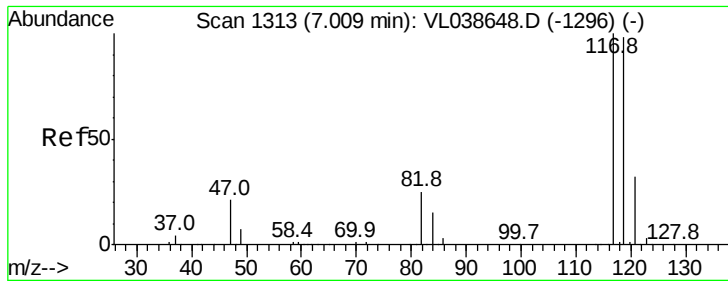
72 23.6 17.8 26.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0



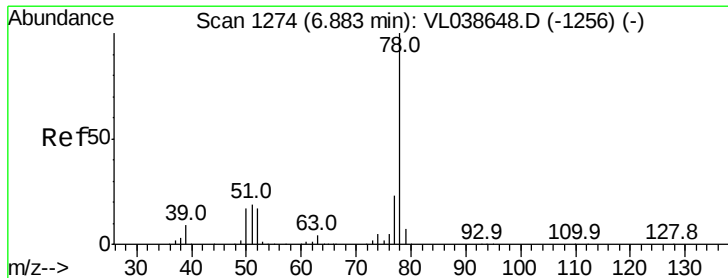
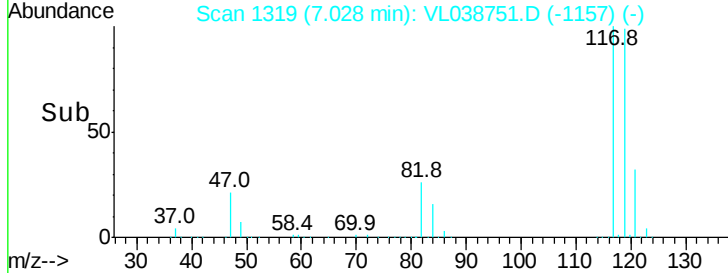
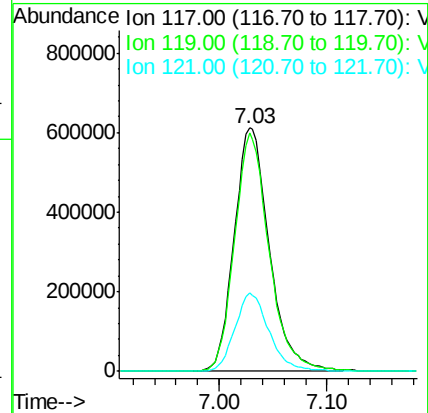
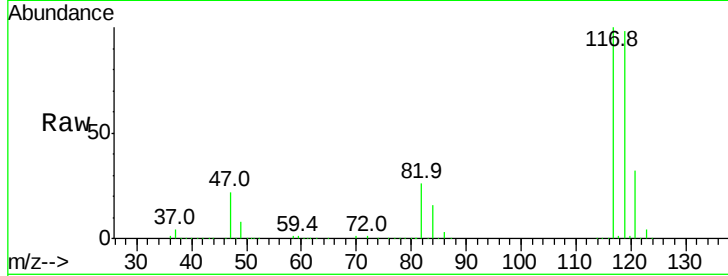


#35
Carbon Tetrachloride
Concen: 10.26 ppbv
RT: 7.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0324ABS01
Acq: 24 Mar 2022 17:05

Tgt Ion: 117
Ion Ratio
117 100
119 98.
121 32.

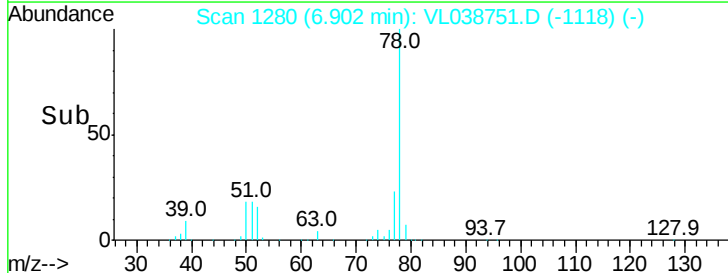
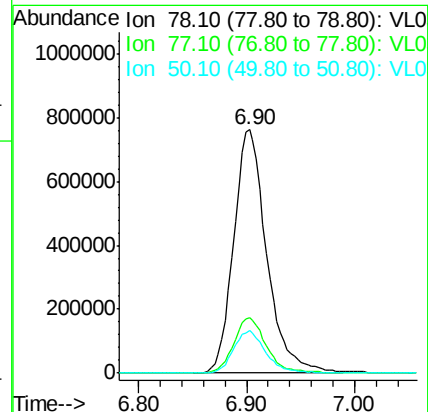
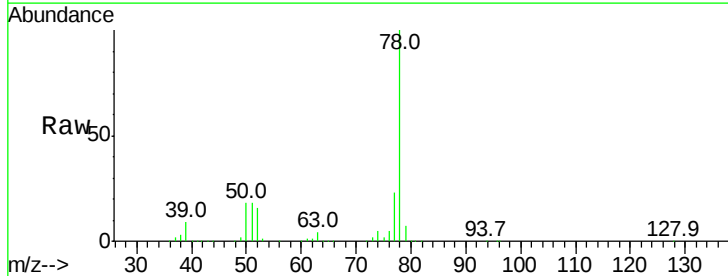
Manual Integrations
APPROVED

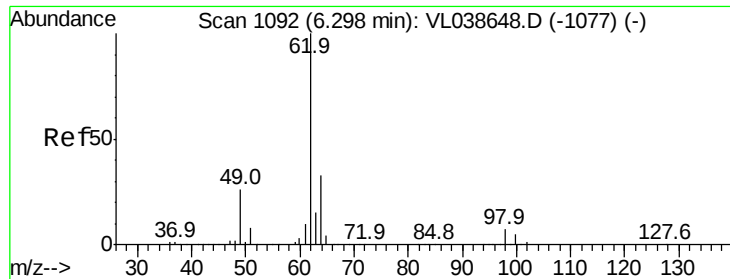
Reviewed By : Semsettin Yesilyurt 03/26/2022
Supervised By : Mahesh Dadoda 03/28/2022



#36
Benzene
Concen: 9.05 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 78 Resp: 1629179
Ion Ratio Lower Upper
78 100
77 22.9 18.1 27.1
50 17.8 13.6 20.4



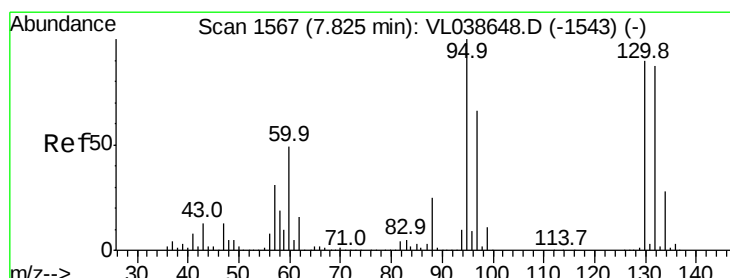
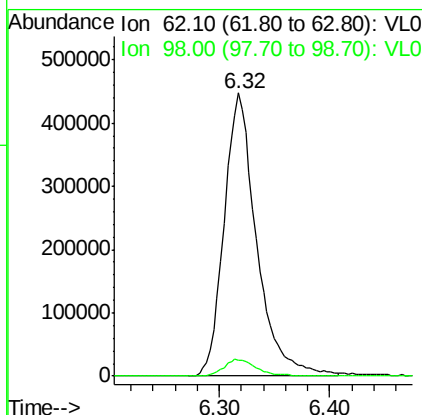
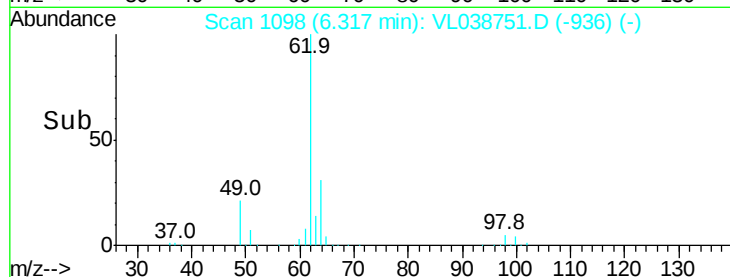
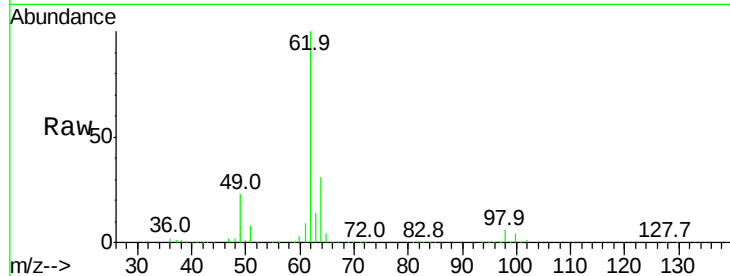


#37
 1,2-Dichloroethane
 Concen: 9.96 ppbv
 RT: 6.32
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0324ABS01
 Acq: 24 Mar 2022 17:05

Tgt Ion:
 Ion Ratio
 62 100
 98 6.

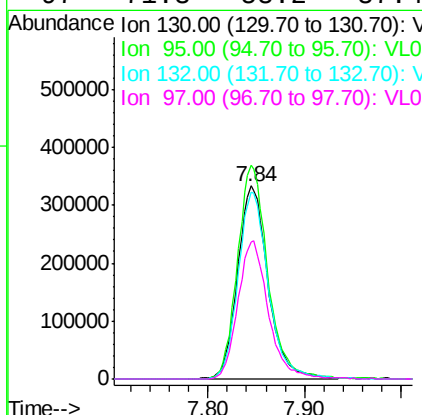
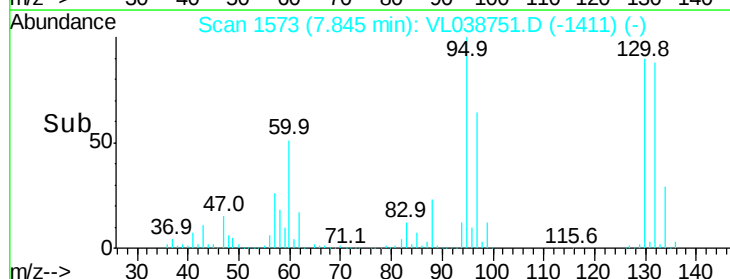
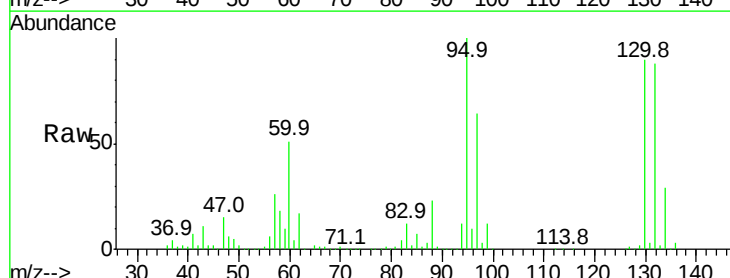
Manual Integrations
 APPROVED

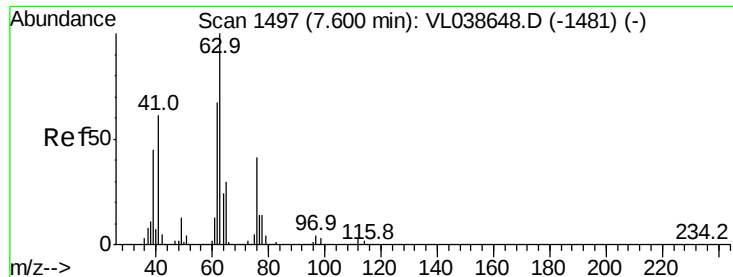
Reviewed By :Semsettin Yesilyurt 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#38
 Trichloroethene
 Concen: 9.67 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.02 min
 Lab File: VL038751.D
 Acq: 24 Mar 2022 17:05

Tgt Ion:130 Resp: 729582
 Ion Ratio Lower Upper
 130 100
 95 110.7 88.9 133.3
 132 97.0 77.4 116.0
 97 71.3 58.2 87.4





#39

1,2-Dichloropropane

Concen: 8.68 ppbv

RT: 7.62

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 24 Mar 2022 17:05

Tgt Ion:

Ion Ratio

63 100

41 66.

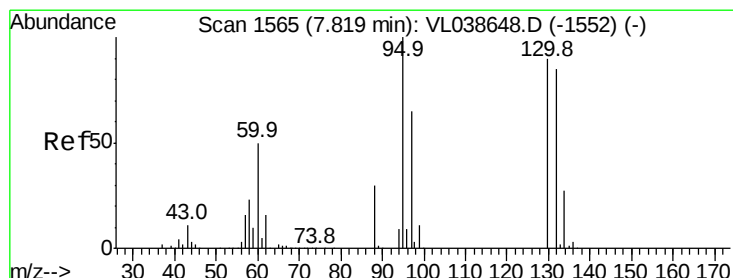
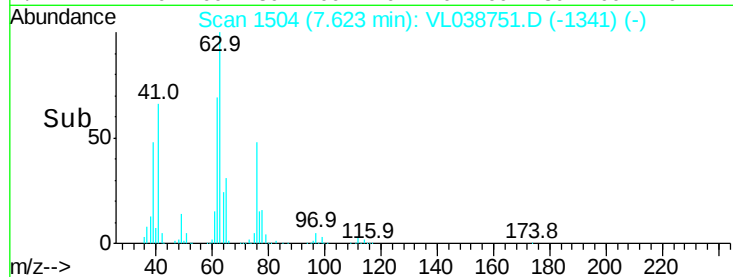
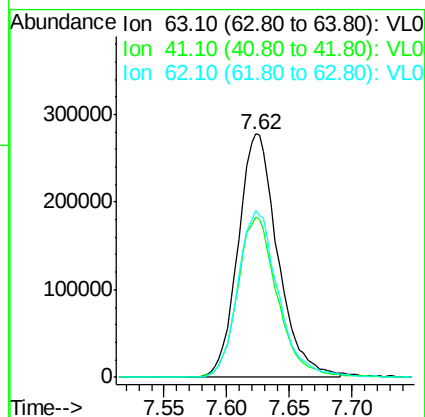
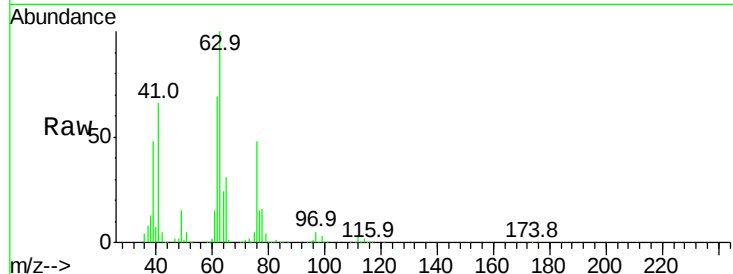
62 68.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#40

1,4-Dioxane

Concen: 8.72 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. 0.02 min

Lab File: VL038751.D

Acq: 24 Mar 2022 17:05

Tgt Ion: 88 Resp: 213152

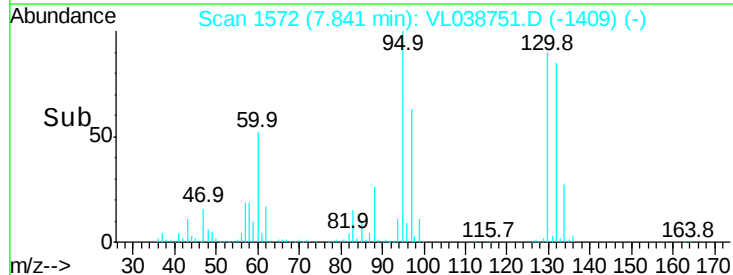
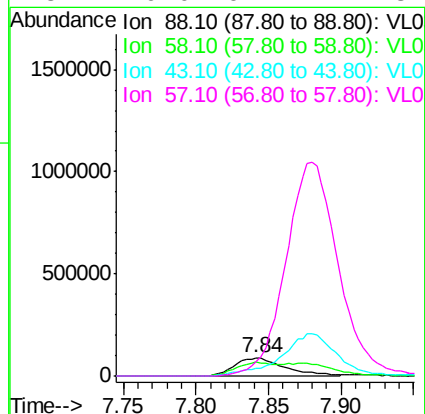
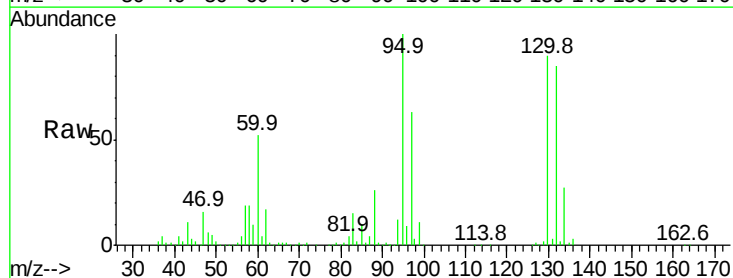
Ion Ratio Lower Upper

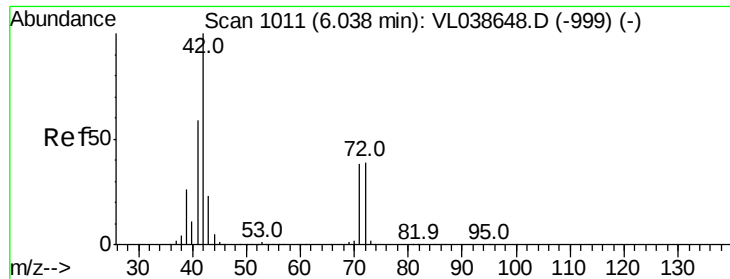
88 100

58 65.4 105.6 158.4#

43 0.0 201.9 302.9#

57 0.0 942.1 1413.1#





#41

Tetrahydrofuran

Concen: 8.71 ppbv

RT: 6.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 17:05

Tgt Ion:

Ion Ratio

42 100

72 43.

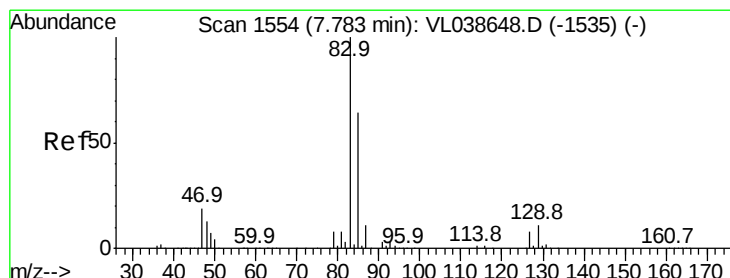
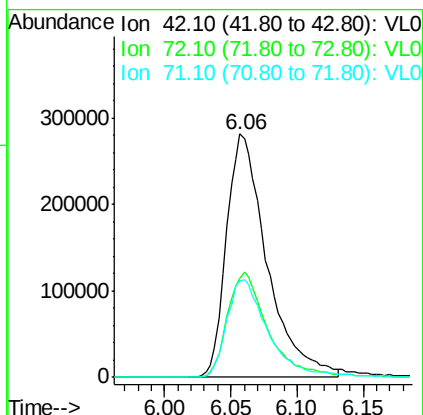
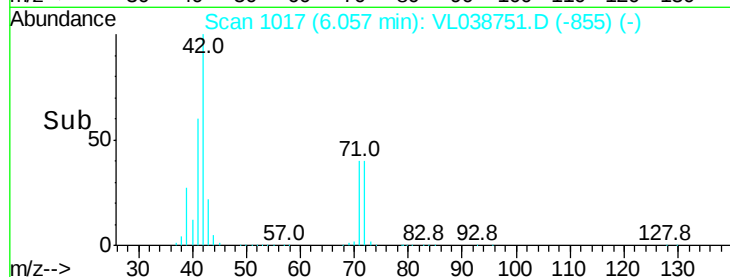
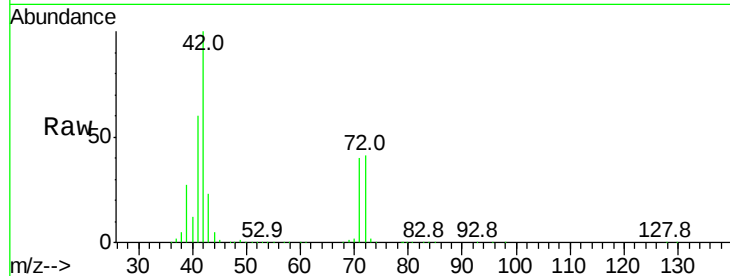
71 41.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#42

Bromodichloromethane

Concen: 10.25 ppbv

RT: 7.80 min Scan# 1560

Delta R.T. 0.02 min

Lab File: VL038751.D

Acq: 24 Mar 2022 17:05

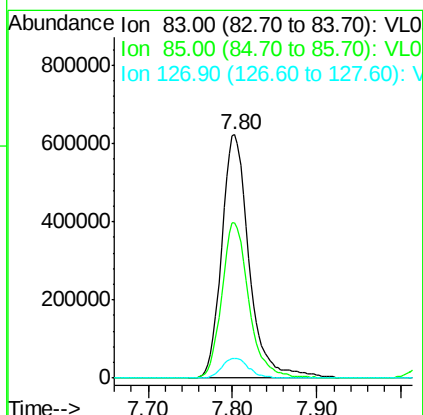
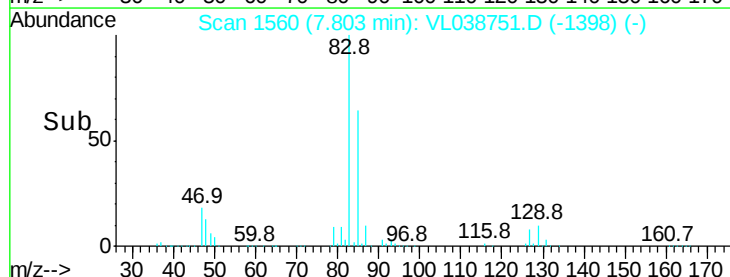
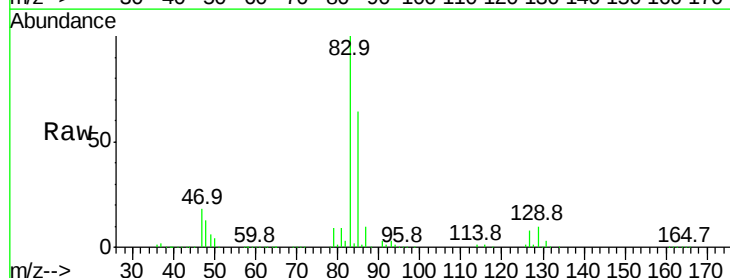
Tgt Ion: 83 Resp: 1407537

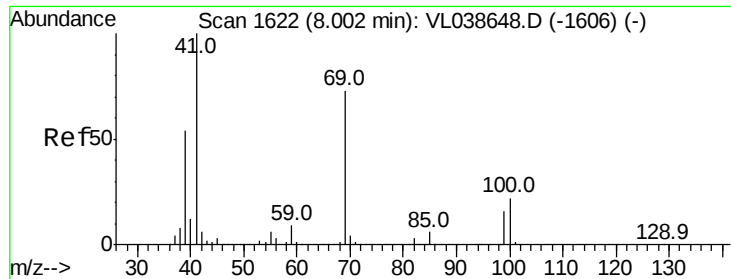
Ion Ratio Lower Upper

83 100

85 64.0 51.1 76.7

127 8.1 6.5 9.7



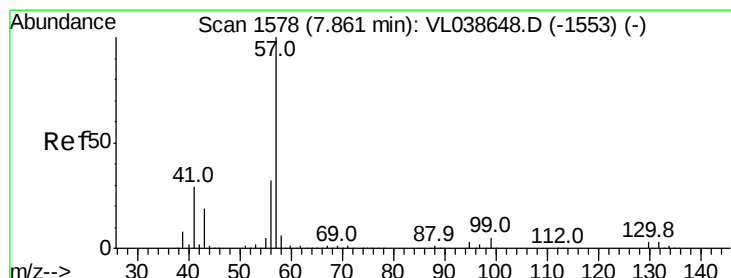
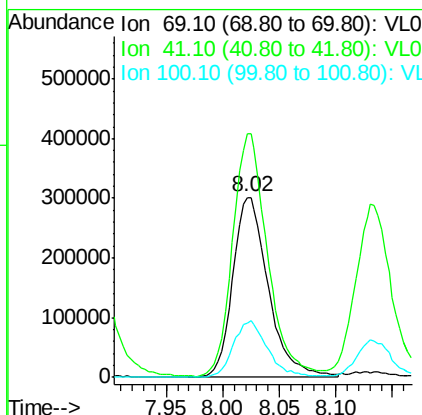
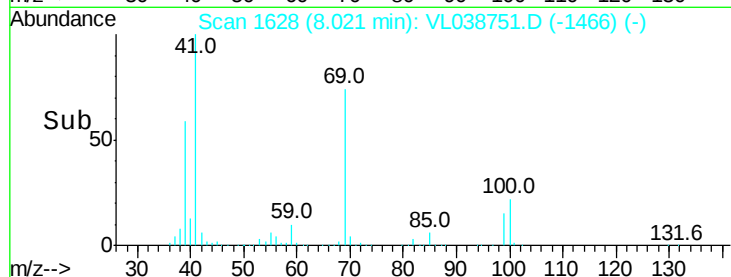
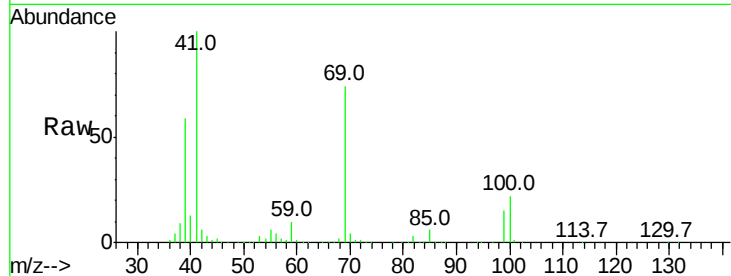


#43
Methyl Methacrylate
Concen: 9.86 ppbv
RT: 8.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0324ABS01
Acq: 24 Mar 2022 17:05

Tgt Ion:
Ion Ratio
69 100
41 132.
100 30.

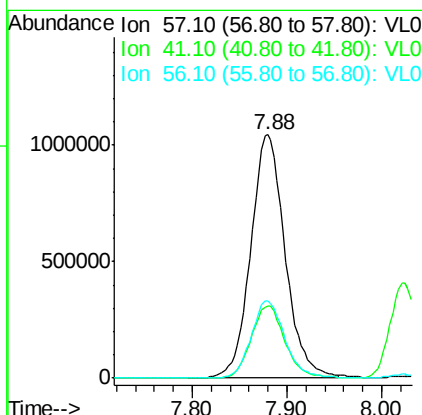
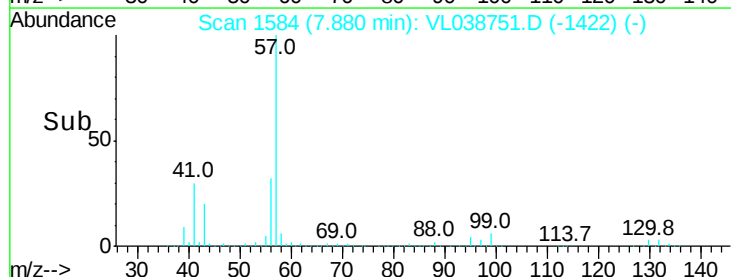
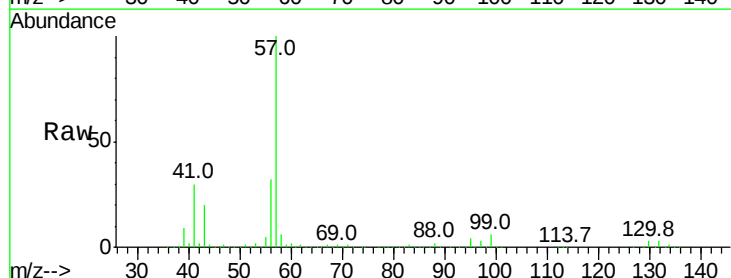
Manual Integrations
APPROVED

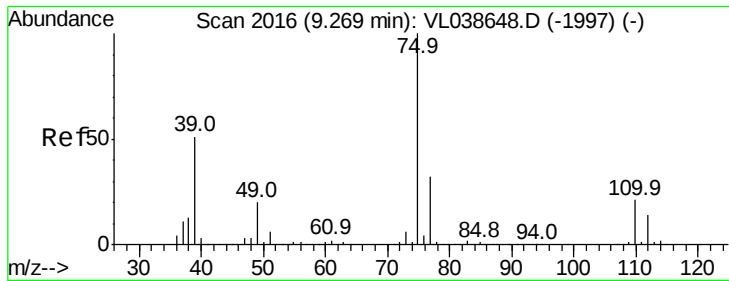
Reviewed By :Semsettin Yesilyurt 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#44
2,2,4-Trimethylpentane
Concen: 8.72 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 57 Resp: 2635177
Ion Ratio Lower Upper
57 100
41 29.4 23.0 34.4
56 31.3 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 11.39 ppbv

RT: 9.29 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 17:05

Tgt Ion:

Ion Ratio

75 100

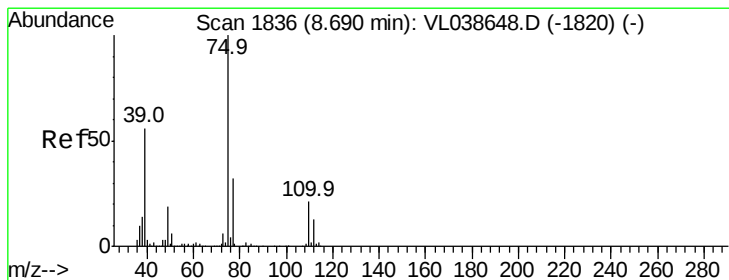
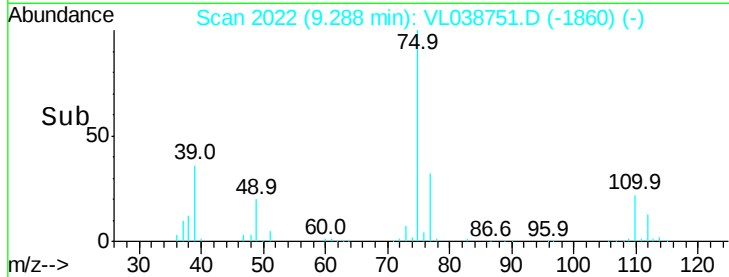
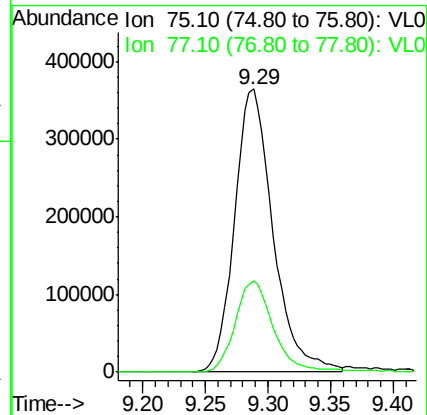
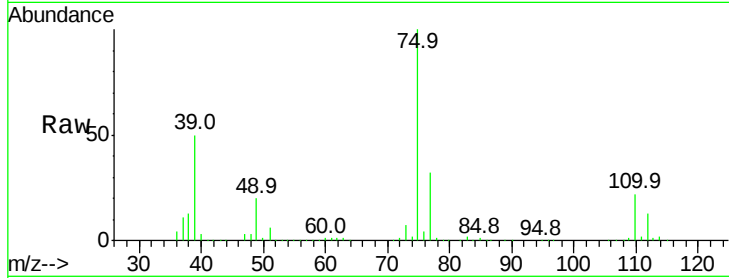
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#46

cis-1,3-Dichloropropene

Concen: 10.42 ppbv

RT: 8.71 min Scan# 1843

Delta R.T. 0.02 min

Lab File: VL038751.D

Acq: 24 Mar 2022 17:05

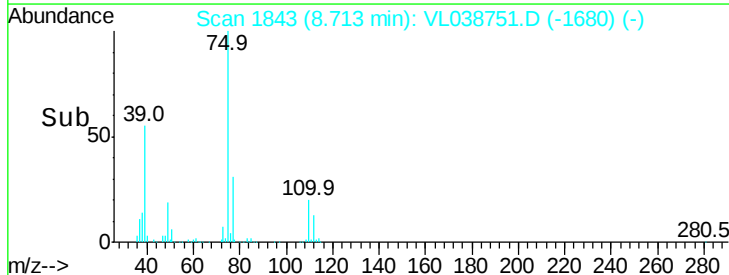
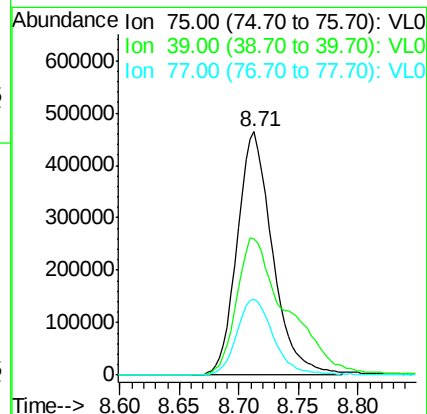
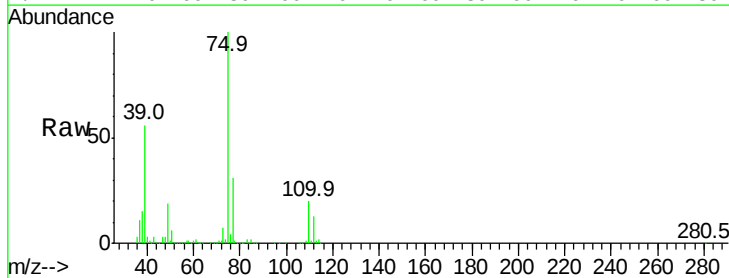
Tgt Ion: 75 Resp: 958052

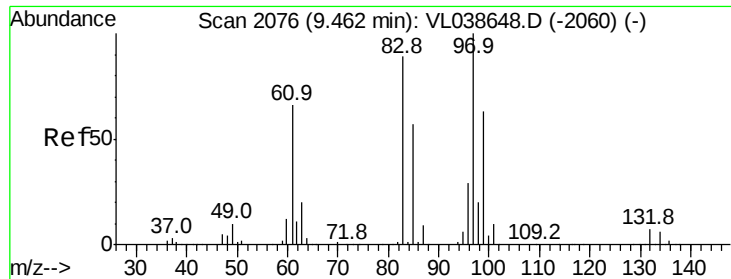
Ion Ratio Lower Upper

75 100

39 55.6 44.8 67.2

77 31.0 25.4 38.0



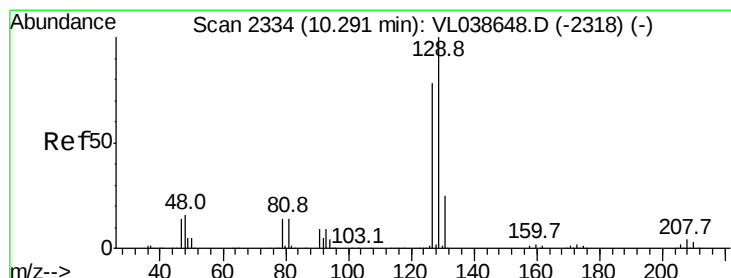
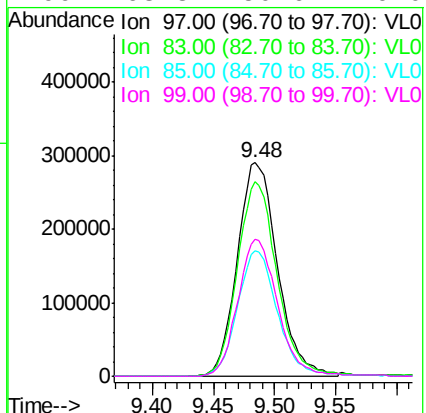
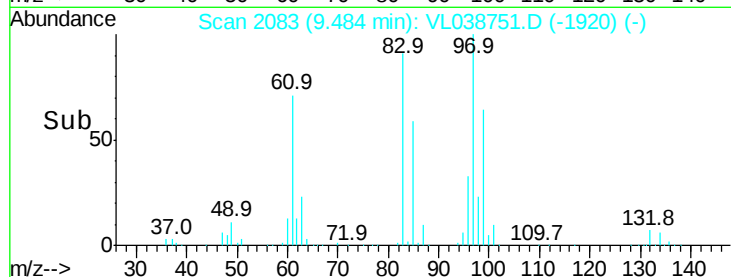
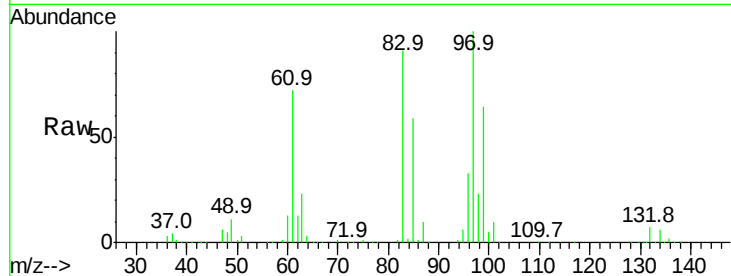


#47
 1,1,2-Trichloroethane
 Concen: 8.78 ppbv
 RT: 9.48 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampled : VL0324ABS01
 Acq: 24 Mar 2022 17:05

Tgt Ion:
 Ion Ratio
 97 100
 83 91.
 85 58.
 99 63.8 50.6 76.0

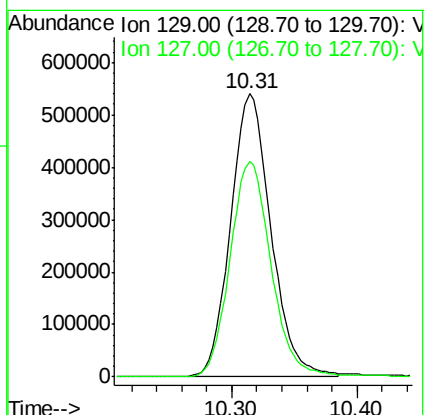
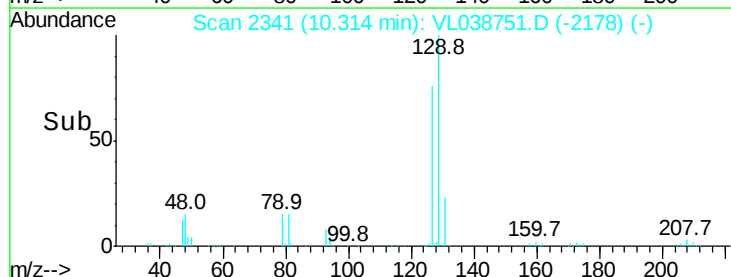
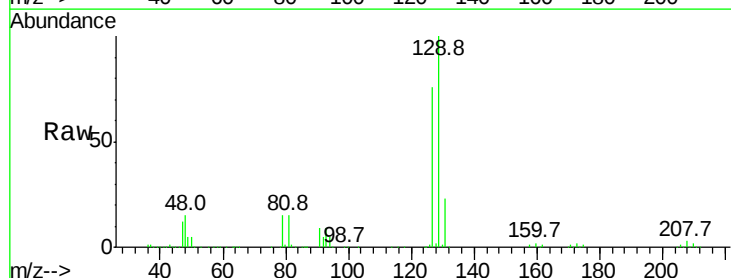
Manual Integrations
 APPROVED

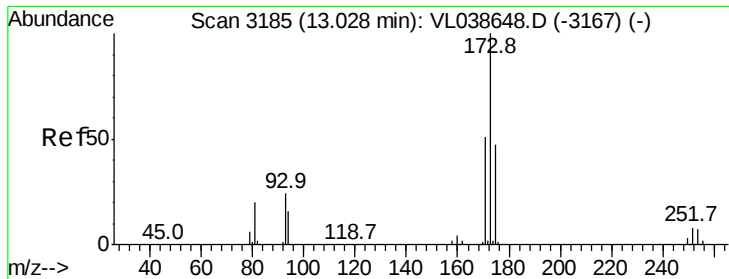
Reviewed By :Semsettin Yesilyurt 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#48
 Dibromochloromethane
 Concen: 10.26 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T.: 0.02 min
 Lab File: VL038751.D
 Acq: 24 Mar 2022 17:05

Tgt Ion:129 Resp: 1207357
 Ion Ratio Lower Upper
 129 100
 127 78.5 39.5 118.5





#49

Bromoform

Concen: 10.17 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 17:05

Tgt Ion:1

Ion Ratio

173 100

175 50.

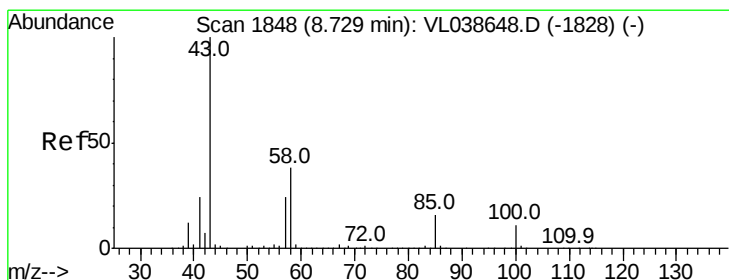
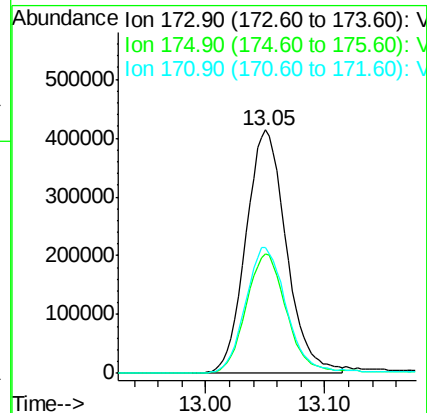
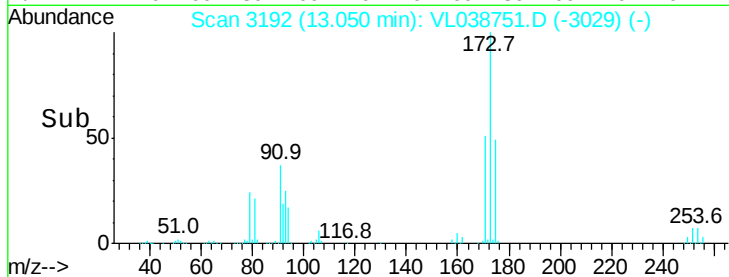
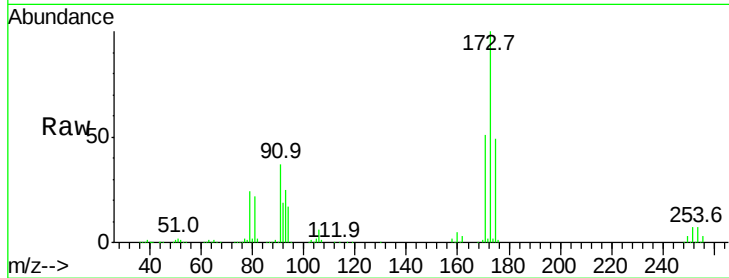
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#50

4-Methyl-2-Pentanone

Concen: 9.07 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.02 min

Lab File: VL038751.D

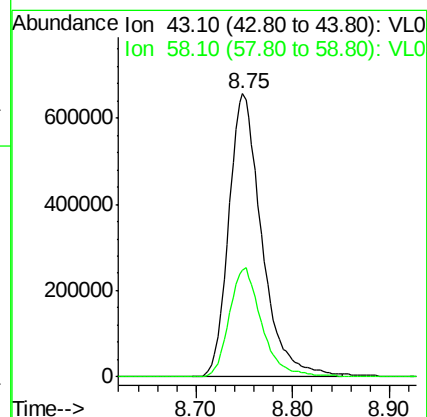
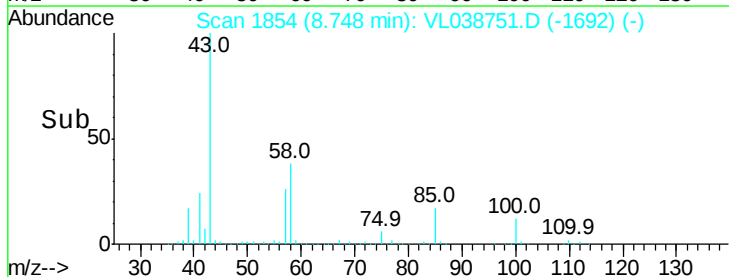
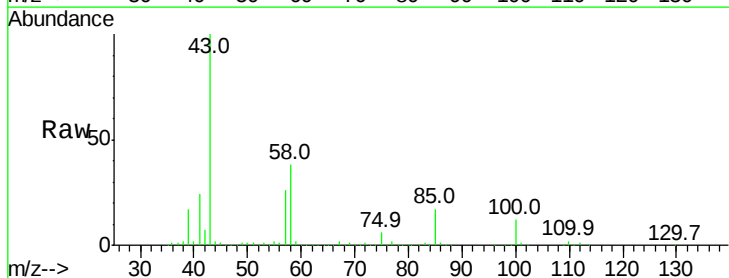
Acq: 24 Mar 2022 17:05

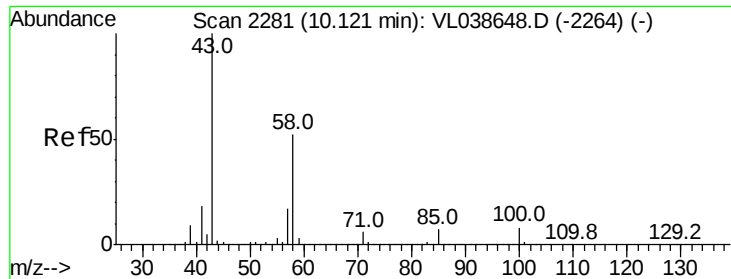
Tgt Ion: 43 Resp: 1557323

Ion Ratio Lower Upper

43 100

58 38.5 29.9 44.9



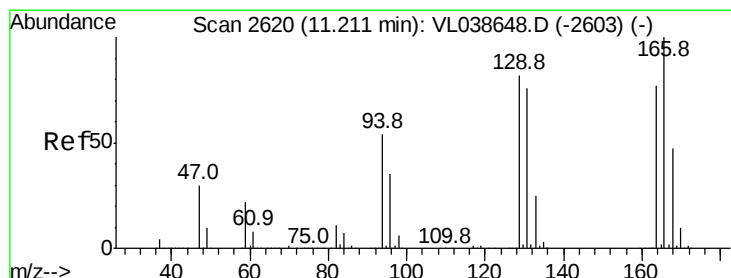
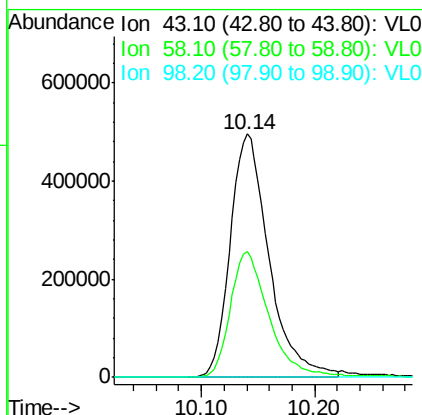
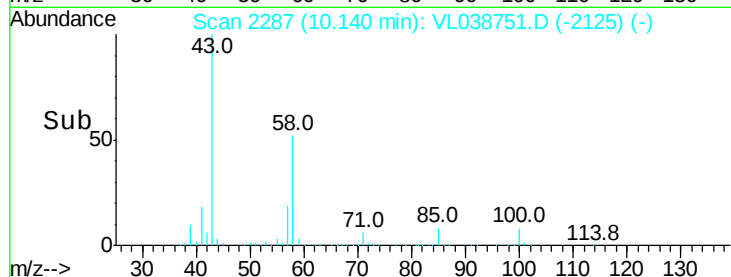
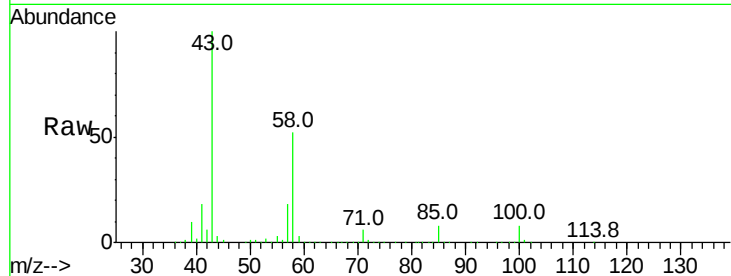


#51
2-Hexanone
Concen: 9.58 ppbv
RT: 10.14 min
Delta R.T.: 0.02 min
Lab File: VL0324ABS01
Acq: 24 Mar 2022 17:05

Tgt Ion:
Ion Ratio
43 100
58 52.1
98 0.0

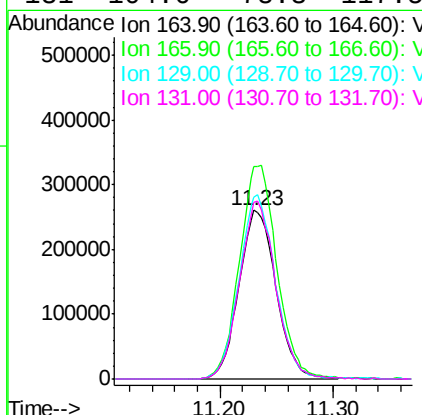
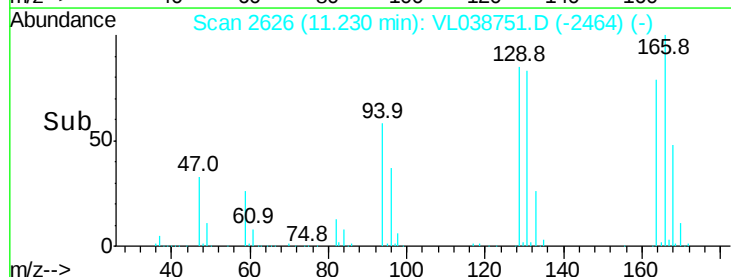
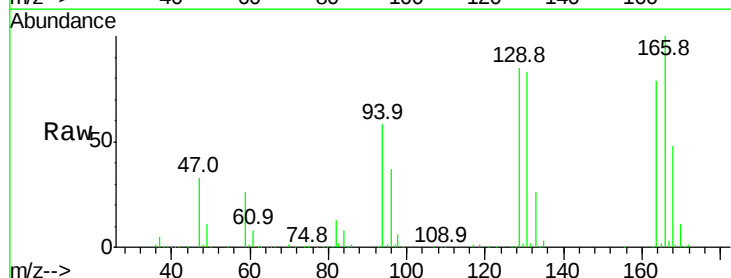
Manual Integrations
APPROVED

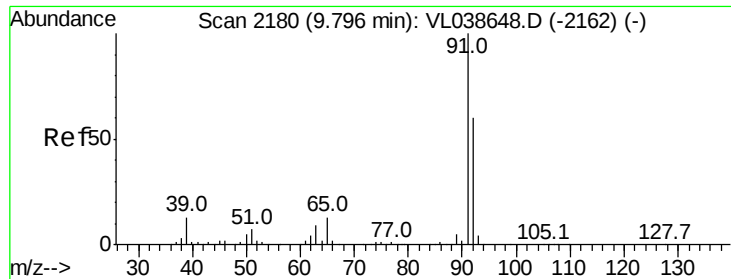
Reviewed By :Semsettin Yesilyurt 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Tetrachloroethene
Concen: 9.03 ppbv
RT: 11.23 min Scan# 2626
Delta R.T.: 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:164 Resp: 594621
Ion Ratio Lower Upper
164 100
166 126.1 103.3 154.9
129 107.6 85.2 127.8
131 104.6 78.3 117.5





#53

Toluene

Concen: 9.64 ppbv

RT: 9.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 17:05

Tgt Ion:

Ion Ratio

91 100

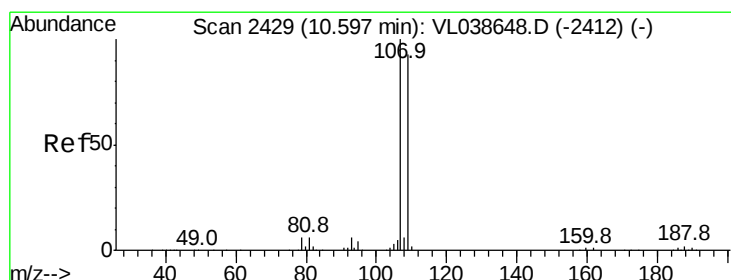
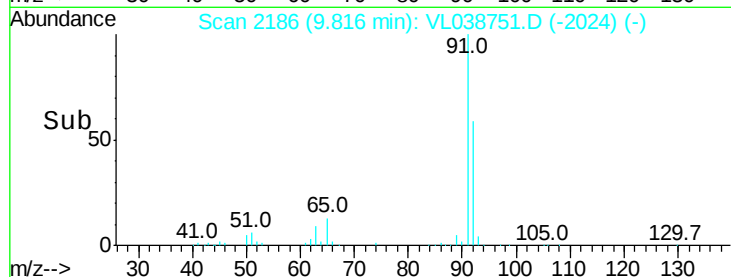
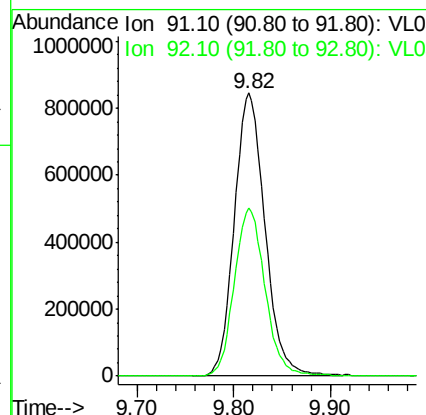
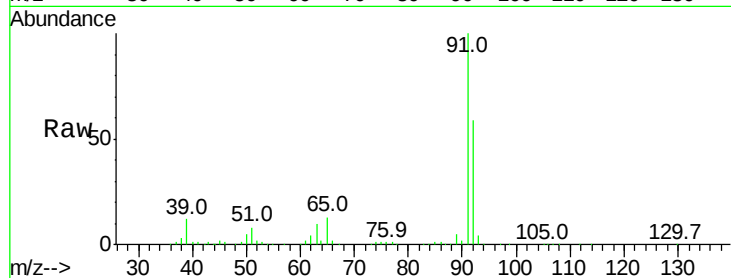
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#54

1,2-Dibromoethane

Concen: 9.59 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. 0.02 min

Lab File: VL038751.D

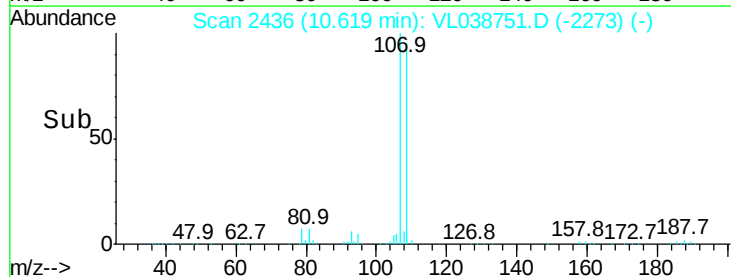
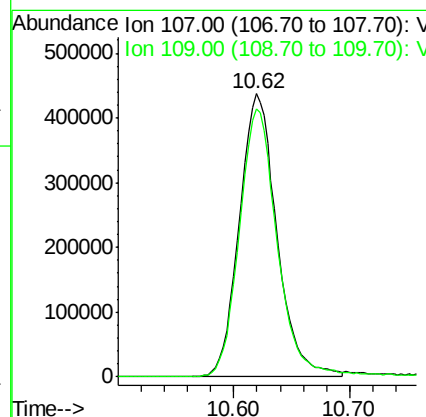
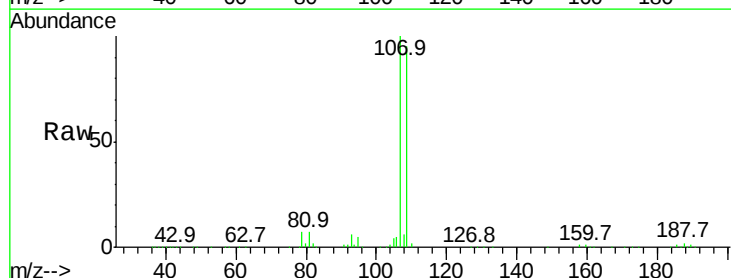
Acq: 24 Mar 2022 17:05

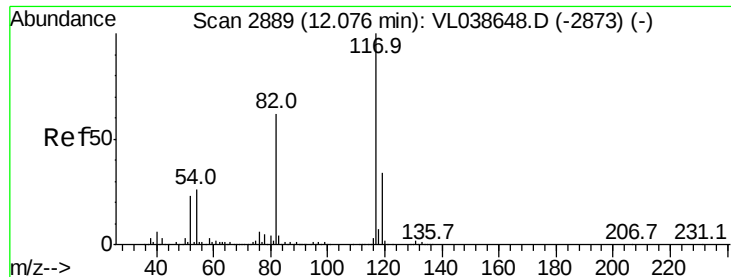
Tgt Ion:107 Resp: 983776

Ion Ratio Lower Upper

107 100

109 94.6 74.1 111.1



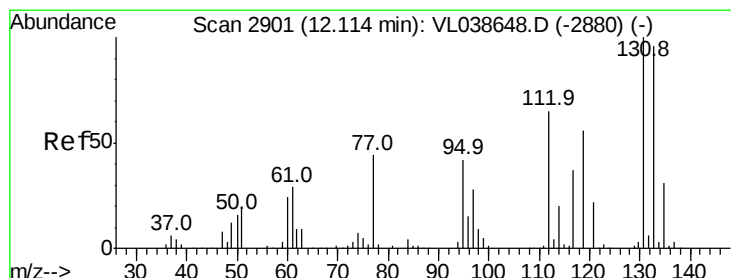
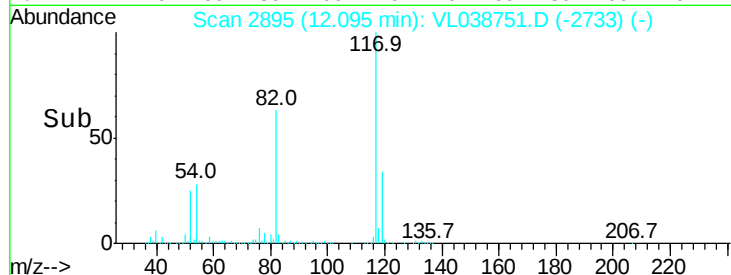
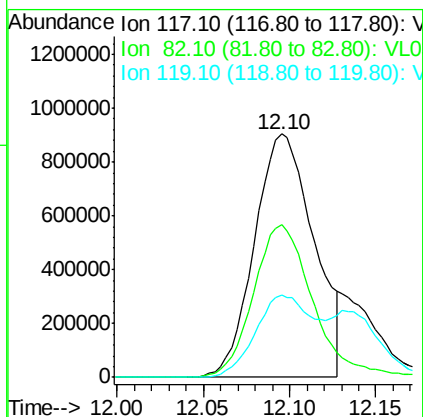
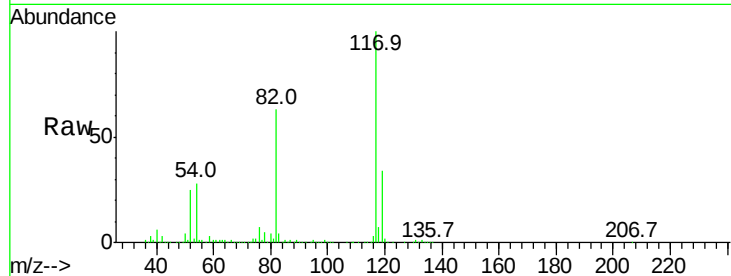


#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.10
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampled:
VL0324ABS01
Acq: 24 Mar 2022 17:05

Tgt Ion:1
Ion Rati
117 100
82 64.
119 57.

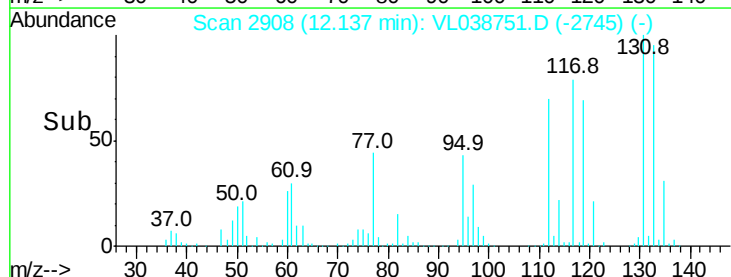
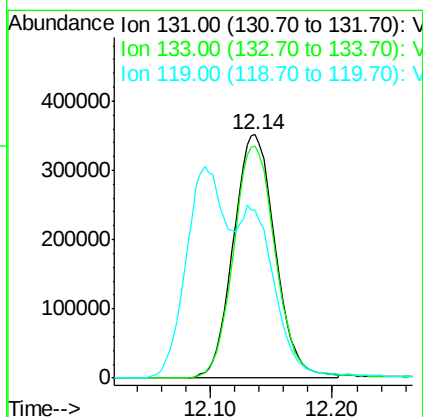
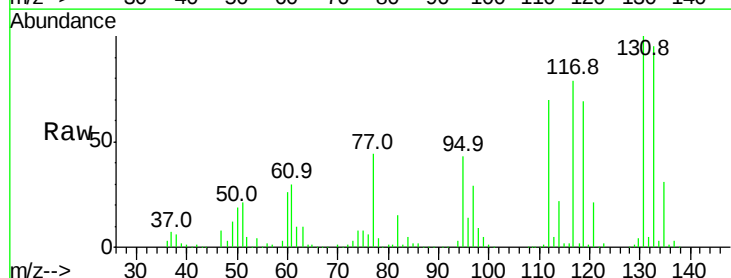
Manual Integrations
APPROVED

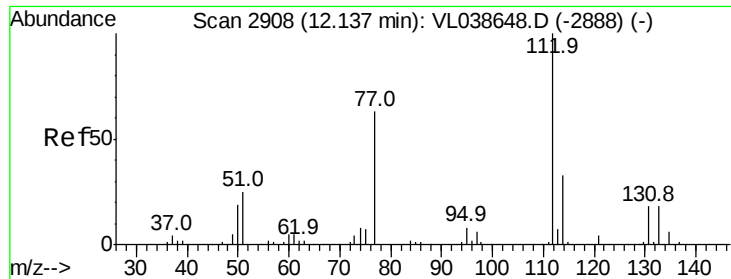
Reviewed By :Semsettin Yesilyurt 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.33 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:131 Resp: 835854
Ion Ratio Lower Upper
131 100
133 96.2 77.3 115.9
119 148.6 53.0 79.6#





#57

Chlorobenzene

Concen: 8.81 ppbv

RT: 12.16

Delta R.T. MSVOA_L

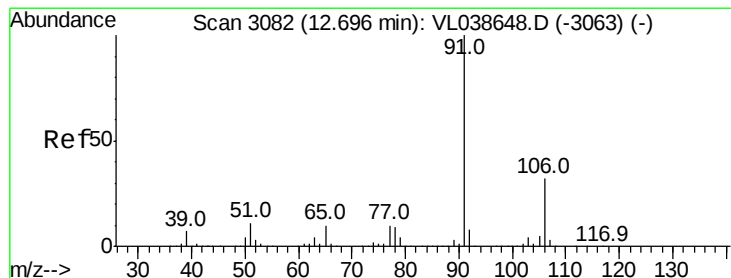
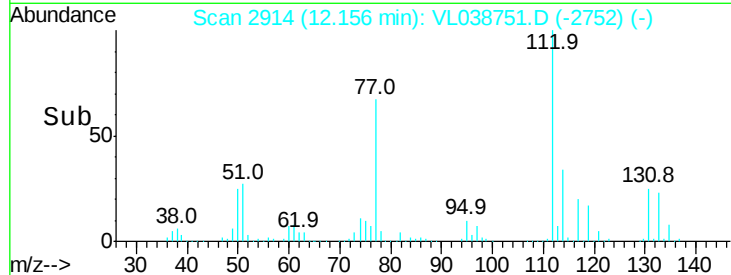
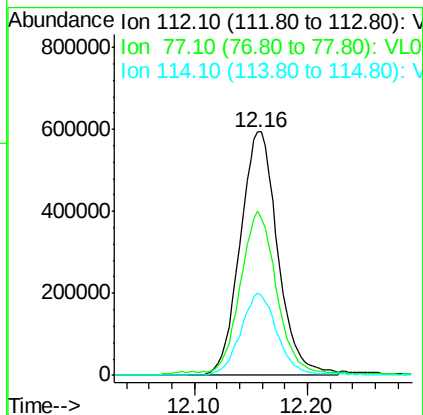
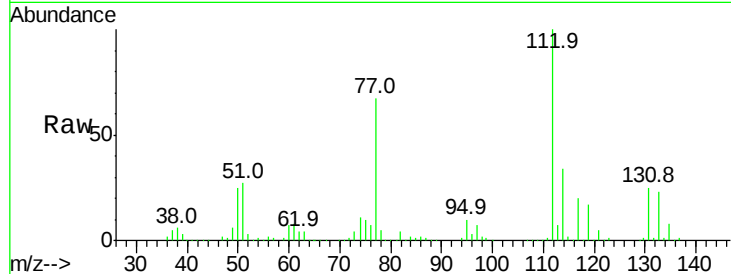
Lab File: ClientSampleId :

Acq: 24 Mar 2022 17:05

Tgt Ion: 112.10
Ion Ratio: 100
77 66.1
114 33.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#58

Ethyl Benzene

Concen: 9.48 ppbv

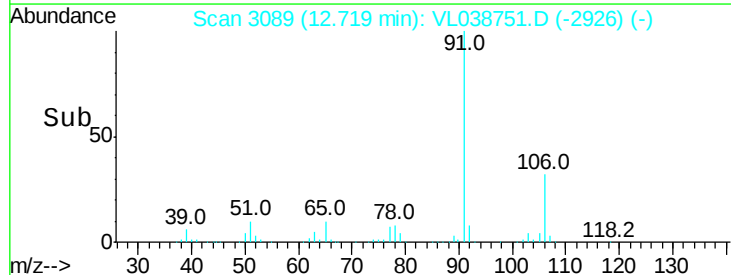
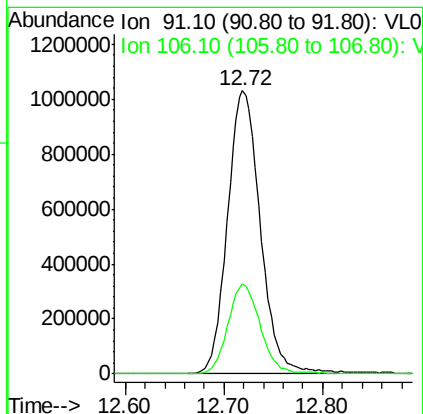
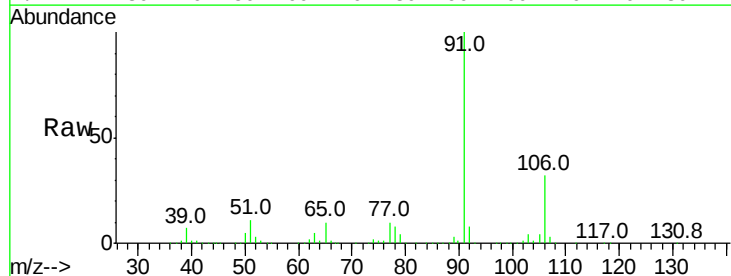
RT: 12.72 min Scan# 3089

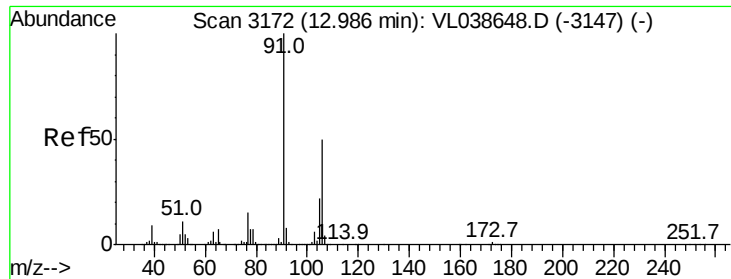
Delta R.T. 0.02 min

Lab File: VL038751.D

Acq: 24 Mar 2022 17:05

Tgt Ion: 91 Resp: 2393504
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0



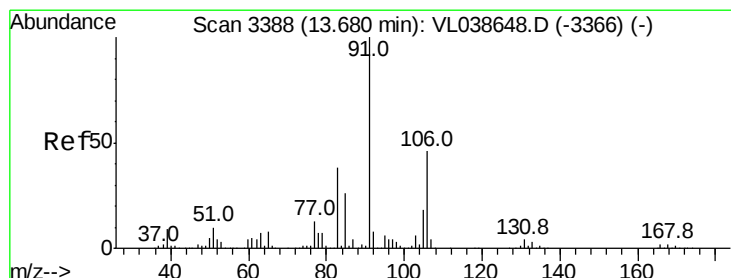
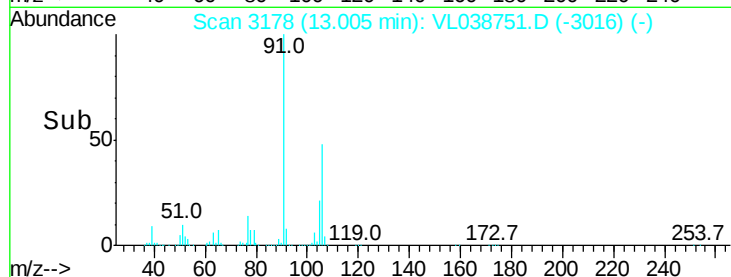
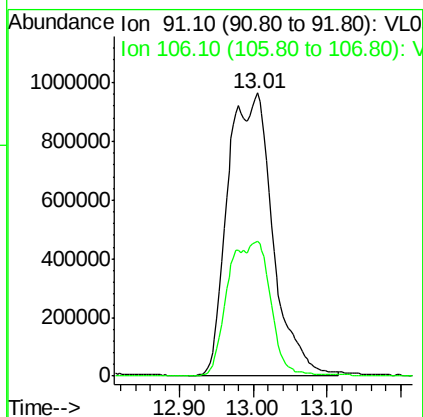
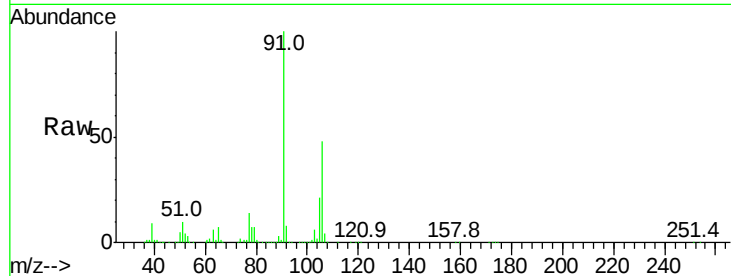


#59
m/p-Xylene
Concen: 18.53 ppbv m
RT: 13.01 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0324ABS01
Acq: 24 Mar 2022 17:05

Tgt Ion:
Ion Ratio
91 100
106 45.

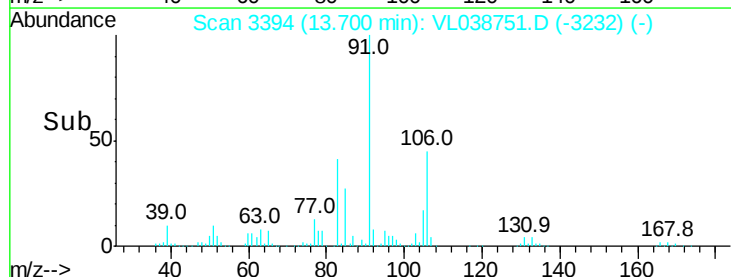
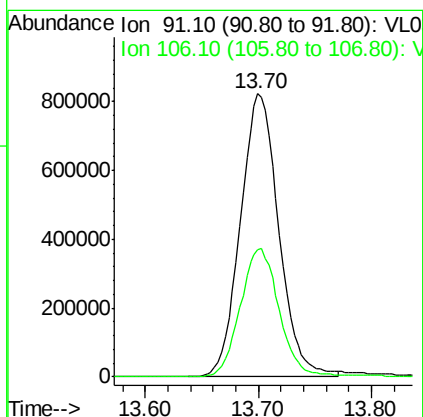
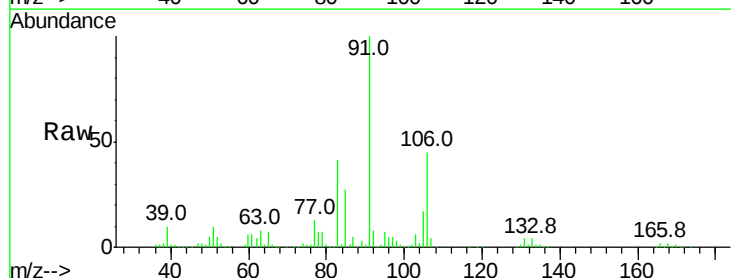
Manual Integrations
APPROVED

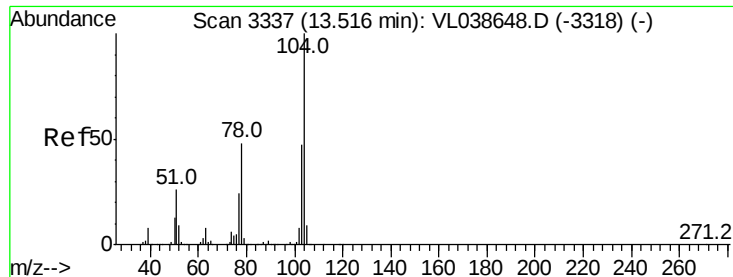
Reviewed By :Semsettin Yesilyurt 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#60
o-Xylene
Concen: 9.25 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 91 Resp: 1940540
Ion Ratio Lower Upper
91 100
106 46.9 23.5 70.5





#61

Styrene

Concen: 10.01 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 17:05

Tgt Ion:1

Ion Rati

104 100

78 51.

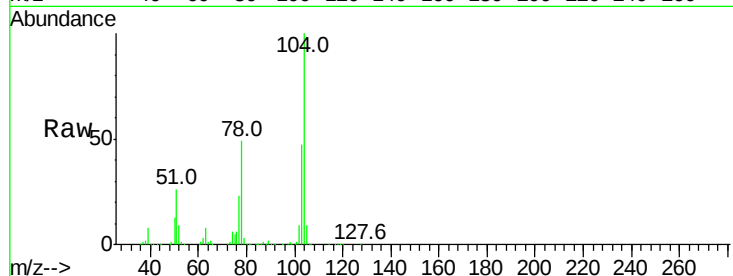
103 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

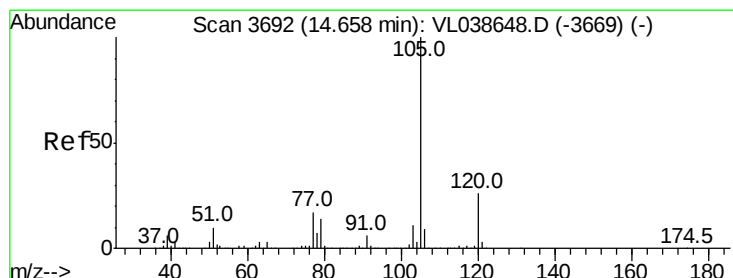
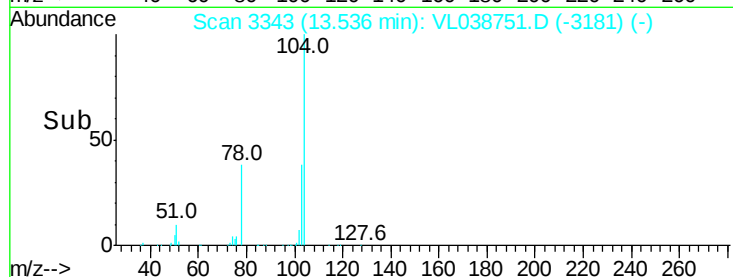
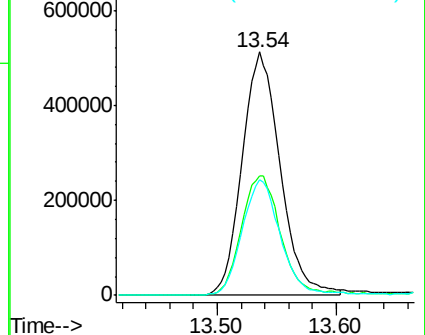
Supervised By :Mahesh Dadoda 03/28/2022



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: 8.96 ppbv

RT: 14.68 min Scan# 3698

Delta R.T. 0.02 min

Lab File: VL038751.D

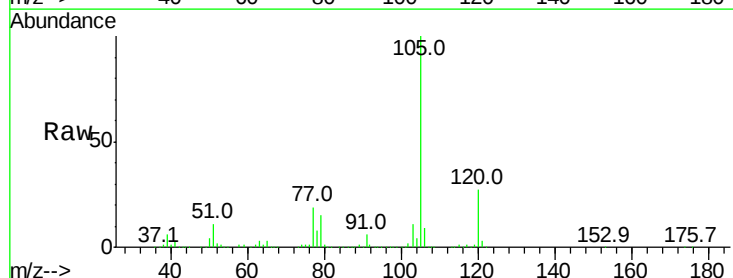
Acq: 24 Mar 2022 17:05

Tgt Ion:105 Resp: 2824638

Ion Ratio Lower Upper

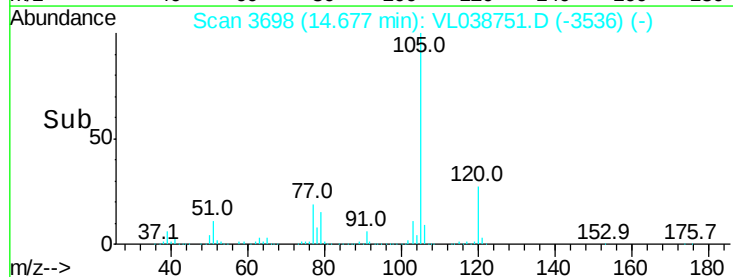
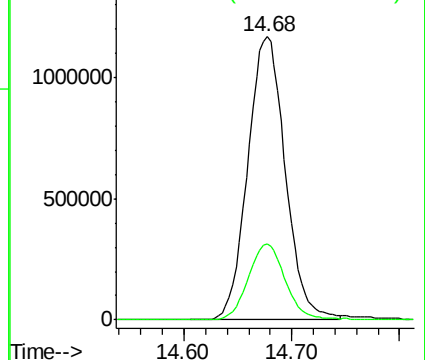
105 100

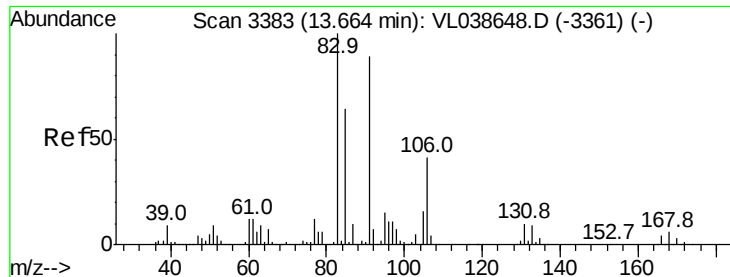
120 26.6 21.2 31.8



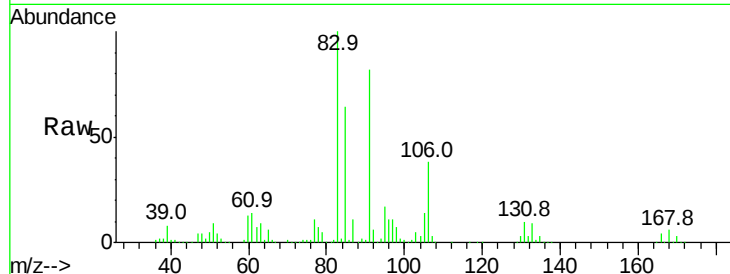
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





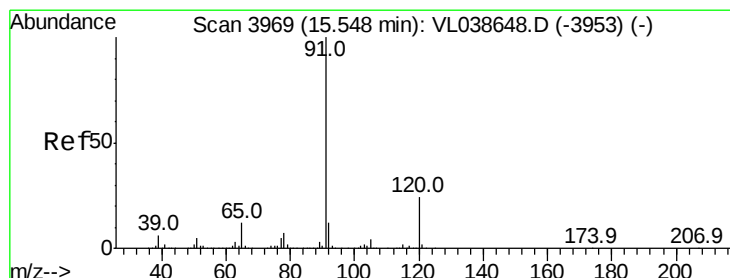
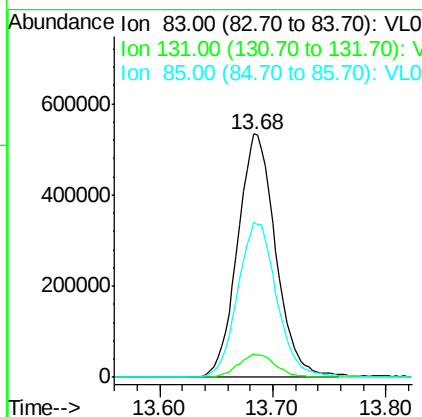
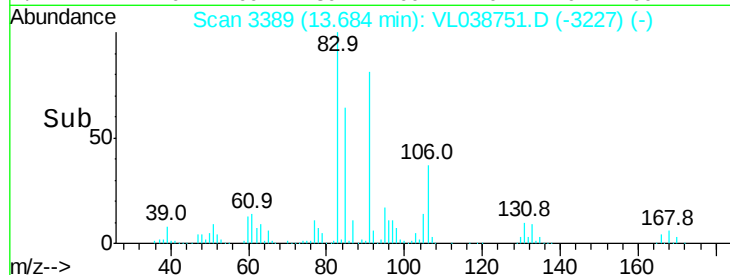
#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.68 ppbv
 RT: 13.68 min
 Delta R.T. 0.02 min
 Lab File: VL0324ABS01
 Acq: 24 Mar 2022 17:05



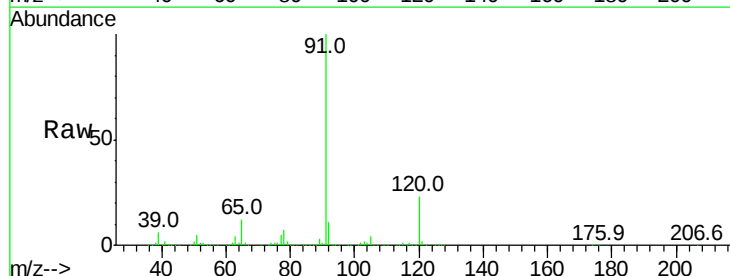
Tgt Ion:
 Ion Ratio
 83 100
 131 9.
 85 66.

Manual Integrations
 APPROVED

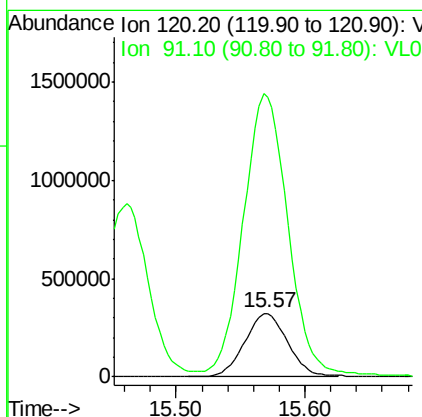
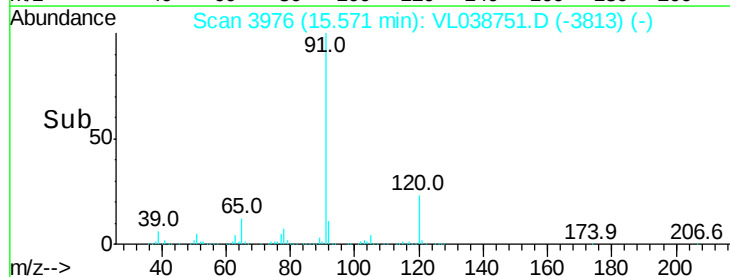
Reviewed By :Semsettin Yesilyurt 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

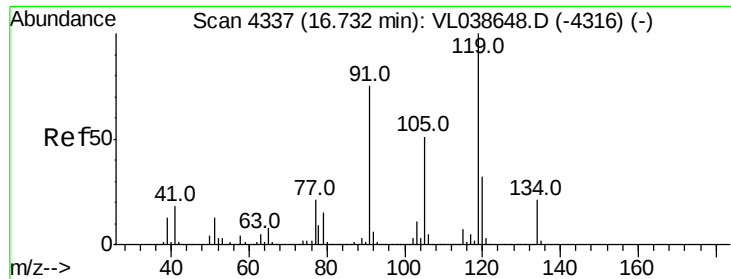


#64
 n-propylbenzene
 Concen: 9.07 ppbv
 RT: 15.57 min Scan# 3976
 Delta R.T. 0.02 min
 Lab File: VL038751.D
 Acq: 24 Mar 2022 17:05



Tgt Ion:120 Resp: 750438
 Ion Ratio Lower Upper
 120 100
 91 467.8 368.0 552.0



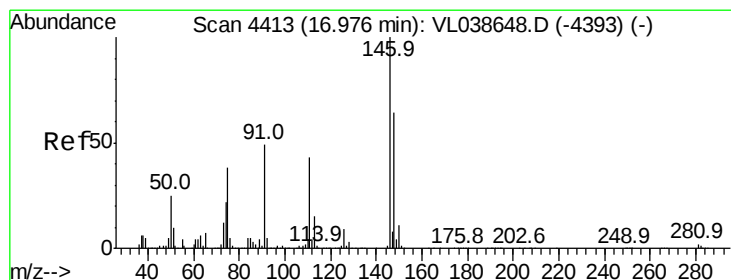
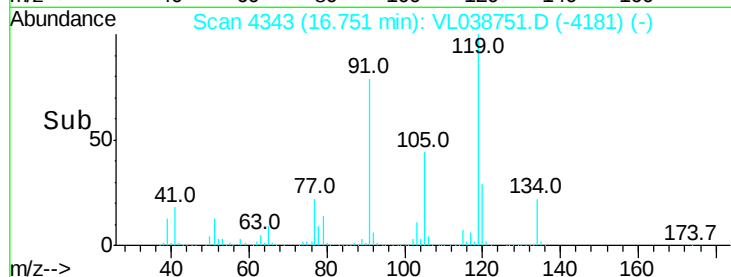
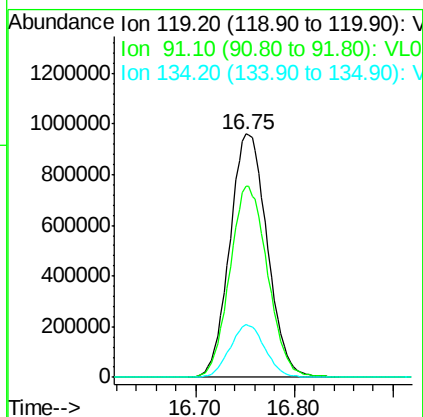
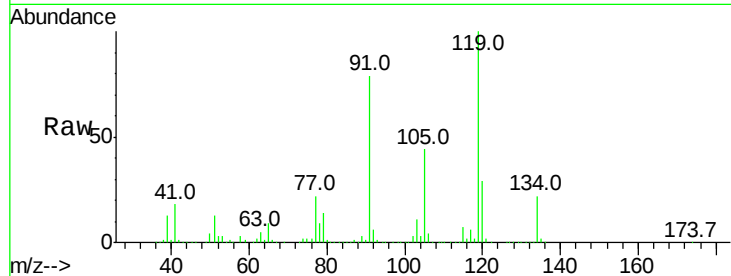


#65
tert-Butylbenzene
Concen: 8.97 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0324ABS01
Acq: 24 Mar 2022 17:05

Tgt Ion: 1
Ion Ratio
119 100
91 79.
134 20.

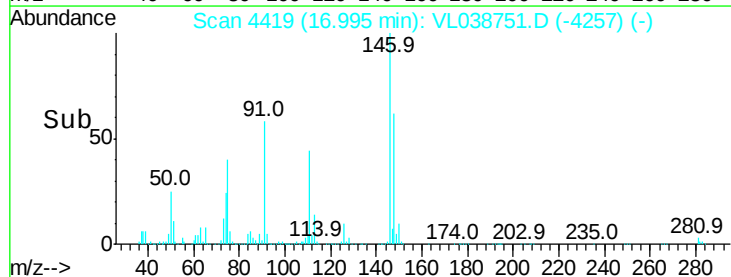
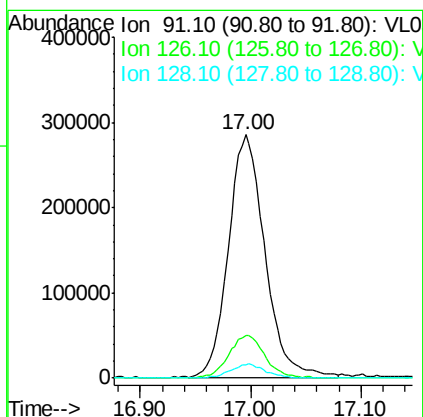
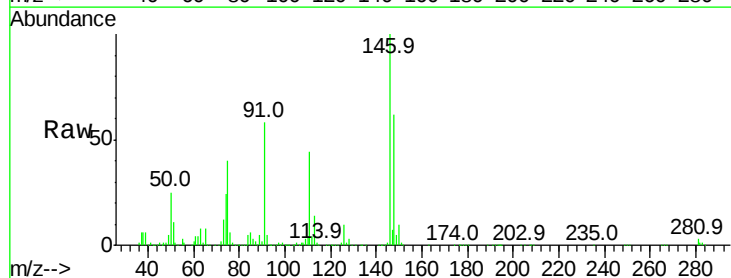
Manual Integrations
APPROVED

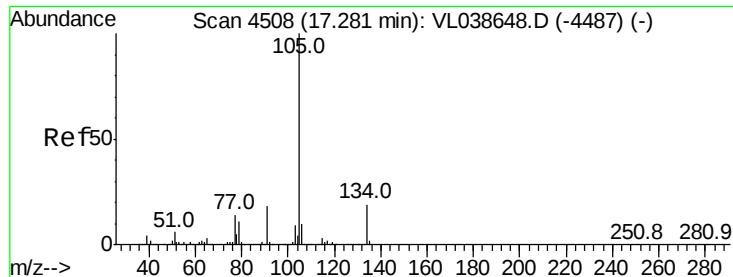
Reviewed By : Semsettin Yesilyurt 03/26/2022
Supervised By : Mahesh Dadoda 03/28/2022



#66
Benzyl Chloride
Concen: 12.12 ppbv
RT: 17.00 min Scan# 4419
Delta R.T.: 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 91 Resp: 650136
Ion Ratio Lower Upper
91 100
126 17.9 14.3 21.5
128 5.6 4.6 6.8





#67

sec-Butylbenzene

Concen: 8.92 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 17:05

Tgt Ion:1

Ion Rati

105 100

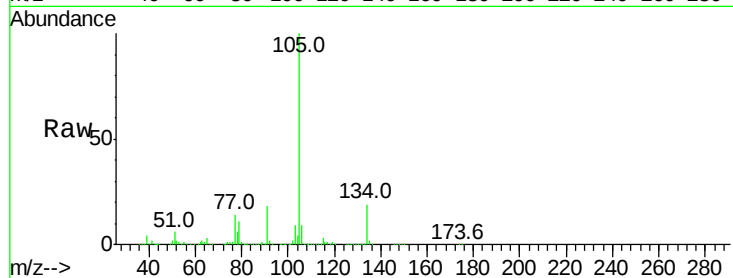
134 18.

Manual Integrations

APPROVED

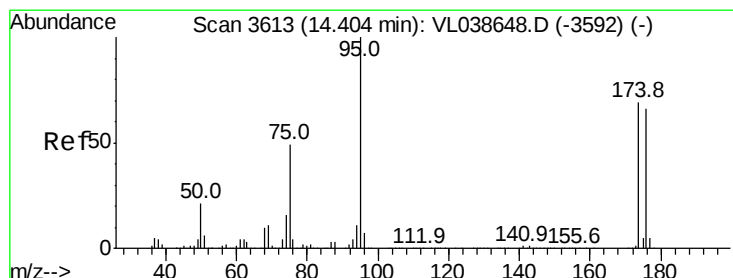
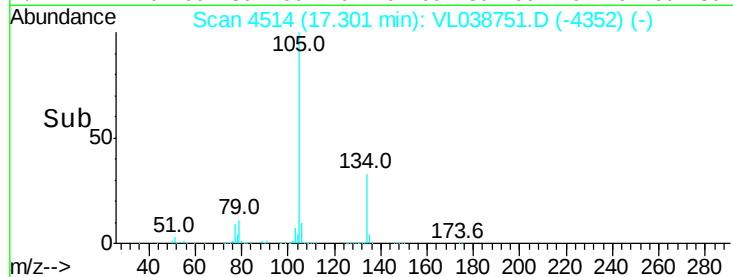
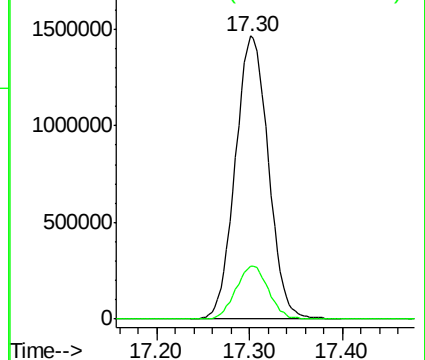
Reviewed By :Semsettin Yesilyurt 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.41 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.02 min

Lab File: VL038751.D

Acq: 24 Mar 2022 17:05

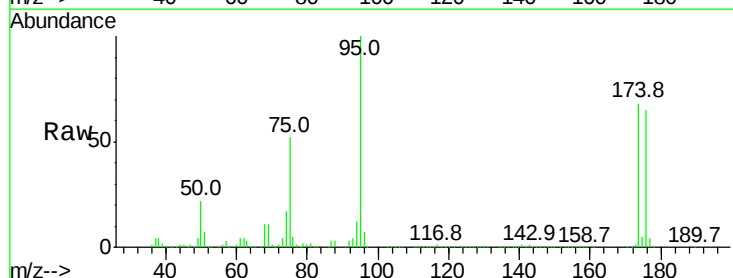
Tgt Ion: 95 Resp: 1723843

Ion Ratio Lower Upper

95 100

174 70.1 56.1 84.1

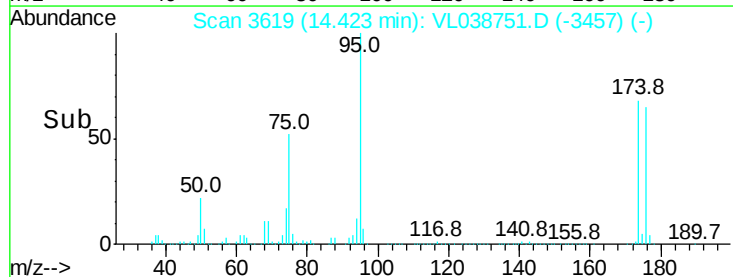
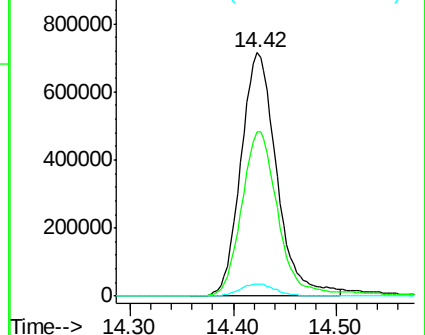
175 5.3 4.2 6.2

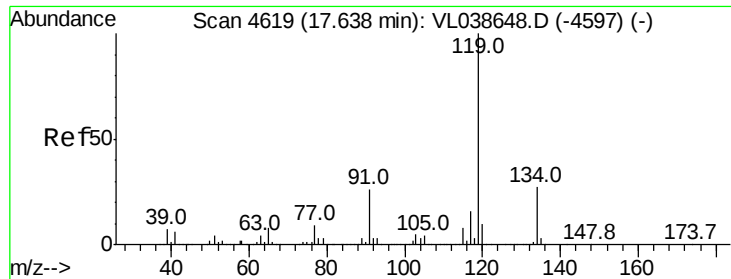


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



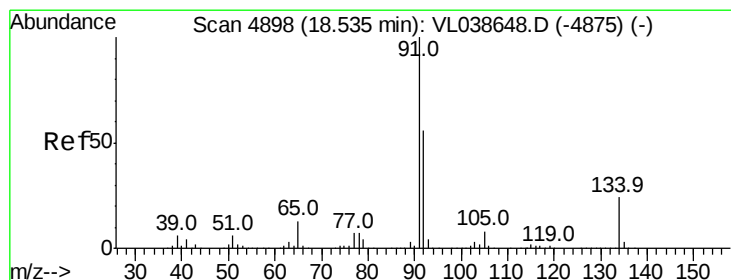
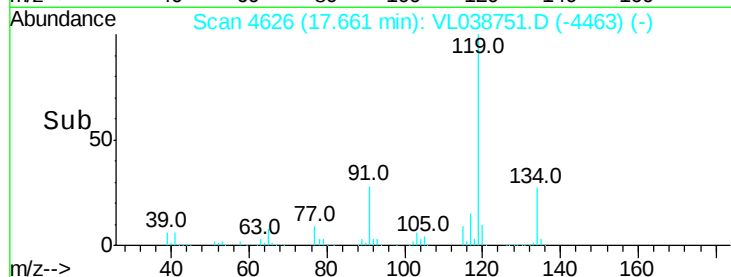
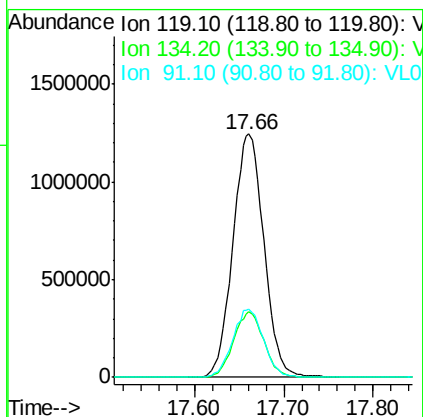
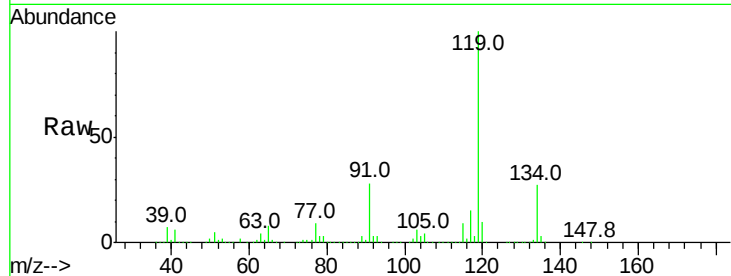


#69
 p-Isopropyltoluene
 Concen: 9.10 ppbv
 RT: 17.66 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: VL0324ABS01
 Client Sample ID:
 Acq: 24 Mar 2022 17:05

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

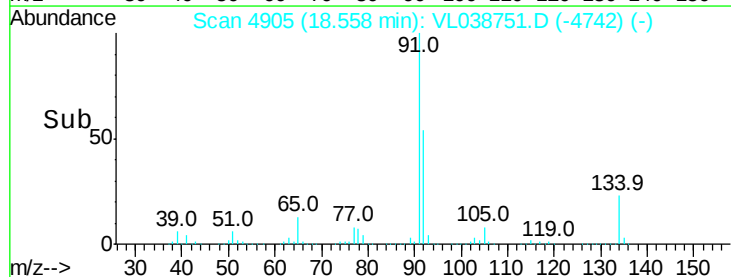
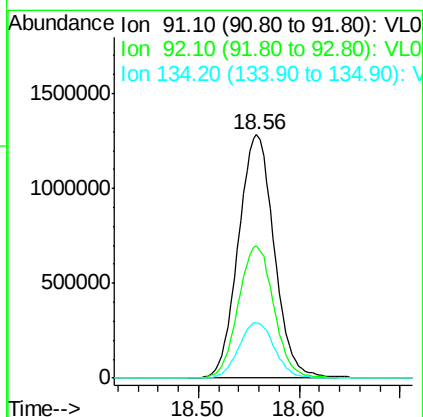
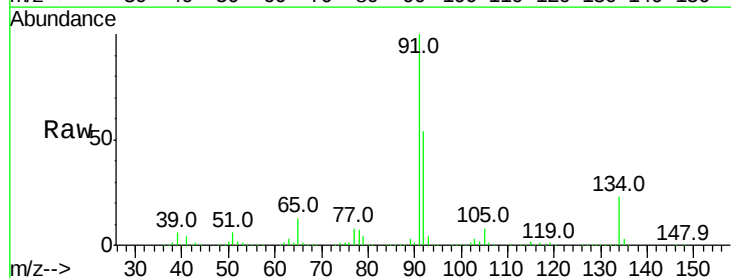
Manual Integrations
 APPROVED

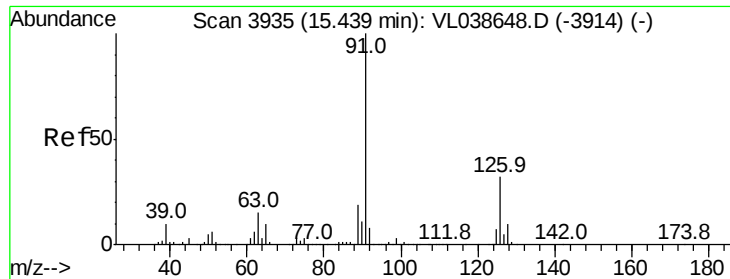
Reviewed By : Semsettin Yesilyurt 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022



#70
 n-Butylbenzene
 Concen: 9.24 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T.: 0.02 min
 Lab File: VL038751.D
 Acq: 24 Mar 2022 17:05

Tgt Ion: 91 Resp: 3150795
 Ion Ratio Lower Upper
 91 100
 92 54.4 43.9 65.9
 134 22.9 18.7 28.1



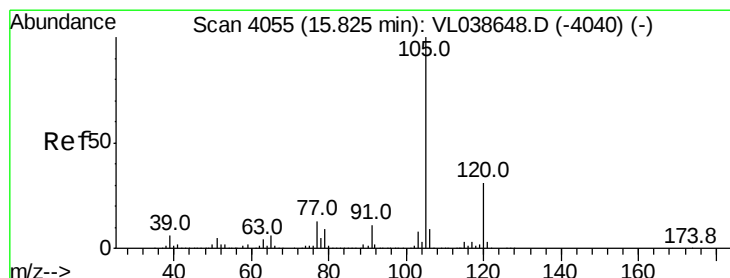
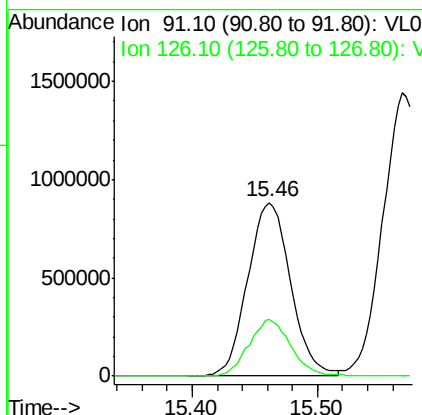
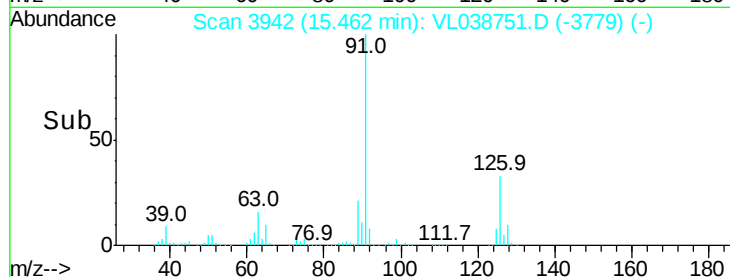
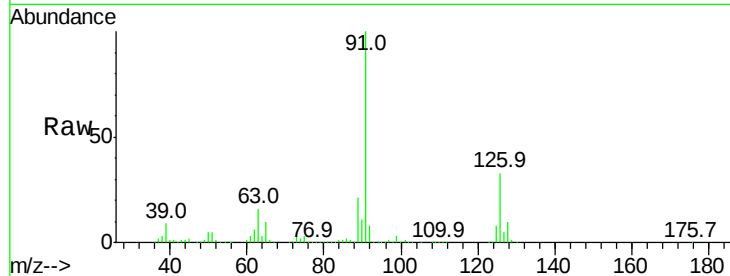


#71
 2-Chlorotoluene
 Concen: 8.97 ppbv
 RT: 15.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0324ABS01
 Acq: 24 Mar 2022 17:05

Tgt Ion:
 Ion Ratio
 91 100
 126 32.

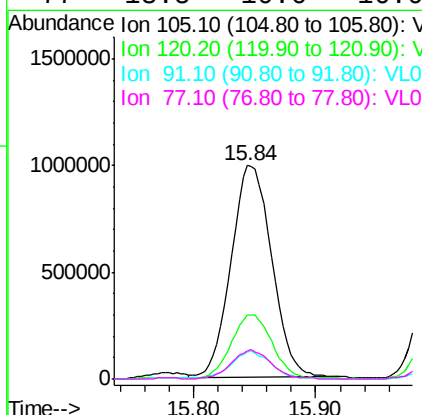
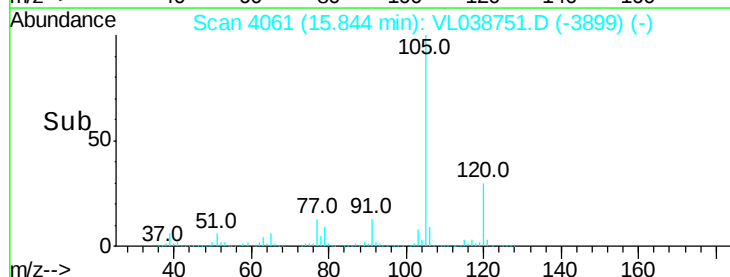
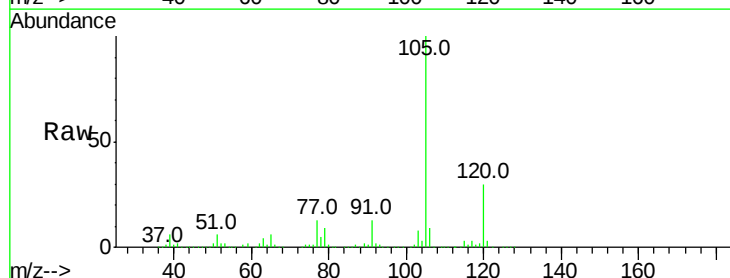
Manual Integrations
 APPROVED

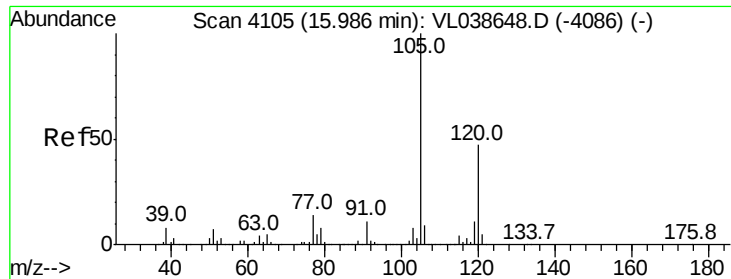
Reviewed By :Semsettin Yesilyurt 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#72
 4-Ethyltoluene
 Concen: 9.31 ppbv
 RT: 15.84 min Scan# 4061
 Delta R.T. 0.02 min
 Lab File: VL038751.D
 Acq: 24 Mar 2022 17:05

Tgt Ion:105 Resp: 2306167
 Ion Ratio Lower Upper
 105 100
 120 31.0 24.9 37.3
 91 12.6 9.8 14.6
 77 13.5 10.6 16.0

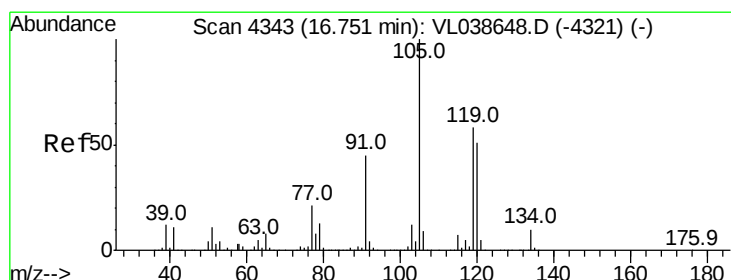
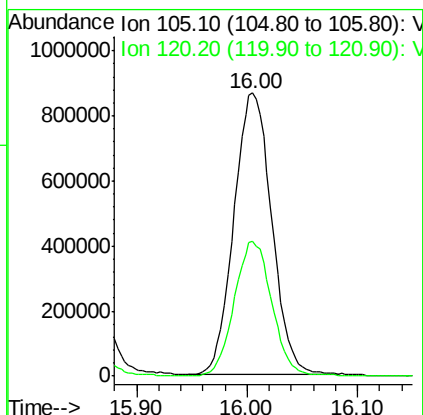
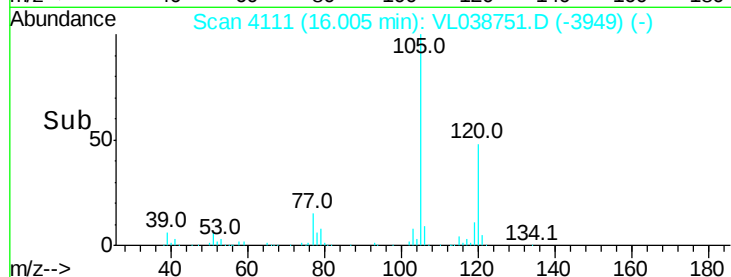
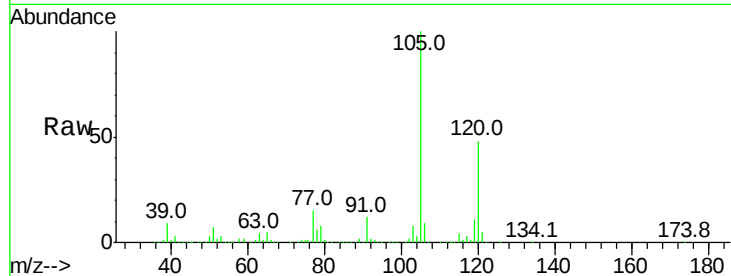




#73
 1,3,5-Trimethylbenzene
 Concen: 9.11 ppbv
 RT: 16.00 min
 Delta R.T. 0.02 min
 Lab File: VL0324ABS01
 Acq: 24 Mar 2022 17:05

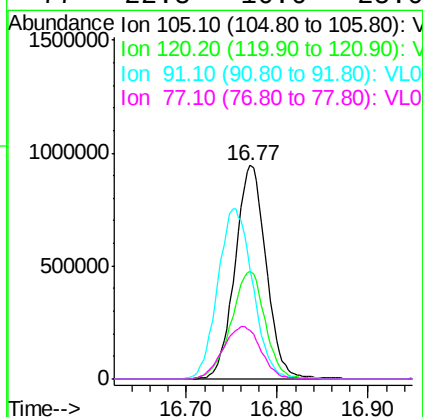
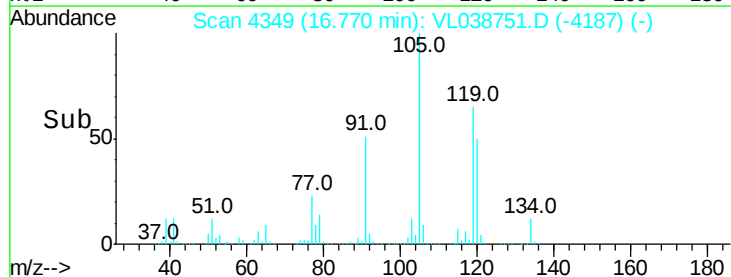
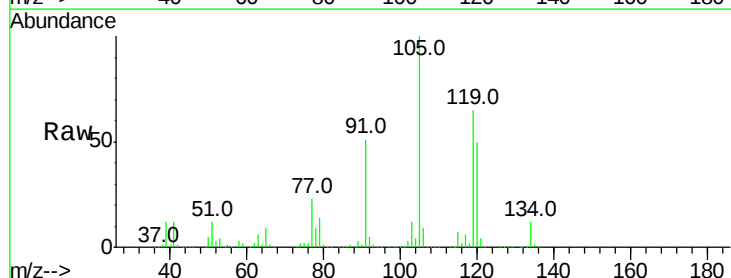
Manual Integrations
 APPROVED

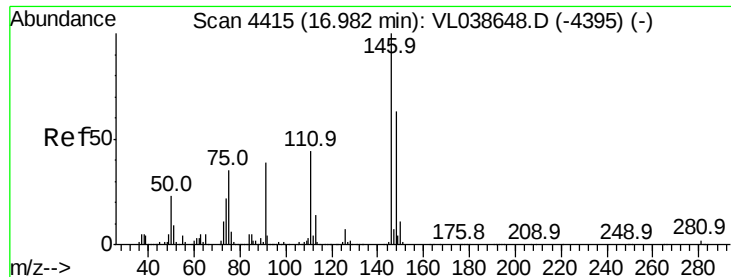
Reviewed By :Semsettin Yesilyurt 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 9.12 ppbv
 RT: 16.77 min Scan# 4349
 Delta R.T. 0.02 min
 Lab File: VL038751.D
 Acq: 24 Mar 2022 17:05

Tgt Ion:105 Resp: 2240779
 Ion Ratio Lower Upper
 105 100
 120 50.0 40.5 60.7
 91 51.4 35.9 53.9
 77 22.8 16.6 25.0



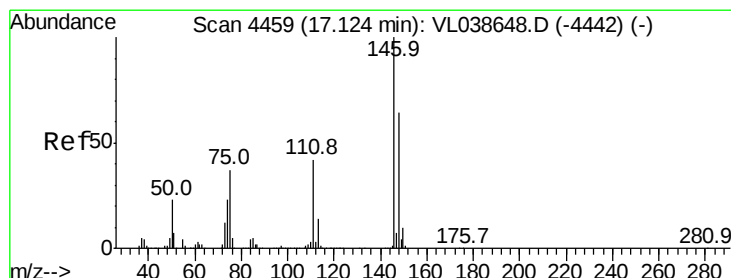
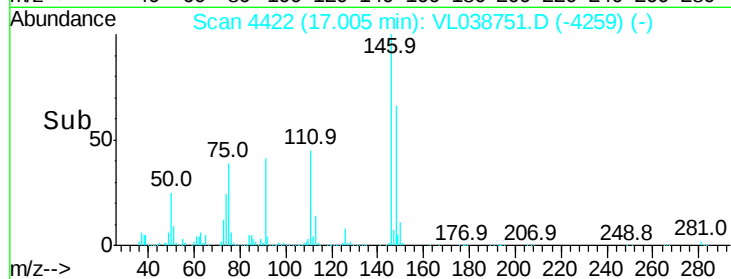
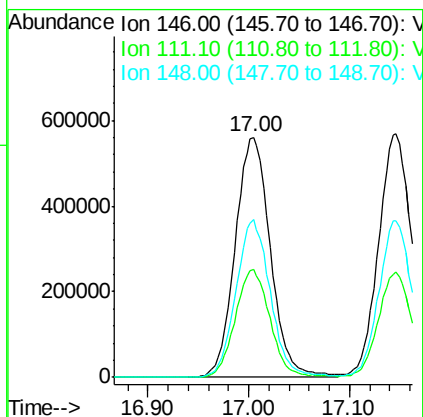
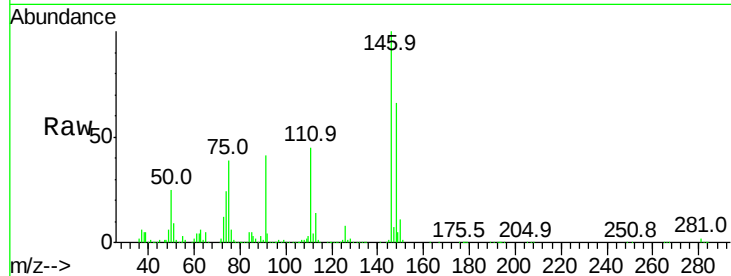


#75
 1,3-Dichlorobenzene
 Concen: 8.67 ppbv
 RT: 17.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled : VL0324ABS01
 Acq: 24 Mar 2022 17:05

Tgt Ion:1
 Ion Rati
 146 100
 111 44.
 148 64.

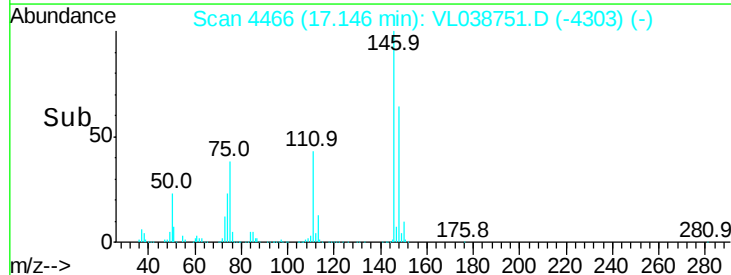
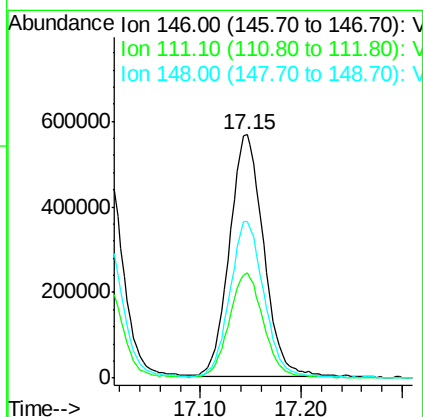
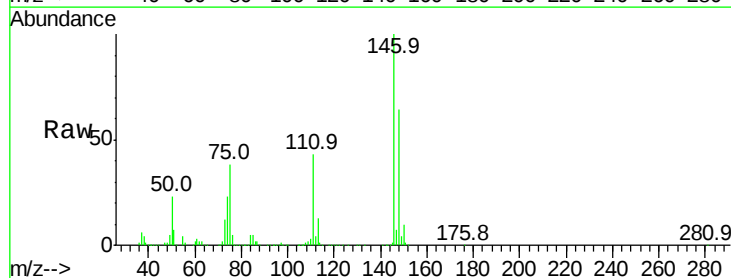
Manual Integrations
 APPROVED

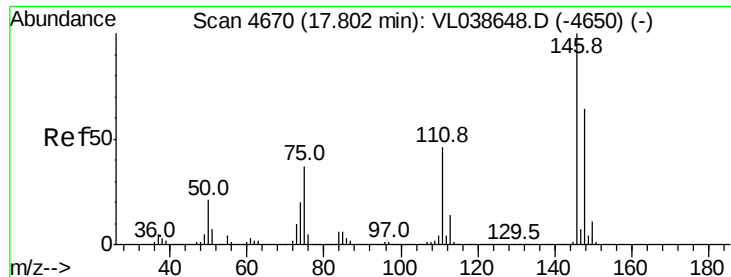
Reviewed By :Semsettin Yesilyurt 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#76
 1,4-Dichlorobenzene
 Concen: 8.52 ppbv
 RT: 17.15 min Scan# 4466
 Delta R.T. 0.02 min
 Lab File: VL038751.D
 Acq: 24 Mar 2022 17:05

Tgt Ion:146 Resp: 1326309
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.4 64.2
 148 64.9 32.1 96.3





#77

1,2-Dichlorobenzene

Concen: 8.60 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 24 Mar 2022 17:05

Tgt Ion:1

Ion Rati

146 100

111 47.

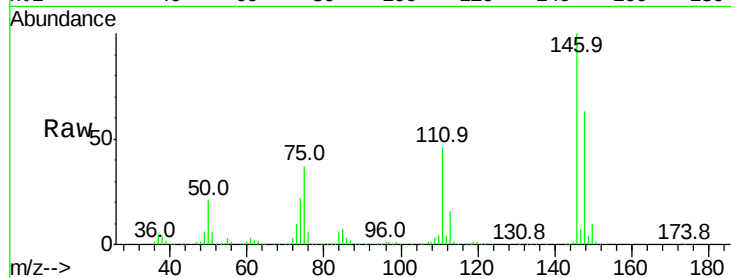
148 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2022

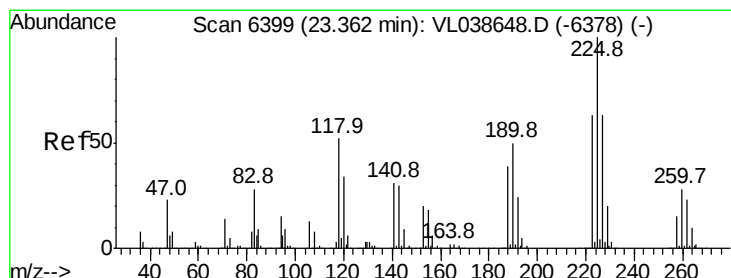
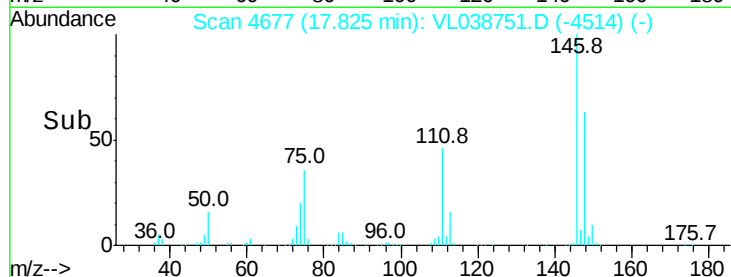
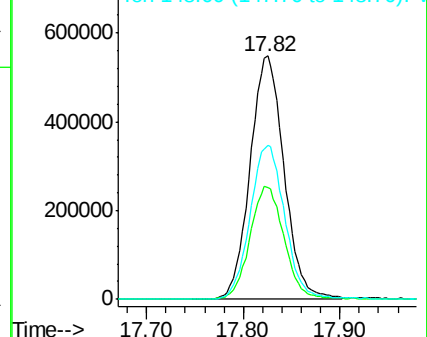
Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 8.62 ppbv

RT: 23.38 min Scan# 6406

Delta R.T. 0.02 min

Lab File: VL038751.D

Acq: 24 Mar 2022 17:05

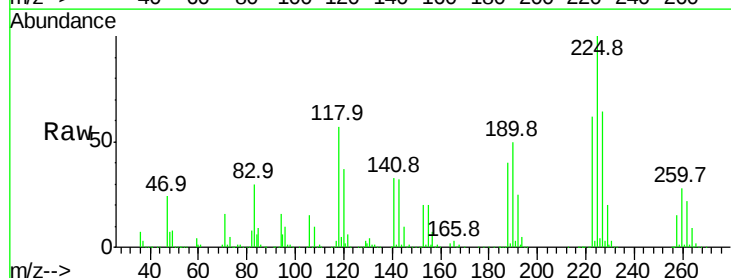
Tgt Ion:225 Resp: 1235089

Ion Ratio Lower Upper

225 100

223 64.5 51.0 76.6

227 64.8 51.5 77.3



Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V

