

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
 Data File : VL038556.D
 Acq On : 8 Mar 2022 13:03
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Quant Time: Mar 08 20:34:20 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A

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

QLast Update : Tue Mar 08 13:53:01 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	882443	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2324161	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2049512	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1570018	9.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	85416	0.61	ppbv	99
3) Chlorodifluoromethane	2.98	51	85748	0.55	ppbv	98
4) Chloromethane	3.14	50	31746	0.59	ppbv	93
5) Vinyl Chloride	3.26	62	27740	0.49	ppbv	99
6) Bromomethane	3.47	94	16819m	0.56	ppbv	
7) Chloroethane	3.56	64	9961m	0.55	ppbv	
8) Dichlorotetrafluoroethane	3.18	85	72283	0.56	ppbv	100
9) Propene	3.01	41	28291	0.55	ppbv	90
10) Heptane	8.11	43	60991	0.49	ppbv	91
11) Trichlorofluoromethane	3.95	101	64313	0.48	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	47889m	0.49	ppbv	
13) Ethanol	3.61	45	4059m	0.79	ppbv	
14) Bromoethene	3.73	108	18304	0.47	ppbv	83
15) Acetone	3.86	43	34394m	0.46	ppbv	
16) 1,3-Butadiene	3.33	39	25108	0.50	ppbv	97
17) tert-Butyl alcohol	4.30	59	37773m	0.50	ppbv	
18) 1,1-Dichloroethene	4.28	96	22147m	0.51	ppbv	
19) Isopropyl Alcohol	3.98	45	24167m	0.56	ppbv	
20) Methylene Chloride	4.34	84	22381m	0.60	ppbv	
21) Allyl Chloride	4.41	41	32726m	0.52	ppbv	
22) trans-1,2-Dichloroethene	4.87	96	22487	0.52	ppbv #	87
23) Vinyl Acetate	5.07	43	44382	0.45	ppbv	97
24) 1,1-Dichloroethane	5.00	63	43713m	0.49	ppbv	
25) Ethyl Acetate	5.68	43	103391	0.51	ppbv	97
26) Hexane	5.68	57	48889	0.54	ppbv	88
27) Carbon Disulfide	4.54	76	49112m	0.48	ppbv	
28) Methyl tert-Butyl Ether	5.04	73	39660	0.43	ppbv	96
29) Chloroform	5.74	83	82606	0.55	ppbv	96
30) Cyclohexane	7.12	84	44298	0.59	ppbv #	84
31) cis-1,2-Dichloroethene	5.54	61	49131m	0.56	ppbv	
32) 1,1,1-Trichloroethane	6.50	97	76180	0.51	ppbv	97
34) 2-Butanone	5.25	43	28630	0.39	ppbv	92
35) Carbon Tetrachloride	7.01	117	76532	0.47	ppbv	99
36) Benzene	6.88	78	105705	0.52	ppbv	98
37) 1,2-Dichloroethane	6.29	62	49039	0.41	ppbv	98
38) Trichloroethene	7.83	130	38391	0.52	ppbv	90
39) 1,2-Dichloropropane	7.60	63	40041	0.49	ppbv	92
40) 1,4-Dioxane	7.86	88	11751m	0.61	ppbv	
41) Tetrahydrofuran	6.07	42	23916m	0.48	ppbv	
42) Bromodichloromethane	7.78	83	80726m	0.47	ppbv	
43) Methyl Methacrylate	8.01	69	32332m	0.45	ppbv	

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Manual Integrations
 APPROVED

Quant Time: Mar 08 20:34:20 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A

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

QLast Update : Tue Mar 08 13:53:01 2022

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Reviewed By : Semsettin Yesilyurt 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	182541	0.52	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	20916m	0.37	ppbv	
46) cis-1,3-Dichloropropene	8.69	75	31365m	0.42	ppbv	
47) 1,1,2-Trichloroethane	9.46	97	40258	0.50	ppbv	97
48) Dibromochloromethane	10.29	129	60489	0.46	ppbv	97
49) Bromoform	13.02	173	45041m	0.46	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	55890m	0.43	ppbv	
51) 2-Hexanone	10.15	43	21347m	0.37	ppbv	
52) Tetrachloroethene	11.21	164	38584m	0.57	ppbv	
53) Toluene	9.79	91	103900	0.47	ppbv	98
54) 1,2-Dibromoethane	10.59	107	58163m	0.51	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.10	131	44899	0.53	ppbv #	1
57) Chlorobenzene	12.13	112	87243	0.55	ppbv	97
58) Ethyl Benzene	12.70	91	126550	0.45	ppbv	99
59) m/p-Xylene	12.98	91	234797m	0.98	ppbv	
60) o-Xylene	13.68	91	113300m	0.50	ppbv	
61) Styrene	13.51	104	44660	0.43	ppbv	96
62) Isopropylbenzene	14.65	105	152213	0.50	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	91587m	0.50	ppbv	
64) n-propylbenzene	15.55	120	36299	0.48	ppbv	77
65) tert-Butylbenzene	16.73	119	135185	0.51	ppbv	96
66) Benzyl Chloride	16.98	91	7056m	0.49	ppbv	
67) sec-Butylbenzene	17.28	105	189660	0.51	ppbv	99
69) p-Isopropyltoluene	17.64	119	148663	0.51	ppbv	97
70) n-Butylbenzene	18.54	91	158956	0.52	ppbv	97
71) 2-Chlorotoluene	15.44	91	108032	0.46	ppbv	98
72) 4-Ethyltoluene	15.82	105	116477	0.46	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	115959m	0.51	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	122383	0.51	ppbv #	88
75) 1,3-Dichlorobenzene	16.98	146	79504m	0.59	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	77944m	0.59	ppbv	
77) 1,2-Dichlorobenzene	17.81	146	81212m	0.63	ppbv	
78) Hexachloro-1,3-Butadiene	23.36	225	85258	0.86	ppbv	98
79) Naphthalene	22.18	128	91285m	0.70	ppbv	
80) Naphthalene,2-methyl-	24.97	142	10780m	0.42	ppbv	
81) 1,2,4-Trichlorobenzene	21.91	180	62135m	0.79	ppbv	

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

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Instrument :
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VSTDICC0.5

Manual Integrations
APPROVED

Quant Time: Mar 08 20:34:20 2022

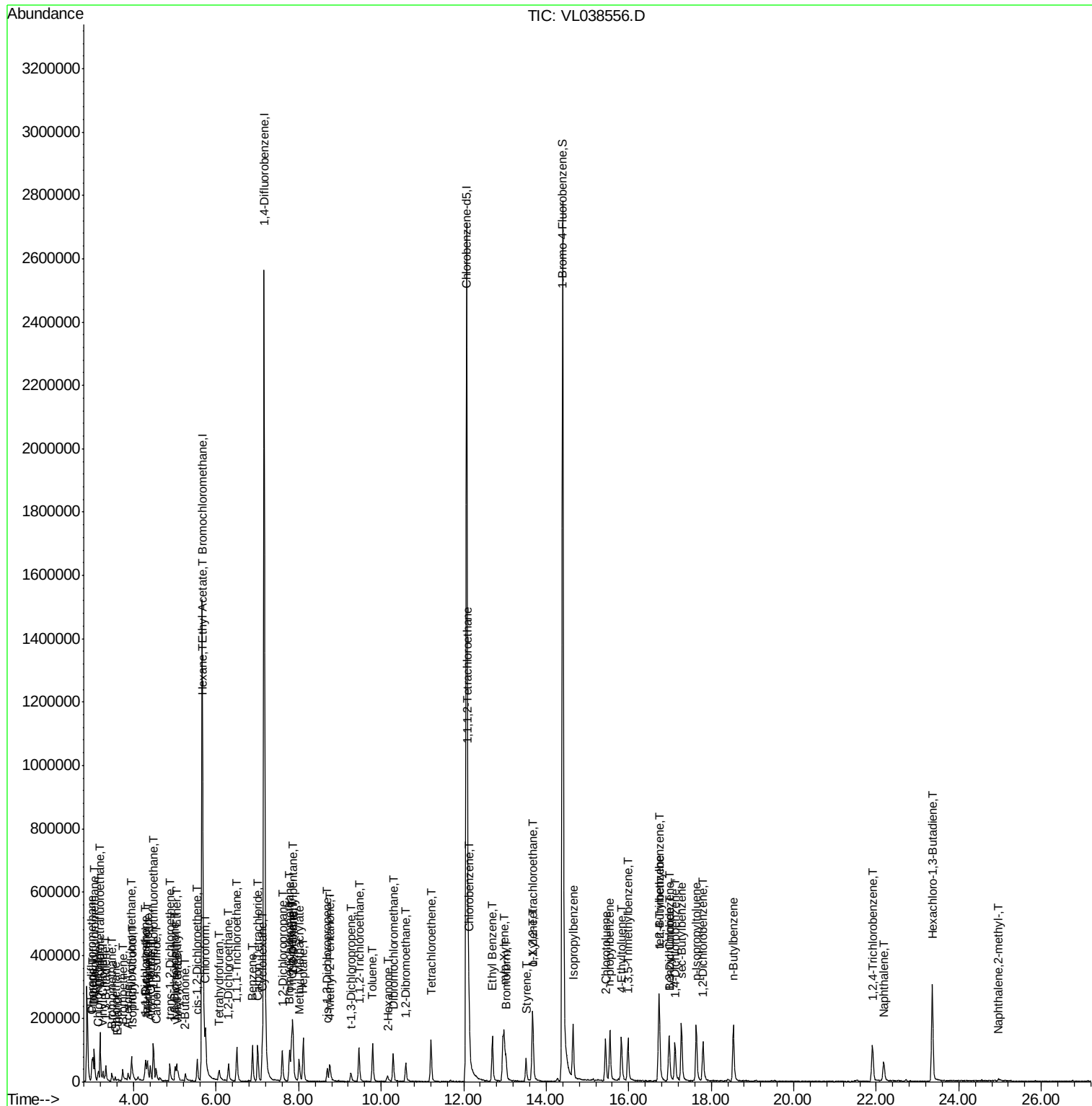
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL030822

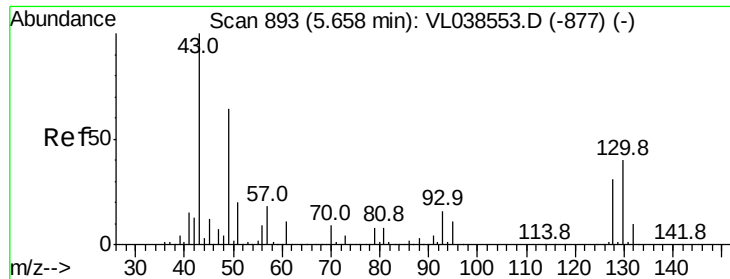
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Mar 08 13:53:01 2022

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Reviewed By :Semsettin Yesilyurt 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:03 VSTDIC0.5

Tgt Ion:

Ion Ratio

49 100

128 54.

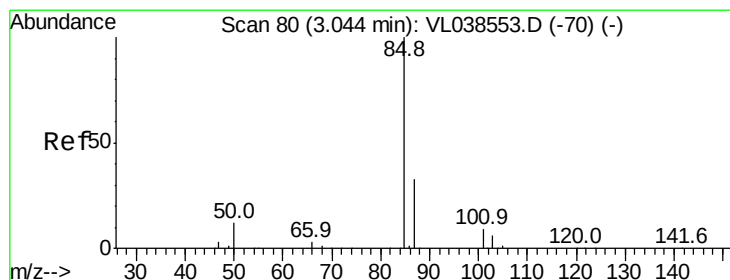
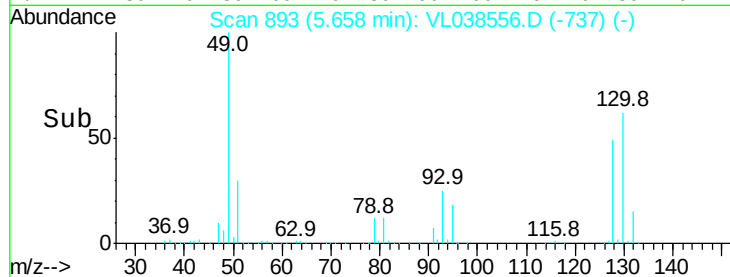
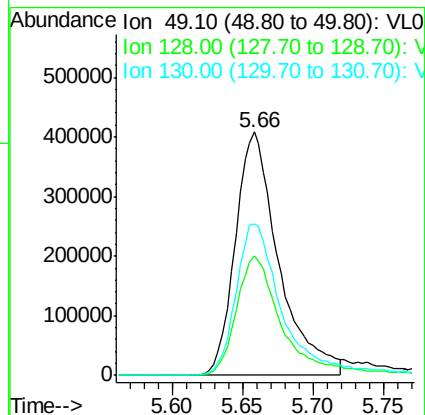
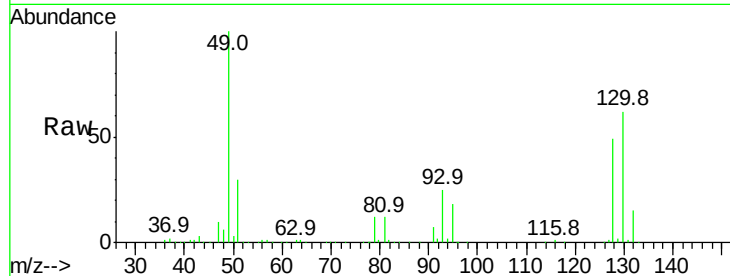
130 68.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#2

Dichlorodifluoromethane

Concen: 0.61 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL038556.D

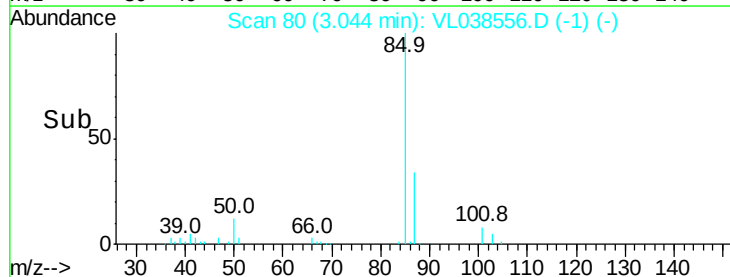
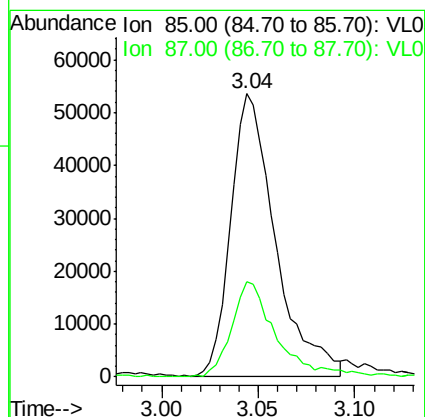
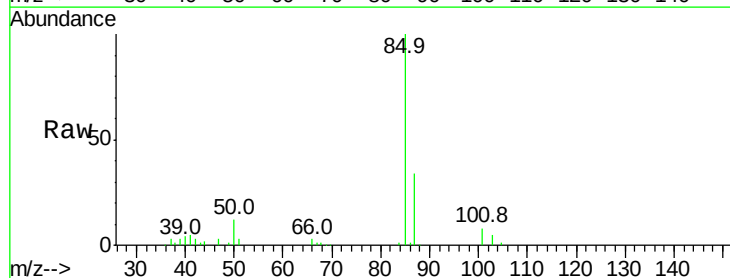
Acq: 8 Mar 2022 13:03

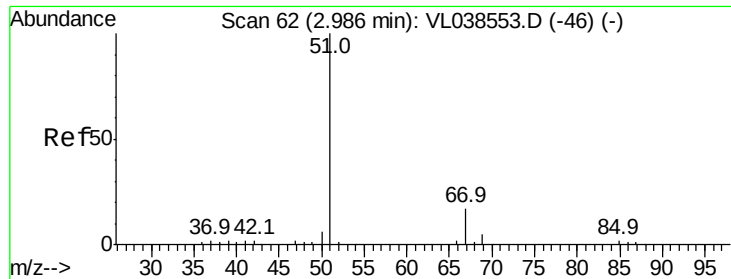
Tgt Ion: 85 Resp: 85416

Ion Ratio Lower Upper

85 100

87 33.4 26.2 39.2





#3

Chlorodifluoromethane

Concen: 0.55 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:03 VSTDIC0.5

Tgt Ion:

Ion Ratio

51 100

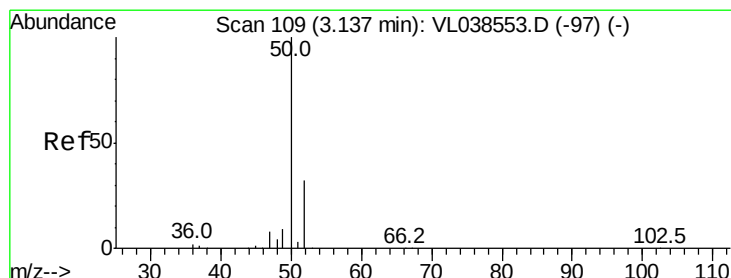
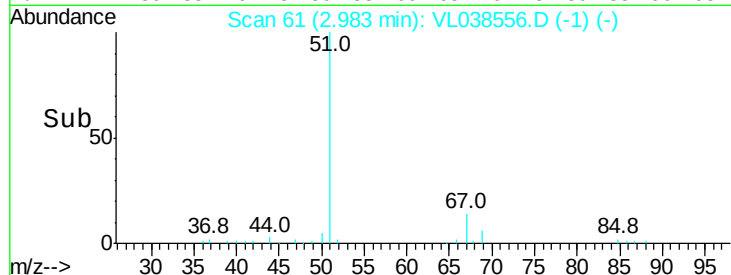
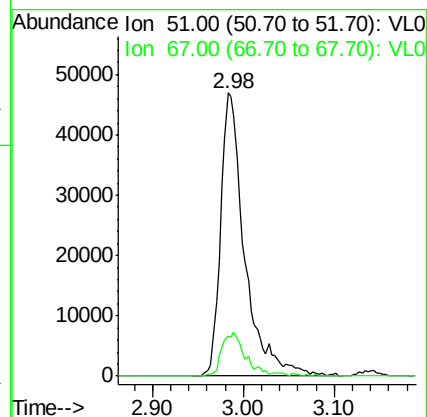
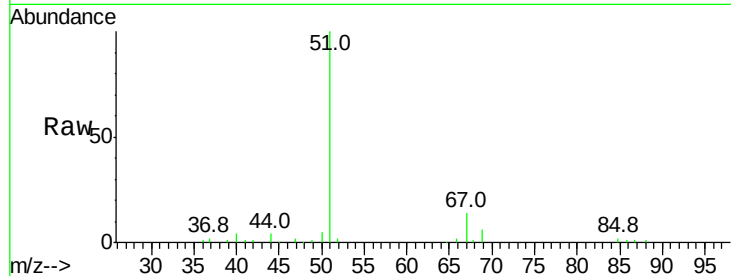
67 16.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#4

Chloromethane

Concen: 0.59 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL038556.D

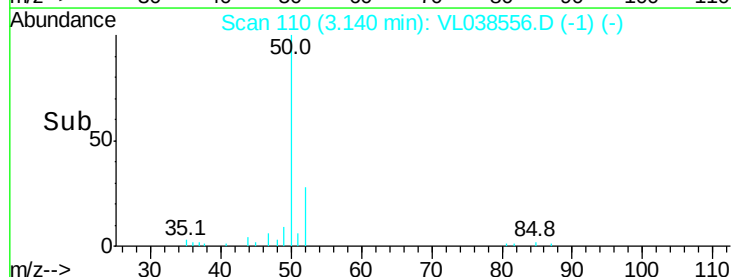
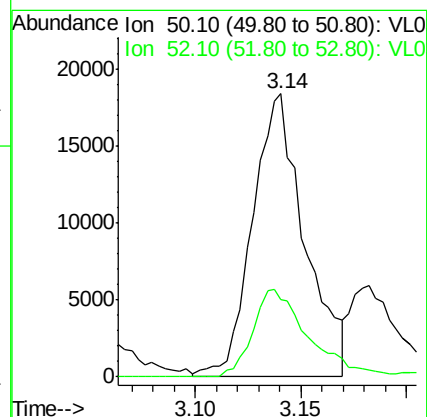
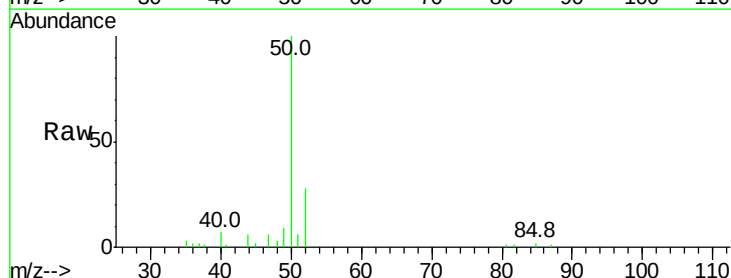
Acq: 8 Mar 2022 13:03

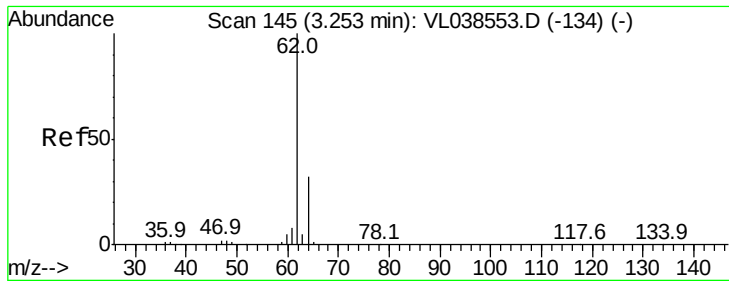
Tgt Ion: 50 Resp: 31746

Ion Ratio Lower Upper

50 100

52 27.8 25.6 38.4





#5

Vinyl Chloride

Concen: 0.49 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:03 VSTDIC0.5

Tgt Ion:

Ion Ratio

62 100

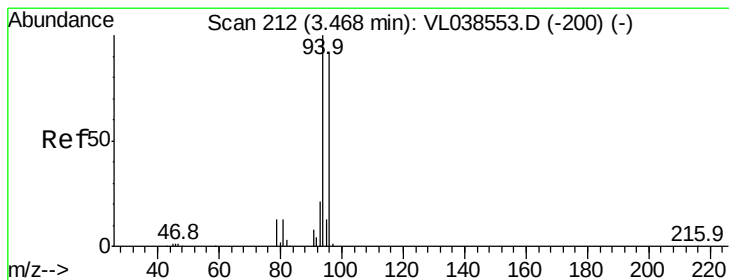
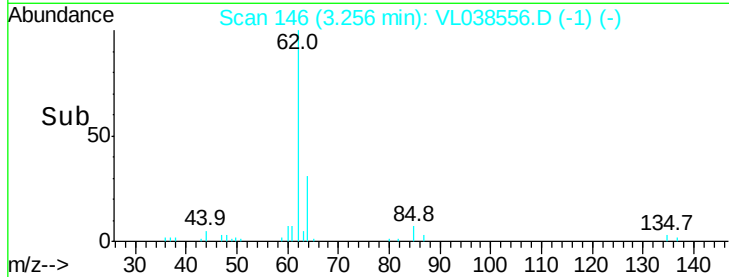
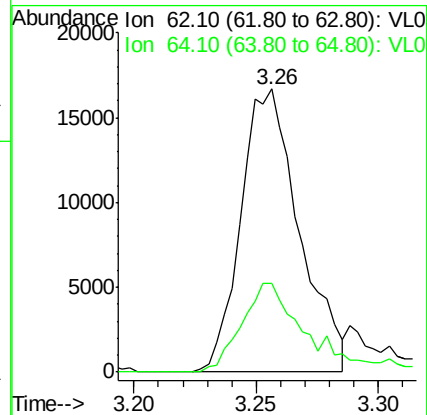
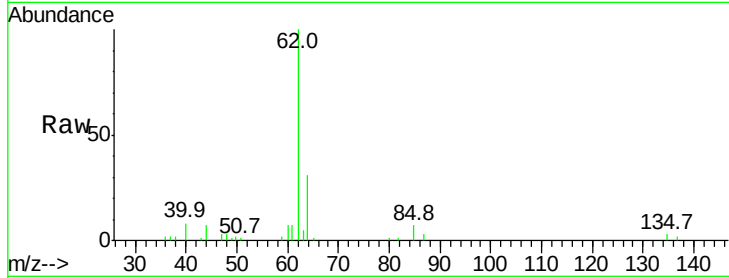
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#6

Bromomethane

Concen: 0.56 ppbv m

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL038556.D

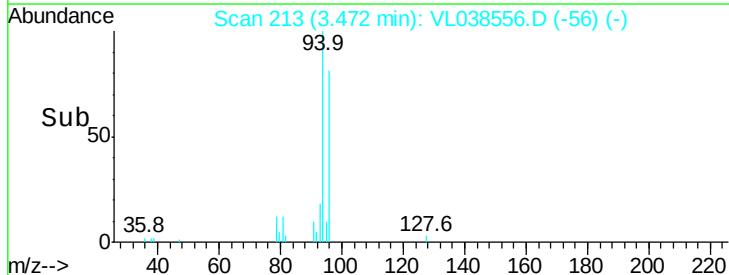
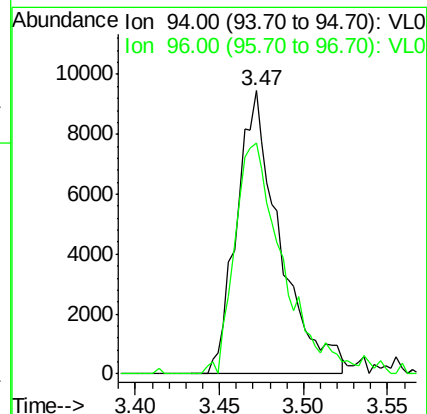
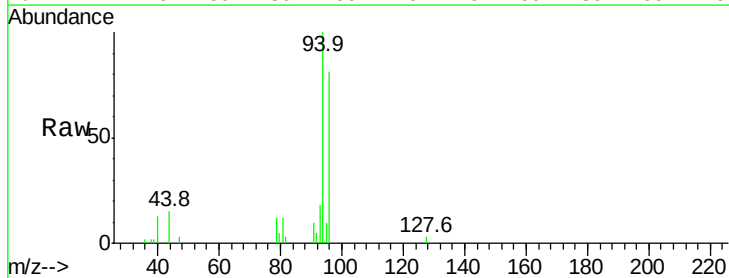
Acq: 8 Mar 2022 13:03

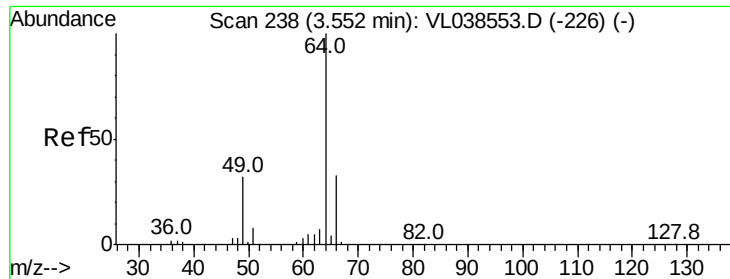
Tgt Ion: 94 Resp: 16819

Ion Ratio Lower Upper

94 100

96 81.4 73.7 110.5





#7

Chloroethane

Concen: 0.55 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:03 VSTDIC0.5

Tgt Ion:

Ion Ratio

64 100

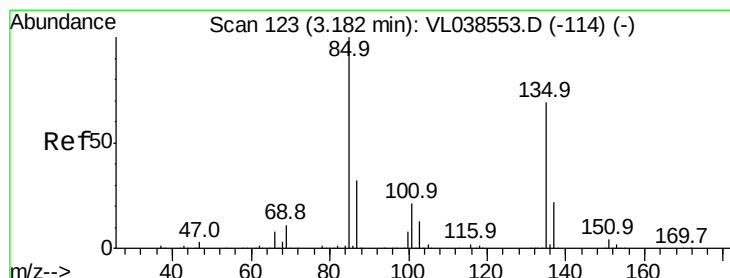
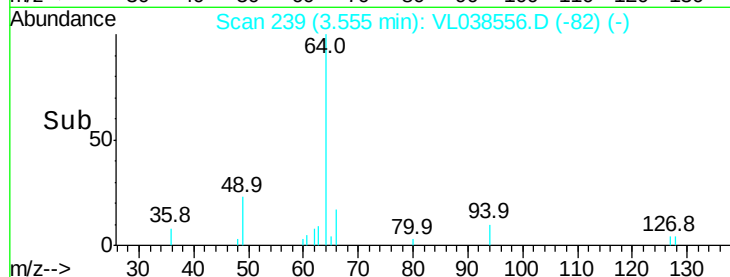
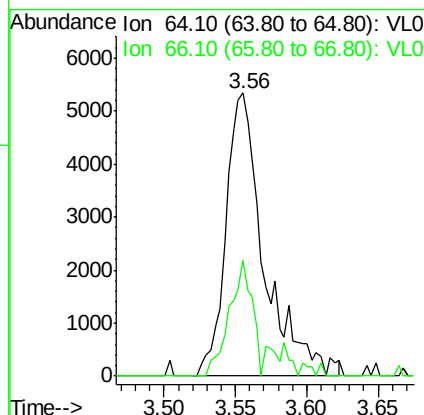
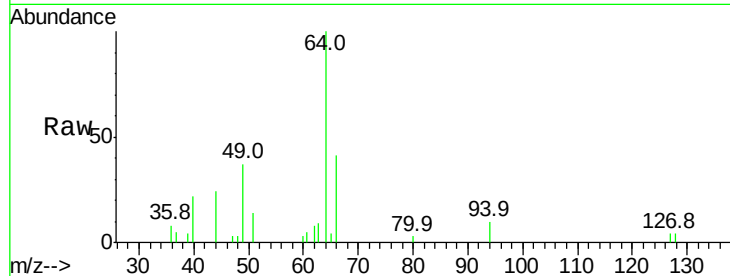
66 40.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#8

Dichlorotetrafluoroethane

Concen: 0.56 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.00 min

Lab File: VL038556.D

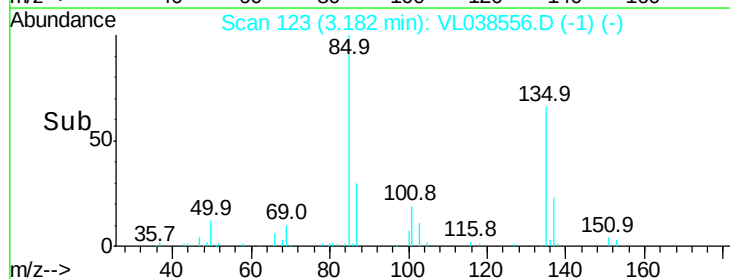
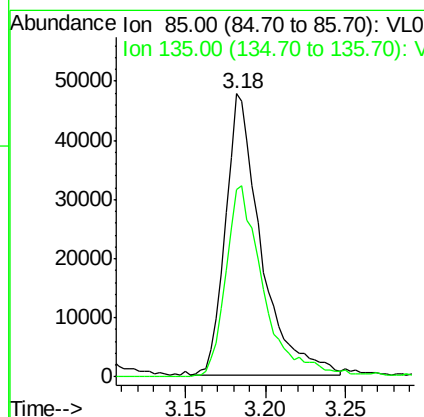
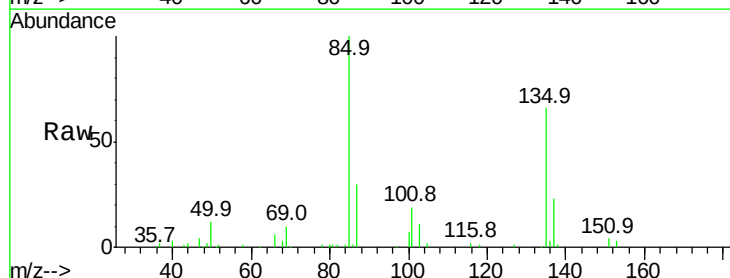
Acq: 8 Mar 2022 13:03

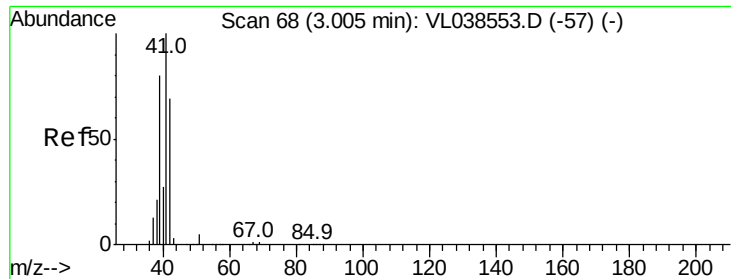
Tgt Ion: 85 Resp: 72283

Ion Ratio Lower Upper

85 100

135 73.6 59.0 88.4



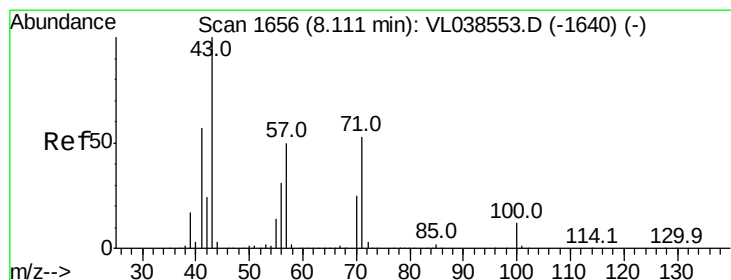
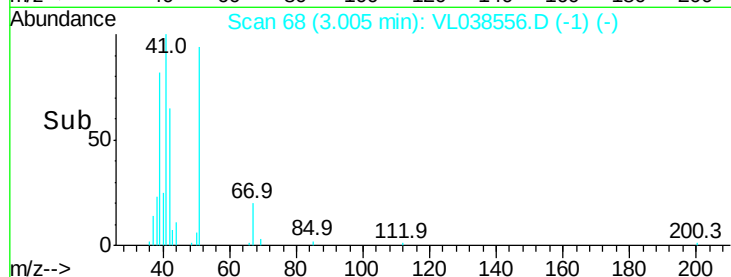
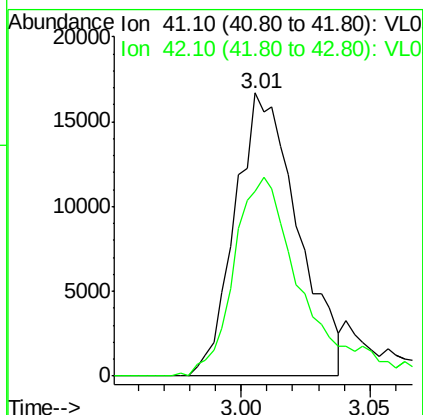
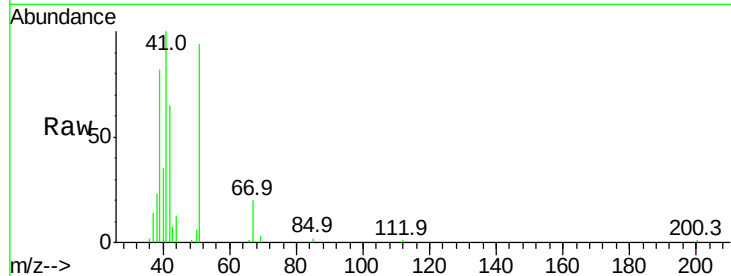


#9
 Propene
 Concen: 0.55 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 13:03

Tgt Ion:
 Ion Ratio
 41 100
 42 77.

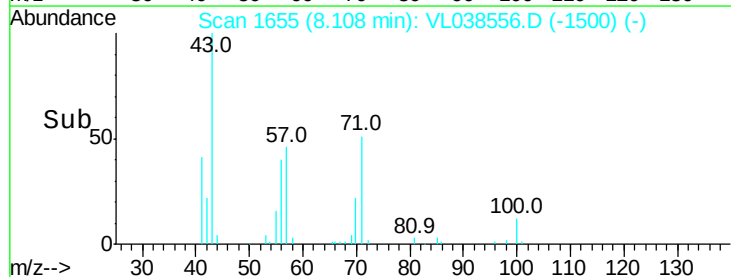
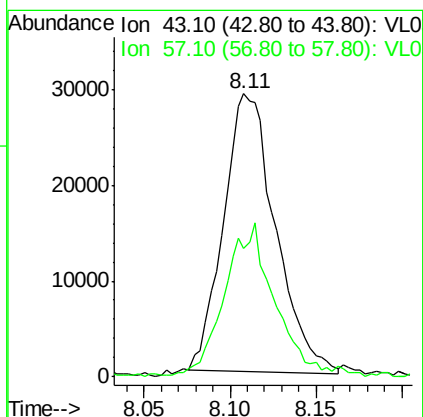
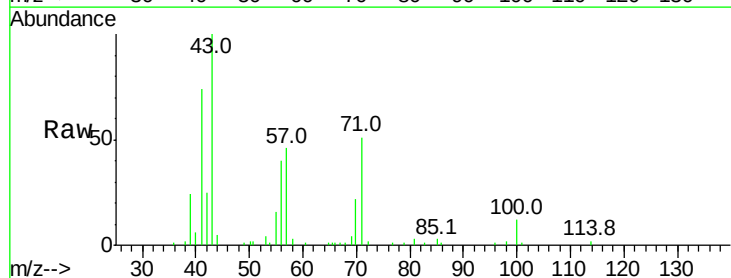
Manual Integrations
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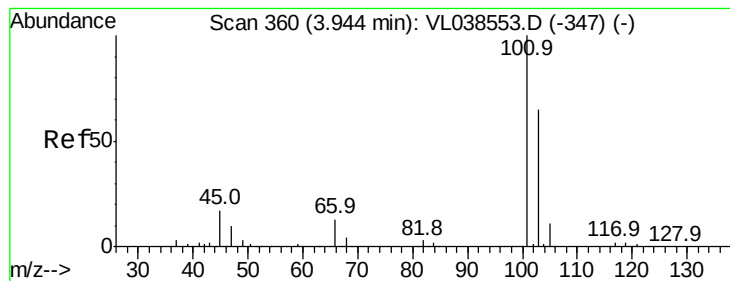
Reviewed By :Semsettin Yesilyurt 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#10
 Heptane
 Concen: 0.49 ppbv
 RT: 8.11 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VL038556.D
 Acq: 8 Mar 2022 13:03

Tgt Ion: 43 Resp: 60991
 Ion Ratio Lower Upper
 43 100
 57 55.7 39.6 59.4





#11

Trichlorofluoromethane

Concen: 0.48 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:03 VSTDIC0.5

Tgt Ion:1

Ion Rati

101 100

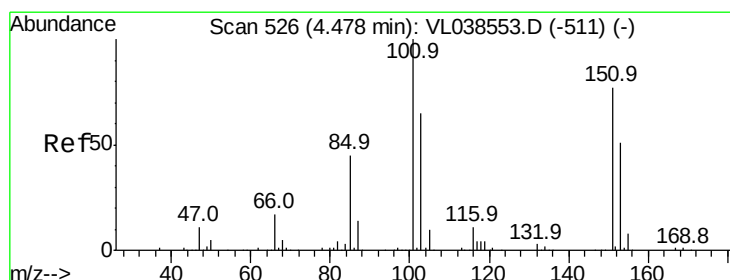
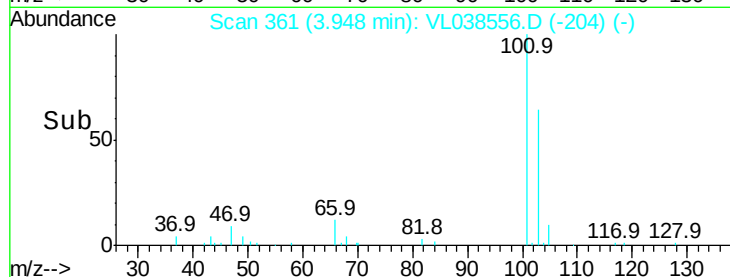
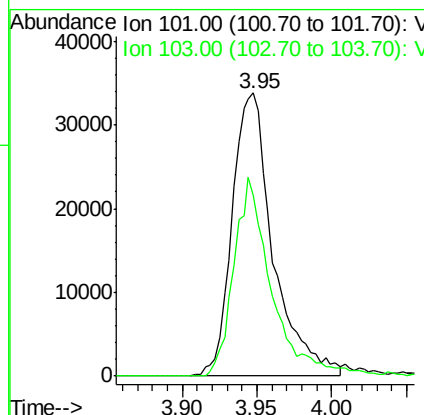
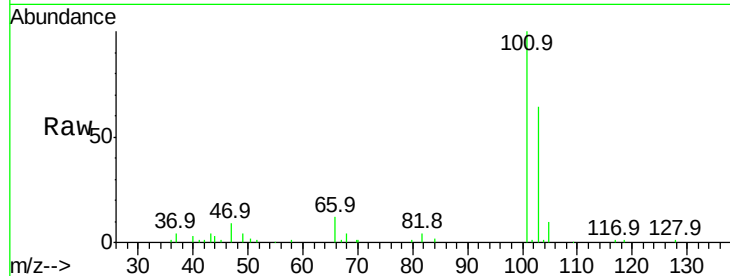
103 63.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.49 ppbv m

RT: 4.47 min Scan# 525

Delta R.T. -0.00 min

Lab File: VL038556.D

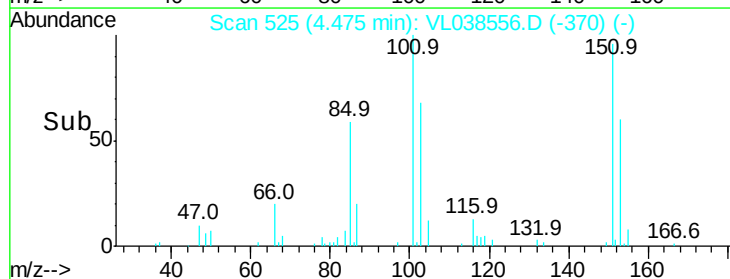
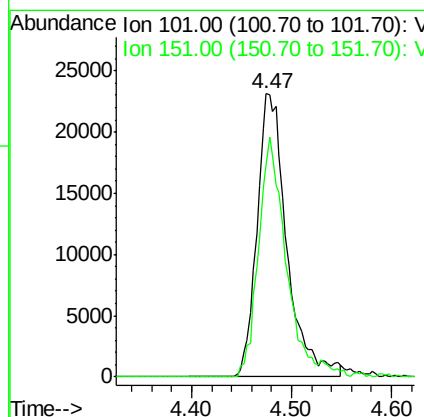
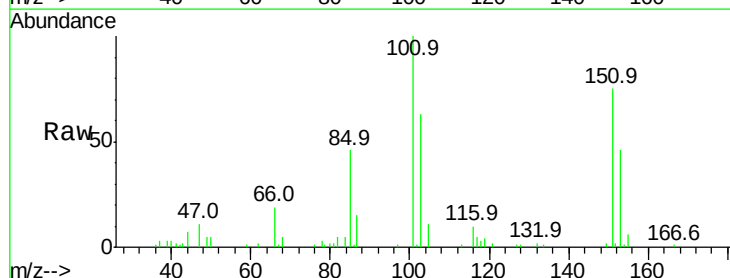
Acq: 8 Mar 2022 13:03

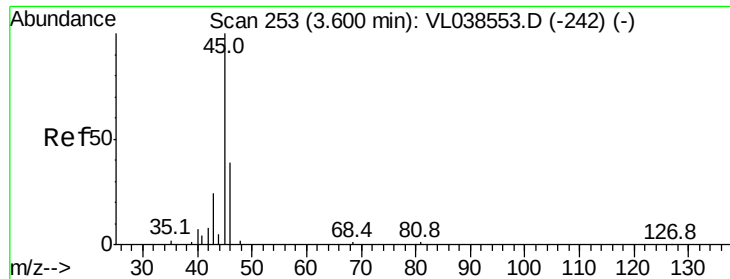
Tgt Ion:101 Resp: 47889

Ion Ratio Lower Upper

101 100

151 79.7 63.4 95.0





#13

Ethanol

Concen: 0.79 ppbv m

RT: 3.61 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:03 VSTDIC0.5

Tgt Ion:

Ion Ratio

45 100

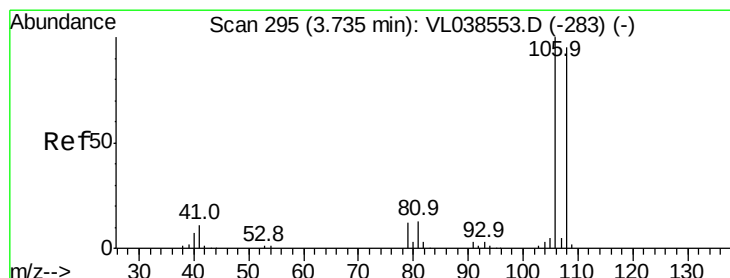
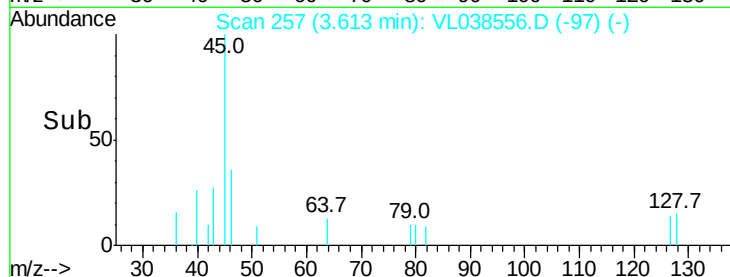
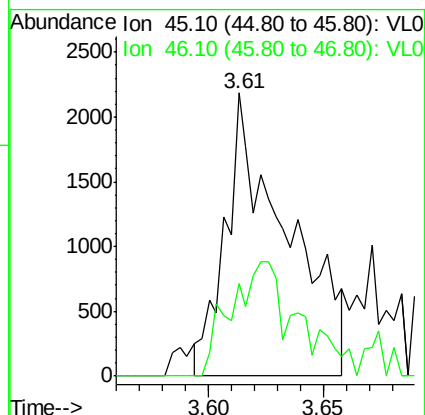
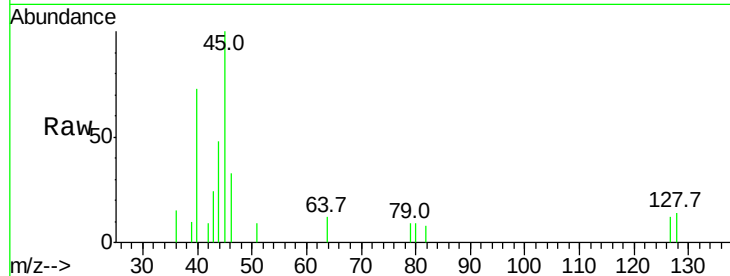
46 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#14

Bromoethene

Concen: 0.47 ppbv

RT: 3.73 min Scan# 294

Delta R.T. -0.00 min

Lab File: VL038556.D

Acq: 8 Mar 2022 13:03

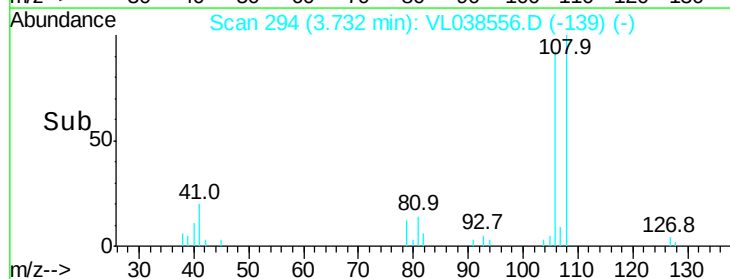
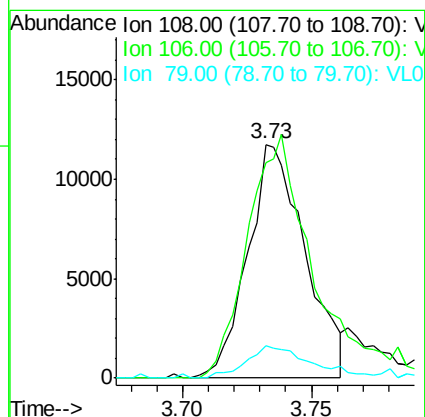
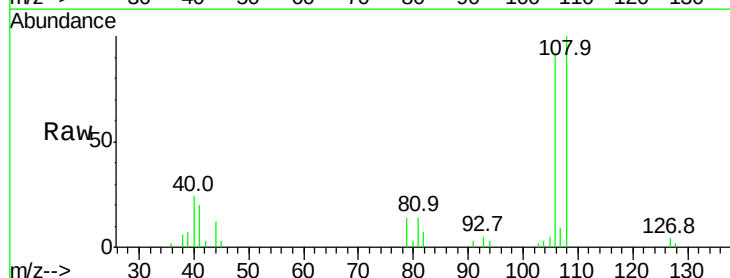
Tgt Ion:108 Resp: 18304

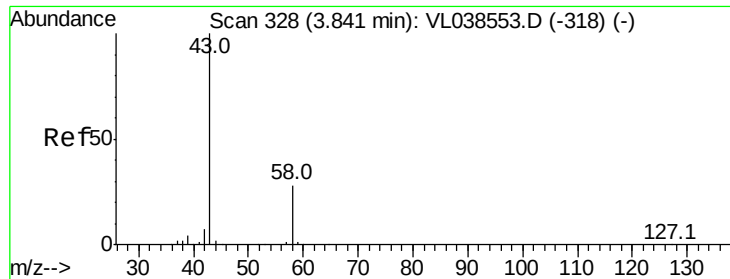
Ion Ratio Lower Upper

108 100

106 126.0 85.9 128.9

79 16.5 11.0 16.6





#15

Acetone

Concen: 0.46 ppbv m

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 13:03 VSTDIC0.5

Tgt Ion:

Ion Ratio

43 100

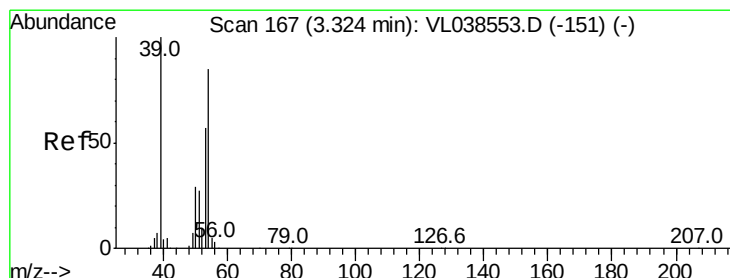
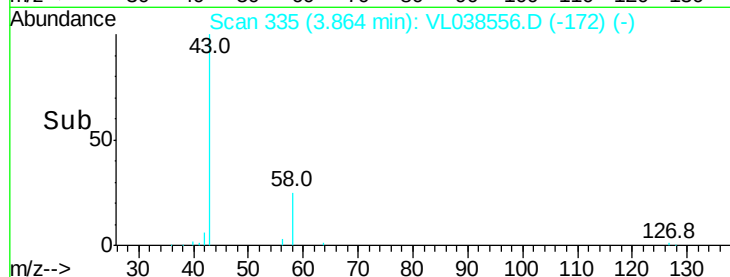
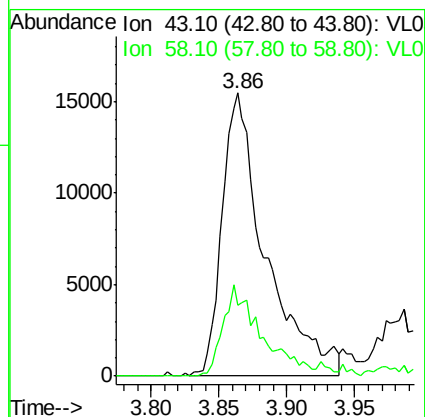
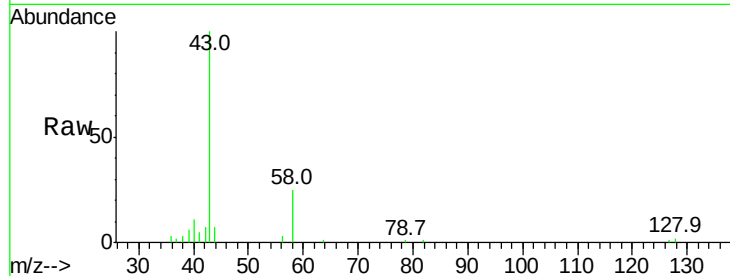
58 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#16

1,3-Butadiene

Concen: 0.50 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.00 min

Lab File: VL038556.D

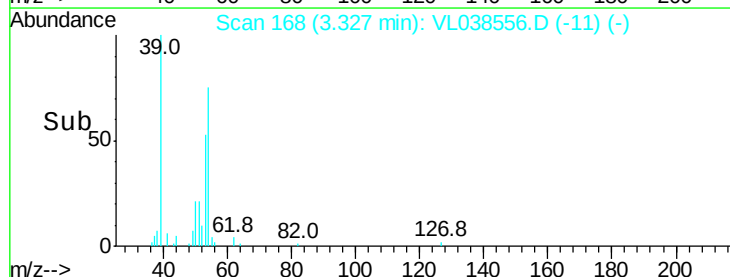
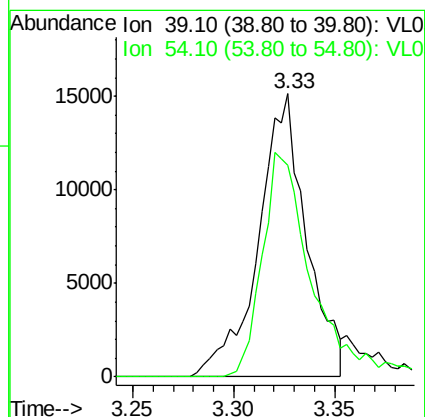
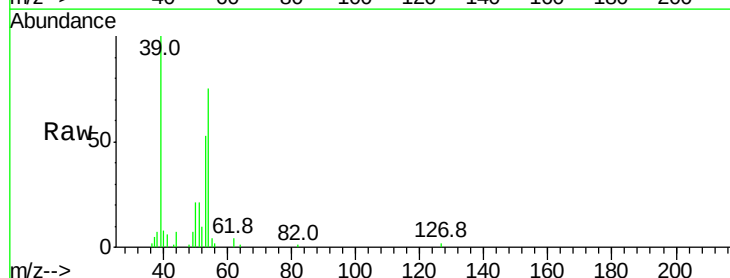
Acq: 8 Mar 2022 13:03

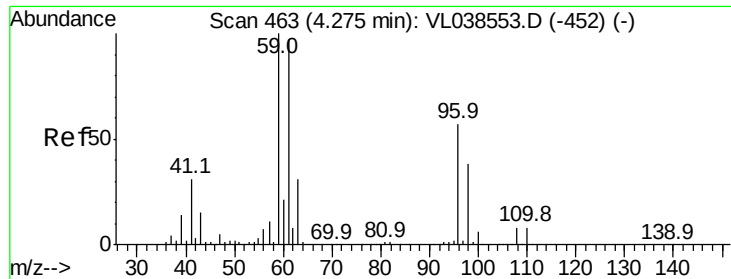
Tgt Ion: 39 Resp: 25108

Ion Ratio Lower Upper

39 100

54 83.1 64.2 96.2



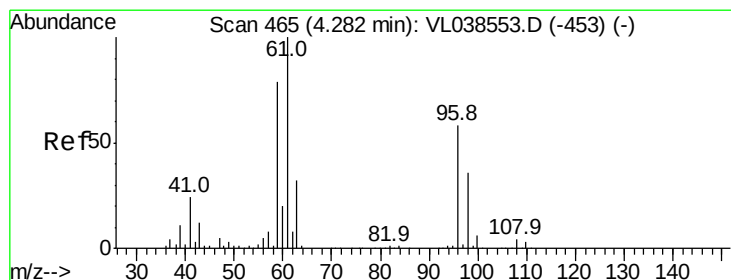
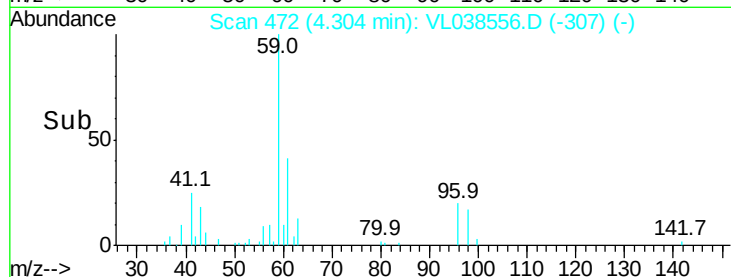
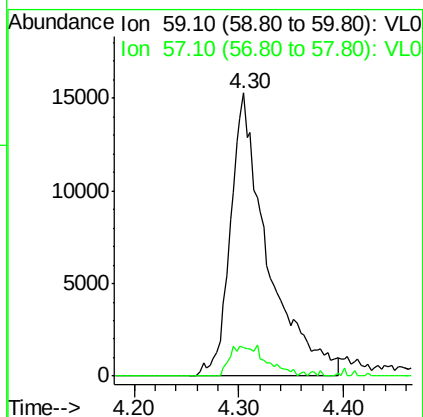
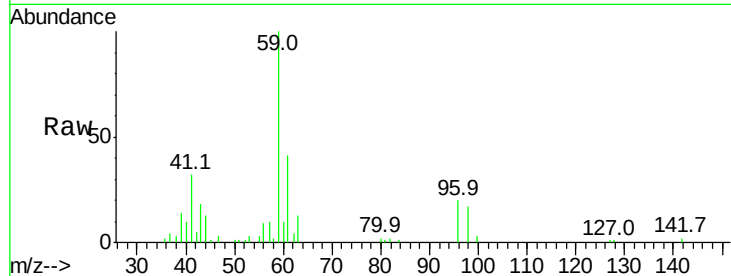


#17
 tert-Butyl alcohol
 Concen: 0.50 ppbv m
 RT: 4.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 8 Mar 2022 13:03

Tgt Ion:
 Ion Ratio
 59 100
 57 11.

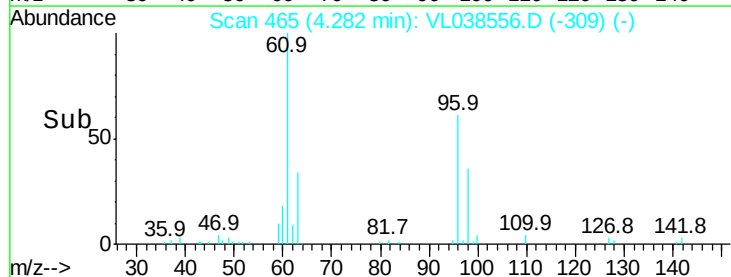
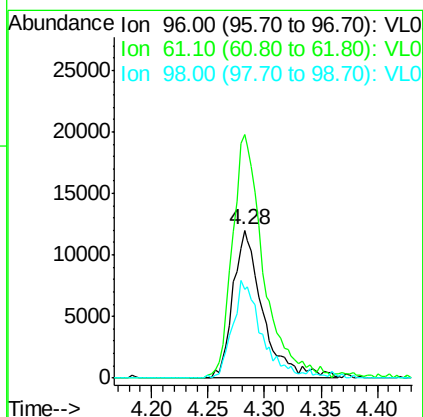
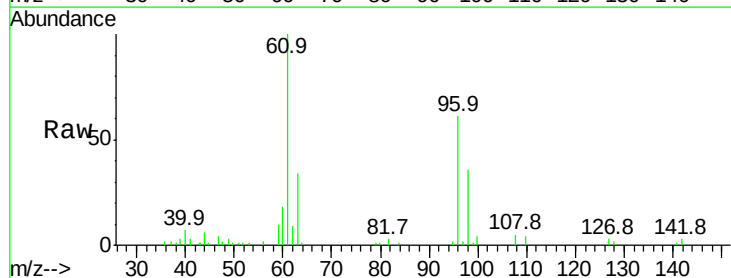
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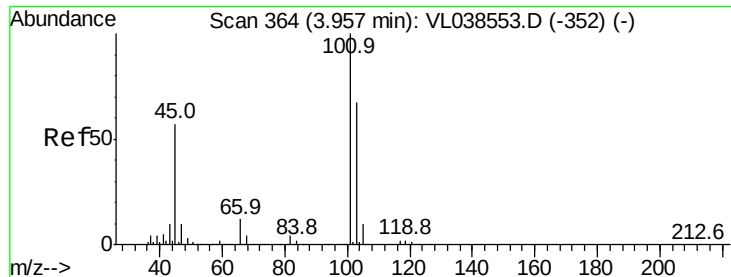
Reviewed By :Semsettin Yesilyurt 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#18
 1,1-Dichloroethene
 Concen: 0.51 ppbv m
 RT: 4.28 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: VL038556.D
 Acq: 8 Mar 2022 13:03

Tgt Ion: 96 Resp: 22147
 Ion Ratio Lower Upper
 96 100
 61 164.9 137.4 206.0
 98 59.8 49.3 73.9





#19

Isopropyl Alcohol

Concen: 0.56 ppbv m

RT: 3.98 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId :

Acq: 8 Mar 2022 13:03

Tgt Ion:

Ion Ratio

45 100

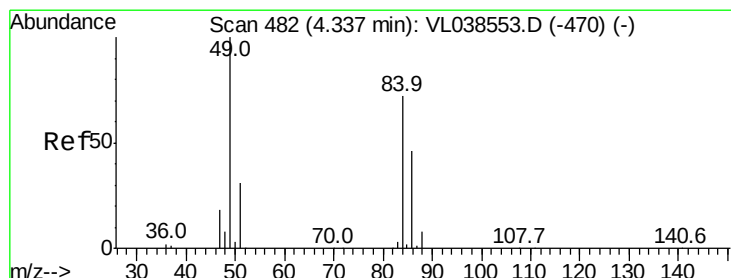
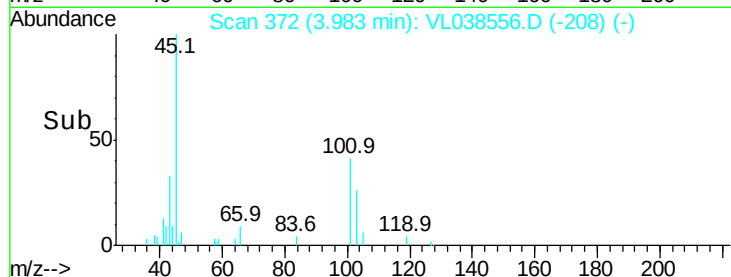
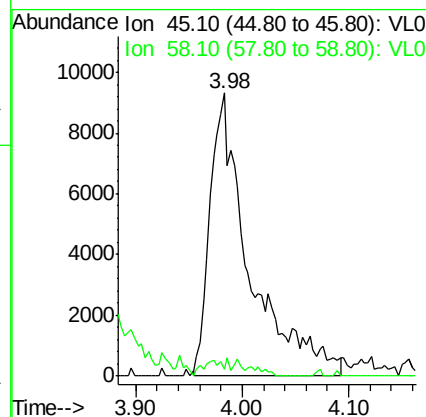
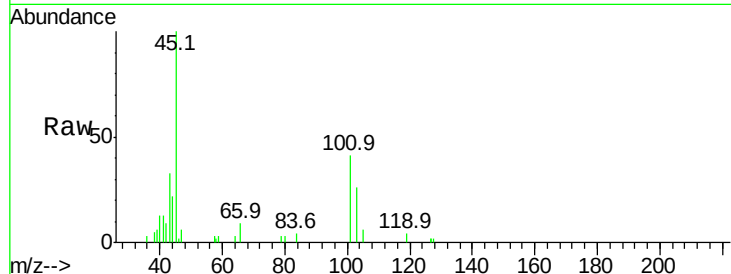
58 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#20

Methylene Chloride

Concen: 0.60 ppbv m

RT: 4.34 min Scan# 482

Delta R.T. 0.00 min

Lab File: VL038556.D

Acq: 8 Mar 2022 13:03

Tgt Ion: 84 Resp: 22381

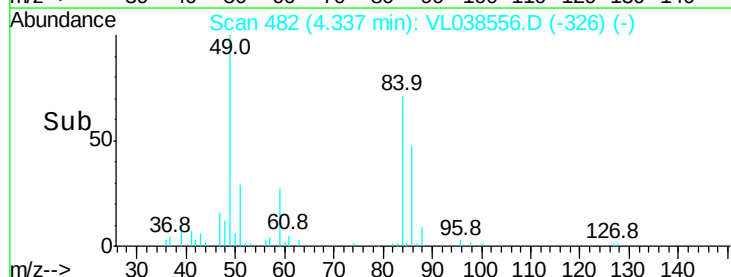
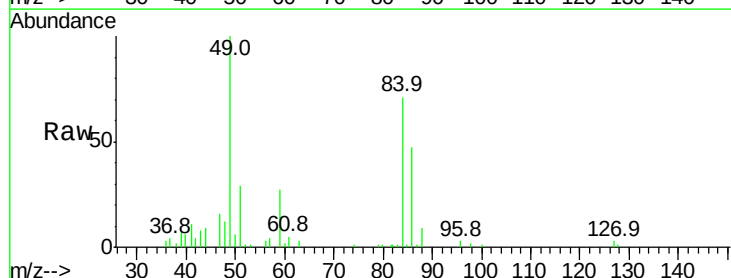
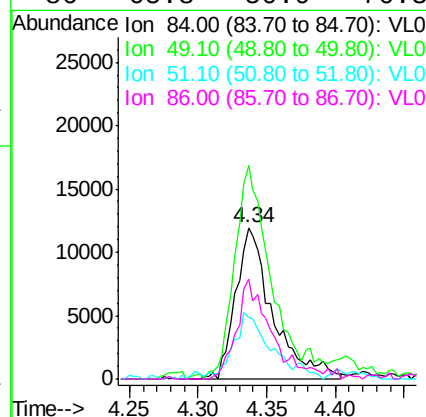
Ion Ratio Lower Upper

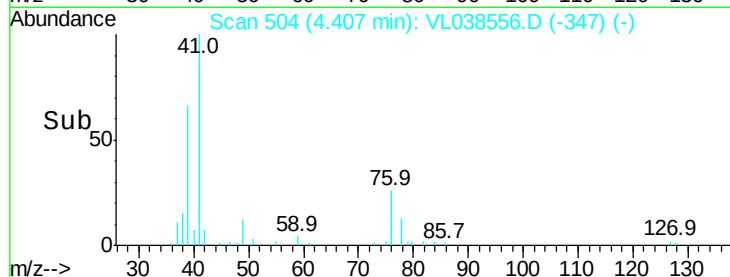
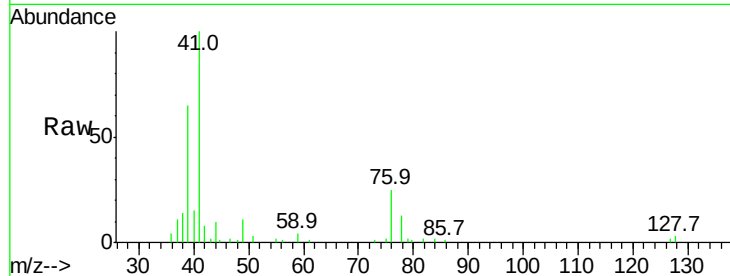
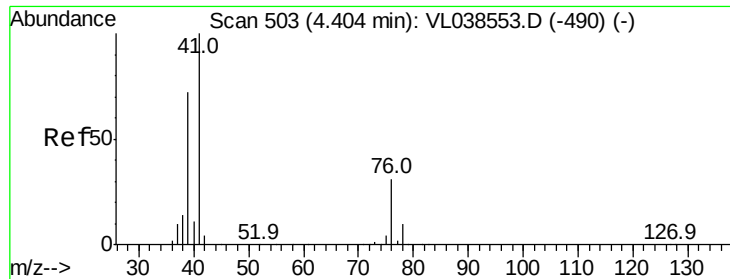
84 100

49 141.2 111.1 166.7

51 40.8 34.0 51.0

86 65.8 50.9 76.3



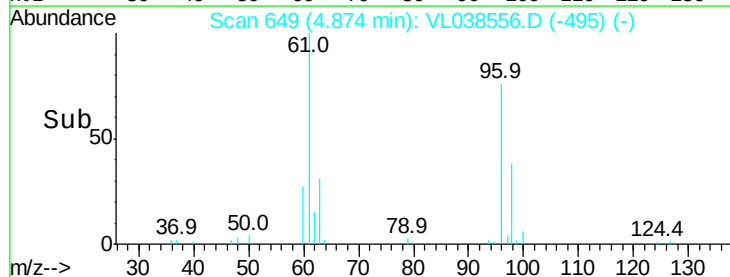
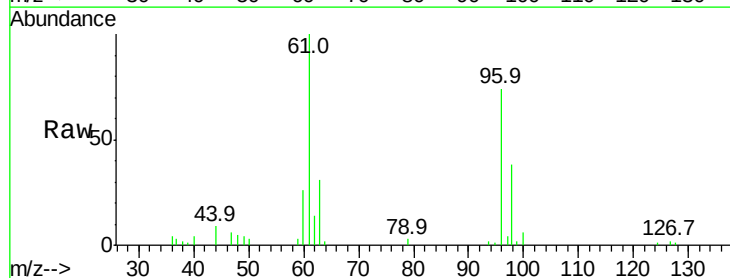
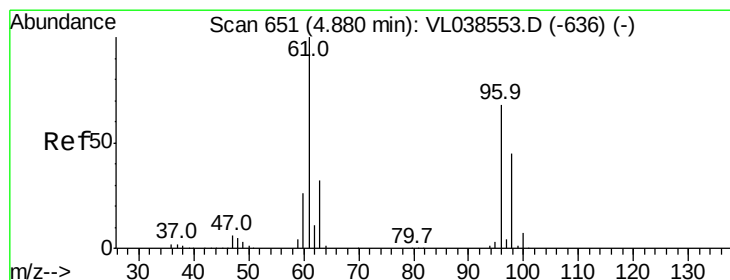
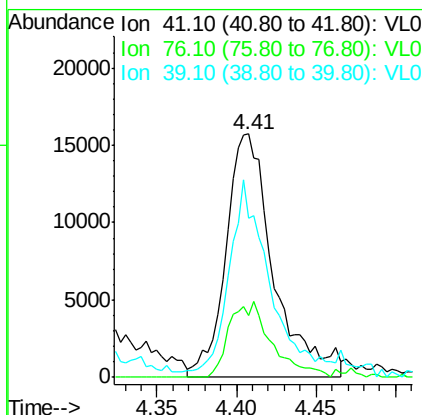


#21
 Allyl Chloride
 Concen: 0.52 ppbv m
 RT: 4.41
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 8 Mar 2022 13:03

Tgt Ion:
 Ion Ratio
 41 100
 76 29.
 39 75.

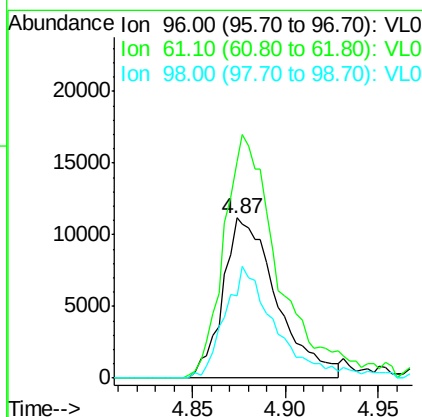
Manual Integrations
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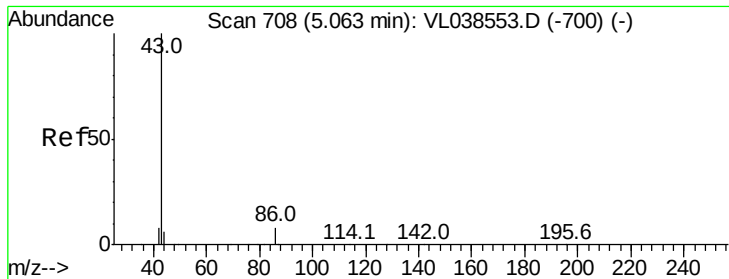
Reviewed By :Semsettin Yesilyurt 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.52 ppbv
 RT: 4.87 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: VL038556.D
 Acq: 8 Mar 2022 13:03

Tgt Ion: 96 Resp: 22487
 Ion Ratio Lower Upper
 96 100
 61 133.7 117.6 176.4
 98 51.7 52.6 78.8#



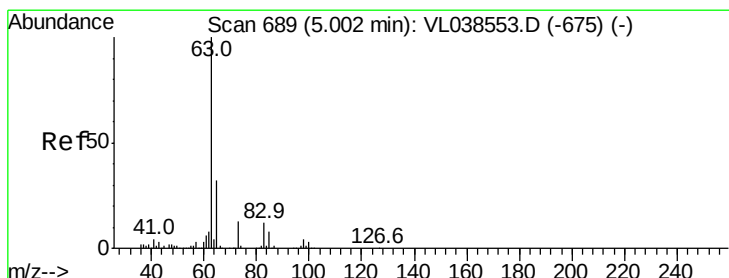
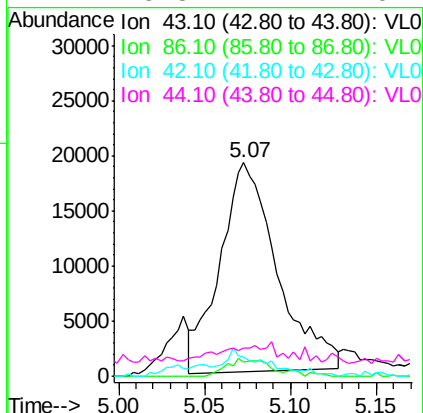
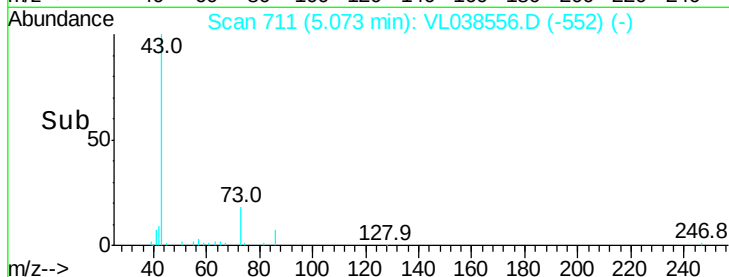
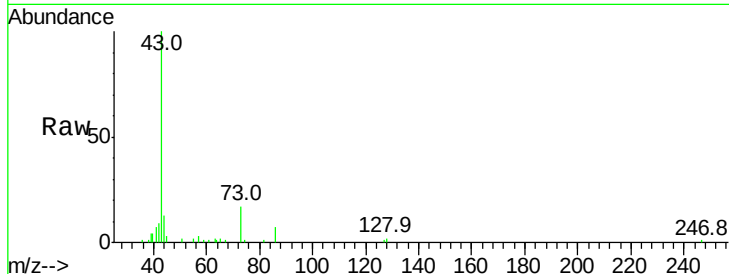


#23
 Vinyl Acetate
 Concen: 0.45 ppbv
 RT: 5.07
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 13:03

Tgt Ion: 43
 Ion Ratio: 100
 86 7.
 42 10.
 44 5.8 4.1 6.1

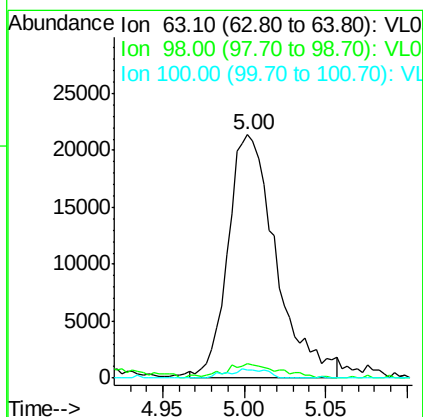
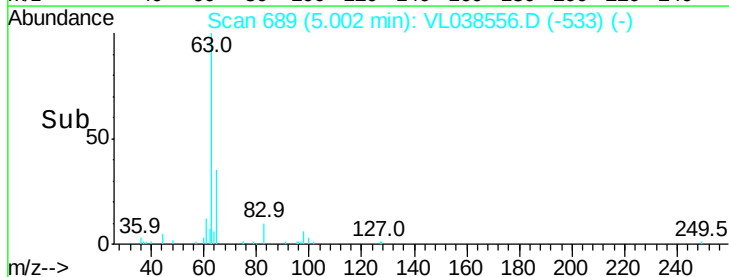
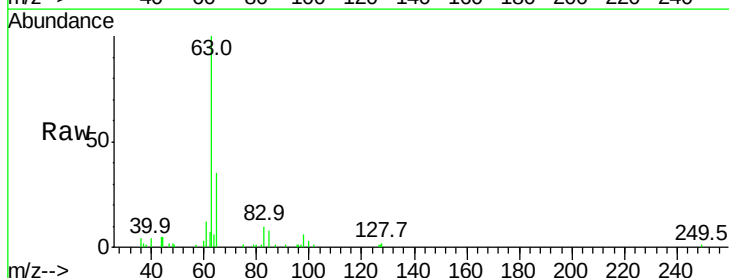
Manual Integrations
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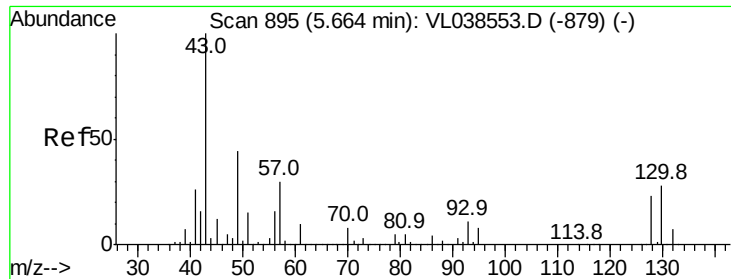
Reviewed By :Semsettin Yesilyurt 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#24
 1,1-Dichloroethane
 Concen: 0.49 ppbv m
 RT: 5.00 min Scan# 689
 Delta R.T.: 0.00 min
 Lab File: VL038556.D
 Acq: 8 Mar 2022 13:03

Tgt Ion: 63 Resp: 43713
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.2 6.6
 100 3.3 1.5 4.5



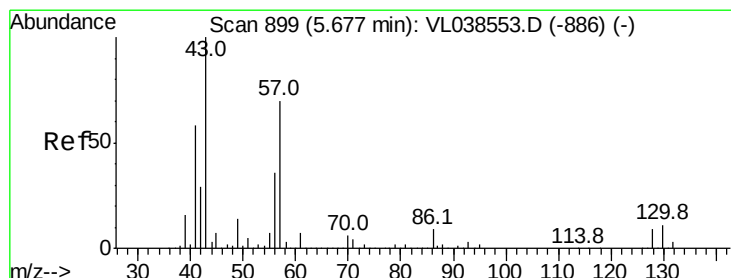
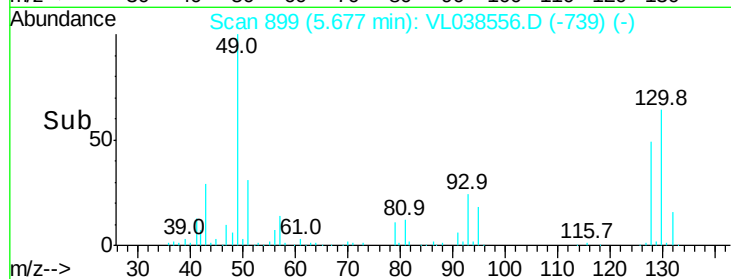
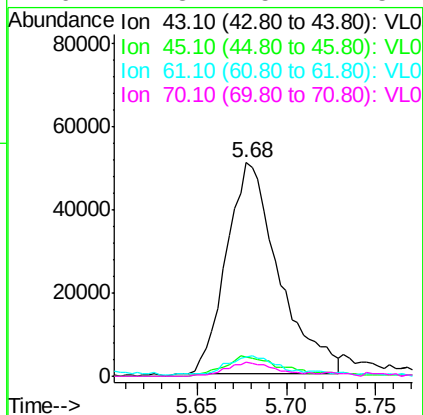
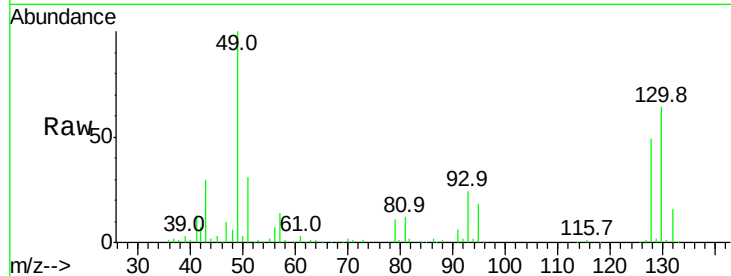


#25
Ethyl Acetate
Concen: 0.51 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 13:03

Tgt Ion: 43
Ion Ratio: 100
45 11.
61 12.
70 7.3 5.4 8.2

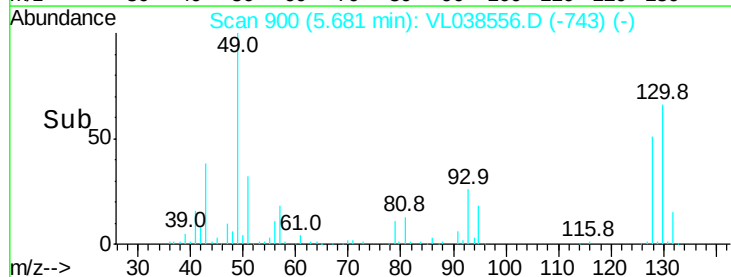
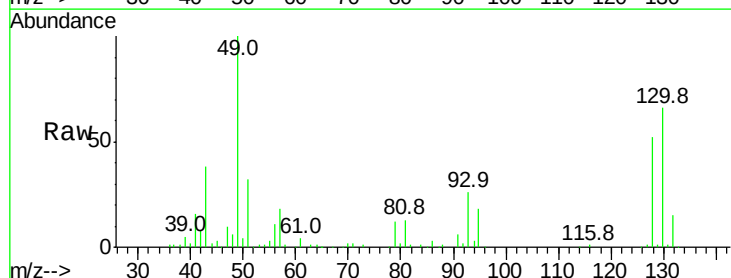
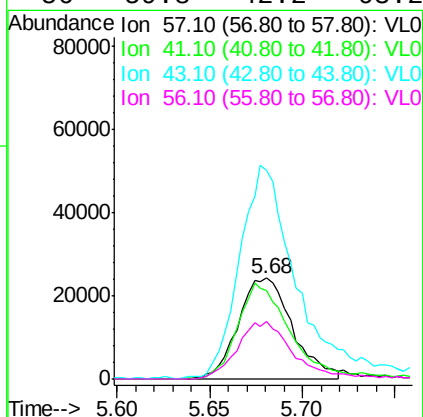
Manual Integrations
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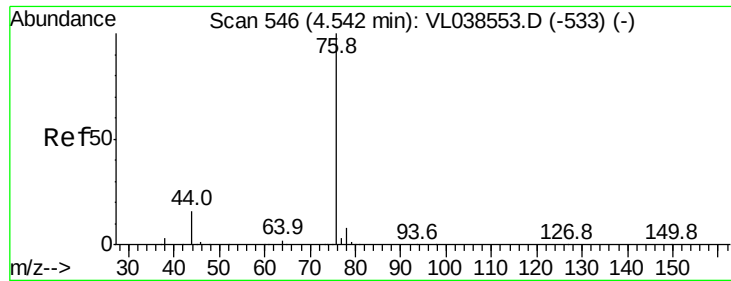
Reviewed By :Semsettin Yesilyurt 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#26
Hexane
Concen: 0.54 ppbv
RT: 5.68 min Scan# 900
Delta R.T.: 0.00 min
Lab File: VL038556.D
Acq: 8 Mar 2022 13:03

Tgt Ion: 57 Resp: 48889
Ion Ratio Lower Upper
57 100
41 96.3 67.8 101.6
43 236.7 173.6 260.4
56 59.8 42.2 63.2



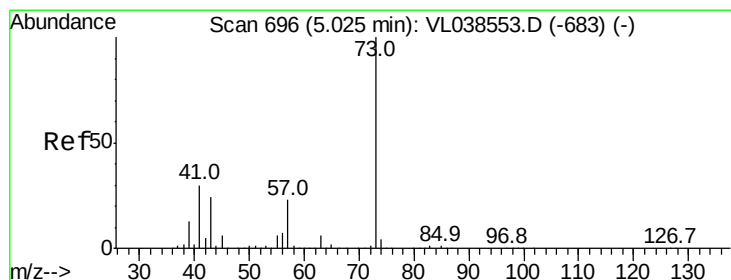
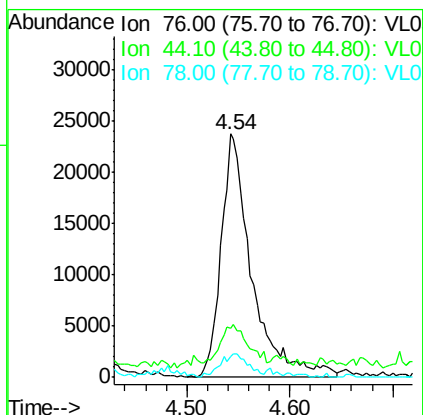
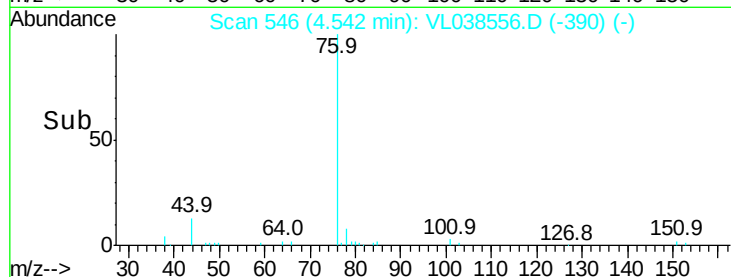
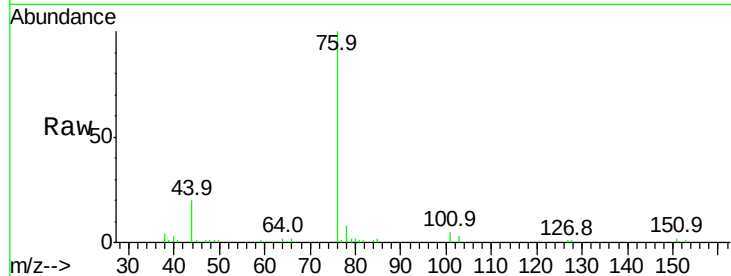


#27
Carbon Disulfide
Concen: 0.48 ppbv m
RT: 4.54 Instrument: MSVOA_1
Delta R.T.: ClientSampleId:
Lab File: VSTDIC0.5
Acq: 8 Mar 2022 13:03

Tgt Ion:
Ion Ratio
76 100
44 21.
78 10.

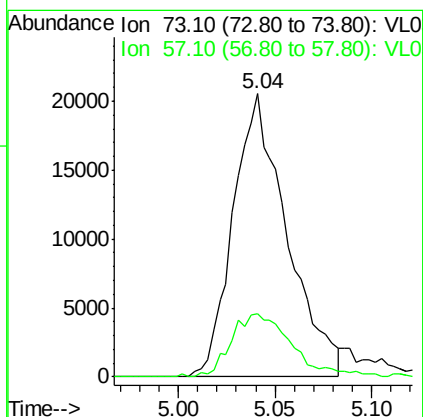
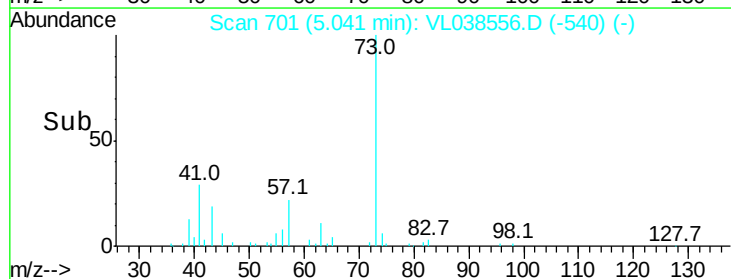
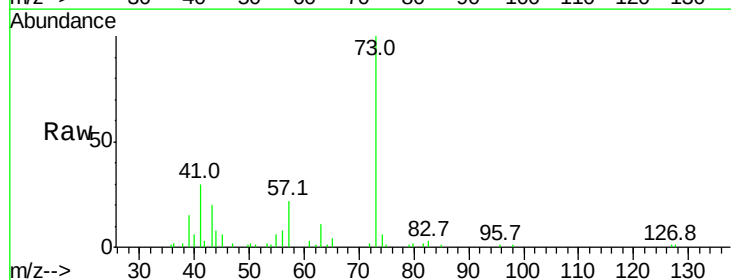
Manual Integrations
APPROVED

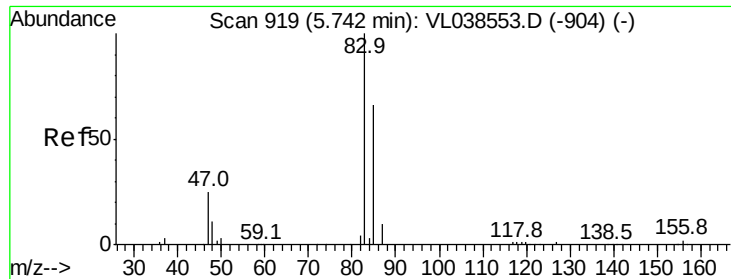
Reviewed By :Semsettin Yesilyurt 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#28
Methyl tert-Butyl Ether
Concen: 0.43 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.02 min
Lab File: VL038556.D
Acq: 8 Mar 2022 13:03

Tgt Ion: 73 Resp: 39660
Ion Ratio Lower Upper
73 100
57 25.3 18.8 28.2



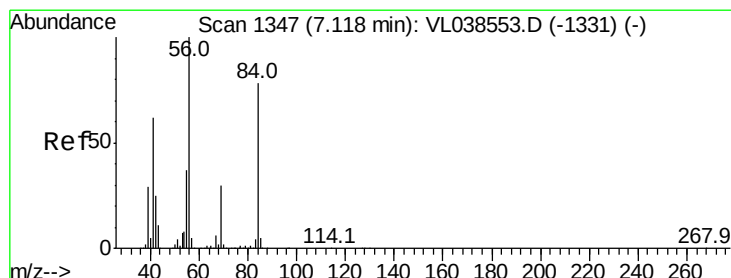
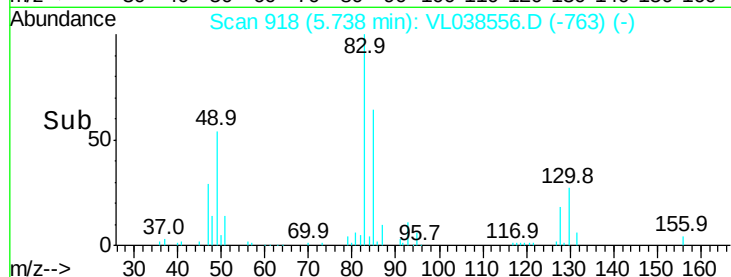
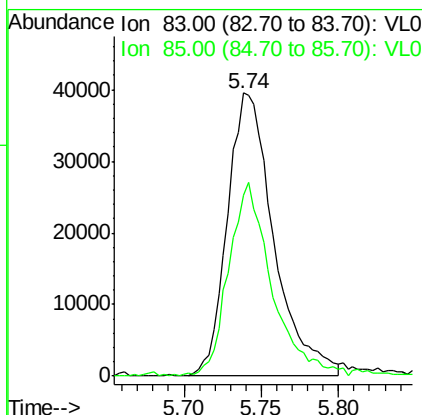
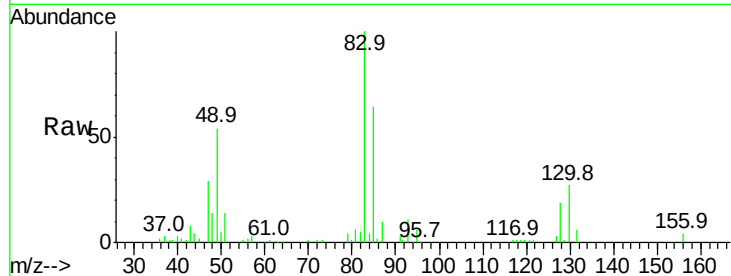


#29
Chloroform
Concen: 0.55 ppbv
RT: 5.74
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Mar 2022 13:03

Tgt Ion:
Ion Ratio
83 100
85 62.

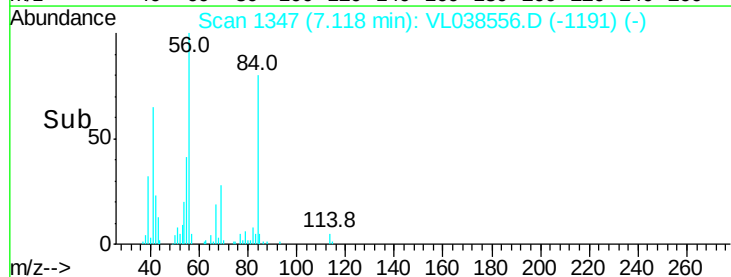
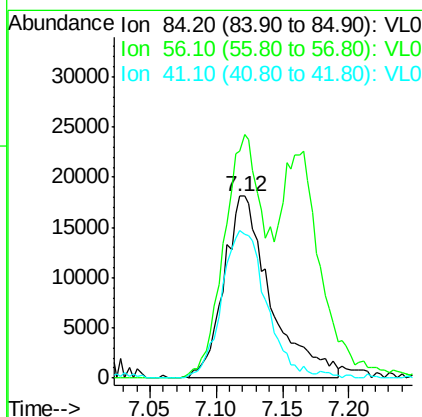
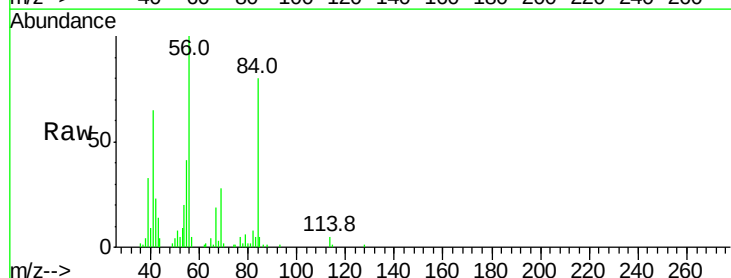
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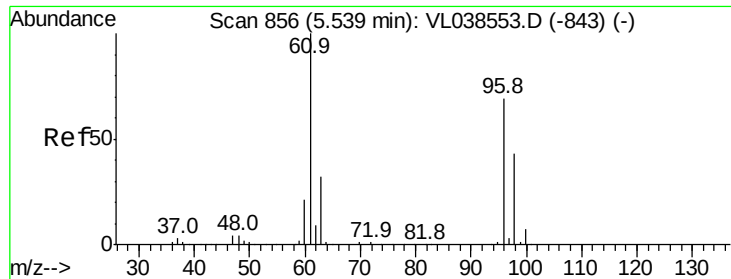
Reviewed By :Semsettin Yesilyurt 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#30
Cyclohexane
Concen: 0.59 ppbv
RT: 7.12 min Scan# 1347
Delta R.T.: 0.00 min
Lab File: VL038556.D
Acq: 8 Mar 2022 13:03

Tgt Ion: 84 Resp: 44298
Ion Ratio Lower Upper
84 100
56 110.4 111.4 167.0#
41 78.9 65.5 98.3





#31

cis-1,2-Dichloroethene

Concen: 0.56 ppbv m

RT: 5.54 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC0.5

Acq: 8 Mar 2022 13:03

Tgt Ion:

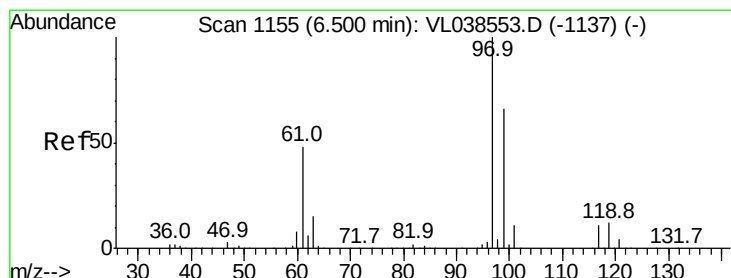
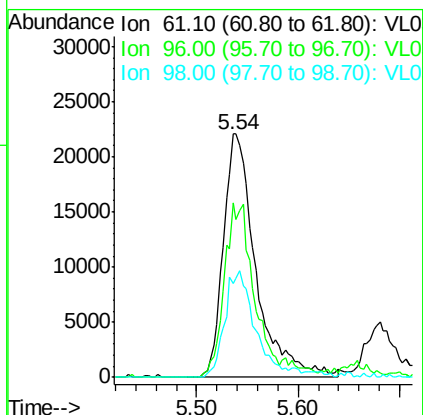
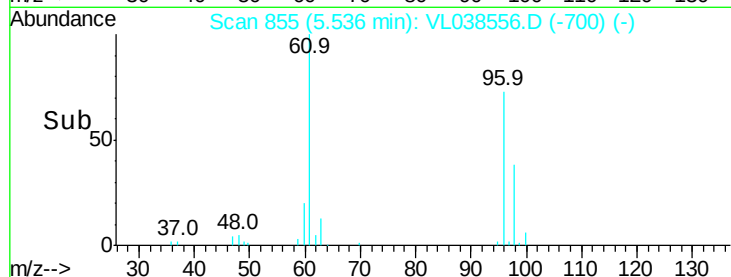
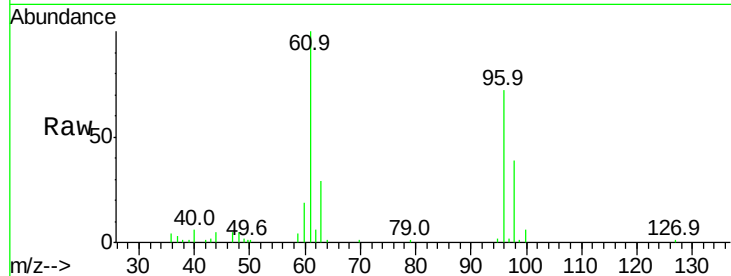
Ion	Ratio
61	100
96	71.
98	38.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#32

1,1,1-Trichloroethane

Concen: 0.51 ppbv

RT: 6.50 min Scan# 1156

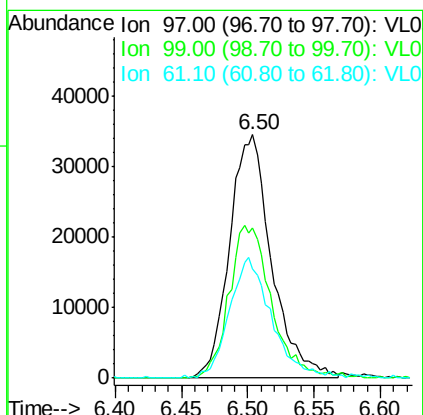
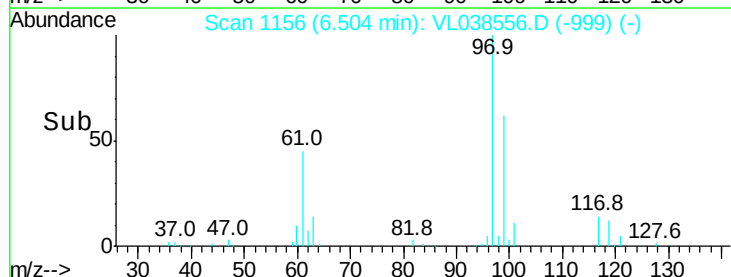
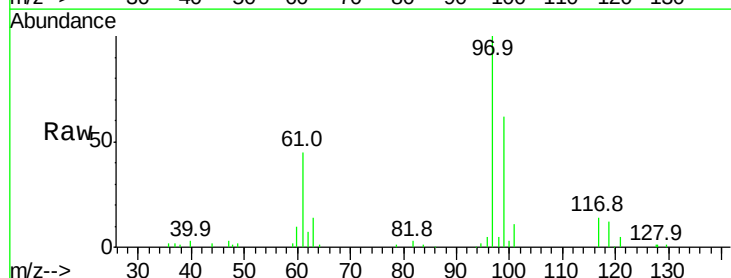
Delta R.T. 0.00 min

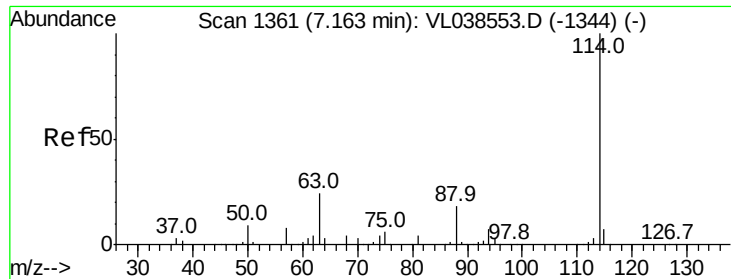
Lab File: VL038556.D

Acq: 8 Mar 2022 13:03

Tgt Ion: 97 Resp: 76180

Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.1	78.1
61	50.3	37.7	56.5



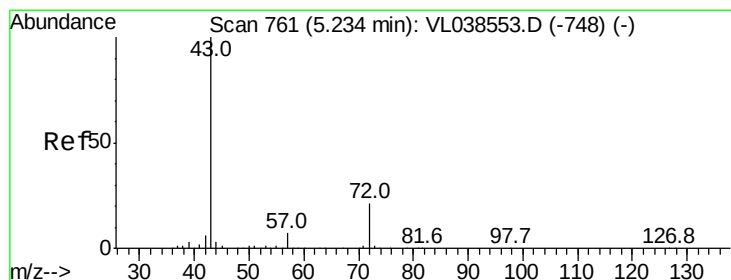
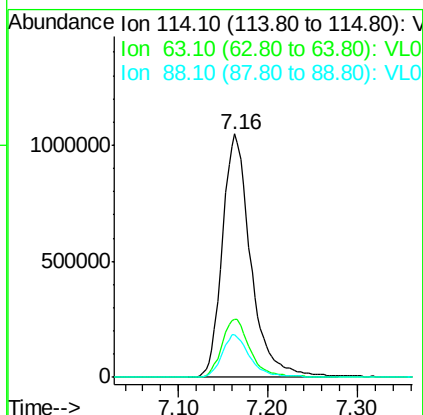
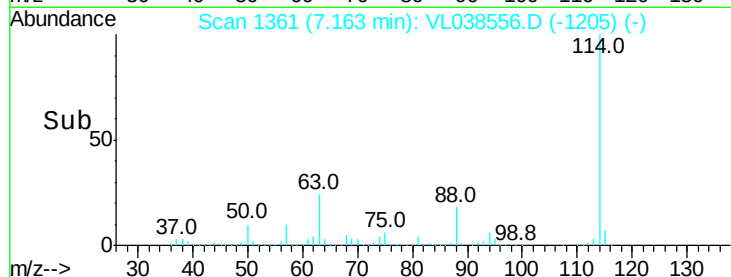
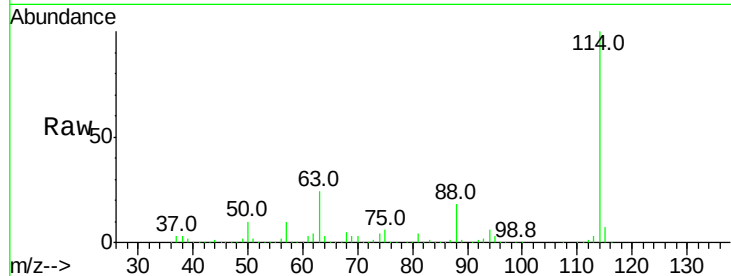


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 13:03

Tgt Ion: 114
 Ion Ratio: 100
 63 24.1
 88 17.1

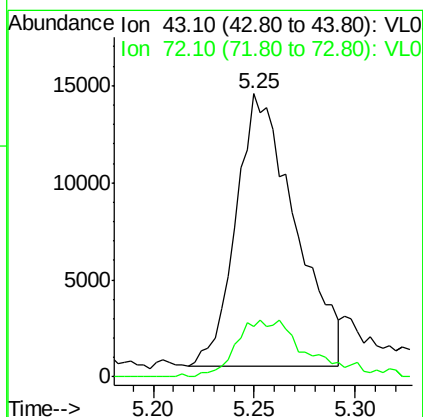
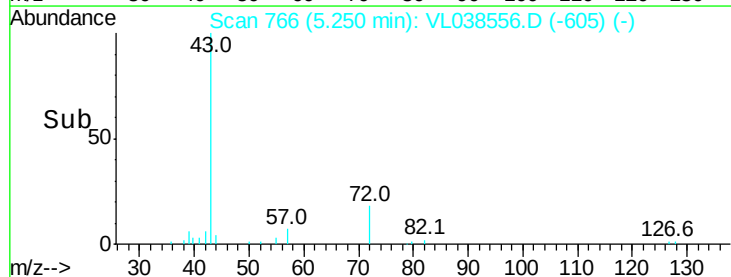
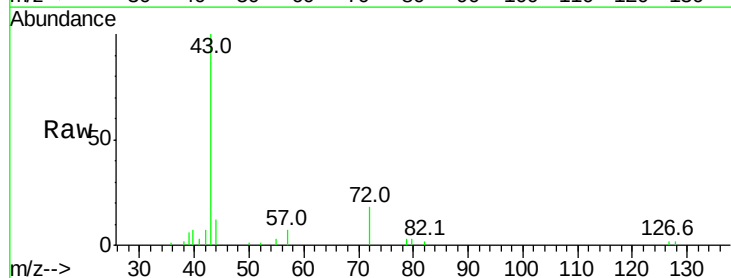
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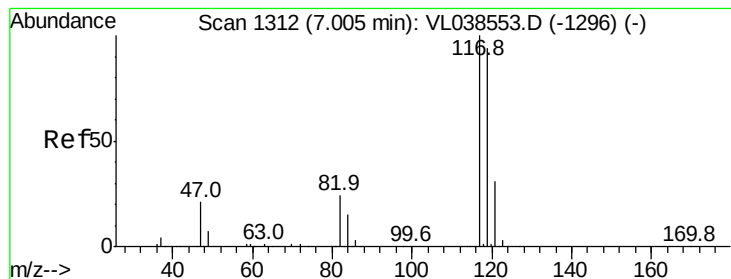
Reviewed By : Semsettin Yesilyurt 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#34
 2-Butanone
 Concen: 0.39 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.02 min
 Lab File: VL038556.D
 Acq: 8 Mar 2022 13:03

Tgt Ion: 43 Resp: 28630
 Ion Ratio Lower Upper
 43 100
 72 26.2 17.8 26.6





#35

Carbon Tetrachloride

Concen: 0.47 ppbv

RT: 7.01

Delta R.T. MSVOA_L

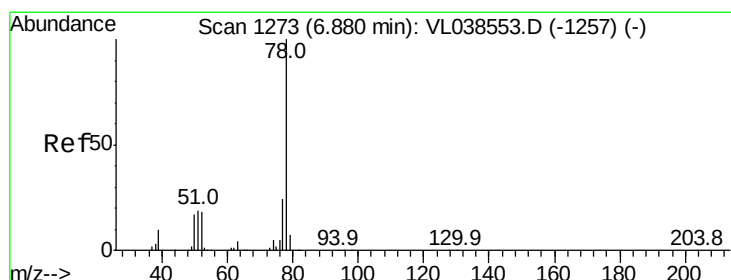
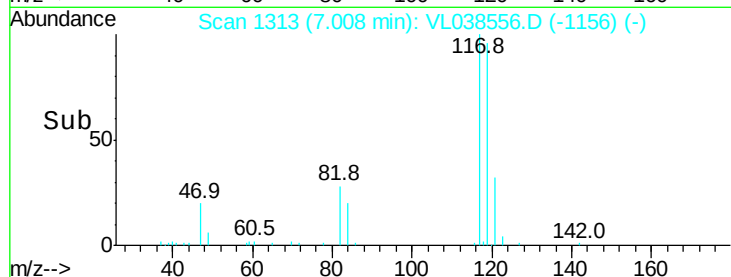
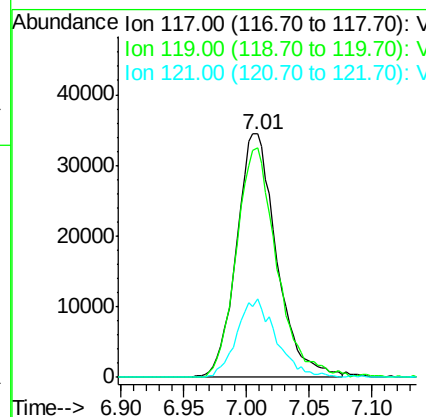
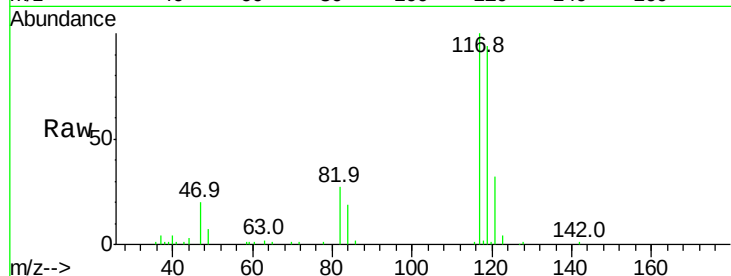
Lab File: ClientSampleId :

Acq: 8 Mar 2022 13:03

Tgt Ion: 1
Ion Ratio
117 100
119 94.
121 32.

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Reviewed By : Semsettin Yesilyurt 03/14/2022
Supervised By : Mahesh Dadoda 03/14/2022



#36

Benzene

Concen: 0.52 ppbv

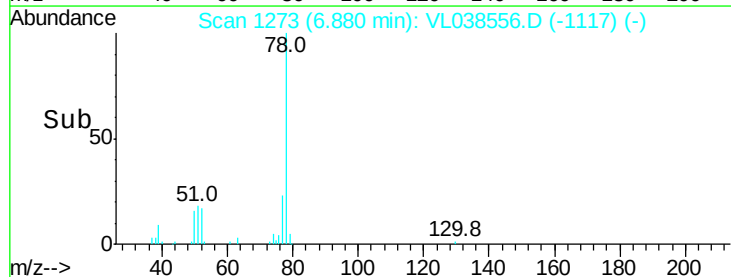
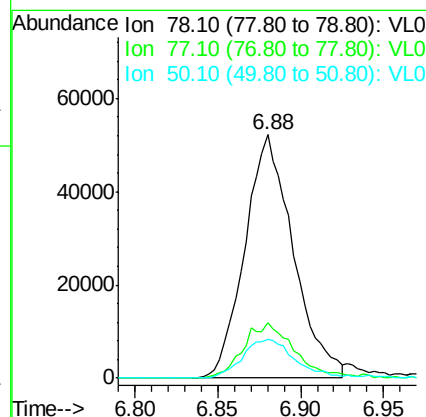
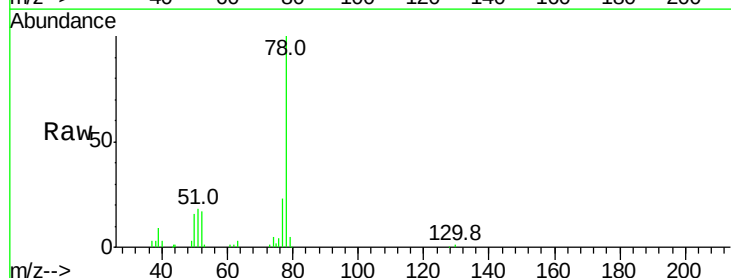
RT: 6.88 min Scan# 1273

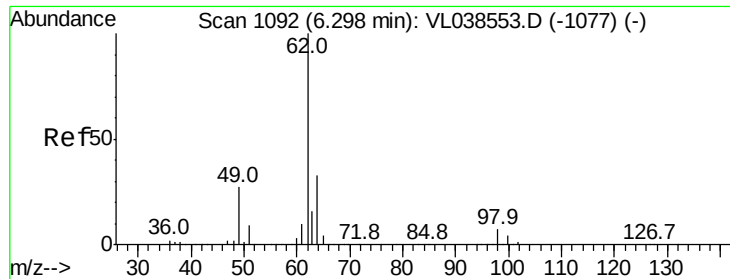
Delta R.T. 0.00 min

Lab File: VL038556.D

Acq: 8 Mar 2022 13:03

Tgt Ion: 78 Resp: 105705
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4
50 16.1 13.9 20.9



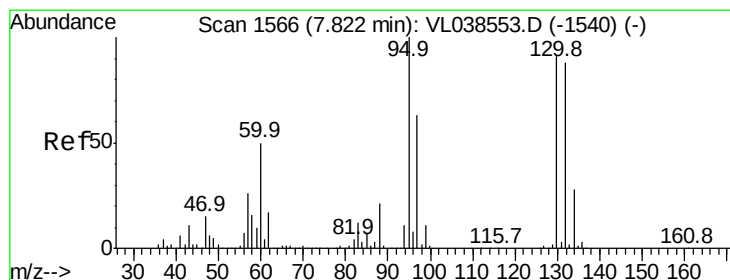
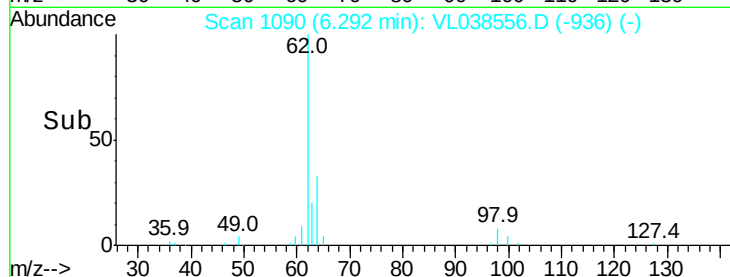
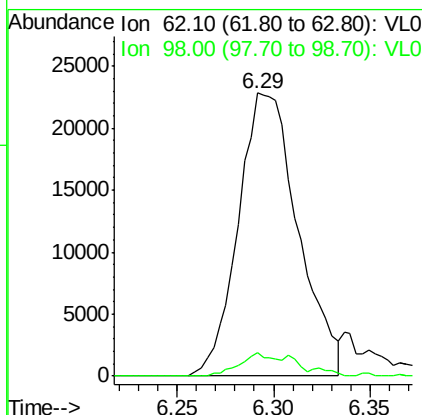
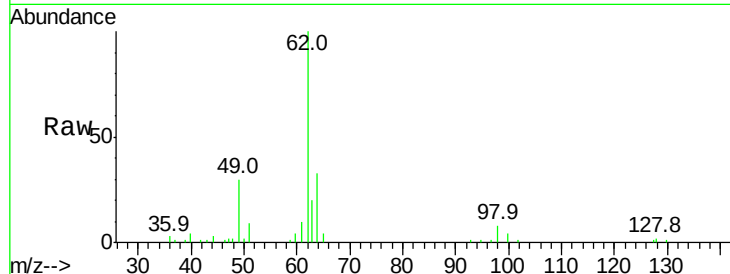


#37
 1,2-Dichloroethane
 Concen: 0.41 ppbv
 RT: 6.29
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 8 Mar 2022 13:03

Tgt Ion:
 Ion Ratio
 62 100
 98 7.

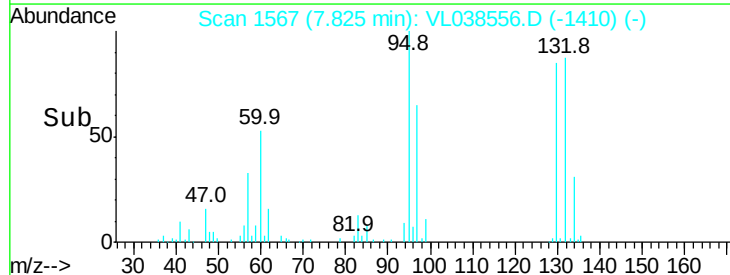
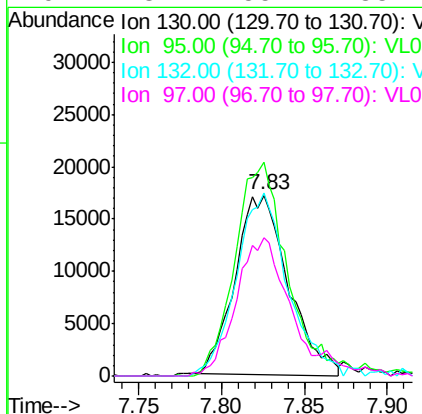
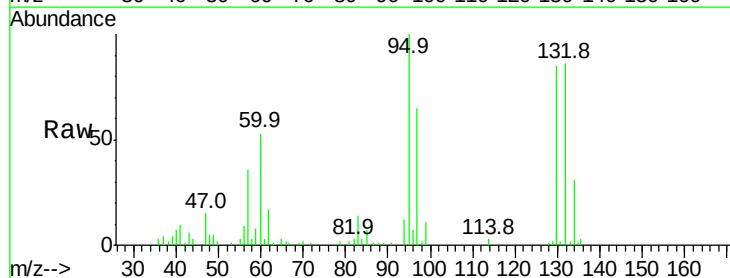
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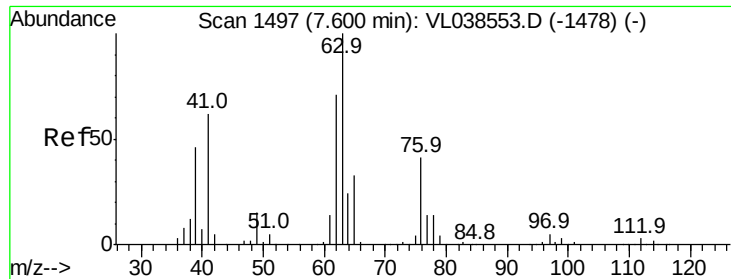
Reviewed By :Semsettin Yesilyurt 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#38
 Trichloroethene
 Concen: 0.52 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VL038556.D
 Acq: 8 Mar 2022 13:03

Tgt Ion:130 Resp: 38391
 Ion Ratio Lower Upper
 130 100
 95 121.0 87.8 131.8
 132 104.0 77.5 116.3
 97 78.4 55.4 83.2



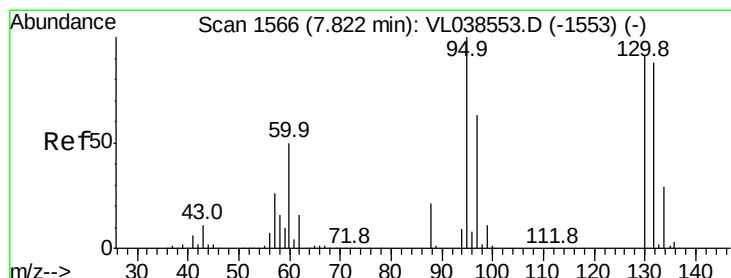
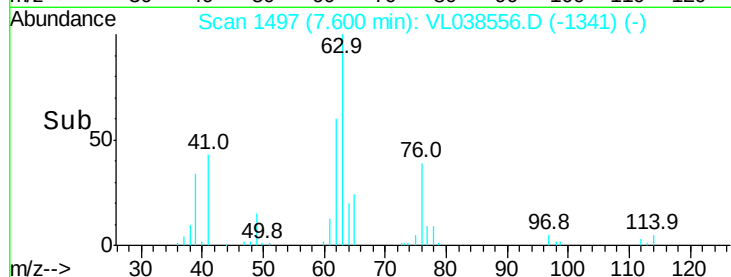
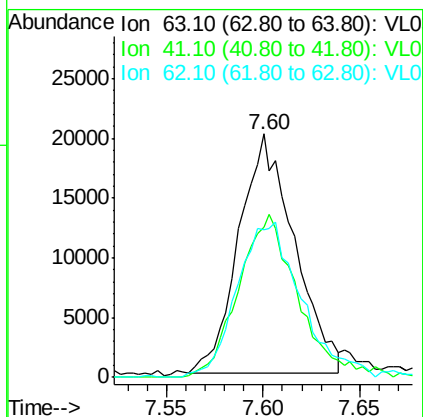
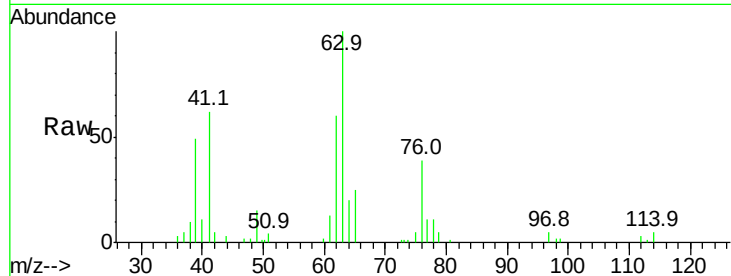


#39
 1,2-Dichloropropane
 Concen: 0.49 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 13:03

Tgt Ion:
 Ion Ratio
 63 100
 41 61.
 62 59.

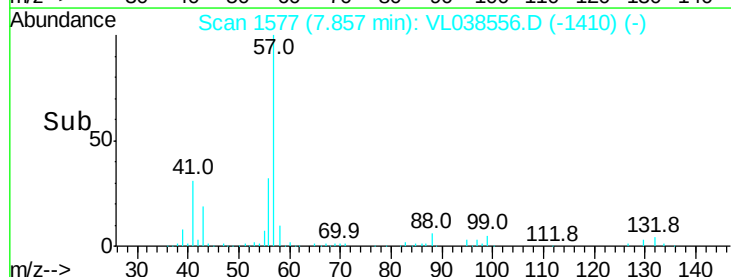
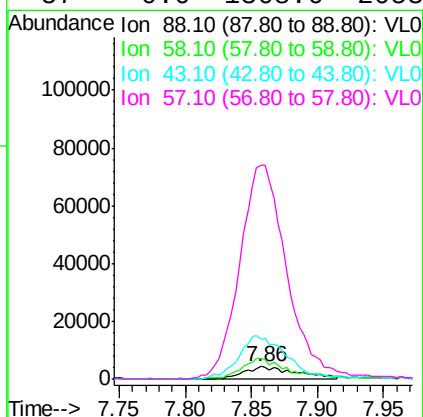
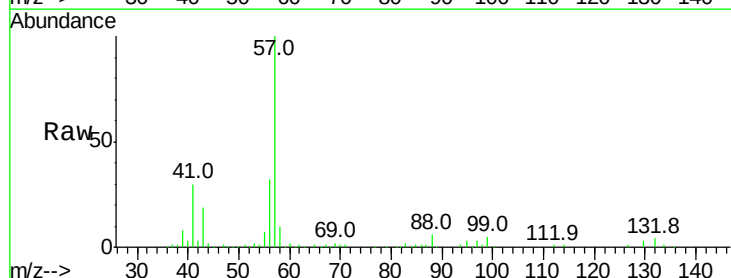
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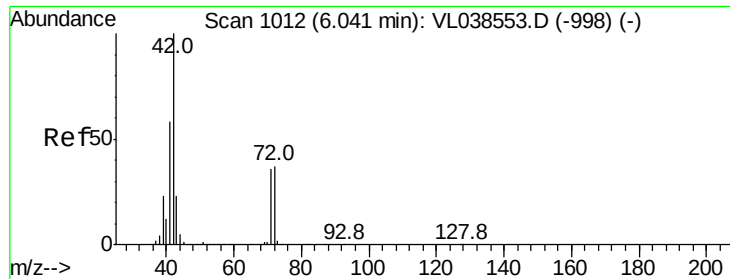
Reviewed By :Semsettin Yesilyurt 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#40
 1,4-Dioxane
 Concen: 0.61 ppbv m
 RT: 7.86 min Scan# 1577
 Delta R.T. 0.04 min
 Lab File: VL038556.D
 Acq: 8 Mar 2022 13:03

Tgt Ion: 88 Resp: 11751
 Ion Ratio Lower Upper
 88 100
 58 0.0 126.7 190.1#
 43 0.0 303.0 454.6#
 57 0.0 1368.6 2053.0#





#41

Tetrahydrofuran

Concen: 0.48 ppbv m

RT: 6.07 Instrument:

Delta R.T. MSVOA_1

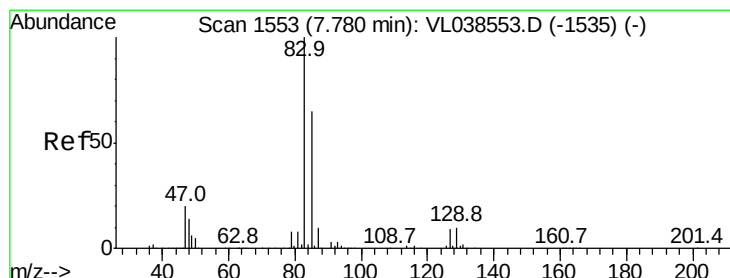
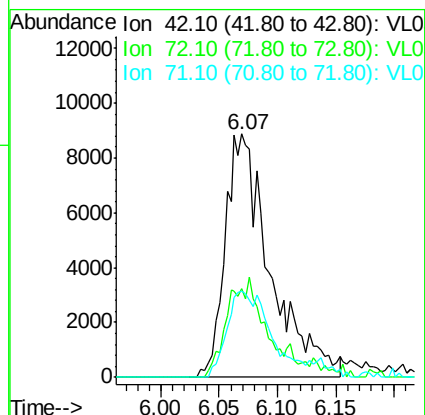
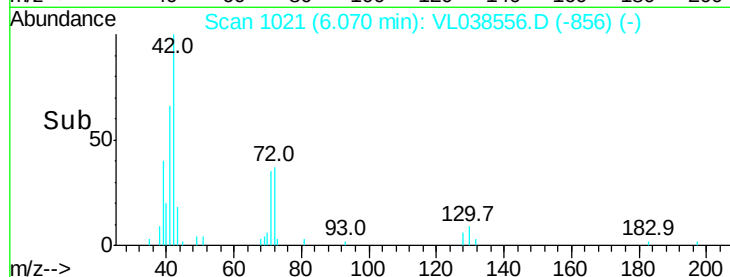
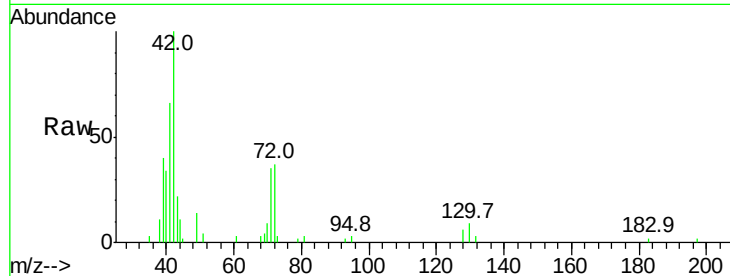
Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:03 VSTDIC0.5

Tgt Ion:
Ion Ratio
42 100
72 0.
71 0.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#42

Bromodichloromethane

Concen: 0.47 ppbv m

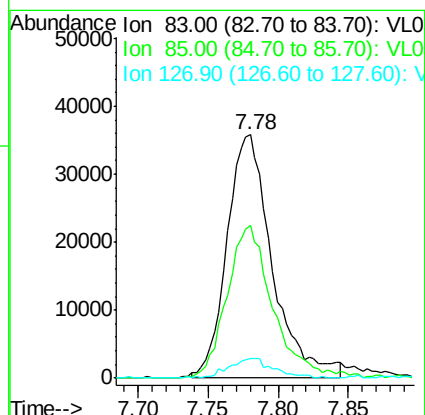
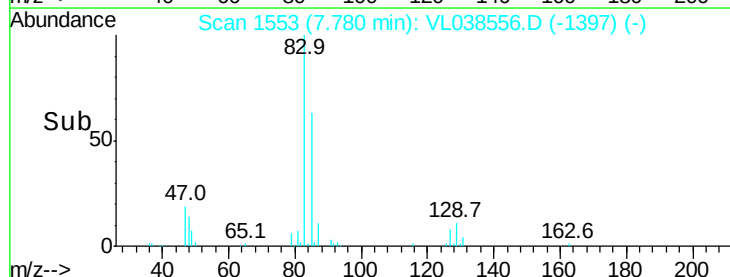
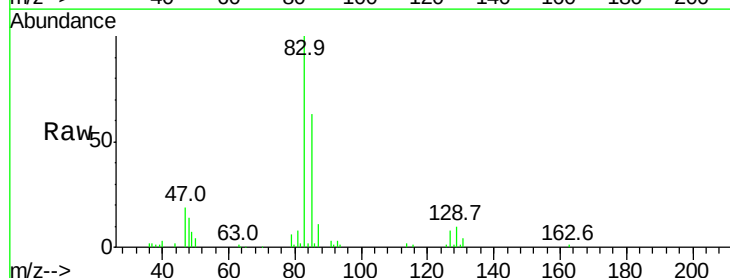
RT: 7.78 min Scan# 1553

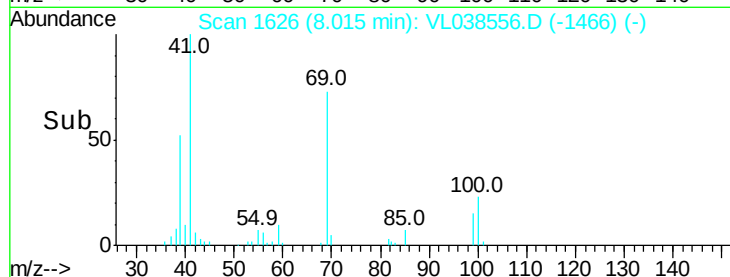
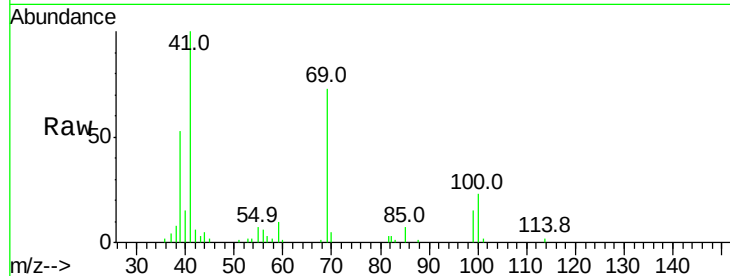
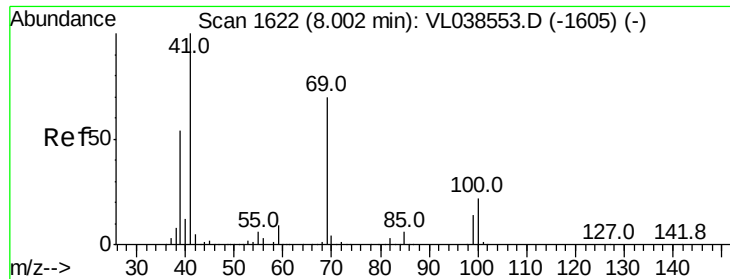
Delta R.T. 0.00 min

Lab File: VL038556.D

Acq: 8 Mar 2022 13:03

Tgt Ion: 83 Resp: 80726
Ion Ratio Lower Upper
83 100
85 62.9 51.7 77.5
127 8.1 6.9 10.3





#43

Methyl Methacrylate

Concen: 0.45 ppbv m

RT: 8.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:03 VSTDIC0.5

Tgt Ion:

Ion Ratio

69 100

41 0.

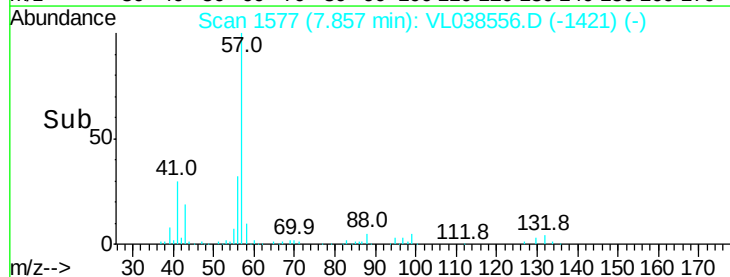
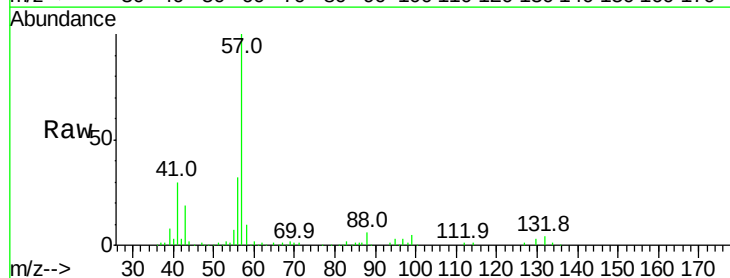
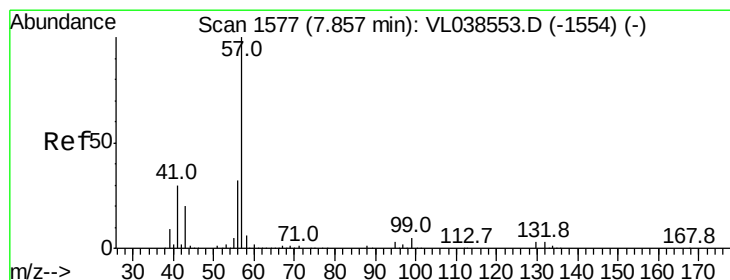
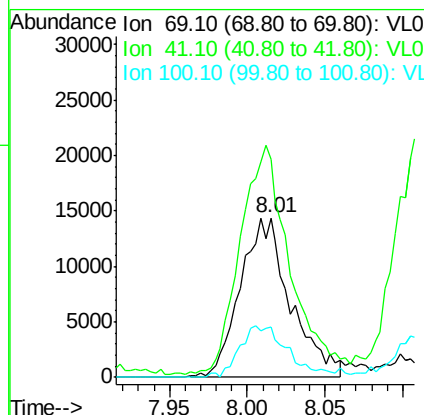
100 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#44

2,2,4-Trimethylpentane

Concen: 0.52 ppbv

RT: 7.86 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VL038556.D

Acq: 8 Mar 2022 13:03

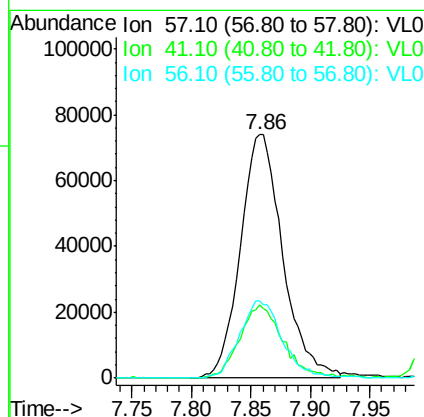
Tgt Ion: 57 Resp: 182541

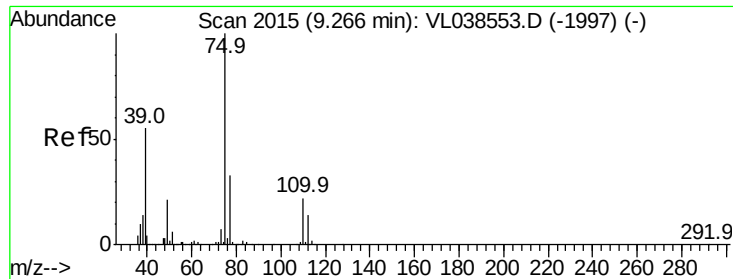
Ion Ratio Lower Upper

57 100

41 31.1 24.0 36.0

56 32.4 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 0.37 ppbv m

RT: 9.27

Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDIC0.5

Acq: 8 Mar 2022 13:03

Tgt Ion: 75

Ion Ratio: 100

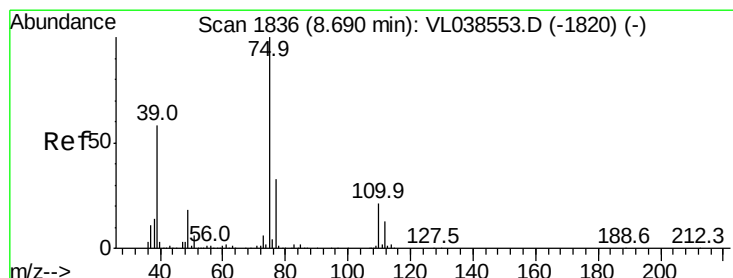
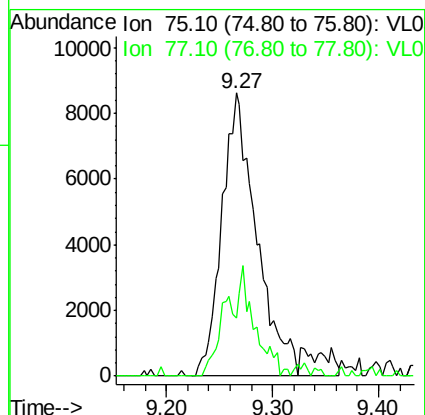
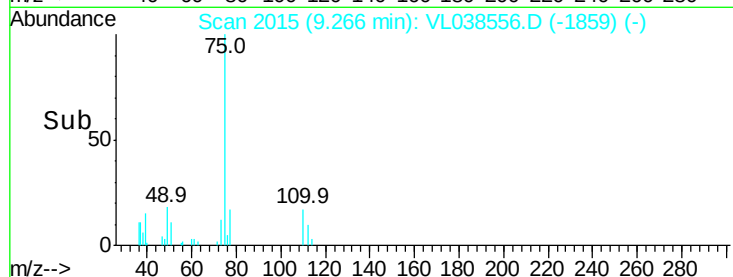
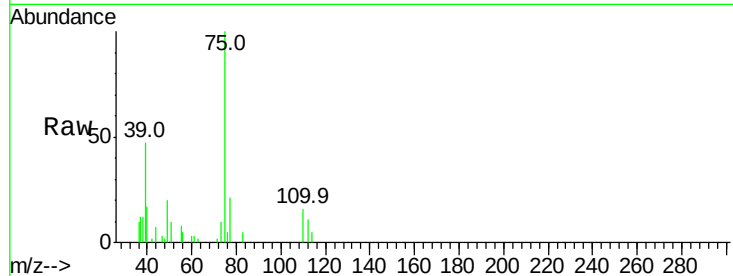
77 20.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#46

cis-1,3-Dichloropropene

Concen: 0.42 ppbv m

RT: 8.69 min Scan# 1837

Delta R.T. 0.00 min

Lab File: VL038556.D

Acq: 8 Mar 2022 13:03

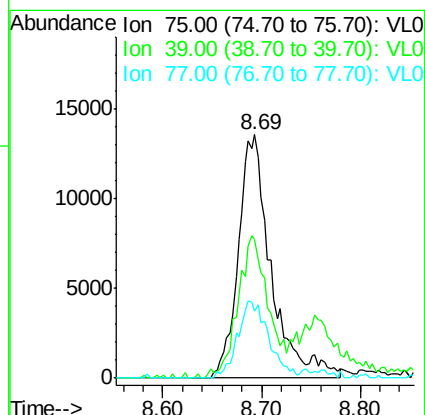
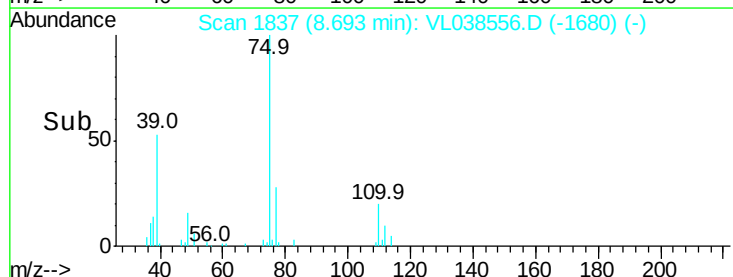
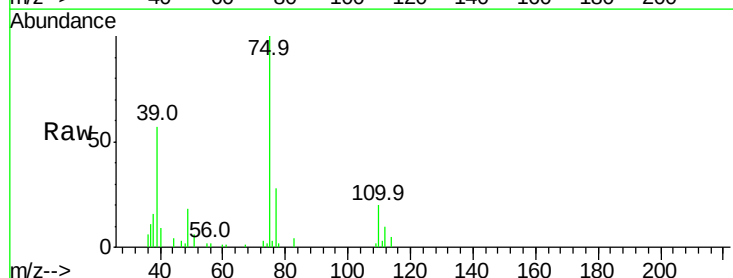
Tgt Ion: 75 Resp: 31365

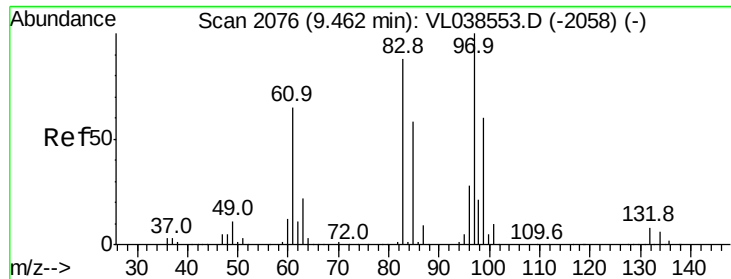
Ion Ratio Lower Upper

75 100

39 57.0 46.2 69.2

77 27.7 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 0.50 ppbv

RT: 9.46

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id:

Lab File: VSTDIC0.5

Acq: 8 Mar 2022 13:03

Tgt Ion:

Ion Ratio

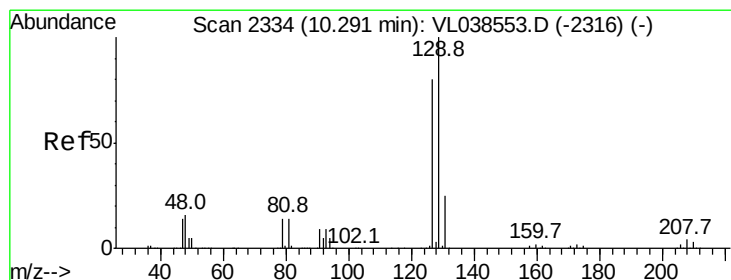
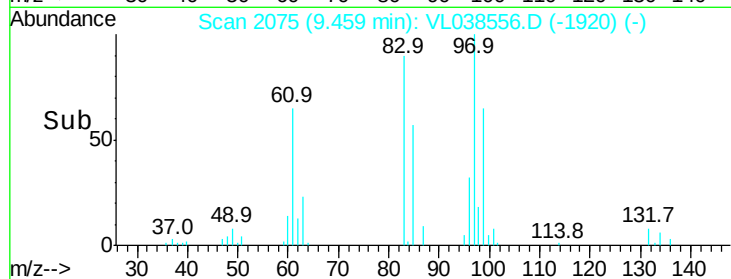
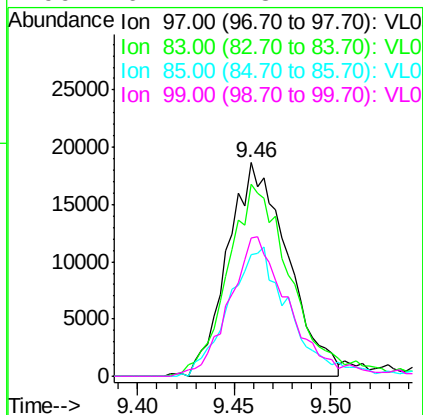
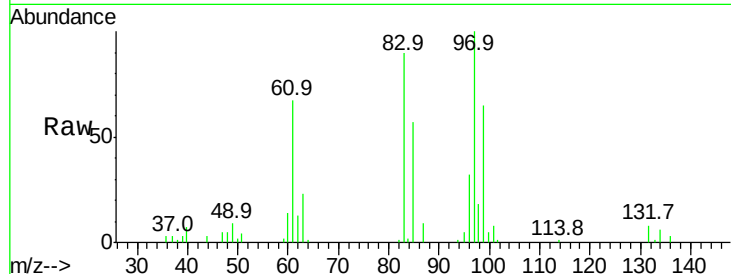
97	100
83	84.
85	56.
99	61.7
	48.1
	72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#48

Dibromochloromethane

Concen: 0.46 ppbv

RT: 10.29 min Scan# 2333

Delta R.T. -0.00 min

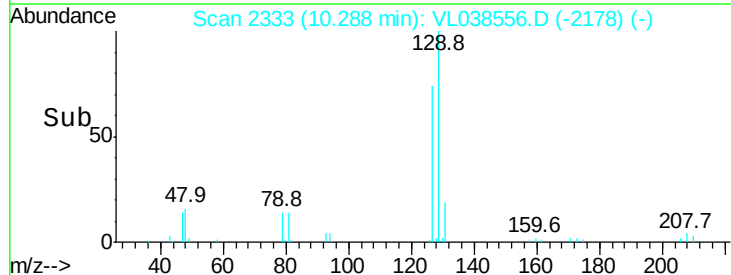
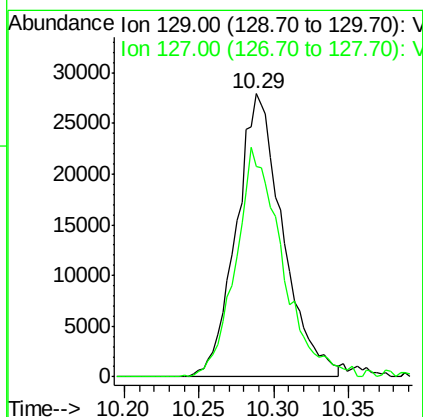
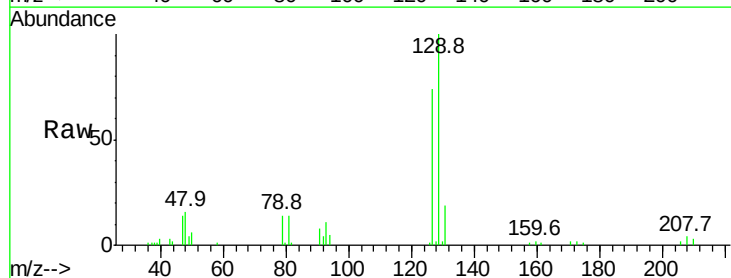
Lab File: VL038556.D

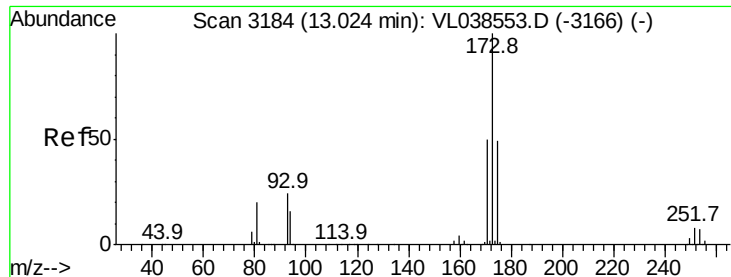
Acq: 8 Mar 2022 13:03

Tgt Ion:129 Resp: 60489

Ion Ratio Lower Upper

129	100		
127	81.2	39.5	118.3





#49

Bromoform

Concen: 0.46 ppbv m

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 13:03

Tgt Ion:1

Ion Rati

173 100

175 47.

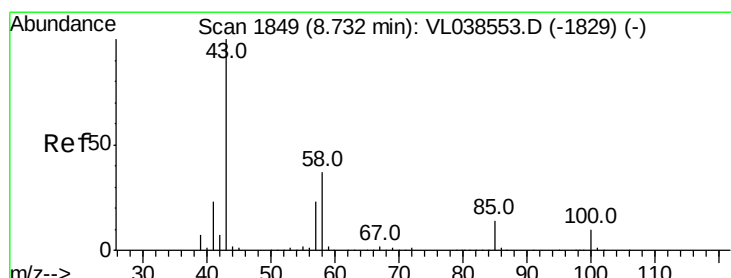
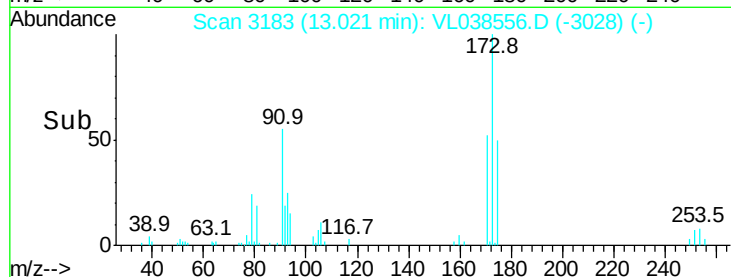
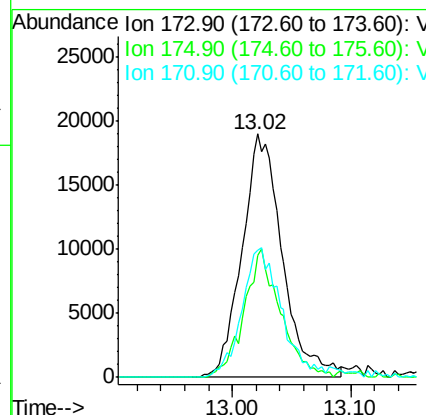
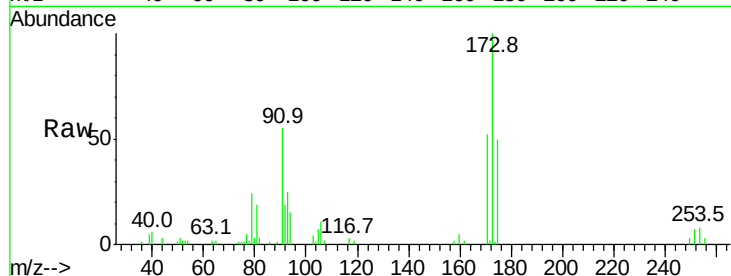
171 54.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#50

4-Methyl-2-Pentanone

Concen: 0.43 ppbv m

RT: 8.75 min Scan# 1855

Delta R.T. 0.02 min

Lab File: VL038556.D

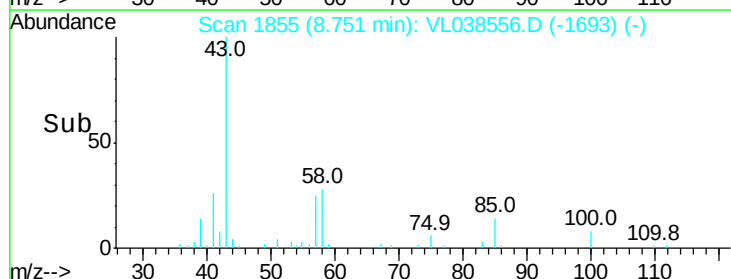
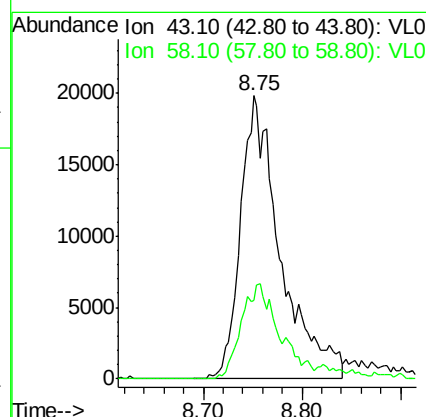
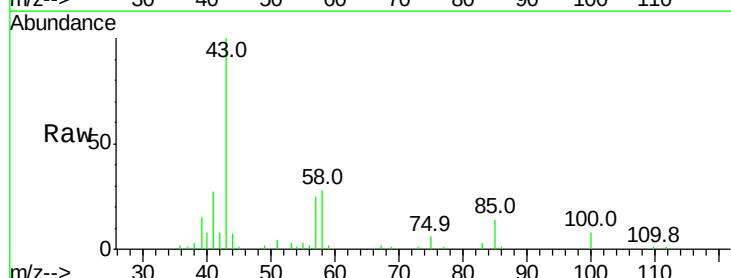
Acq: 8 Mar 2022 13:03

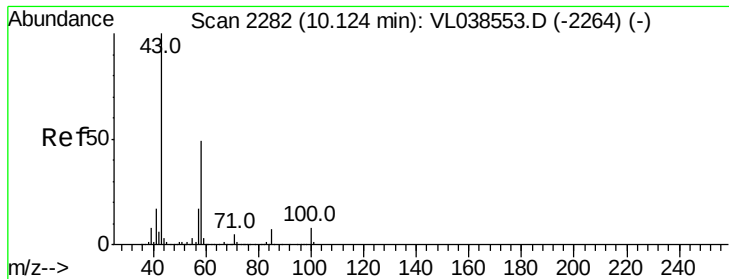
Tgt Ion: 43 Resp: 55890

Ion Ratio Lower Upper

43 100

58 0.0 29.2 43.8#





#51

2-Hexanone

Concen: 0.37 ppbv m

RT: 10.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:03

Tgt Ion:

Ion Ratio

43 100

58 0.

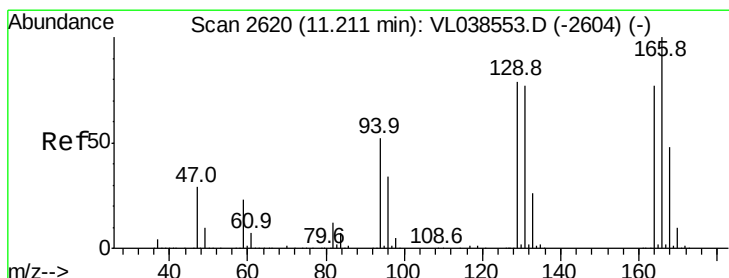
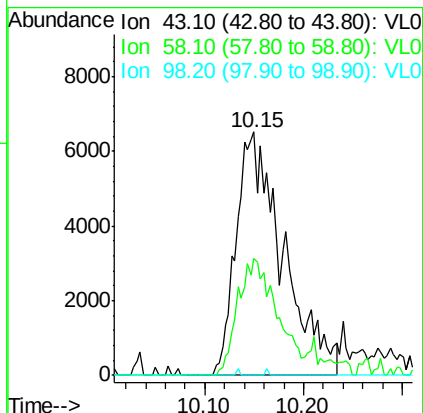
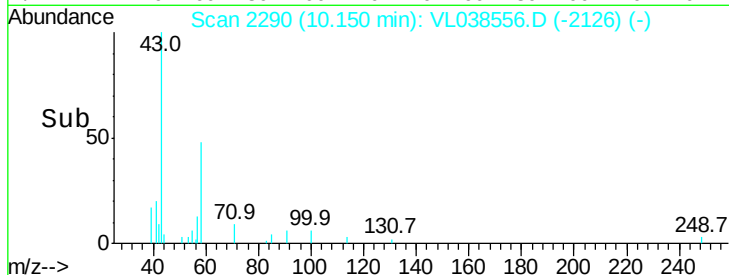
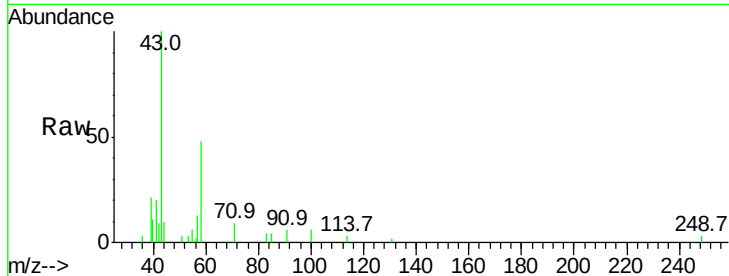
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#52

Tetrachloroethene

Concen: 0.57 ppbv m

RT: 11.21 min Scan# 2620

Delta R.T. 0.00 min

Lab File: VL038556.D

Acq: 8 Mar 2022 13:03

Tgt Ion:164 Resp: 38584

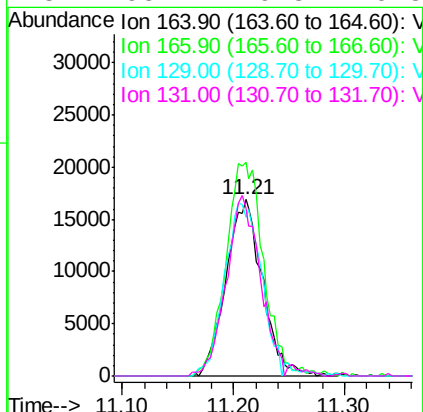
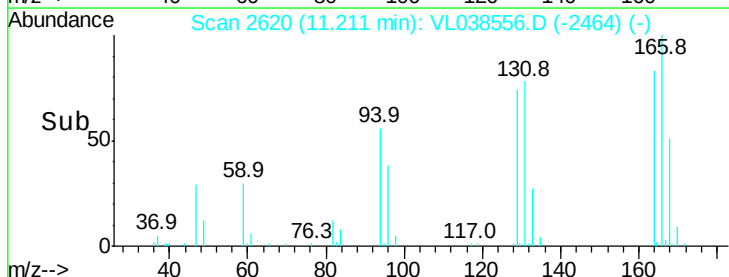
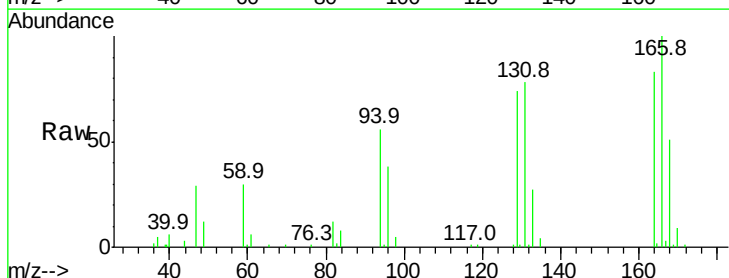
Ion Ratio Lower Upper

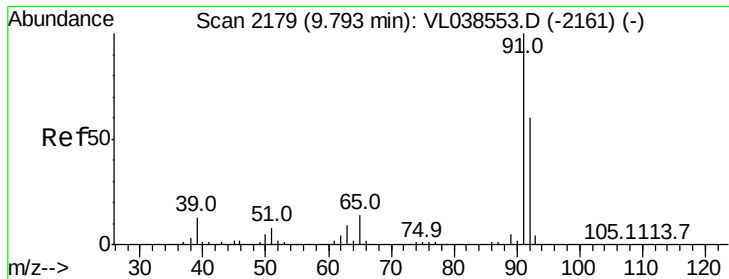
164 100

166 121.2 103.4 155.2

129 90.0 81.3 121.9

131 95.1 79.8 119.8





#53

Toluene

Concen: 0.47 ppbv

RT: 9.79 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:03 VSTDIC0.5

Tgt Ion:

Ion Ratio

91 100

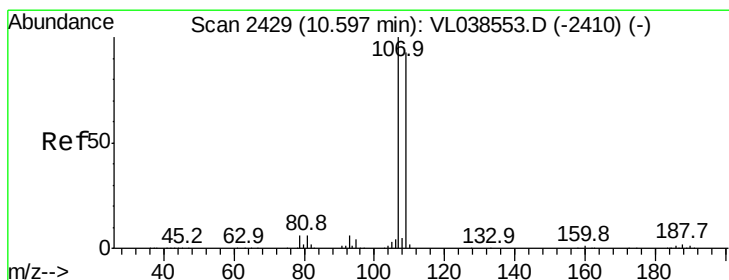
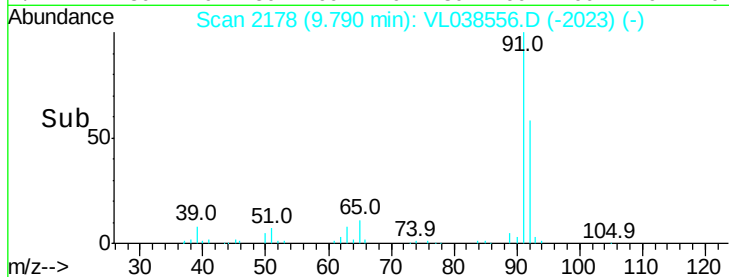
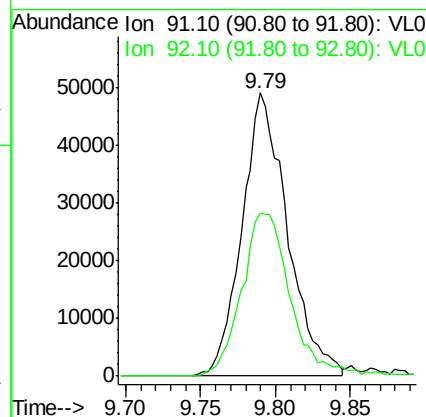
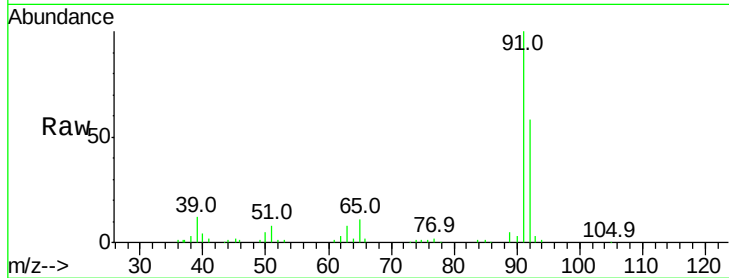
92 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#54

1,2-Dibromoethane

Concen: 0.51 ppbv m

RT: 10.59 min Scan# 2428

Delta R.T. -0.00 min

Lab File: VL038556.D

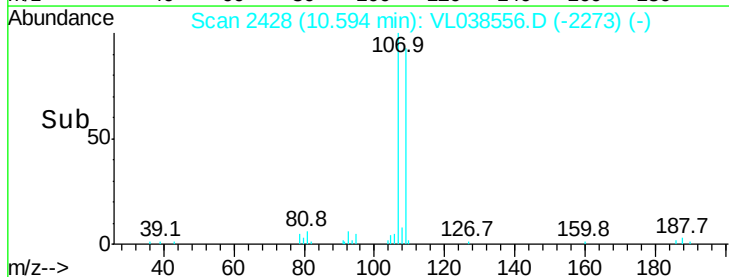
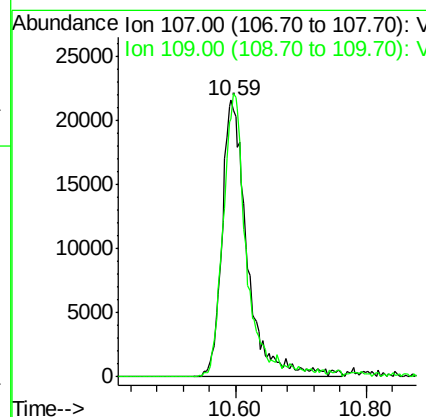
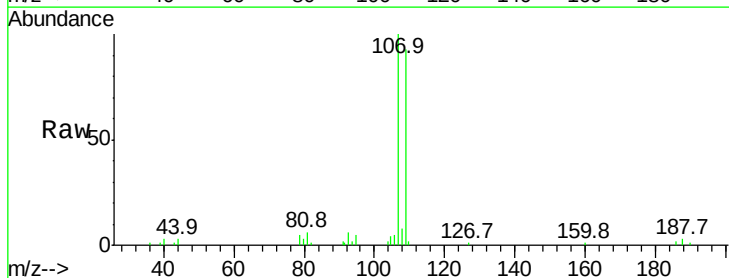
Acq: 8 Mar 2022 13:03

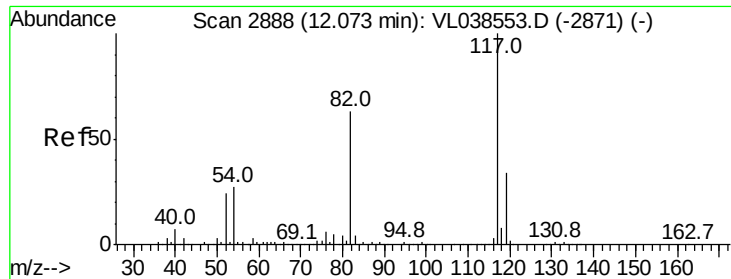
Tgt Ion:107 Resp: 58163

Ion Ratio Lower Upper

107 100

109 93.2 74.6 112.0



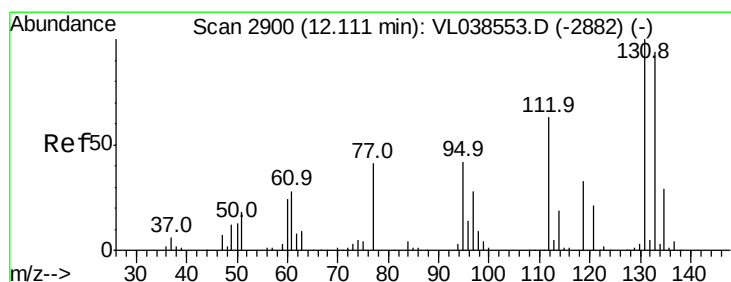
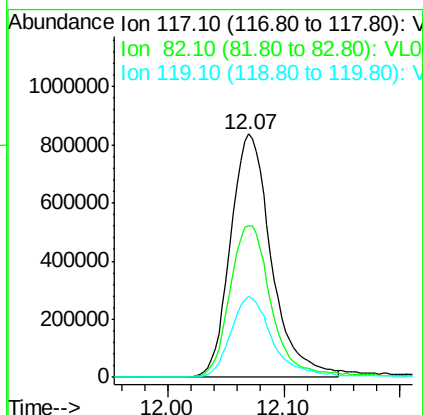
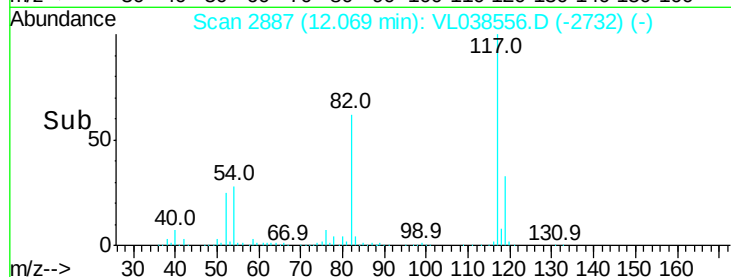
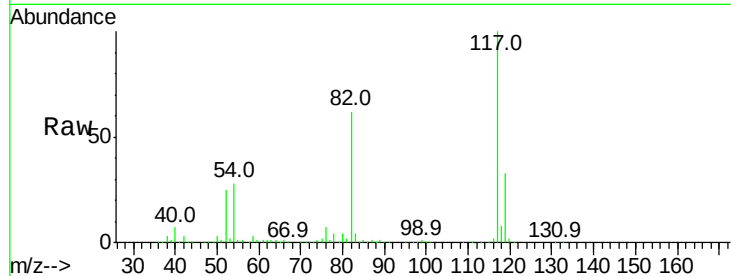


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Mar 2022 13:03

Tgt Ion: 117
Ion Ratio: 100
82 65.1
119 34.1

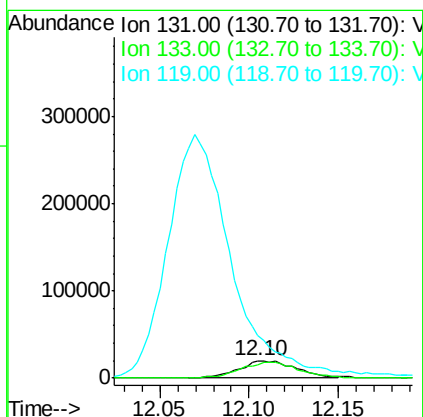
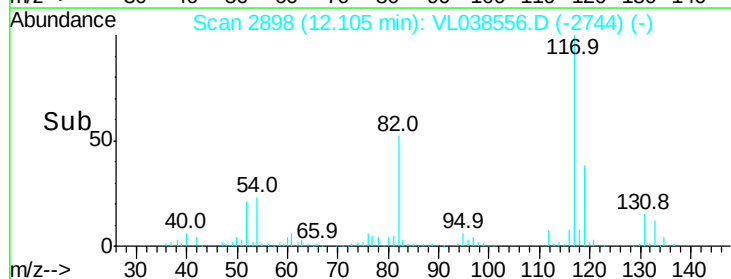
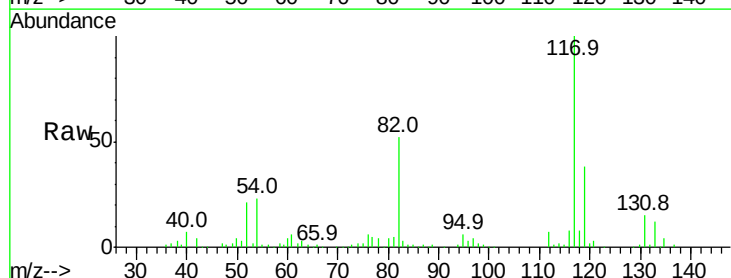
Manual Integrations
APPROVED

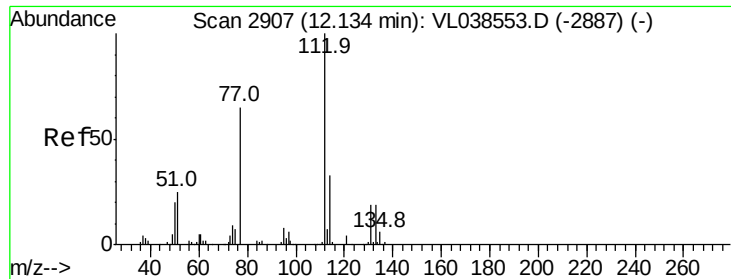
Reviewed By: Semsettin Yesilyurt 03/14/2022
Supervised By: Mahesh Dadoda 03/14/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.53 ppbv
RT: 12.10 min Scan# 2898
Delta R.T.: -0.01 min
Lab File: VL038556.D
Acq: 8 Mar 2022 13:03

Tgt Ion: 131 Resp: 44899
Ion Ratio Lower Upper
131 100
133 96.4 78.0 117.0
119 1613.9 53.1 79.7#



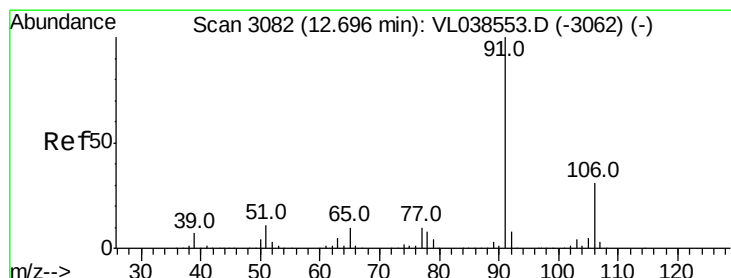
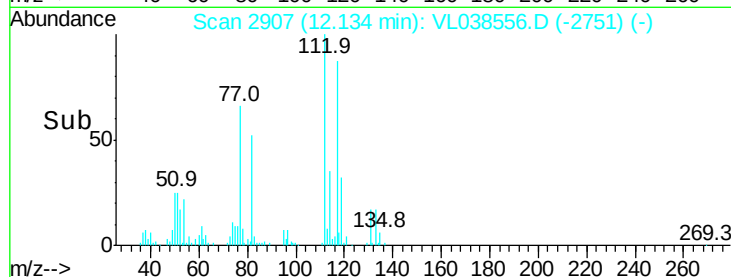
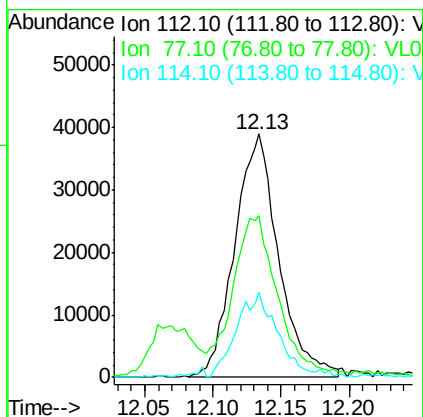
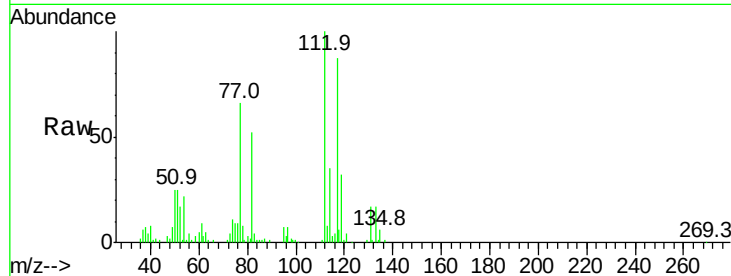


#57
Chlorobenzene
Concen: 0.55 ppbv
RT: 12.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Mar 2022 13:03

Tgt Ion: 111.9
Ion Ratio
112 100
77 62.
114 33.

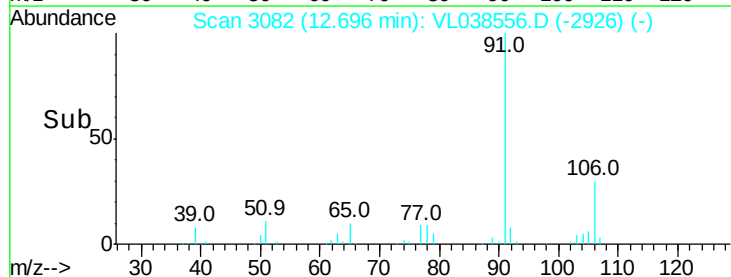
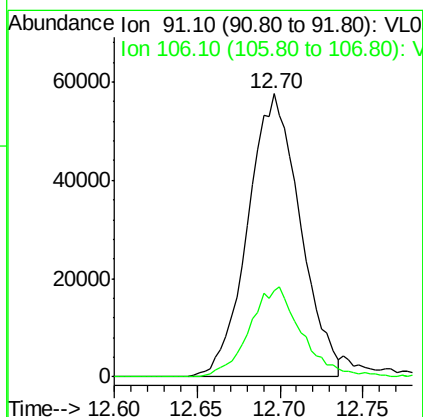
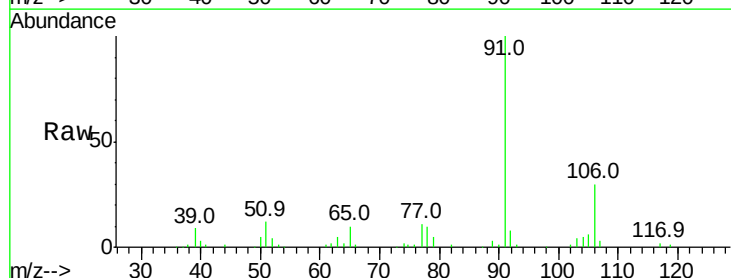
Manual Integrations
APPROVED

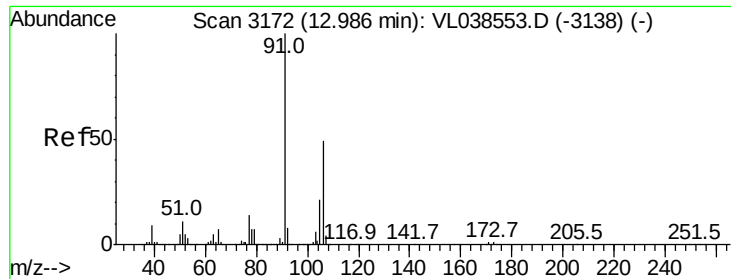
Reviewed By :Semsettin Yesilyurt 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#58
Ethyl Benzene
Concen: 0.45 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. 0.00 min
Lab File: VL038556.D
Acq: 8 Mar 2022 13:03

Tgt Ion: 91 Resp: 126550
Ion Ratio Lower Upper
91 100
106 30.4 24.6 37.0



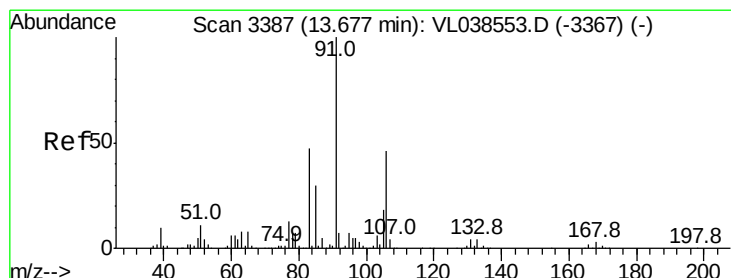
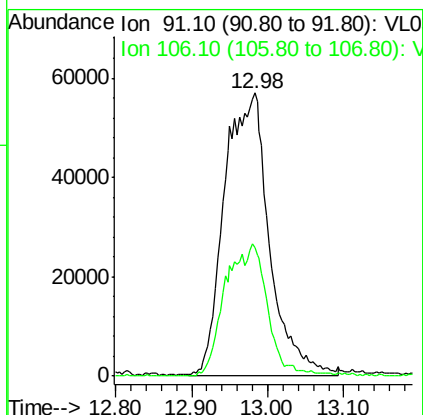
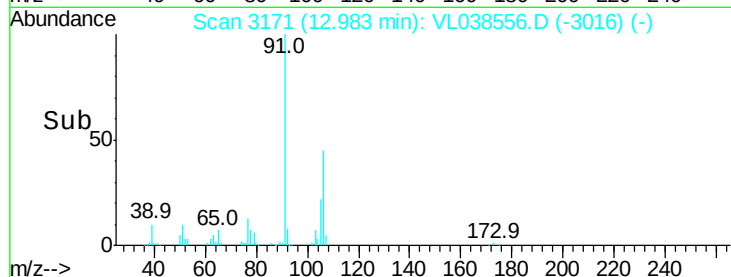
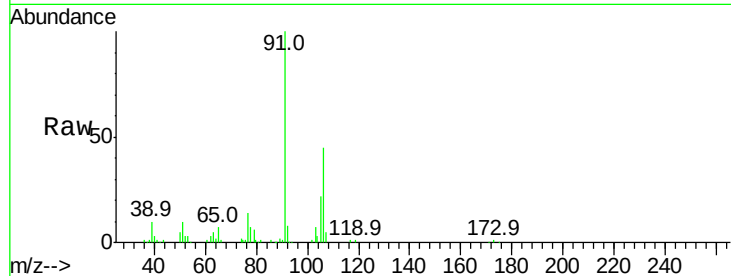


#59
m/p-Xylene
Concen: 0.98 ppbv m
RT: 12.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Mar 2022 13:03

Tgt Ion:
Ion Ratio
91 100
106 44.

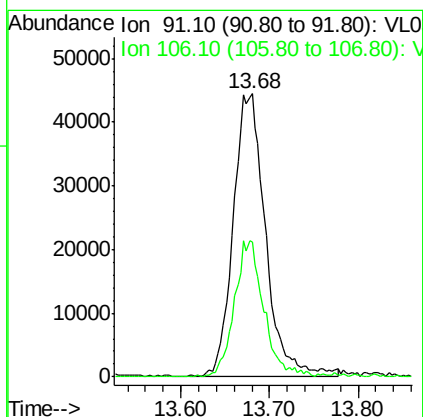
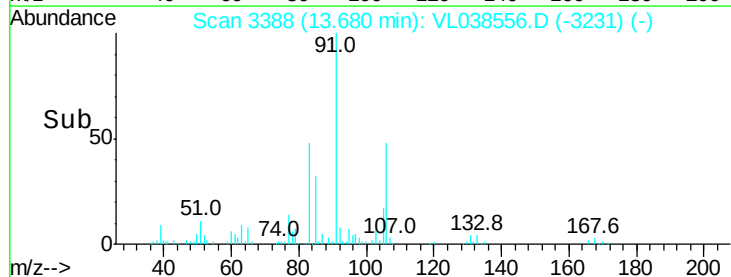
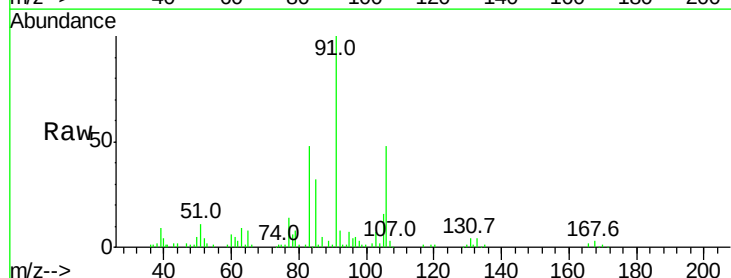
Manual Integrations
APPROVED

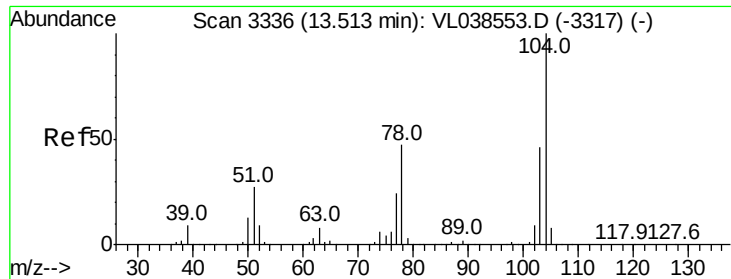
Reviewed By :Semsettin Yesilyurt 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#60
o-Xylene
Concen: 0.50 ppbv m
RT: 13.68 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VL038556.D
Acq: 8 Mar 2022 13:03

Tgt Ion: 91 Resp: 113300
Ion Ratio Lower Upper
91 100
106 44.3 23.5 70.6





#61

Styrene

Concen: 0.43 ppbv

RT: 13.51

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 13:03

Tgt Ion:1

Ion Rati

104 100

78 51.

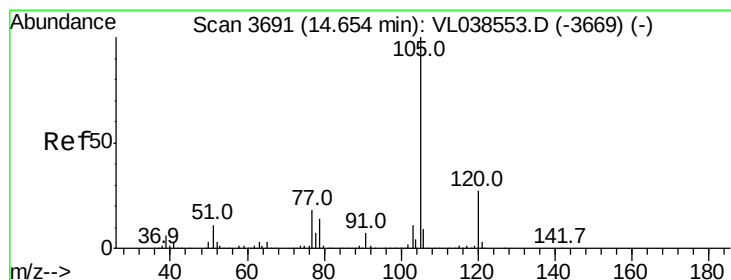
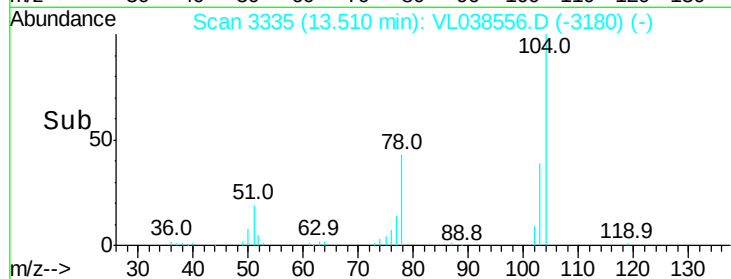
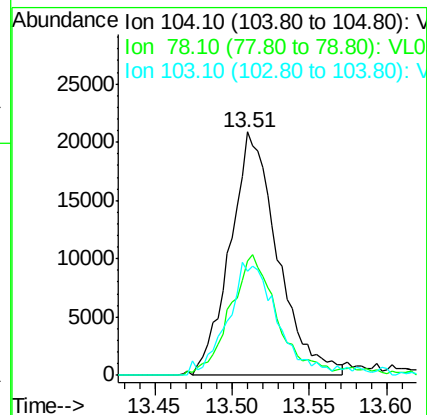
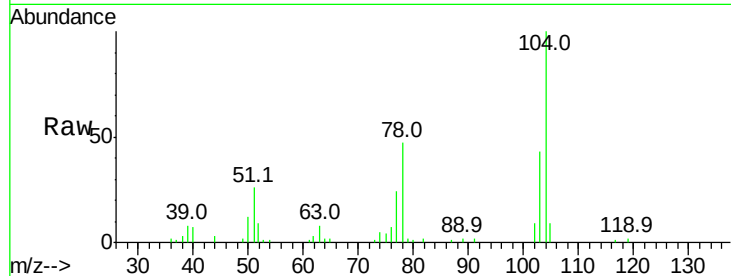
103 50.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#62

Isopropylbenzene

Concen: 0.50 ppbv

RT: 14.65 min Scan# 3689

Delta R.T. -0.01 min

Lab File: VL038556.D

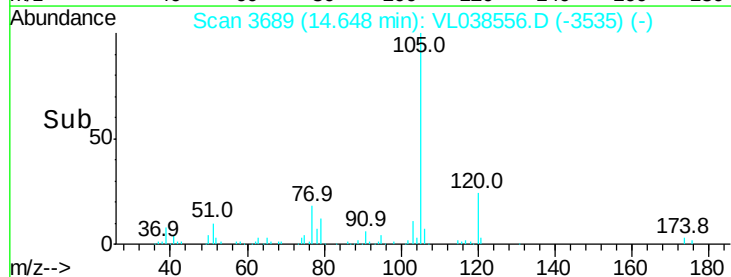
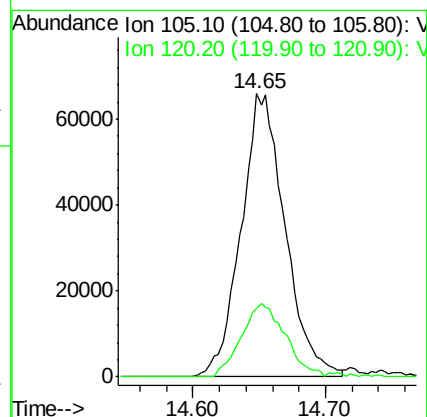
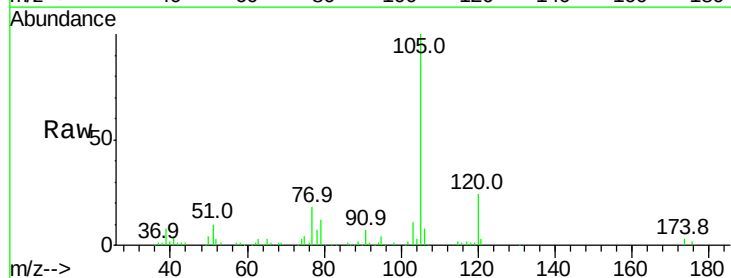
Acq: 8 Mar 2022 13:03

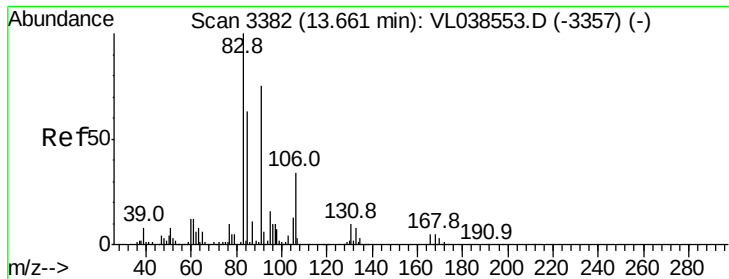
Tgt Ion:105 Resp: 152213

Ion Ratio Lower Upper

105 100

120 25.8 21.2 31.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.50 ppbv m

RT: 13.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 13:03

Tgt Ion:

Ion Ratio

83 100

131 9.

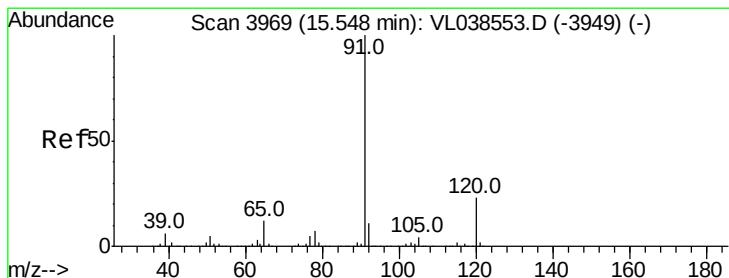
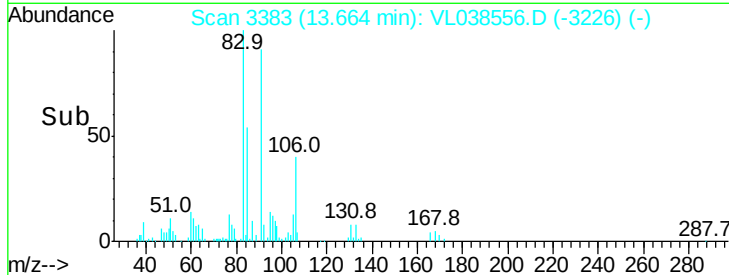
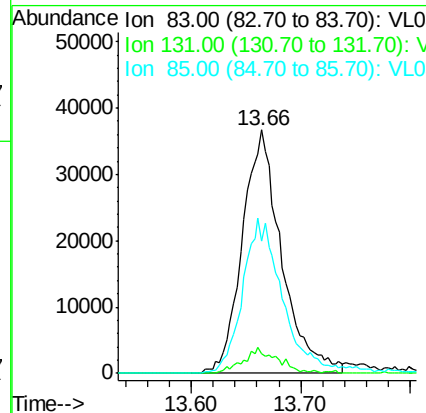
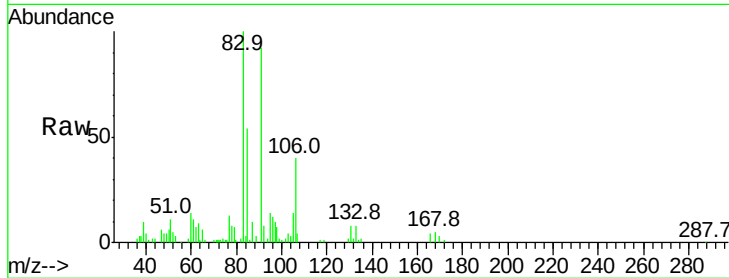
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#64

n-propylbenzene

Concen: 0.48 ppbv

RT: 15.55 min Scan# 3968

Delta R.T. -0.00 min

Lab File: VL038556.D

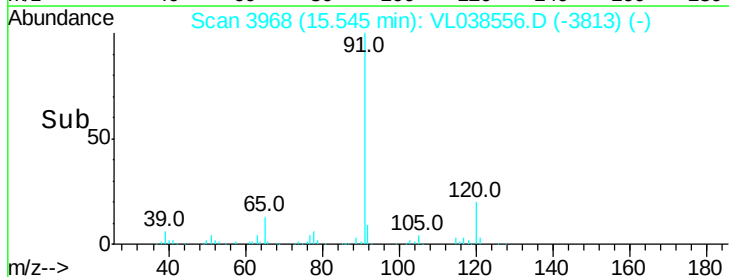
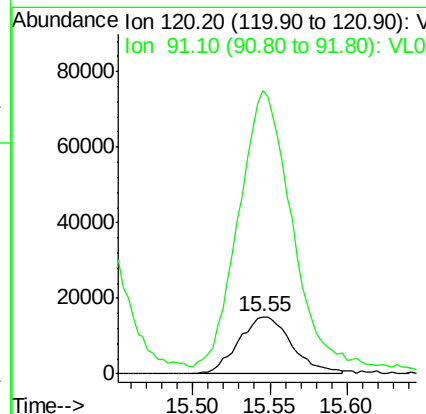
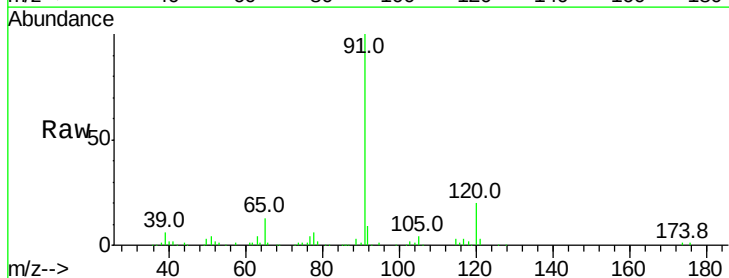
Acq: 8 Mar 2022 13:03

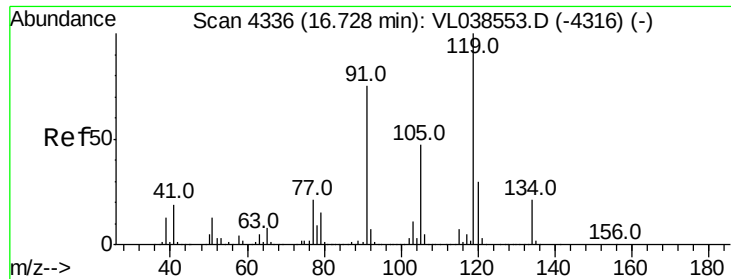
Tgt Ion:120 Resp: 36299

Ion Ratio Lower Upper

120 100

91 527.2 374.2 561.2



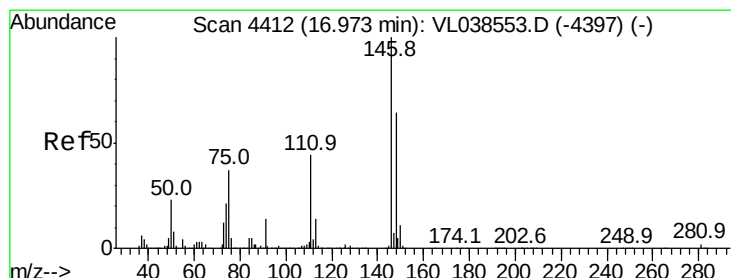
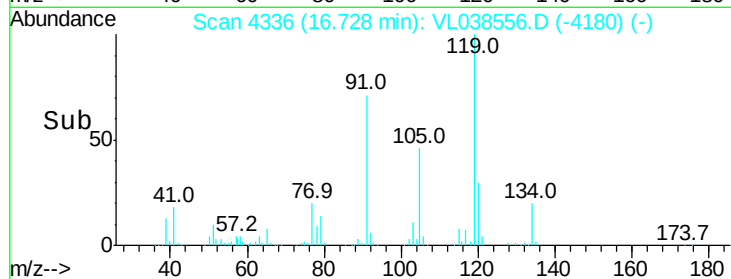
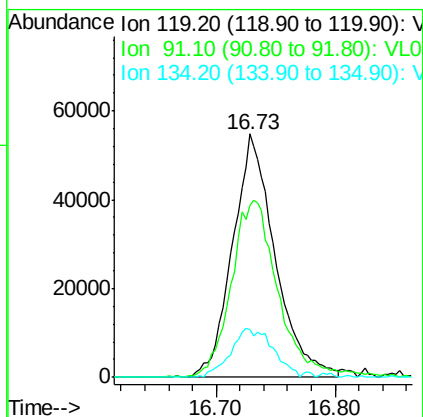
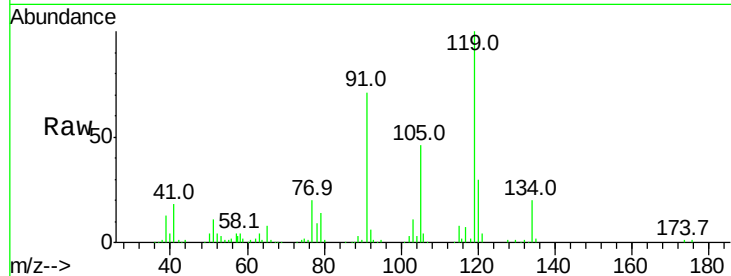


#65
 tert-Butylbenzene
 Concen: 0.51 ppbv
 RT: 16.73 min
 Delta R.T. 0.01 min
 Lab File: VL038556.D
 Acq: 8 Mar 2022 13:03

Tgt Ion: 119
 Ion Ratio: 100
 91 81.1
 134 20.0

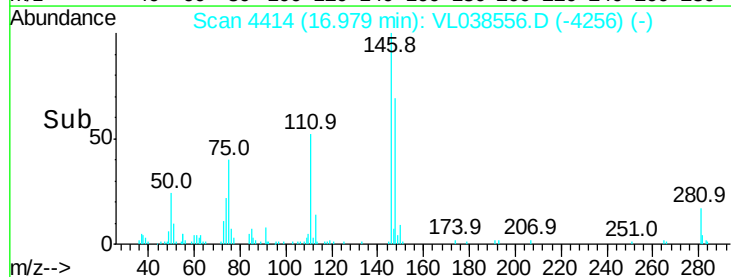
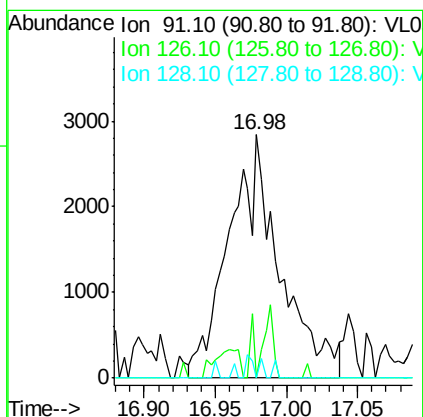
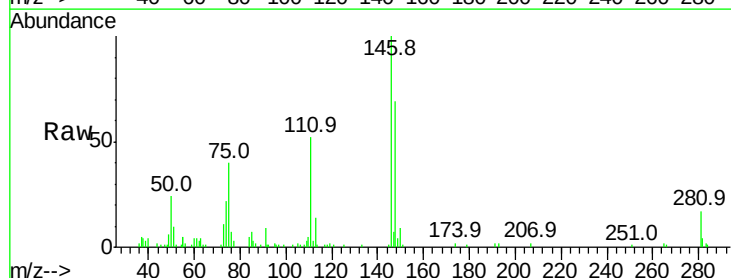
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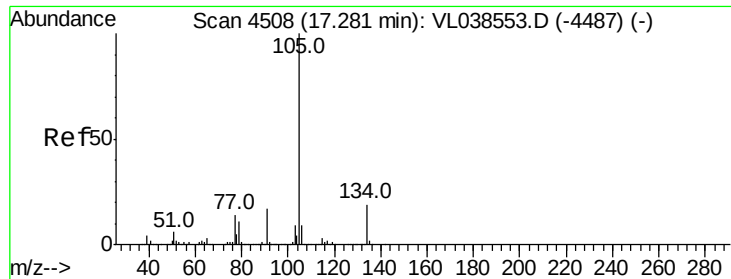
Reviewed By : Semsettin Yesilyurt 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#66
 Benzyl Chloride
 Concen: 0.49 ppbv m
 RT: 16.98 min Scan# 4414
 Delta R.T. 0.01 min
 Lab File: VL038556.D
 Acq: 8 Mar 2022 13:03

Tgt Ion: 91 Resp: 7056
 Ion Ratio Lower Upper
 91 100
 126 5.8 14.1 21.1#
 128 1.0 5.1 7.7#





#67

sec-Butylbenzene

Concen: 0.51 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 13:03

Tgt Ion:1

Ion Rati

105 100

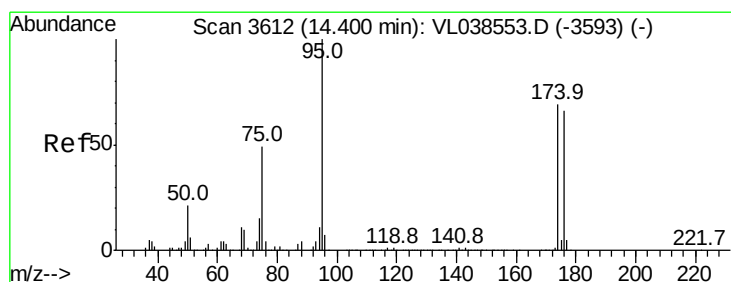
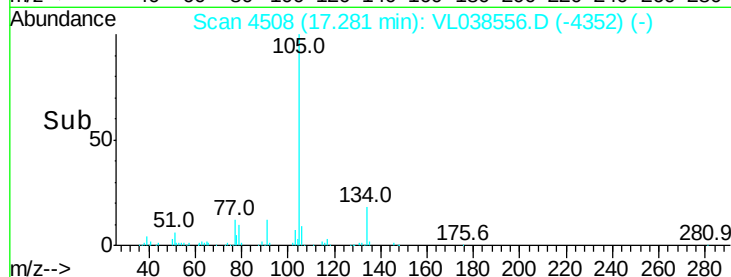
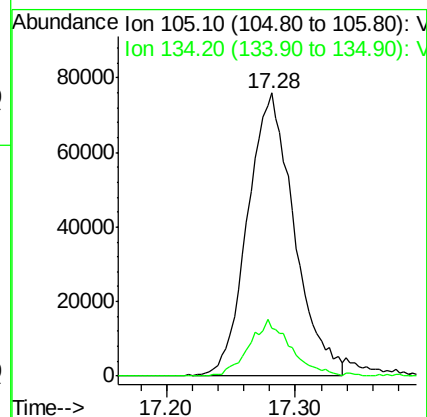
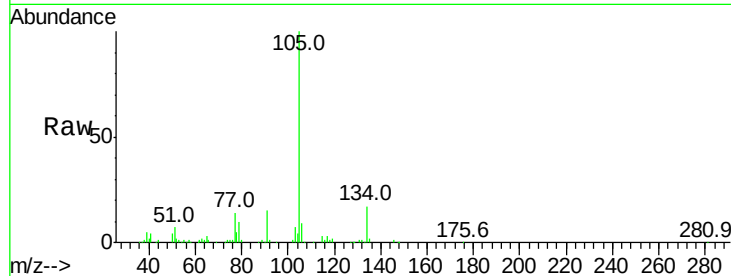
134 18.

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Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.26 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.00 min

Lab File: VL038556.D

Acq: 8 Mar 2022 13:03

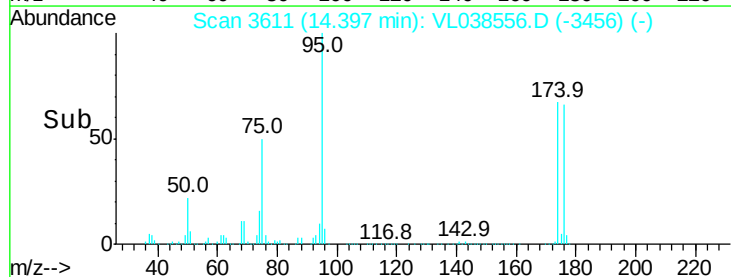
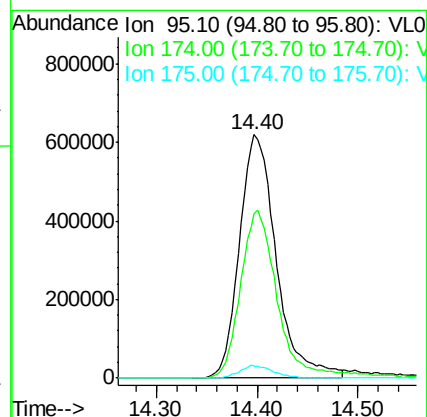
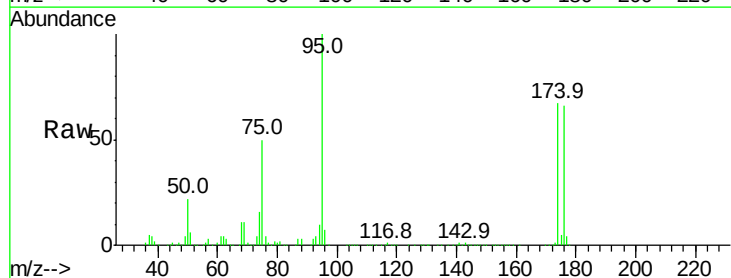
Tgt Ion: 95 Resp: 1570018

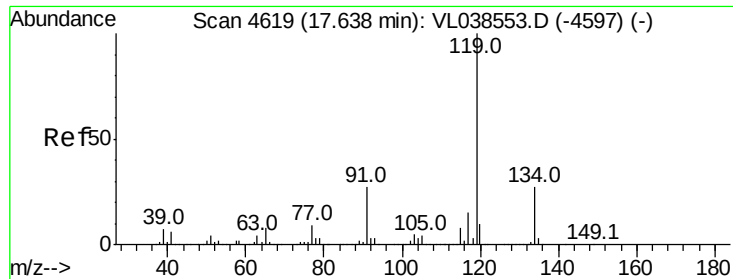
Ion Ratio Lower Upper

95 100

174 70.8 56.2 84.4

175 5.1 4.2 6.2



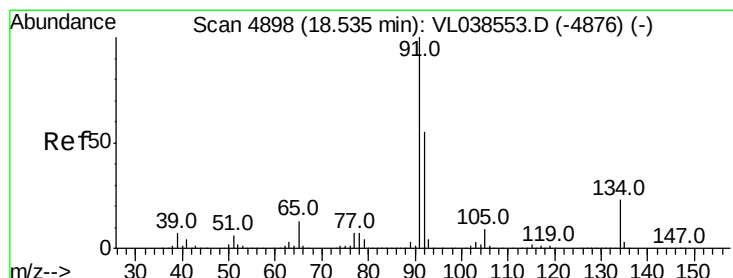
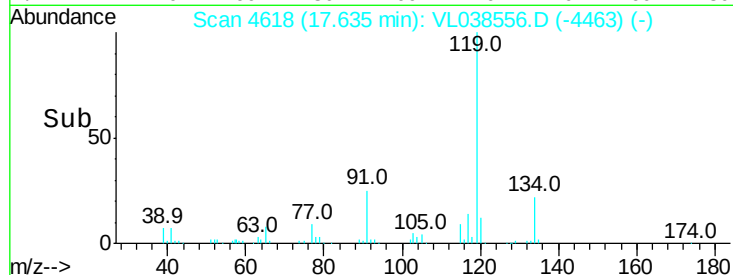
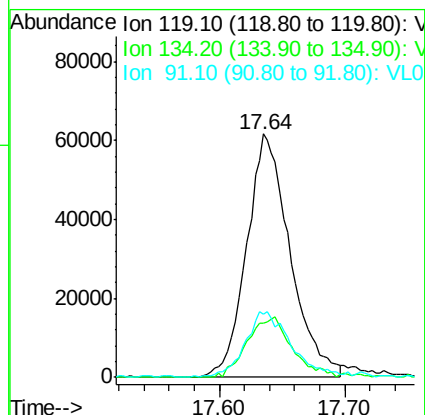
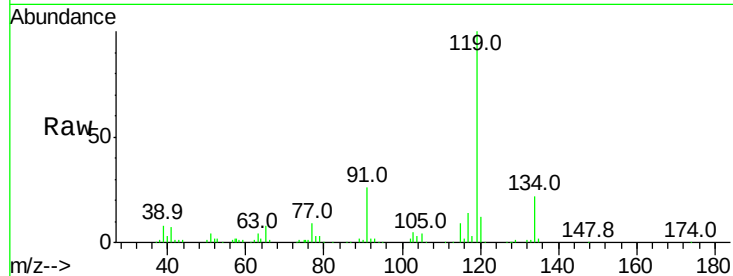


#69
 p-Isopropyltoluene
 Concen: 0.51 ppbv
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 8 Mar 2022 13:03

Tgt Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 29.

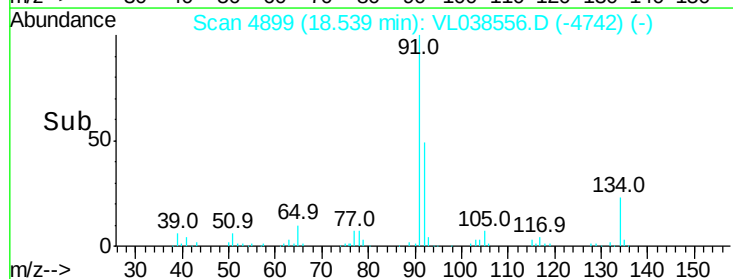
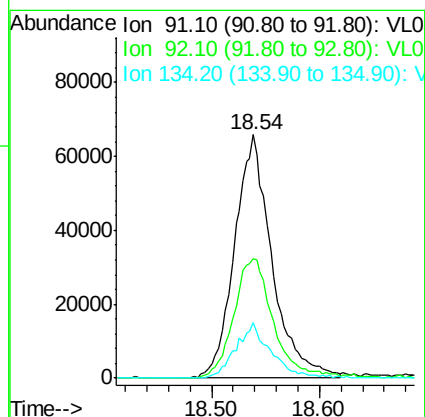
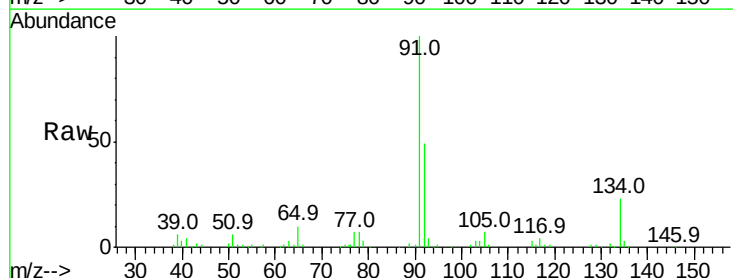
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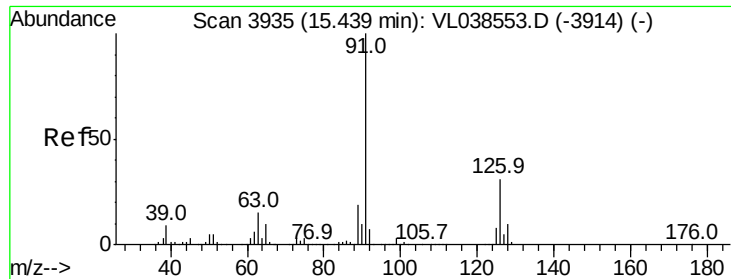
Reviewed By :Semsettin Yesilyurt 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#70
 n-Butylbenzene
 Concen: 0.52 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T. 0.00 min
 Lab File: VL038556.D
 Acq: 8 Mar 2022 13:03

Tgt Ion: 91 Resp: 158956
 Ion Ratio Lower Upper
 91 100
 92 52.7 43.8 65.8
 134 21.3 18.7 28.1



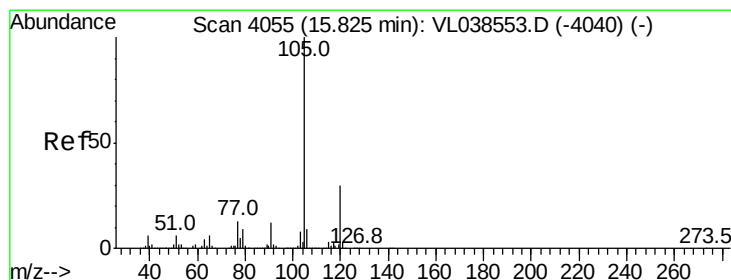
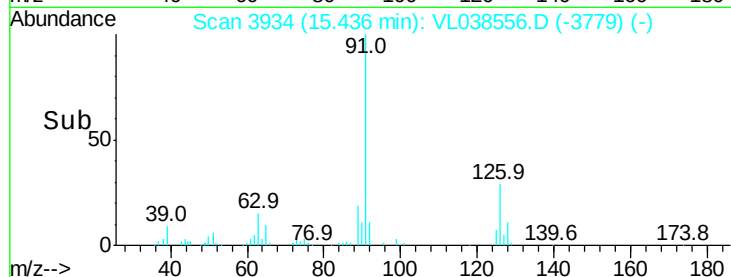
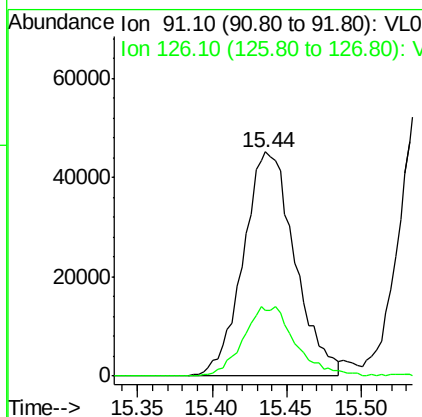
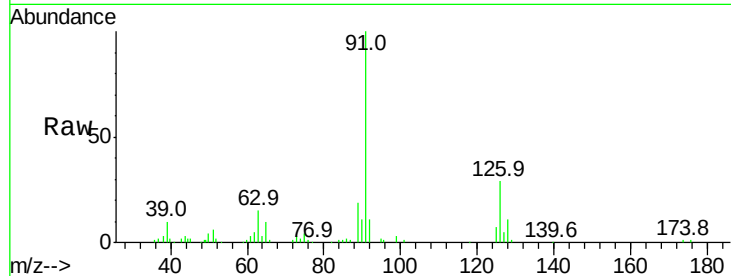


#71
 2-Chlorotoluene
 Concen: 0.46 ppbv
 RT: 15.44
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 13:03

Tgt Ion:
 Ion Ratio
 91 100
 126 31.

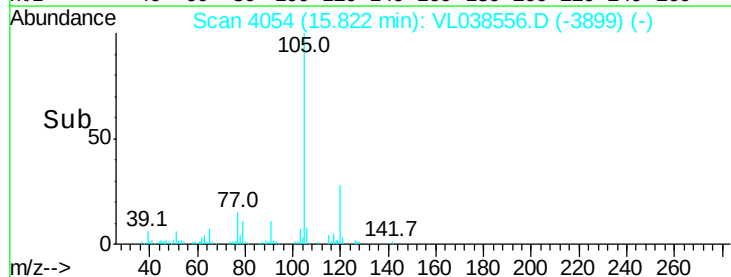
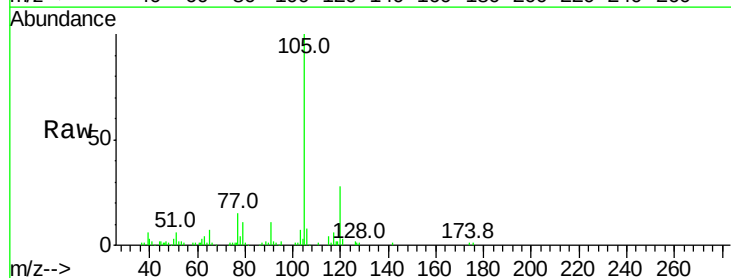
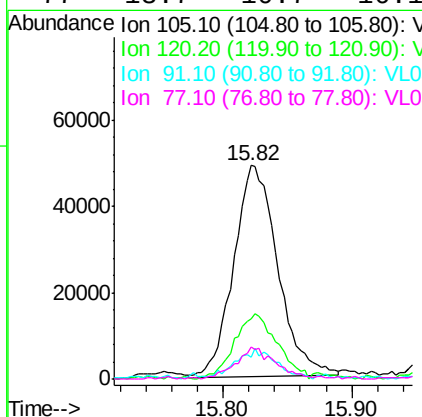
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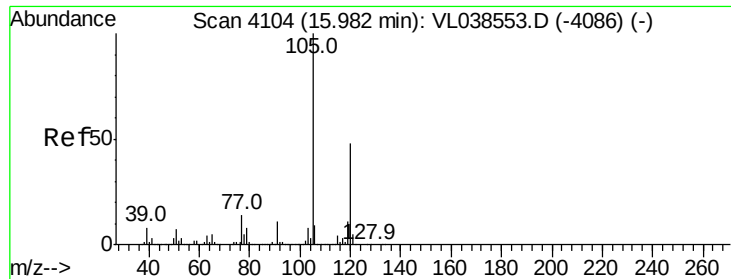
Reviewed By :Semsettin Yesilyurt 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#72
 4-Ethyltoluene
 Concen: 0.46 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.00 min
 Lab File: VL038556.D
 Acq: 8 Mar 2022 13:03

Tgt Ion:105 Resp: 116477
 Ion Ratio Lower Upper
 105 100
 120 31.6 25.0 37.4
 91 14.0 9.8 14.6
 77 13.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.51 ppbv m

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 13:03

Tgt Ion:1

Ion Rati

105 100

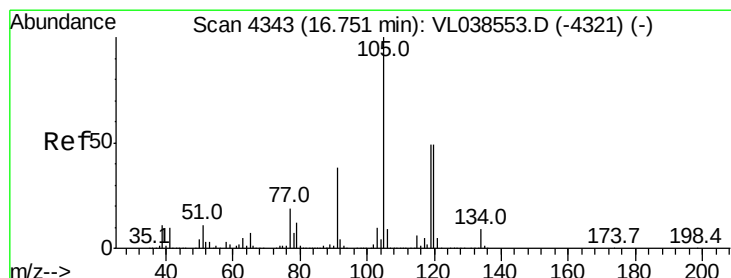
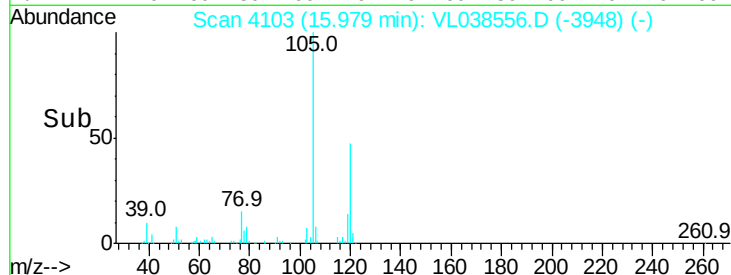
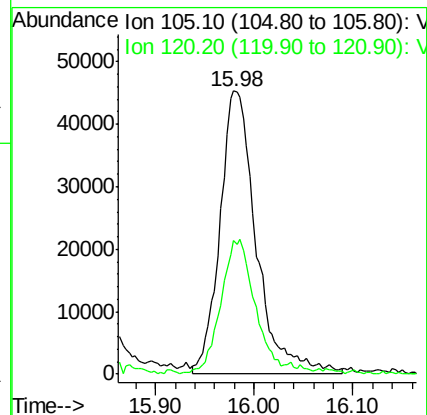
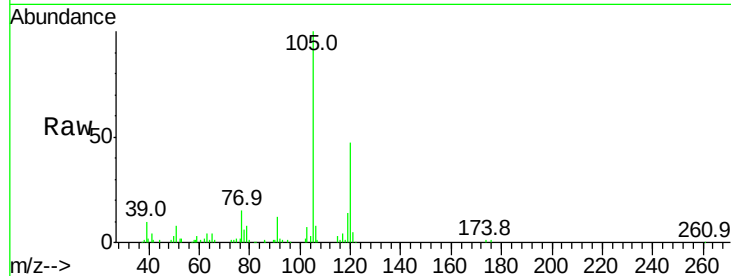
120 47.

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Reviewed By :Semsettin Yesilyurt 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.51 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.01 min

Lab File: VL038556.D

Acq: 8 Mar 2022 13:03

Tgt Ion:105 Resp: 122383

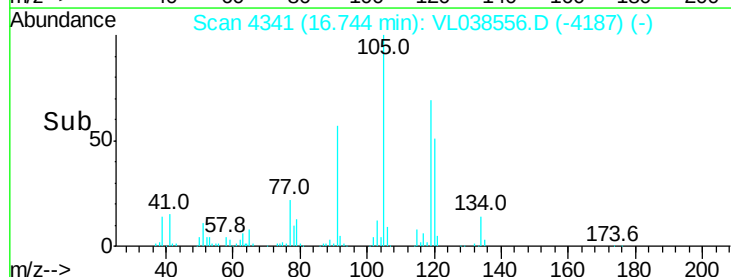
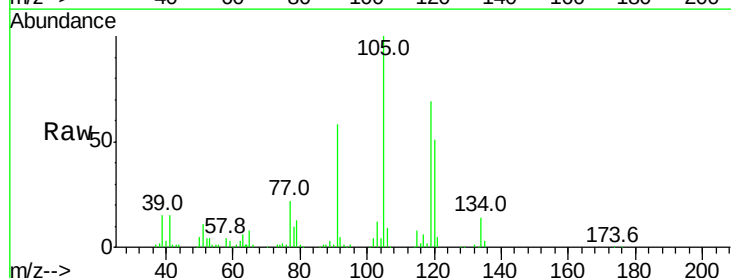
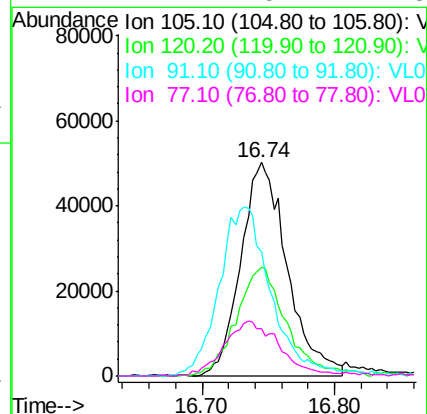
Ion Ratio Lower Upper

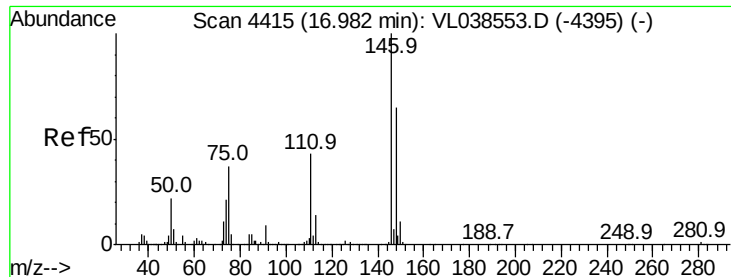
105 100

120 49.9 38.9 58.3

91 55.4 30.6 46.0#

77 21.2 15.2 22.8



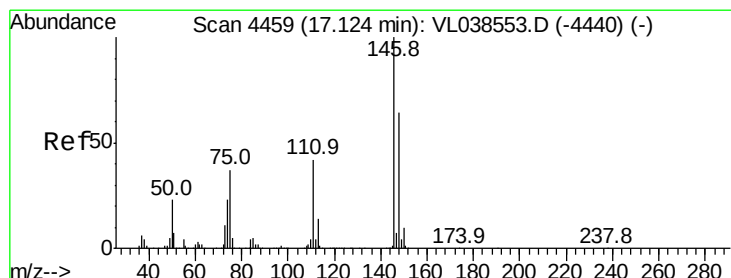
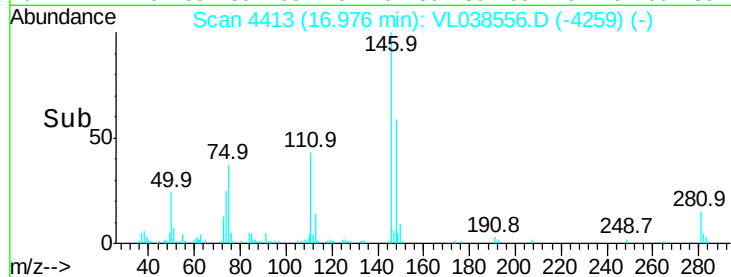
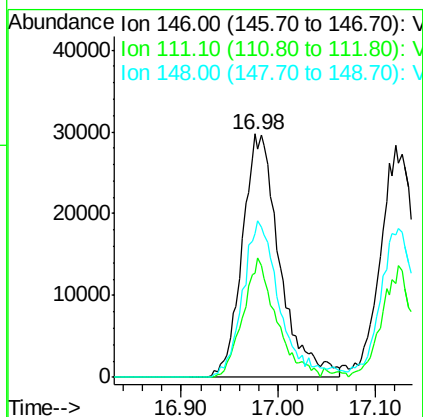
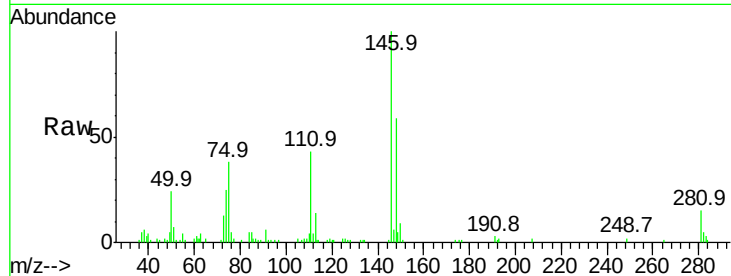


#75
 1,3-Dichlorobenzene
 Concen: 0.59 ppbv m
 RT: 16.98 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled:
 VSTDIC0.5
 Acq: 8 Mar 2022 13:03

Tgt Ion:1
 Ion Rati
 146 100
 111 0.
 148 0.

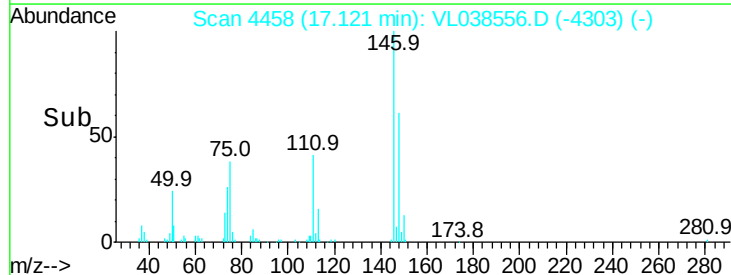
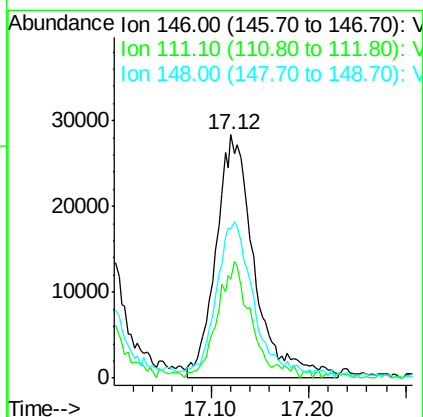
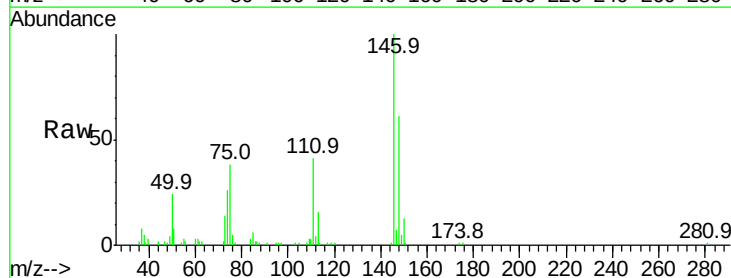
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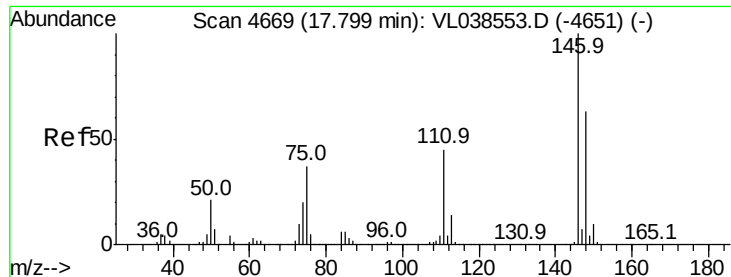
Reviewed By :Semsettin Yesilyurt 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#76
 1,4-Dichlorobenzene
 Concen: 0.59 ppbv m
 RT: 17.12 min Scan# 4458
 Delta R.T. -0.00 min
 Lab File: VL038556.D
 Acq: 8 Mar 2022 13:03

Tgt Ion:146 Resp: 77944
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.8 65.3#
 148 0.0 32.8 98.4#





#77

1,2-Dichlorobenzene

Concen: 0.63 ppbv m

RT: 17.81

Delta R.T. MSVOA_L

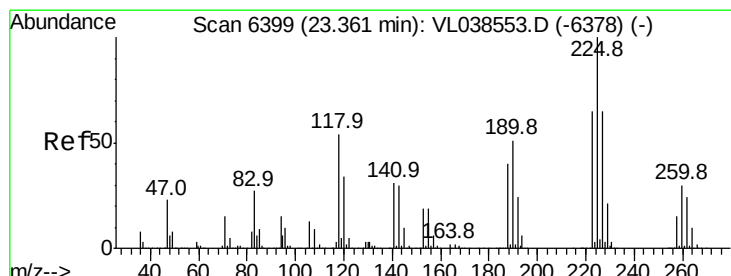
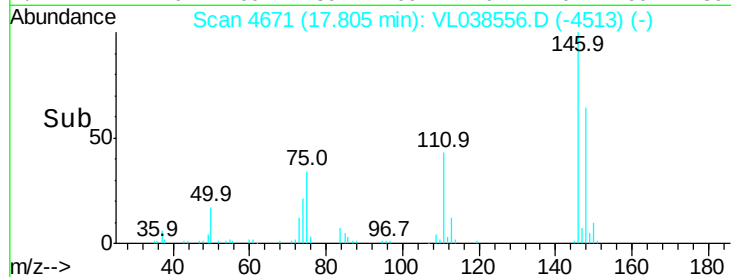
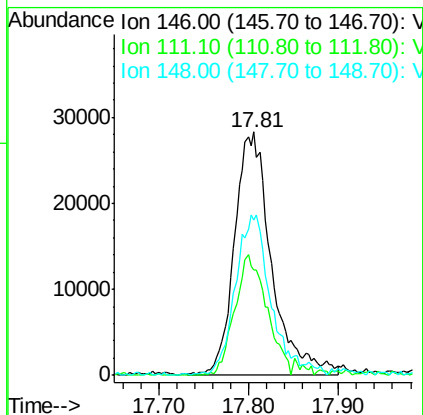
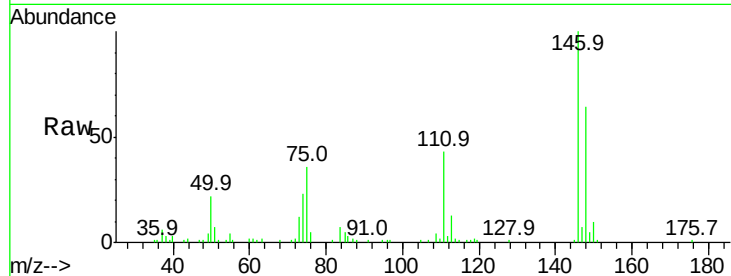
Lab File: ClientSampleId :

Acq: 8 Mar 2022 13:03

Tgt Ion:1
Ion Rati
146 100
111 44.
148 0.

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Reviewed By :Semsettin Yesilyurt 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.86 ppbv

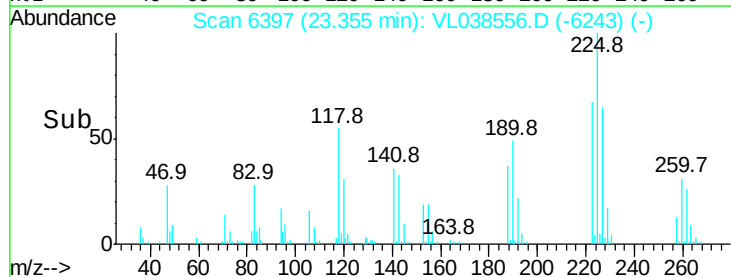
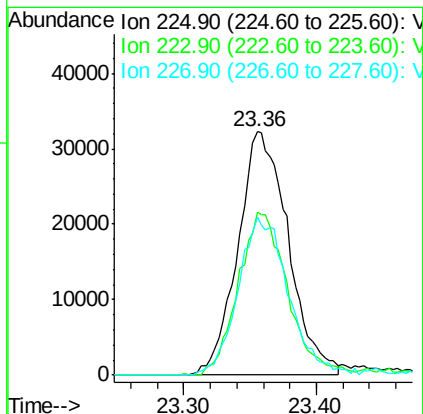
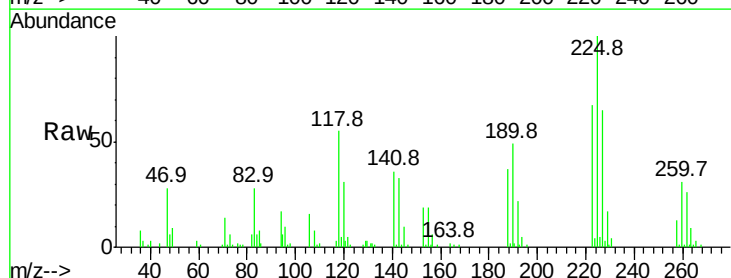
RT: 23.36 min Scan# 6397

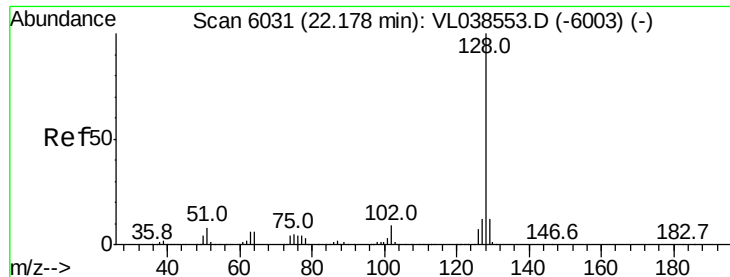
Delta R.T. -0.01 min

Lab File: VL038556.D

Acq: 8 Mar 2022 13:03

Tgt Ion:225 Resp: 85258
Ion Ratio Lower Upper
225 100
223 66.2 51.4 77.0
227 64.5 51.9 77.9



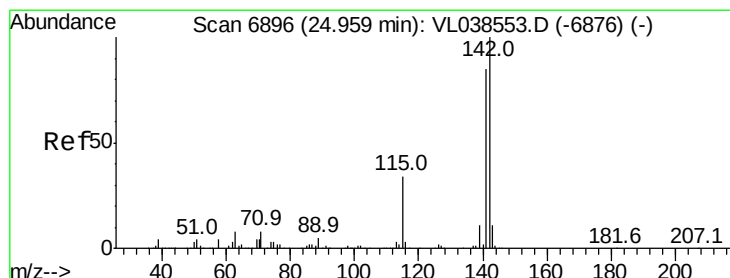
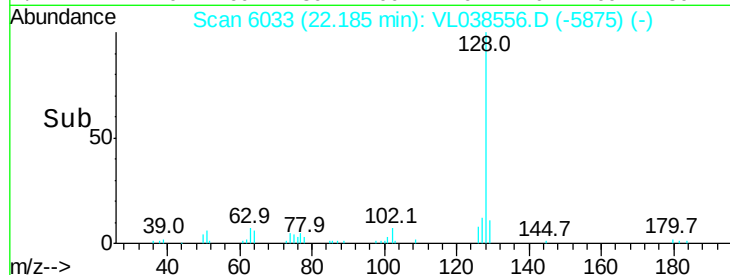
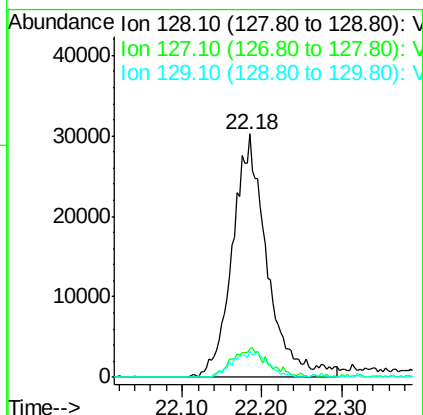
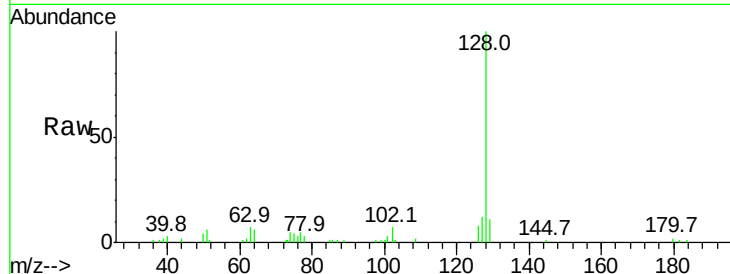


#79
Naphthalene
Concen: 0.70 ppbv m
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 13:03

Tgt Ion:1
Ion Ratio
128 100
127 12.
129 10.

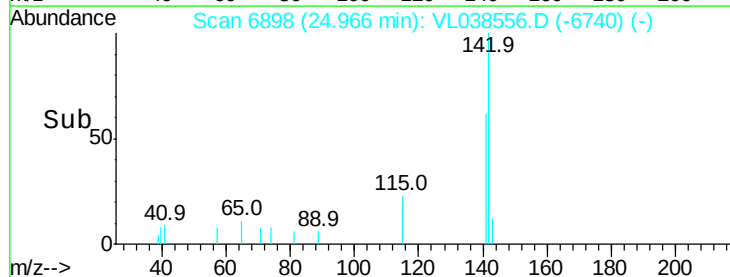
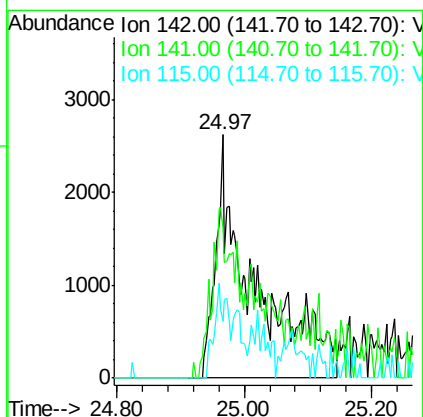
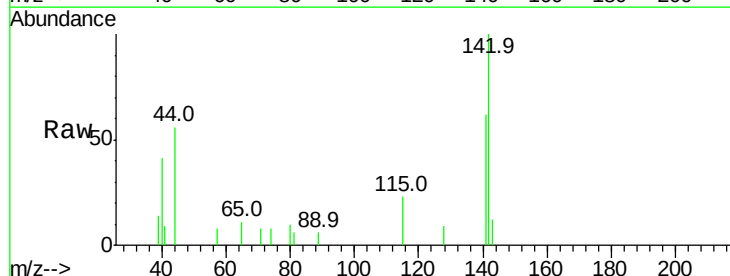
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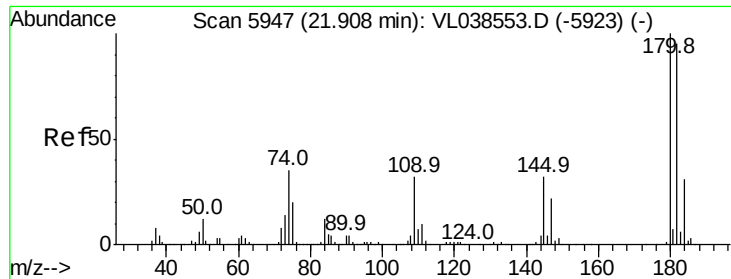
Reviewed By :Semsettin Yesilyurt 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#80
Naphthalene, 2-methyl-
Concen: 0.42 ppbv m
RT: 24.97 min Scan# 6898
Delta R.T. 0.01 min
Lab File: VL038556.D
Acq: 8 Mar 2022 13:03

Tgt Ion:142 Resp: 10780
Ion Ratio Lower Upper
142 100
141 50.7 68.4 102.6#
115 20.6 27.9 41.9#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.79 ppbv m
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 8 Mar 2022 15:05

Tgt Ion:1
 Ion Rati
 180 100
 182 98.
 184 28.

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Reviewed By :Semsettin Yesilyurt 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022

