

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038746.D
 Acq On : 24 Mar 2022 11:27
 Operator : SY/AP
 Sample : VL0323ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 01:48:19 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	5.67	49	890149	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	2507613	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	2218029m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1730325	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	1291563	10.79	ppbv	98
3) Chlorodifluoromethane	3.00	51	997948	10.62	ppbv	98
4) Chloromethane	3.15	50	551729	10.69	ppbv	99
5) Vinyl Chloride	3.27	62	541891	10.33	ppbv	99
6) Bromomethane	3.48	94	302854	10.83	ppbv	98
7) Chloroethane	3.56	64	181667	10.46	ppbv	94
8) Dichlorotetrafluoroethane	3.20	85	1261054	10.56	ppbv	94
9) Propene	3.02	41	498934	10.99	ppbv	98
10) Heptane	8.12	43	1160798	10.70	ppbv	99
11) Trichlorofluoromethane	3.95	101	1091236	10.33	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	858800	10.56	ppbv	97
13) Ethanol	3.61	45	32911	6.57	ppbv	79
14) Bromoethene	3.74	108	402613	11.14	ppbv	98
15) Acetone	3.85	43	785812	10.23	ppbv	97
16) 1,3-Butadiene	3.33	39	476173	10.92	ppbv	100
17) tert-Butyl alcohol	4.29	59	810278	12.08	ppbv	100
18) 1,1-Dichloroethene	4.29	96	393883	10.78	ppbv	98
19) Isopropyl Alcohol	3.97	45	455730	10.70	ppbv #	1
20) Methylene Chloride	4.35	84	319690	9.88	ppbv	97
21) Allyl Chloride	4.42	41	610796	11.05	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	421560	11.13	ppbv	99
23) Vinyl Acetate	5.08	43	877699	11.80	ppbv	99
24) 1,1-Dichloroethane	5.01	63	781088	10.66	ppbv	99
25) Ethyl Acetate	5.68	43	2013901	10.42	ppbv	99
26) Hexane	5.69	57	910224	10.52	ppbv	97
27) Carbon Disulfide	4.56	76	978208	11.52	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	773102	11.99	ppbv	99
29) Chloroform	5.75	83	1423753	10.27	ppbv	99
30) Cyclohexane	7.13	84	801813	10.65	ppbv	97
31) cis-1,2-Dichloroethene	5.55	61	882077	10.84	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	1427362	10.67	ppbv	99
34) 2-Butanone	5.24	43	895711	9.02	ppbv	98
35) Carbon Tetrachloride	7.02	117	1473807	10.13	ppbv	98
36) Benzene	6.89	78	1959203	10.12	ppbv	99
37) 1,2-Dichloroethane	6.31	62	986107	10.02	ppbv	99
38) Trichloroethene	7.84	130	853236	10.52	ppbv	96
39) 1,2-Dichloropropane	7.61	63	743533	9.83	ppbv	97
40) 1,4-Dioxane	7.83	88	256856	9.78	ppbv #	1
41) Tetrahydrofuran	6.05	42	753316	10.20	ppbv	98
42) Bromodichloromethane	7.79	83	1513946	10.26	ppbv	99
43) Methyl Methacrylate	8.01	69	786032	10.94	ppbv	98

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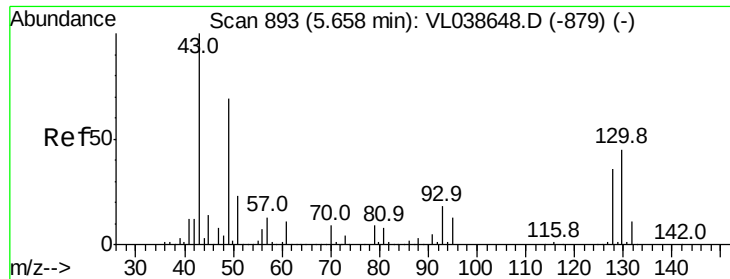
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 25 01:48:19 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	7.87	57	3139618	9.66	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	890616	12.19	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1108648	11.22	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	790743	9.79	ppbv	98
48) Dibromochloromethane	10.30	129	1353891	10.70	ppbv	99
49) Bromoform	13.04	173	1100875	10.68	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	1882513	10.20	ppbv	99
51) 2-Hexanone	10.13	43	1458749	11.01	ppbv #	99
52) Tetrachloroethene	11.22	164	736377	10.40	ppbv	96
53) Toluene	9.81	91	2217343	10.66	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1157300	10.49	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.12	131	940271	10.23	ppbv	96
57) Chlorobenzene	12.15	112	1612519	10.08	ppbv	97
58) Ethyl Benzene	12.71	91	2793857	10.77	ppbv	99
59) m/p-Xylene	13.00	91	4672521m	20.60	ppbv	
60) o-Xylene	13.69	91	2192331	10.18	ppbv	98
61) Styrene	13.53	104	1378235	11.80	ppbv	99
62) Isopropylbenzene	14.67	105	3295629	10.18	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	1436896	8.61	ppbv	100
64) n-propylbenzene	15.56	120	893572	10.52	ppbv	97
65) tert-Butylbenzene	16.74	119	2916651	10.03	ppbv	99
66) Benzyl Chloride	16.99	91	710996	12.91	ppbv	99
67) sec-Butylbenzene	17.29	105	4130631	9.93	ppbv	99
69) p-Isopropyltoluene	17.65	119	3478082	10.24	ppbv	99
70) n-Butylbenzene	18.55	91	3548950	10.13	ppbv	100
71) 2-Chlorotoluene	15.45	91	2412301	10.04	ppbv	99
72) 4-Ethyltoluene	15.84	105	2731072	10.74	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	2369144	10.23	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	2514677	9.97	ppbv	97
75) 1,3-Dichlorobenzene	16.99	146	1608816	10.01	ppbv	98
76) 1,4-Dichlorobenzene	17.14	146	1553922	9.72	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	1596372	10.03	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1429082	9.71	ppbv	100
79) Naphthalene	22.19	128	2665573	13.83	ppbv	99
80) Naphthalene,2-methyl-	24.97	142	589444	11.40	ppbv	100
81) 1,2,4-Trichlorobenzene	21.92	180	1524910	11.55	ppbv	99

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

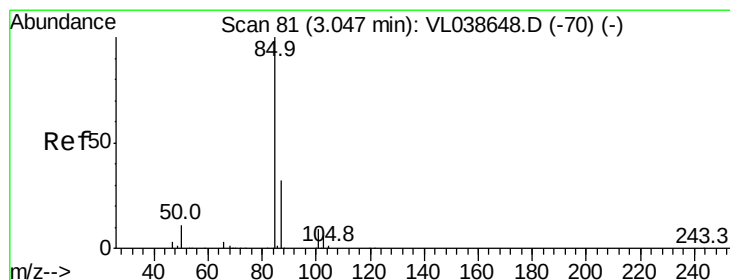
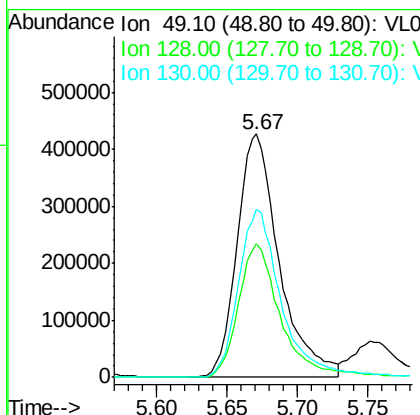
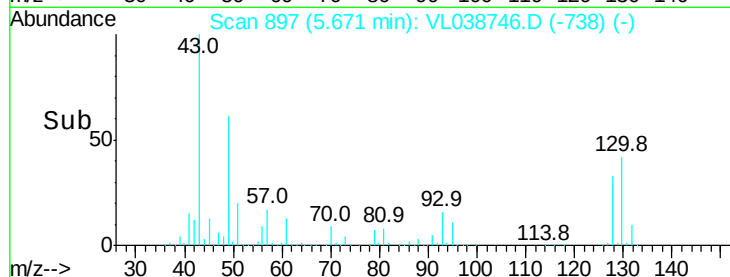
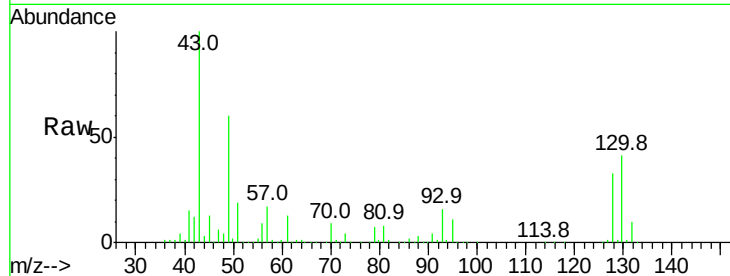


#1
 Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.67
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 24 Mar 2022 11:27

Tgt Ion:
 Ion Ratio
 49 100
 128 55.
 130 71.

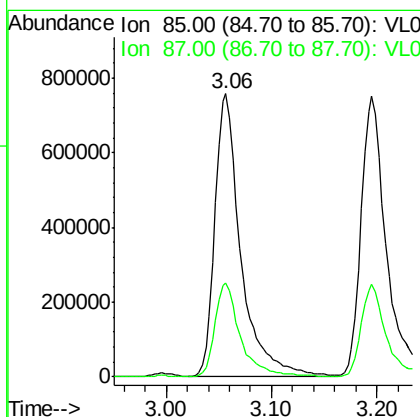
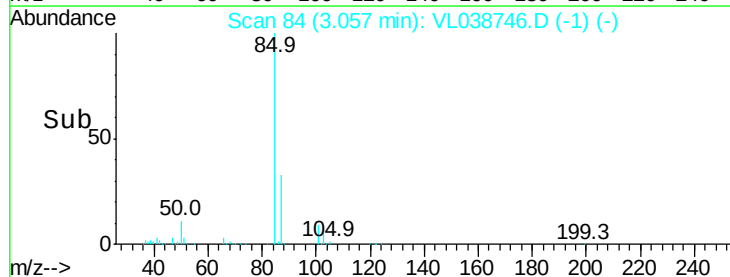
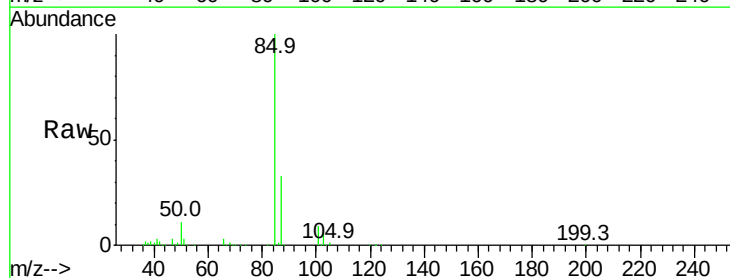
Manual Integrations
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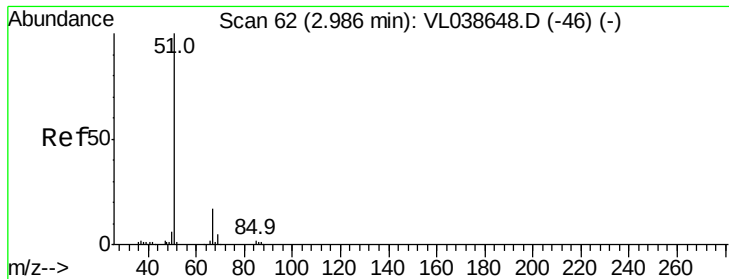
Reviewed By :Semsettin Yesilyurt 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#2
 Dichlorodifluoromethane
 Concen: 10.79 ppbv
 RT: 3.06 min Scan# 84
 Delta R.T. 0.01 min
 Lab File: VL038746.D
 Acq: 24 Mar 2022 11:27

Tgt Ion: 85 Resp: 1291563
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.0 39.0





#3

Chlorodifluoromethane

Concen: 10.62 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 11:27

Tgt Ion:

Ion Ratio

51 100

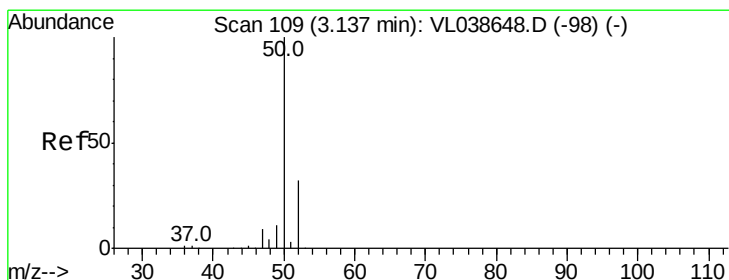
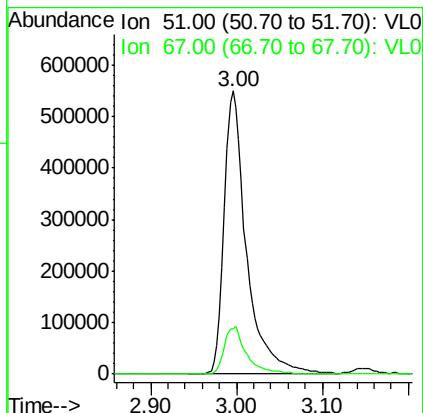
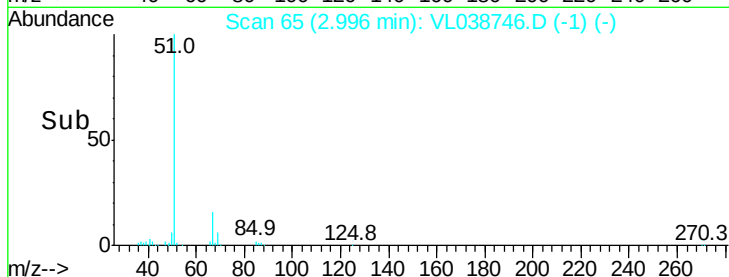
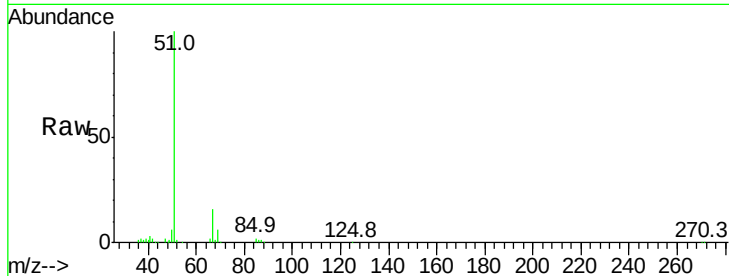
67 16.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#4

Chloromethane

Concen: 10.69 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.01 min

Lab File: VL038746.D

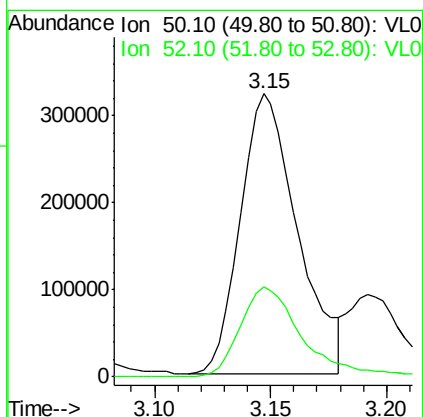
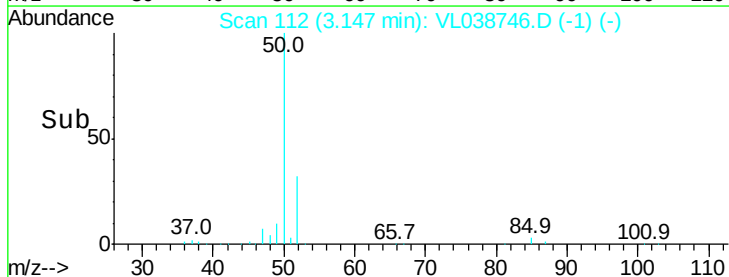
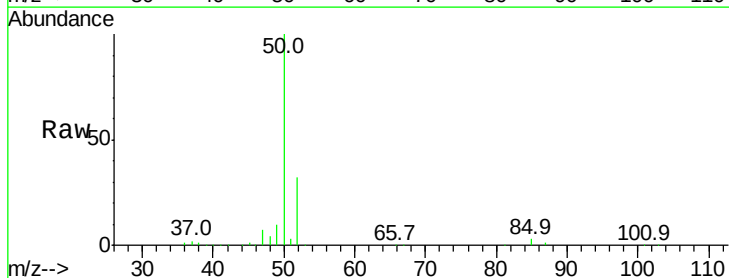
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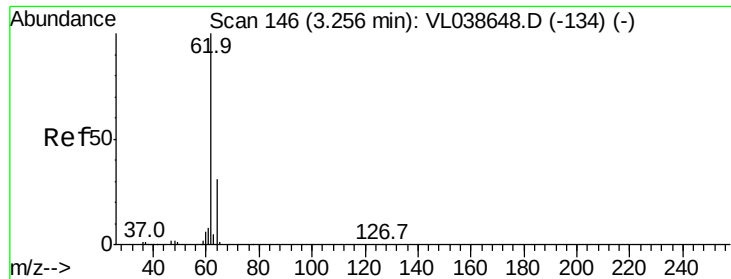
Tgt Ion: 50 Resp: 551729

Ion Ratio Lower Upper

50 100

52 32.2 25.5 38.3





#5

Vinyl Chloride

Concen: 10.33 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 11:27

Tgt Ion:

Ion Ratio

62 100

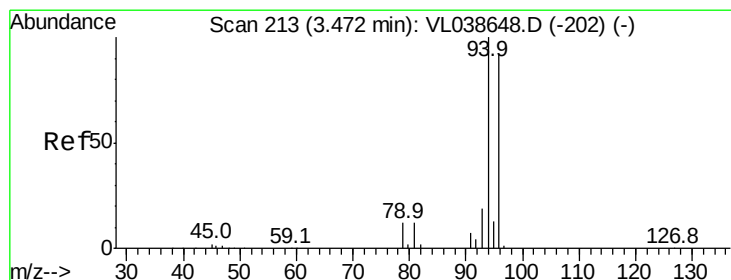
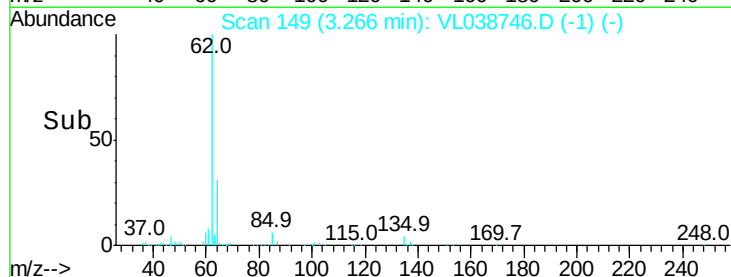
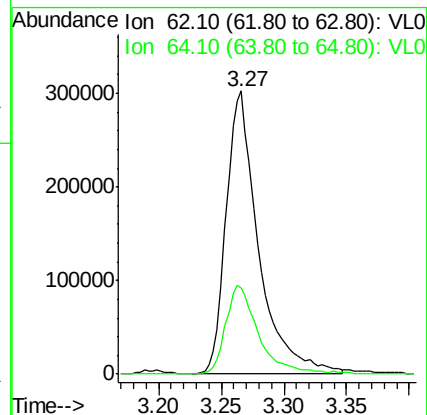
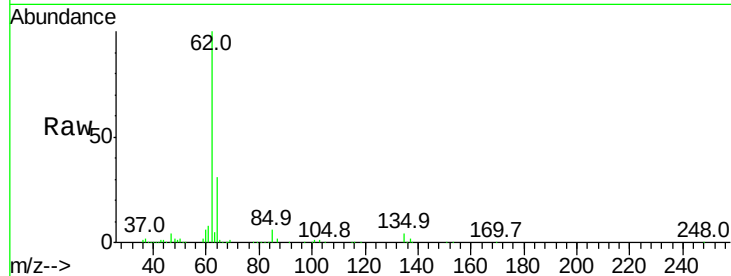
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#6

Bromomethane

Concen: 10.83 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL038746.D

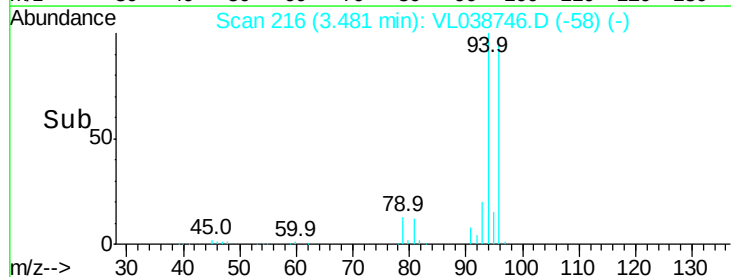
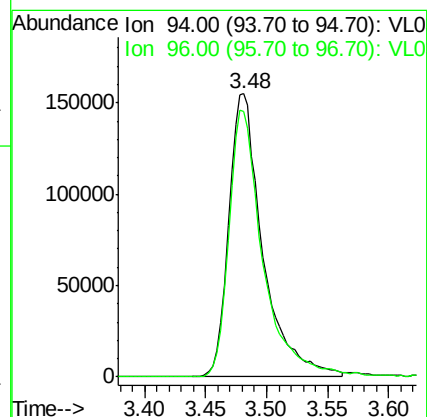
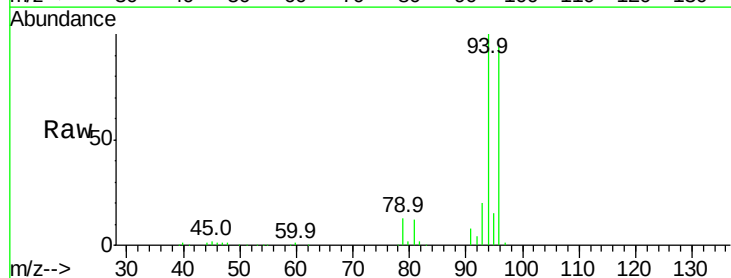
Acq: 24 Mar 2022 11:27

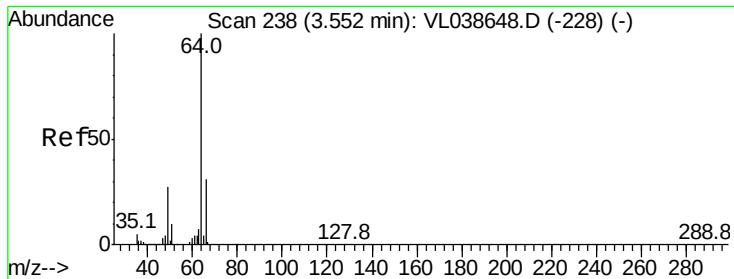
Tgt Ion: 94 Resp: 302854

Ion Ratio Lower Upper

94 100

96 93.9 73.3 109.9





#7

Chloroethane

Concen: 10.46 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 11:27

Tgt Ion:

Ion Ratio

64 100

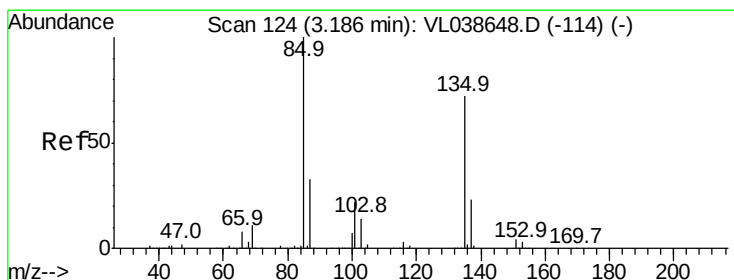
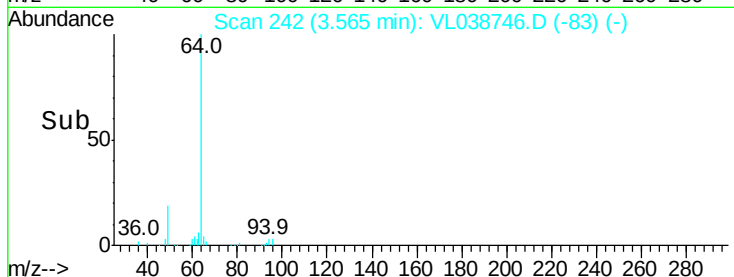
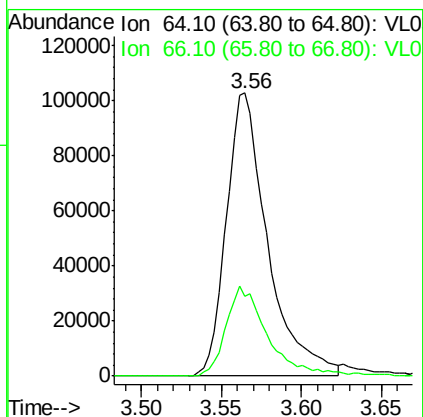
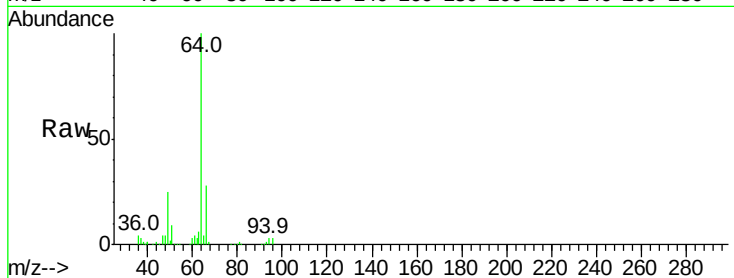
66 28.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#8

Dichlorotetrafluoroethane

Concen: 10.56 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL038746.D

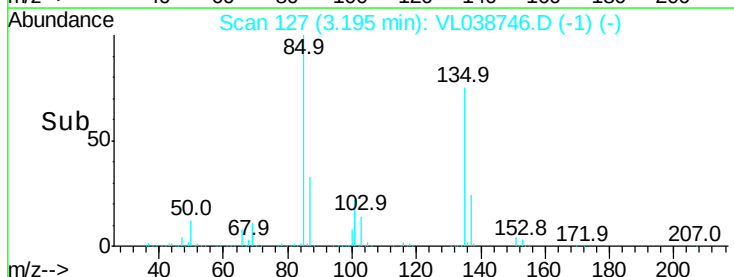
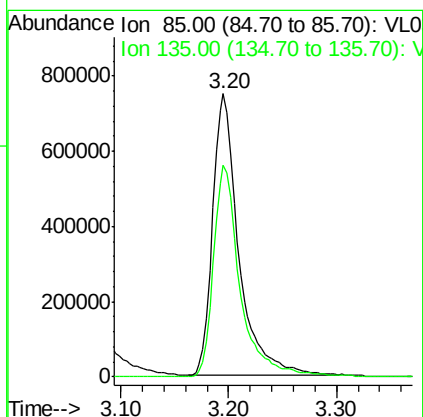
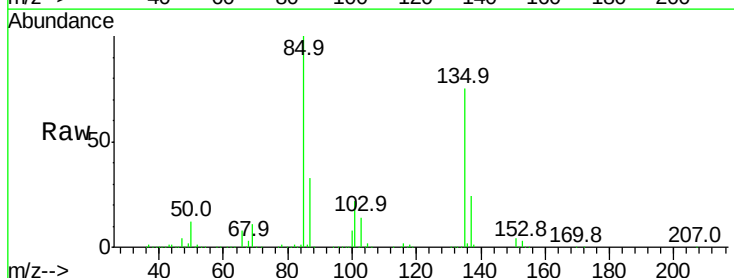
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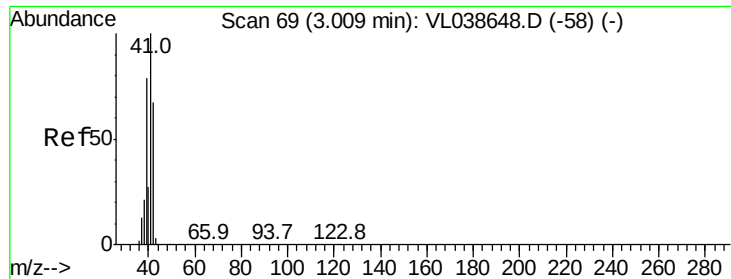
Tgt Ion: 85 Resp: 1261054

Ion Ratio Lower Upper

85 100

135 77.5 57.8 86.6



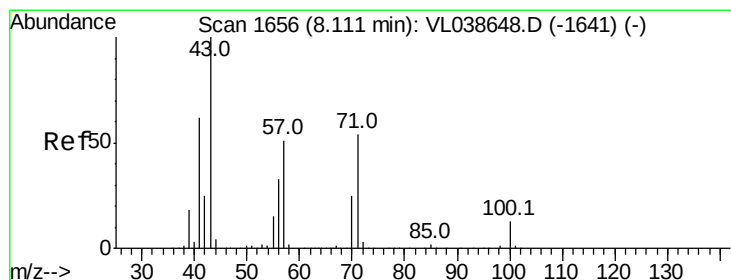
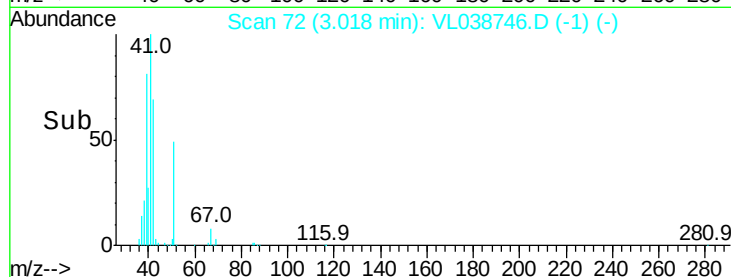
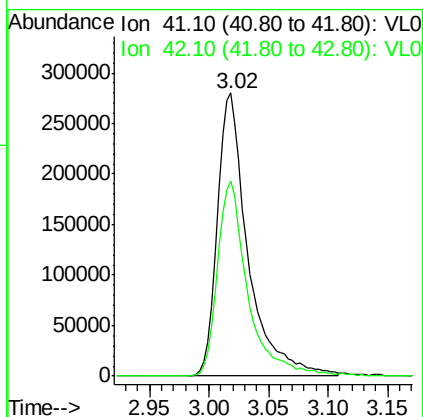
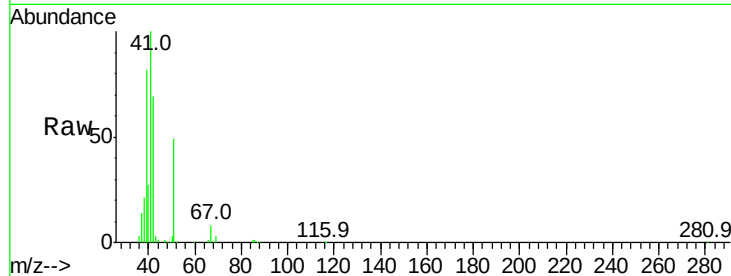


#9
 Propene
 Concen: 10.99 ppbv
 RT: 3.02
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 24 Mar 2022 11:27

Tgt Ion:
 Ion Ratio
 41 100
 42 69.

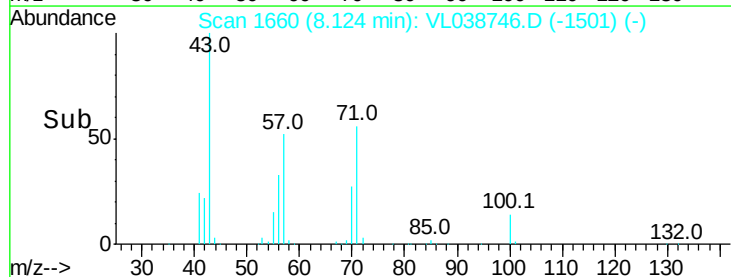
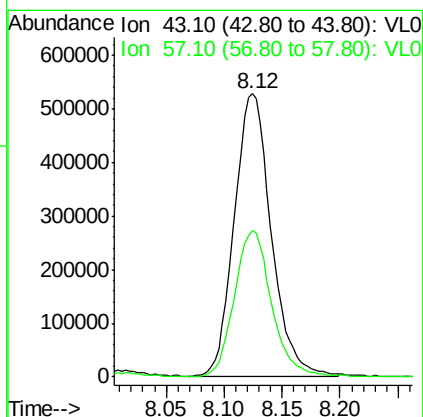
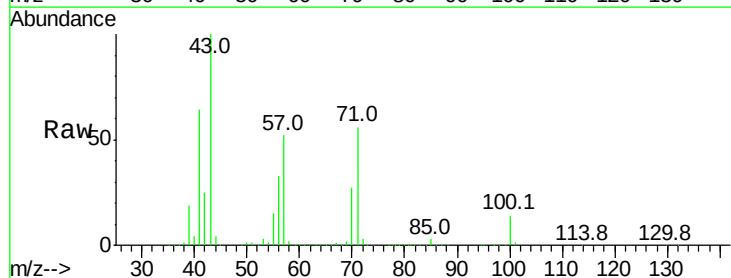
Manual Integrations
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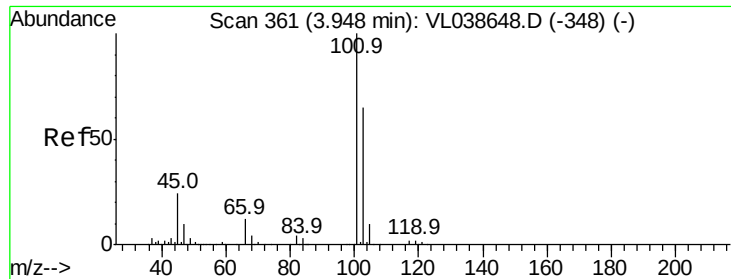
Reviewed By :Semsettin Yesilyurt 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#10
 Heptane
 Concen: 10.70 ppbv
 RT: 8.12 min Scan# 1660
 Delta R.T. 0.01 min
 Lab File: VL038746.D
 Acq: 24 Mar 2022 11:27

Tgt Ion: 43 Resp: 1160798
 Ion Ratio Lower Upper
 43 100
 57 52.2 41.4 62.2



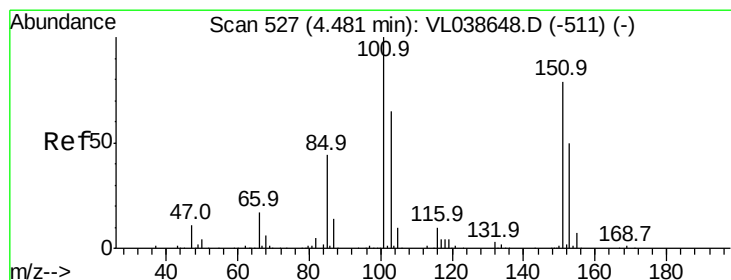
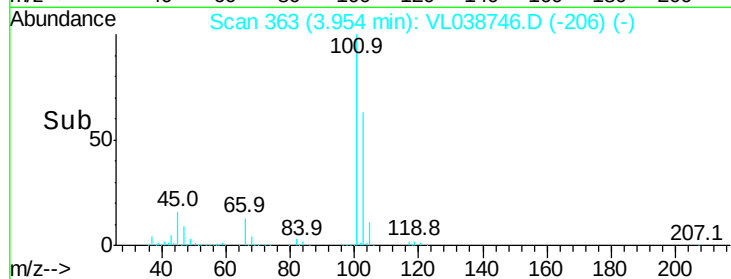
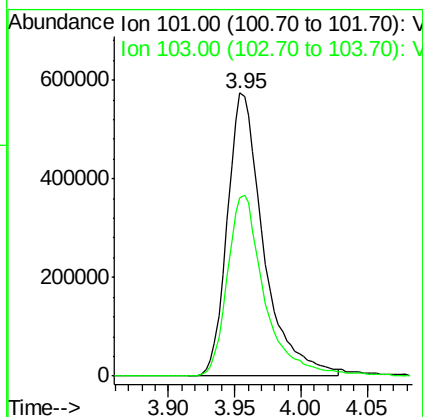
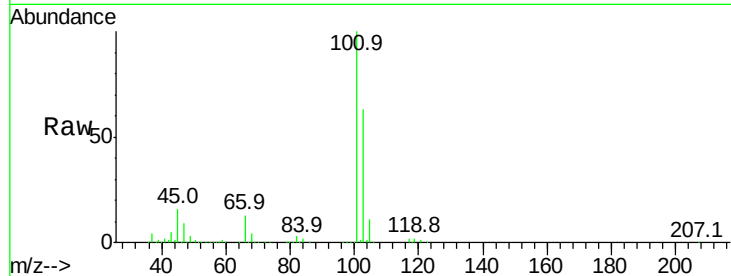


#11
 Trichlorofluoromethane
 Concen: 10.33 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 24 Mar 2022 11:27

Tgt Ion:1
 Ion Ratio
 101 100
 103 63.

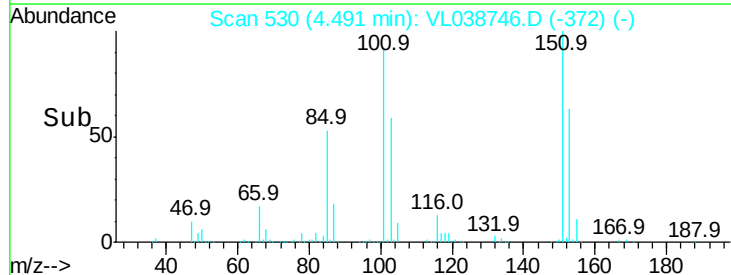
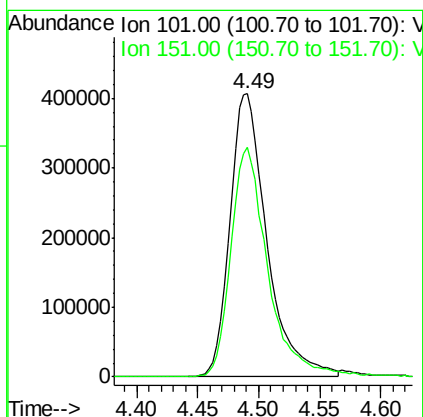
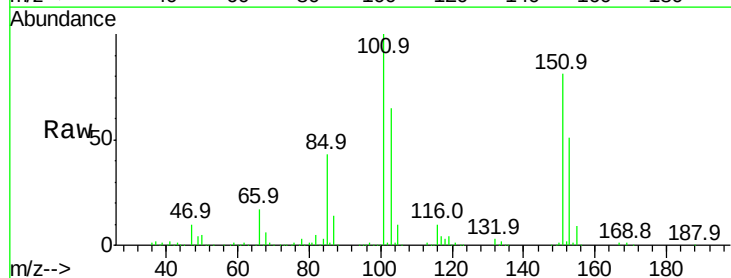
Manual Integrations
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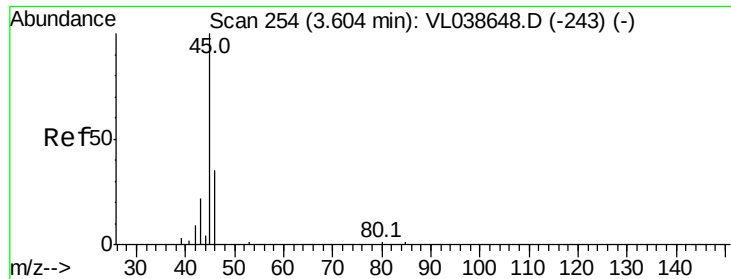
Reviewed By :Semsettin Yesilyurt 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.56 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T.: 0.01 min
 Lab File: VL038746.D
 Acq: 24 Mar 2022 11:27

Tgt Ion:101 Resp: 858800
 Ion Ratio Lower Upper
 101 100
 151 81.6 62.9 94.3



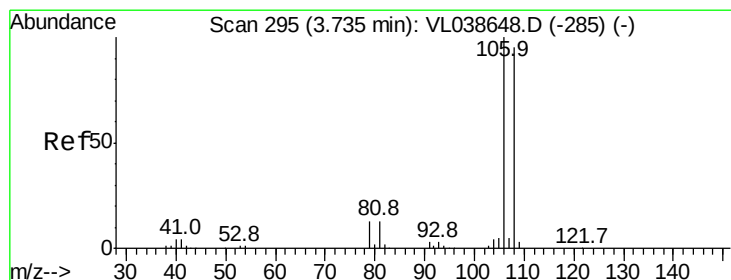
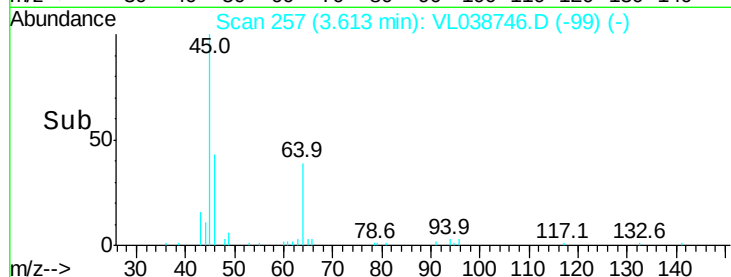
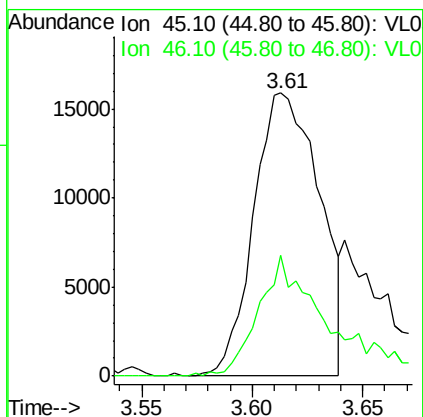
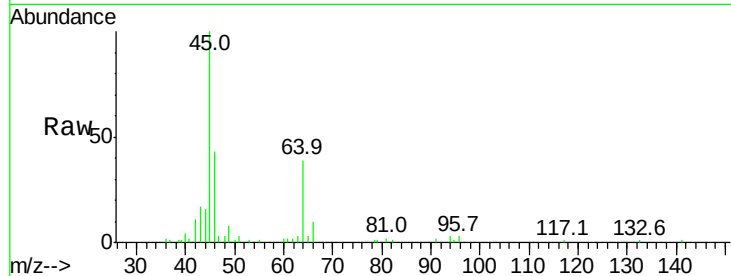


#13
Ethanol
Concen: 6.57 ppbv
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Mar 2022 11:27

Tgt Ion:
Ion Ratio
45 100
46 50.

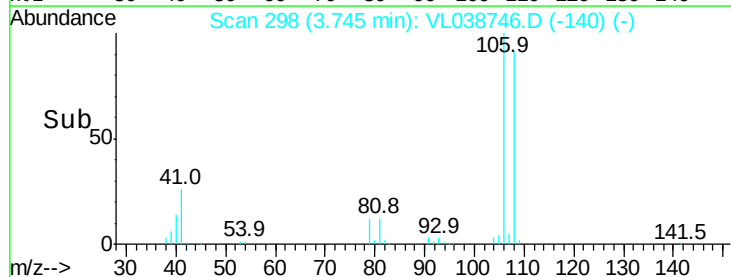
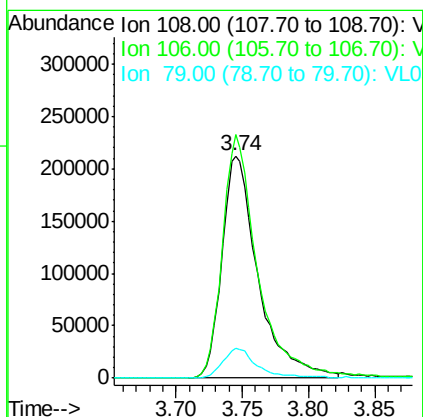
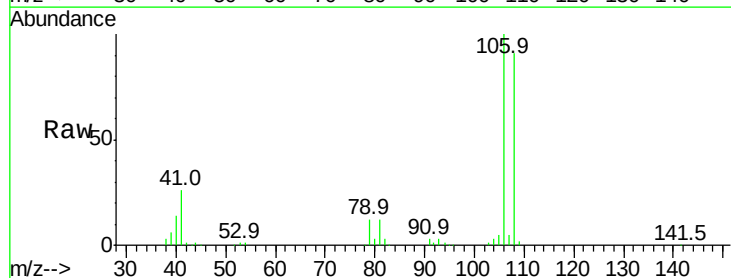
Manual Integrations
APPROVED

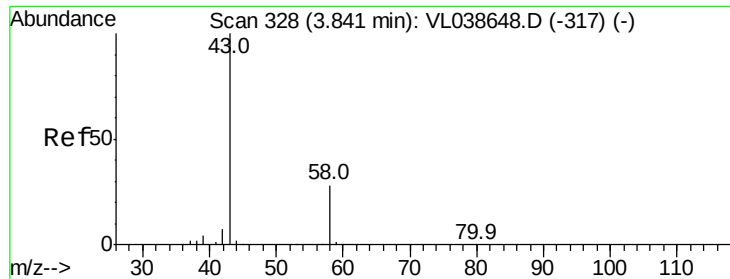
Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#14
Bromoethene
Concen: 11.14 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL038746.D
Acq: 24 Mar 2022 11:27

Tgt Ion:108 Resp: 402613
Ion Ratio Lower Upper
108 100
106 108.3 88.3 132.5
79 13.3 11.2 16.8





#15

Acetone

Concen: 10.23 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File:

Acq: 24 Mar 2022 11:27

ClientSampleId :

Tgt Ion:

Ion Ratio

43 100

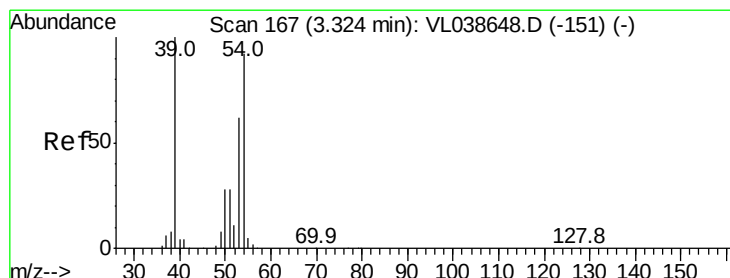
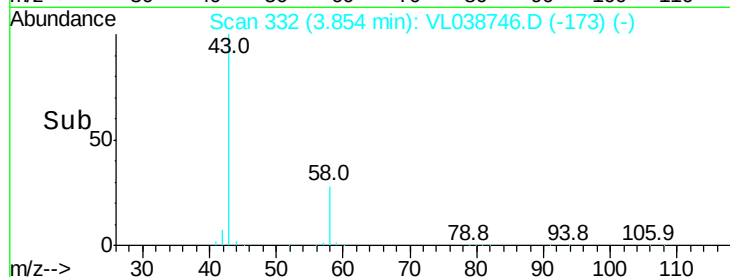
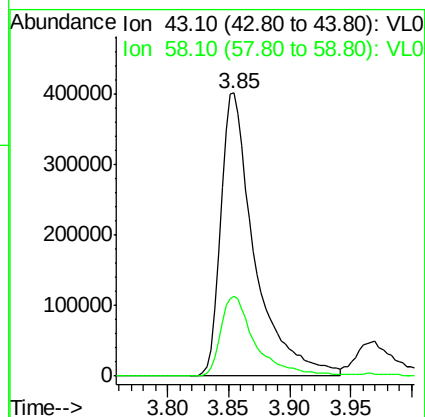
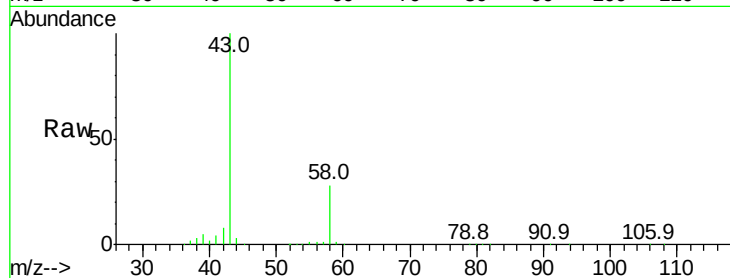
58 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#16

1,3-Butadiene

Concen: 10.92 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.01 min

Lab File: VL038746.D

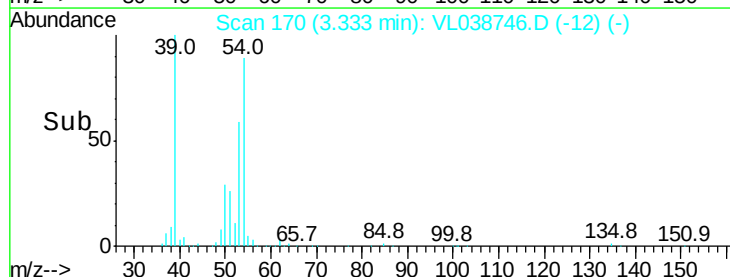
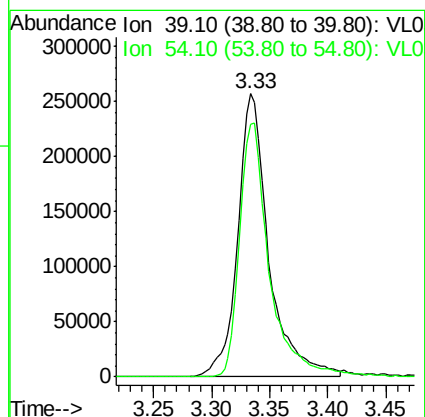
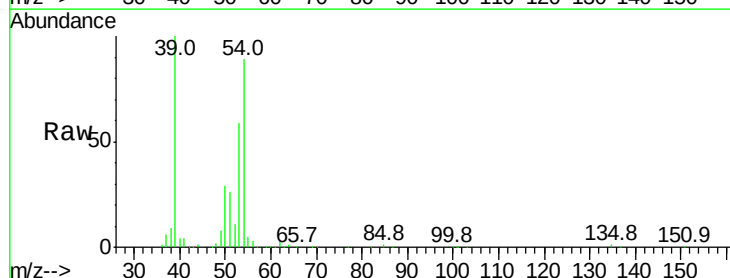
Acq: 24 Mar 2022 11:27

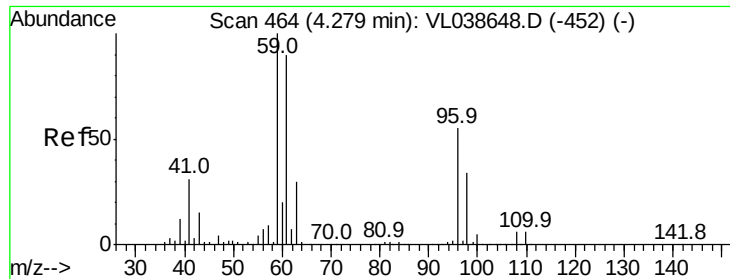
Tgt Ion: 39 Resp: 476173

Ion Ratio Lower Upper

39 100

54 86.8 69.1 103.7



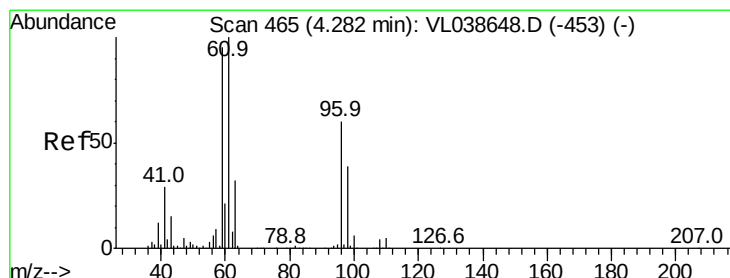
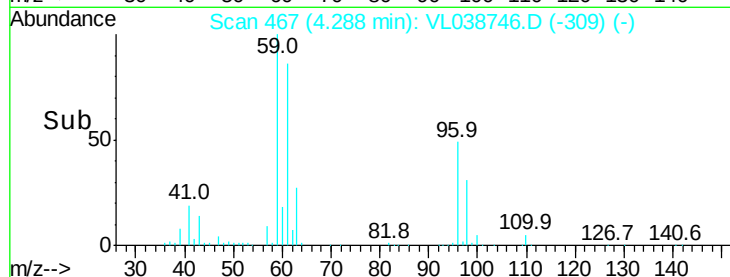
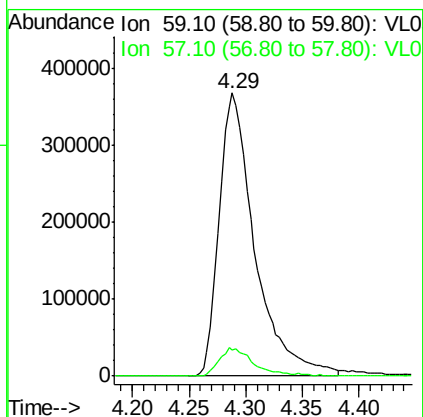
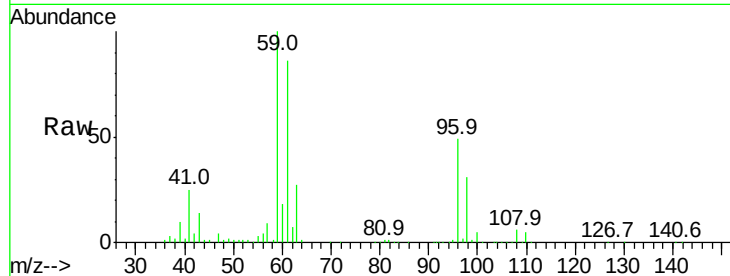


#17
 tert-Butyl alcohol
 Concen: 12.08 ppbv
 RT: 4.29 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 24 Mar 2022 11:27

Tgt Ion:
 Ion Ratio
 59 100
 57 10.

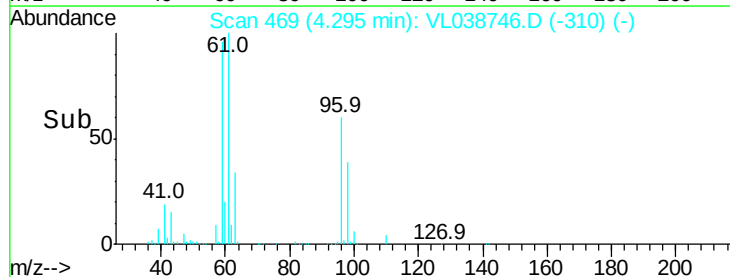
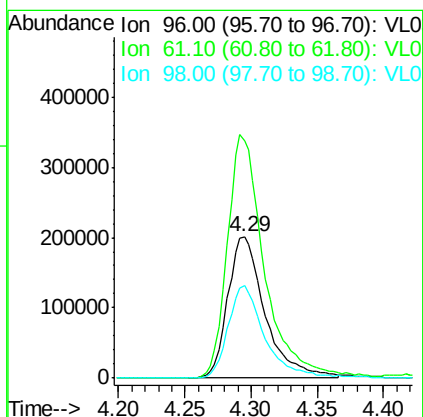
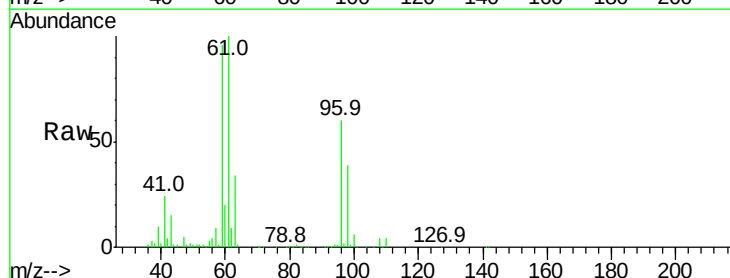
Manual Integrations
 APPROVED

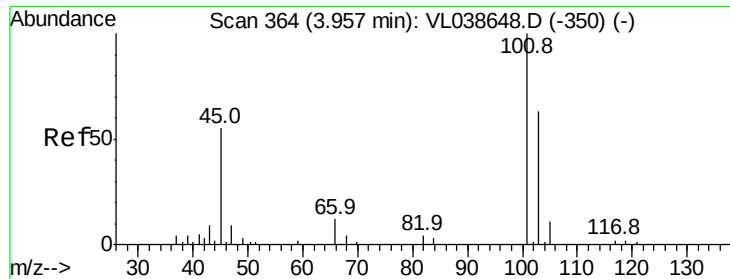
Reviewed By :Semsettin Yesilyurt 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#18
 1,1-Dichloroethene
 Concen: 10.78 ppbv
 RT: 4.29 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: VL038746.D
 Acq: 24 Mar 2022 11:27

Tgt Ion: 96 Resp: 393883
 Ion Ratio Lower Upper
 96 100
 61 167.5 132.4 198.6
 98 65.8 51.6 77.4





#19

Isopropyl Alcohol

Concen: 10.70 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Mar 2022 11:27

Tgt Ion:

Ion Ratio

45 100

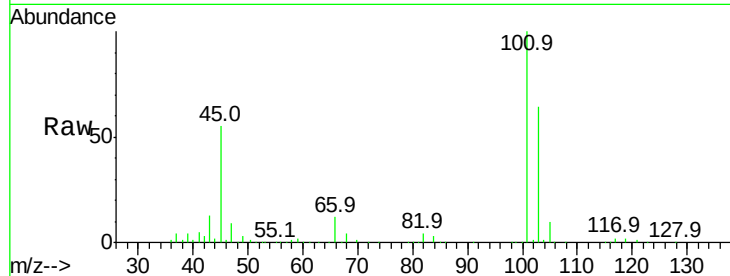
58 52.

Manual Integrations

APPROVED

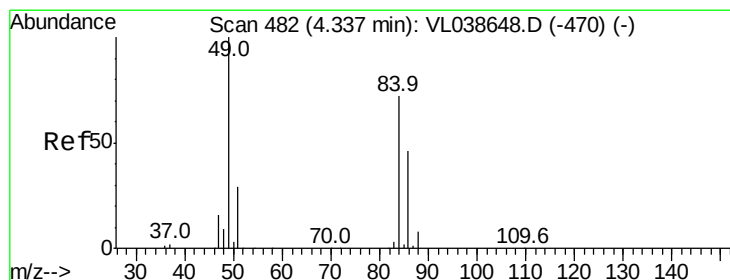
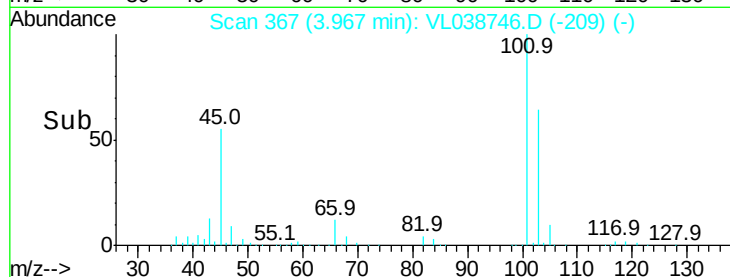
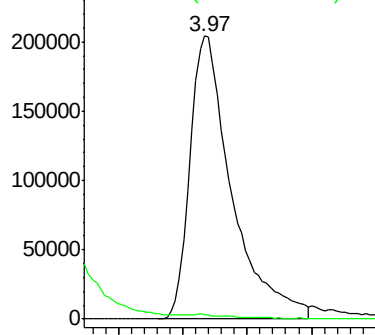
Reviewed By :Semsettin Yesilyurt 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 9.88 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.01 min

Lab File: VL038746.D

Acq: 24 Mar 2022 11:27

Tgt Ion: 84 Resp: 319690

Ion Ratio Lower Upper

84 100

49 142.2 111.2 166.8

51 43.9 32.8 49.2

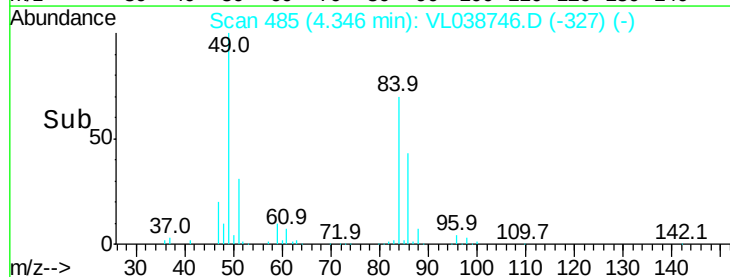
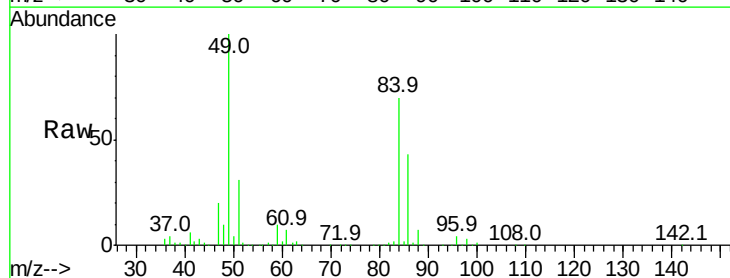
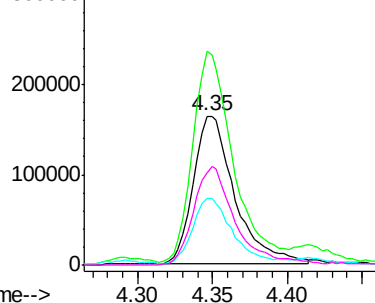
86 62.1 51.4 77.0

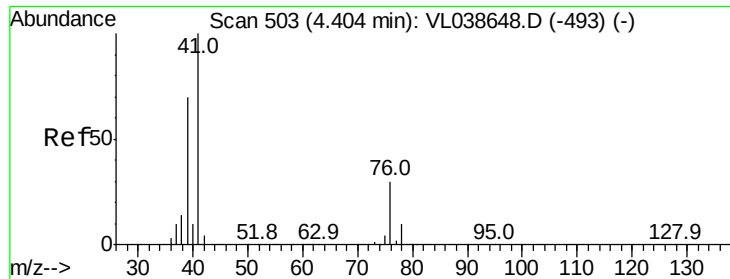
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



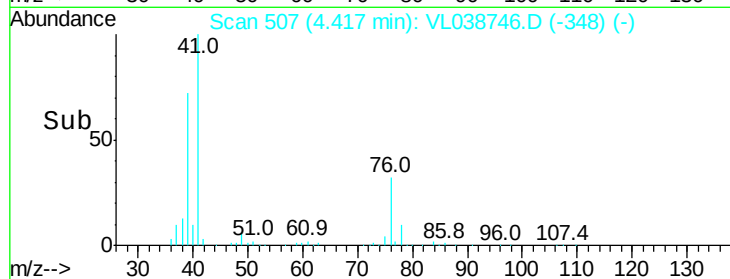
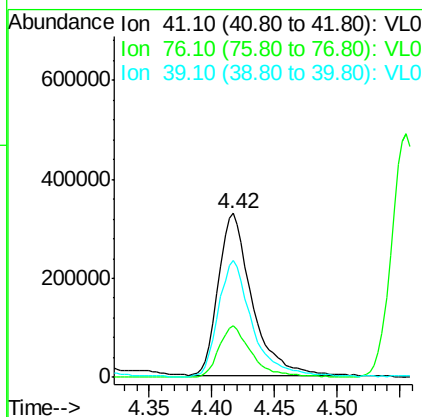
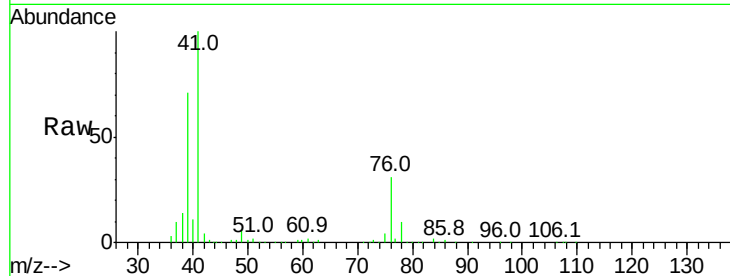


#21
 Allyl Chloride
 Concen: 11.05 ppbv
 RT: 4.42
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Mar 2022 11:27

Tgt Ion:
 Ion Ratio
 41 100
 76 31.
 39 72.

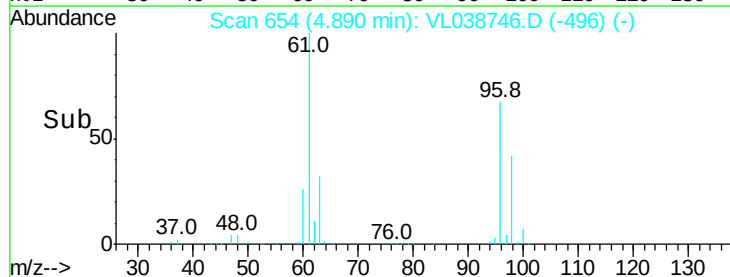
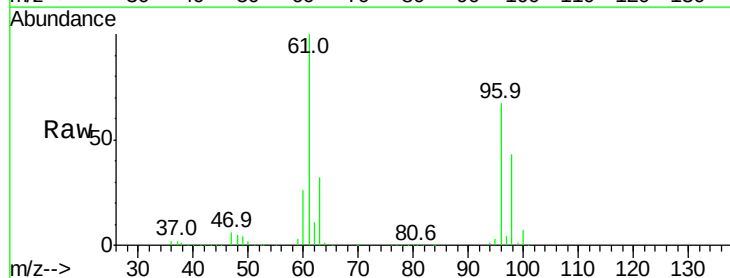
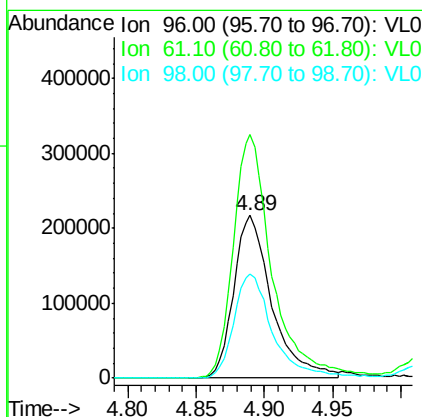
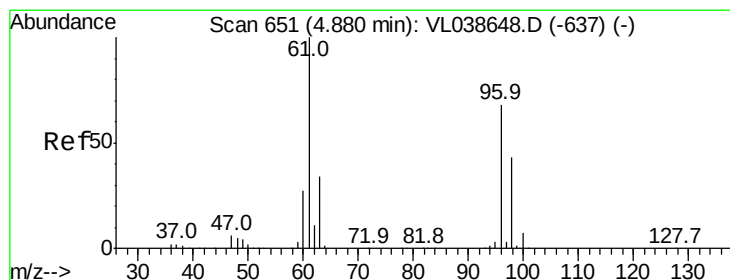
Manual Integrations
 APPROVED

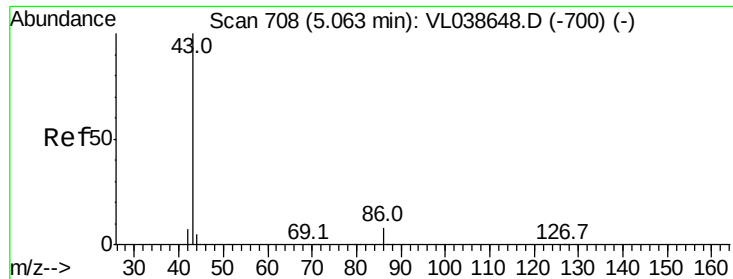
Reviewed By :Semsettin Yesilyurt 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.13 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VL038746.D
 Acq: 24 Mar 2022 11:27

Tgt Ion: 96 Resp: 421560
 Ion Ratio Lower Upper
 96 100
 61 149.6 118.3 177.5
 98 63.6 51.3 76.9



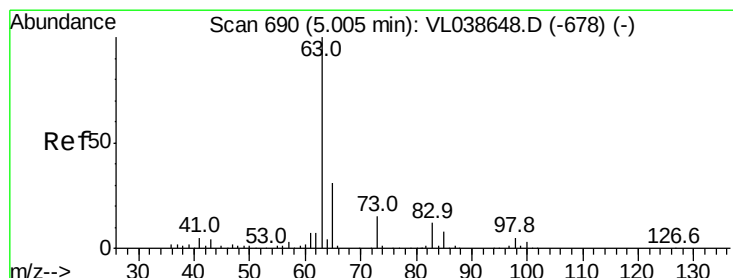
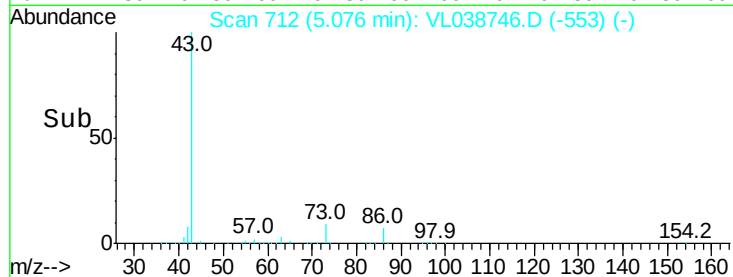
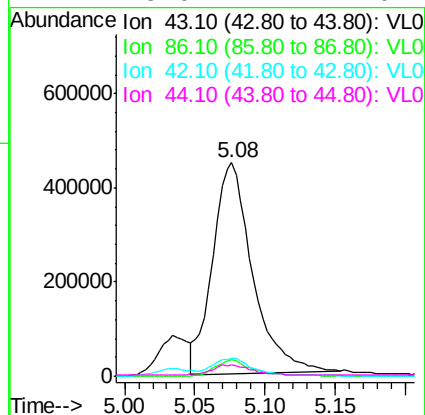
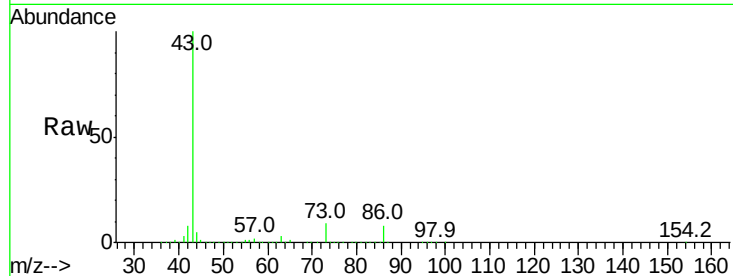


#23
 Vinyl Acetate
 Concen: 11.80 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Mar 2022 11:27

Tgt Ion: 43
 Ion Ratio: 100
 86 7.
 42 8.
 44 5.0 4.2 6.2

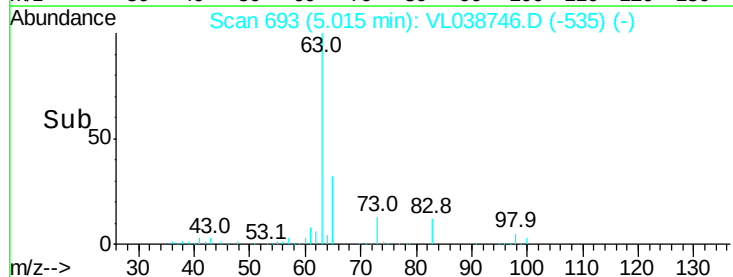
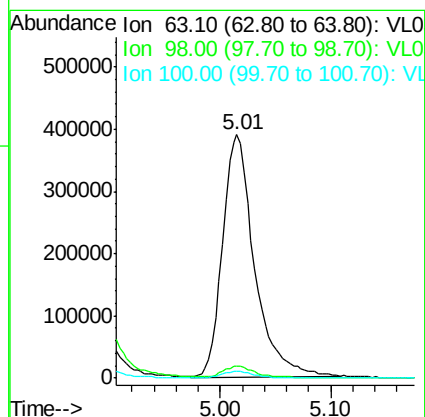
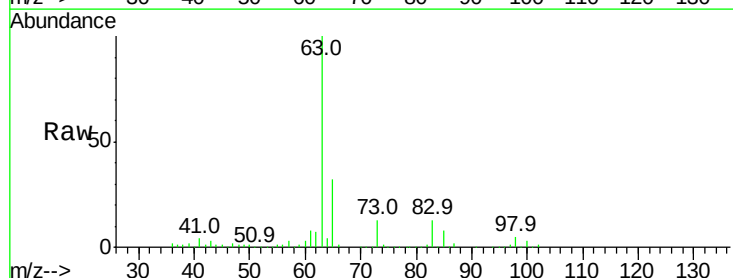
Manual Integrations
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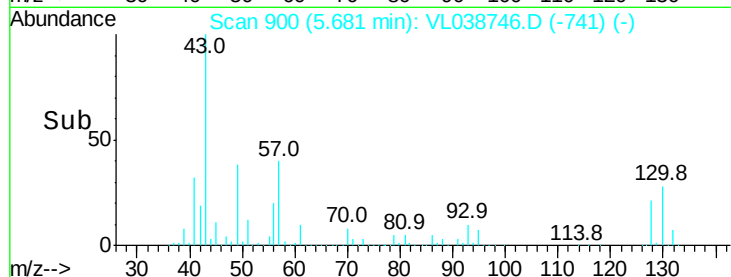
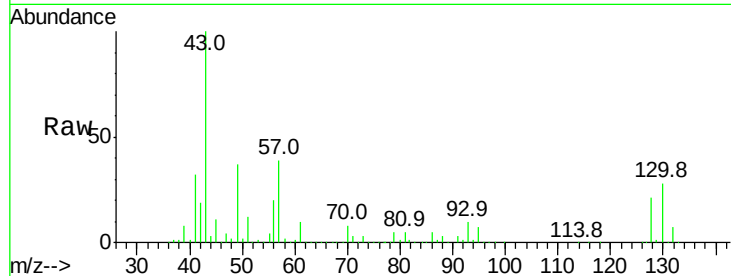
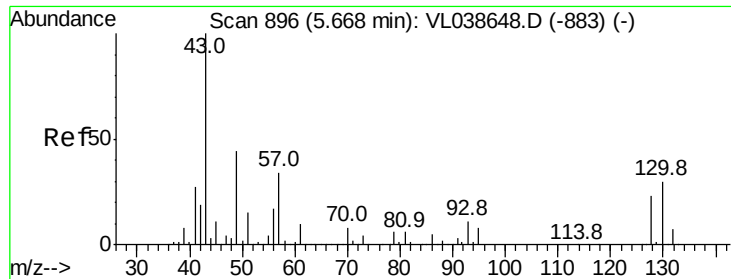
Reviewed By :Semsettin Yesilyurt 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#24
 1,1-Dichloroethane
 Concen: 10.66 ppbv
 RT: 5.01 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: VL038746.D
 Acq: 24 Mar 2022 11:27

Tgt Ion: 63 Resp: 781088
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.5 7.5
 100 3.0 1.4 4.2



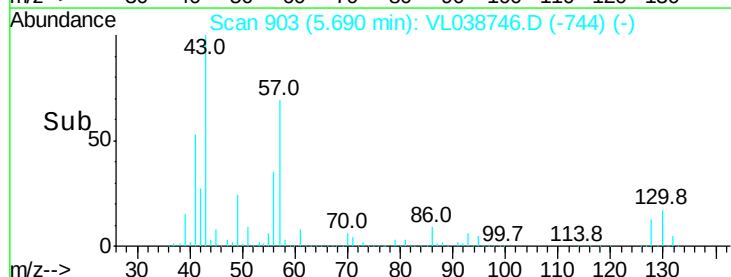
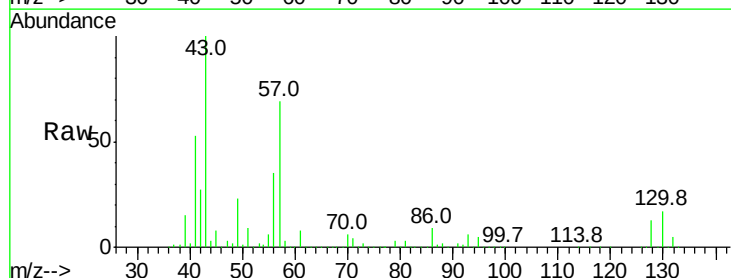
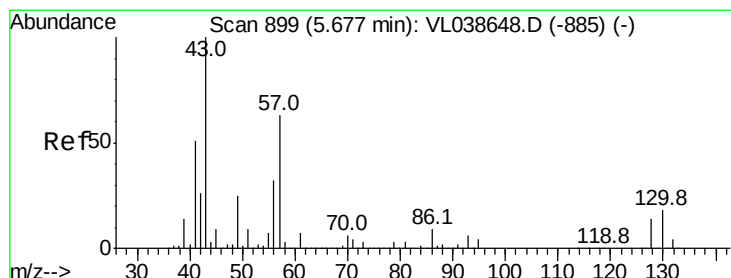
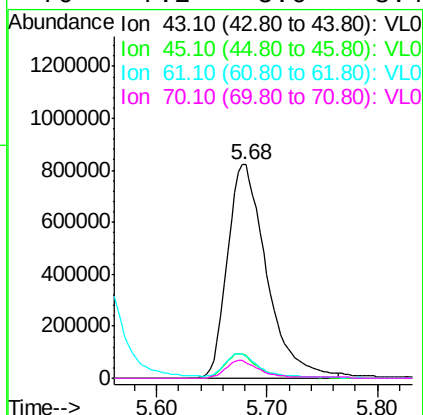


#25
Ethyl Acetate
Concen: 10.42 ppbv
RT: 5.68 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Mar 2022 11:27

Tgt Ion: 43
Ion Ratio: 100
45 10.
61 10.
70 7.2 5.6 8.4

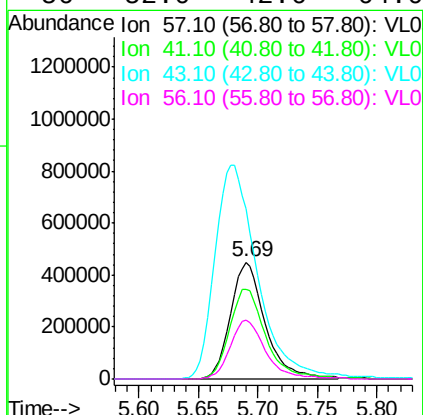
Manual Integrations APPROVED

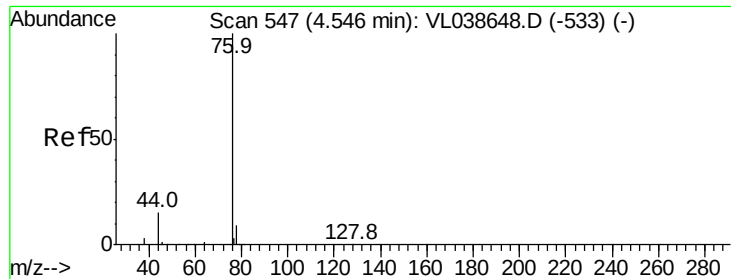
Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#26
Hexane
Concen: 10.52 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL038746.D
Acq: 24 Mar 2022 11:27

Tgt Ion: 57 Resp: 910224
Ion Ratio Lower Upper
57 100
41 82.1 67.0 100.4
43 224.9 184.2 276.2
56 52.0 42.6 64.0





#27

Carbon Disulfide

Concen: 11.52 ppbv

RT: 4.56

Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId :

Acq: 24 Mar 2022 11:27

Tgt Ion:

Ion Ratio

76 100

44 15.

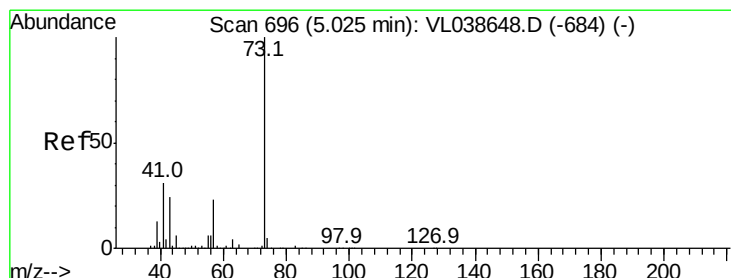
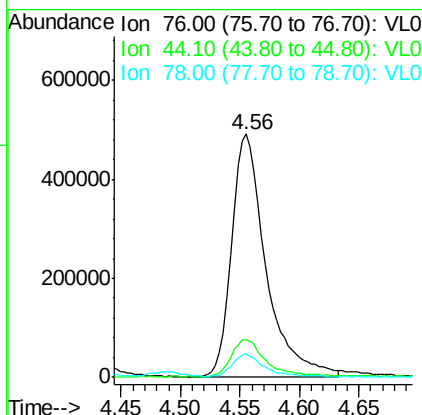
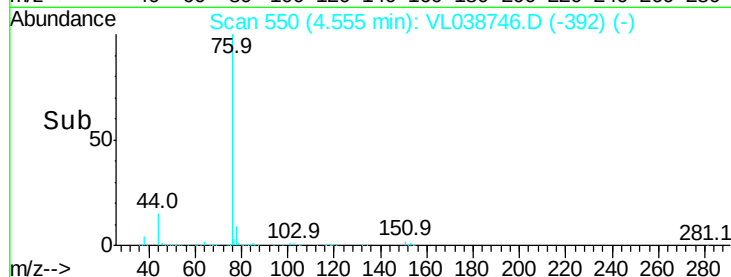
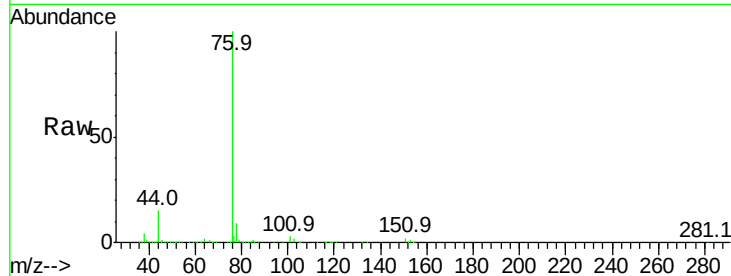
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#28

Methyl tert-Butyl Ether

Concen: 11.99 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.01 min

Lab File: VL038746.D

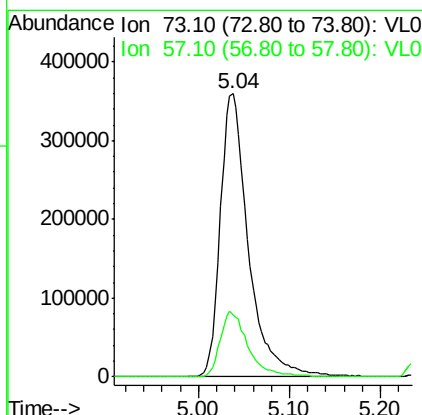
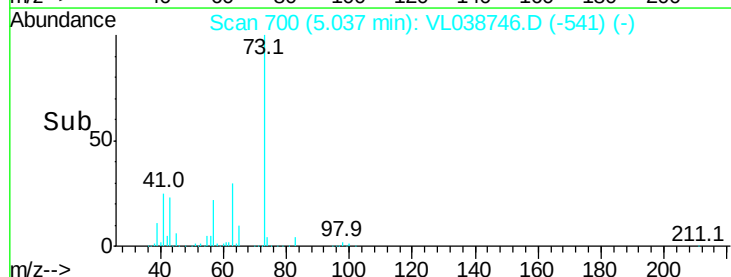
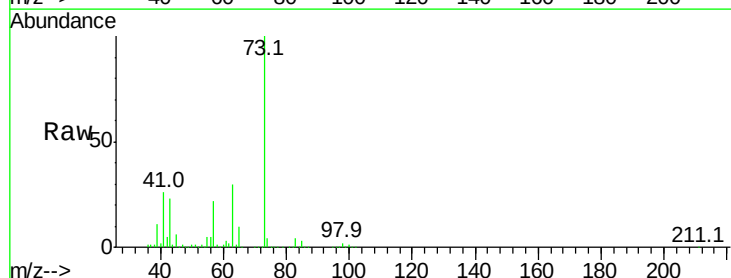
Acq: 24 Mar 2022 11:27

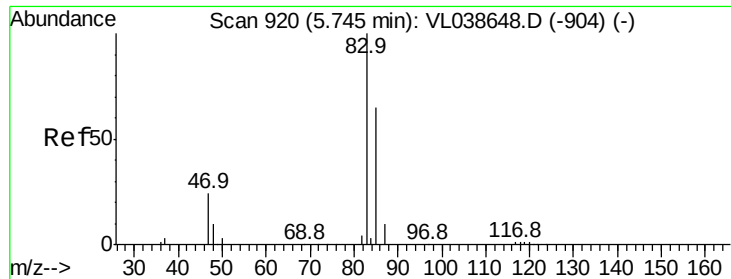
Tgt Ion: 73 Resp: 773102

Ion Ratio Lower Upper

73 100

57 23.3 19.2 28.8



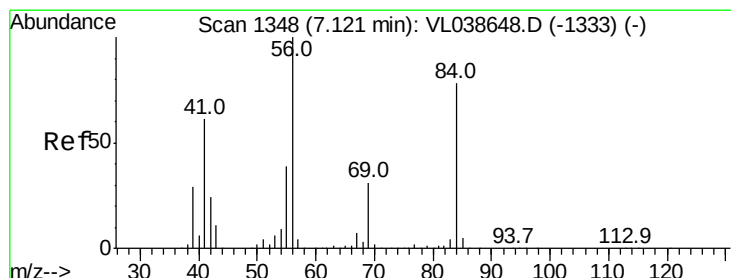
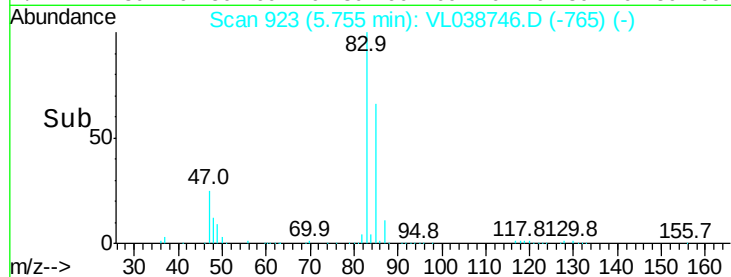
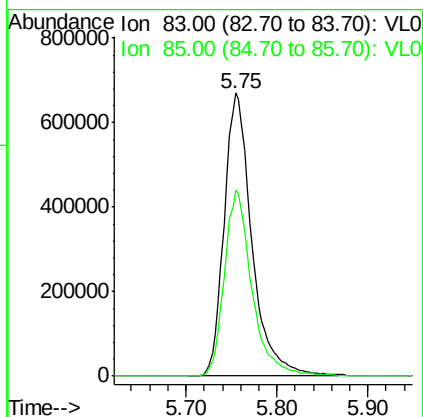
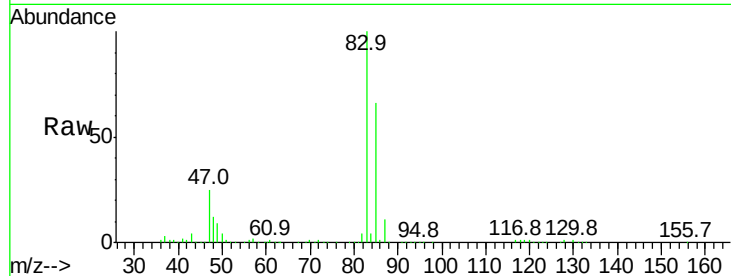


#29
Chloroform
Concen: 10.27 ppbv
RT: 5.75
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Mar 2022 11:27

Tgt Ion:
Ion Ratio
83 100
85 65.

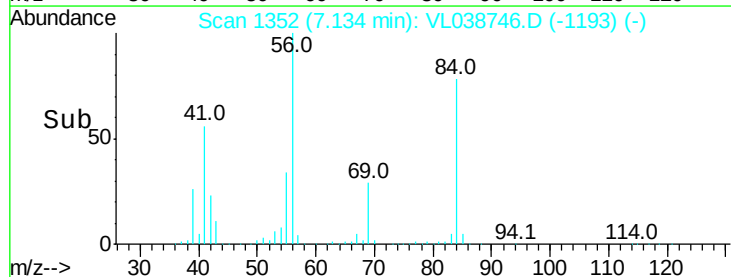
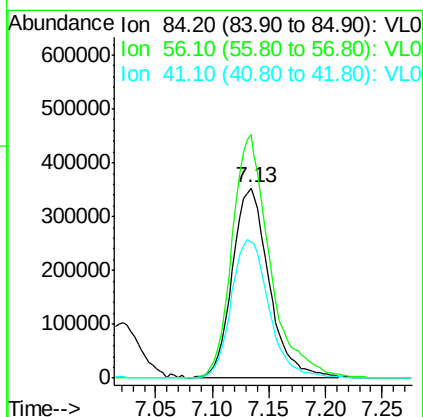
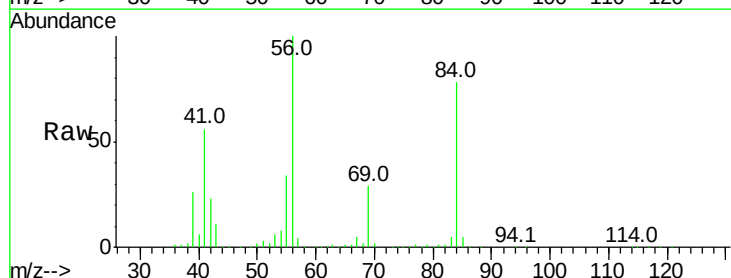
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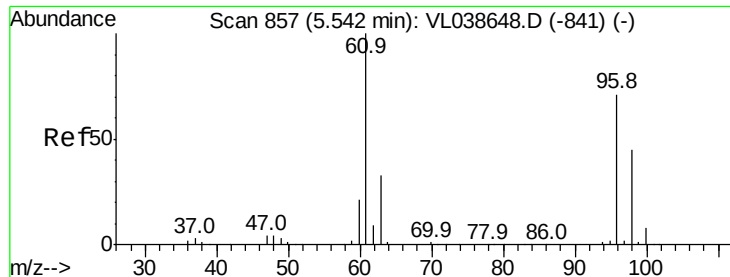
Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#30
Cyclohexane
Concen: 10.65 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.01 min
Lab File: VL038746.D
Acq: 24 Mar 2022 11:27

Tgt Ion: 84 Resp: 801813
Ion Ratio Lower Upper
84 100
56 131.6 108.2 162.4
41 74.9 61.8 92.6





#31

cis-1,2-Dichloroethene

Concen: 10.84 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 11:27

Tgt Ion:

Ion Ratio

61 100

96 73.

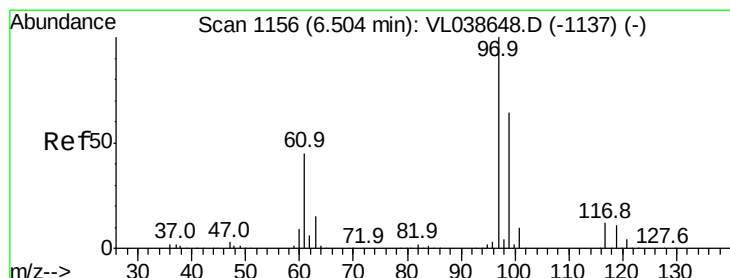
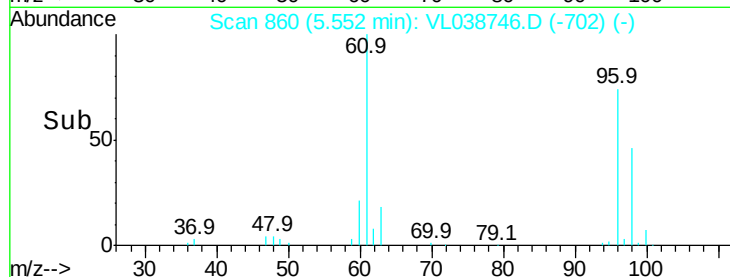
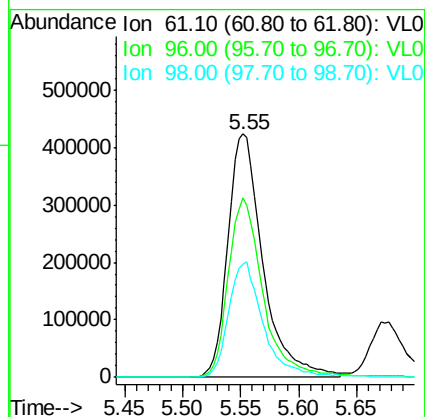
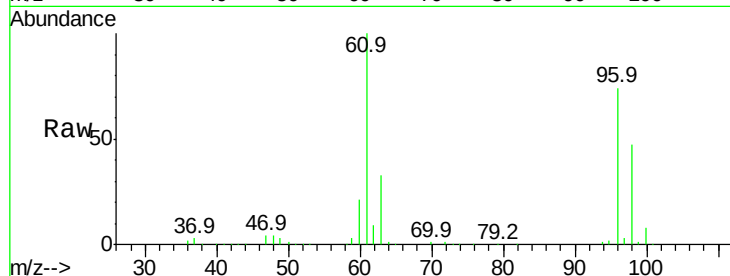
98 46.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#32

1,1,1-Trichloroethane

Concen: 10.67 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VL038746.D

Acq: 24 Mar 2022 11:27

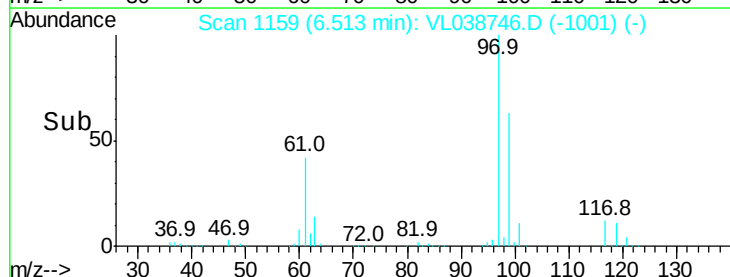
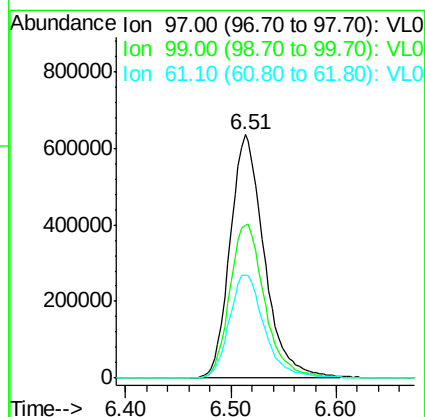
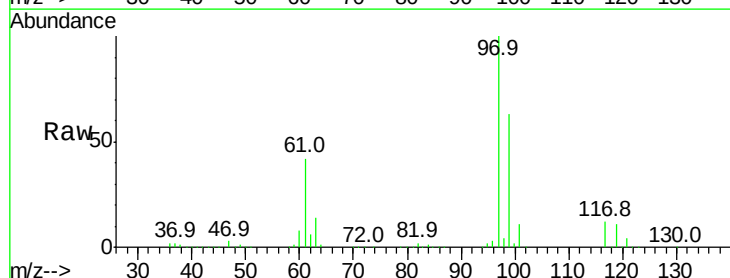
Tgt Ion: 97 Resp: 1427362

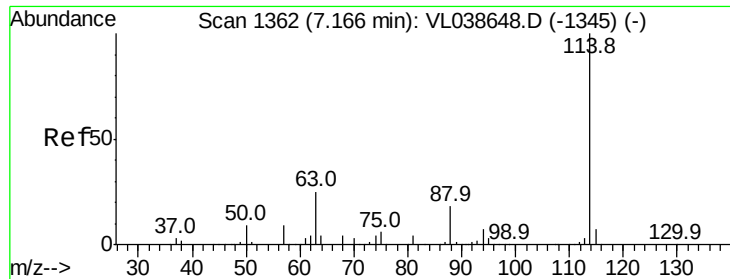
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

61 43.9 36.7 55.1



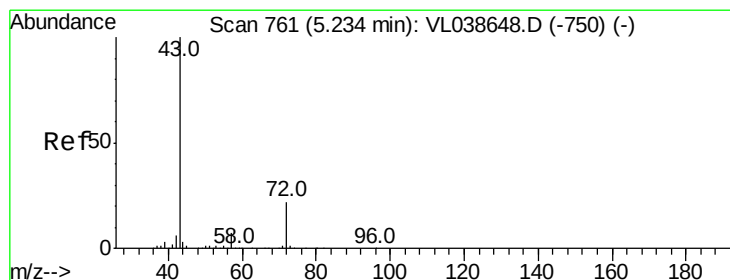
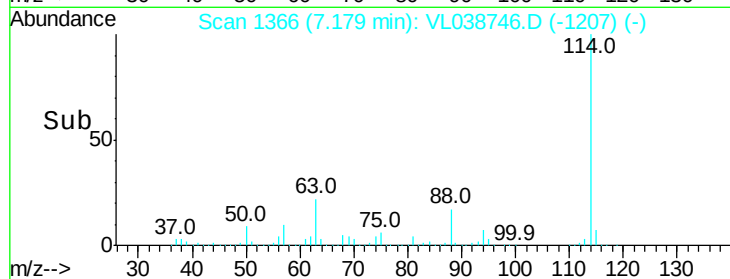
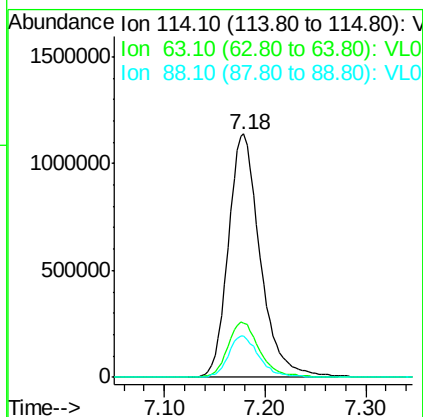
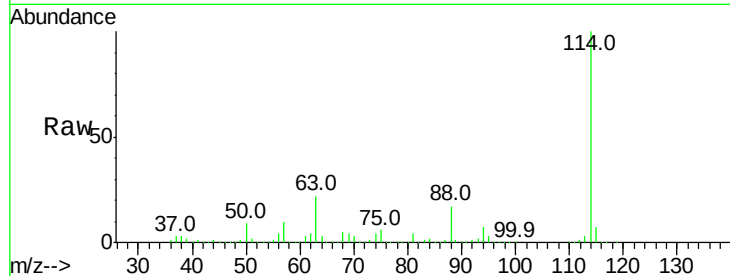


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 24 Mar 2022 11:27

Tgt Ion: 114.0
 Ion Ratio: 100
 114 100
 63 23.3
 88 16.6

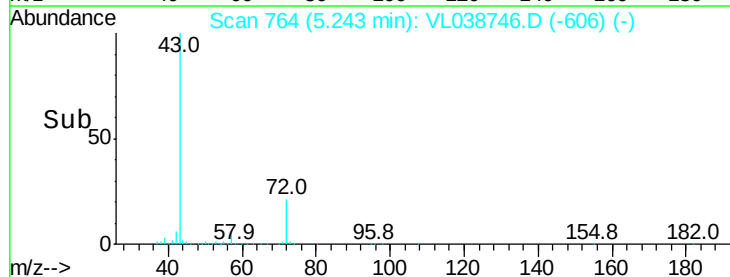
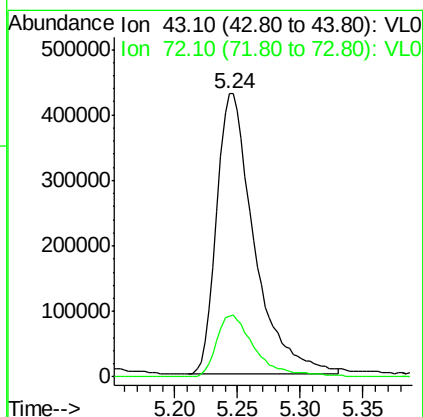
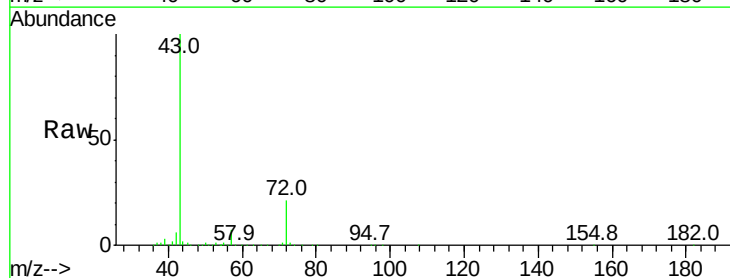
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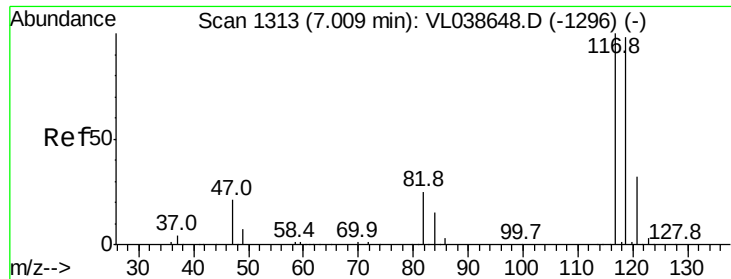
Reviewed By : Semsettin Yesilyurt 03/25/2022
 Supervised By : Mahesh Dadoda 03/28/2022



#34
 2-Butanone
 Concen: 9.02 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T.: 0.01 min
 Lab File: VL038746.D
 Acq: 24 Mar 2022 11:27

Tgt Ion: 43 Resp: 895711
 Ion Ratio Lower Upper
 43 100
 72 23.3 17.8 26.8



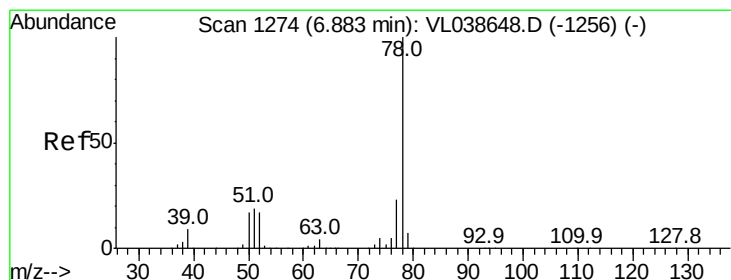
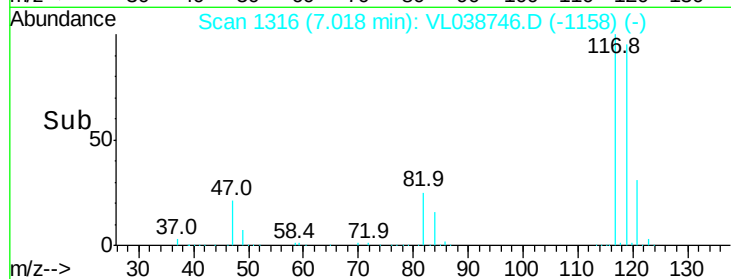
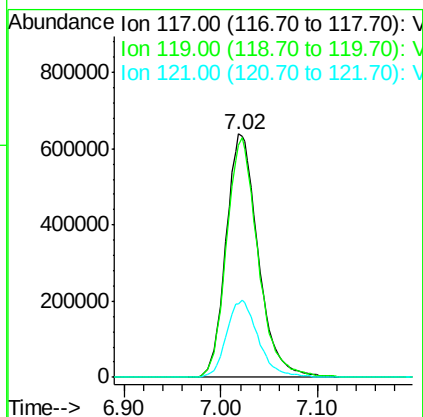
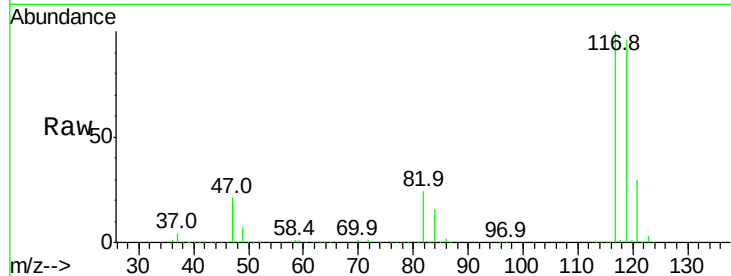


#35
Carbon Tetrachloride
Concen: 10.13 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Mar 2022 11:27

Tgt Ion: 117
Ion Ratio:
117 100
119 95.
121 30.

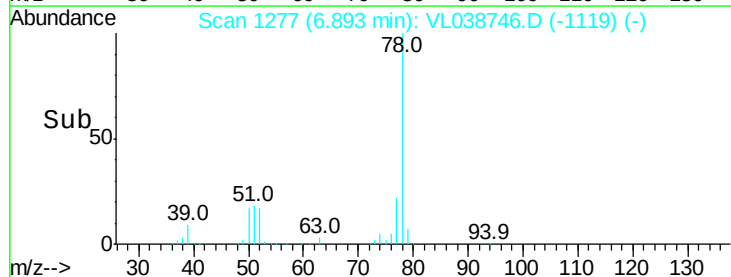
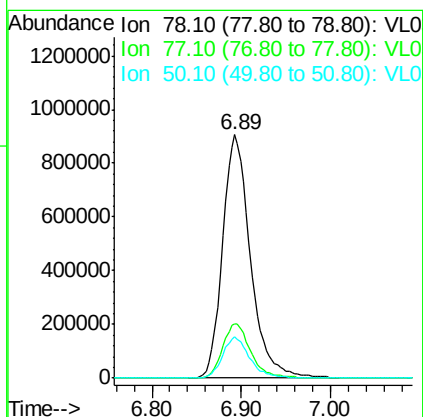
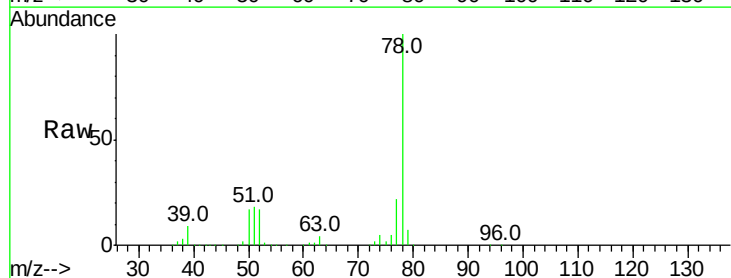
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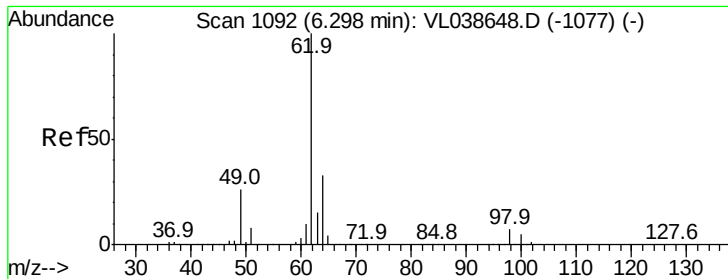
Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/28/2022



#36
Benzene
Concen: 10.12 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.01 min
Lab File: VL038746.D
Acq: 24 Mar 2022 11:27

Tgt Ion: 78 Resp: 1959203
Ion Ratio Lower Upper
78 100
77 22.1 18.1 27.1
50 16.9 13.6 20.4



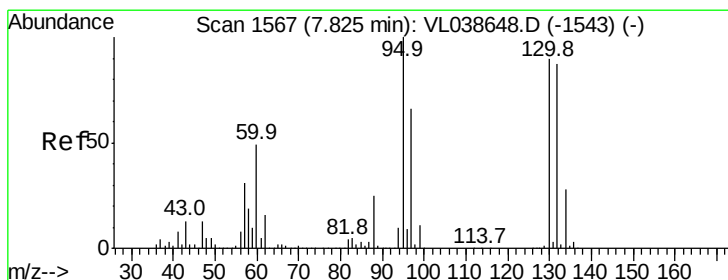
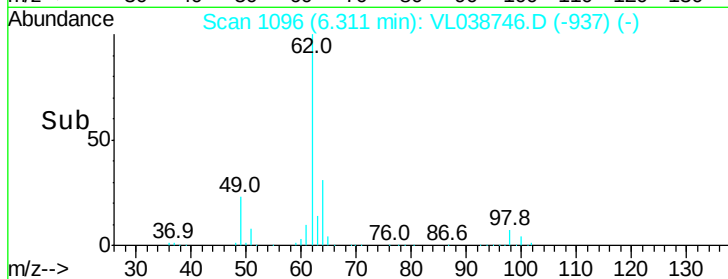
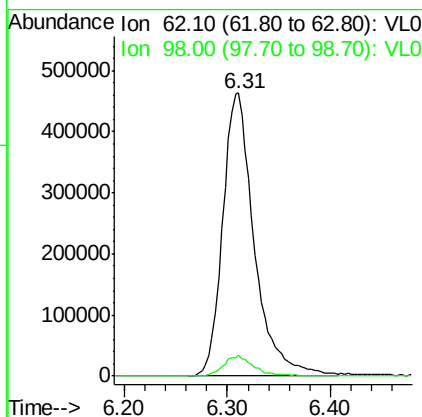
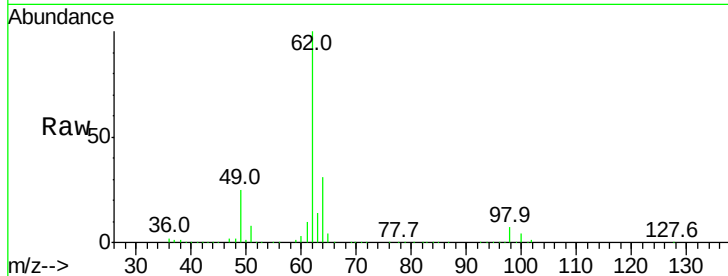


#37
 1,2-Dichloroethane
 Concen: 10.02 ppbv
 RT: 6.31
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 24 Mar 2022 11:27

Tgt Ion:
 Ion Ratio
 62 100
 98 7.

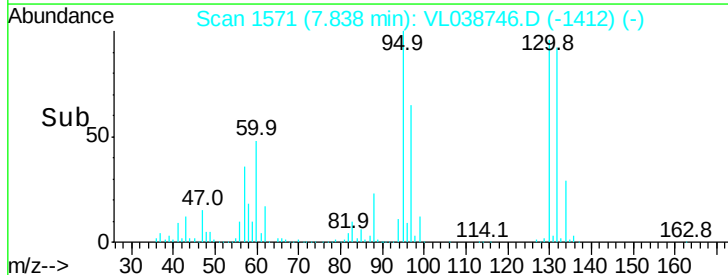
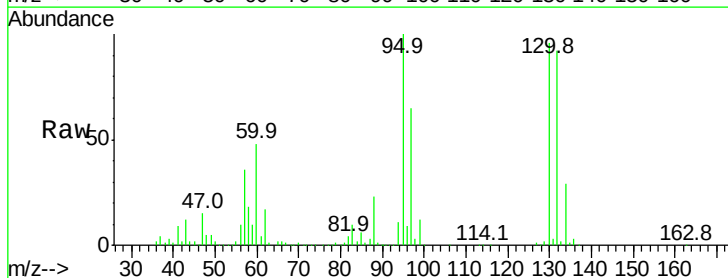
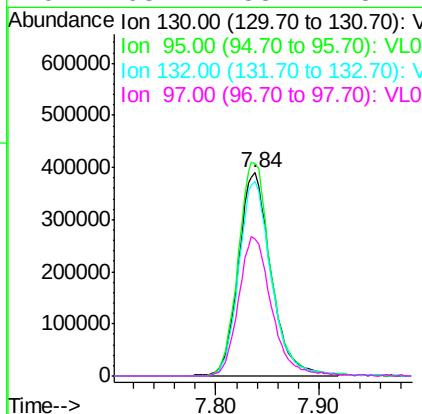
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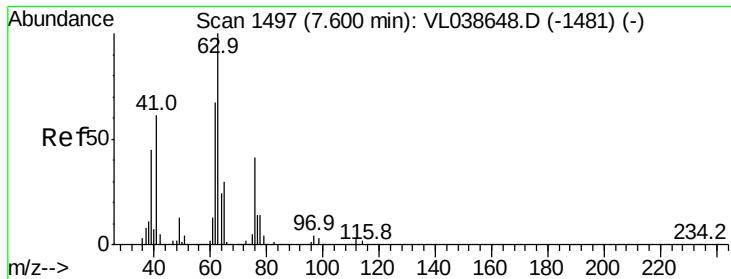
Reviewed By :Semsettin Yesilyurt 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#38
 Trichloroethene
 Concen: 10.52 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VL038746.D
 Acq: 24 Mar 2022 11:27

Tgt Ion:130 Resp: 853236
 Ion Ratio Lower Upper
 130 100
 95 105.4 88.9 133.3
 132 96.5 77.4 116.0
 97 68.2 58.2 87.4



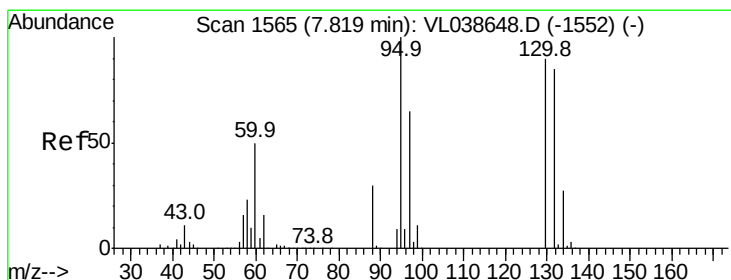
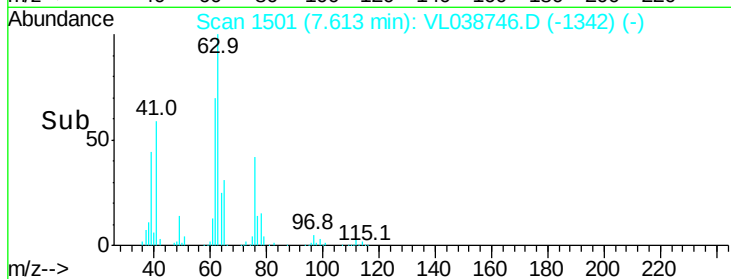
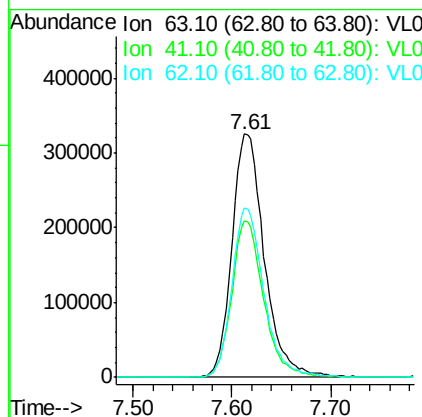
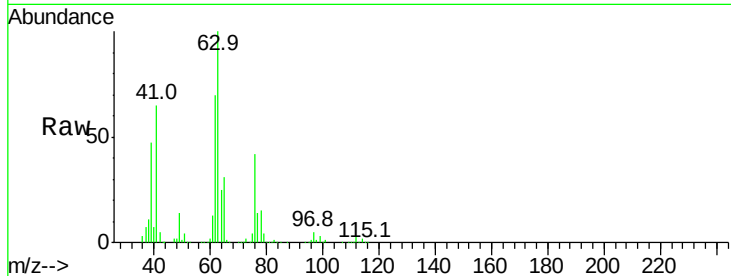


#39
 1,2-Dichloropropane
 Concen: 9.83 ppbv
 RT: 7.61 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 24 Mar 2022 11:27

Tgt Ion:
 Ion Ratio
 63 100
 41 64.
 62 69.

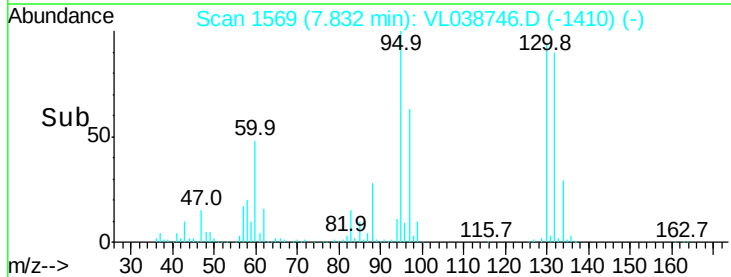
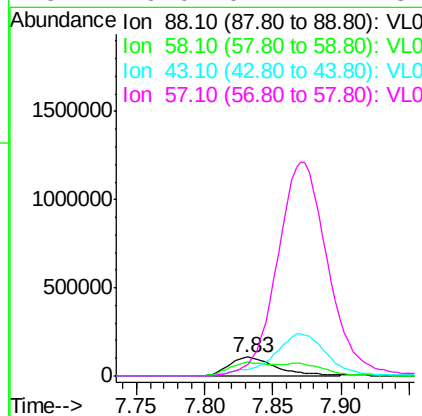
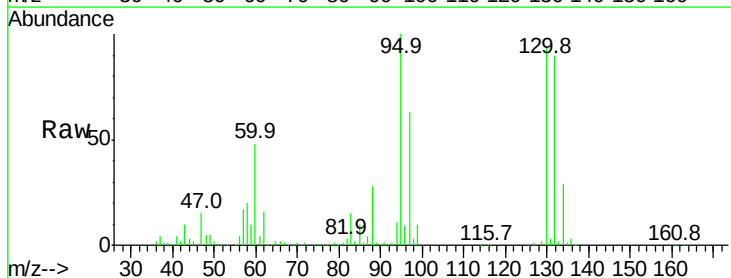
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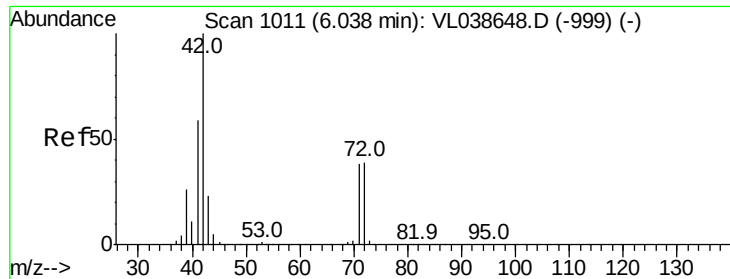
Reviewed By :Semsettin Yesilyurt 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#40
 1,4-Dioxane
 Concen: 9.78 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VL038746.D
 Acq: 24 Mar 2022 11:27

Tgt Ion: 88 Resp: 256856
 Ion Ratio Lower Upper
 88 100
 58 130.9 105.6 158.4
 43 0.0 201.9 302.9#
 57 0.0 942.1 1413.1#





#41

Tetrahydrofuran

Concen: 10.20 ppbv

RT: 6.05 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Mar 2022 11:27

Tgt Ion:

Ion Ratio

42 100

72 41.

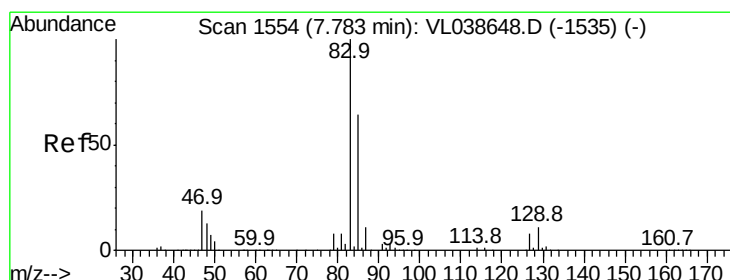
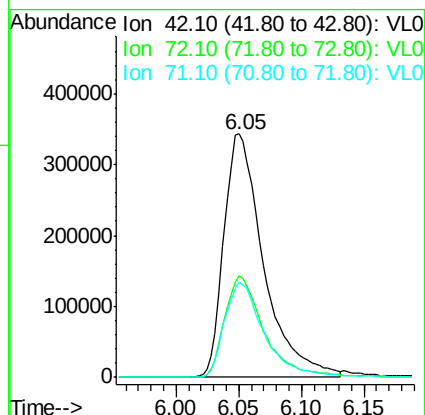
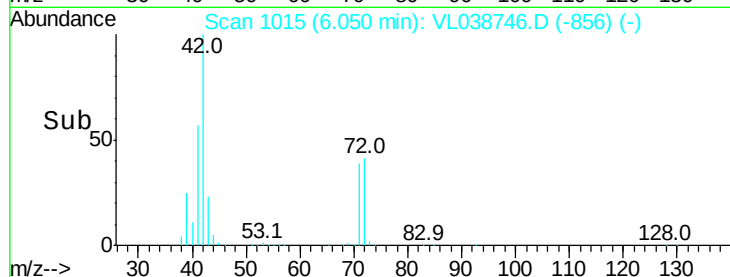
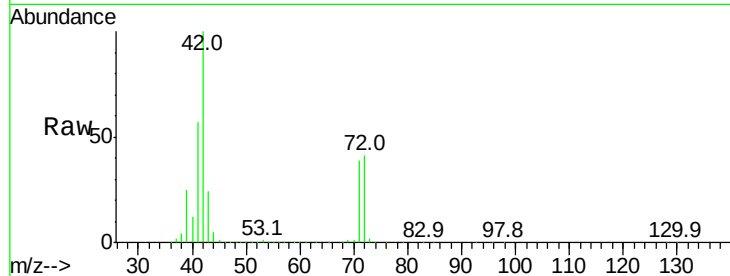
71 39.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/25/2022

Supervised By :Mahesh Dadoda 03/28/2022



#42

Bromodichloromethane

Concen: 10.26 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. 0.01 min

Lab File: VL038746.D

Acq: 24 Mar 2022 11:27

Tgt Ion: 83 Resp: 1513946

Ion Ratio Lower Upper

83 100

85 64.5 51.1 76.7

127 8.8 6.5 9.7

