

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
 Data File : VL038559.D
 Acq On : 8 Mar 2022 14:57
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Quant Time: Mar 08 15:34:44 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 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	917224	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2444764	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2401513	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1812112	9.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.04	85	1593355	10.97	ppbv	99
3) Chlorodifluoromethane	2.99	51	2135883	13.19	ppbv	100
4) Chloromethane	3.14	50	819797	14.57	ppbv	98
5) Vinyl Chloride	3.25	62	803190	13.65	ppbv	99
6) Bromomethane	3.47	94	445072	14.34	ppbv	98
7) Chloroethane	3.55	64	276059	14.61	ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	1748533	12.94	ppbv	100
9) Propene	3.01	41	787260	14.72	ppbv	100
10) Heptane	8.11	43	1979188	15.20	ppbv	98
11) Trichlorofluoromethane	3.94	101	1613907	11.60	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1271898	12.47	ppbv	100
13) Ethanol	3.60	45	67457m	12.64	ppbv	
14) Bromoethene	3.74	108	588976	14.50	ppbv	99
15) Acetone	3.84	43	856480	10.98	ppbv	99
16) 1,3-Butadiene	3.32	39	741808	14.24	ppbv	99
17) tert-Butyl alcohol	4.28	59	869145	11.17	ppbv	100
18) 1,1-Dichloroethene	4.28	96	582856	13.02	ppbv	98
19) Isopropyl Alcohol	3.96	45	517969	11.47	ppbv #	98
20) Methylene Chloride	4.34	84	484308	12.53	ppbv	99
21) Allyl Chloride	4.40	41	876073	13.30	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	622203	13.77	ppbv	99
23) Vinyl Acetate	5.06	43	1398709	13.53	ppbv	99
24) 1,1-Dichloroethane	5.00	63	1147696	12.35	ppbv	99
25) Ethyl Acetate	5.66	43	3084752	14.72	ppbv	100
26) Hexane	5.68	57	1445734	15.23	ppbv	99
27) Carbon Disulfide	4.54	76	1518486	14.38	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1139860	11.79	ppbv	98
29) Chloroform	5.74	83	2194701	14.17	ppbv	99
30) Cyclohexane	7.12	84	1253739	16.15	ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	1396611	15.19	ppbv	99
32) 1,1,1-Trichloroethane	6.50	97	2085921	13.39	ppbv	100
34) 2-Butanone	5.23	43	941691	12.25	ppbv	99
35) Carbon Tetrachloride	7.01	117	2195491	12.77	ppbv	99
36) Benzene	6.88	78	3078854	14.31	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1490760	11.99	ppbv	99
38) Trichloroethene	7.83	130	1147930	14.64	ppbv	98
39) 1,2-Dichloropropane	7.60	63	1199095	13.99	ppbv	98
40) 1,4-Dioxane	7.82	88	253393	12.46	ppbv #	1
41) Tetrahydrofuran	6.04	42	774093	14.90	ppbv	99
42) Bromodichloromethane	7.78	83	2337071	13.01	ppbv	99
43) Methyl Methacrylate	8.00	69	1150639	15.38	ppbv	98

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 08 15:34:44 2022

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4917922	13.29	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	941820	15.75	ppbv	97
46) cis-1,3-Dichloropropene	8.69	75	1213811	15.49	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	1233853	14.47	ppbv	98
48) Dibromochloromethane	10.29	129	2038985	14.62	ppbv	99
49) Bromoform	13.03	173	1631399	15.85	ppbv	100
50) 4-Methyl-2-Pentanone	8.73	43	1971688	14.50	ppbv	100
51) 2-Hexanone	10.12	43	890932	14.64	ppbv #	99
52) Tetrachloroethene	11.21	164	1080239	15.12	ppbv	96
53) Toluene	9.79	91	3458304	14.80	ppbv	99
54) 1,2-Dibromoethane	10.60	107	1789901	14.91	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.11	131	1273080	12.72	ppbv #	70
57) Chlorobenzene	12.14	112	2373009	12.81	ppbv	100
58) Ethyl Benzene	12.70	91	4294436	13.08	ppbv	97
59) m/p-Xylene	12.98	91	6915611m	24.52	ppbv	
60) o-Xylene	13.68	91	3287920	12.33	ppbv	100
61) Styrene	13.51	104	1891084	15.38	ppbv	99
62) Isopropylbenzene	14.65	105	4593169	12.84	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	2457851	11.35	ppbv	100
64) n-propylbenzene	15.55	120	1254334	14.16	ppbv	94
65) tert-Butylbenzene	16.73	119	3997704	12.90	ppbv	99
66) Benzyl Chloride	16.98	91	307872	18.38	ppbv	99
67) sec-Butylbenzene	17.28	105	5807283	13.22	ppbv	99
69) p-Isopropyltoluene	17.64	119	4927450	14.28	ppbv	99
70) n-Butylbenzene	18.54	91	5292343	14.83	ppbv	98
71) 2-Chlorotoluene	15.44	91	3456920	12.56	ppbv	98
72) 4-Ethyltoluene	15.82	105	4132588	14.07	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	3642400	13.65	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	3710401	13.17	ppbv	99
75) 1,3-Dichlorobenzene	16.99	146	2481590	15.73	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2437896	15.67	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2512157	16.54	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	2117130	18.28	ppbv	100
79) Naphthalene	22.18	128	4626354	30.32	ppbv	98
80) Naphthalene, 2-methyl-	24.96	142	968250	32.47	ppbv	96
81) 1,2,4-Trichlorobenzene	21.91	180	2495231	27.04	ppbv	99

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

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Manual Integrations
APPROVED

Quant Time: Mar 08 15:34:44 2022

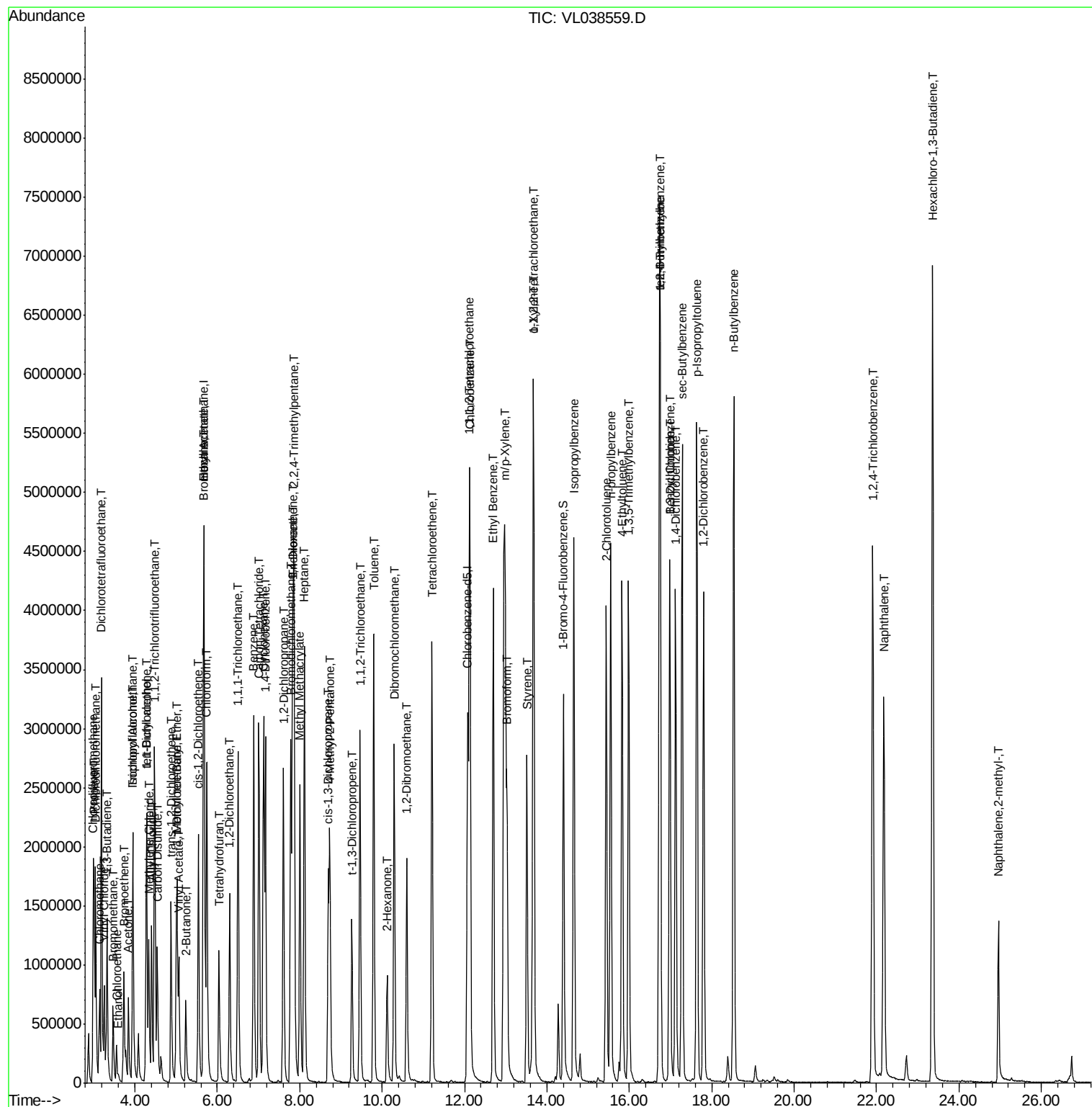
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL030822

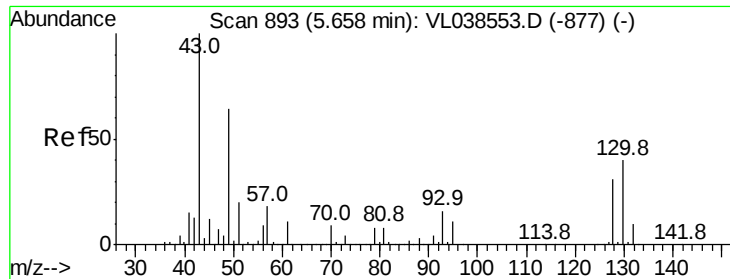
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:57 VSTDIC015

Tgt Ion:

Ion Ratio

49 100

128 53.

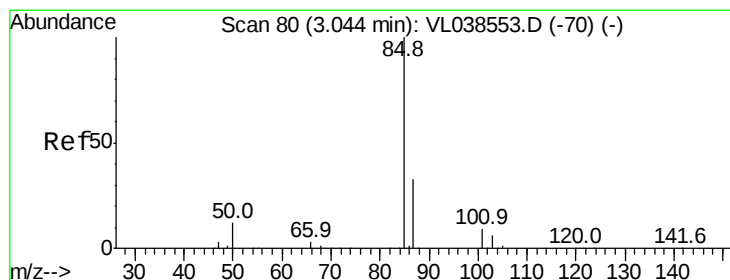
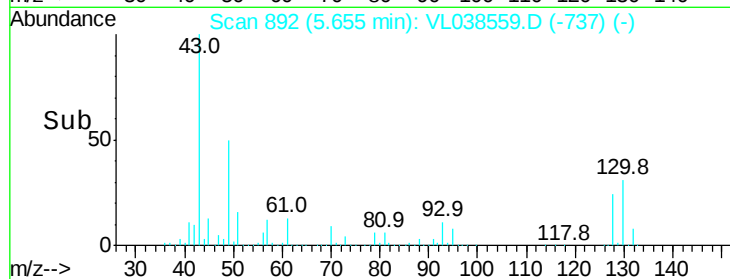
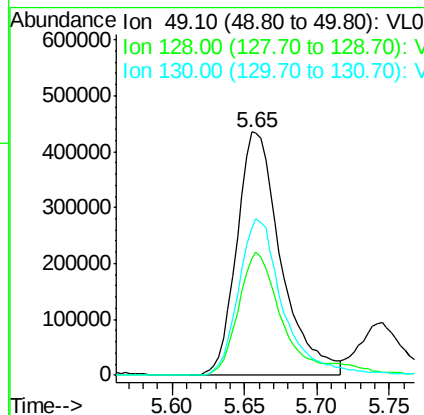
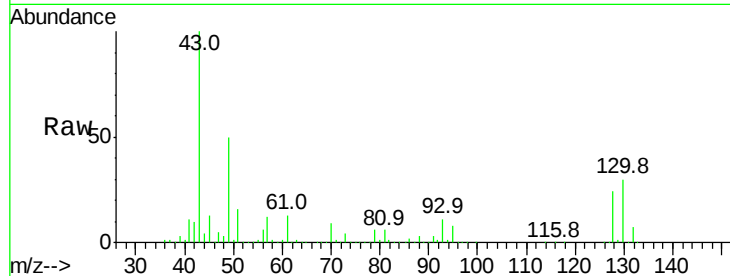
130 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#2

Dichlorodifluoromethane

Concen: 10.97 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL038559.D

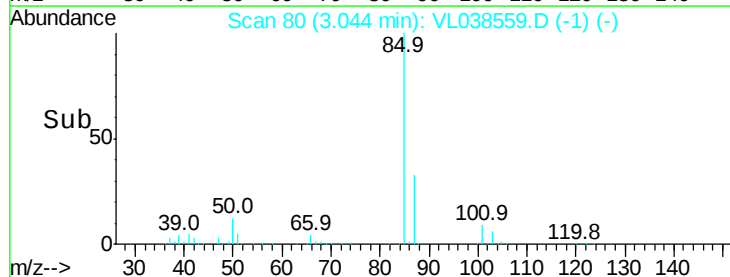
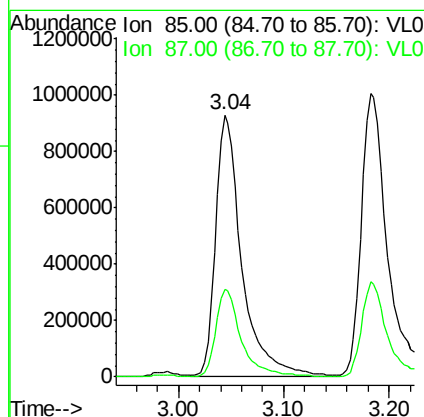
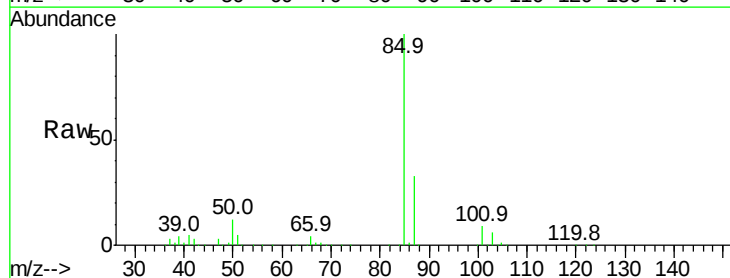
Acq: 8 Mar 2022 14:57

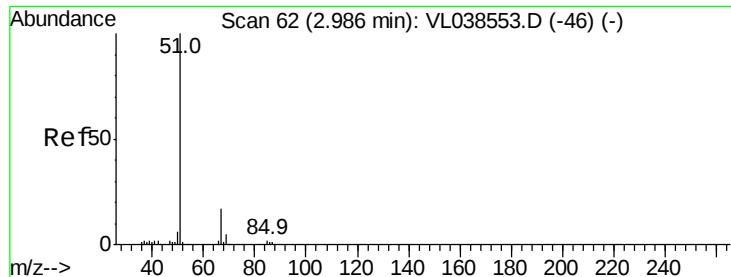
Tgt Ion: 85 Resp: 1593355

Ion Ratio Lower Upper

85 100

87 33.3 26.2 39.2





#3

Chlorodifluoromethane

Concen: 13.19 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC015

Acq: 8 Mar 2022 14:57

Tgt Ion:

Ion Ratio

51 100

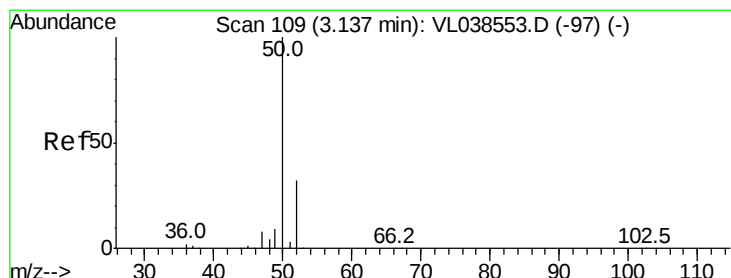
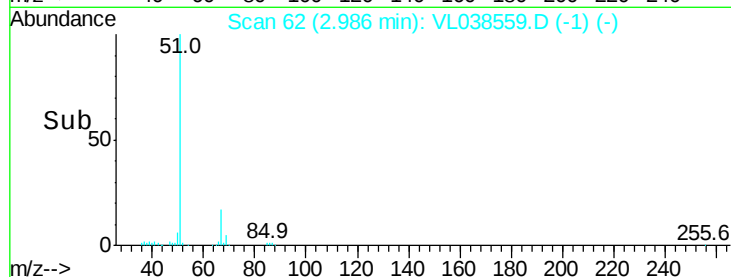
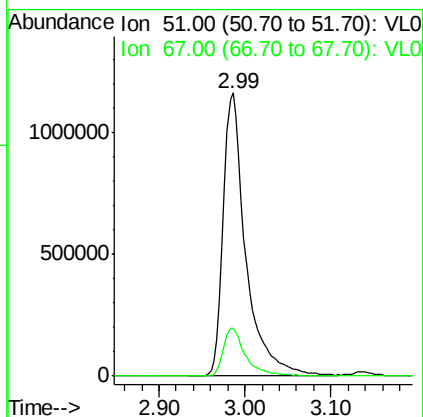
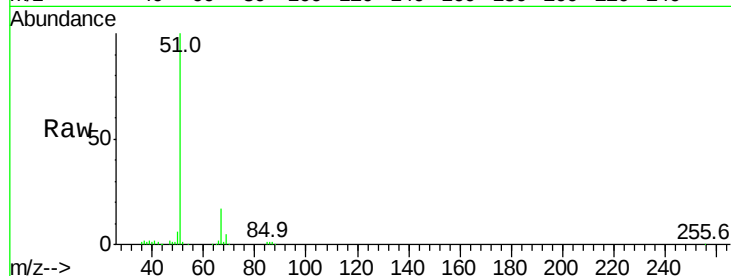
67 16.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#4

Chloromethane

Concen: 14.57 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL038559.D

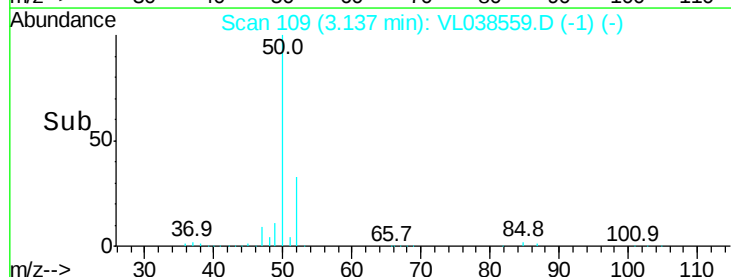
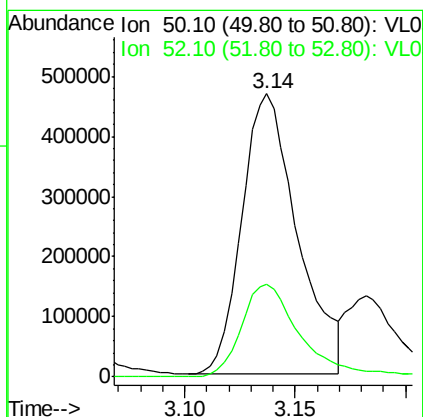
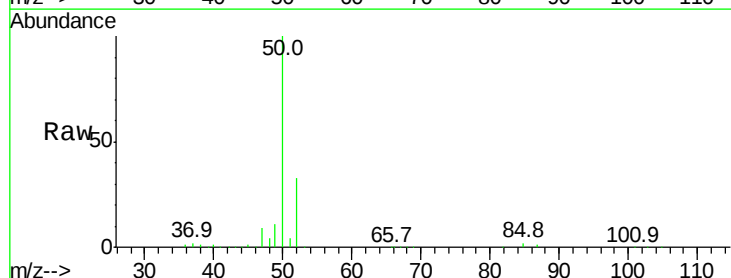
Acq: 8 Mar 2022 14:57

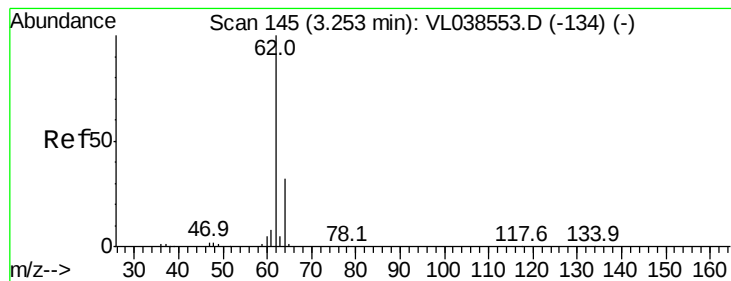
Tgt Ion: 50 Resp: 819797

Ion Ratio Lower Upper

50 100

52 33.0 25.6 38.4





#5

Vinyl Chloride

Concen: 13.65 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDIC015

Acq: 8 Mar 2022 14:57

Tgt Ion: 62

Ion Ratio 100

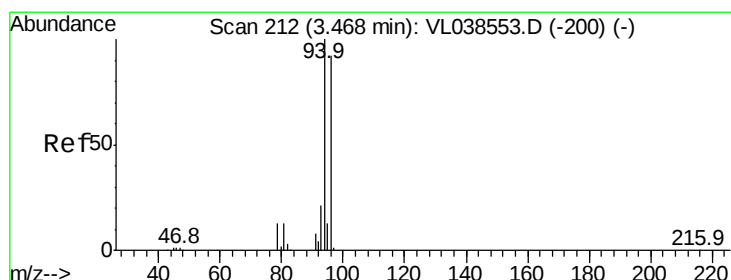
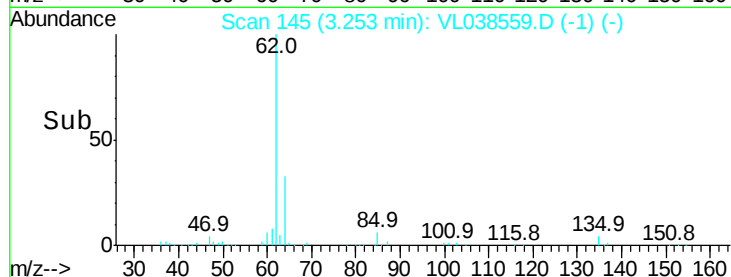
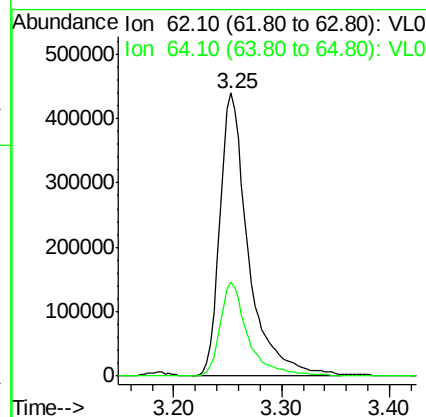
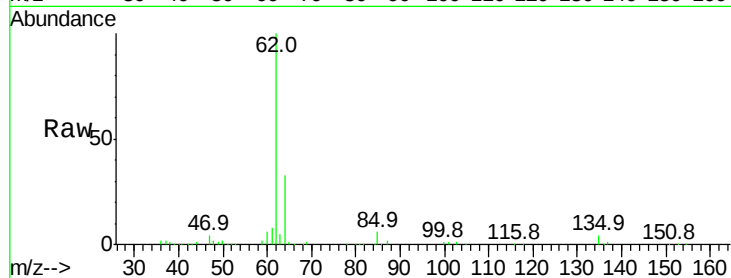
64 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#6

Bromomethane

Concen: 14.34 ppbv

RT: 3.47 min Scan# 212

Delta R.T. 0.00 min

Lab File: VL038559.D

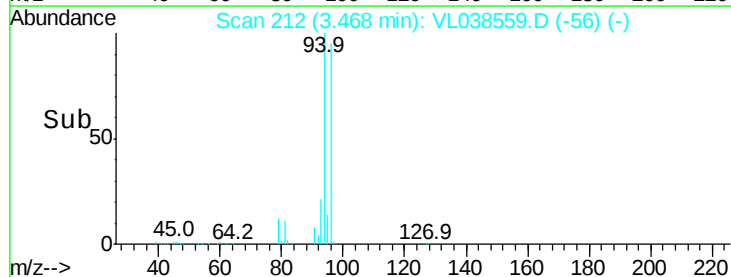
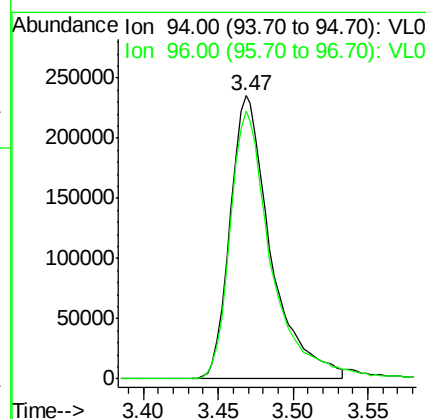
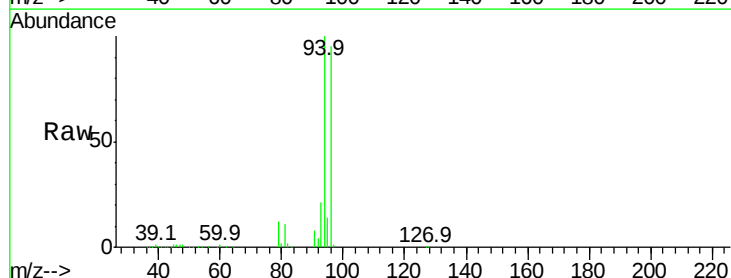
Acq: 8 Mar 2022 14:57

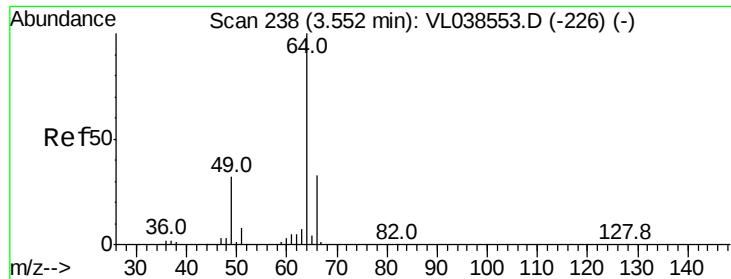
Tgt Ion: 94 Resp: 445072

Ion Ratio Lower Upper

94 100

96 94.4 73.7 110.5





#7

Chloroethane

Concen: 14.61 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:57 VSTDIC015

Tgt Ion:

Ion Ratio

64 100

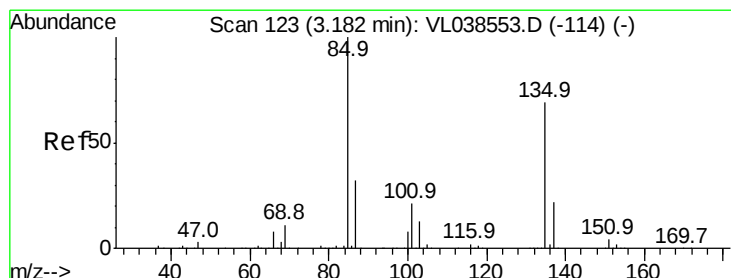
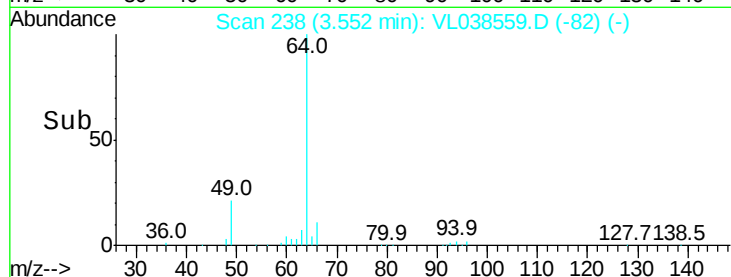
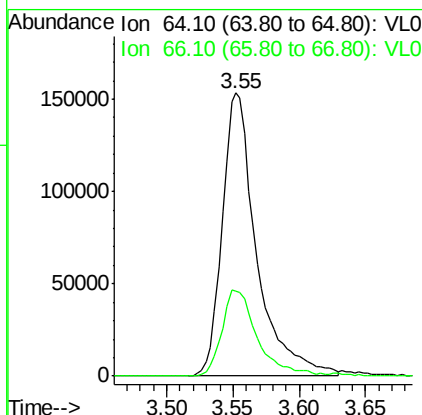
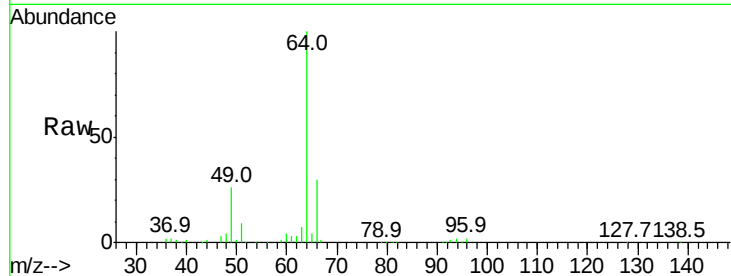
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#8

Dichlorotetrafluoroethane

Concen: 12.94 ppbv

RT: 3.18 min Scan# 123

Delta R.T. 0.00 min

Lab File: VL038559.D

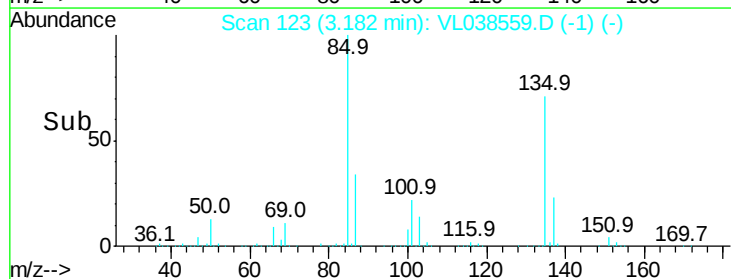
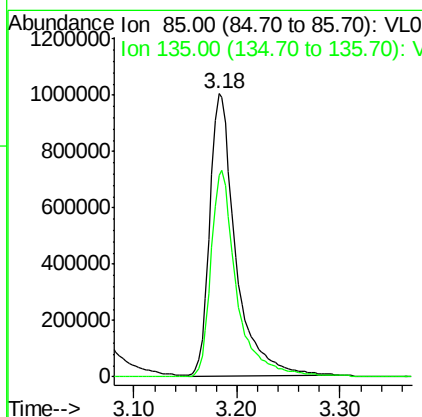
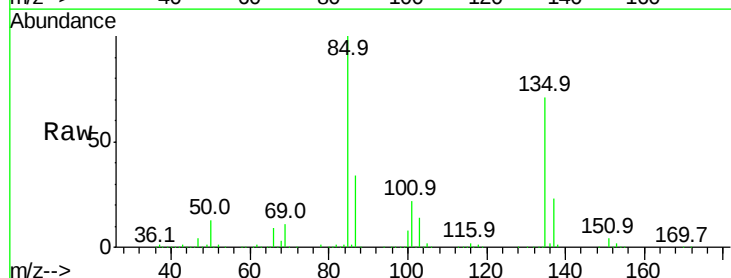
Acq: 8 Mar 2022 14:57

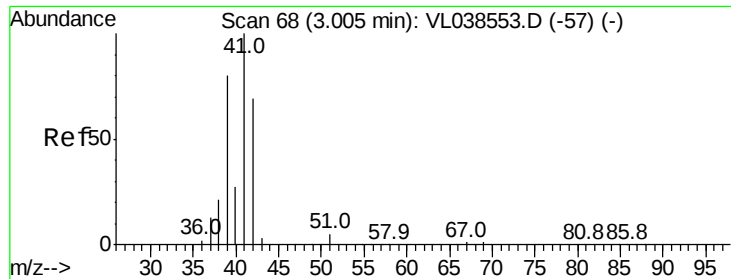
Tgt Ion: 85 Resp: 1748533

Ion Ratio Lower Upper

85 100

135 73.4 59.0 88.4





#9

Propene

Concen: 14.72 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 14:57

Tgt Ion:

Ion Ratio

41 100

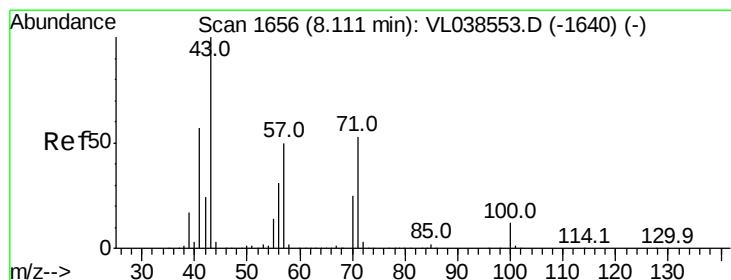
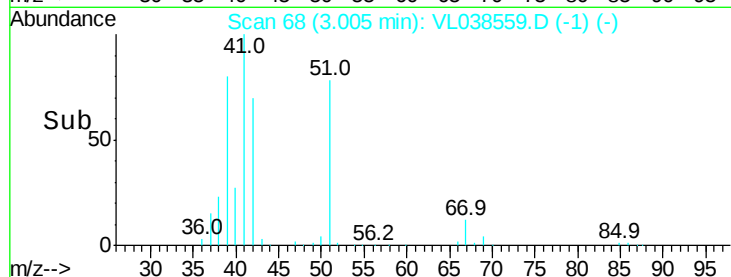
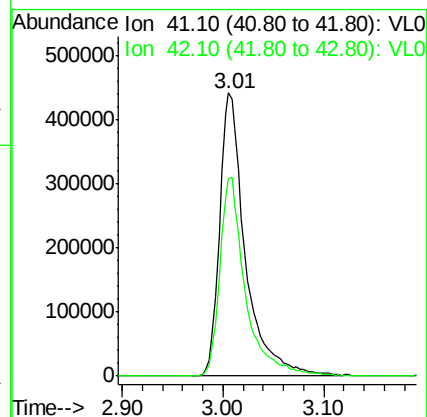
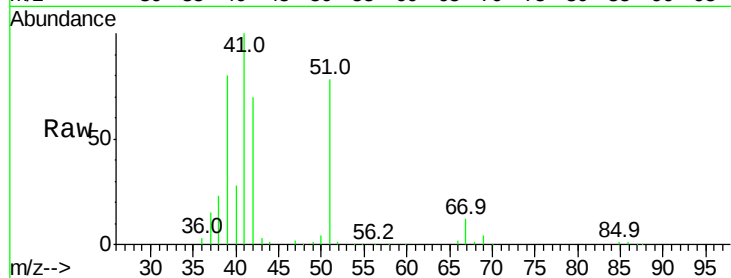
42 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#10

Heptane

Concen: 15.20 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VL038559.D

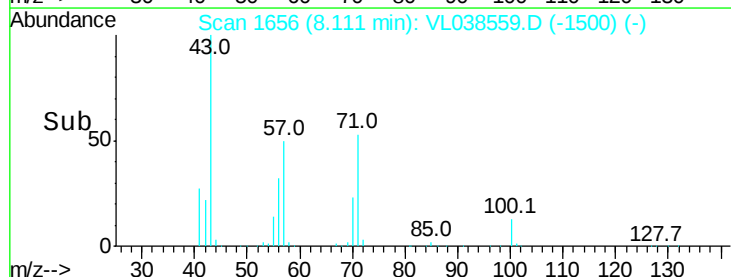
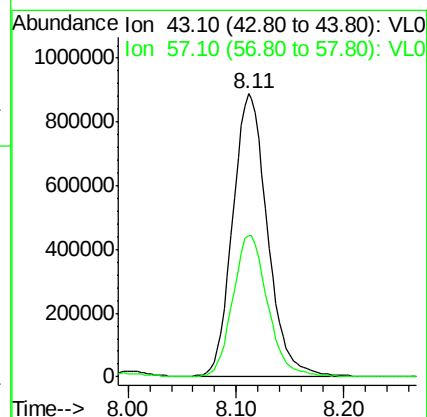
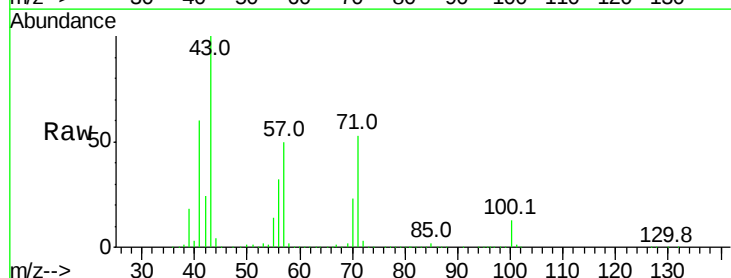
Acq: 8 Mar 2022 14:57

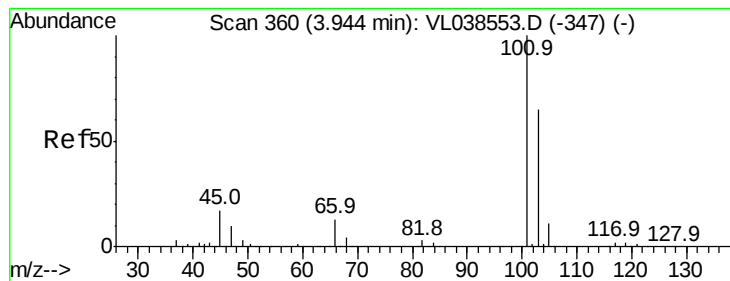
Tgt Ion: 43 Resp: 1979188

Ion Ratio Lower Upper

43 100

57 50.6 39.6 59.4





#11

Trichlorofluoromethane

Concen: 11.60 ppbv

RT: 3.94 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:57 VSTDIC015

Tgt Ion:1

Ion Ratio

101 100

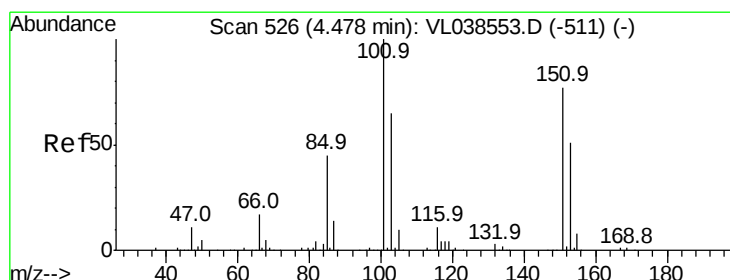
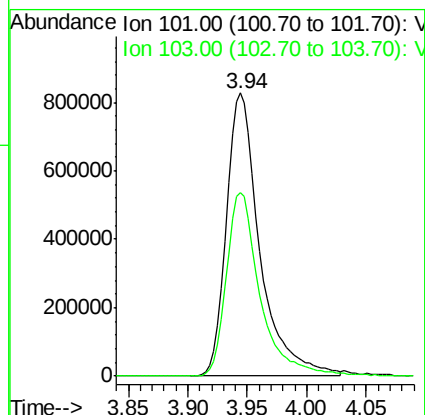
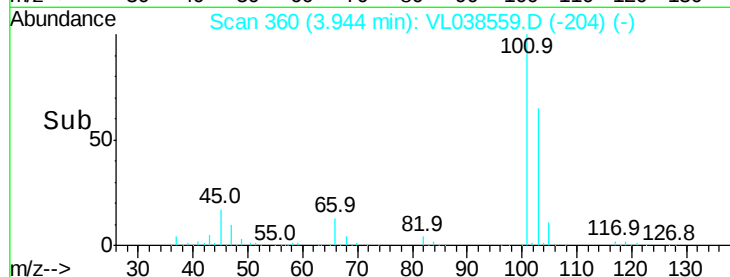
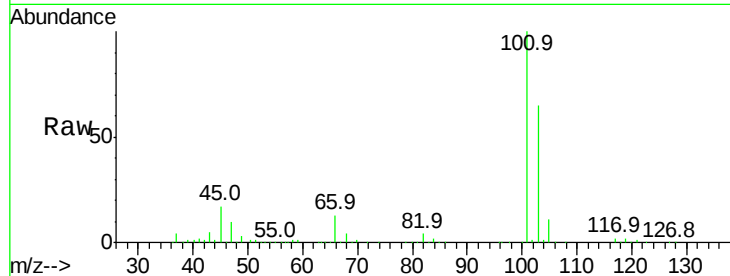
103 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 12.47 ppbv

RT: 4.48 min Scan# 526

Delta R.T. 0.00 min

Lab File: VL038559.D

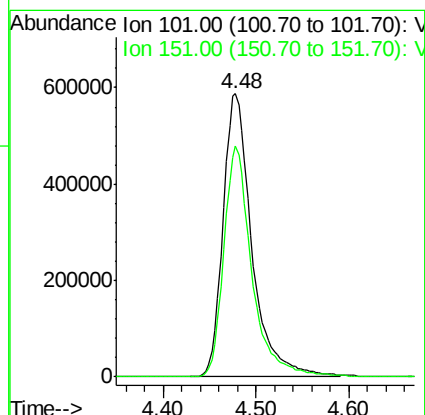
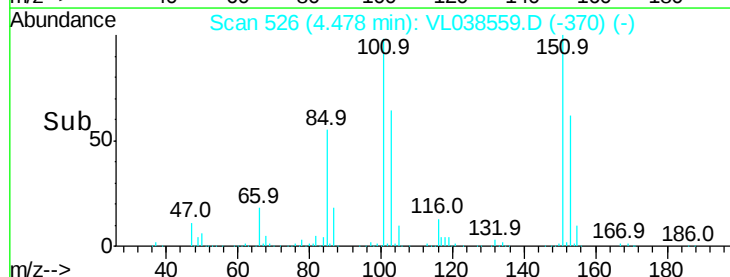
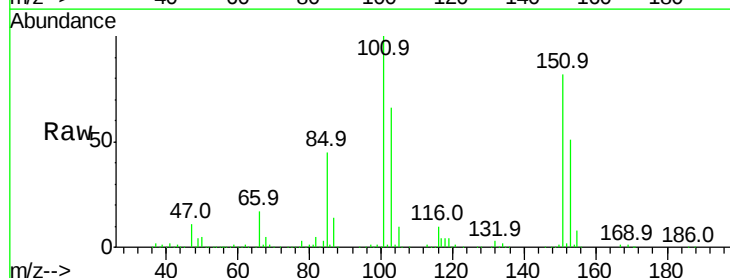
Acq: 8 Mar 2022 14:57

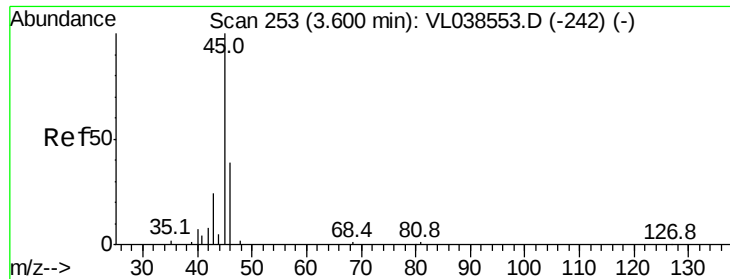
Tgt Ion:101 Resp: 1271898

Ion Ratio Lower Upper

101 100

151 79.4 63.4 95.0





#13

Ethanol

Concen: 12.64 ppbv m

RT: 3.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:57 VSTDIC015

Tgt Ion:

Ion Ratio

45 100

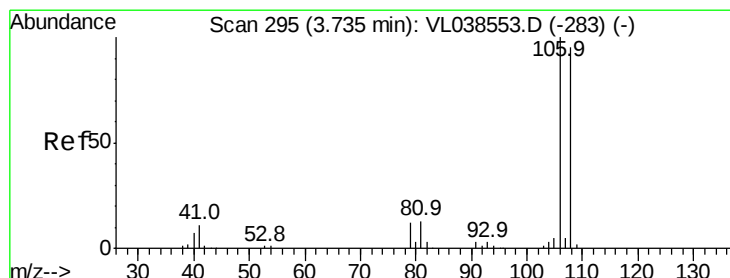
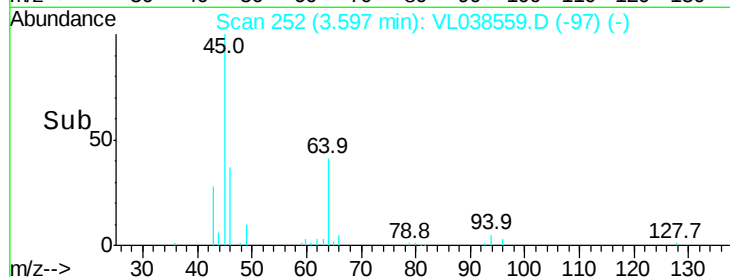
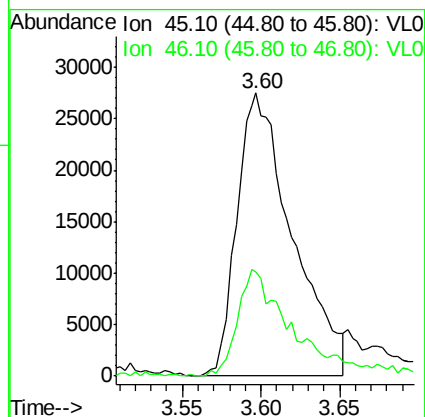
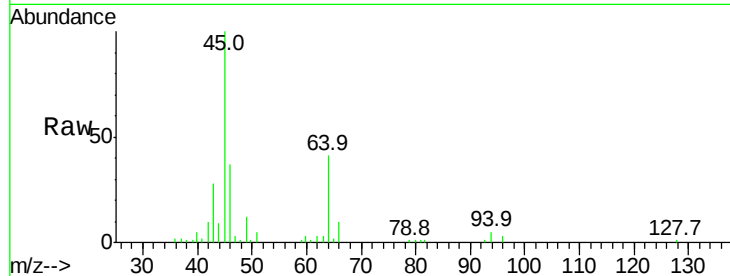
46 38.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#14

Bromoethene

Concen: 14.50 ppbv

RT: 3.74 min Scan# 295

Delta R.T. 0.00 min

Lab File: VL038559.D

Acq: 8 Mar 2022 14:57

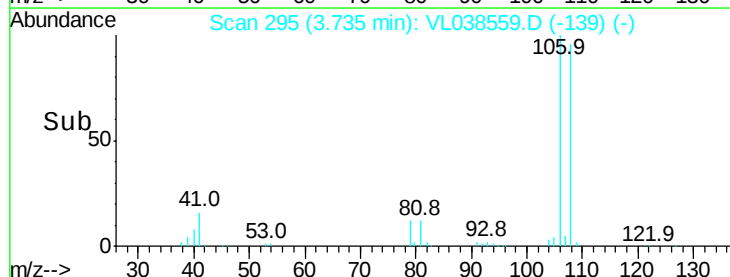
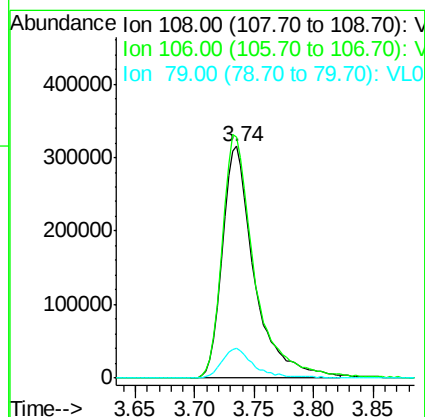
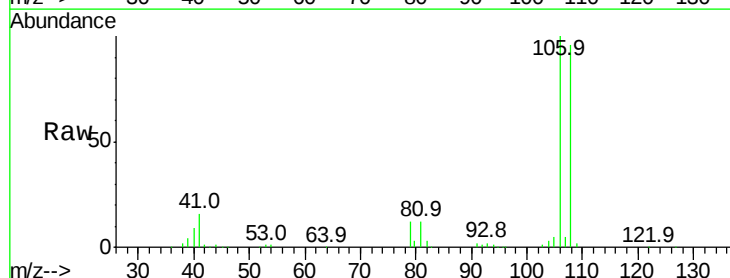
Tgt Ion:108 Resp: 588976

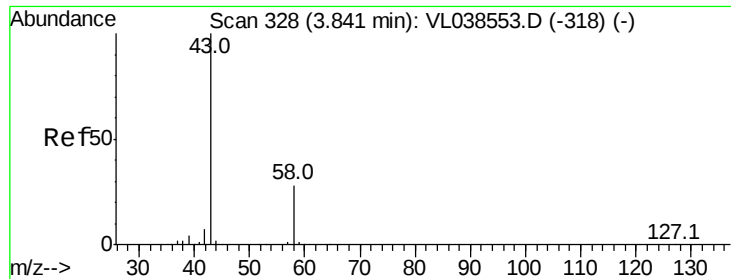
Ion Ratio Lower Upper

108 100

106 106.7 85.9 128.9

79 13.4 11.0 16.6





#15

Acetone

Concen: 10.98 ppbv

RT: 3.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 14:57 VSTDIC015

Tgt Ion:

Ion Ratio

43 100

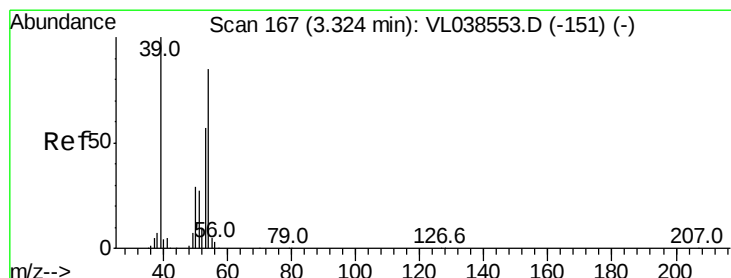
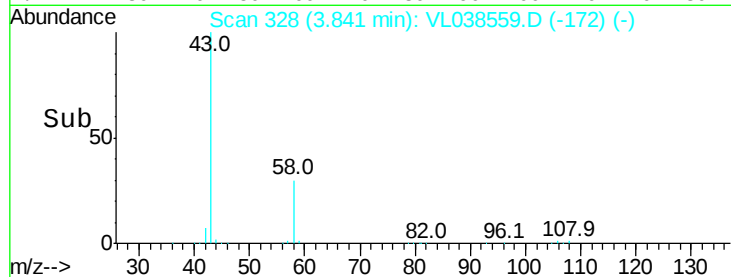
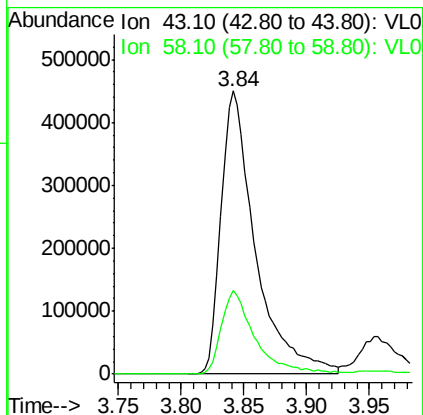
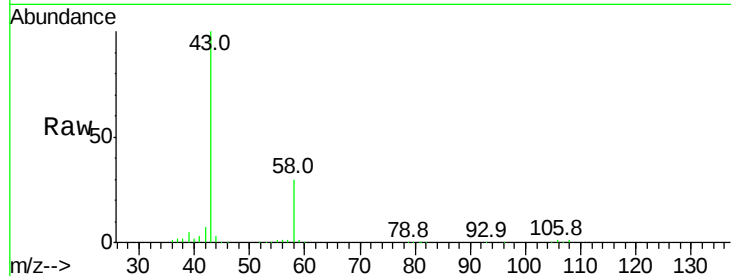
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#16

1,3-Butadiene

Concen: 14.24 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL038559.D

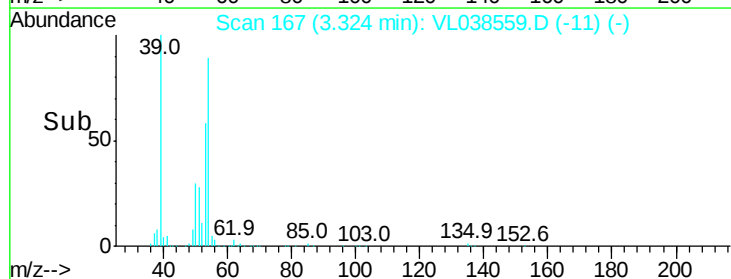
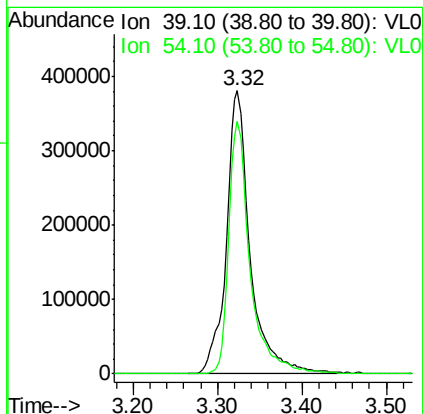
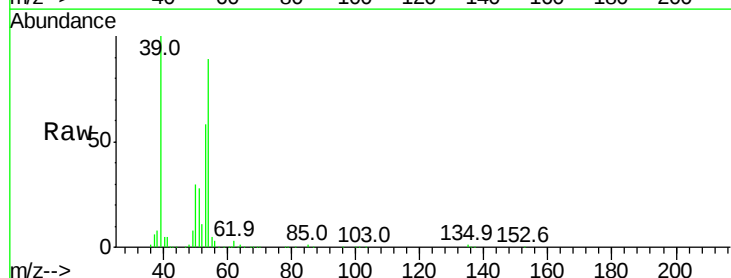
Acq: 8 Mar 2022 14:57

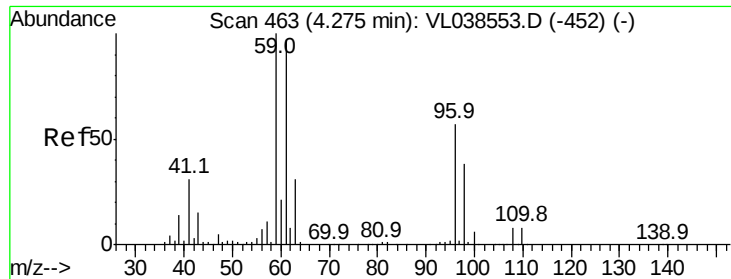
Tgt Ion: 39 Resp: 741808

Ion Ratio Lower Upper

39 100

54 80.8 64.2 96.2





#17

tert-Butyl alcohol

Concen: 11.17 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDIC015

Acq: 8 Mar 2022 14:57

Tgt Ion:

Ion Ratio

59 100

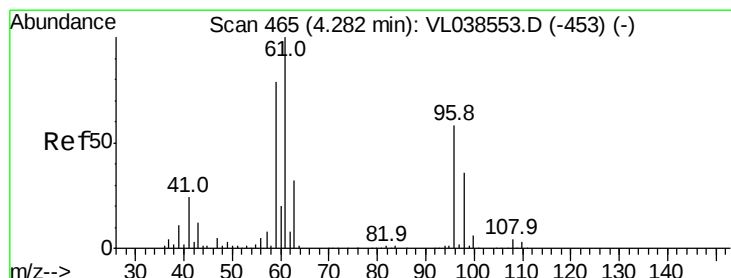
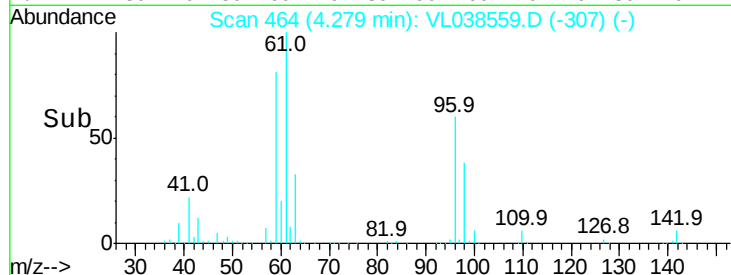
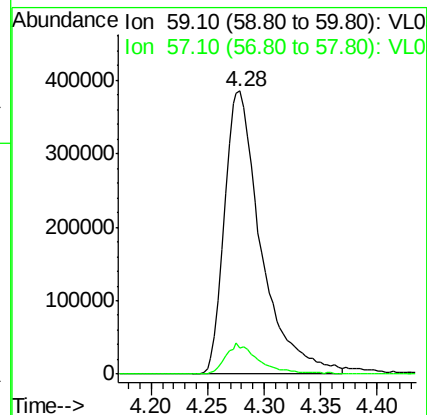
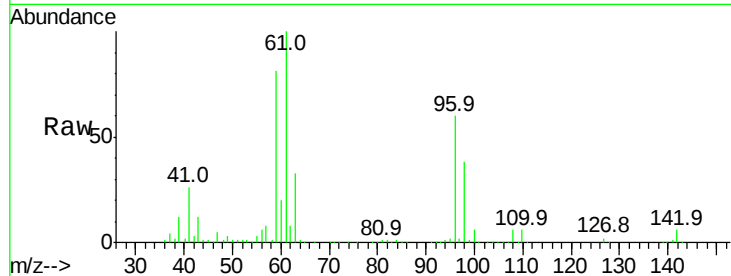
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#18

1,1-Dichloroethene

Concen: 13.02 ppbv

RT: 4.28 min Scan# 465

Delta R.T. 0.00 min

Lab File: VL038559.D

Acq: 8 Mar 2022 14:57

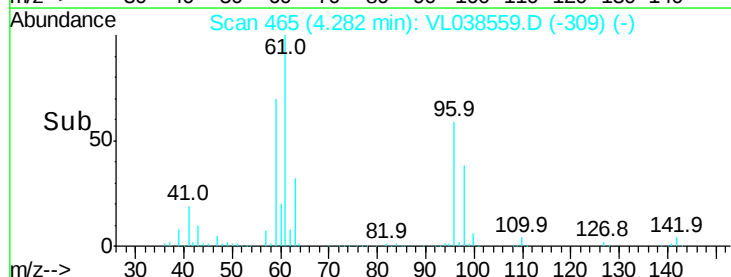
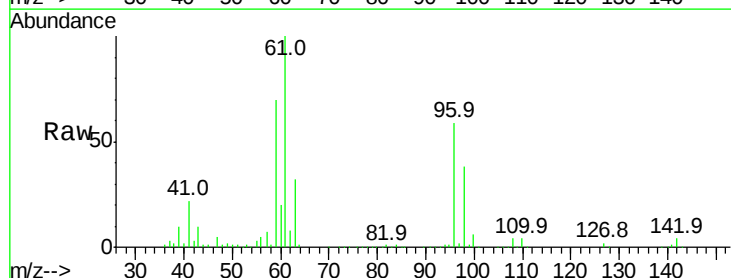
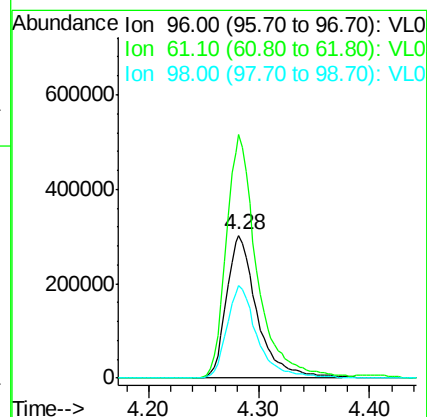
Tgt Ion: 96 Resp: 582856

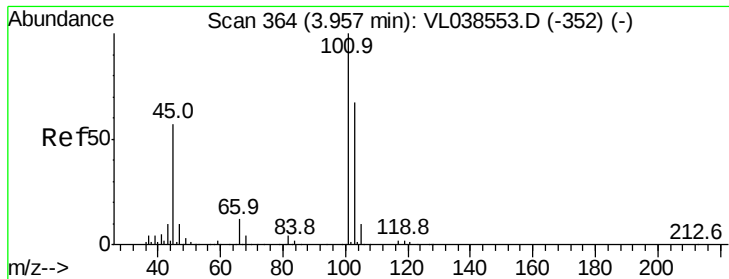
Ion Ratio Lower Upper

96 100

61 170.6 137.4 206.0

98 65.0 49.3 73.9





#19

Isopropyl Alcohol

Concen: 11.47 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 14:57

Tgt Ion:

Ion Ratio

45 100

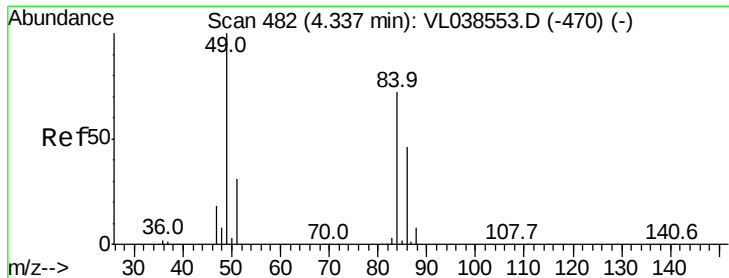
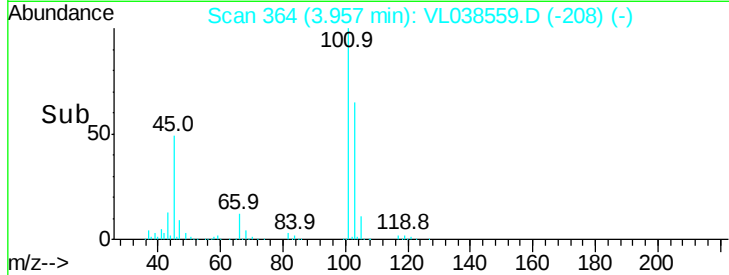
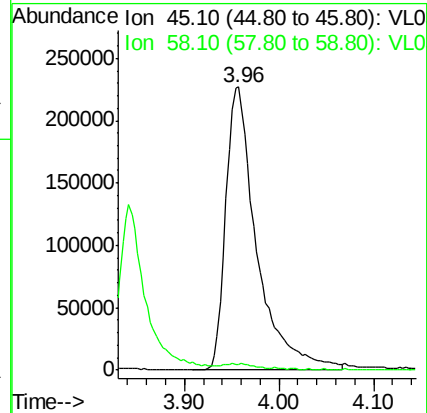
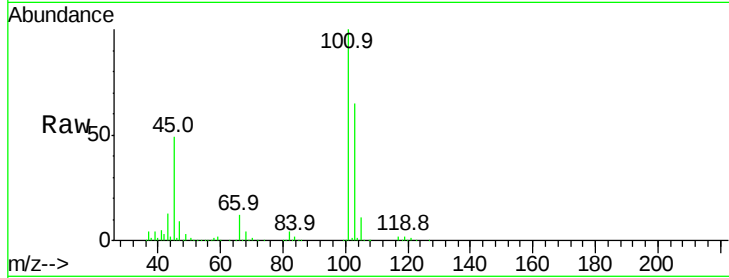
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#20

Methylene Chloride

Concen: 12.53 ppbv

RT: 4.34 min Scan# 482

Delta R.T. 0.00 min

Lab File: VL038559.D

Acq: 8 Mar 2022 14:57

Tgt Ion: 84 Resp: 484308

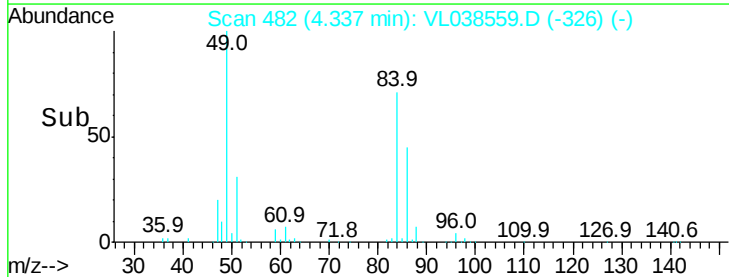
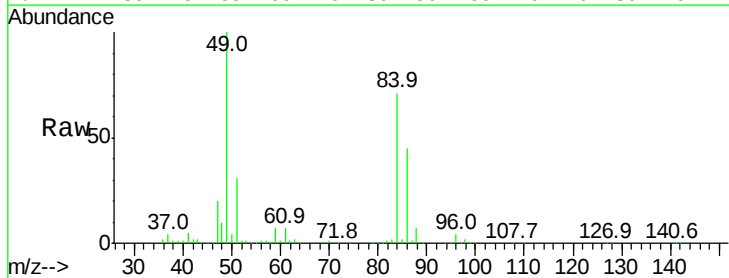
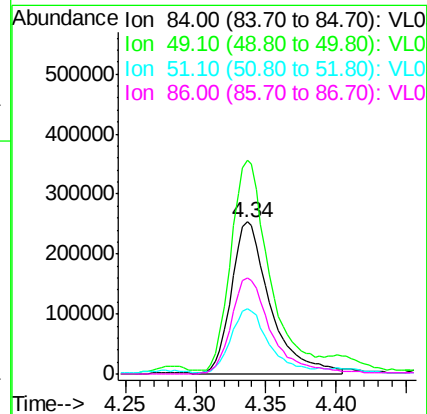
Ion Ratio Lower Upper

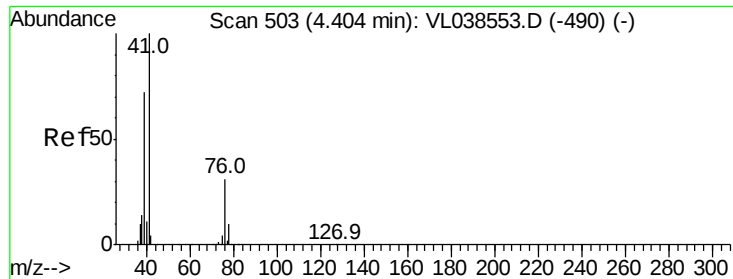
84 100

49 138.1 111.1 166.7

51 42.0 34.0 51.0

86 62.9 50.9 76.3



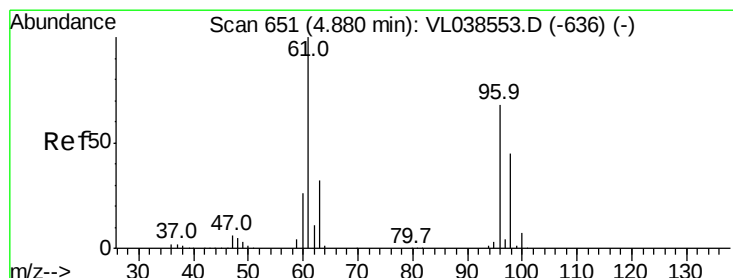
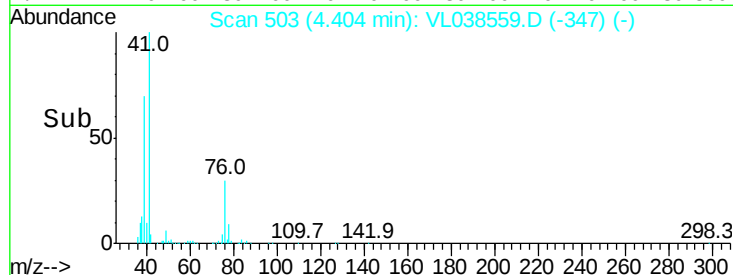
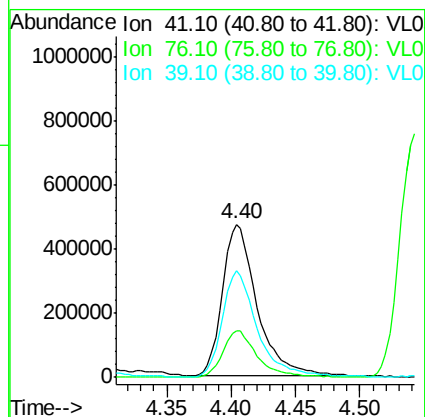
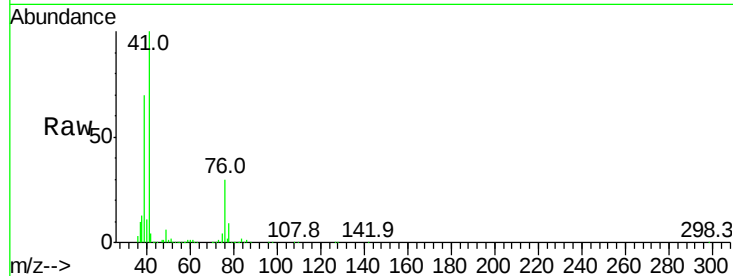


#21
 Allyl Chloride
 Concen: 13.30 ppbv
 RT: 4.40
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 14:57

Tgt Ion:
 Ion Ratio
 41 100
 76 31.
 39 70.

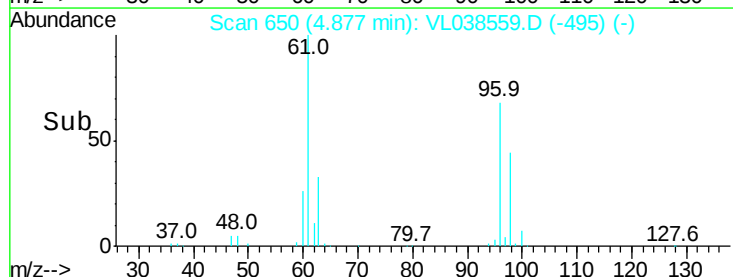
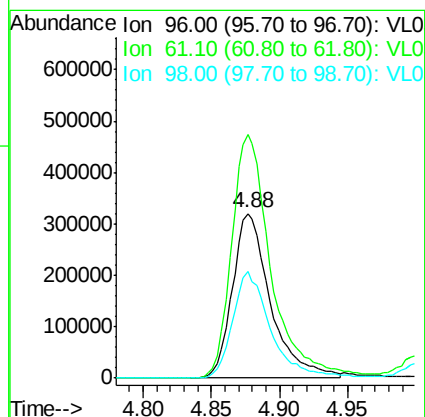
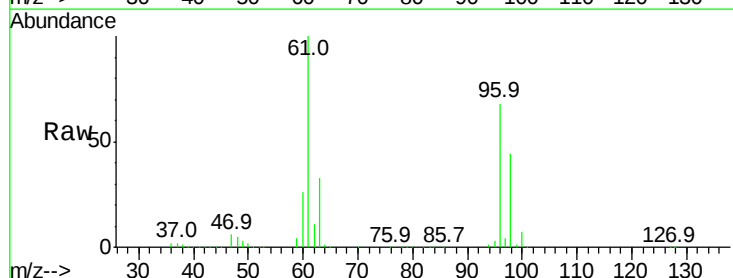
Manual Integrations
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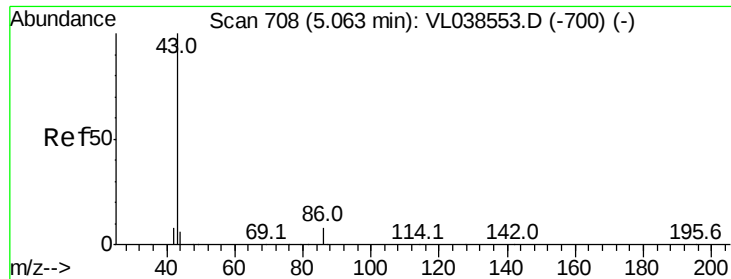
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#22
 trans-1,2-Dichloroethene
 Concen: 13.77 ppbv
 RT: 4.88 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: VL038559.D
 Acq: 8 Mar 2022 14:57

Tgt Ion: 96 Resp: 622203
 Ion Ratio Lower Upper
 96 100
 61 147.6 117.6 176.4
 98 64.7 52.6 78.8



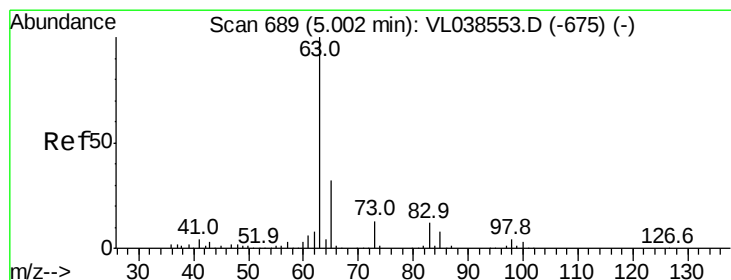
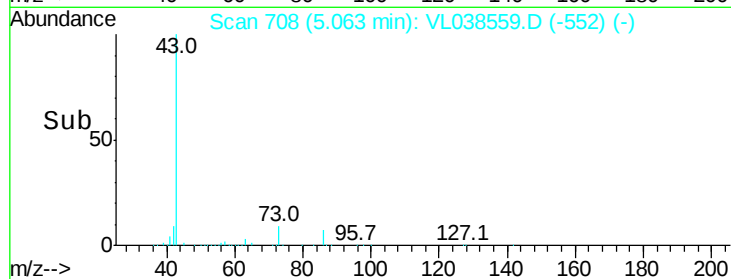
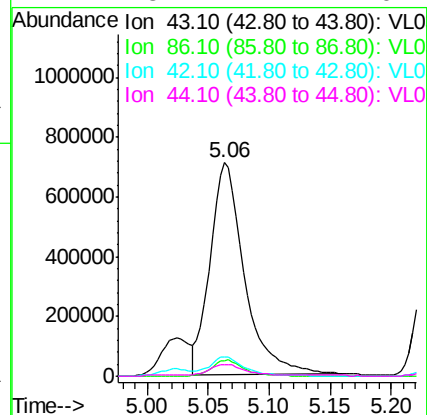
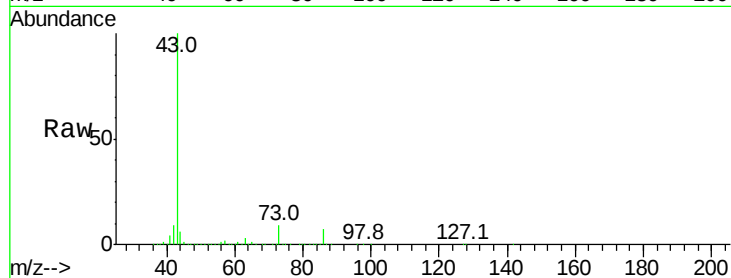


#23
 Vinyl Acetate
 Concen: 13.53 ppbv
 RT: 5.06
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 8 Mar 2022 14:57

Tgt Ion:
 Ion Ratio
 43 100
 86 7.
 42 9.
 44 5.2 4.1 6.1

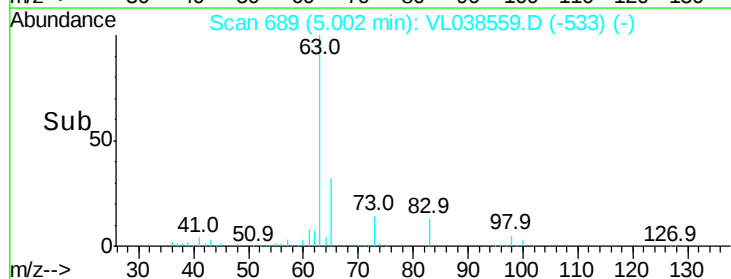
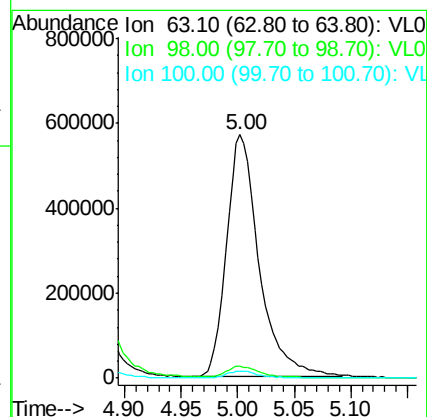
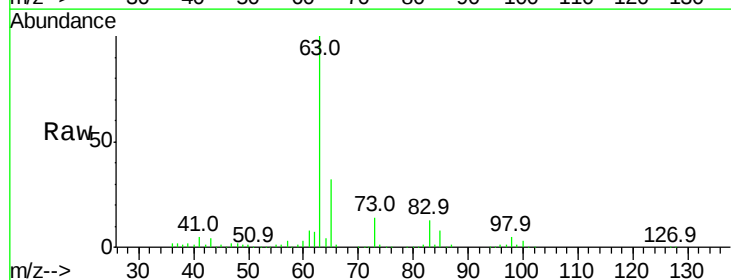
Manual Integrations
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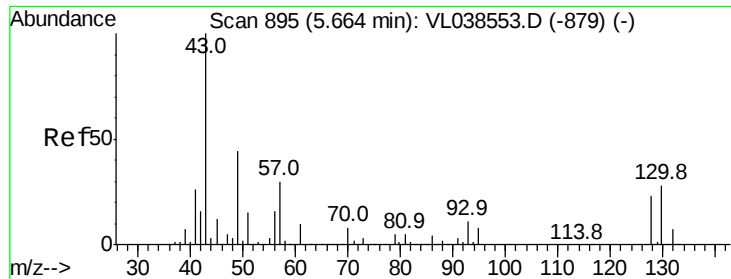
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#24
 1,1-Dichloroethane
 Concen: 12.35 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VL038559.D
 Acq: 8 Mar 2022 14:57

Tgt Ion: 63 Resp: 1147696
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.2 6.6
 100 2.8 1.5 4.5



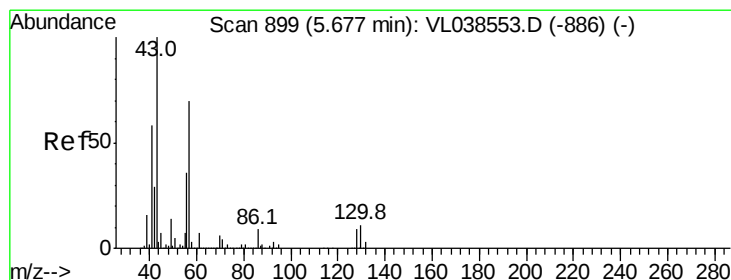
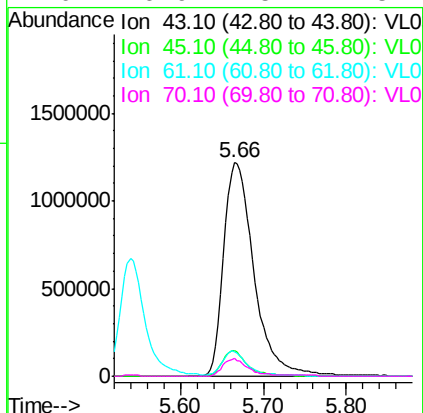
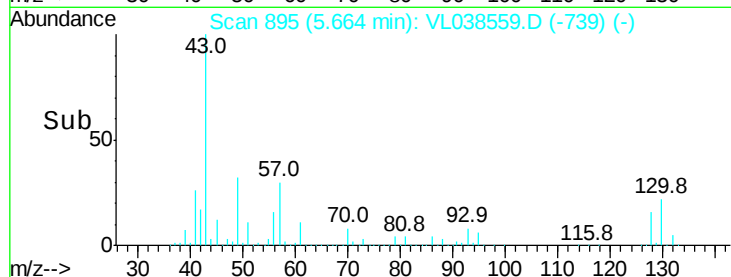
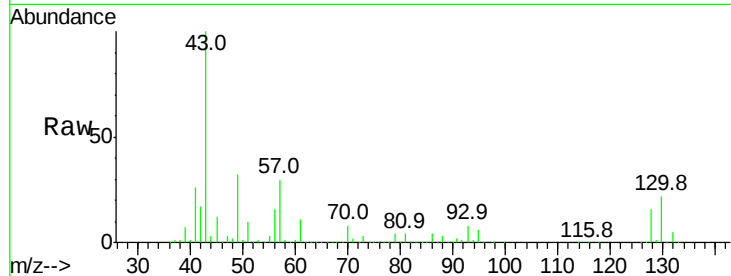


#25
Ethyl Acetate
Concen: 14.72 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 14:57

Tgt Ion: 43
Ion Ratio: 100
61 10.
70 6.9 5.4 8.2

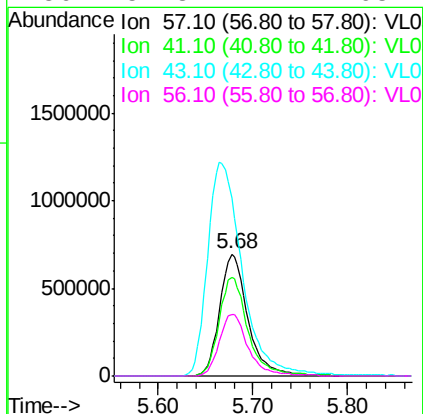
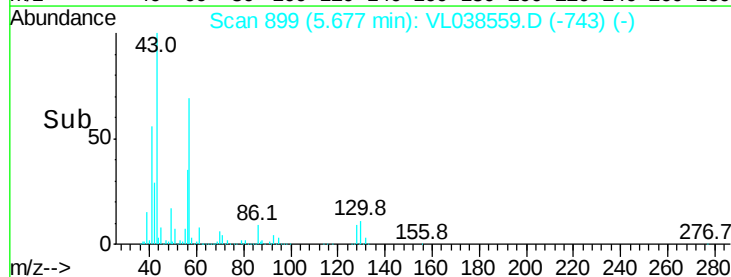
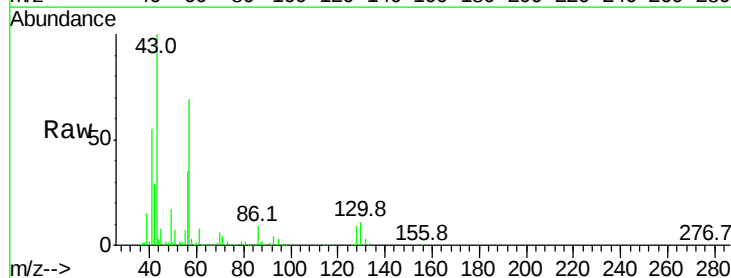
Manual Integrations
APPROVED

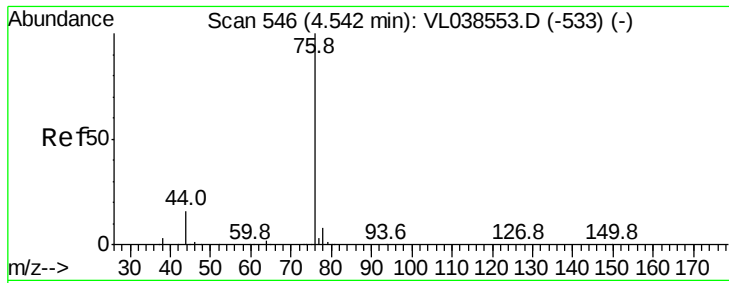
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#26
Hexane
Concen: 15.23 ppbv
RT: 5.68 min Scan# 899
Delta R.T.: 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 57 Resp: 1445734
Ion Ratio Lower Upper
57 100
41 83.4 67.8 101.6
43 214.9 173.6 260.4
56 52.3 42.2 63.2



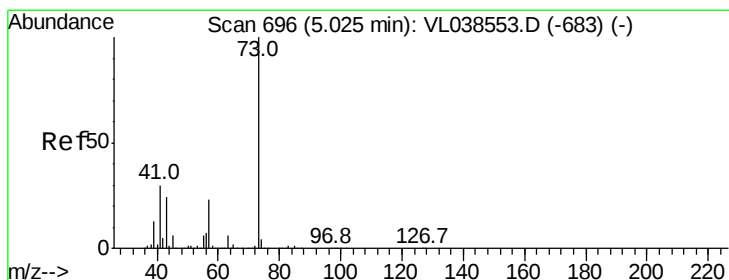
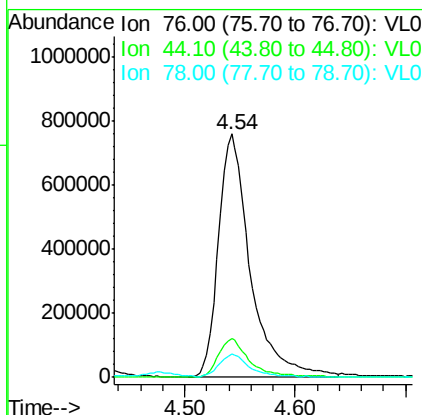
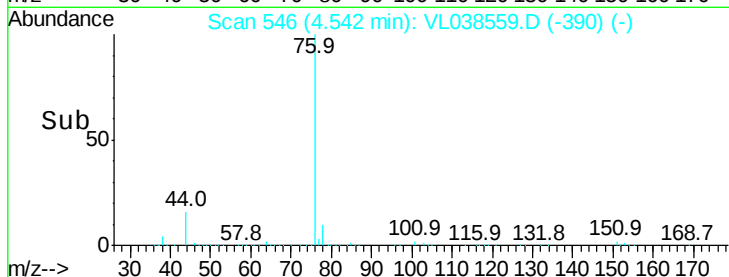
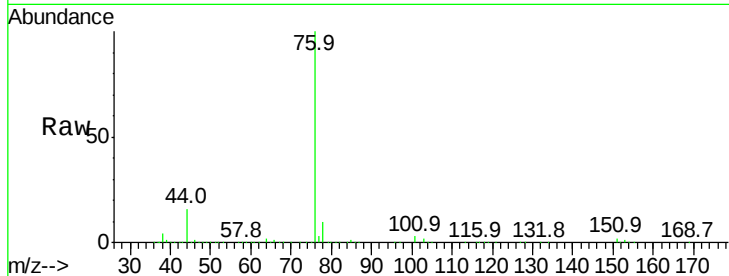


#27
Carbon Disulfide
Concen: 14.38 ppbv
RT: 4.54
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Mar 2022 14:57

Tgt Ion:
Ion Ratio
76 100
44 15.
78 9.

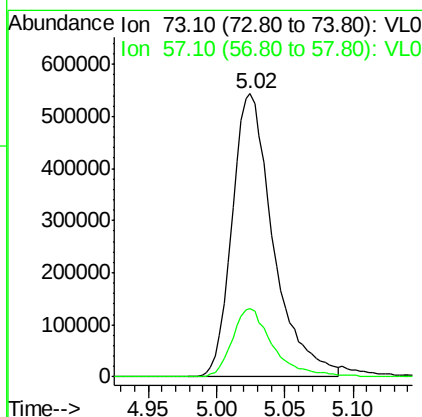
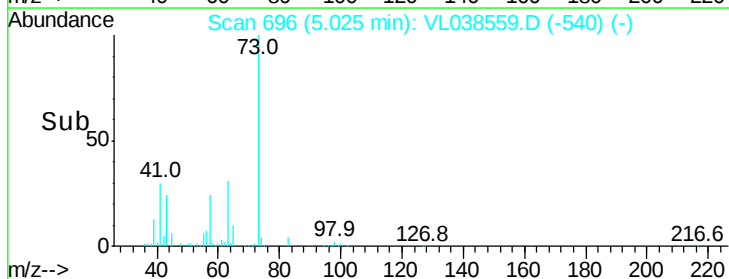
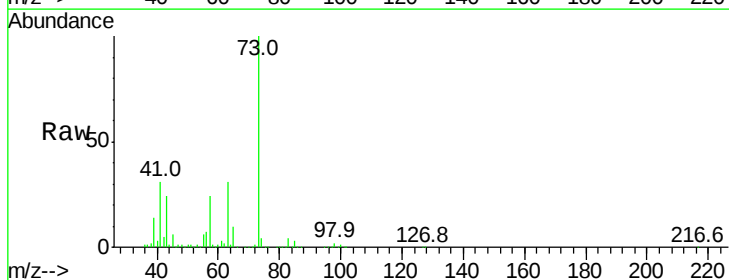
Manual Integrations
APPROVED

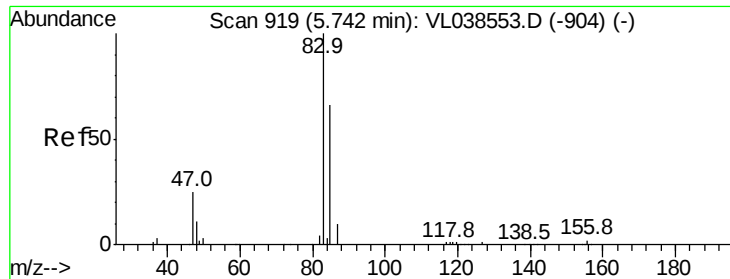
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#28
Methyl tert-Butyl Ether
Concen: 11.79 ppbv
RT: 5.02 min Scan# 696
Delta R.T.: 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 73 Resp: 1139860
Ion Ratio Lower Upper
73 100
57 24.3 18.8 28.2



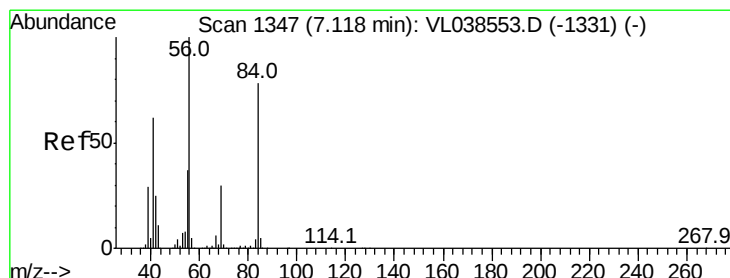
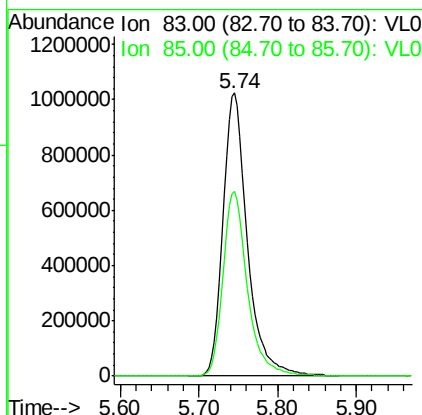
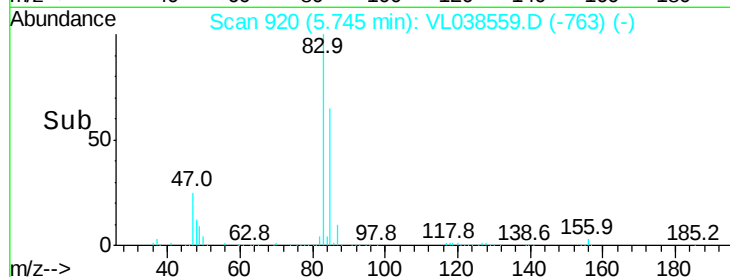
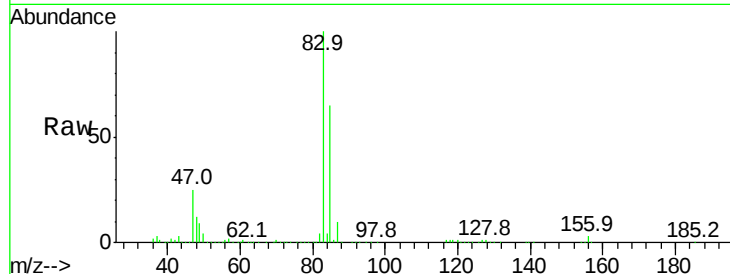


#29
Chloroform
Concen: 14.17 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Mar 2022 14:57

Tgt Ion:
Ion Ratio
83 100
85 65.

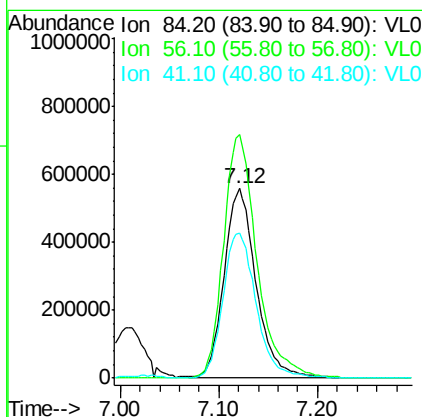
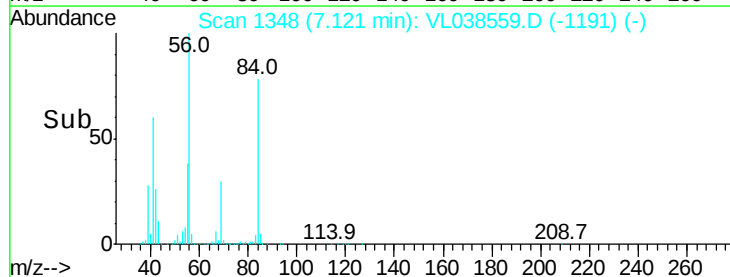
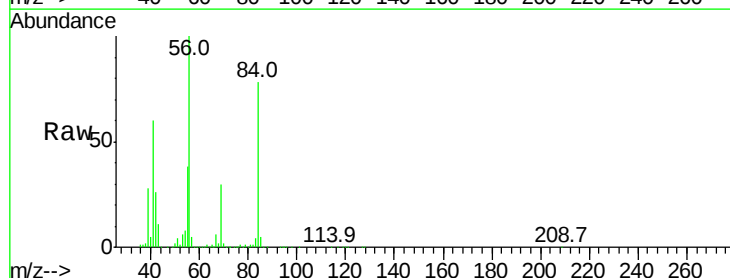
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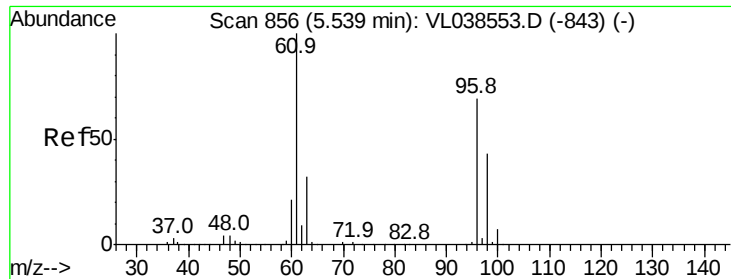
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#30
Cyclohexane
Concen: 16.15 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 84 Resp: 1253739
Ion Ratio Lower Upper
84 100
56 135.4 111.4 167.0
41 80.2 65.5 98.3





#31

cis-1,2-Dichloroethene

Concen: 15.19 ppbv

RT: 5.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:57 VSTDIC015

Tgt Ion:

Ion Ratio

61 100

96 69.

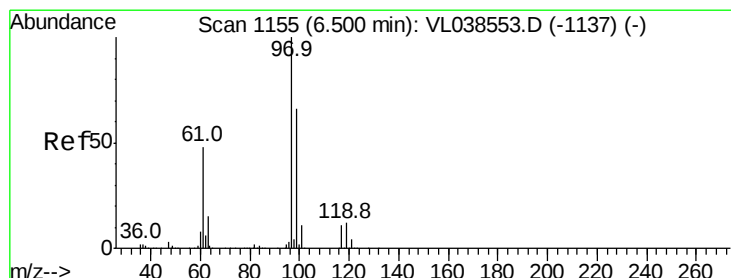
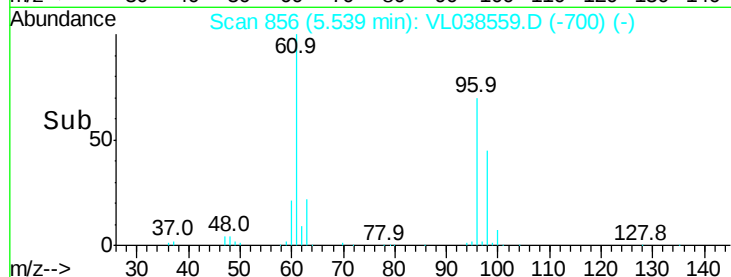
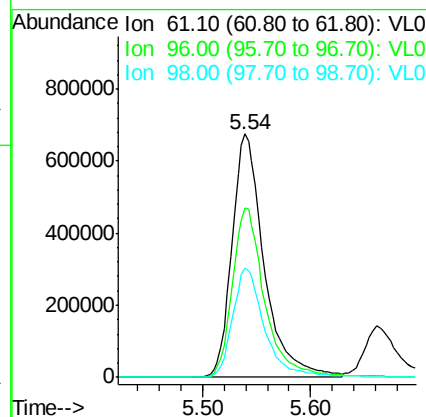
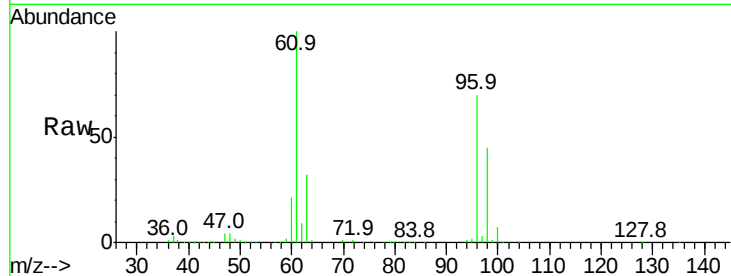
98 44.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#32

1,1,1-Trichloroethane

Concen: 13.39 ppbv

RT: 6.50 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VL038559.D

Acq: 8 Mar 2022 14:57

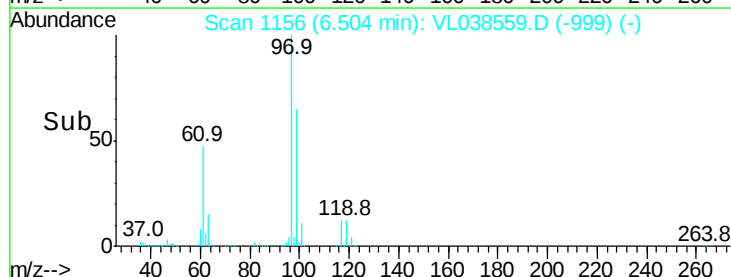
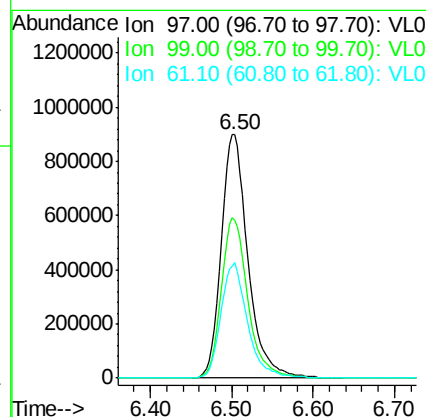
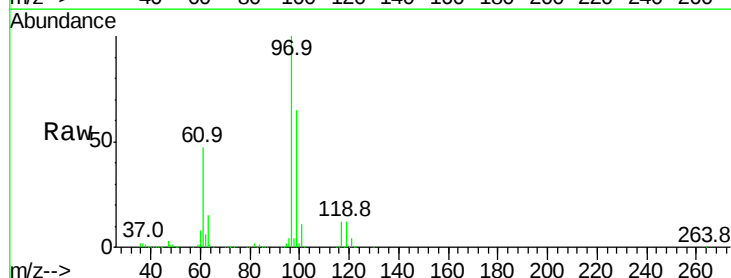
Tgt Ion: 97 Resp: 2085921

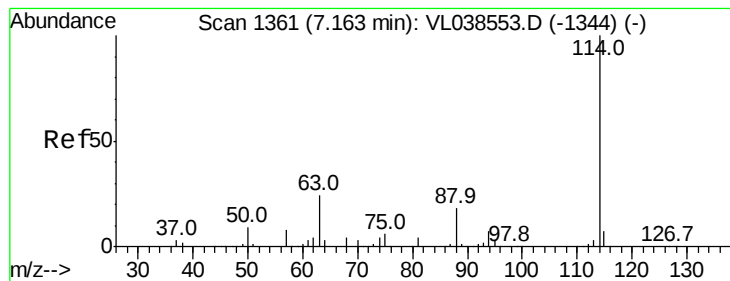
Ion Ratio Lower Upper

97 100

99 65.5 52.1 78.1

61 47.0 37.7 56.5





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:57 VSTDIC015

Tgt Ion:1

Ion Rati

114 100

63 24.

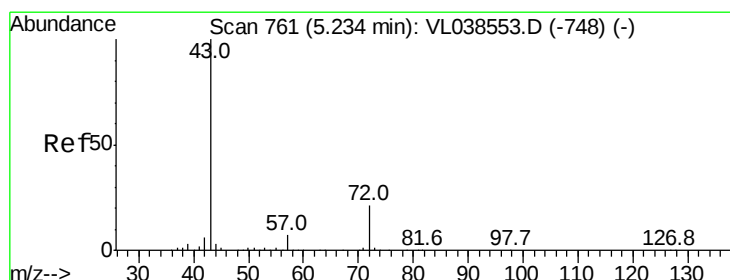
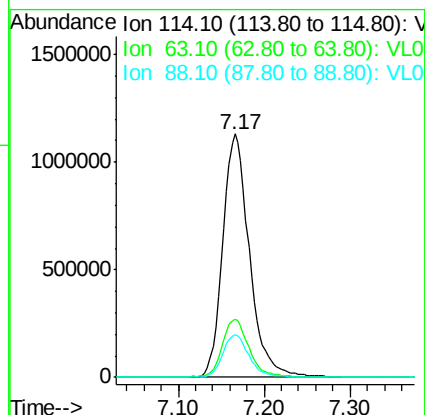
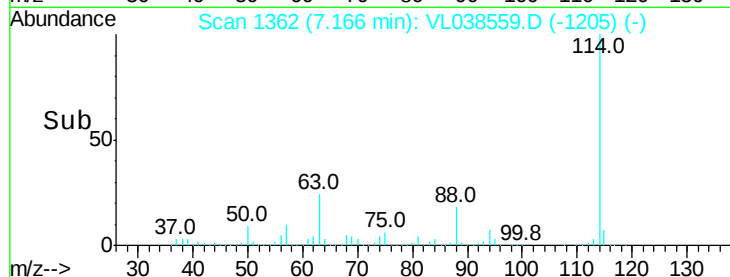
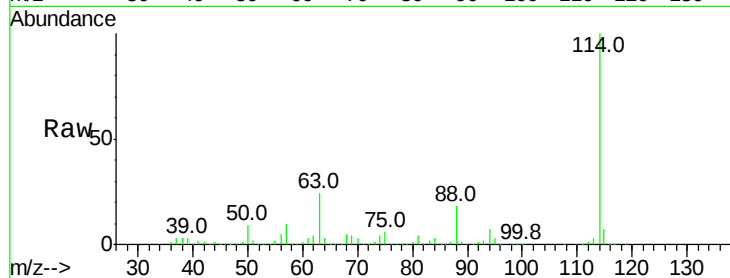
88 17.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#34

2-Butanone

Concen: 12.25 ppbv

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VL038559.D

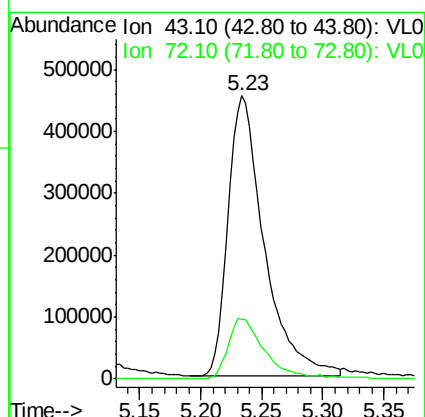
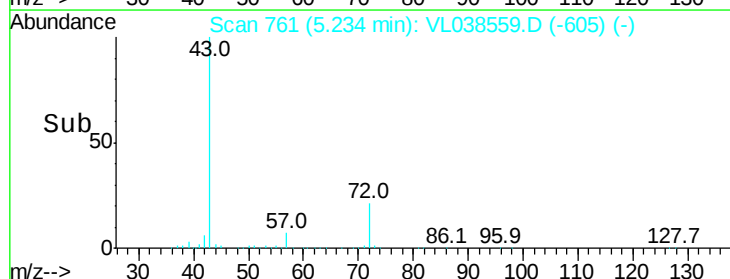
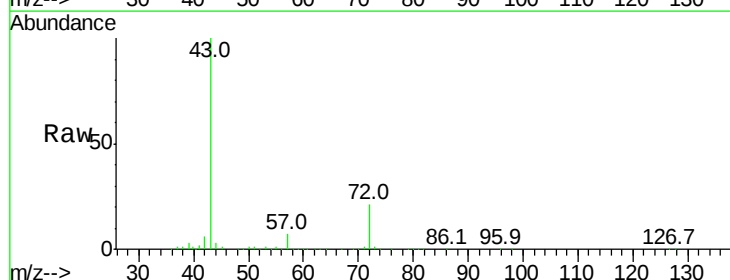
Acq: 8 Mar 2022 14:57

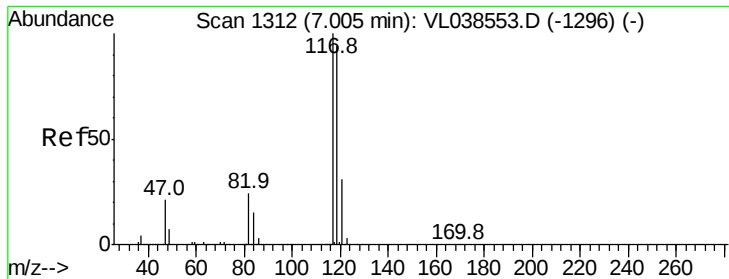
Tgt Ion: 43 Resp: 941691

Ion Ratio Lower Upper

43 100

72 22.6 17.8 26.6



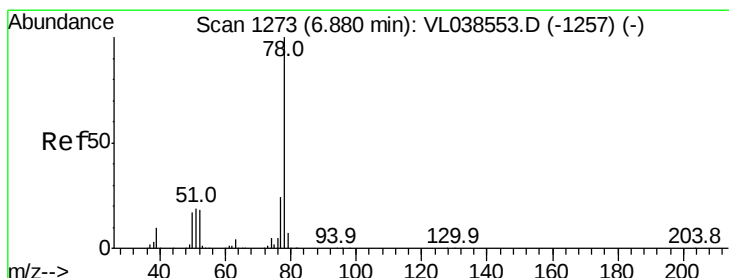
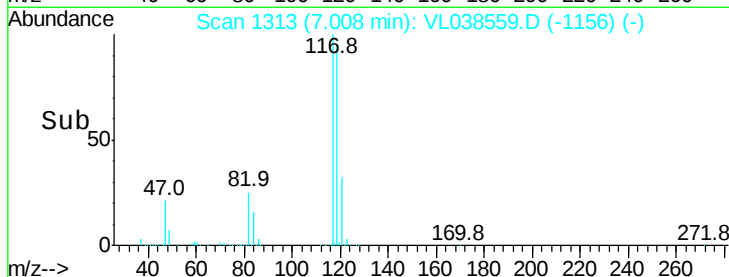
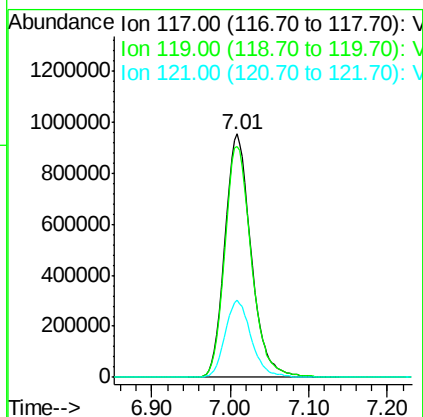
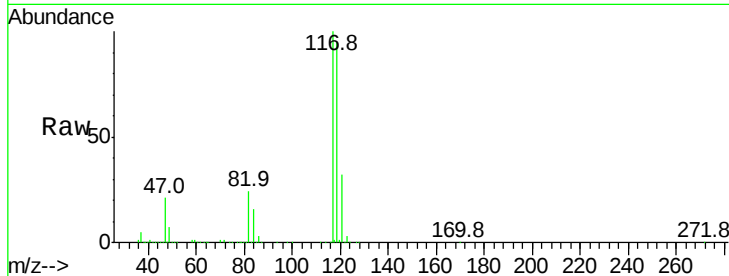


#35
Carbon Tetrachloride
Concen: 12.77 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 14:57

Tgt Ion:1
Ion Rati
117 100
119 95.
121 31.

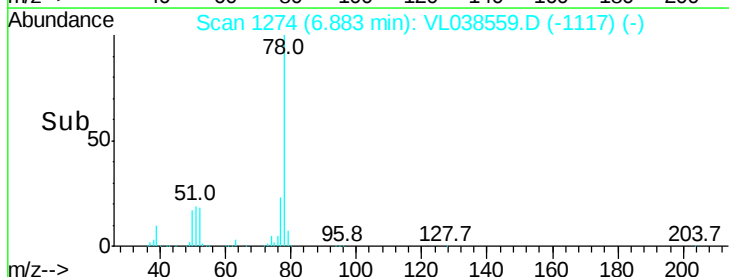
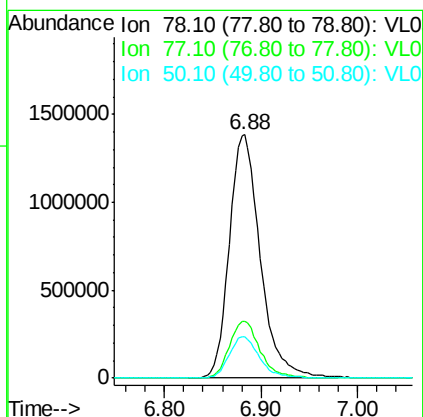
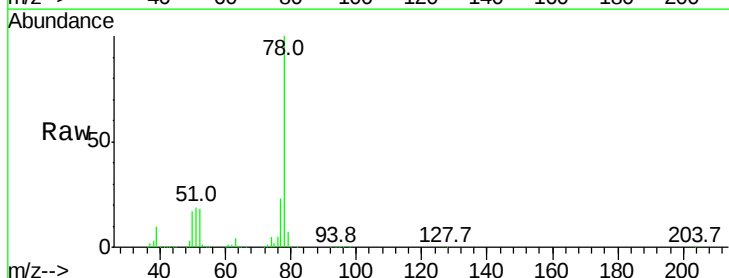
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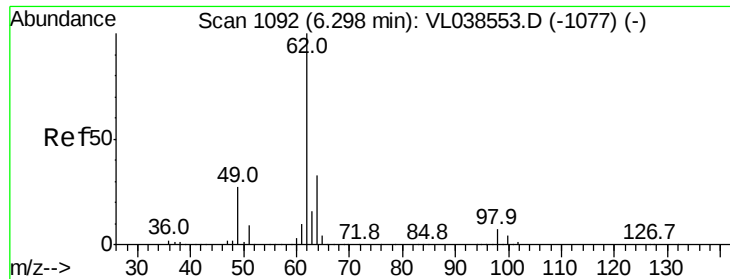
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#36
Benzene
Concen: 14.31 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 78 Resp: 3078854
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4
50 17.2 13.9 20.9



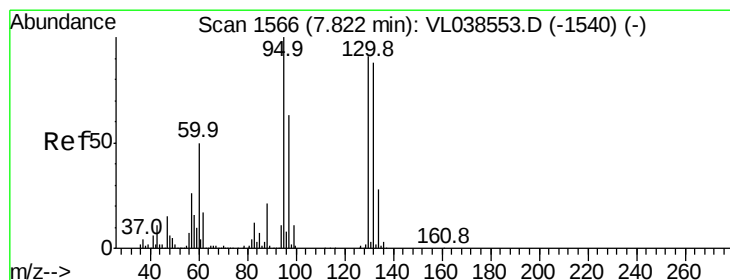
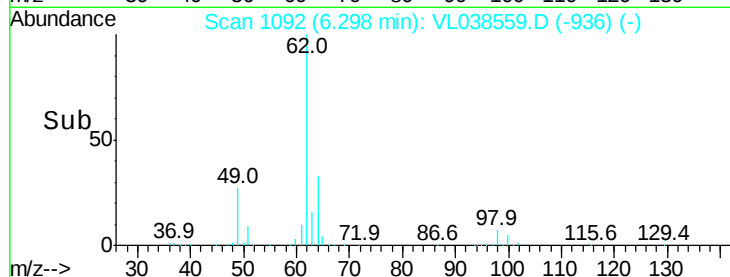
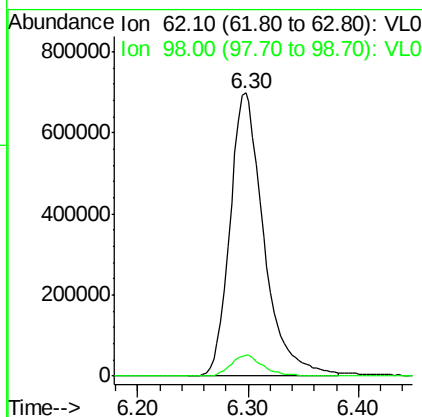
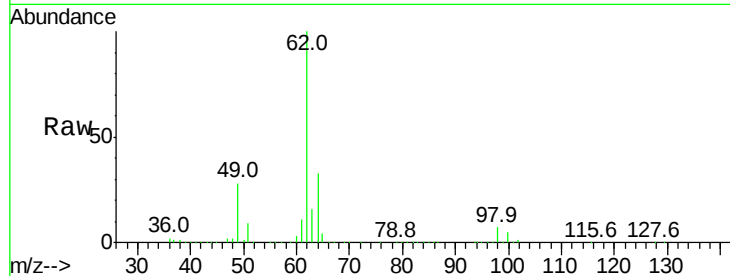


#37
 1,2-Dichloroethane
 Concen: 11.99 ppbv
 RT: 6.30
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 8 Mar 2022 14:57

Tgt Ion: 62.10 (61.80 to 62.80): VL0
 Ion Ratio: 100
 98 7.

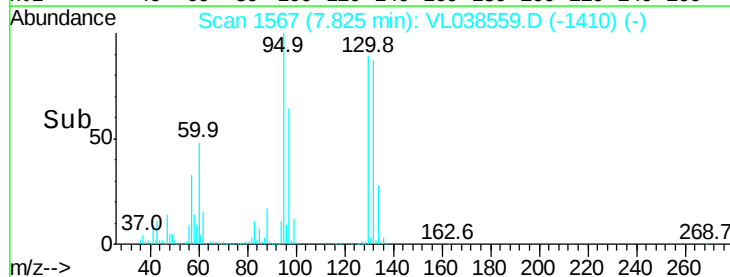
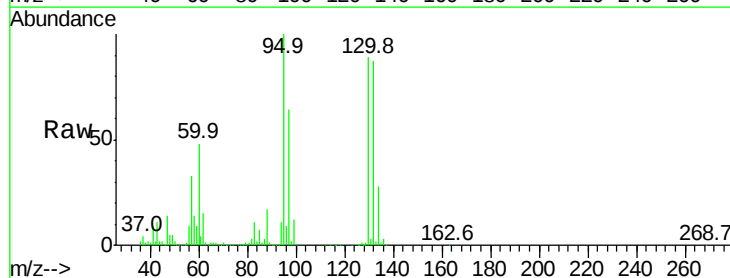
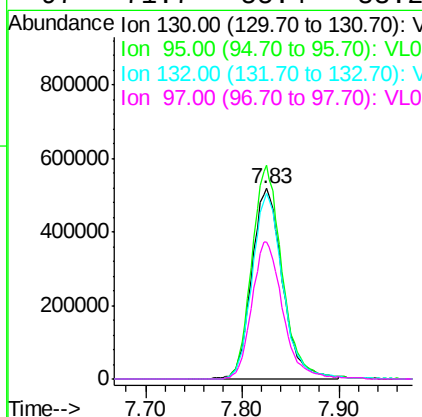
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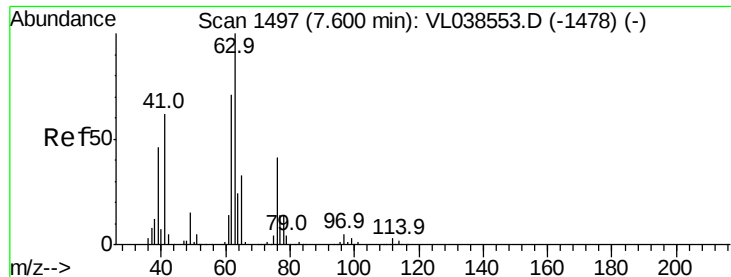
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#38
 Trichloroethene
 Concen: 14.64 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T.: 0.00 min
 Lab File: VL038559.D
 Acq: 8 Mar 2022 14:57

Tgt Ion:130 Resp: 1147930
 Ion Ratio Lower Upper
 130 100
 95 112.3 87.8 131.8
 132 97.4 77.5 116.3
 97 71.7 55.4 83.2



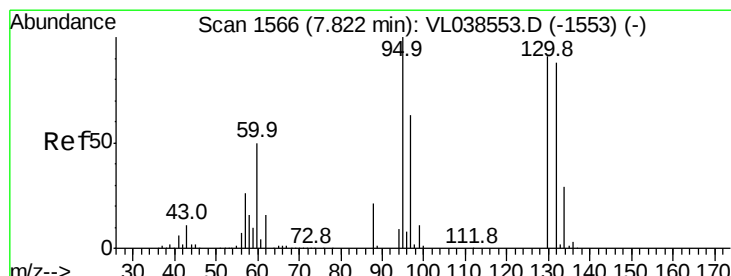
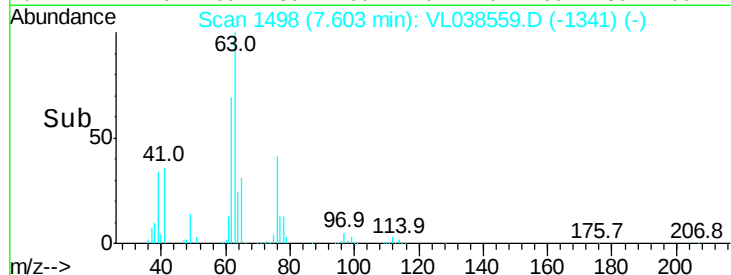
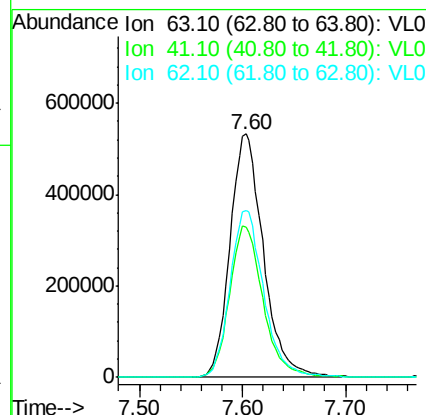
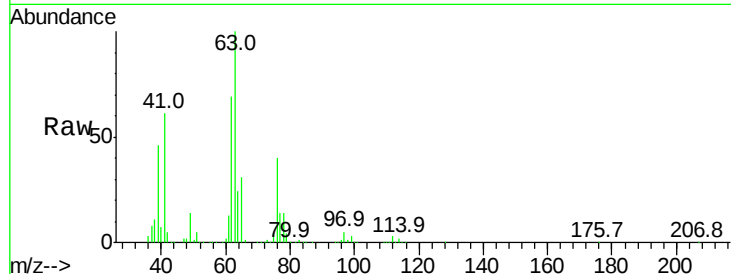


#39
 1,2-Dichloropropane
 Concen: 13.99 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 14:57

Tgt Ion:
 Ion Ratio
 63 100
 41 61.
 62 68.

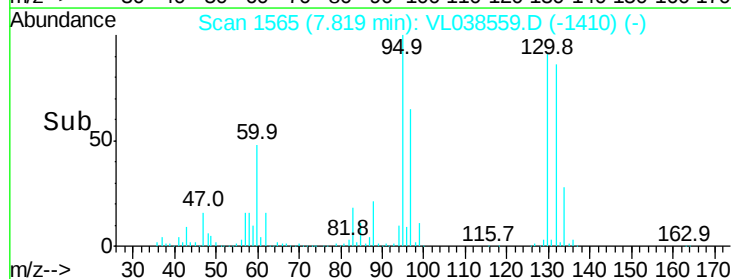
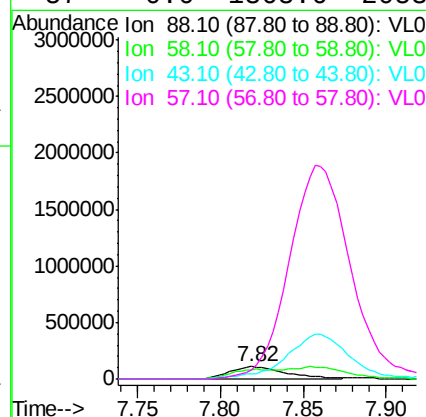
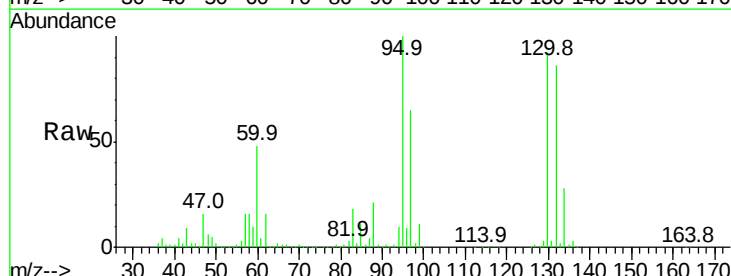
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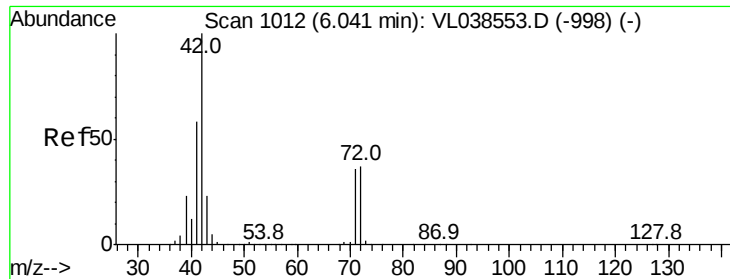
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#40
 1,4-Dioxane
 Concen: 12.46 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VL038559.D
 Acq: 8 Mar 2022 14:57

Tgt Ion: 88 Resp: 253393
 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#



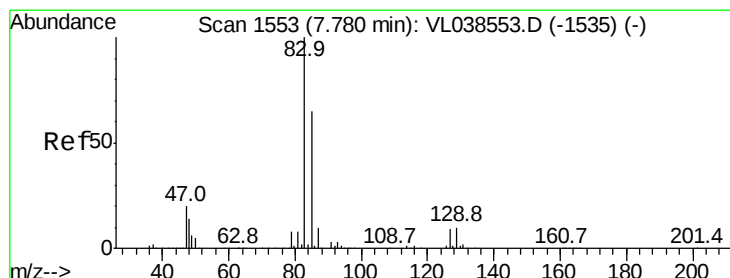
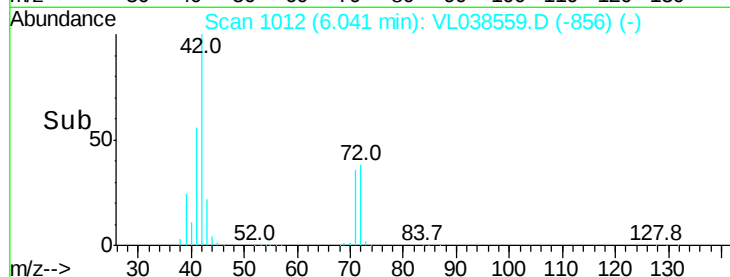
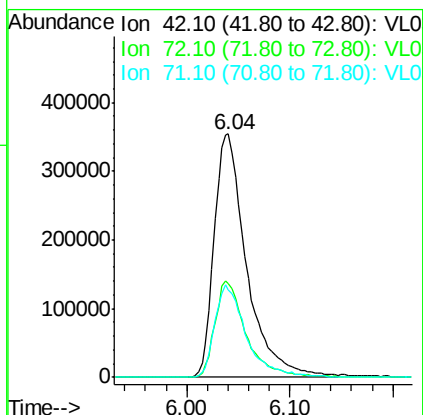
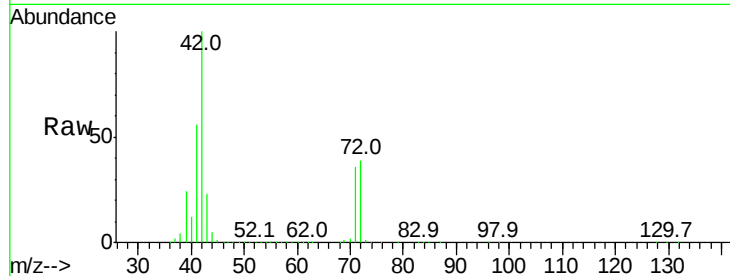


#41
Tetrahydrofuran
Concen: 14.90 ppbv
RT: 6.04
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 14:57

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

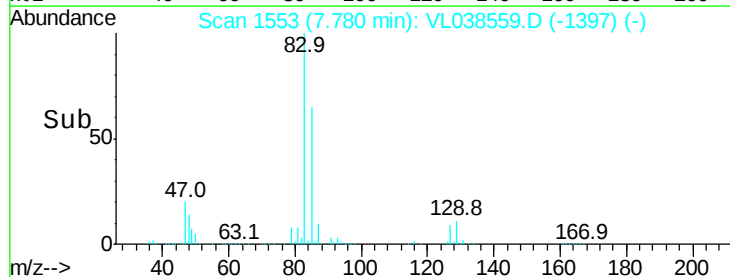
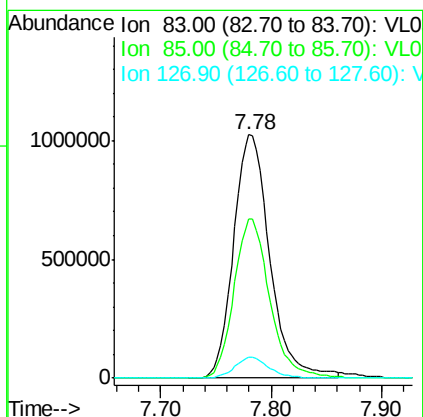
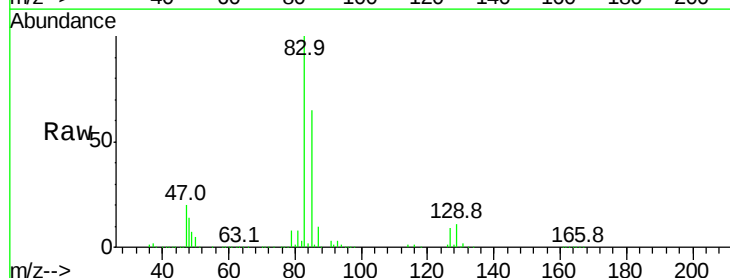
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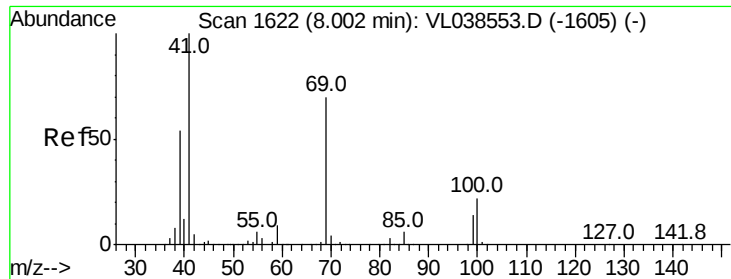
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#42
Bromodichloromethane
Concen: 13.01 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 83 Resp: 2337071
Ion Ratio Lower Upper
83 100
85 65.4 51.7 77.5
127 8.6 6.9 10.3



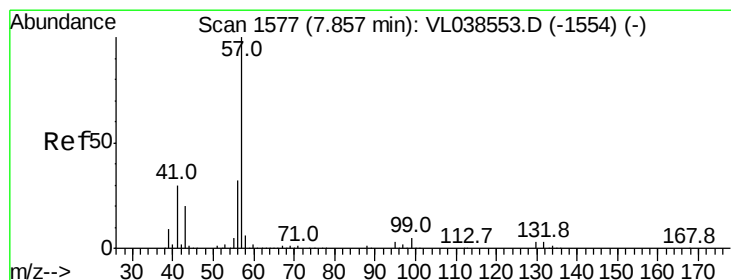
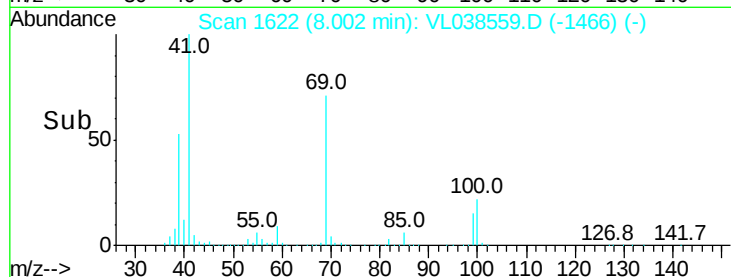
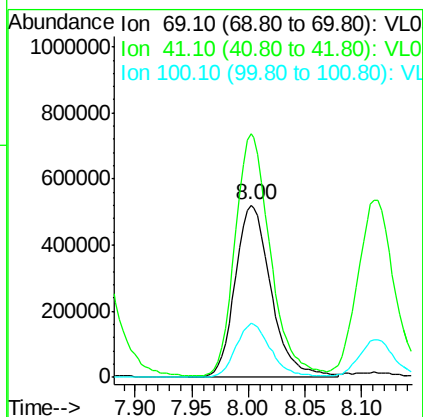
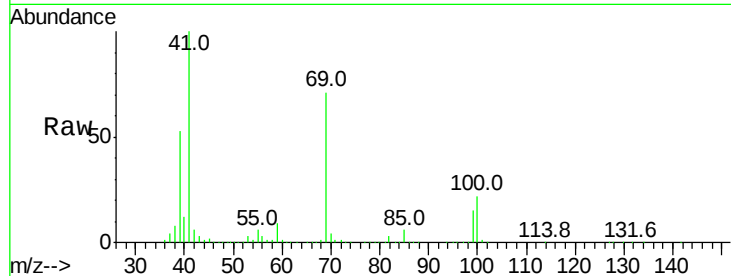


#43
Methyl Methacrylate
Concen: 15.38 ppbv
RT: 8.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 8 Mar 2022 14:57

Tgt Ion:
Ion Ratio
69 100
41 139.
100 30.

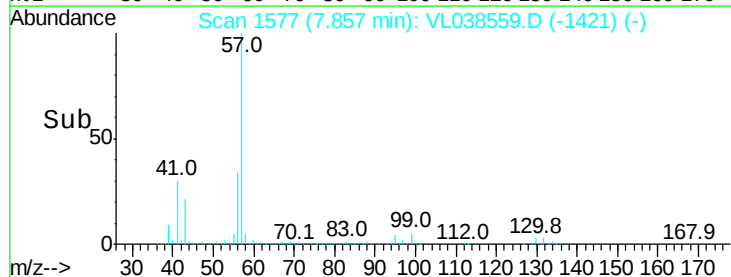
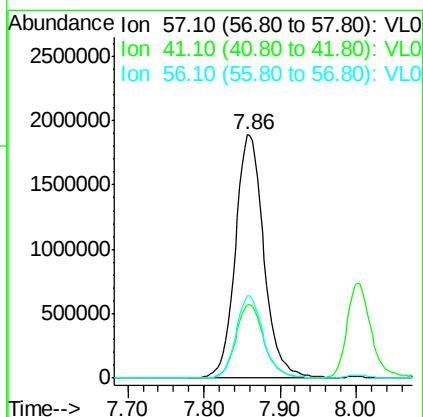
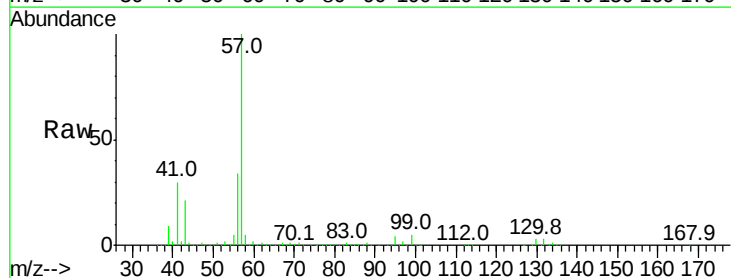
Manual Integrations
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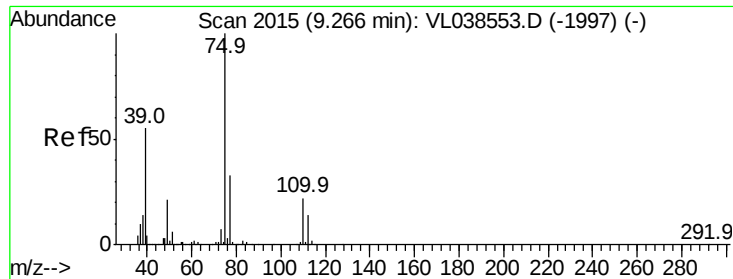
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#44
2,2,4-Trimethylpentane
Concen: 13.29 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 57 Resp: 4917922
Ion Ratio Lower Upper
57 100
41 30.0 24.0 36.0
56 32.5 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 15.75 ppbv

RT: 9.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 14:57

Tgt Ion:

Ion Ratio

75 100

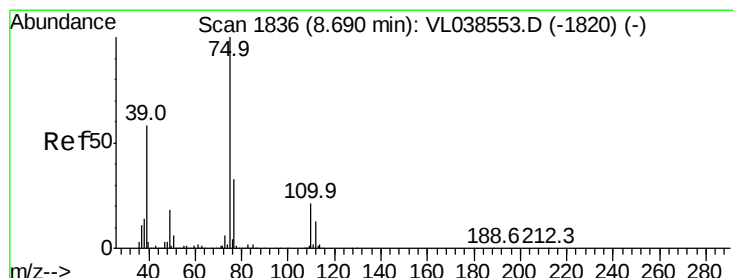
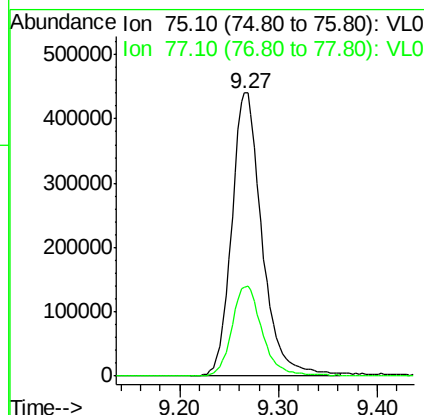
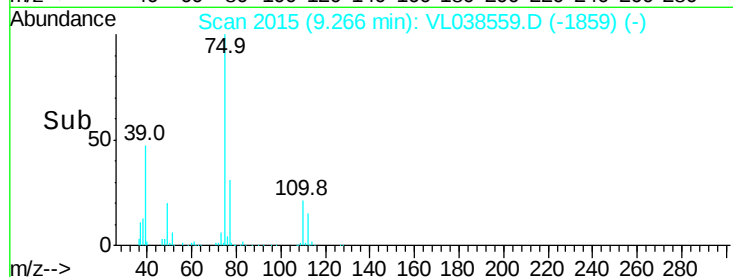
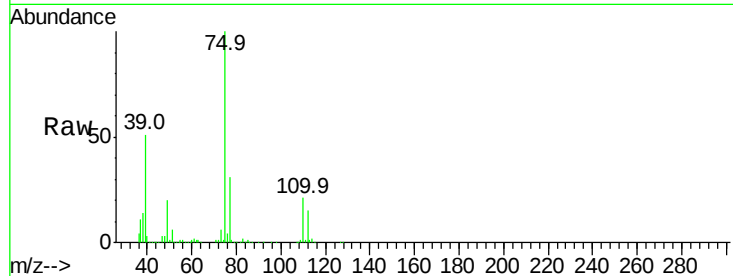
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#46

cis-1,3-Dichloropropene

Concen: 15.49 ppbv

RT: 8.69 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VL038559.D

Acq: 8 Mar 2022 14:57

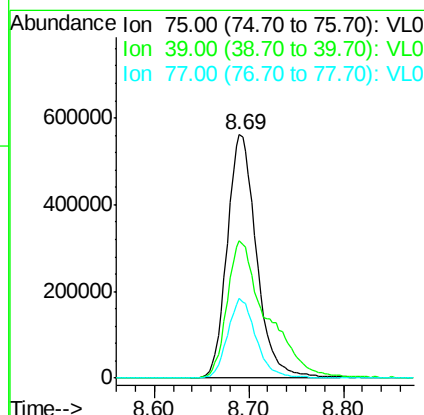
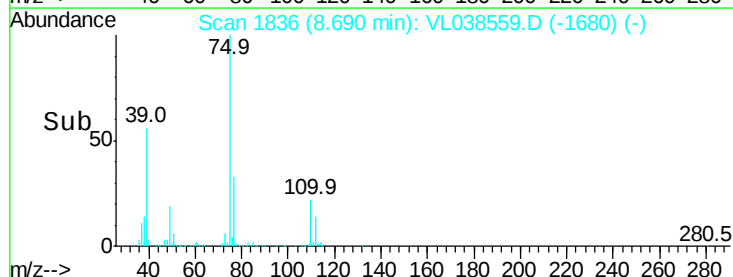
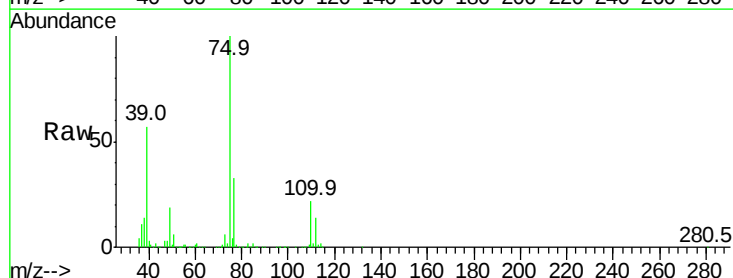
Tgt Ion: 75 Resp: 1213811

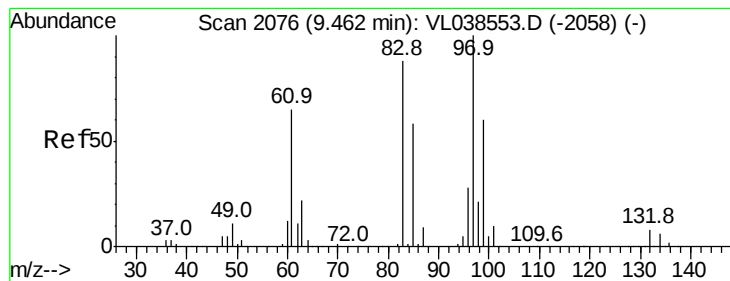
Ion Ratio Lower Upper

75 100

39 56.6 46.2 69.2

77 32.8 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 14.47 ppbv

RT: 9.46 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:57 VSTDIC015

Tgt Ion:

Ion Ratio

97 100

83 88.

85 59.

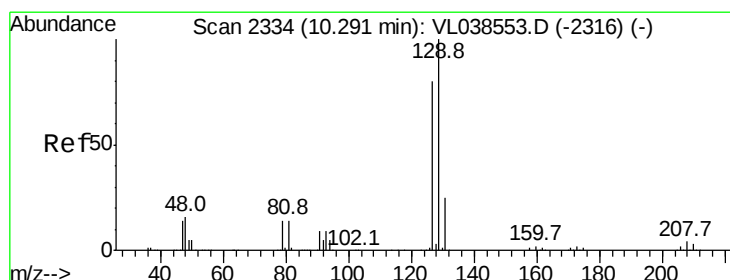
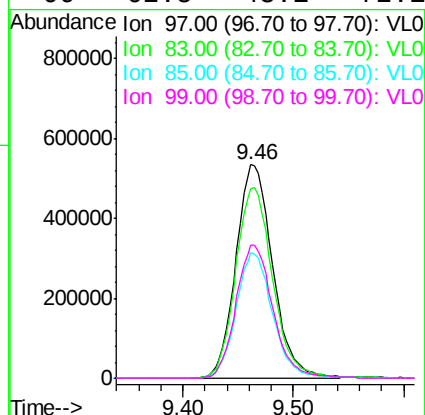
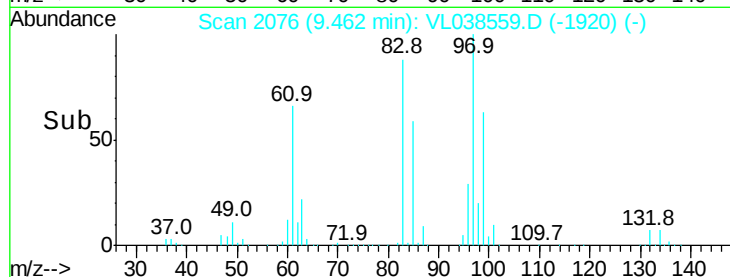
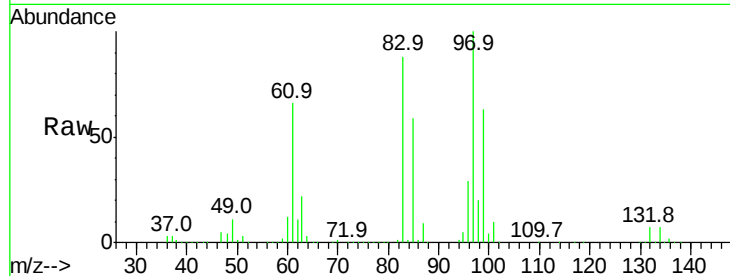
99 62.5 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#48

Dibromochloromethane

Concen: 14.62 ppbv

RT: 10.29 min Scan# 2334

Delta R.T. 0.00 min

Lab File: VL038559.D

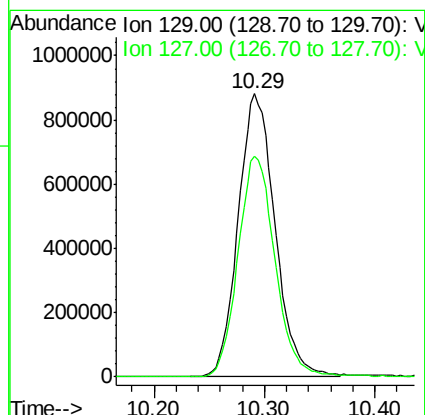
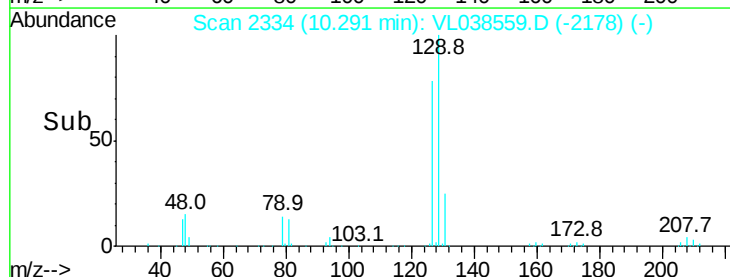
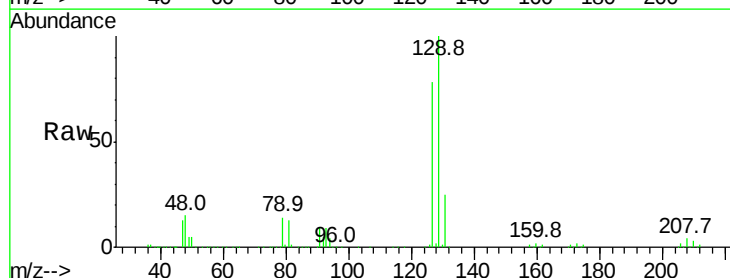
Acq: 8 Mar 2022 14:57

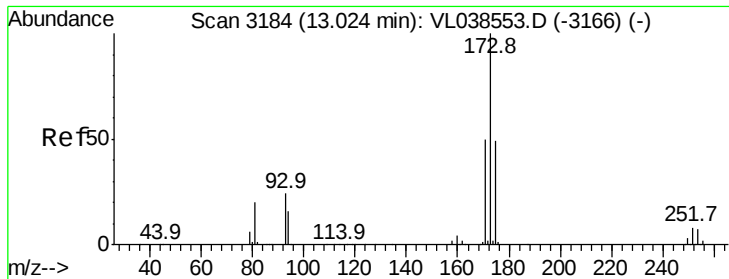
Tgt Ion:129 Resp: 2038985

Ion Ratio Lower Upper

129 100

127 79.4 39.5 118.3





#49

Bromoform

Concen: 15.85 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 14:57

Tgt Ion:1

Ion Ratio

173 100

175 50.

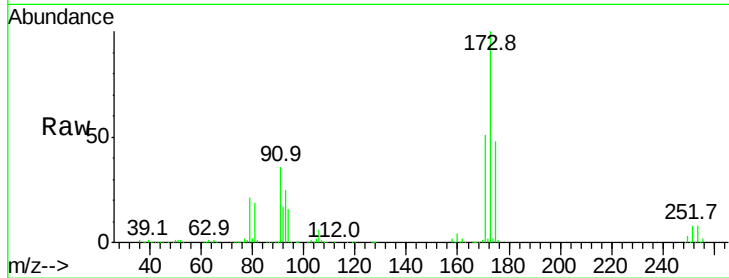
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

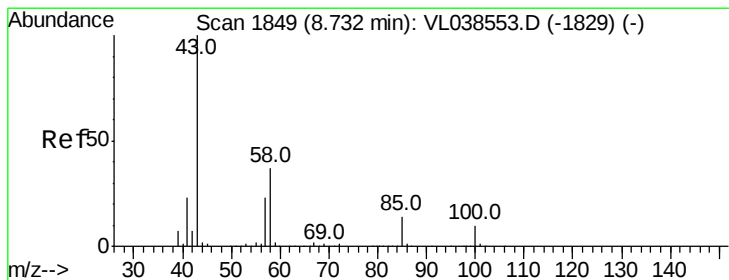
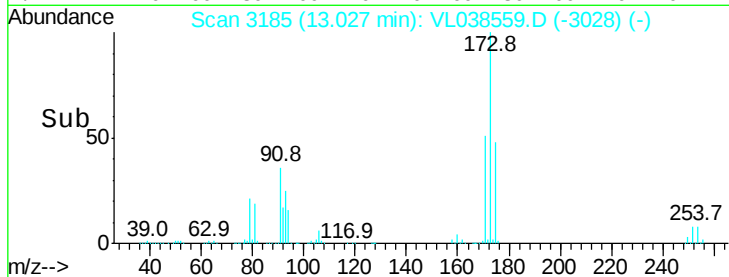
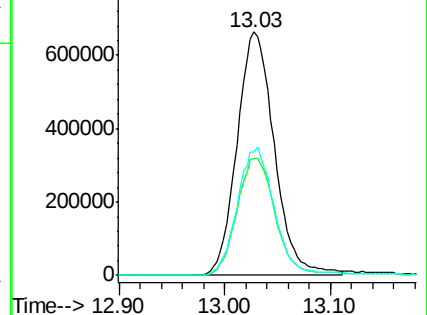
Supervised By :Mahesh Dadoda 03/14/2022



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 14.50 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VL038559.D

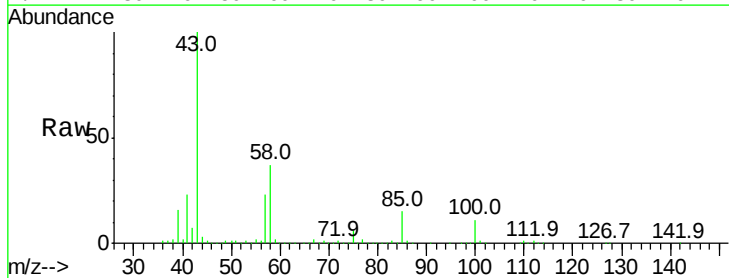
Acq: 8 Mar 2022 14:57

Tgt Ion: 43 Resp: 1971688

Ion Ratio Lower Upper

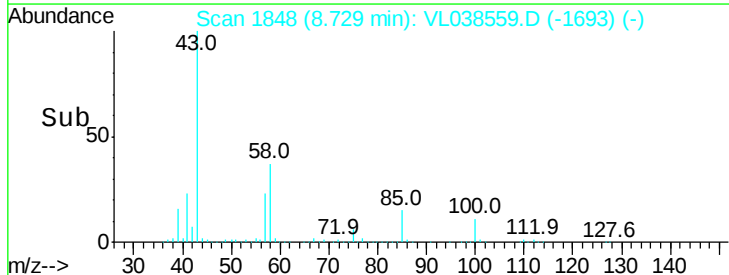
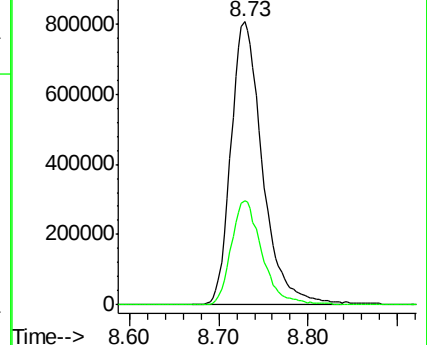
43 100

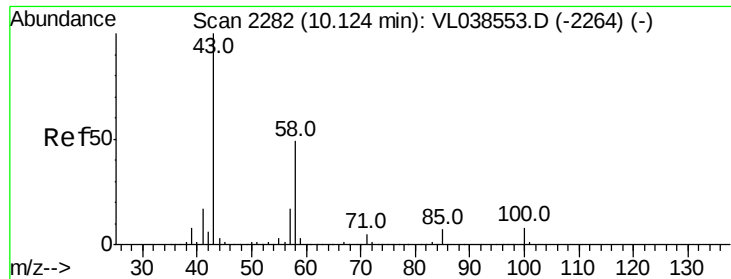
58 36.5 29.2 43.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 14.64 ppbv

RT: 10.12

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:57

Tgt Ion:

Ion Ratio

43 100

58 50.

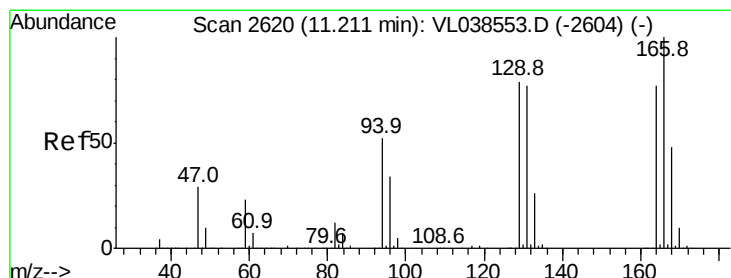
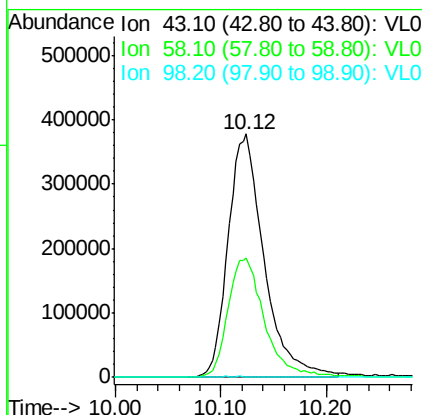
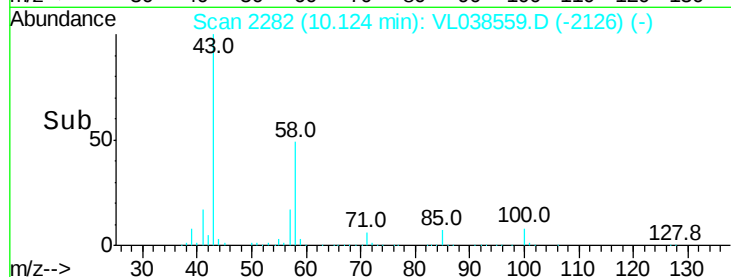
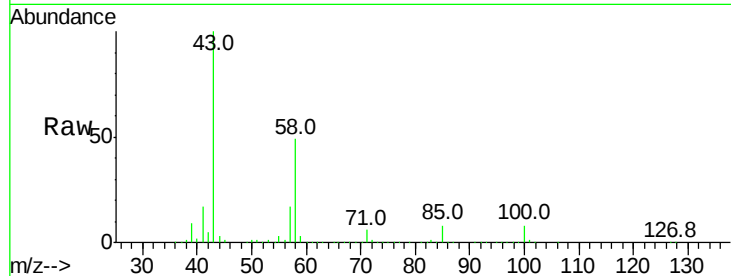
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#52

Tetrachloroethene

Concen: 15.12 ppbv

RT: 11.21 min Scan# 2621

Delta R.T. 0.00 min

Lab File: VL038559.D

Acq: 8 Mar 2022 14:57

Tgt Ion:164 Resp: 1080239

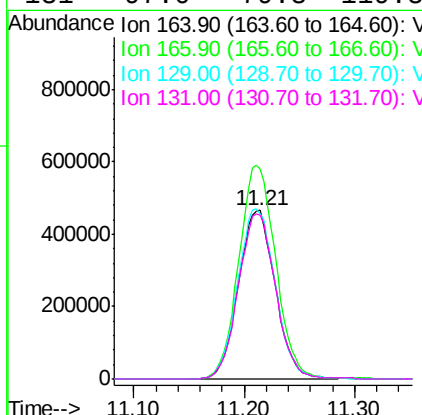
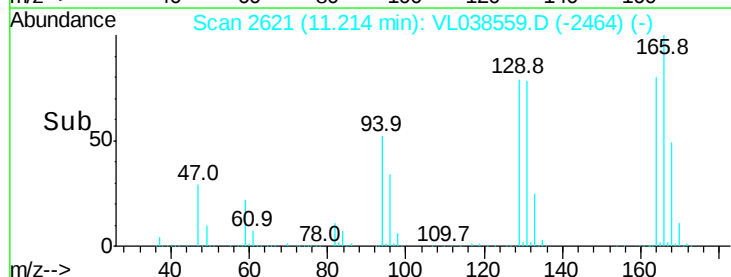
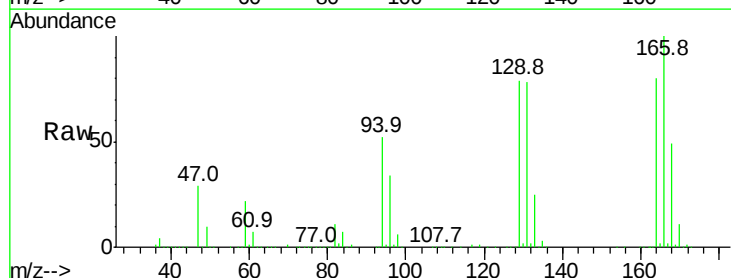
Ion Ratio Lower Upper

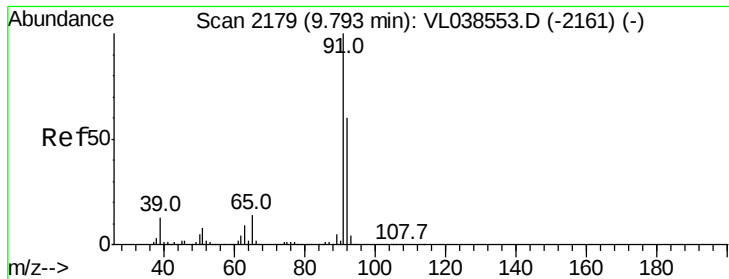
164 100

166 124.6 103.4 155.2

129 98.1 81.3 121.9

131 97.0 79.8 119.8





#53

Toluene

Concen: 14.80 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 14:57

Tgt Ion:

Ion Ratio

91 100

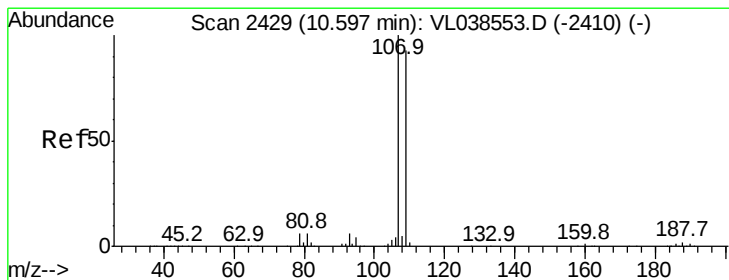
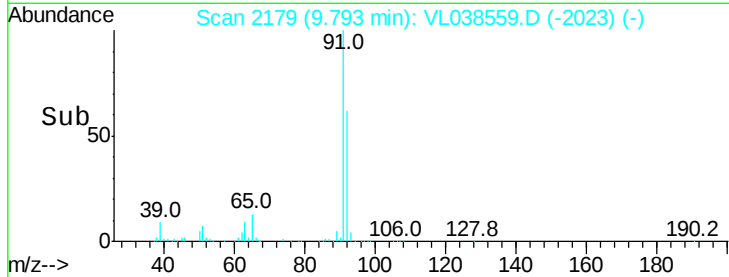
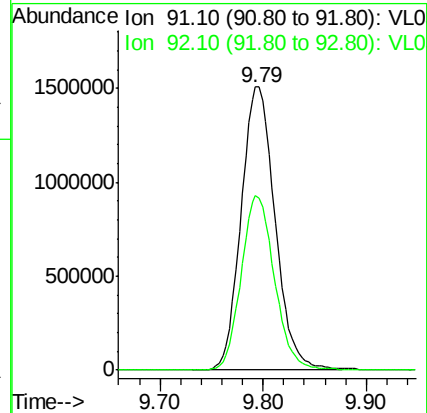
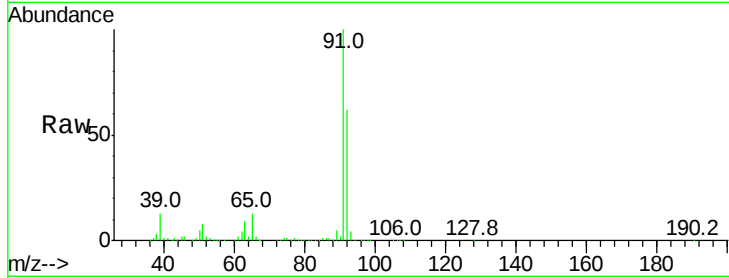
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#54

1,2-Dibromoethane

Concen: 14.91 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VL038559.D

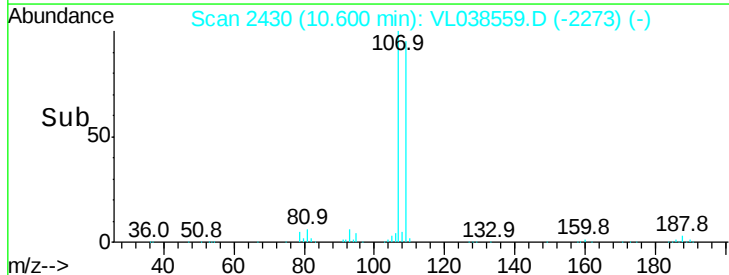
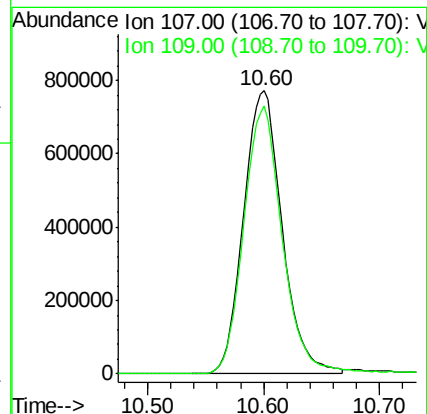
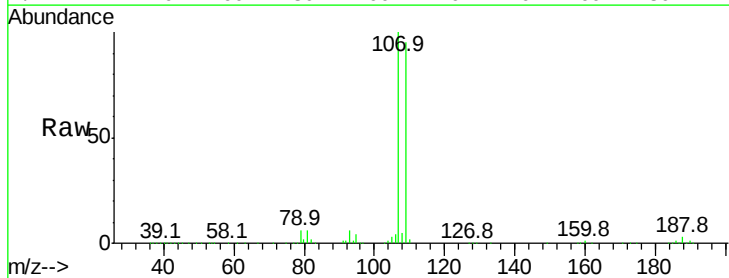
Acq: 8 Mar 2022 14:57

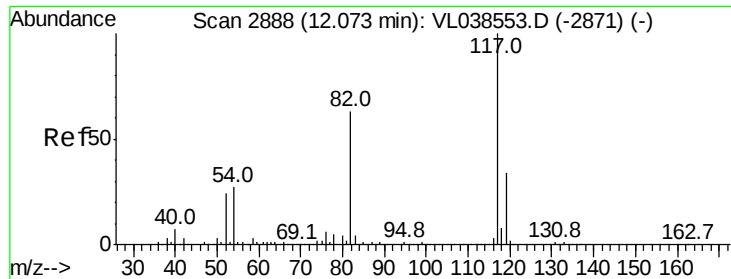
Tgt Ion:107 Resp: 1789901

Ion Ratio Lower Upper

107 100

109 94.7 74.6 112.0



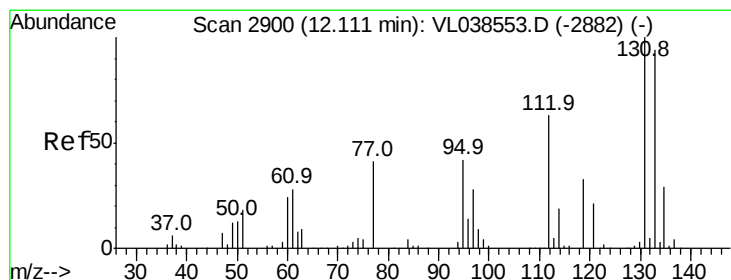
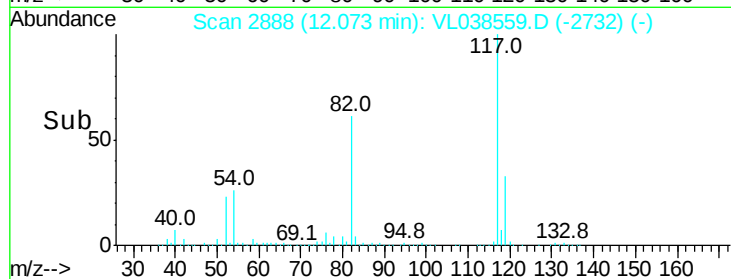
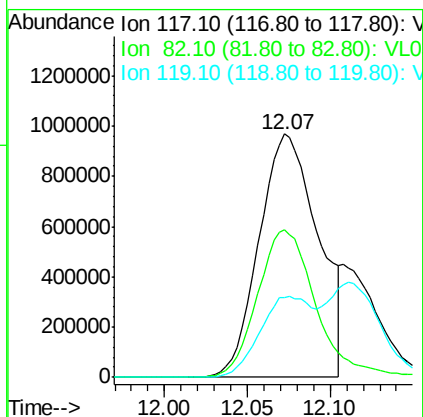
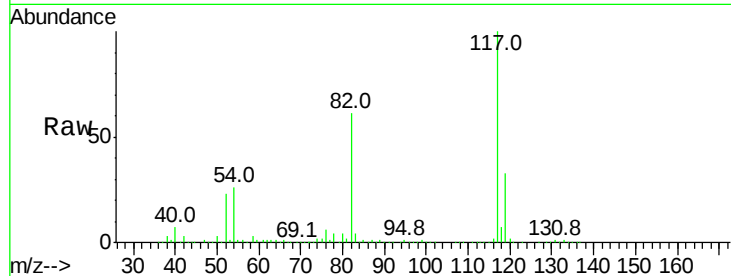


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 14:57

Tgt Ion: 117.0
Ion Ratio: 100
82.0 61.1
119.0 27.1

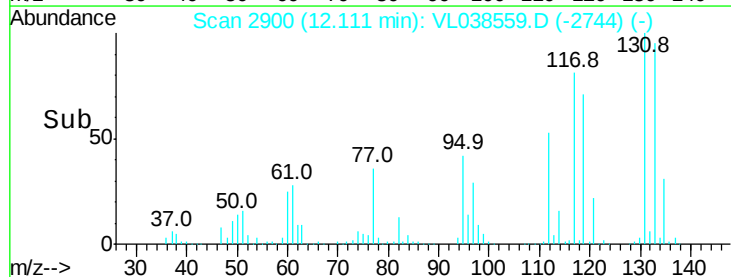
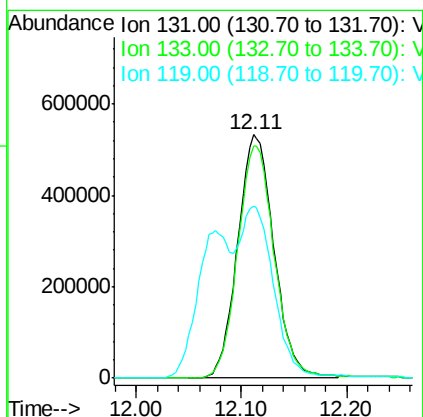
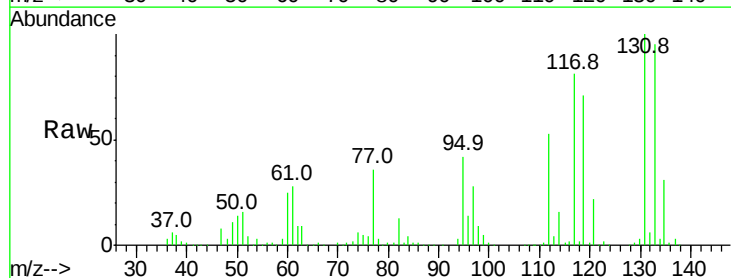
Manual Integrations
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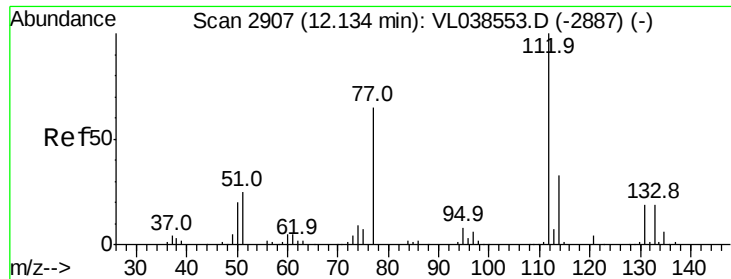
Reviewed By : Semsettin Yesilyurt 03/10/2022
Supervised By : Mahesh Dadoda 03/14/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 12.72 ppbv
RT: 12.11 min Scan# 2900
Delta R.T.: 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 131 Resp: 1273080
Ion Ratio Lower Upper
131 100
133 97.6 78.0 117.0
119 126.1 53.1 79.7#



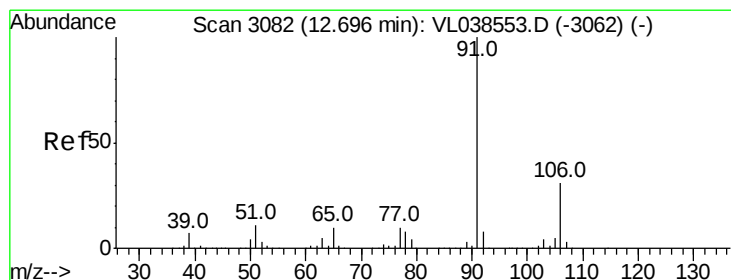
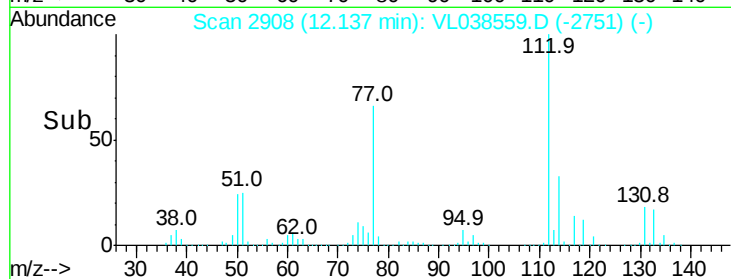
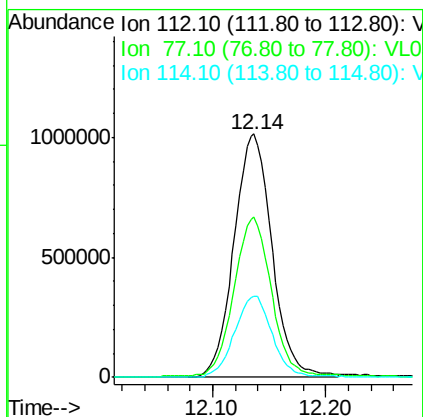
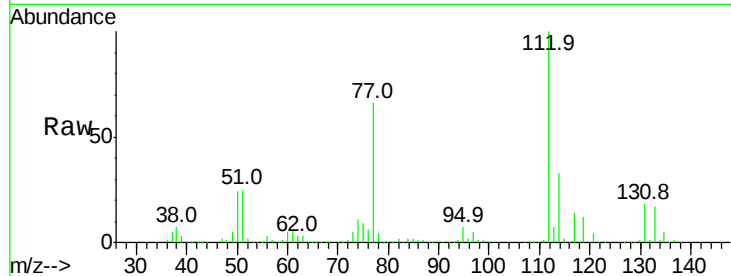


#57
Chlorobenzene
Concen: 12.81 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 14:57

Tgt Ion: 112
Ion Ratio: 100
77 65.
114 33.

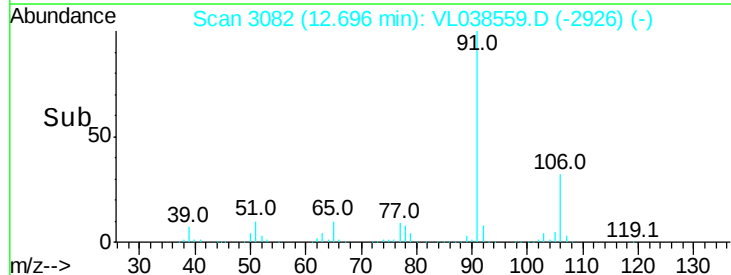
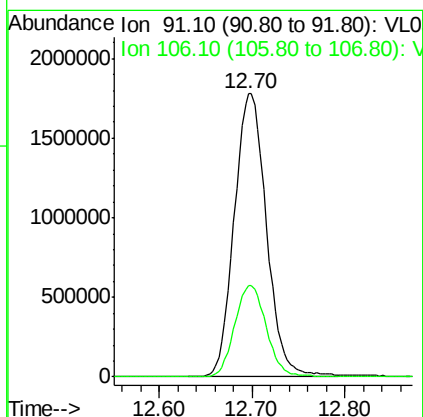
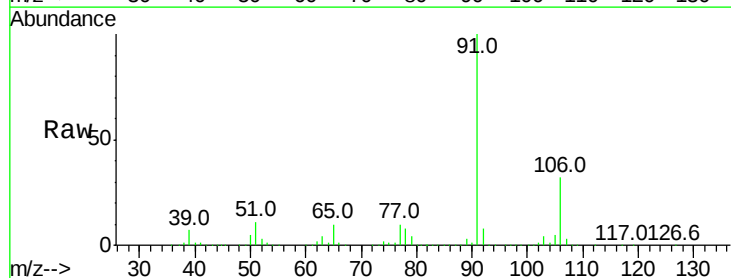
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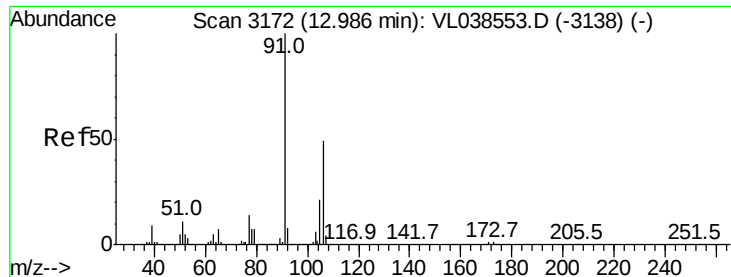
Reviewed By : Semsettin Yesilyurt 03/10/2022
Supervised By : Mahesh Dadoda 03/14/2022



#58
Ethyl Benzene
Concen: 13.08 ppbv
RT: 12.70 min Scan# 3082
Delta R.T.: 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 91 Resp: 4294436
Ion Ratio Lower Upper
91 100
106 32.4 24.6 37.0



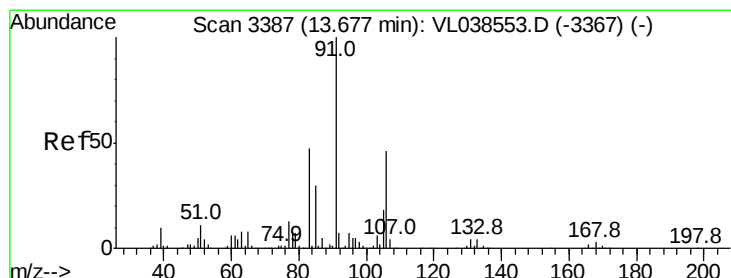
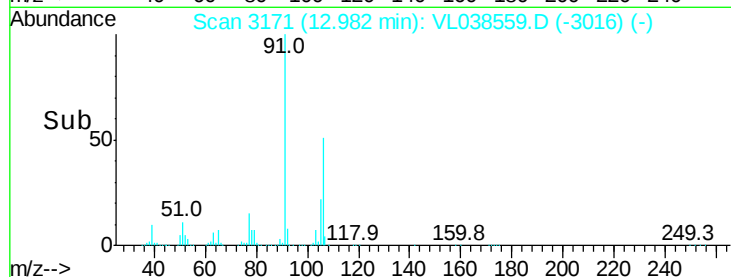
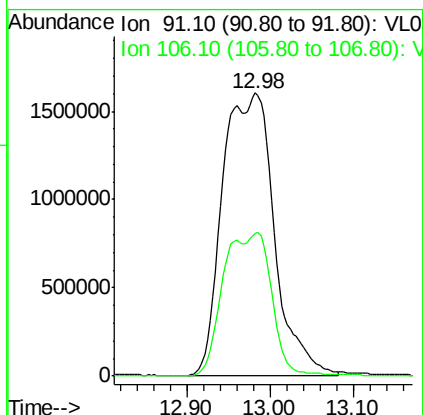
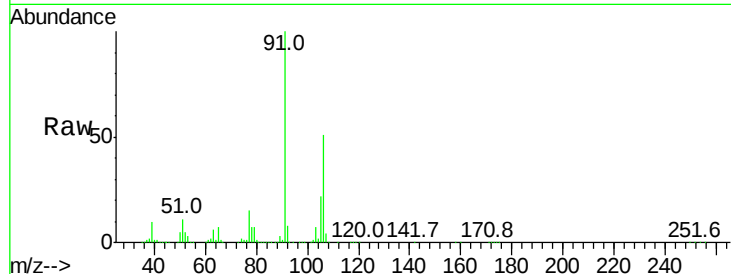


#59
m/p-Xylene
Concen: 24.52 ppbv m
RT: 12.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Mar 2022 14:57

Tgt Ion:
Ion Ratio
91 100
106 47.

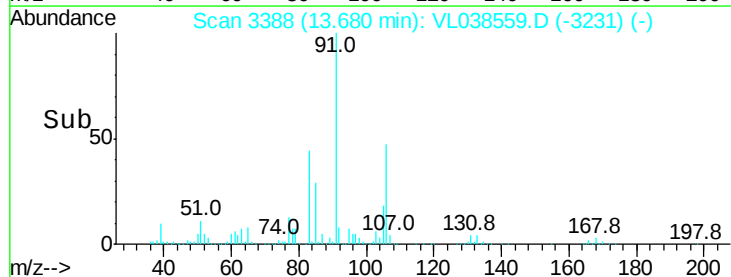
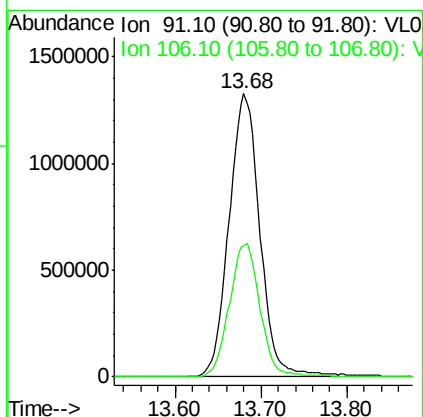
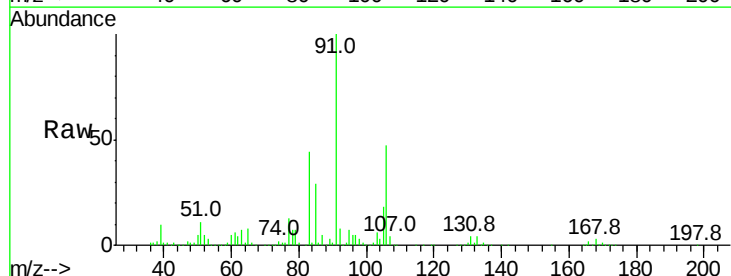
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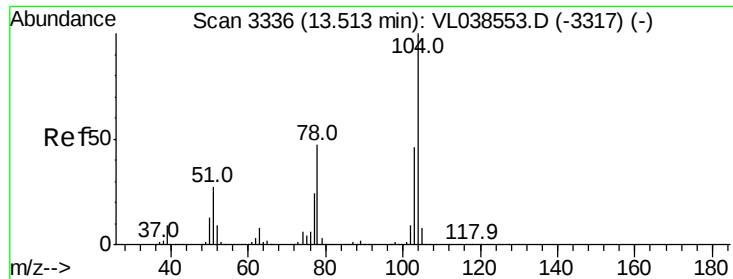
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#60
o-Xylene
Concen: 12.33 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion: 91 Resp: 3287920
Ion Ratio Lower Upper
91 100
106 47.4 23.5 70.6





#61

Styrene

Concen: 15.38 ppbv

RT: 13.51

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 14:57

Tgt Ion:1

Ion Ratio

104 100

78 48.

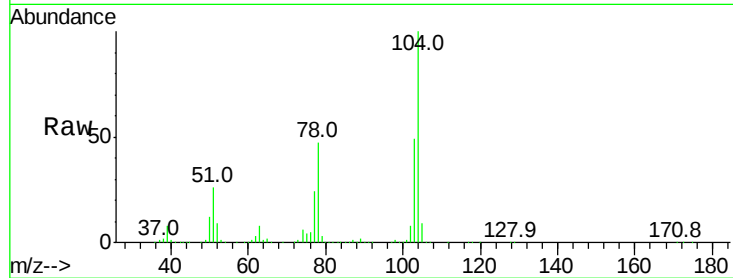
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

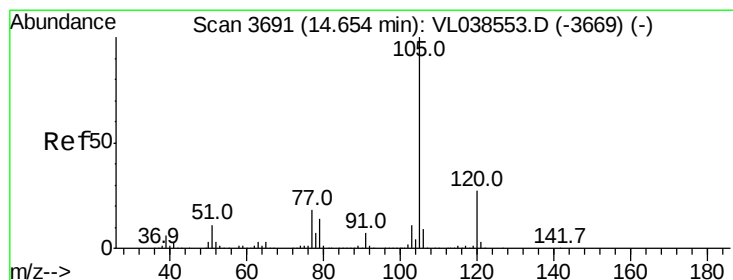
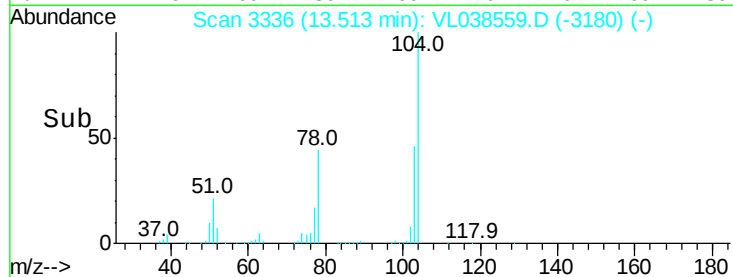
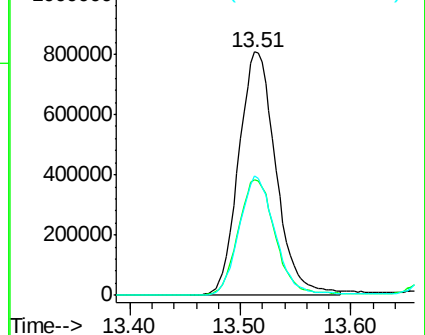
Supervised By :Mahesh Dadoda 03/14/2022



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 12.84 ppbv

RT: 14.65 min Scan# 3691

Delta R.T. 0.00 min

Lab File: VL038559.D

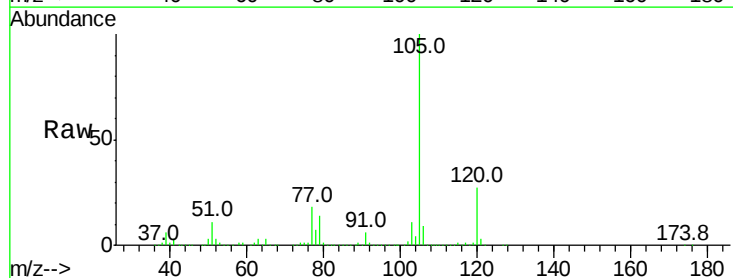
Acq: 8 Mar 2022 14:57

Tgt Ion:105 Resp: 4593169

Ion Ratio Lower Upper

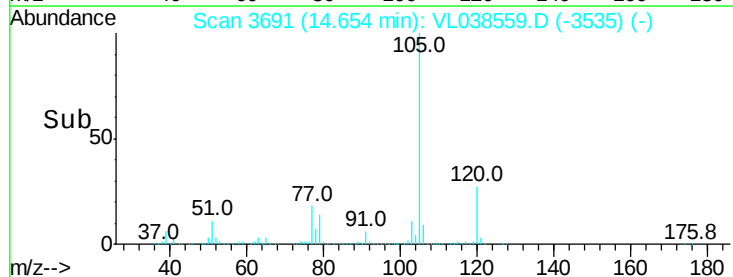
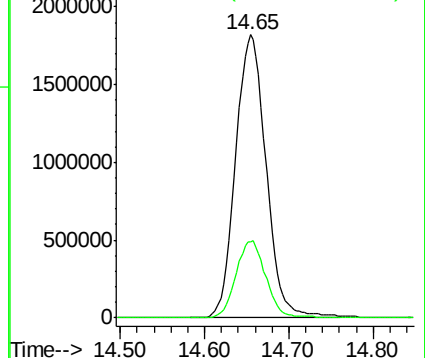
105 100

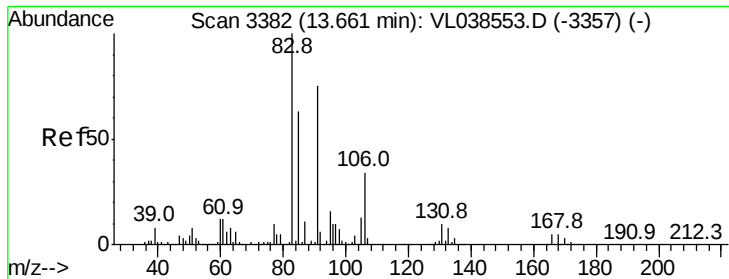
120 27.0 21.2 31.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



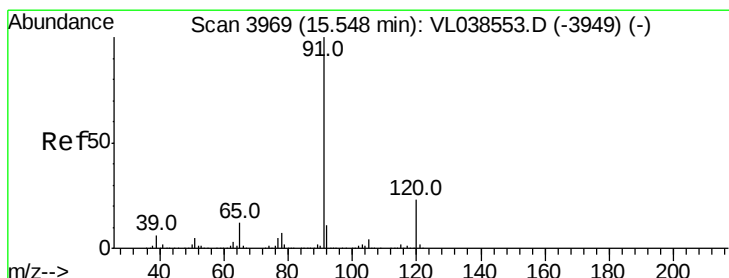
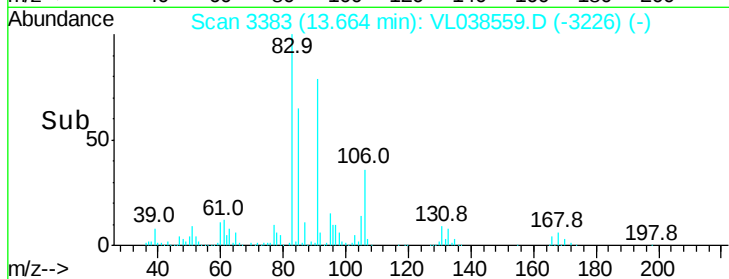
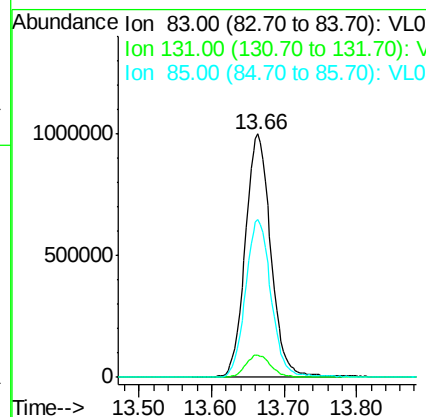
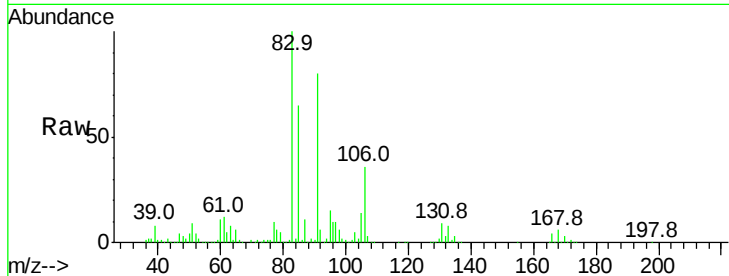


#63
 1,1,2,2-Tetrachloroethane
 Concen: 11.35 ppbv
 RT: 13.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 8 Mar 2022 14:57

Tgt Ion:
 Ion Ratio
 83 100
 131 9.
 85 65.

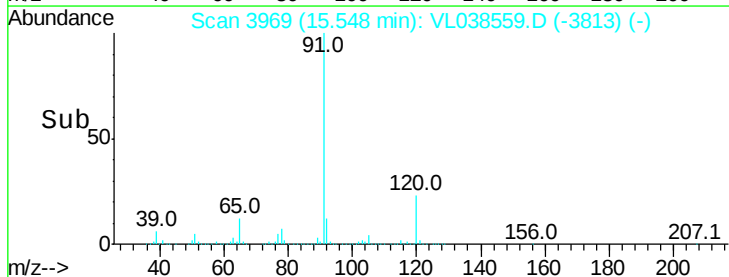
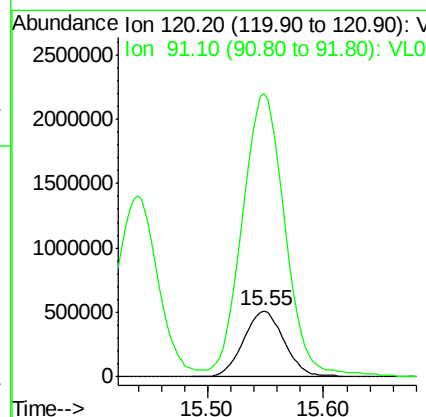
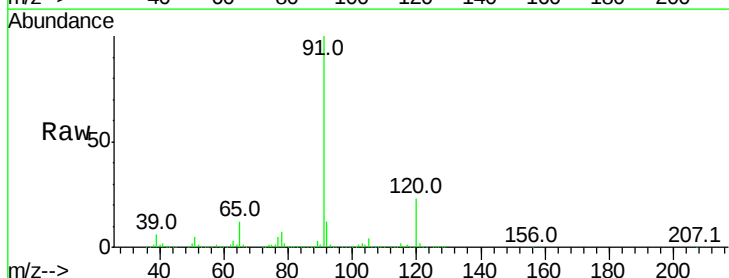
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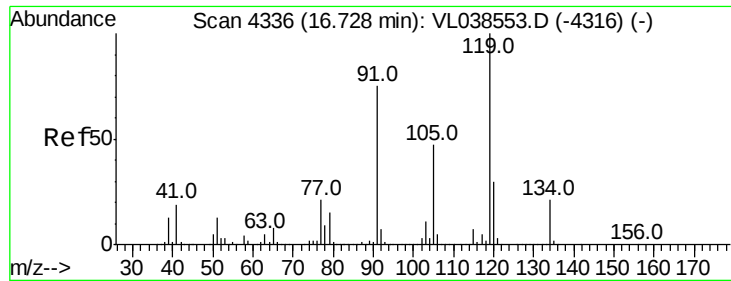
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#64
 n-propylbenzene
 Concen: 14.16 ppbv
 RT: 15.55 min Scan# 3969
 Delta R.T. 0.00 min
 Lab File: VL038559.D
 Acq: 8 Mar 2022 14:57

Tgt Ion:120 Resp: 1254334
 Ion Ratio Lower Upper
 120 100
 91 451.9 374.2 561.2



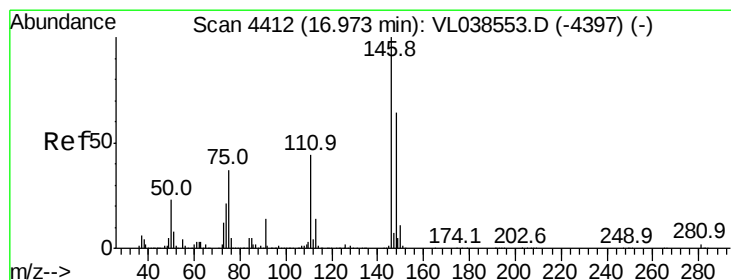
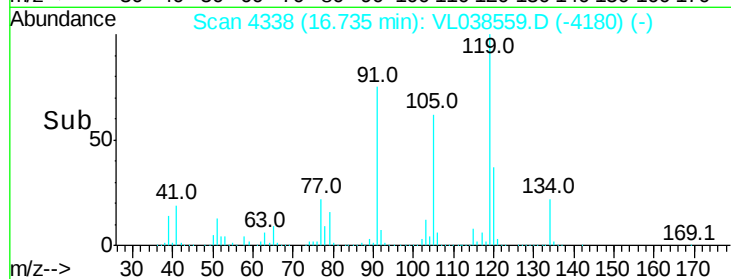
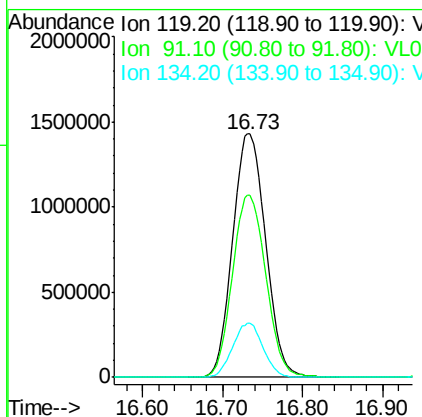
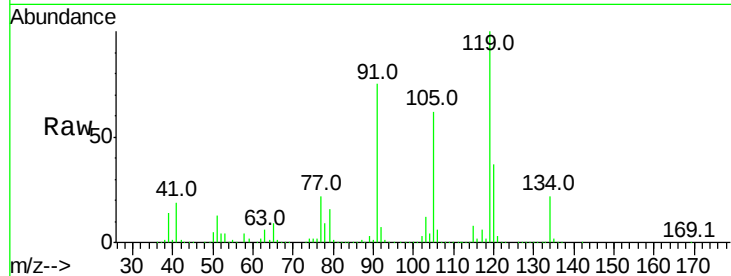


#65
 tert-Butylbenzene
 Concen: 12.90 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 8 Mar 2022 14:57

Tgt Ion: 1
 Ion Ratio
 119 100
 91 75.
 134 20.

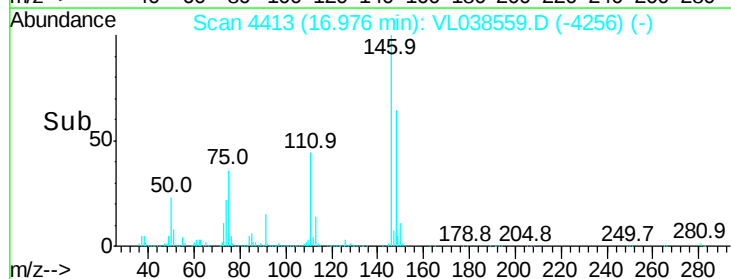
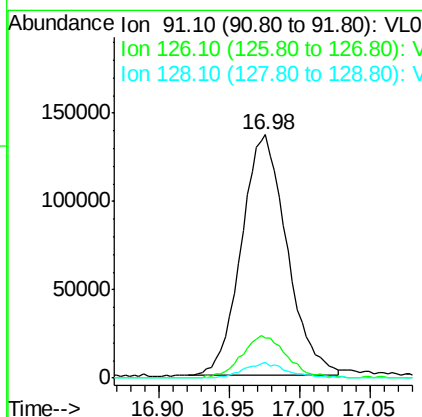
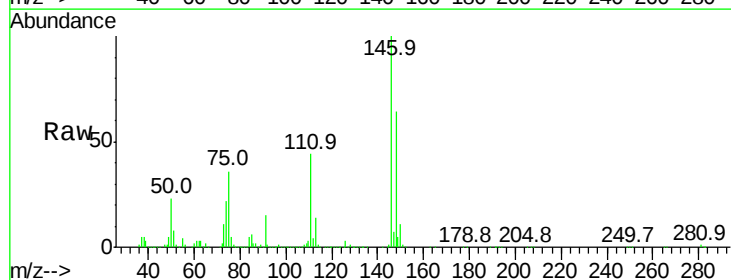
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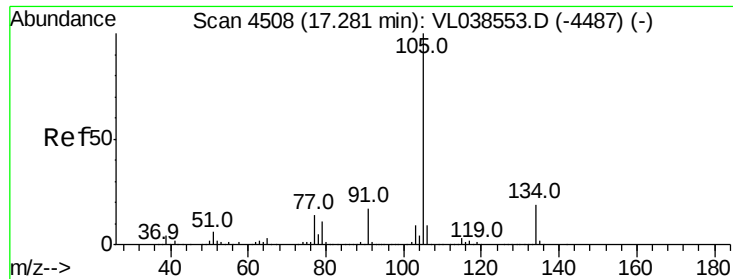
Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#66
 Benzyl Chloride
 Concen: 18.38 ppbv
 RT: 16.98 min Scan# 4413
 Delta R.T.: 0.00 min
 Lab File: VL038559.D
 Acq: 8 Mar 2022 14:57

Tgt Ion: 91 Resp: 307872
 Ion Ratio Lower Upper
 91 100
 126 18.2 14.1 21.1
 128 6.4 5.1 7.7



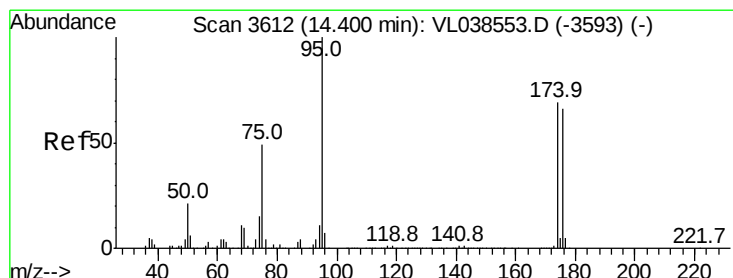
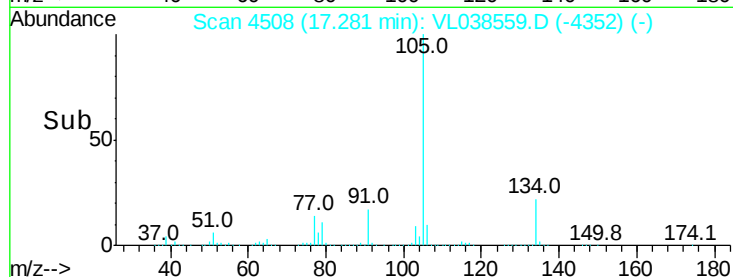
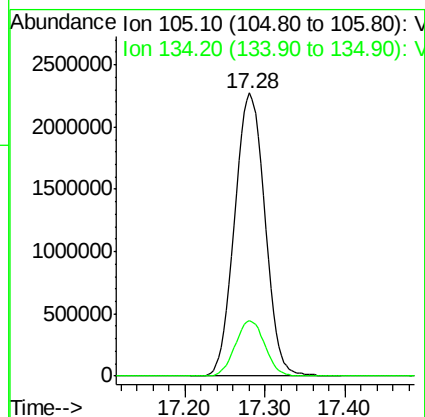
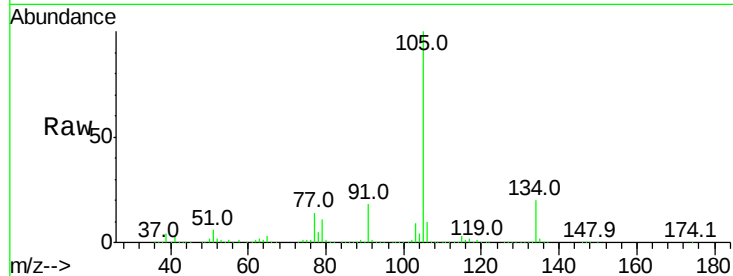


#67
 sec-Butylbenzene
 Concen: 13.22 ppbv
 RT: 17.28 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 8 Mar 2022 14:57

Tgt Ion: 1
 Ion Ratio
 105 100
 134 19.

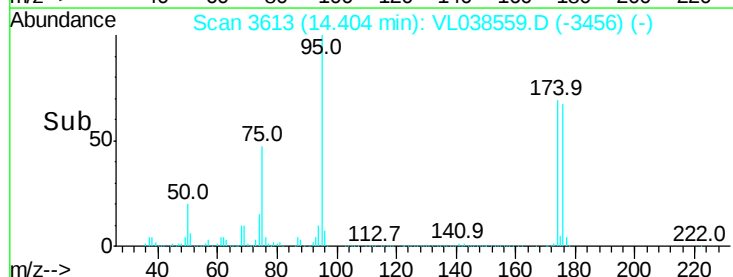
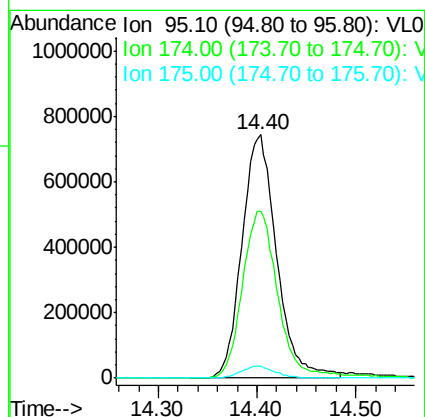
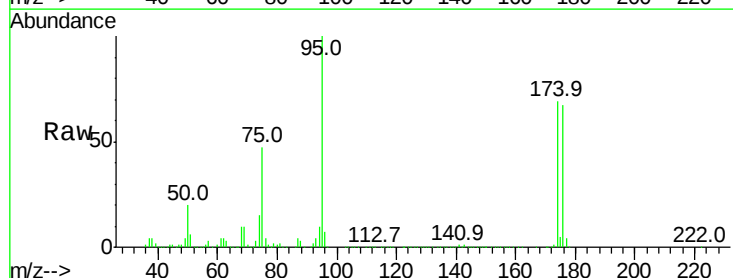
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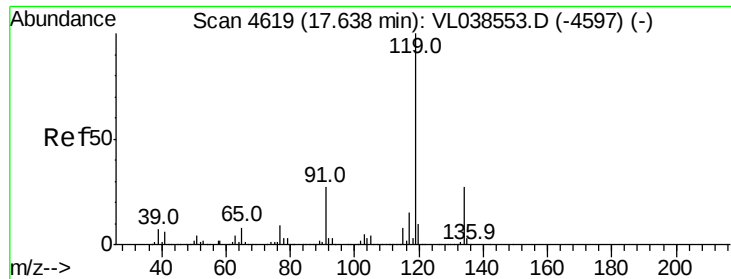
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.12 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T.: 0.00 min
 Lab File: VL038559.D
 Acq: 8 Mar 2022 14:57

Tgt Ion: 95 Resp: 1812112
 Ion Ratio Lower Upper
 95 100
 174 71.5 56.2 84.4
 175 5.1 4.2 6.2



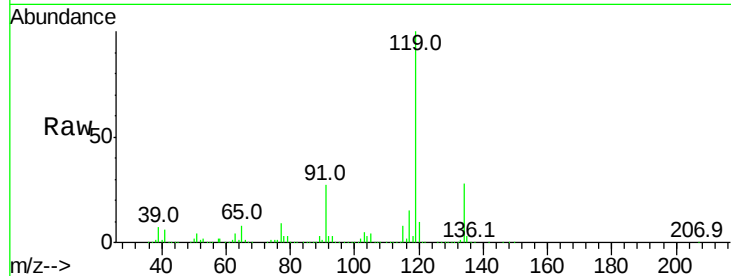


#69
 p-Isopropyltoluene
 Concen: 14.28 ppbv
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 8 Mar 2022 14:57

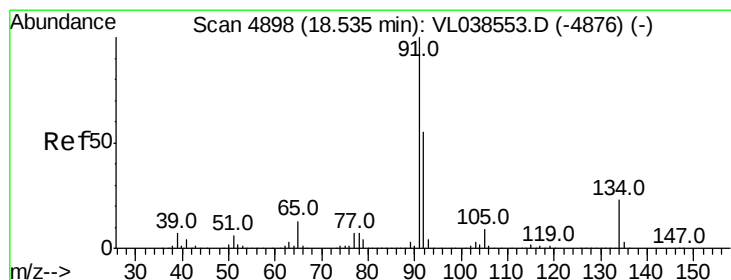
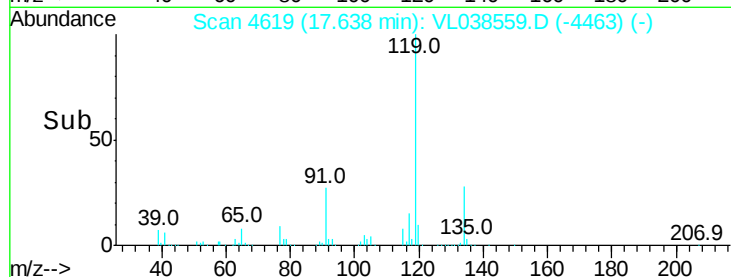
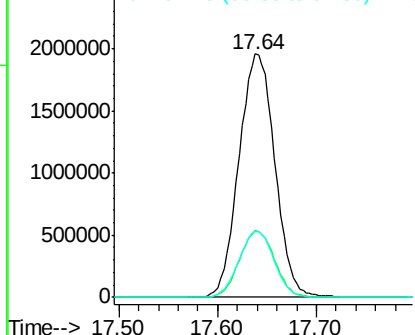
Tgt Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 26.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022

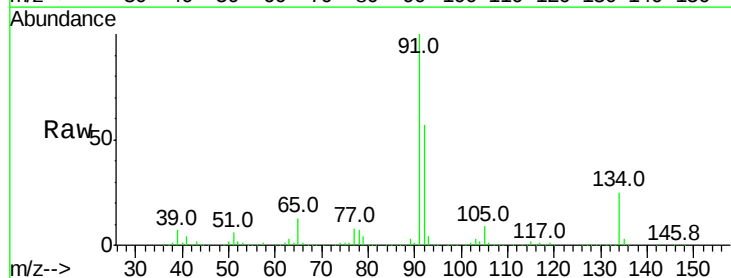


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

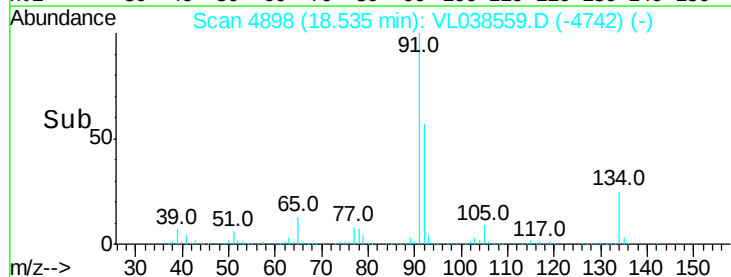
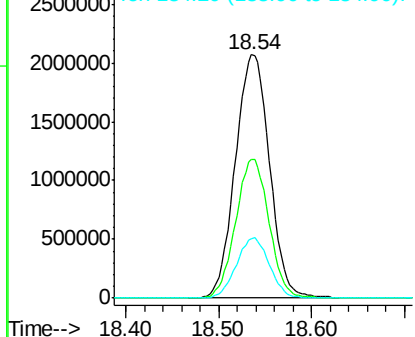


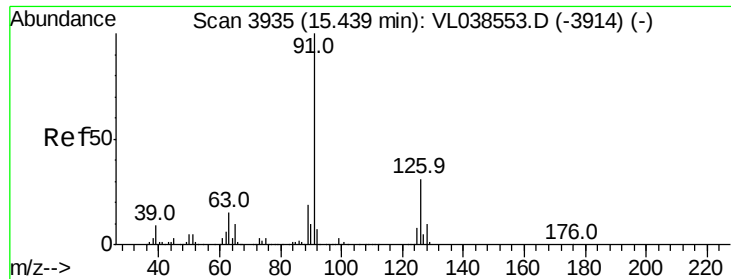
#70
 n-Butylbenzene
 Concen: 14.83 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T.: 0.00 min
 Lab File: VL038559.D
 Acq: 8 Mar 2022 14:57

Tgt Ion: 91 Resp: 5292343
 Ion Ratio Lower Upper
 91 100
 92 56.0 43.8 65.8
 134 24.0 18.7 28.1



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V



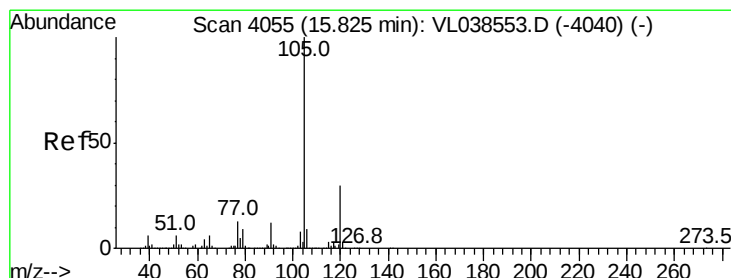
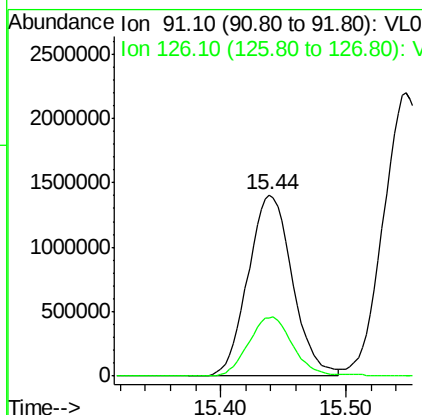
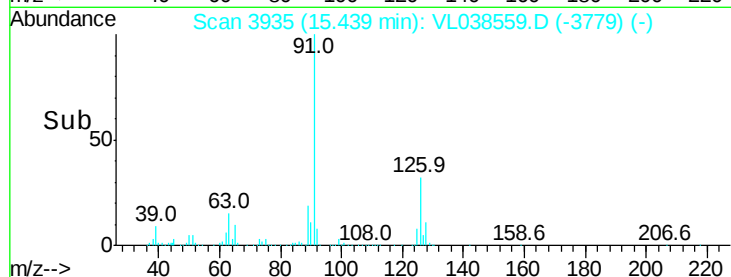
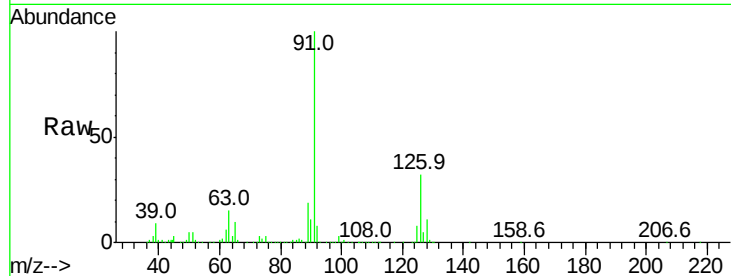


#71
 2-Chlorotoluene
 Concen: 12.56 ppbv
 RT: 15.44 min
 Delta R.T.: 0.00 min
 Lab File: VSTDIC015
 Acq: 8 Mar 2022 14:57

Tgt Ion: 91.10
 Ion Ratio: 100
 126 33.

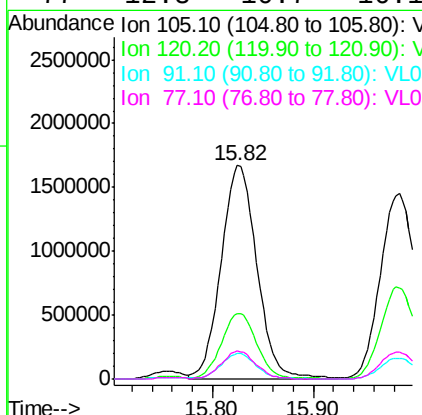
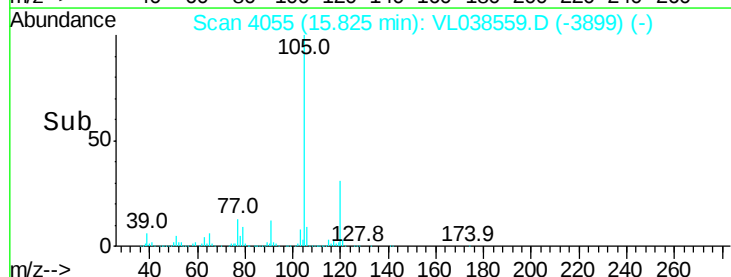
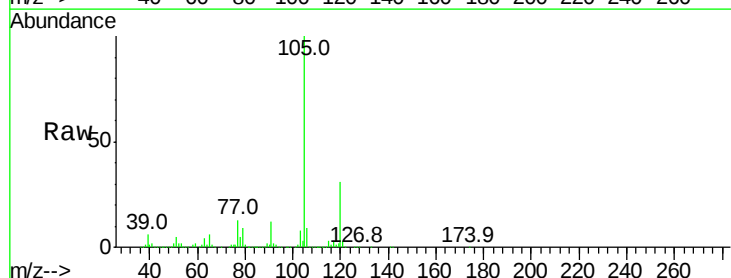
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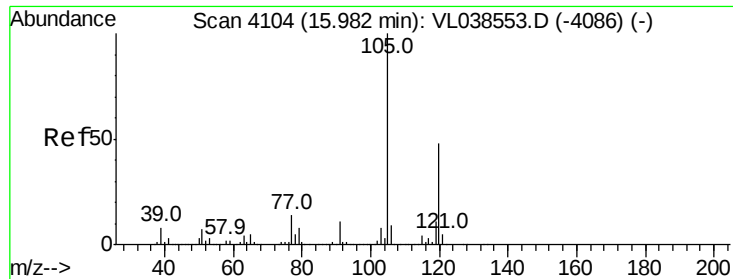
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#72
 4-Ethyltoluene
 Concen: 14.07 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T.: 0.00 min
 Lab File: VL038559.D
 Acq: 8 Mar 2022 14:57

Tgt Ion:105 Resp: 4132588
 Ion Ratio Lower Upper
 105 100
 120 30.6 25.0 37.4
 91 11.7 9.8 14.6
 77 12.8 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 13.65 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 14:57

Tgt Ion:1

Ion Ratio

105 100

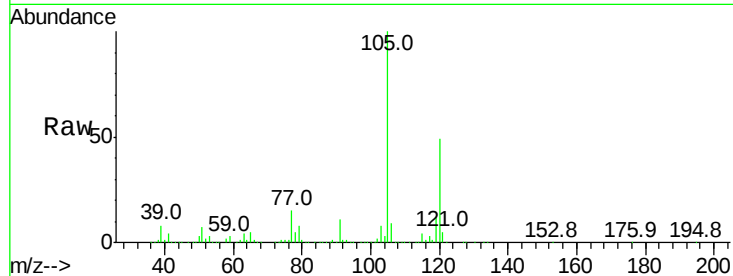
120 48.

Manual Integrations

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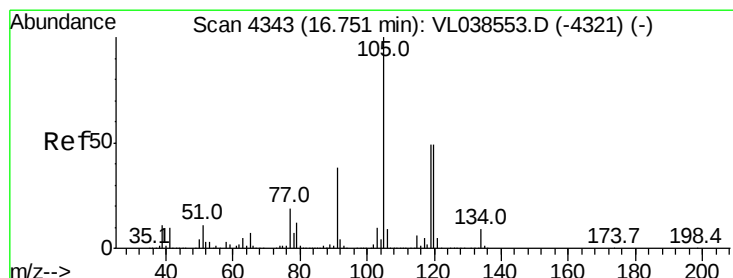
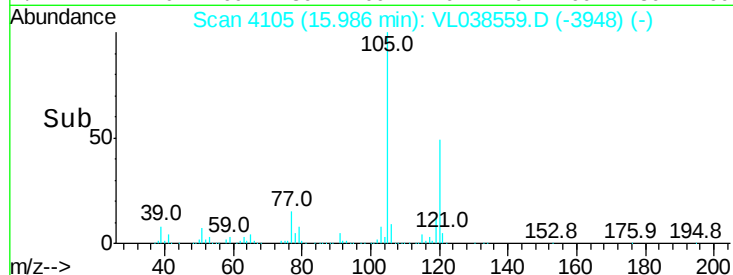
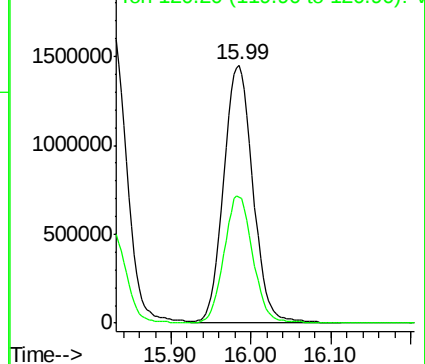
Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 13.17 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. 0.00 min

Lab File: VL038559.D

Acq: 8 Mar 2022 14:57

Tgt Ion:105 Resp: 3710401

Ion Ratio Lower Upper

105 100

120 50.1 38.9 58.3

91 37.7 30.6 46.0

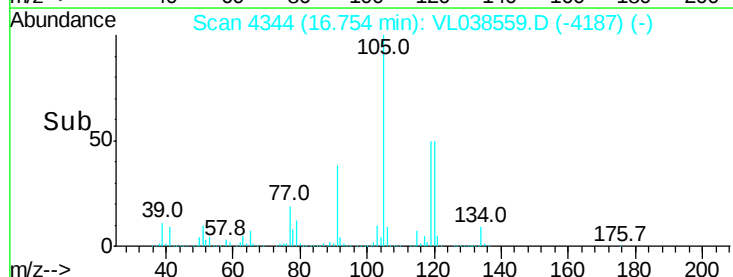
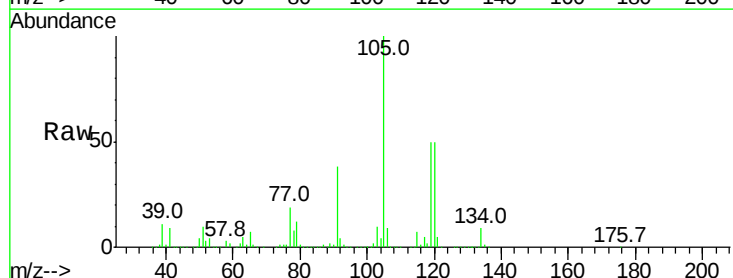
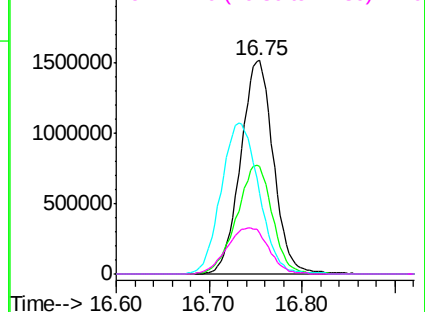
77 19.3 15.2 22.8

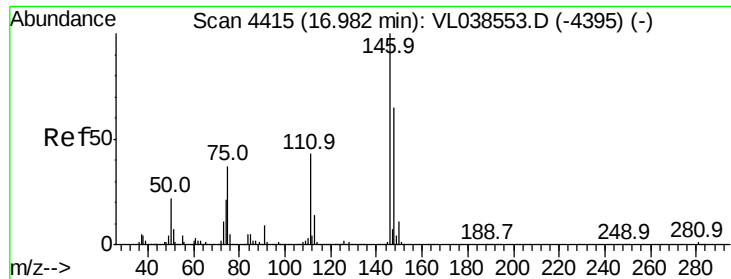
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



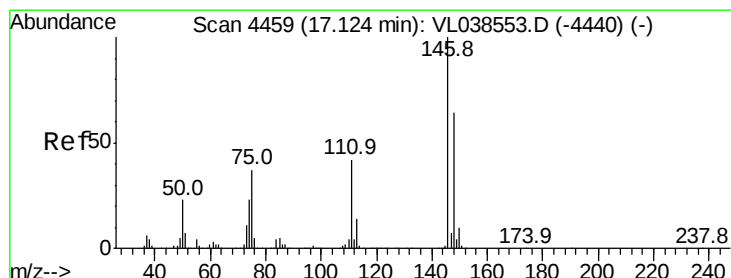
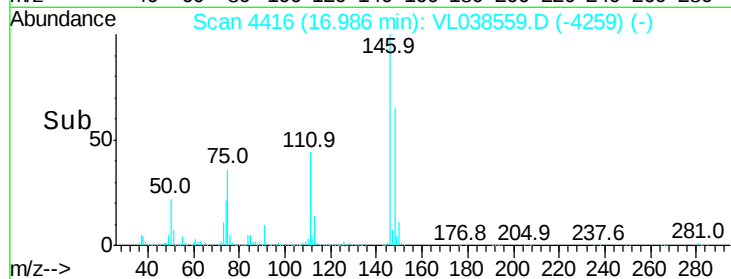
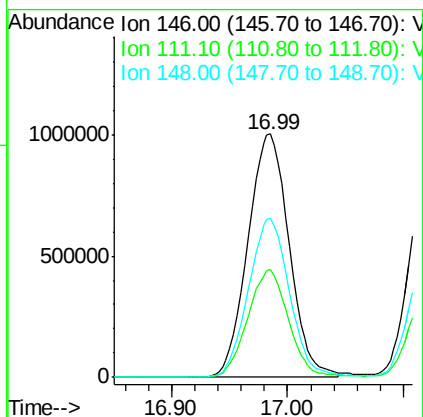
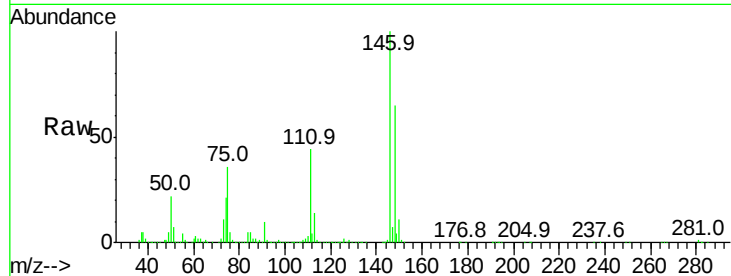


#75
 1,3-Dichlorobenzene
 Concen: 15.73 ppbv
 RT: 16.99
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0015
 Acq: 8 Mar 2022 14:57

Tgt Ion:1
 Ion Rati
 146 100
 111 43.
 148 65.

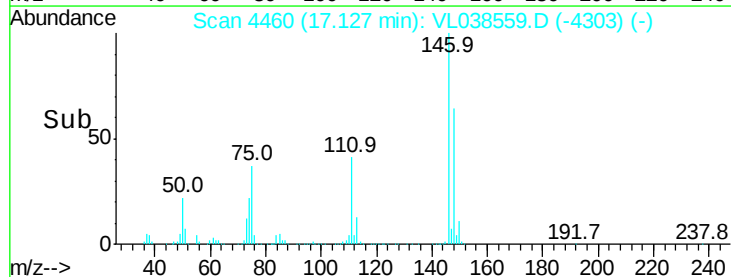
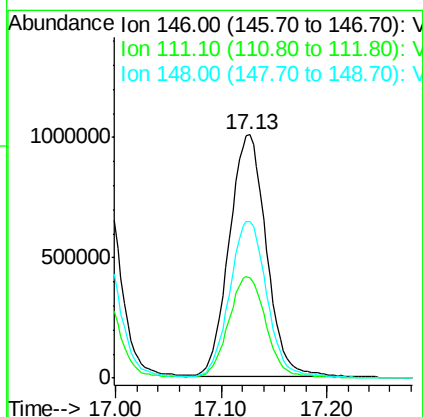
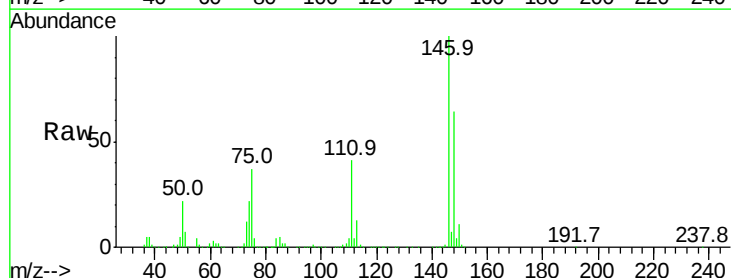
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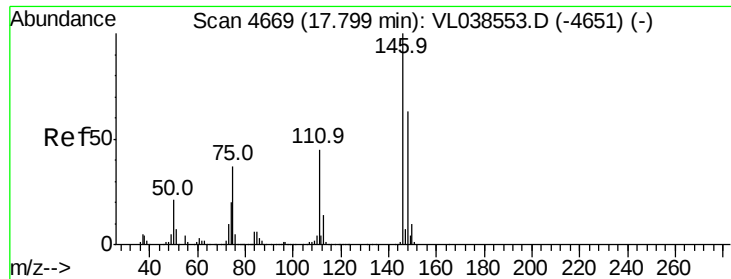
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#76
 1,4-Dichlorobenzene
 Concen: 15.67 ppbv
 RT: 17.13 min Scan# 4460
 Delta R.T. 0.00 min
 Lab File: VL038559.D
 Acq: 8 Mar 2022 14:57

Tgt Ion:146 Resp: 2437896
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.8 65.3
 148 65.8 32.8 98.4



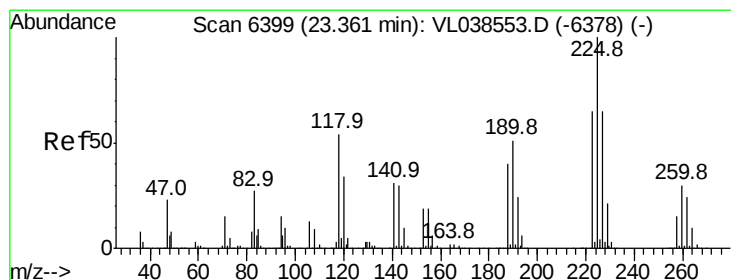
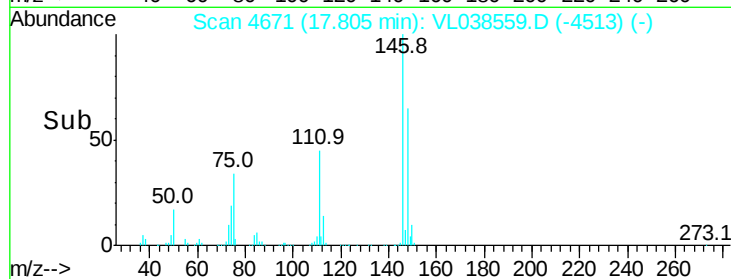
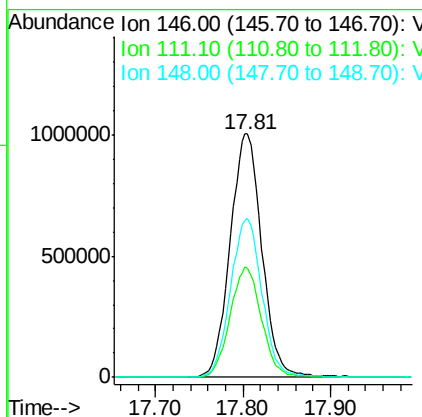
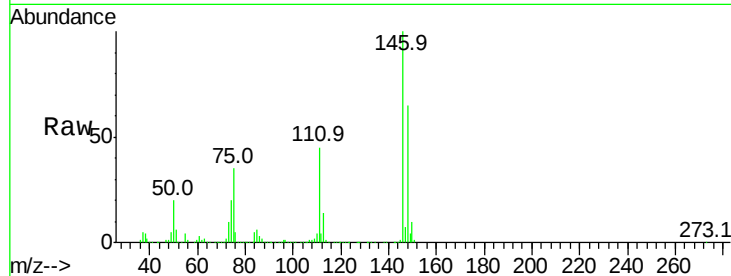


#77
 1,2-Dichlorobenzene
 Concen: 16.54 ppbv
 RT: 17.81 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 8 Mar 2022 14:57

Tgt Ion:1
 Ion Rati
 146 100
 111 45.
 148 64.

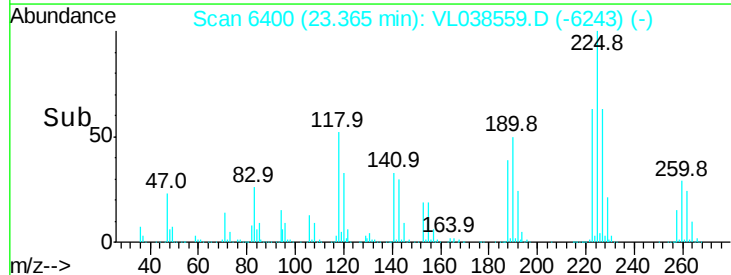
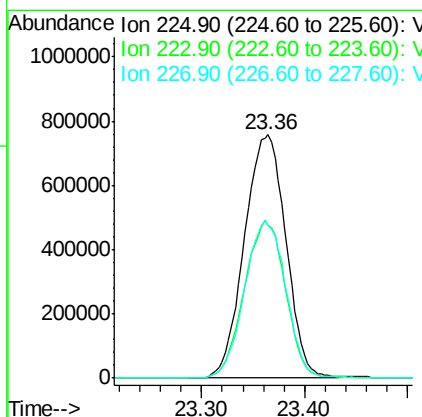
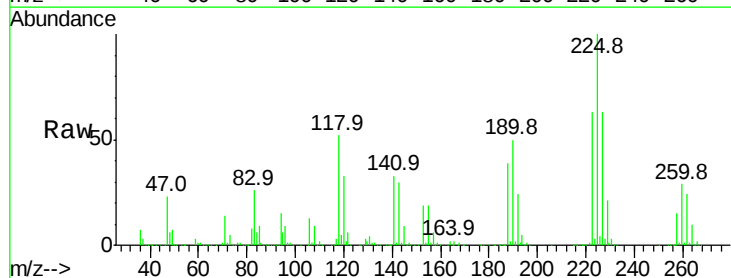
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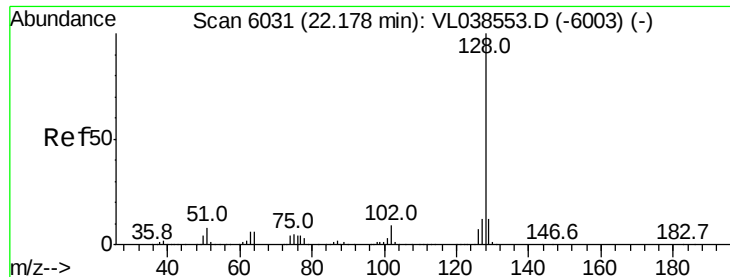
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 18.28 ppbv
 RT: 23.36 min Scan# 6400
 Delta R.T.: 0.00 min
 Lab File: VL038559.D
 Acq: 8 Mar 2022 14:57

Tgt Ion:225 Resp: 2117130
 Ion Ratio Lower Upper
 225 100
 223 64.4 51.4 77.0
 227 64.5 51.9 77.9



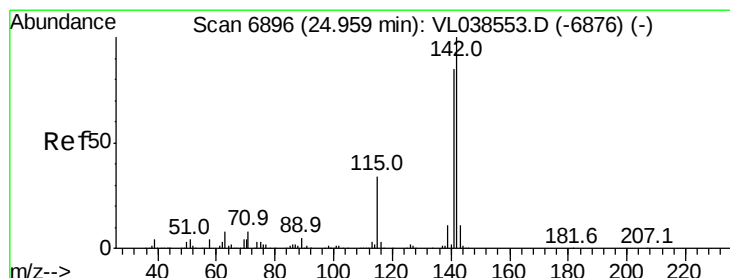
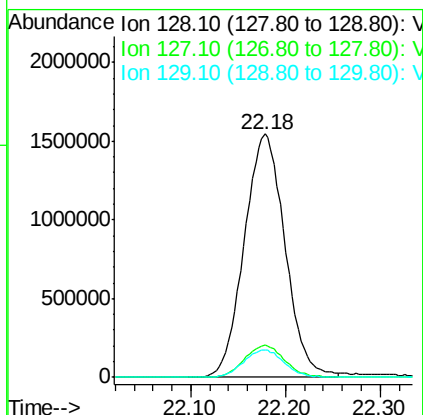
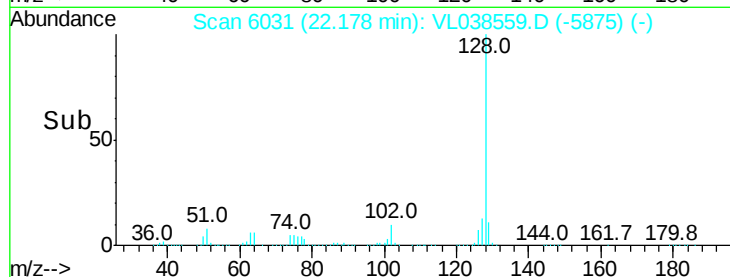
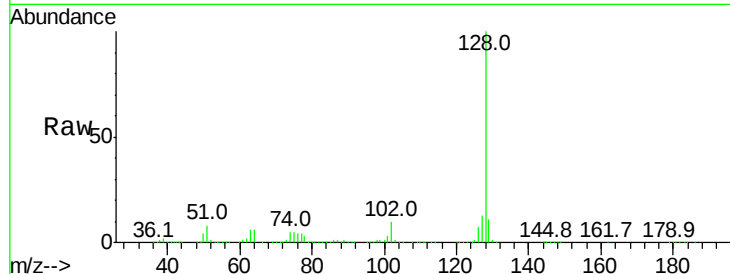


#79
Naphthalene
Concen: 30.32 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 14:57

Tgt Ion:1
Ion Ratio
128 100
127 13.
129 11.

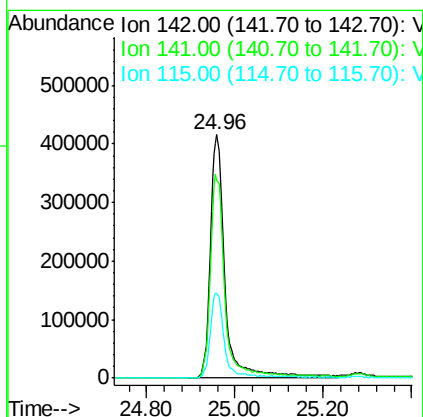
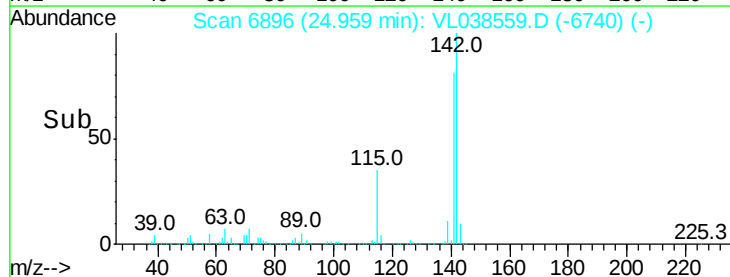
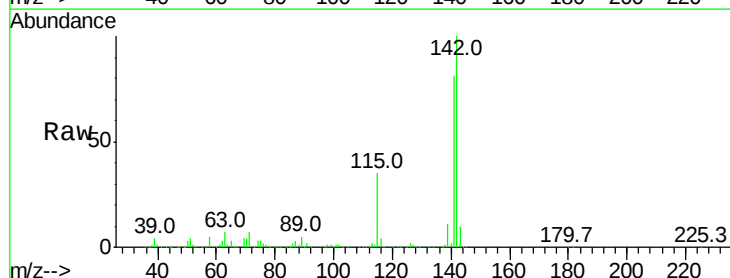
Manual Integrations
APPROVED

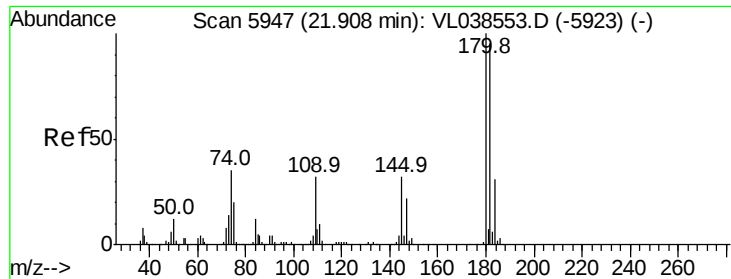
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



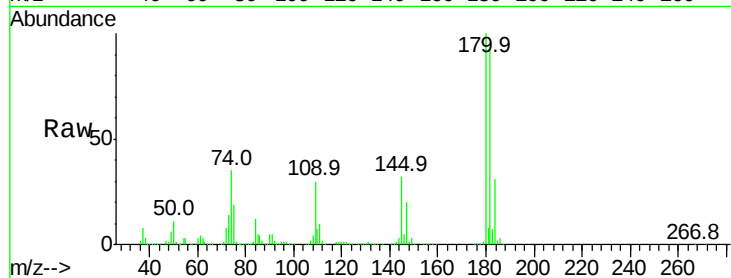
#80
Naphthalene, 2-methyl-
Concen: 32.47 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. 0.00 min
Lab File: VL038559.D
Acq: 8 Mar 2022 14:57

Tgt Ion:142 Resp: 968250
Ion Ratio Lower Upper
142 100
141 81.6 68.4 102.6
115 33.9 27.9 41.9





#81
 1,2,4-Trichlorobenzene
 Concen: 27.04 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 8 Mar 2022 14:57



Tgt Ion:1
 Ion Rati
 180 100
 182 97.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022

