

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038941.D
 Acq On : 15 Apr 2022 10:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: Apr 15 16:30:26 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A

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

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 04/15/2022
 Supervised By : Mahesh Dadoda 04/18/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1110141	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3049739	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2686305m	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2212654	10.86	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	1872108	11.889	ppbv	100
3) Chlorodifluoromethane	2.98	51	1348130	9.951	ppbv	98
4) Chloromethane	3.13	50	687657	9.802	ppbv	99
5) Vinyl Chloride	3.25	62	642822	9.916	ppbv	99
6) Bromomethane	3.47	94	309312	9.862	ppbv	97
7) Chloroethane	3.55	64	212943	9.851	ppbv	97
8) Dichlorotetrafluoroethane	3.18	85	1506153	10.239	ppbv	99
9) Propene	3.01	41	690744	9.636	ppbv	99
10) Heptane	8.10	43	1689256	9.356	ppbv	98
11) Trichlorofluoromethane	3.94	101	1341181	10.599	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1048589	10.819	ppbv	96
13) Ethanol	3.59	45	44642m	10.248	ppbv	
14) Bromoethene	3.73	108	452970	10.627	ppbv	95
15) Acetone	3.84	43	1172836	10.612	ppbv	98
16) 1,3-Butadiene	3.32	39	627022	9.924	ppbv	99
17) tert-Butyl alcohol	4.27	59	824543	8.319	ppbv	99
18) 1,1-Dichloroethene	4.28	96	469748	10.632	ppbv	97
19) Isopropyl Alcohol	3.95	45	555249	9.829	ppbv #	100
20) Methylene Chloride	4.33	84	385868	9.626	ppbv	96
21) Allyl Chloride	4.40	41	787606	9.517	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	492852	11.017	ppbv	94
23) Vinyl Acetate	5.06	43	1184673	11.006	ppbv	99
24) 1,1-Dichloroethane	5.00	63	993226	10.211	ppbv	99
25) Ethyl Acetate	5.66	43	2769168	9.874	ppbv	99
26) Hexane	5.67	57	1204497	9.436	ppbv	100
27) Carbon Disulfide	4.54	76	1212872	10.361	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	920983	9.342	ppbv	100
29) Chloroform	5.74	83	1818114	10.180	ppbv	99
30) Cyclohexane	7.11	84	1067103	9.485	ppbv	96
31) cis-1,2-Dichloroethene	5.54	61	1175686	10.017	ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	1787061	9.931	ppbv	99
34) 2-Butanone	5.23	43	1227517	10.186	ppbv	99
35) Carbon Tetrachloride	7.01	117	1840809	10.068	ppbv	95
36) Benzene	6.88	78	2604430	9.387	ppbv	99
37) 1,2-Dichloroethane	6.29	62	1343760	10.594	ppbv	98
38) Trichloroethene	7.82	130	1044991	9.180	ppbv	98
39) 1,2-Dichloropropane	7.60	63	1003594	9.457	ppbv	97
40) 1,4-Dioxane	7.81	88	337544	9.367	ppbv #	2
41) Tetrahydrofuran	6.03	42	1090367	9.527	ppbv	99
42) Bromodichloromethane	7.78	83	2015257	10.061	ppbv	100
43) Methyl Methacrylate	8.00	69	1058110	9.958	ppbv	98

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Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: Apr 15 16:30:26 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A

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

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 04/15/2022
 Supervised By : Mahesh Dadoda 04/18/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	4329150	9.216	ppbv	100
45) t-1,3-Dichloropropene	9.26	75	1114583	10.031	ppbv	98
46) cis-1,3-Dichloropropene	8.69	75	1399763	9.555	ppbv	97
47) 1,1,2-Trichloroethane	9.46	97	1046950	9.628	ppbv	97
48) Dibromochloromethane	10.28	129	1725873	10.127	ppbv	98
49) Bromoform	13.02	173	1374155	10.180	ppbv	99
50) 4-Methyl-2-Pentanone	8.72	43	2721104	10.039	ppbv	100
51) 2-Hexanone	10.11	43	2127169	10.415	ppbv #	98
52) Tetrachloroethene	11.20	164	878693	9.067	ppbv	98
53) Toluene	9.79	91	3063734	9.566	ppbv	98
54) 1,2-Dibromoethane	10.59	107	1521757	10.075	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.11	131	1222351	10.383	ppbv	97
57) Chlorobenzene	12.13	112	2154811	9.794	ppbv	98
58) Ethyl Benzene	12.69	91	4087863	10.184	ppbv	94
59) m/p-Xylene	12.98	91	6758341m	20.040	ppbv	
60) o-Xylene	13.67	91	3145123	9.967	ppbv	97
61) Styrene	13.51	104	1954453	10.166	ppbv	98
62) Isopropylbenzene	14.65	105	4631185	9.777	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.66	83	1974893	9.881	ppbv	100
64) n-propylbenzene	15.55	120	1206281	9.808	ppbv	87
65) tert-Butylbenzene	16.73	119	3991107	9.497	ppbv	97
66) Benzyl Chloride	16.97	91	601239m	7.028	ppbv	
67) sec-Butylbenzene	17.27	105	5792576	9.823	ppbv	98
69) p-Isopropyltoluene	17.63	119	4780024	9.872	ppbv	99
70) n-Butylbenzene	18.53	91	5173323	10.606	ppbv	98
71) 2-Chlorotoluene	15.43	91	3582224	10.058	ppbv	97
72) 4-Ethyltoluene	15.82	105	3858150	10.239	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	3431833	10.138	ppbv	95
74) 1,2,4-Trimethylbenzene	16.74	105	3632814	10.152	ppbv	98
75) 1,3-Dichlorobenzene	16.98	146	2085380	10.037	ppbv	100
76) 1,4-Dichlorobenzene	17.12	146	2062161	10.076	ppbv	97
77) 1,2-Dichlorobenzene	17.80	146	2023949	9.882	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1419298	8.771	ppbv	100
79) Naphthalene	22.17	128	2896589m	10.821	ppbv	
80) Naphthalene, 2-methyl-	24.95	142	763438	11.574	ppbv	94
81) 1,2,4-Trichlorobenzene	21.90	180	1607883	10.264	ppbv	97

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

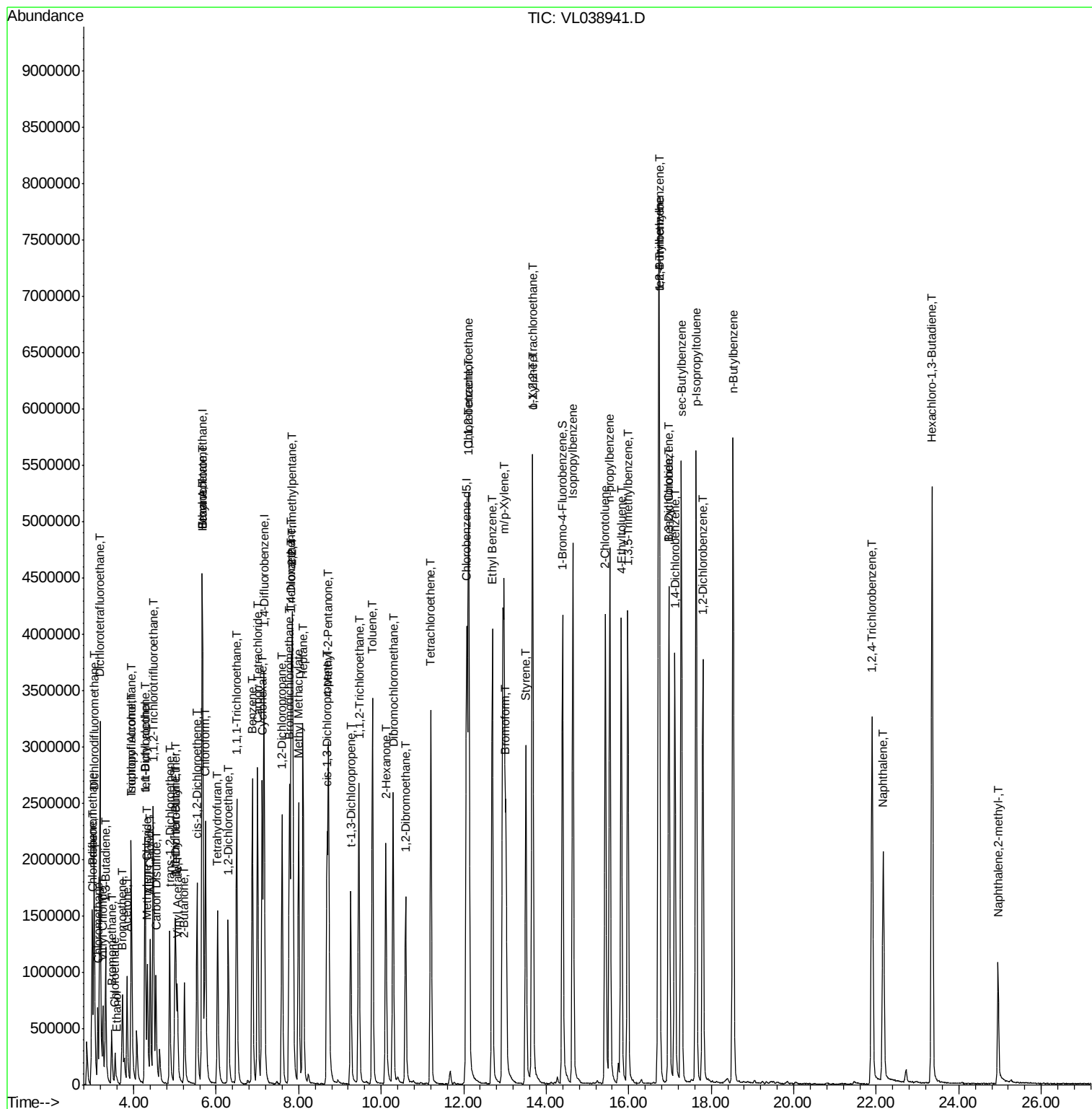
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041422\
Data File : VL038941.D
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ALS Vial : 5 Sample Multiplier: 1

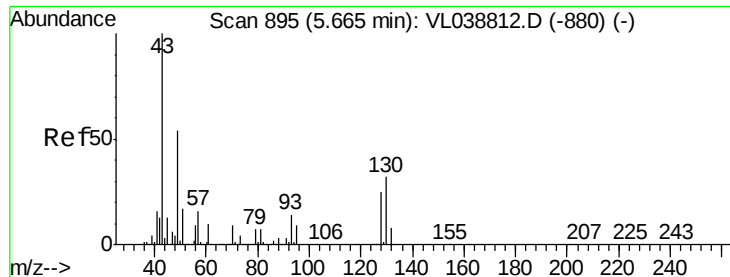
Instrument :
MSVOA L
ClientSampleId :
VSTDCCC010EC

Quant Time: Apr 15 16:30:26 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 15 Apr 2022 10:12

Tot Ion:

Ion Ratio

49 100

128 49.

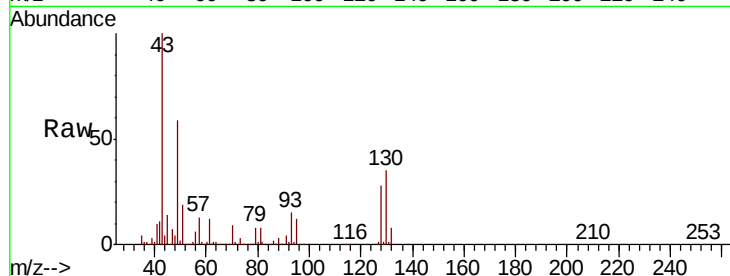
130 62.

Manual Integrations

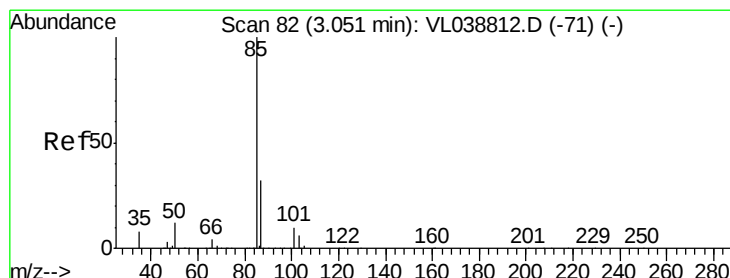
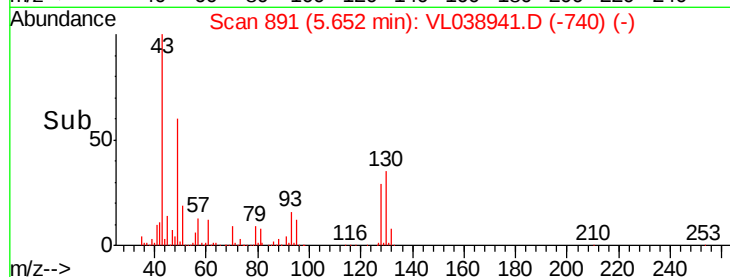
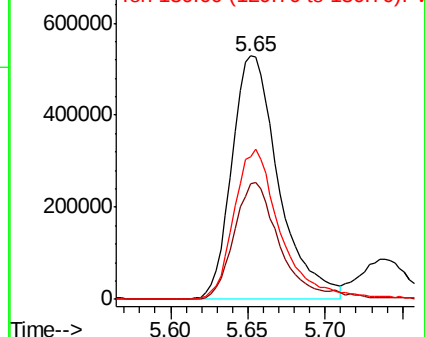
APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 11.889 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL038941.D

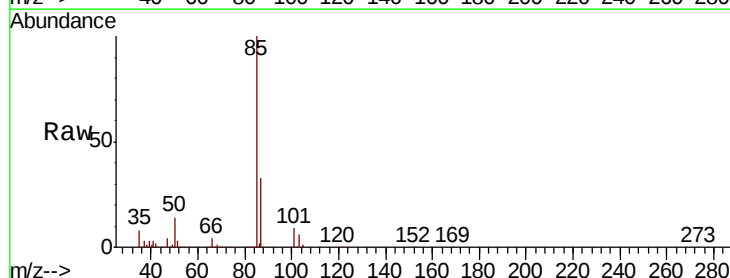
Acq: 15 Apr 2022 10:12

Tgt Ion: 85 Resp: 1872108

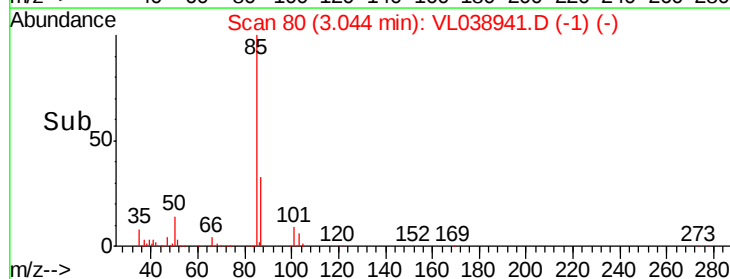
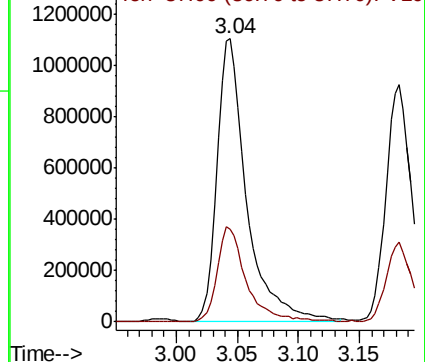
Ion Ratio Lower Upper

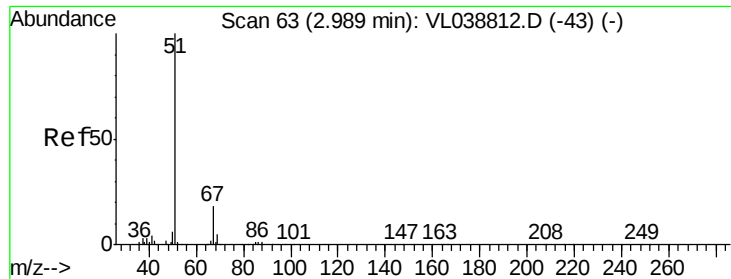
85 100

87 32.6 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.951 ppbv

RT: 2.98 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 15 Apr 2022 10:12 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

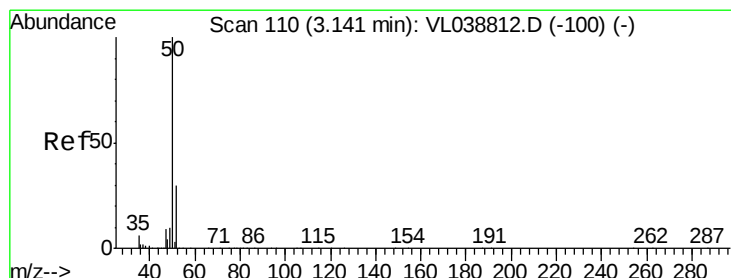
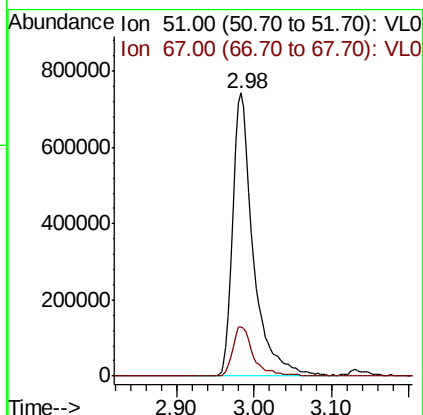
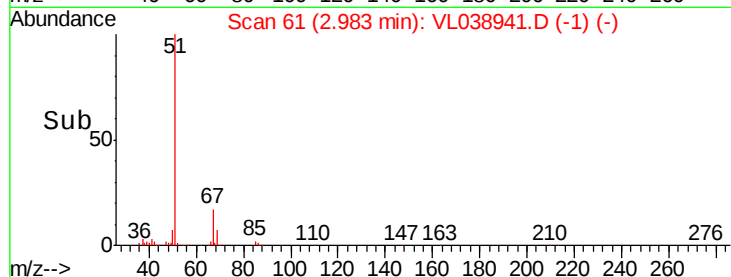
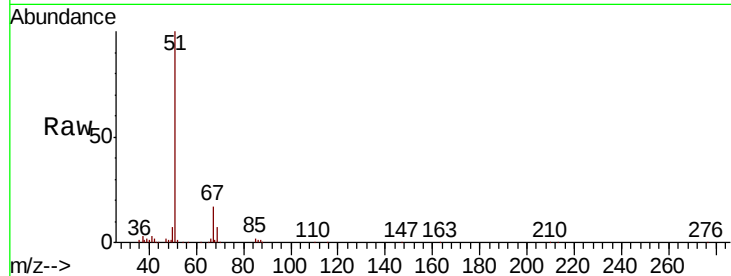
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#4

Chloromethane

Concen: 9.802 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL038941.D

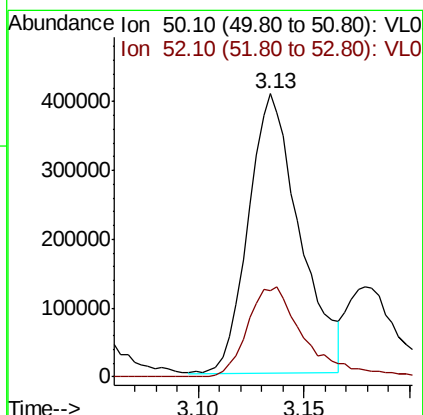
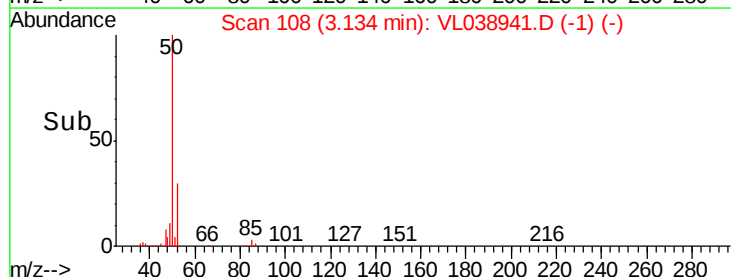
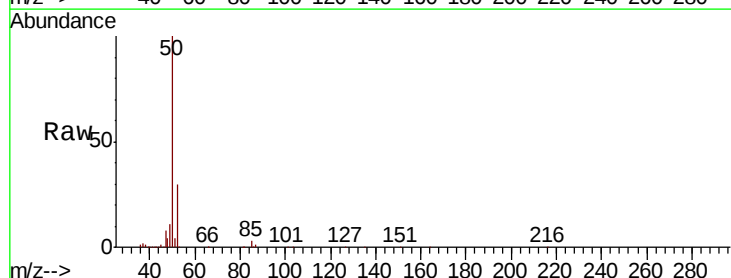
Acq: 15 Apr 2022 10:12

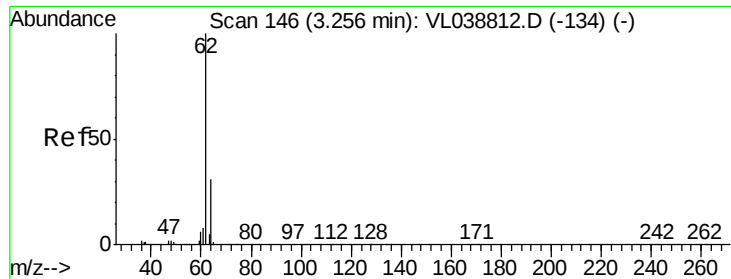
Tgt Ion: 50 Resp: 687657

Ion Ratio Lower Upper

50 100

52 30.7 24.3 36.5





#5

Vinyl Chloride

Concen: 9.916 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 15 Apr 2022 10:12 VSTDCCC010EC

Tot Ion:

Ion Ratio

62 100

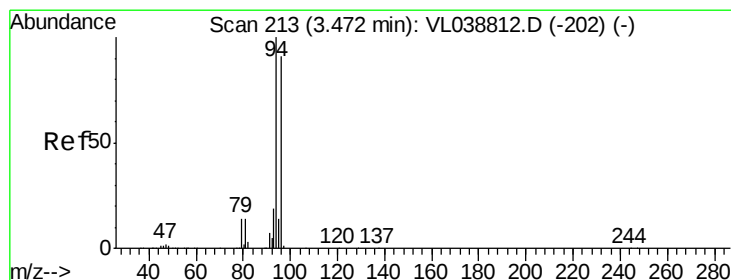
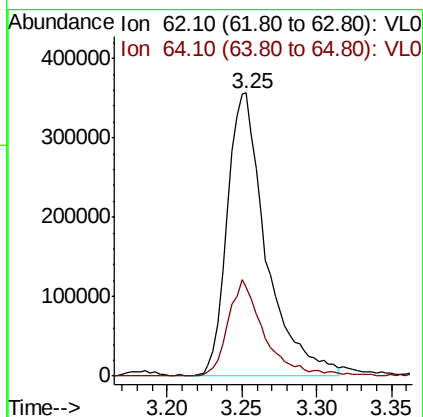
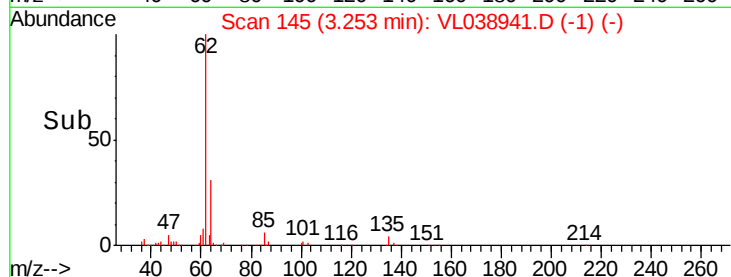
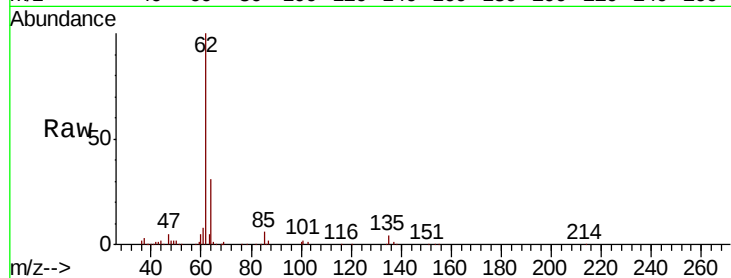
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#6

Bromomethane

Concen: 9.862 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.01 min

Lab File: VL038941.D

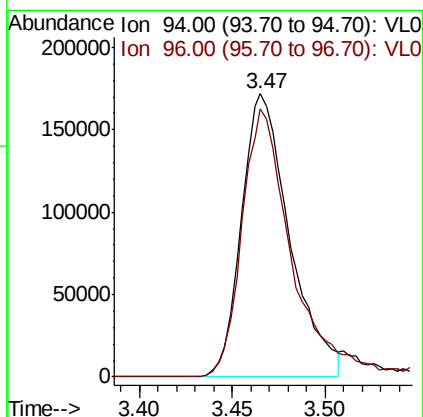
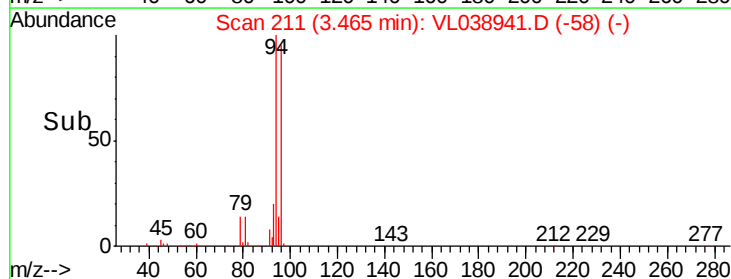
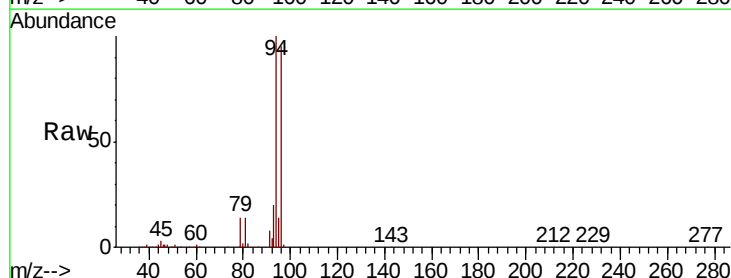
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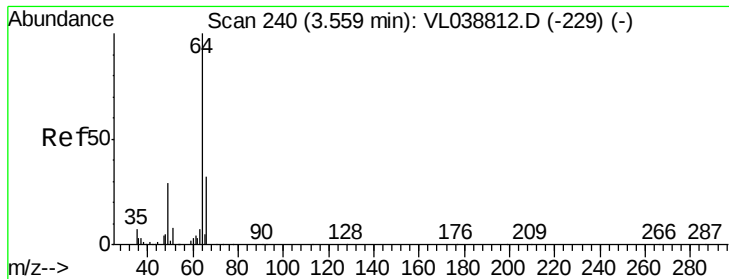
Tgt Ion: 94 Resp: 309312

Ion Ratio Lower Upper

94 100

96 94.7 73.2 109.8





#7

Chloroethane

Concen: 9.851 ppbv

RT: 3.55 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 15 Apr 2022 10:12

Tot Ion:

Ion Ratio

64 100

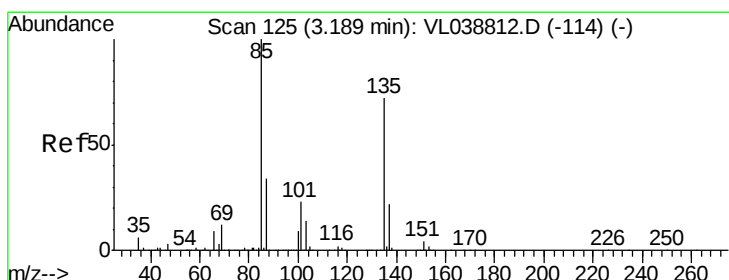
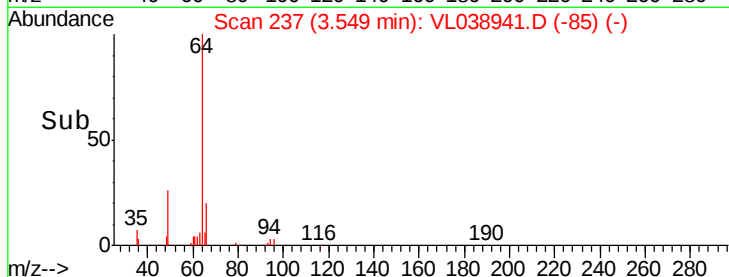
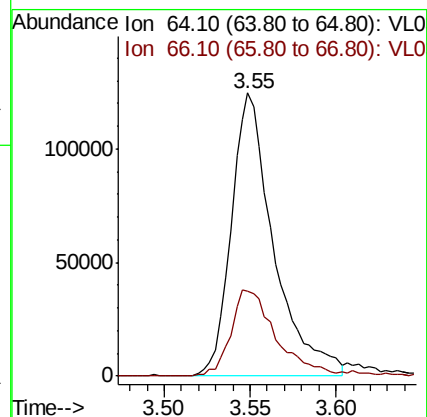
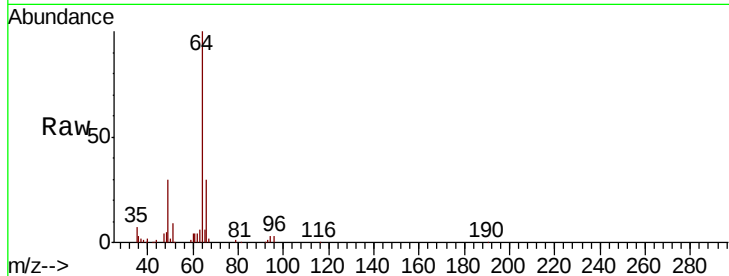
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#8

Dichlorotetrafluoroethane

Concen: 10.239 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.01 min

Lab File: VL038941.D

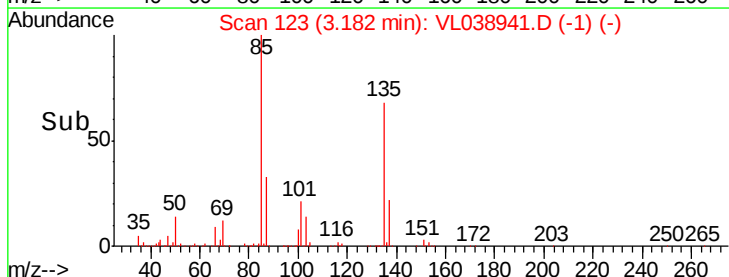
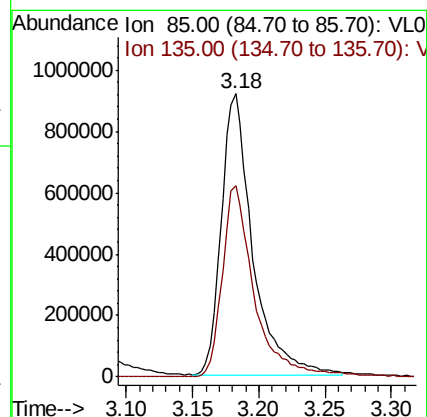
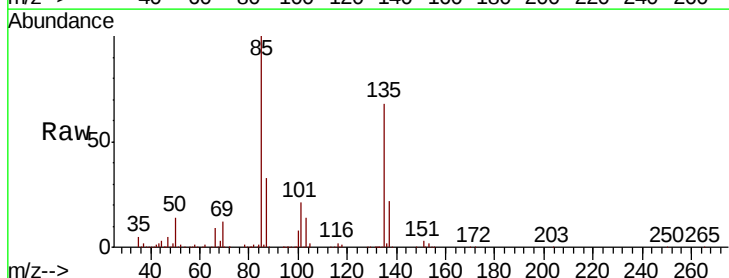
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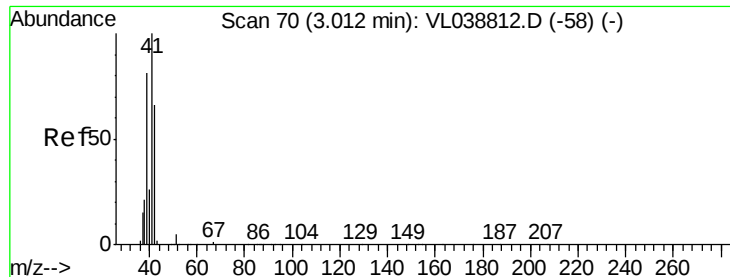
Tgt Ion: 85 Resp: 1506153

Ion Ratio Lower Upper

85 100

135 70.4 57.0 85.6



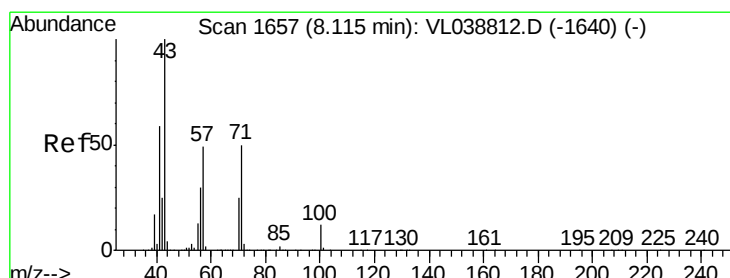
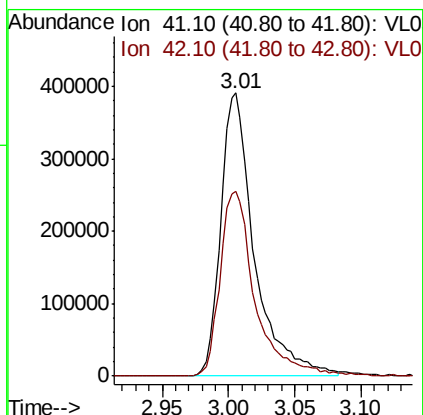
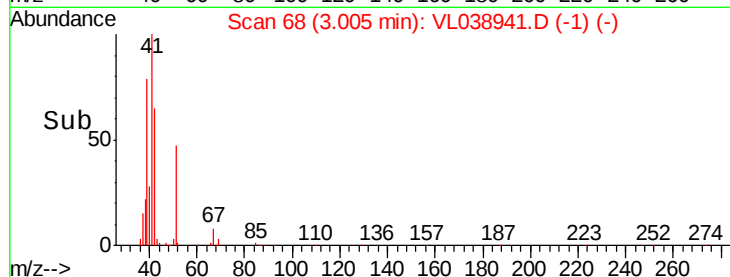
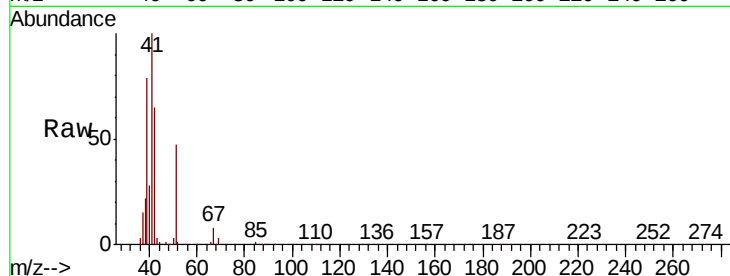


#9
 Propene
 Concen: 9.636 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 15 Apr 2022 10:12

Tot Ion:
 Ion Ratio
 41 100
 42 68.

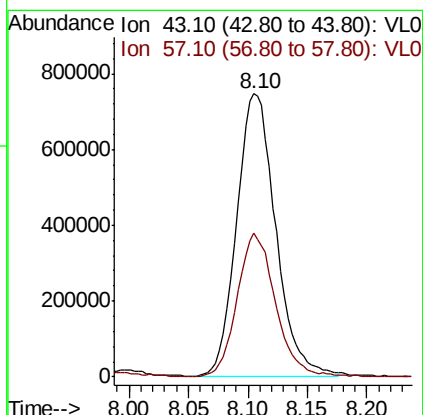
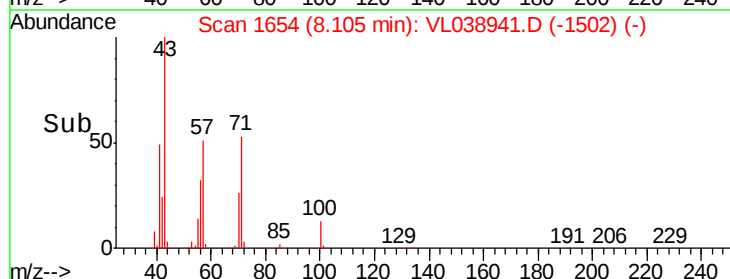
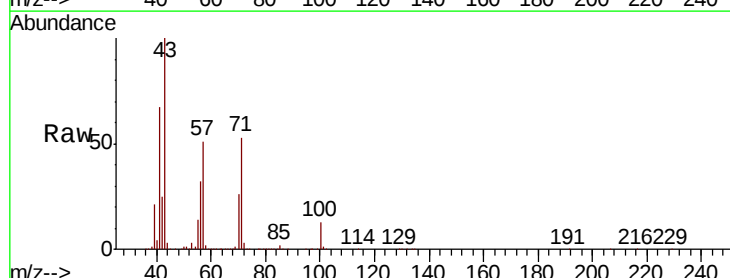
Manual Integrations
 APPROVED

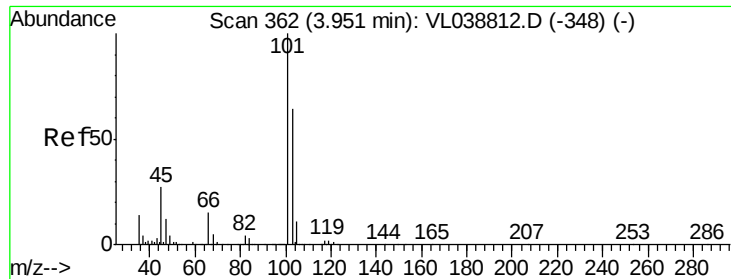
Reviewed By :Semsettin Yesilyurt 04/15/2022
 Supervised By :Mahesh Dadoda 04/18/2022



#10
 Heptane
 Concen: 9.356 ppbv
 RT: 8.10 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: VL038941.D
 Acq: 15 Apr 2022 10:12

Tgt Ion: 43 Resp: 1689256
 Ion Ratio Lower Upper
 43 100
 57 50.5 39.3 58.9



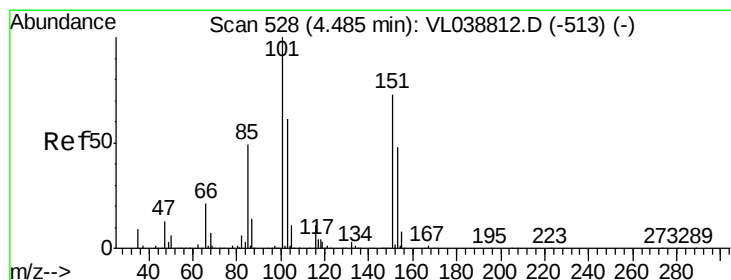
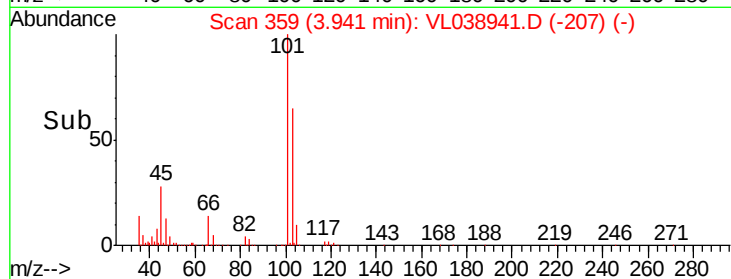
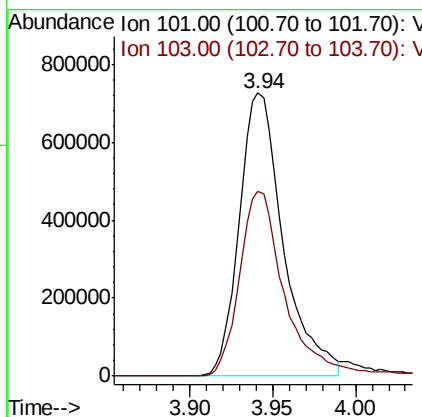
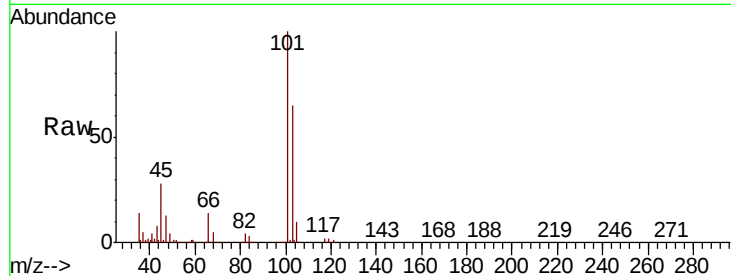


#11
 Trichlorofluoromethane
 Concen: 10.599 ppbv
 RT: 3.94 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 15 Apr 2022 10:12

Tot Ion:1
 Ion Ratio
 101 100
 103 65.

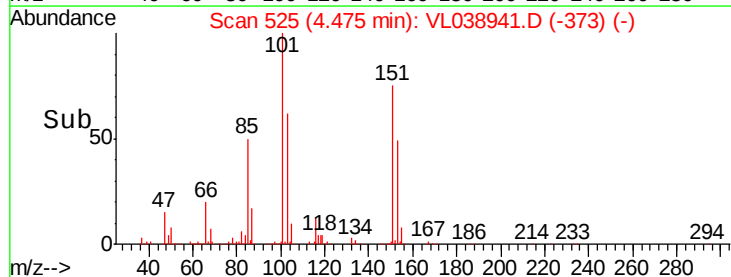
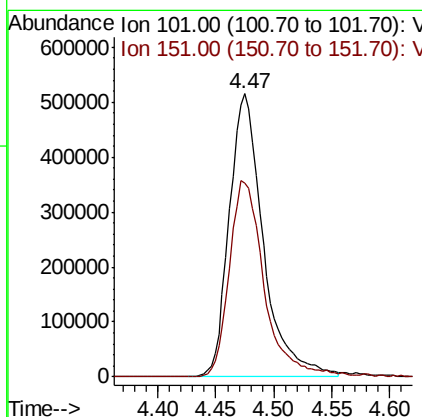
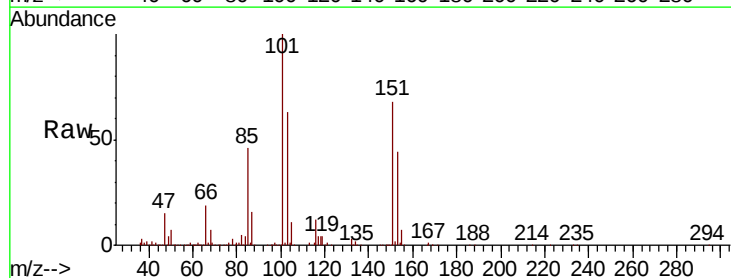
Manual Integrations
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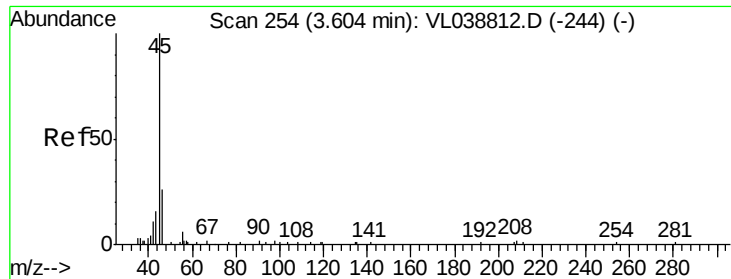
Reviewed By :Semsettin Yesilyurt 04/15/2022
 Supervised By :Mahesh Dadoda 04/18/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.819 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: VL038941.D
 Acq: 15 Apr 2022 10:12

Tgt Ion:101 Resp: 1048589
 Ion Ratio Lower Upper
 101 100
 151 71.7 59.9 89.9



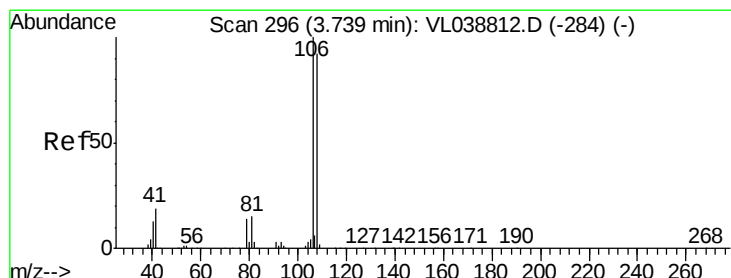
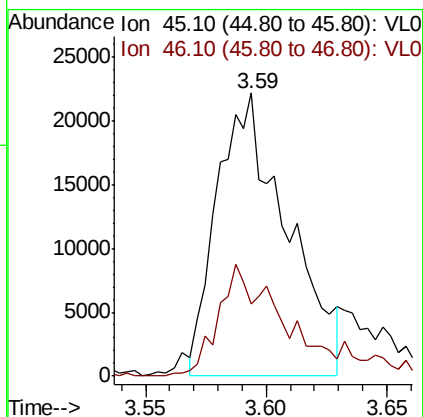
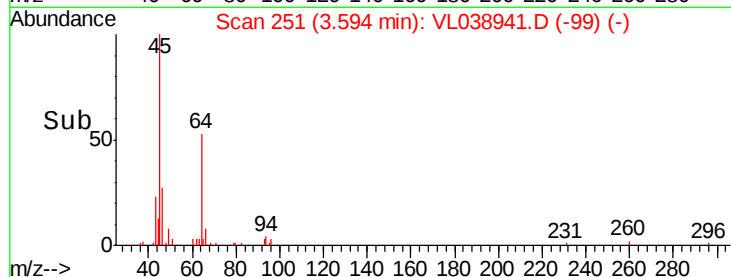
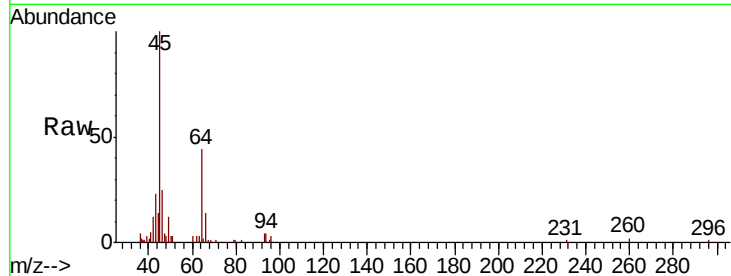


#13
Ethanol
Concen: 10.248 ppbv m
RT: 3.59
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 15 Apr 2022 10:12

Tot Ion:
Ion Ratio
45 100
46 41.

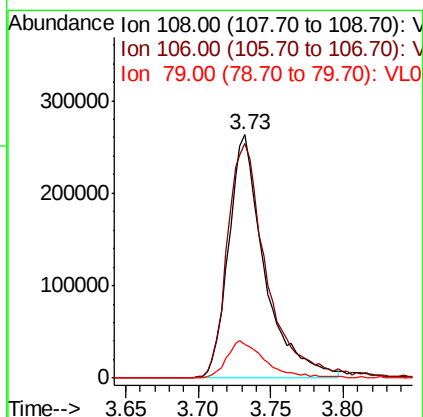
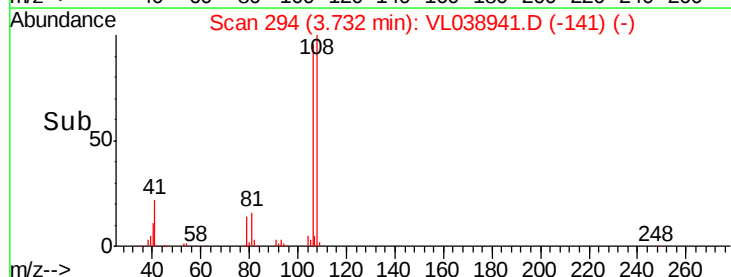
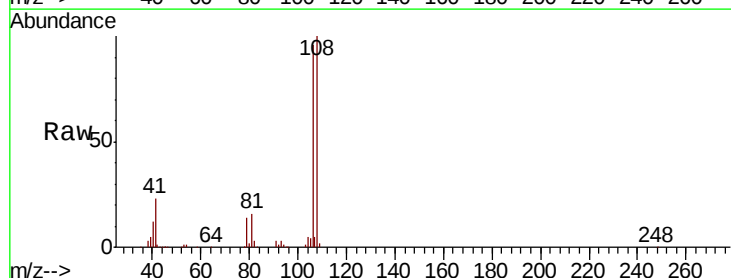
Manual Integrations
APPROVED

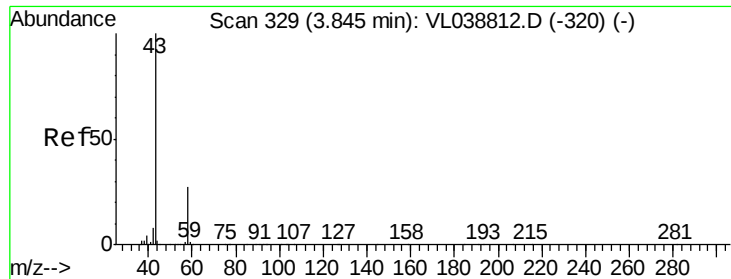
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#14
Bromoethene
Concen: 10.627 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion:108 Resp: 452970
Ion Ratio Lower Upper
108 100
106 107.6 91.5 137.3
79 17.1 13.7 20.5



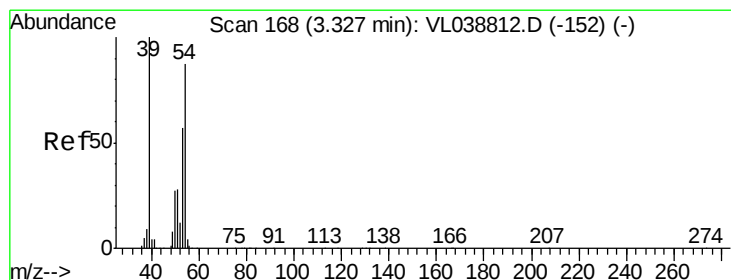
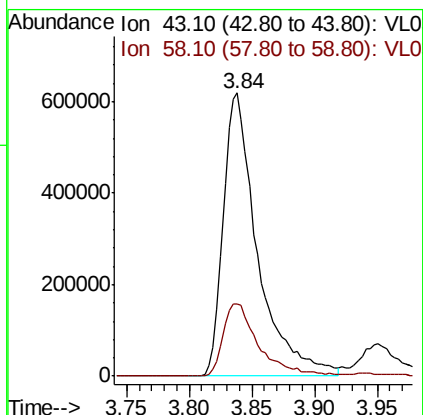
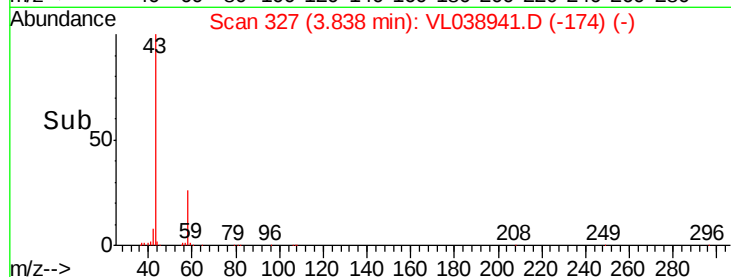
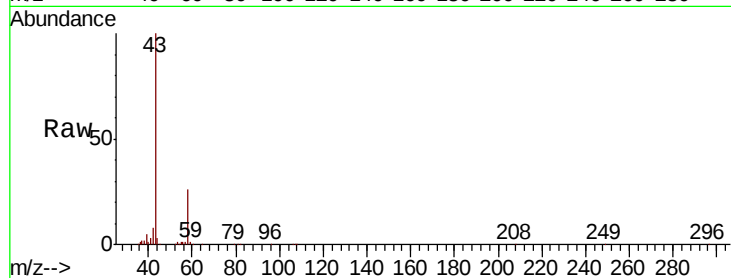


#15
Acetone
Concen: 10.612 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 15 Apr 2022 10:12

Tot Ion:
Ion Ratio
43 100
58 26.

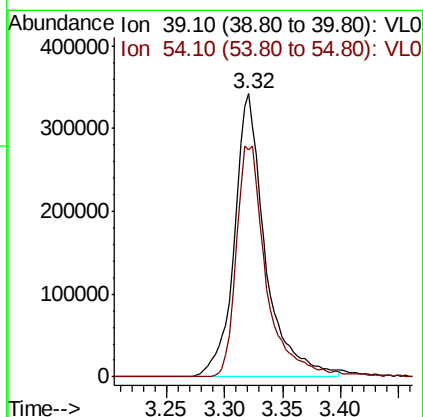
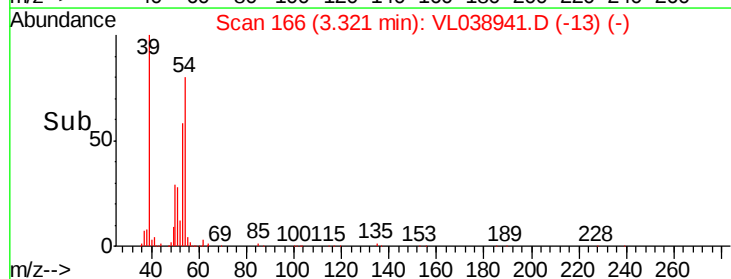
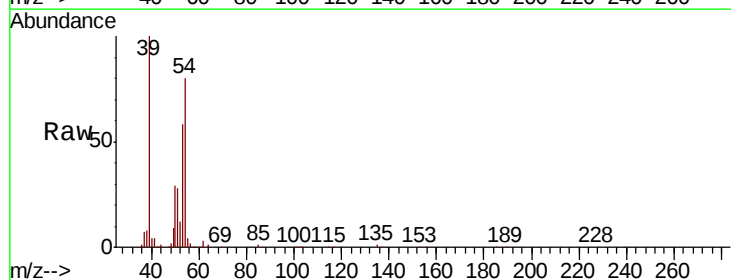
Manual Integrations
APPROVED

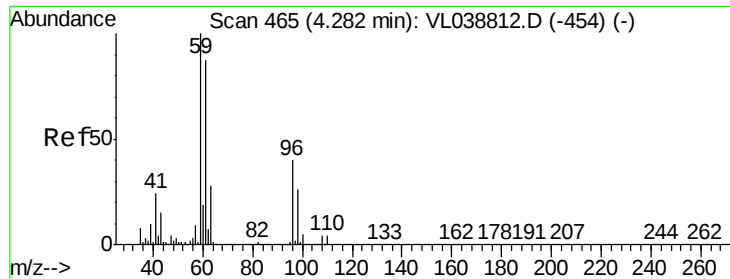
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#16
1,3-Butadiene
Concen: 9.924 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion: 39 Resp: 627022
Ion Ratio Lower Upper
39 100
54 80.1 64.8 97.2





#17

tert-Butyl alcohol

Concen: 8.319 ppbv

RT: 4.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 15 Apr 2022 10:12 VSTDCCC010EC

Tot Ion:

Ion Ratio

59 100

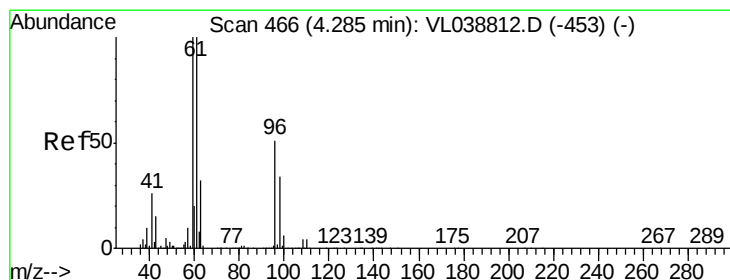
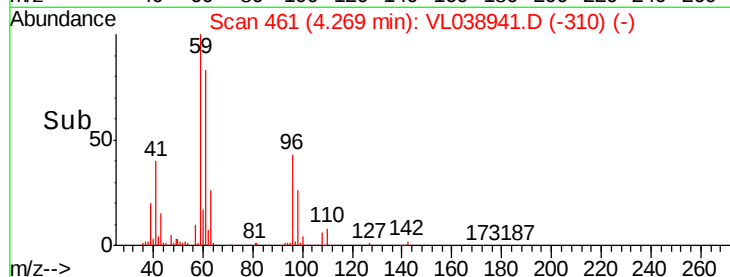
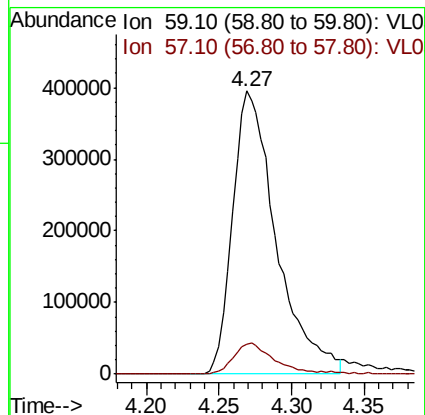
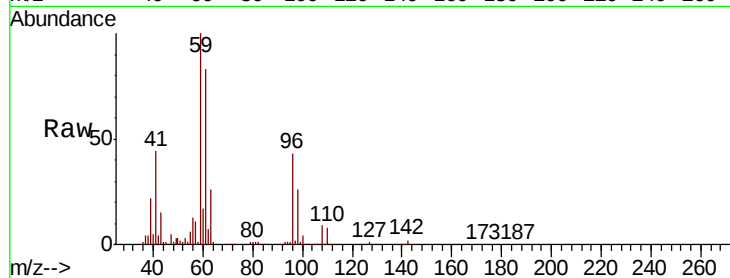
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#18

1,1-Dichloroethene

Concen: 10.632 ppbv

RT: 4.28 min Scan# 464

Delta R.T. -0.01 min

Lab File: VL038941.D

Acq: 15 Apr 2022 10:12

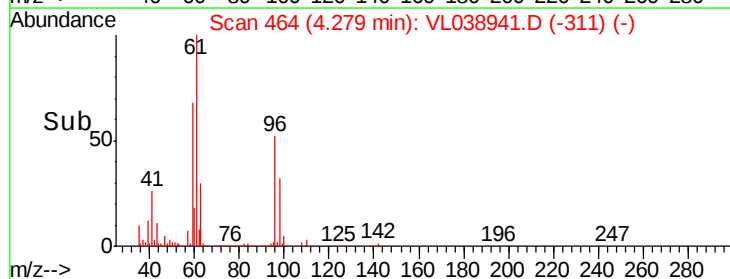
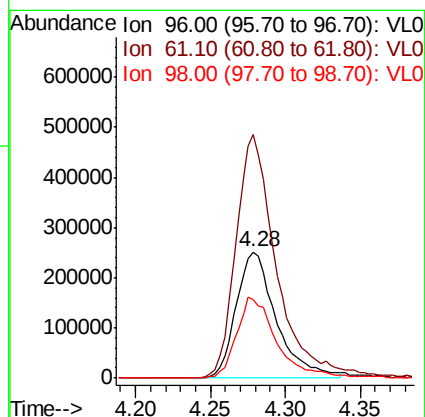
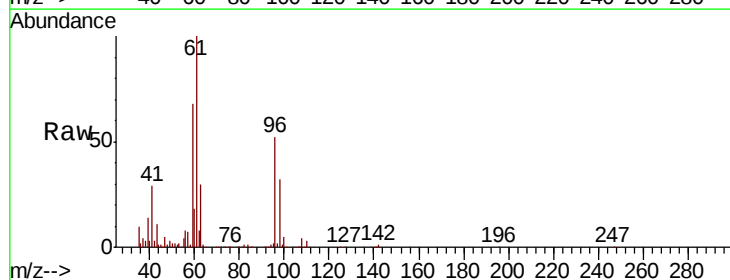
Tgt Ion: 96 Resp: 469748

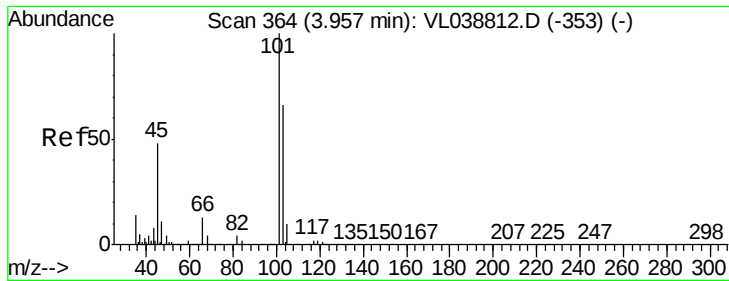
Ion Ratio Lower Upper

96 100

61 192.8 156.1 234.1

98 62.0 53.0 79.6



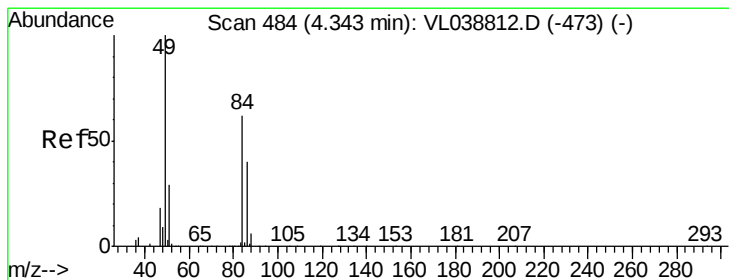
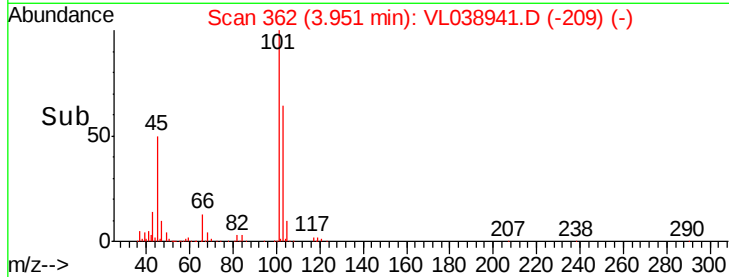
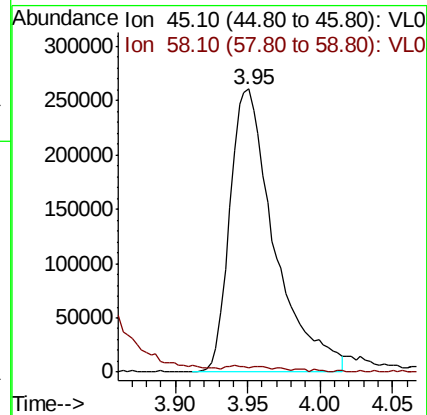
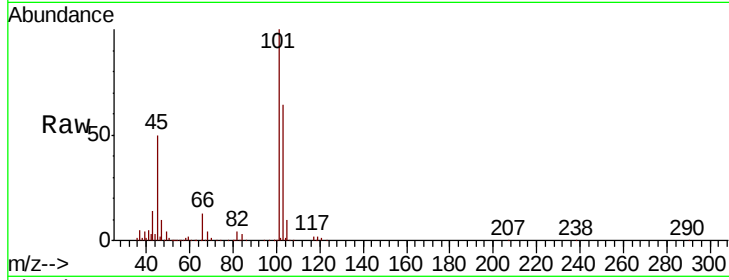


#19
Isopropyl Alcohol
Concen: 9.829 ppbv
RT: 3.95
Instrument: MSVOA.L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 15 Apr 2022 10:12

Tot Ion:
Ion Ratio
45 100
58 2.

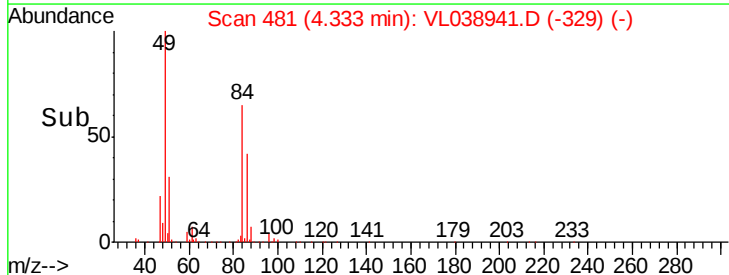
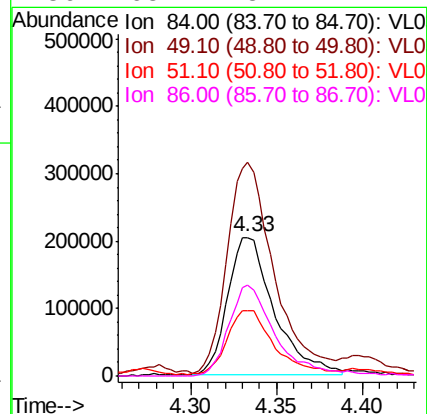
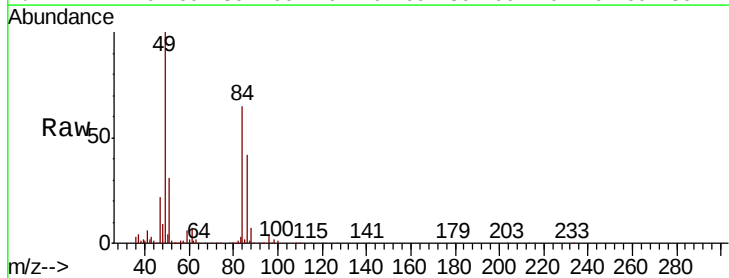
Manual Integrations
APPROVED

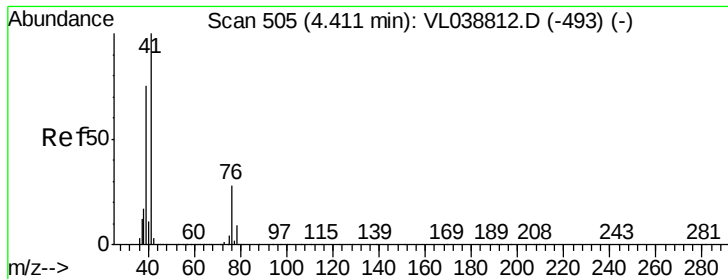
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#20
Methylene Chloride
Concen: 9.626 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion: 84 Resp: 385868
Ion Ratio Lower Upper
84 100
49 153.4 129.4 194.0
51 45.9 37.4 56.2
86 65.7 51.4 77.2



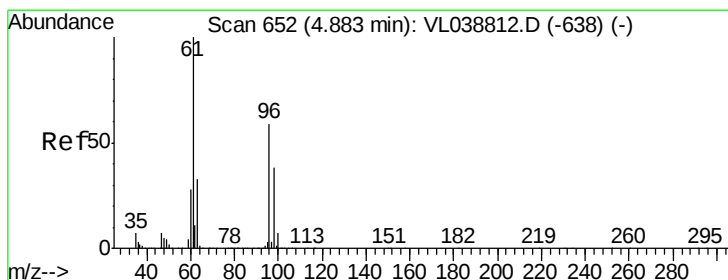
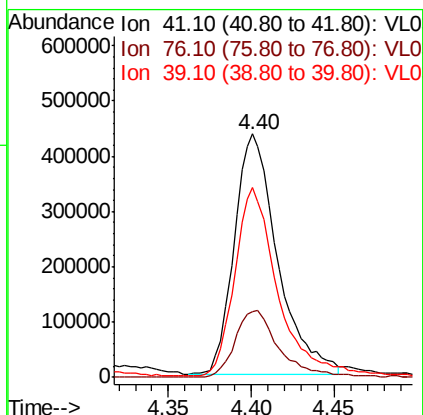
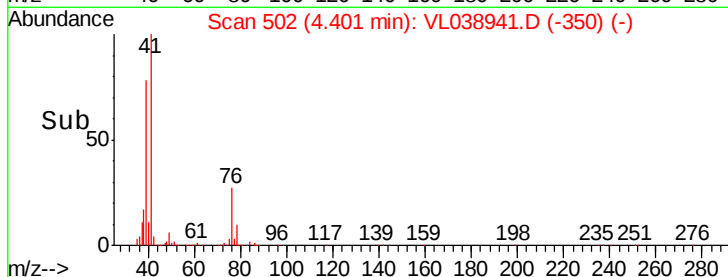
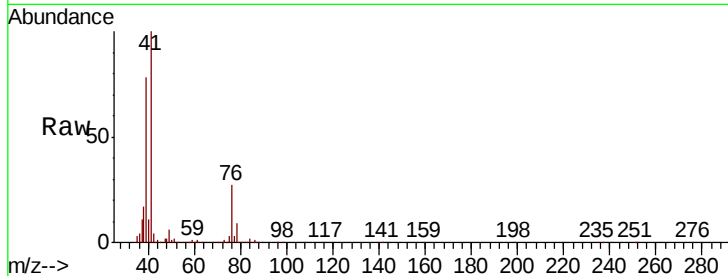


#21
 Allvl Chloride
 Concen: 9.517 ppbv
 RT: 4.40
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 15 Apr 2022 10:12

Tot Ion:
 Ion Ratio
 41 100
 76 28.
 39 79.

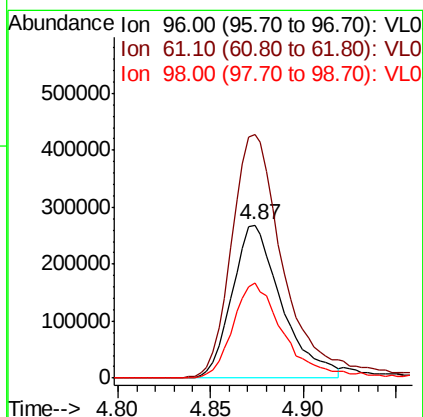
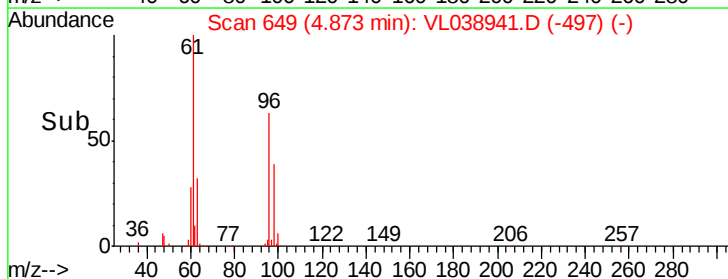
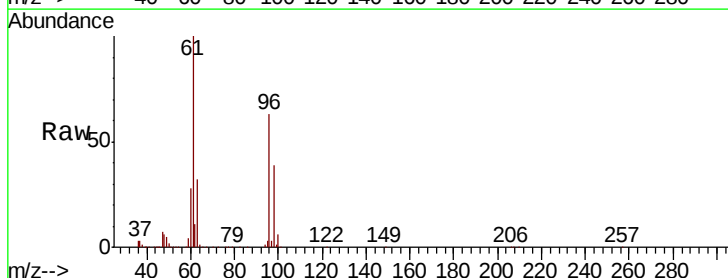
Manual Integrations
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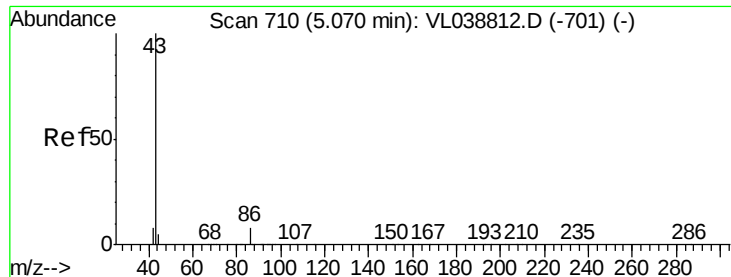
Reviewed By :Semsettin Yesilyurt 04/15/2022
 Supervised By :Mahesh Dadoda 04/18/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.017 ppbv
 RT: 4.87 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: VL038941.D
 Acq: 15 Apr 2022 10:12

Tgt Ion: 96 Resp: 492852
 Ion Ratio Lower Upper
 96 100
 61 159.5 134.8 202.2
 98 62.8 51.9 77.9





#23

Vinyl Acetate

Concen: 11.006 ppbv

RT: 5.06 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 15 Apr 2022 10:12

Tot Ion:

Ion Ratio

43 100

86 7.

42 10.

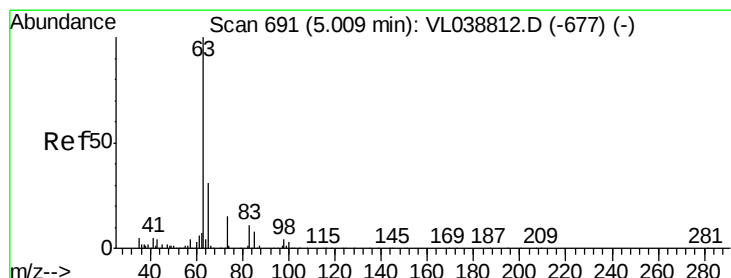
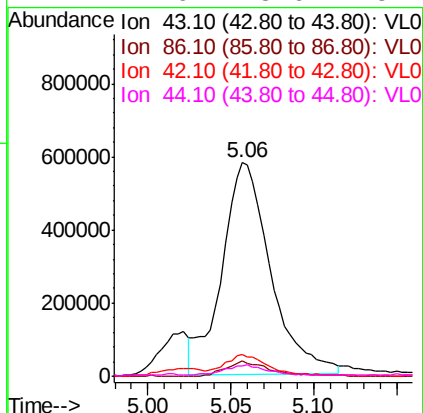
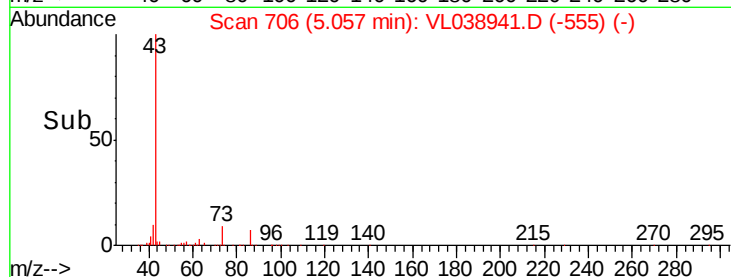
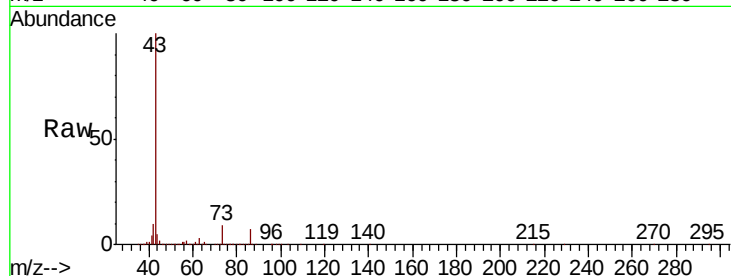
44 4.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#24

1,1-Dichloroethane

Concen: 10.211 ppbv

RT: 5.00 min Scan# 688

Delta R.T. -0.01 min

Lab File: VL038941.D

Acq: 15 Apr 2022 10:12

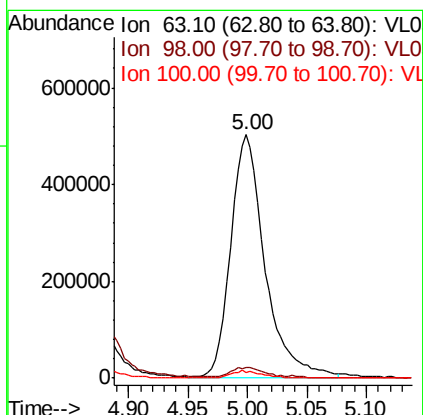
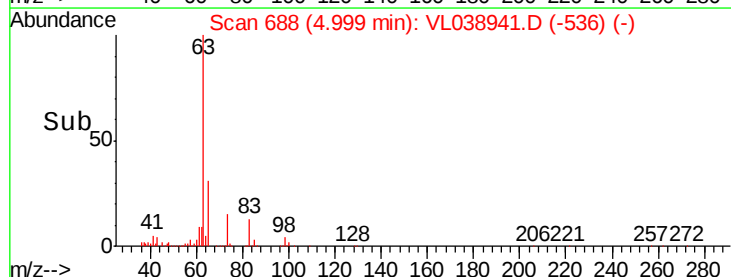
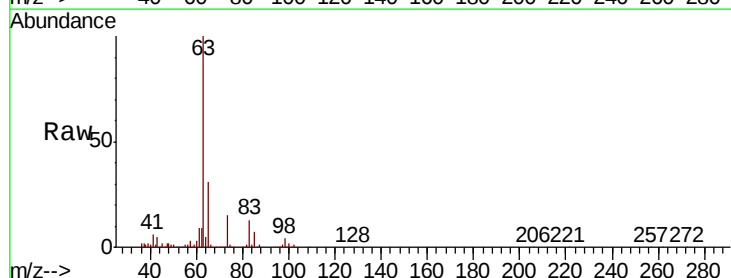
Tgt Ion: 63 Resp: 993226

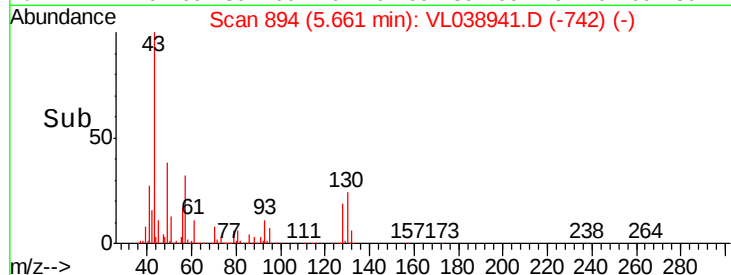
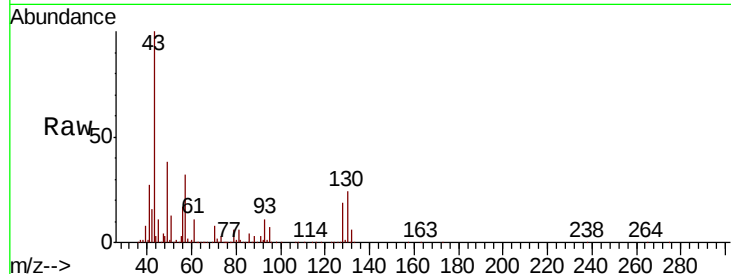
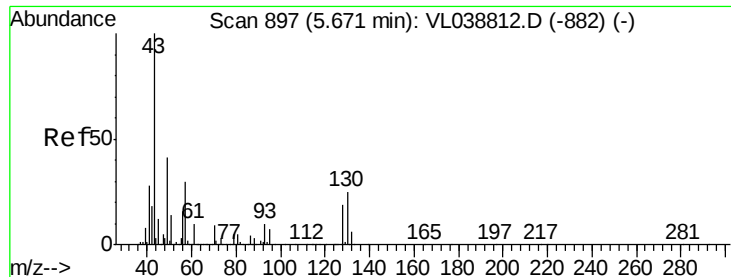
Ion Ratio Lower Upper

63 100

98 4.3 2.2 6.6

100 2.2 1.4 4.0



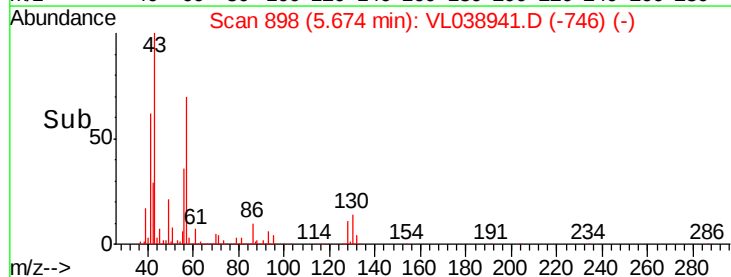
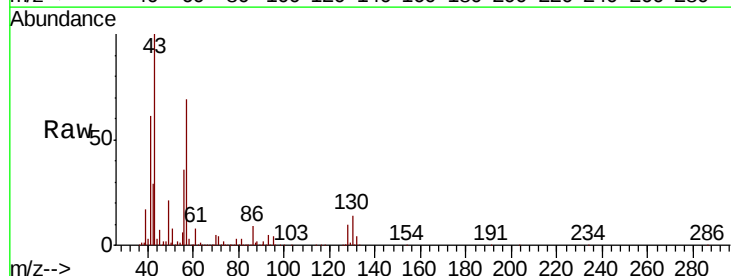
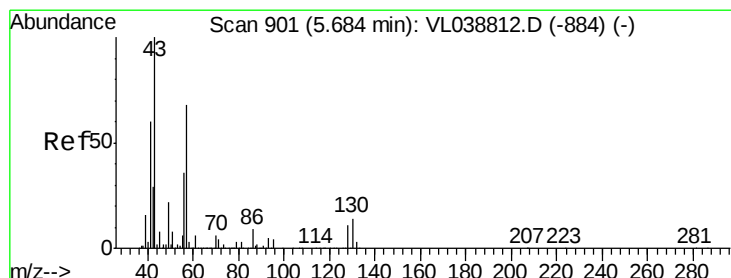
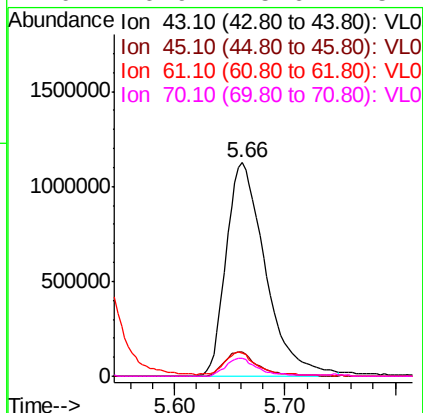


#25
Ethyl Acetate
Concen: 9.874 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 15 Apr 2022 10:12

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 6.9 5.6 8.4

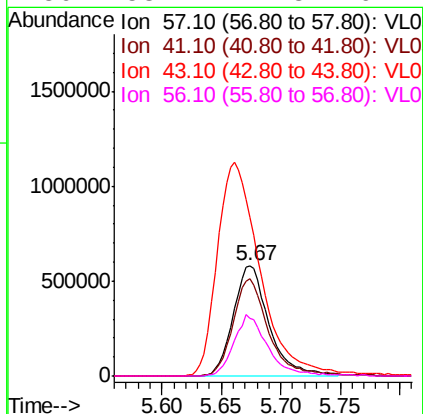
Manual Integrations
APPROVED

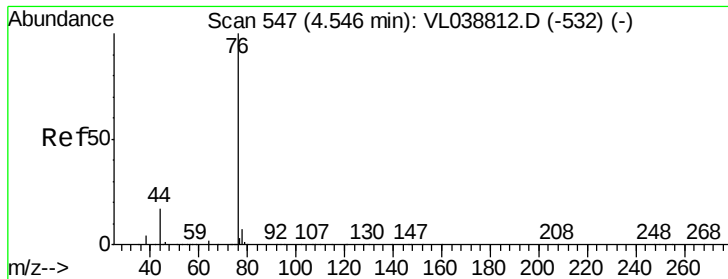
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#26
Hexane
Concen: 9.436 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion: 57 Resp: 1204497
Ion Ratio Lower Upper
57 100
41 88.8 72.0 108.0
43 233.3 186.6 280.0
56 53.4 42.8 64.2





#27

Carbon Disulfide

Concen: 10.361 ppbv

RT: 4.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 15 Apr 2022 10:12 VSTDCCC010EC

Tot Ion:

Ion Ratio

76 100

44 18.

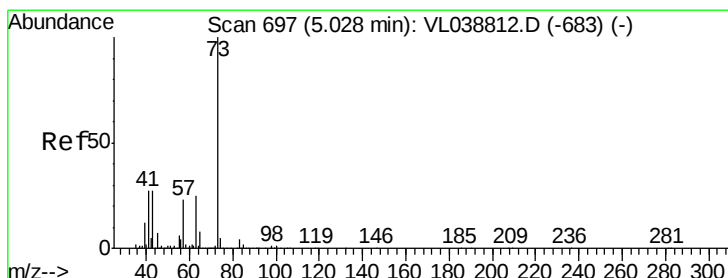
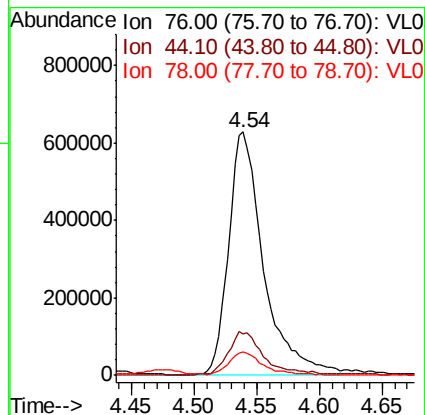
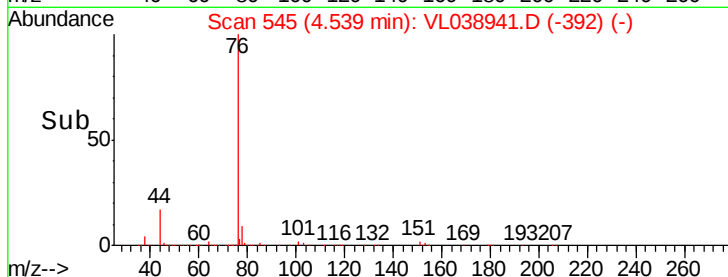
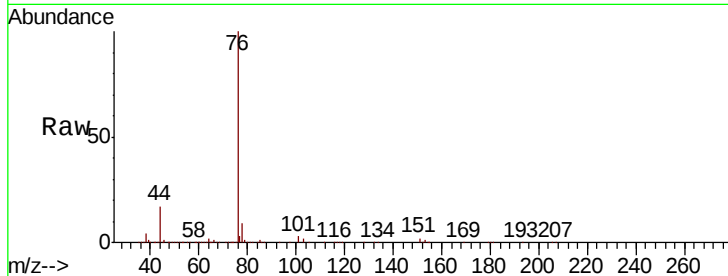
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#28

Methyl tert-Butyl Ether

Concen: 9.342 ppbv

RT: 5.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: VL038941.D

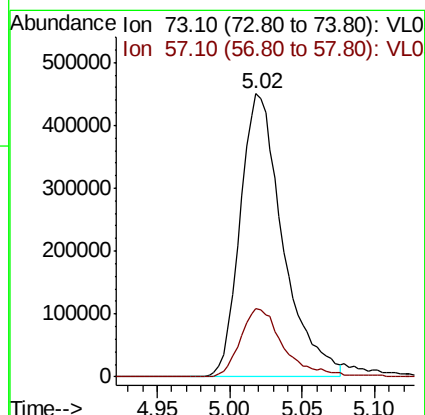
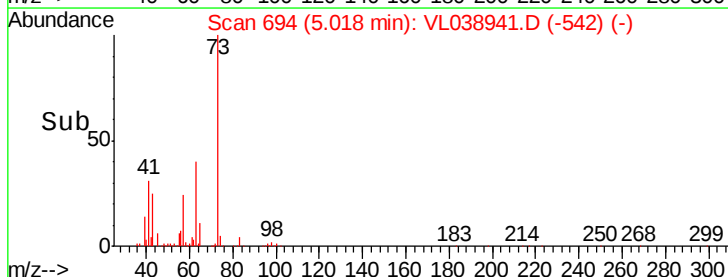
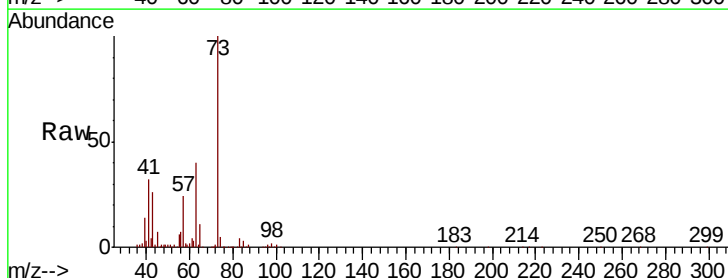
Acq: 15 Apr 2022 10:12

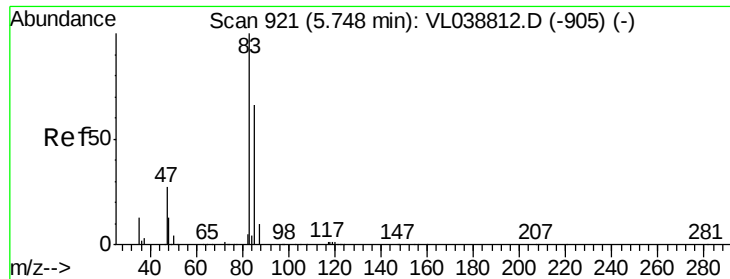
Tgt Ion: 73 Resp: 920983

Ion Ratio Lower Upper

73 100

57 24.8 19.7 29.5



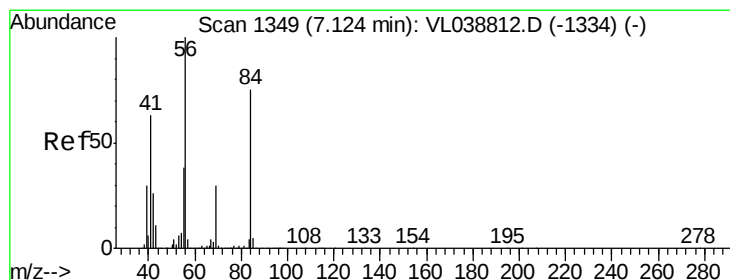
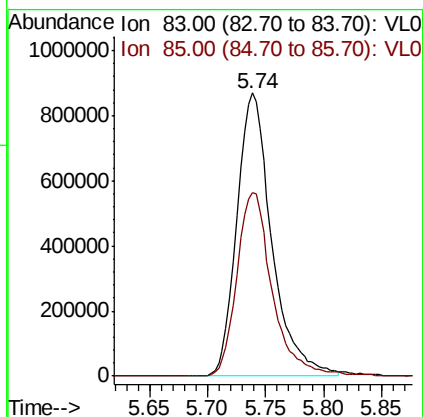
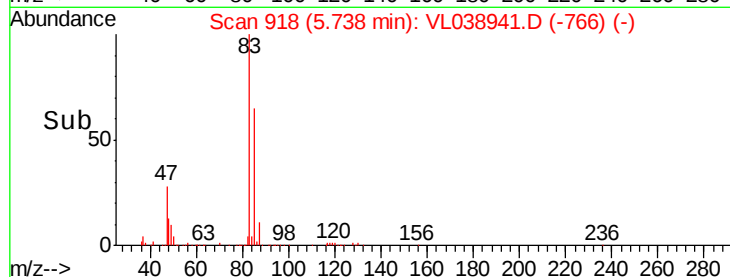
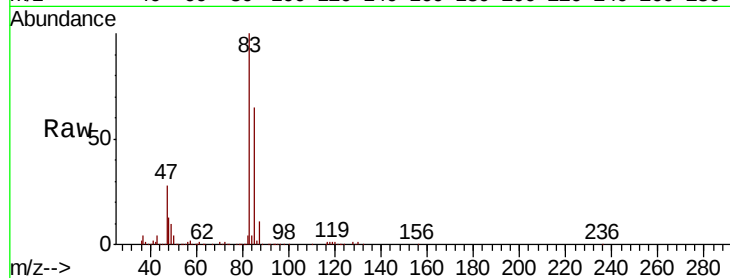


#29
Chloroform
Concen: 10.180 ppbv
RT: 5.74
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 15 Apr 2022 10:12

Tot Ion:
Ion Ratio
83 100
85 64.

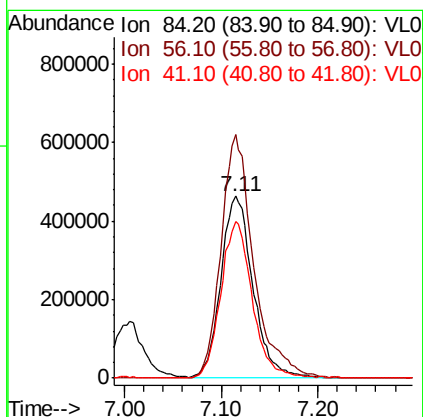
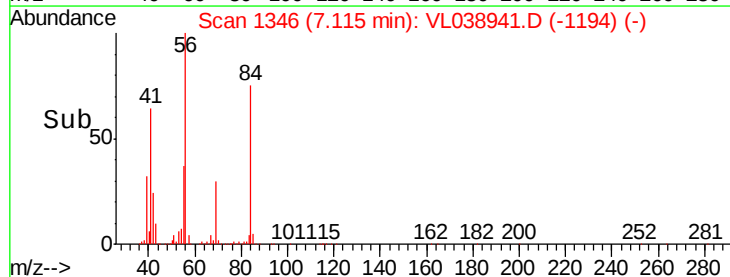
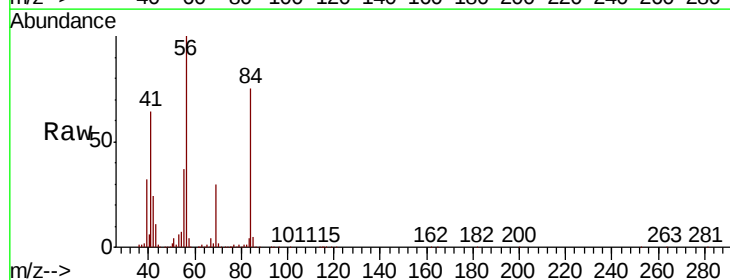
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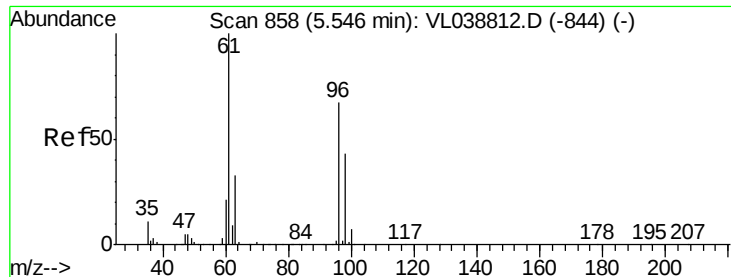
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#30
Cyclohexane
Concen: 9.485 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion: 84 Resp: 1067103
Ion Ratio Lower Upper
84 100
56 137.0 114.4 171.6
41 83.9 69.0 103.4





#31

cis-1,2-Dichloroethene

Concen: 10.017 ppbv

RT: 5.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 15 Apr 2022 10:12 VSTDCCC010EC

Tot Ion:

Ion Ratio

61 100

96 65.

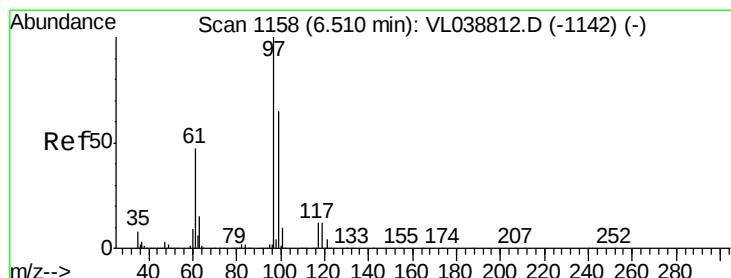
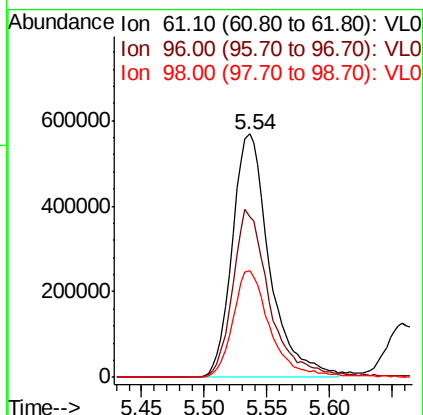
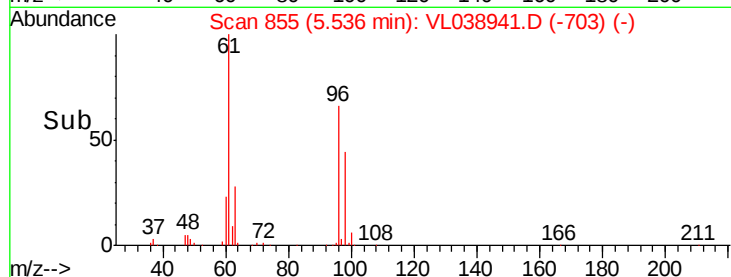
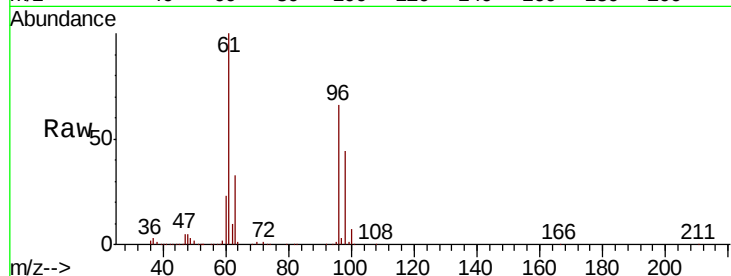
98 44.

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Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#32

1,1,1-Trichloroethane

Concen: 9.931 ppbv

RT: 6.50 min Scan# 1154

Delta R.T. -0.01 min

Lab File: VL038941.D

Acq: 15 Apr 2022 10:12

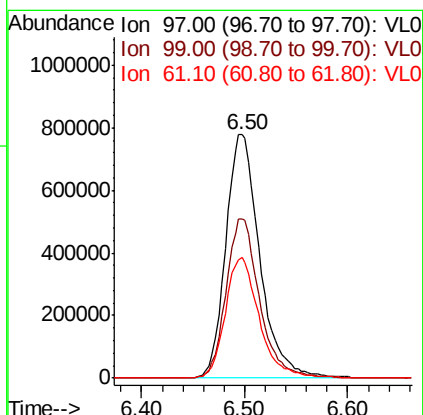
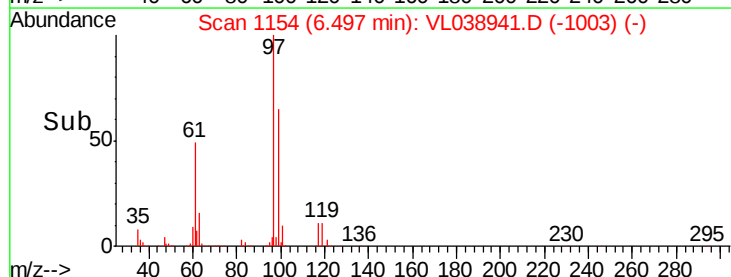
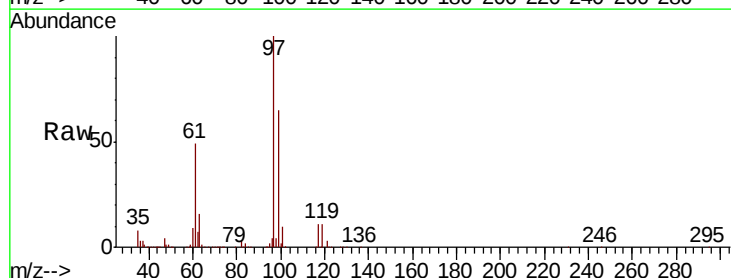
Tgt Ion: 97 Resp: 1787061

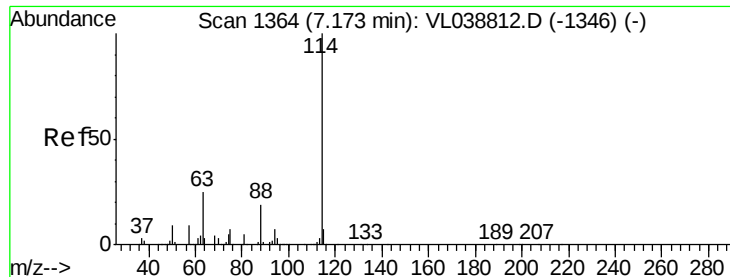
Ion Ratio Lower Upper

97 100

99 64.7 52.4 78.6

61 49.7 38.6 57.8



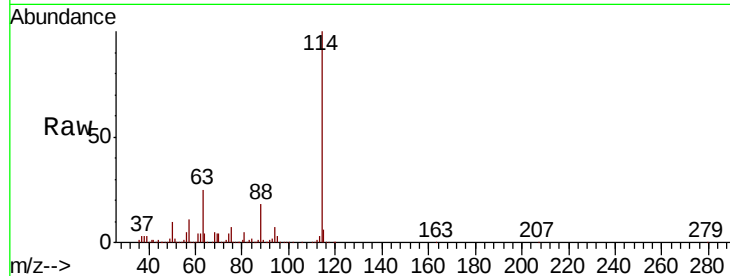


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 15 Apr 2022 10:12

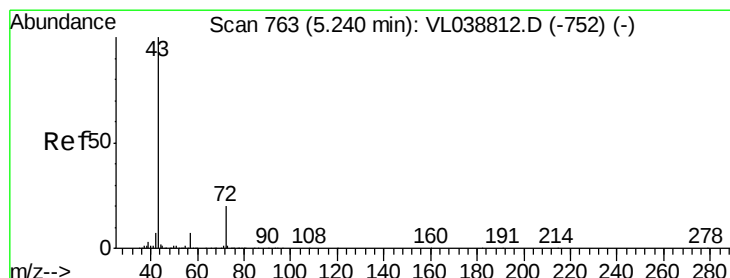
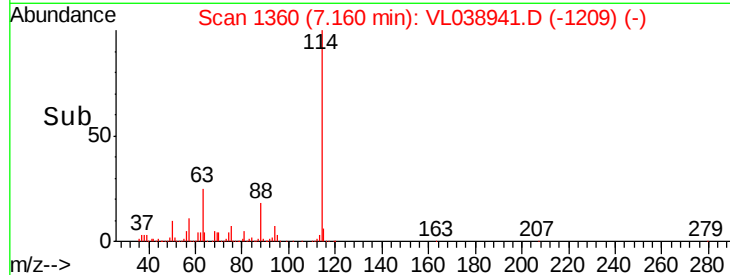
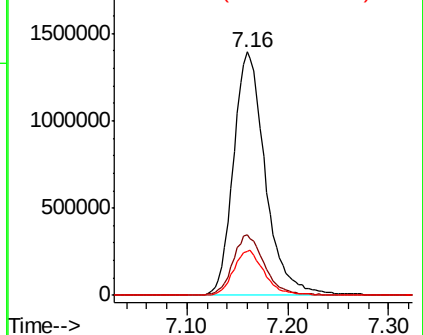
Tot Ion:1
 Ion Rati
 114 100
 63 25.
 88 18.

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 Supervised By :Mahesh Dadoda 04/18/2022

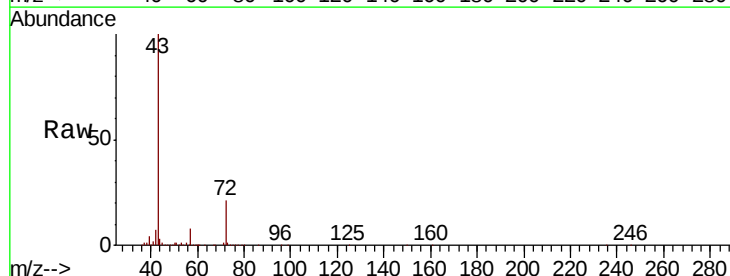


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

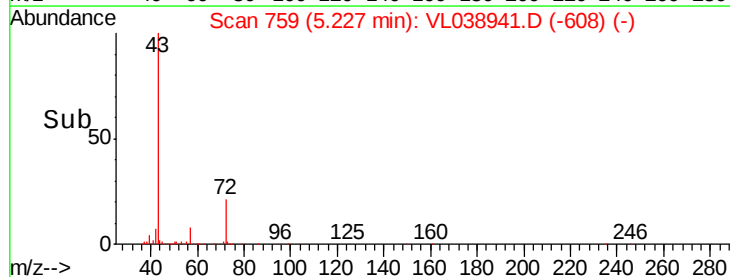
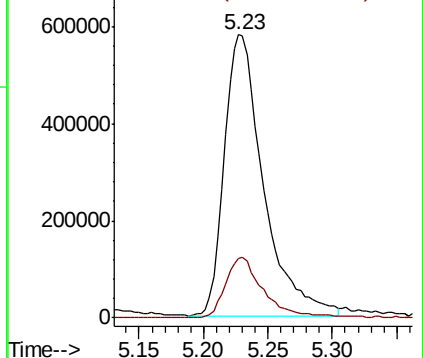


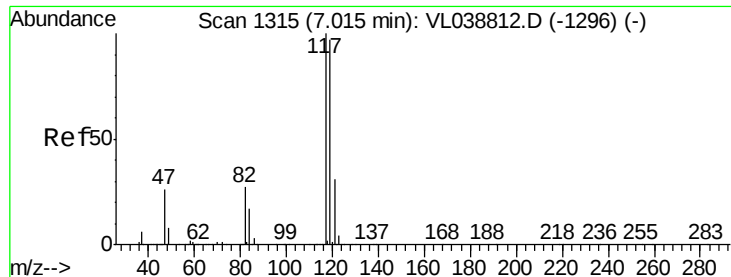
#34
 2-Butanone
 Concen: 10.186 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: VL038941.D
 Acq: 15 Apr 2022 10:12

Tgt Ion: 43 Resp: 1227517
 Ion Ratio Lower Upper
 43 100
 72 21.3 16.9 25.3



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



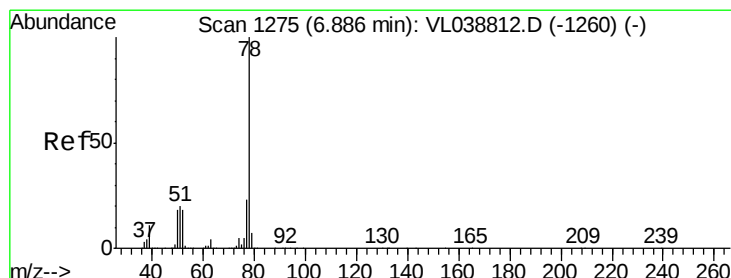
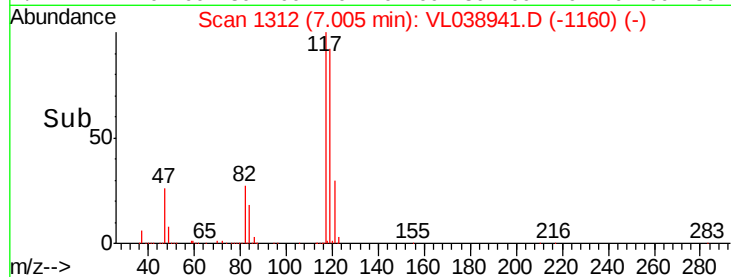
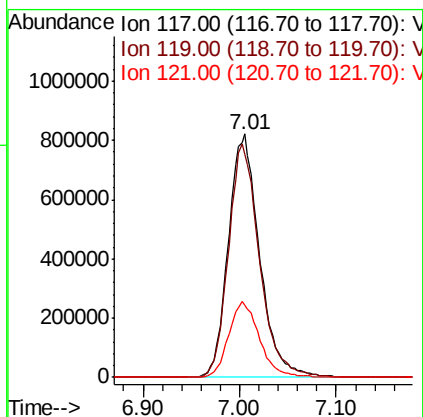
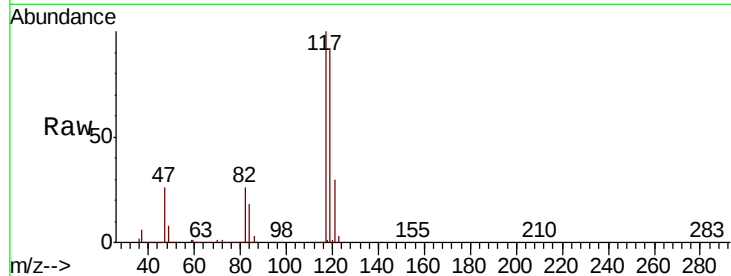


#35
Carbon Tetrachloride
Concen: 10.068 ppbv
RT: 7.01 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 15 Apr 2022 10:12

Tot Ion:1
Ion Ratio
117 100
119 91.
121 29.

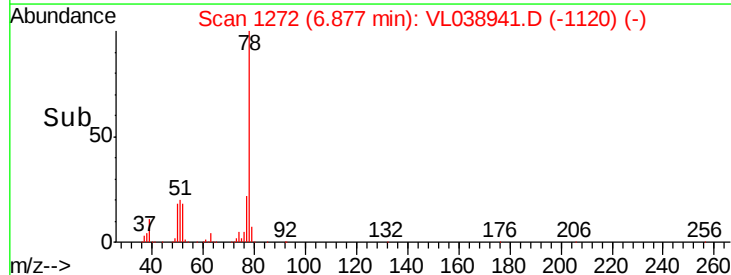
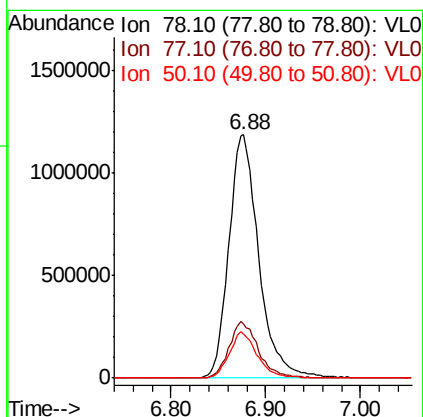
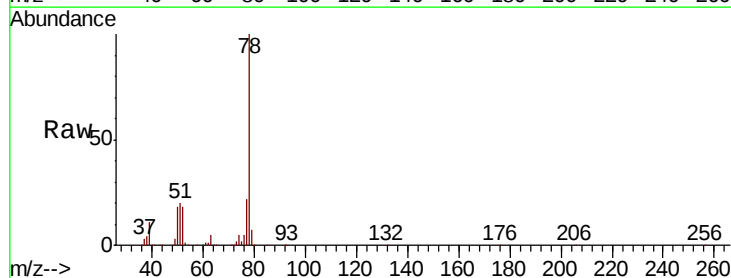
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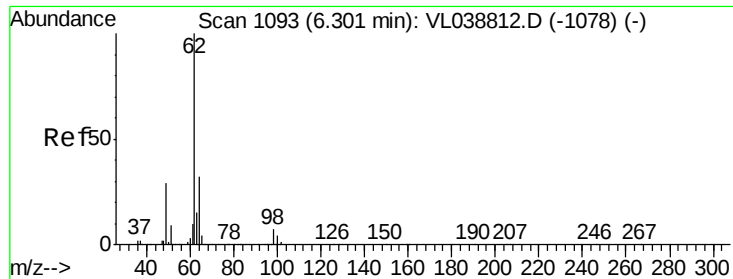
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#36
Benzene
Concen: 9.387 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion: 78 Resp: 2604430
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.2
50 18.1 14.0 21.0



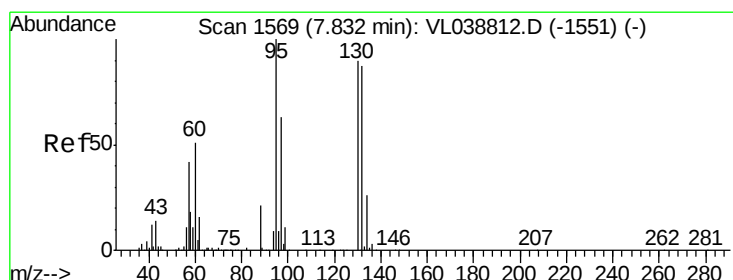
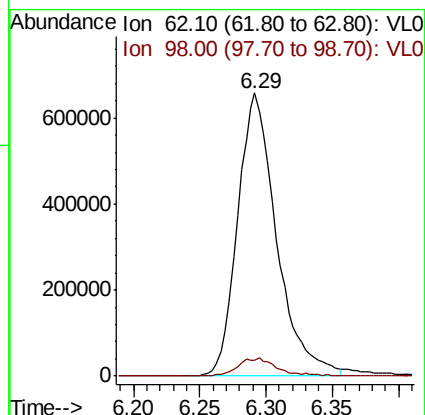
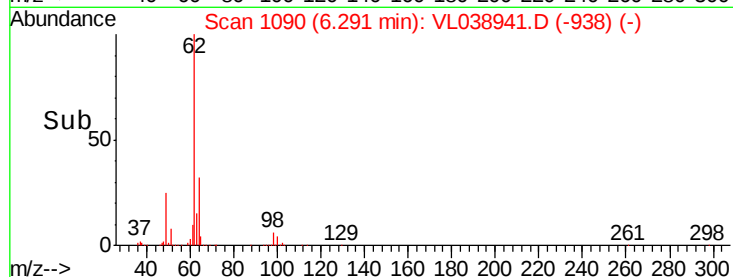
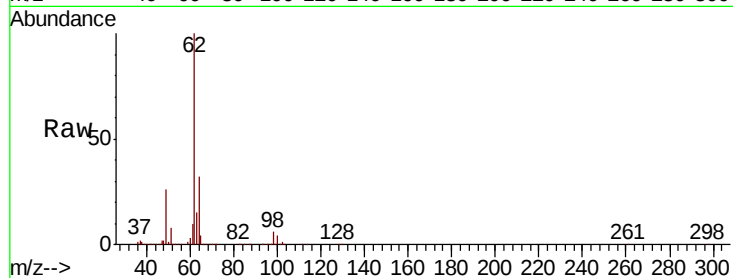


#37
 1,2-Dichloroethane
 Concen: 10.594 ppbv
 RT: 6.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 15 Apr 2022 10:12

Tot Ion:
 Ion Ratio
 62 100
 98 6.

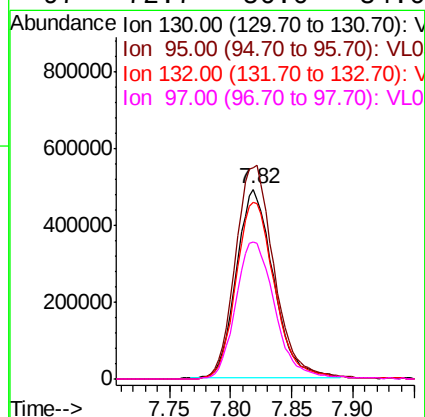
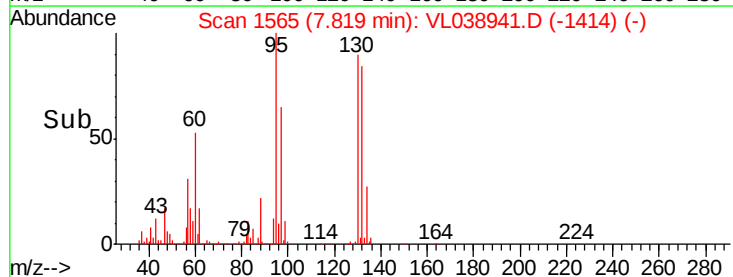
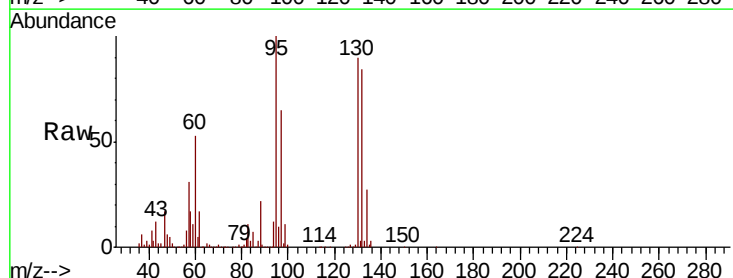
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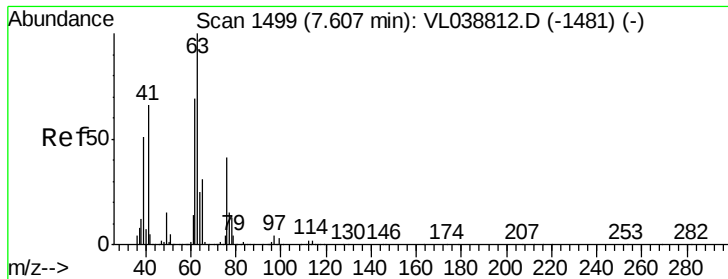
Reviewed By :Semsettin Yesilyurt 04/15/2022
 Supervised By :Mahesh Dadoda 04/18/2022



#38
 Trichloroethene
 Concen: 9.180 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VL038941.D
 Acq: 15 Apr 2022 10:12

Tgt Ion:130 Resp: 1044991
 Ion Ratio Lower Upper
 130 100
 95 112.0 89.4 134.0
 132 93.7 77.7 116.5
 97 72.7 56.0 84.0



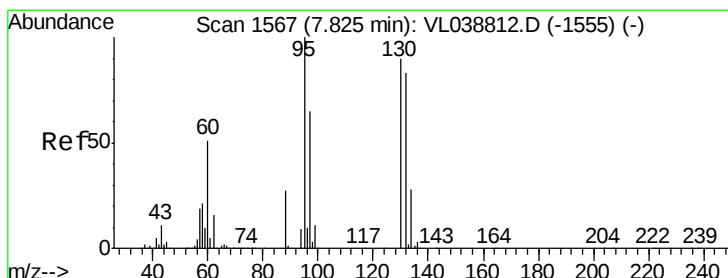
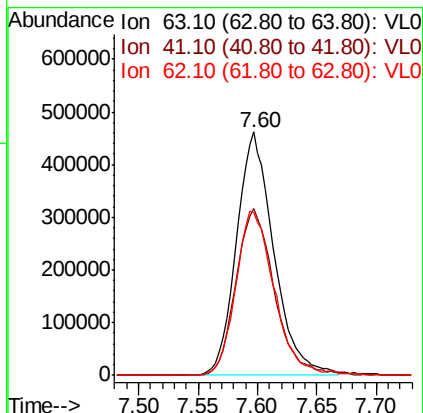
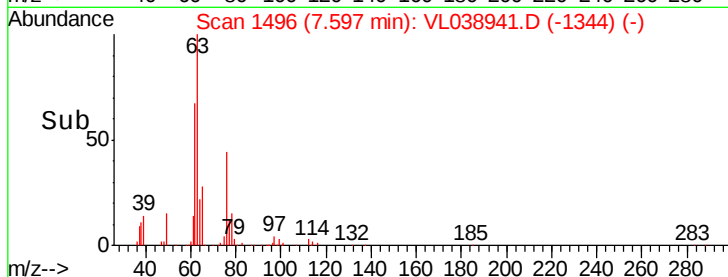
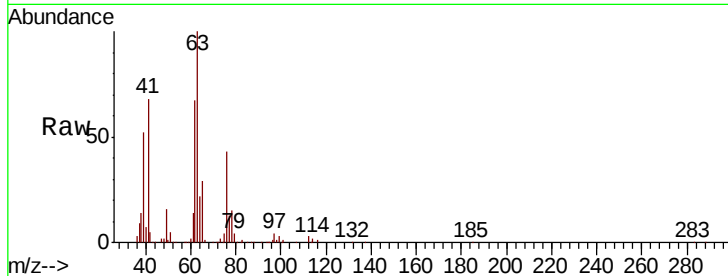


#39
 1,2-Dichloropropane
 Concen: 9.457 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 15 Apr 2022 10:12

Tot Ion:
 Ion Ratio
 63 100
 41 68.
 62 66.

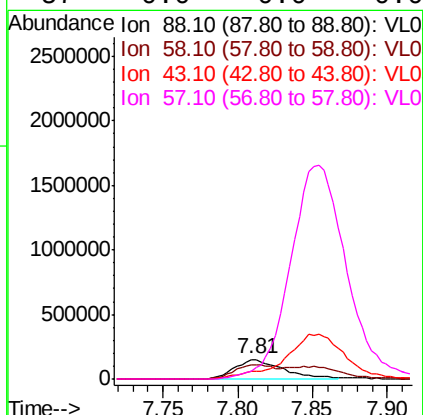
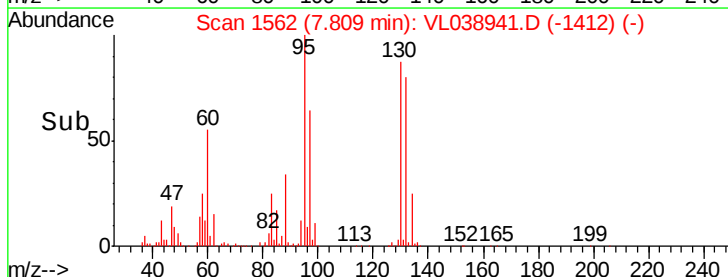
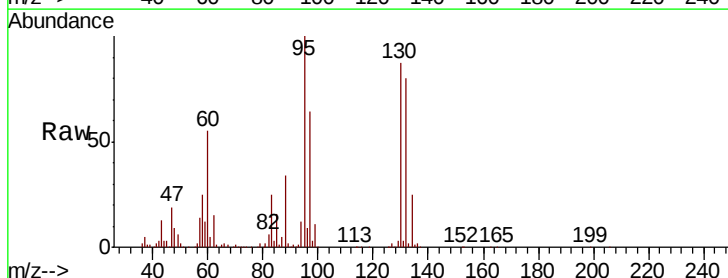
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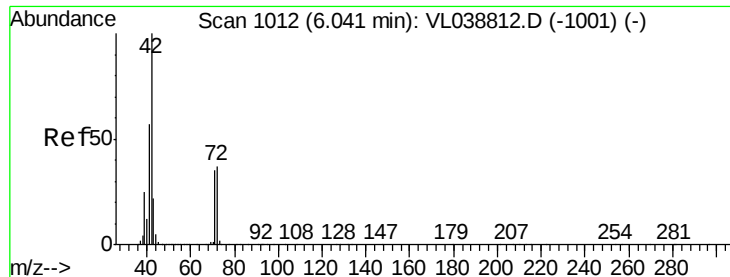
Reviewed By :Semsettin Yesilyurt 04/15/2022
 Supervised By :Mahesh Dadoda 04/18/2022



#40
 1,4-Dioxane
 Concen: 9.367 ppbv
 RT: 7.81 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: VL038941.D
 Acq: 15 Apr 2022 10:12

Tgt Ion: 88 Resp: 337544
 Ion Ratio Lower Upper
 88 100
 58 137.2 49.4 74.0#
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0



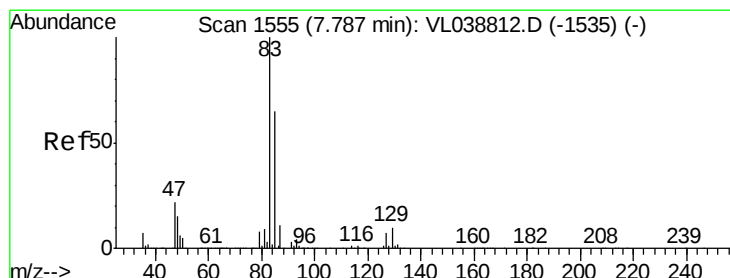
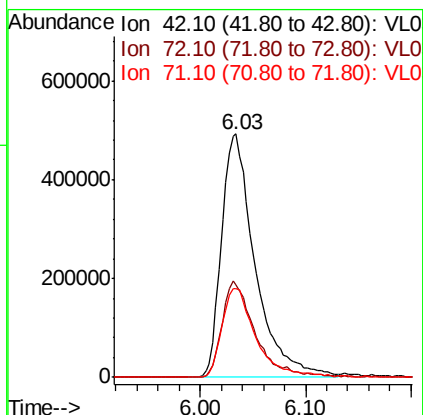
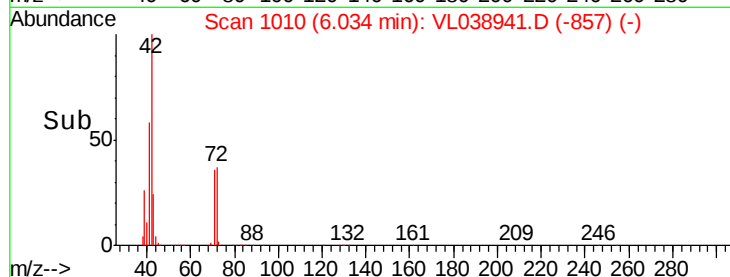
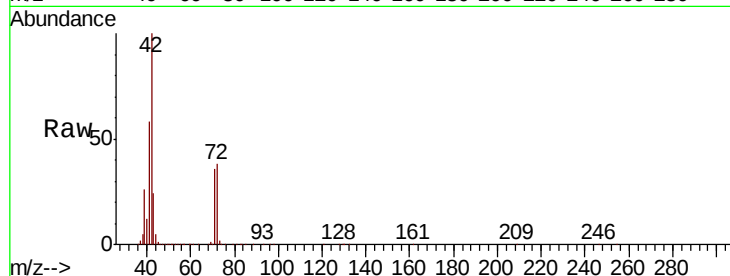


#41
Tetrahydrofuran
Concen: 9.527 ppbv
RT: 6.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 15 Apr 2022 10:12

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

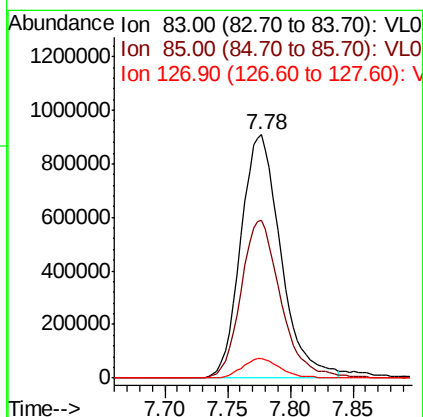
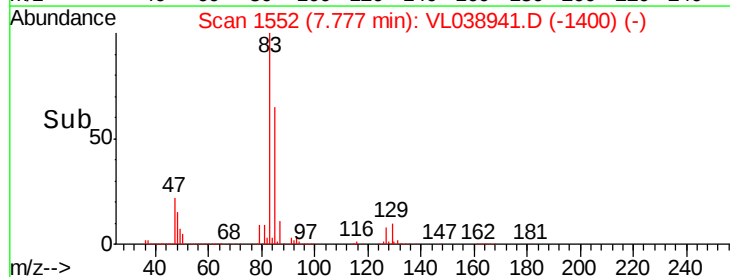
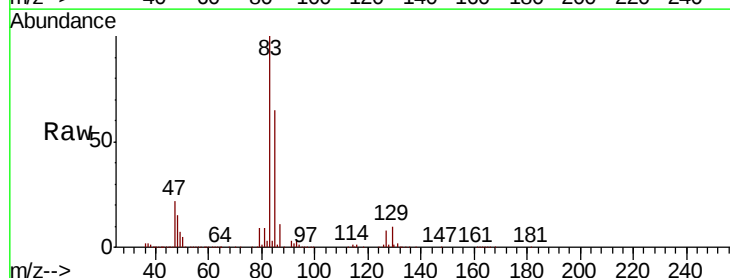
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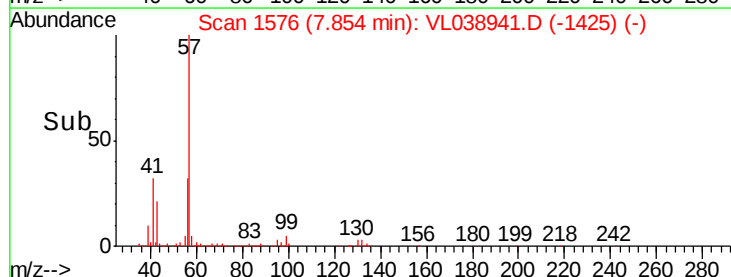
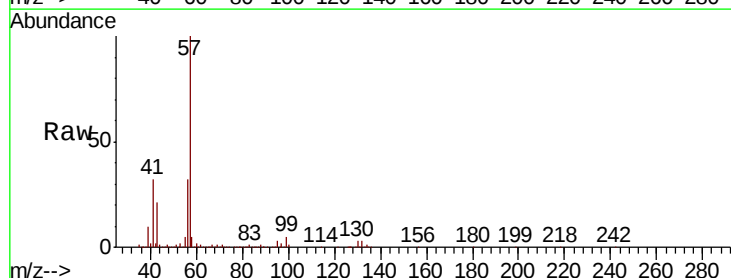
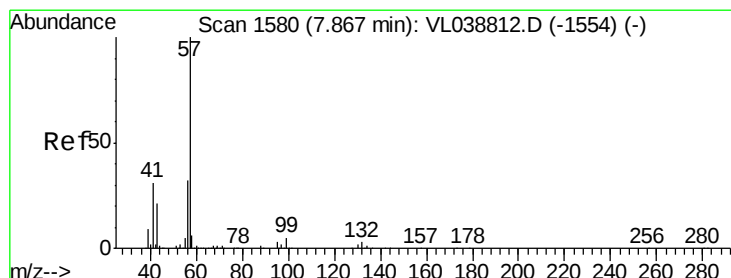
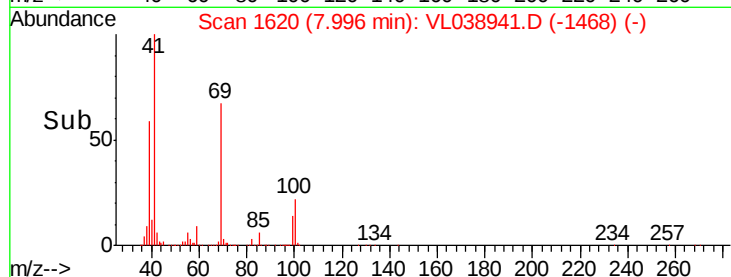
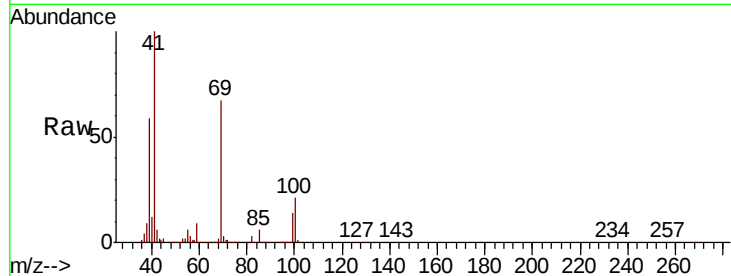
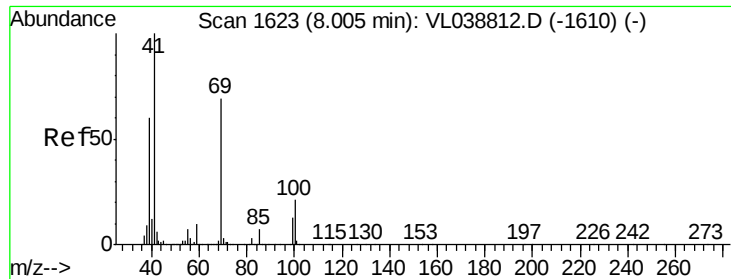
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#42
Bromodichloromethane
Concen: 10.061 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion: 83 Resp: 2015257
Ion Ratio Lower Upper
83 100
85 64.9 51.7 77.5
127 8.0 5.9 8.9





#43

Methyl Methacrylate

Concen: 9.958 ppbv

RT: 8.00

Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 15 Apr 2022 10:12

Tot Ion:

Ion Ratio

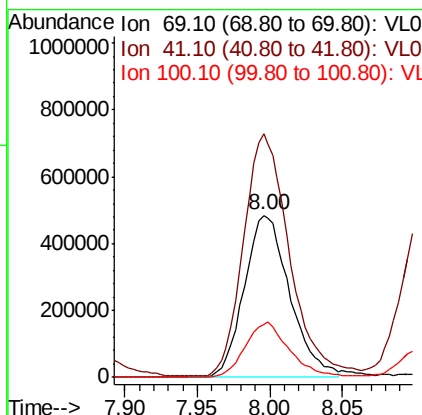
69	100
41	152.
100	33.

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Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#44

2,2,4-Trimethylpentane

Concen: 9.216 ppbv

RT: 7.85 min Scan# 1576

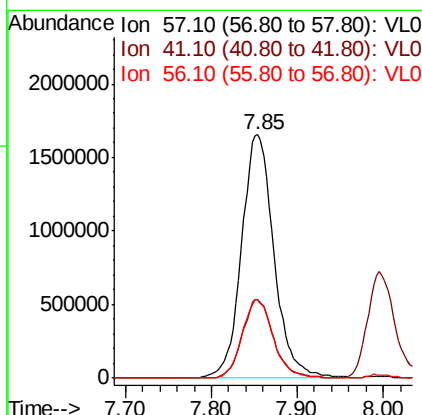
Delta R.T. -0.01 min

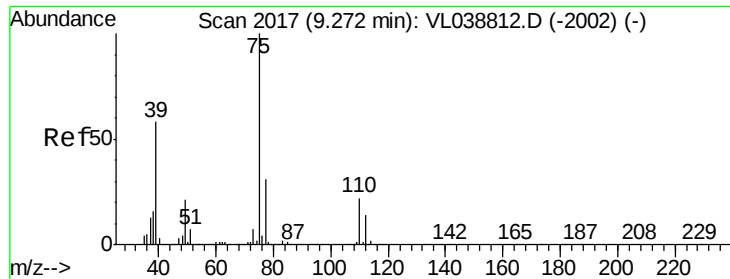
Lab File: VL038941.D

Acq: 15 Apr 2022 10:12

Tgt Ion: 57 Resp: 4329150

Ion	Ratio	Lower	Upper
57	100		
41	31.2	25.0	37.4
56	31.2	25.3	37.9



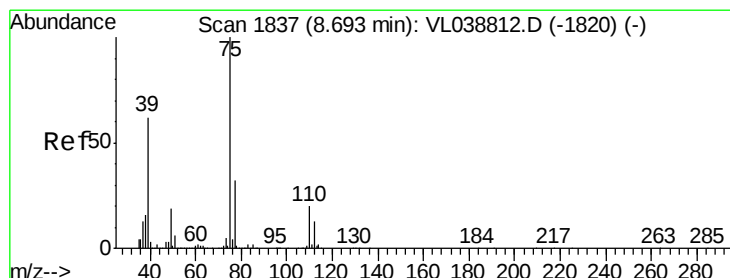
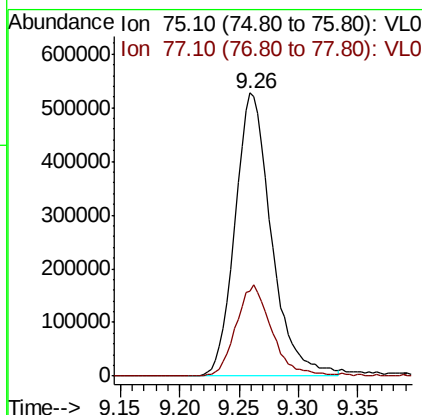
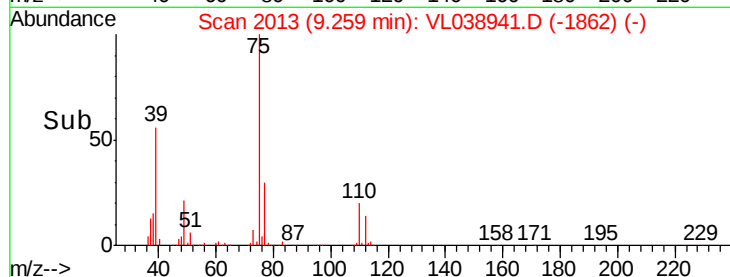
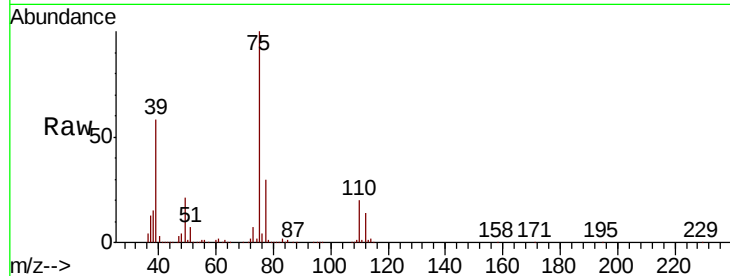


#45
 t-1,3-Dichloropropene
 Concen: 10.031 ppbv
 RT: 9.26
 Instrument : MSVOA_L
 Delta R.T.:
 ClientSampleId :
 Lab File: VSTDCCC010EC
 Acq: 15 Apr 2022 10:12

Tot Ion:
 Ion Ratio
 75 100
 77 29.

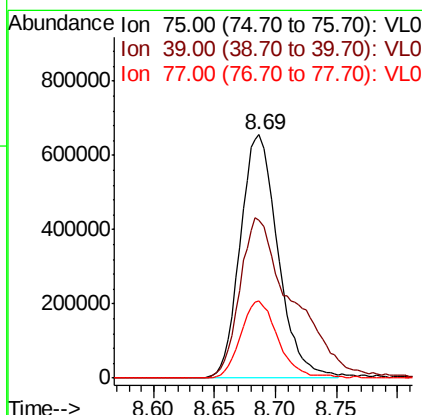
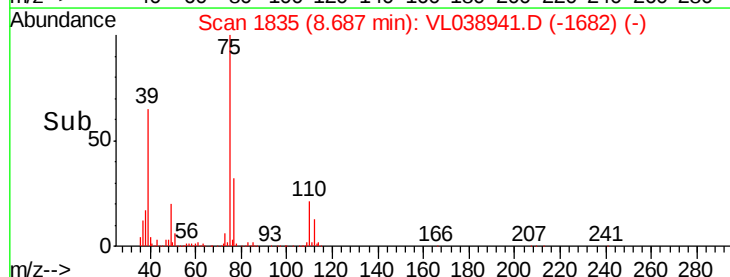
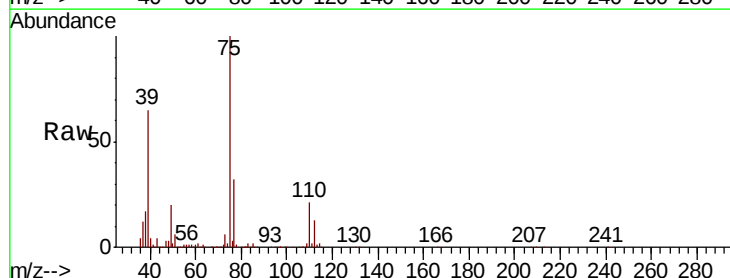
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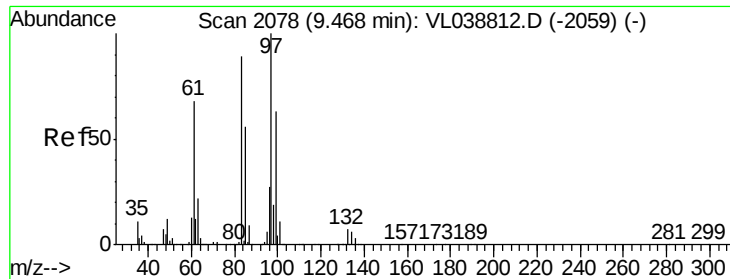
Reviewed By :Semsettin Yesilyurt 04/15/2022
 Supervised By :Mahesh Dadoda 04/18/2022



#46
 cis-1,3-Dichloropropene
 Concen: 9.555 ppbv
 RT: 8.69 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VL038941.D
 Acq: 15 Apr 2022 10:12

Tgt Ion: 75 Resp: 1399763
 Ion Ratio Lower Upper
 75 100
 39 64.9 49.7 74.5
 77 31.7 25.6 38.4





#47

1,1,2-Trichloroethane

Concen: 9.628 ppbv

RT: 9.46

Instrument: MSVOA_L

Delta R.T.:

Client Sample Id: VSTDCCC010EC

Lab File:

Acq: 15 Apr 2022 10:12

Tot Ion:

Ion Ratio

97 100

83 86.

85 54.

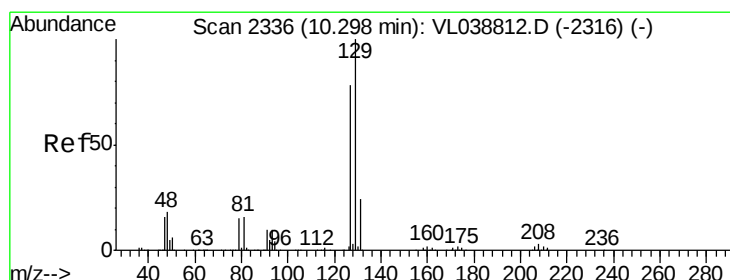
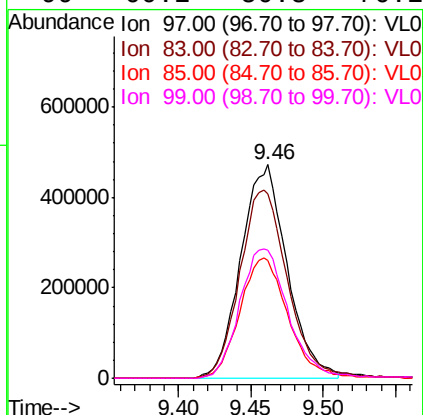
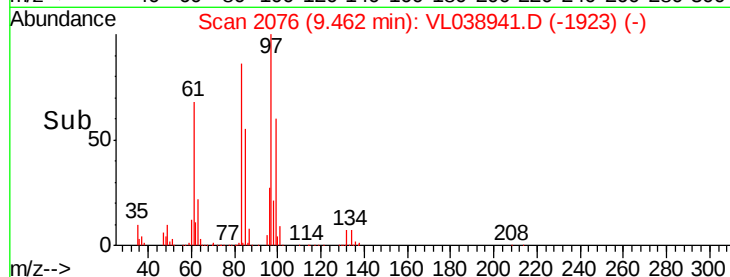
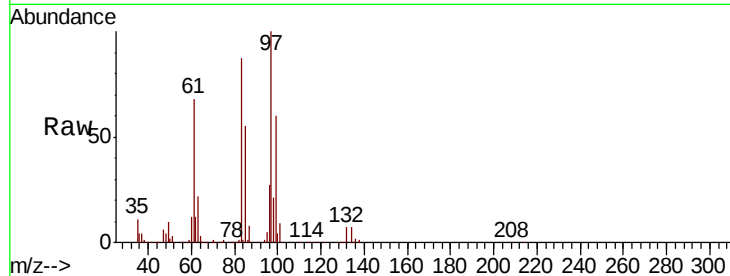
99 60.2 50.8 76.2

Manual Integrations

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Reviewed By : Semsettin Yesilyurt 04/15/2022

Supervised By : Mahesh Dadoda 04/18/2022



#48

Dibromochloromethane

Concen: 10.127 ppbv

RT: 10.28 min Scan# 2332

Delta R.T. -0.01 min

Lab File: VL038941.D

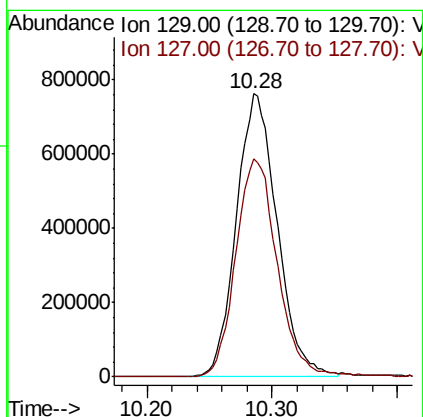
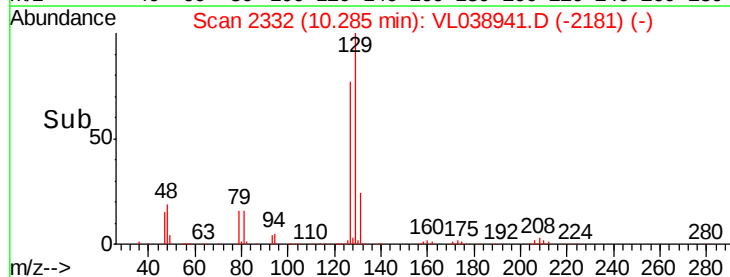
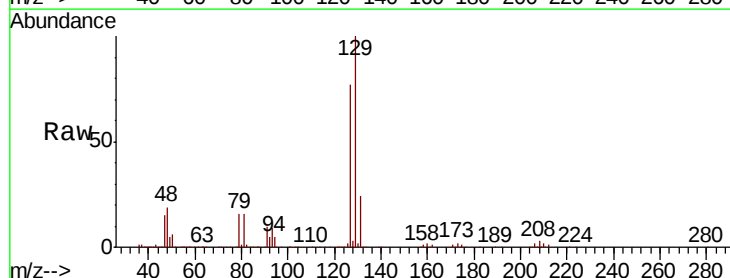
Acq: 15 Apr 2022 10:12

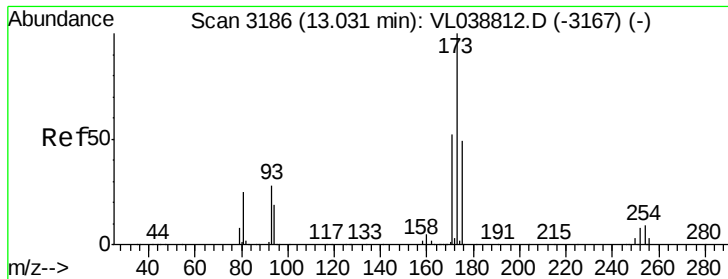
Tgt Ion: 129 Resp: 1725873

Ion Ratio Lower Upper

129 100

127 79.1 38.9 116.6



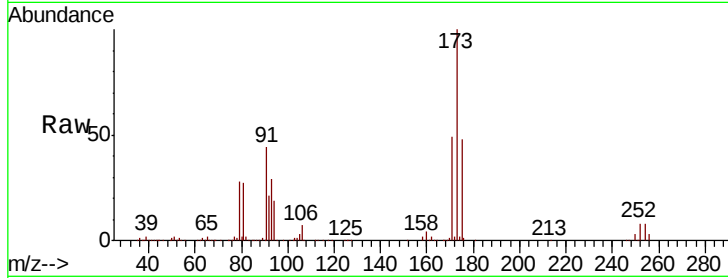


#49
Bromoform
Concen: 10.180 ppbv
RT: 13.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 15 Apr 2022 10:12
VSTDCCC010EC

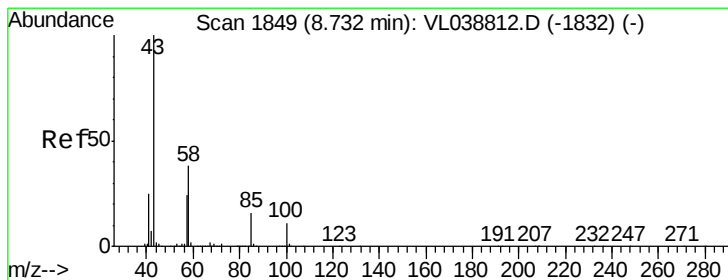
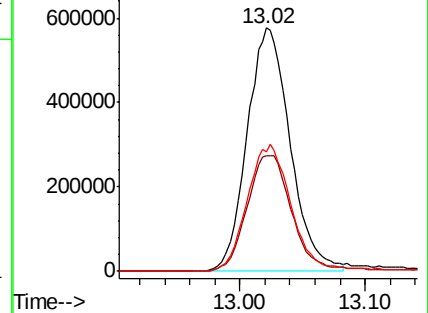
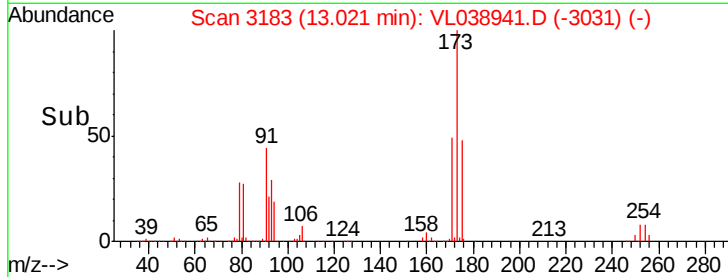
Tot Ion:1
Ion Rati
173 100
175 51.
171 54.

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Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022

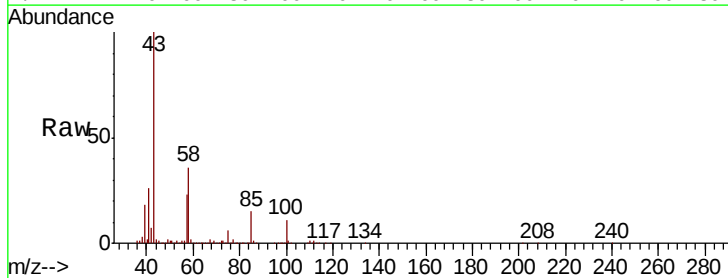


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 170.90 (170.60 to 171.60): V

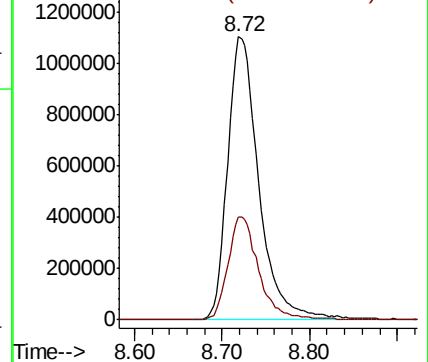
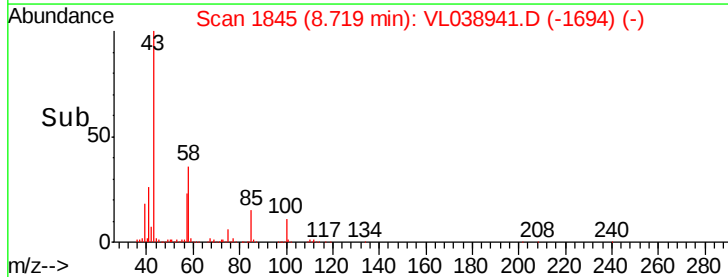


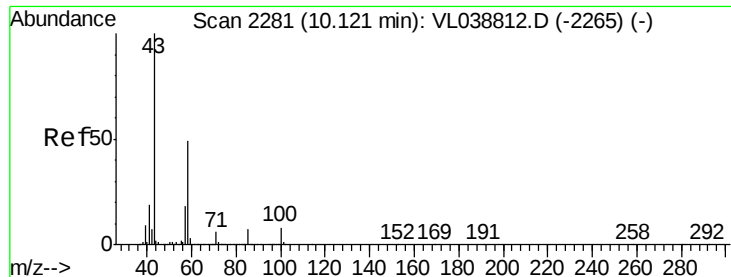
#50
4-Methyl-2-Pentanone
Concen: 10.039 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion: 43 Resp: 2721104
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.415 ppbv

RT: 10.11

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 15 Apr 2022 10:12

Tot Ion:

Ion Ratio

43 100

58 50.

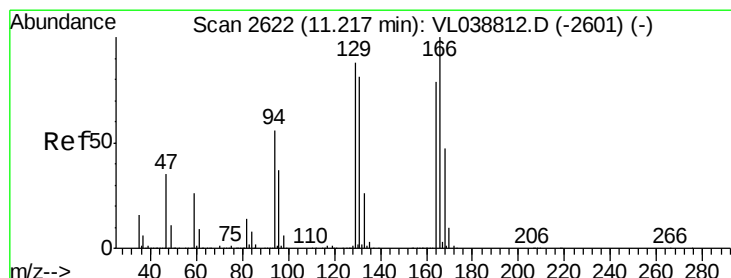
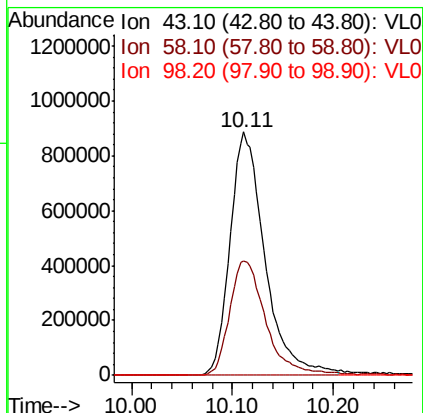
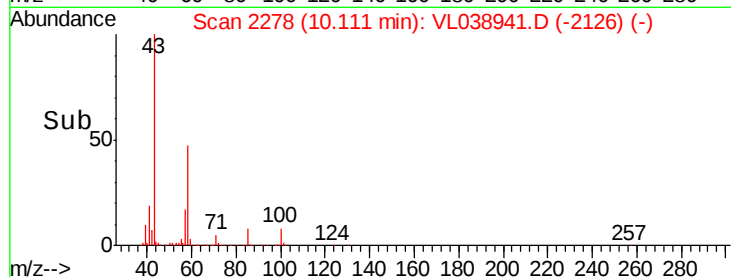
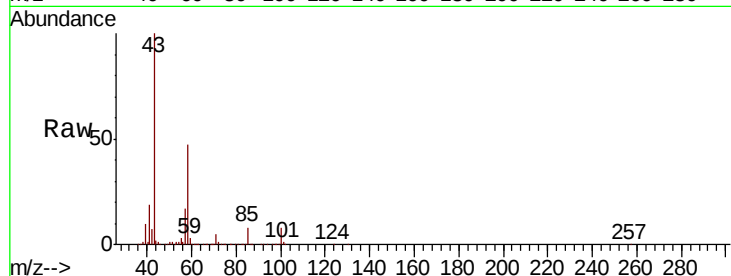
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#52

Tetrachloroethene

Concen: 9.067 ppbv

RT: 11.20 min Scan# 2618

Delta R.T. -0.01 min

Lab File: VL038941.D

Acq: 15 Apr 2022 10:12

Tgt Ion:164 Resp: 878693

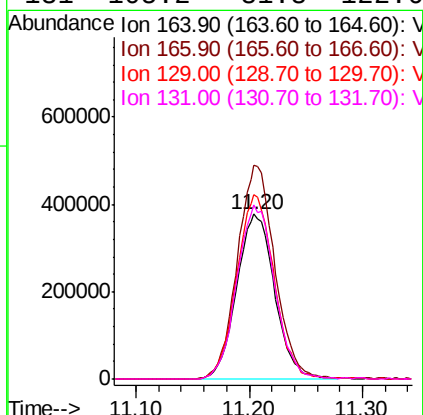
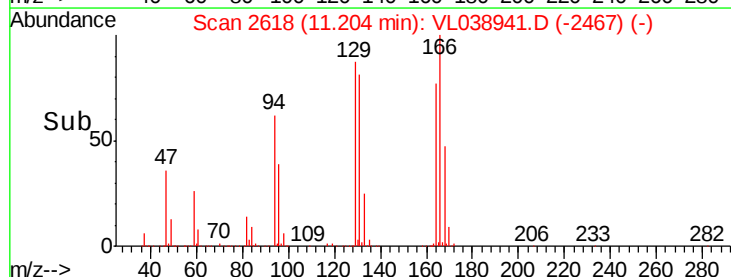
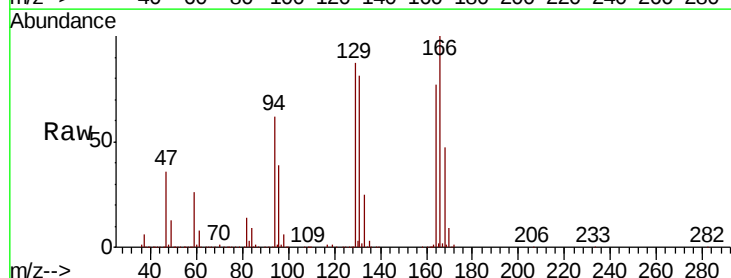
Ion Ratio Lower Upper

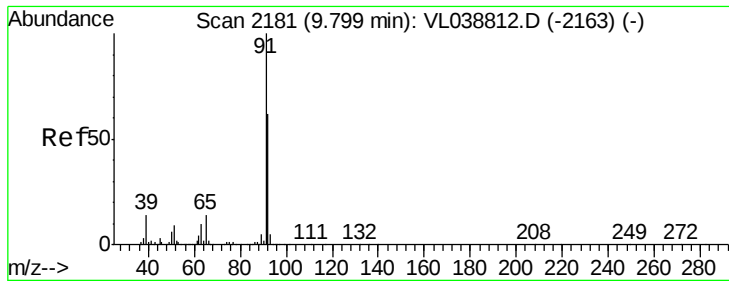
164 100

166 129.5 101.0 151.6

129 112.0 88.7 133.1

131 105.2 81.8 122.6





#53

Toluene

Concen: 9.566 ppbv

RT: 9.79 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 15 Apr 2022 10:12 VSTDCCC010EC

Tot Ion:

Ion Ratio

91 100

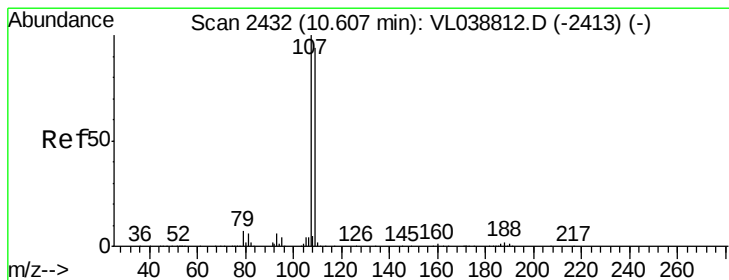
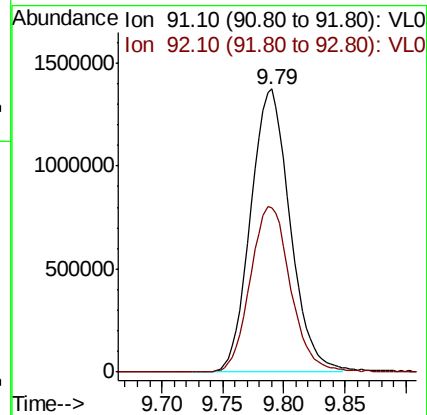
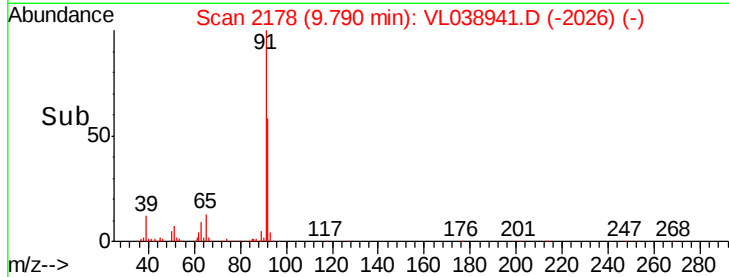
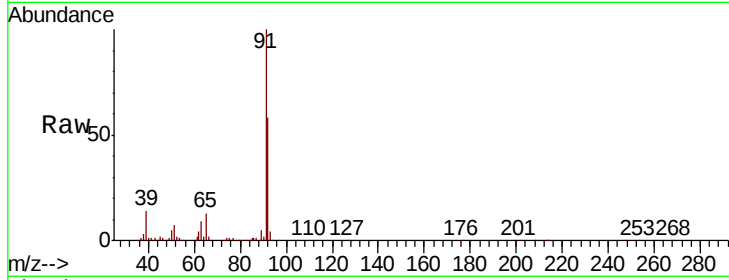
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#54

1,2-Dibromoethane

Concen: 10.075 ppbv

RT: 10.59 min Scan# 2427

Delta R.T. -0.02 min

Lab File: VL038941.D

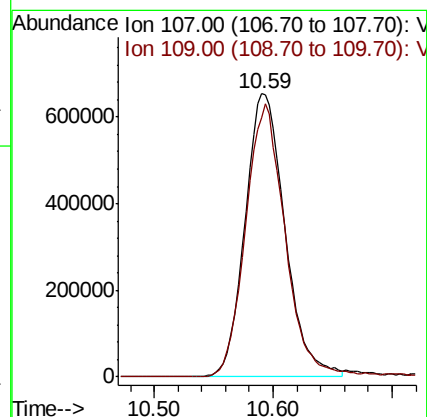
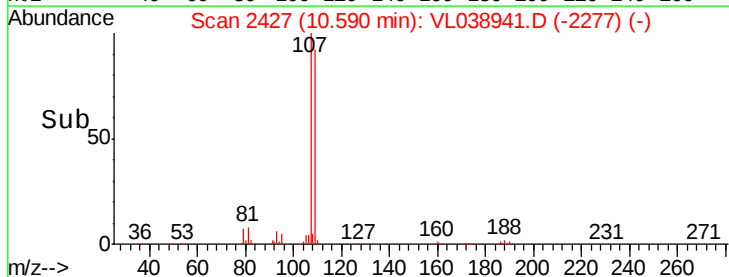
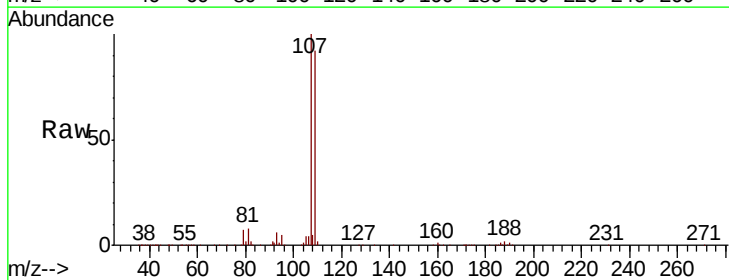
Acq: 15 Apr 2022 10:12

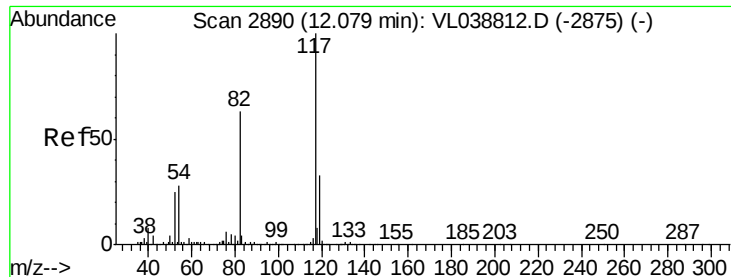
Tgt Ion:107 Resp: 1521757

Ion Ratio Lower Upper

107 100

109 91.7 75.5 113.3



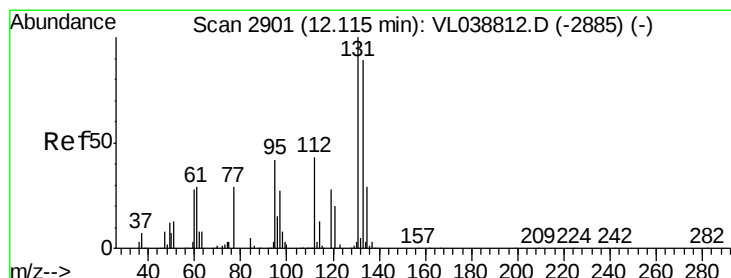
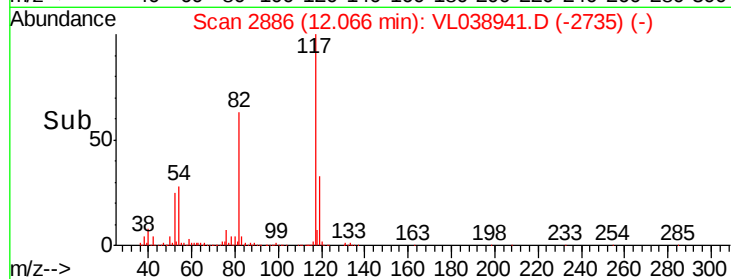
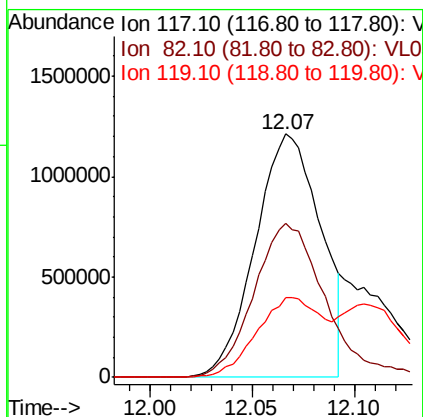
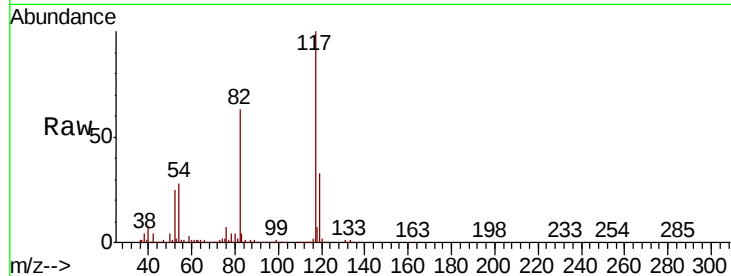


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.07
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 15 Apr 2022 10:12

Tot Ion:1
Ion Rati
117 100
82 71.
119 33.

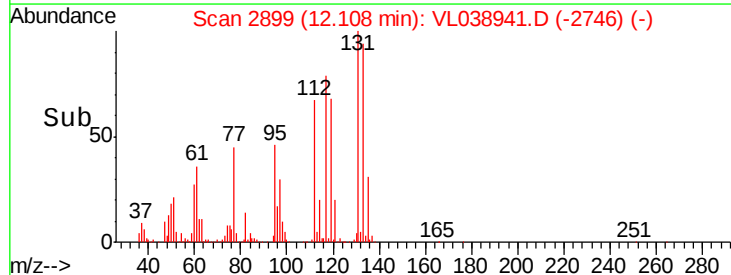
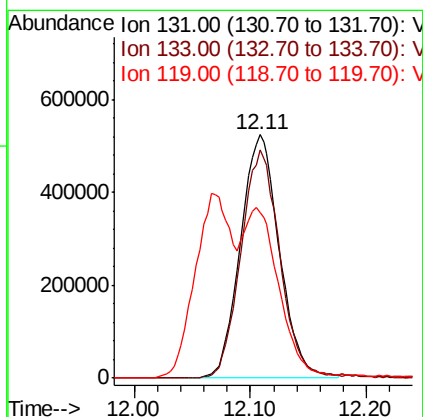
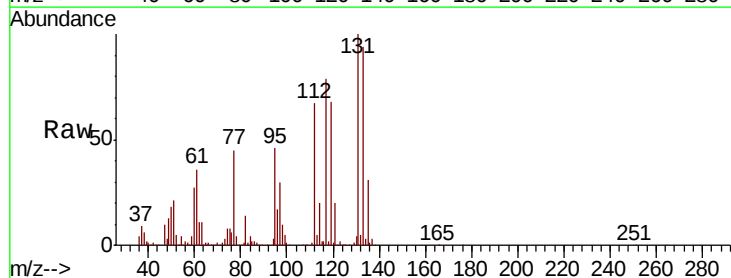
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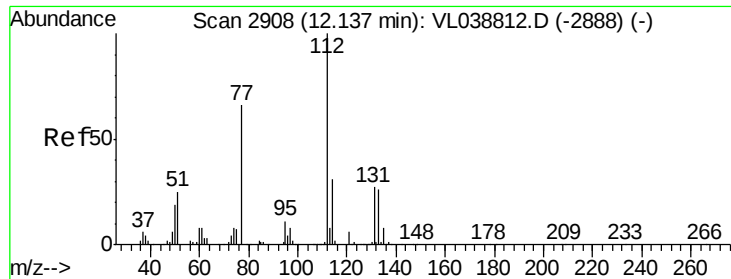
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.383 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion:131 Resp: 1222351
Ion Ratio Lower Upper
131 100
133 94.7 78.2 117.4
119 70.5 58.6 87.8



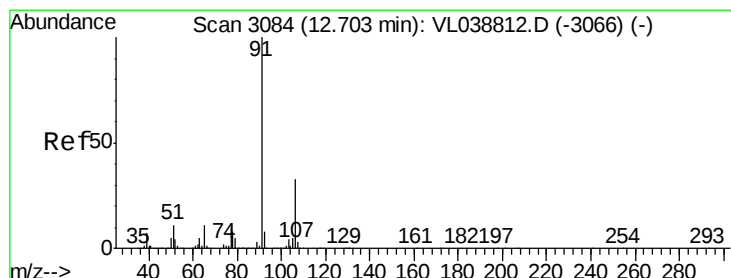
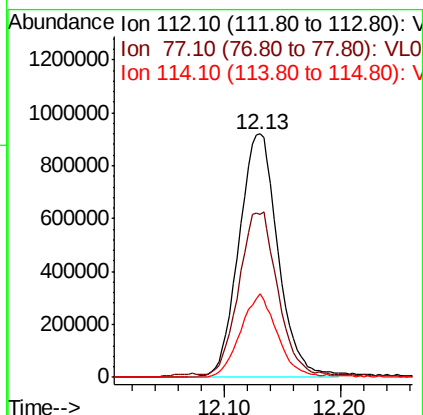
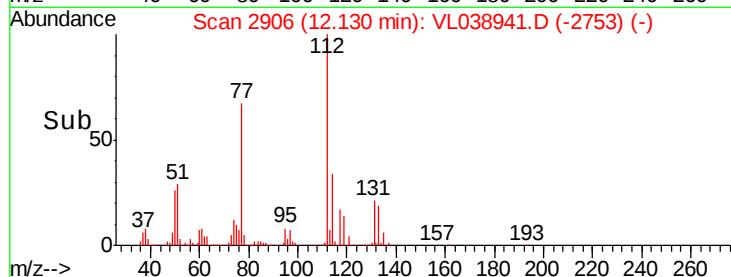
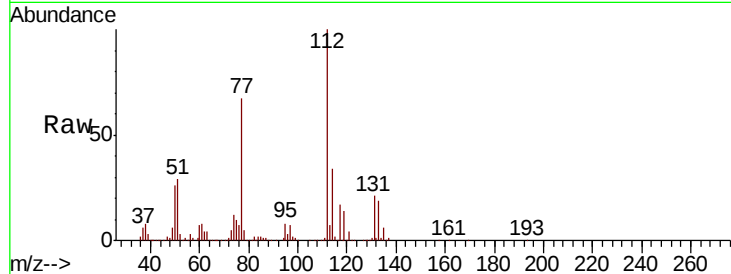


#57
Chlorobenzene
Concen: 9.794 ppbv
RT: 12.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 15 Apr 2022 10:12

Tot Ion: 1
Ion Ratio
112 100
77 65.
114 34.

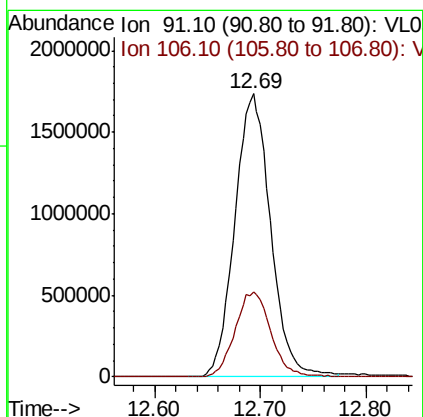
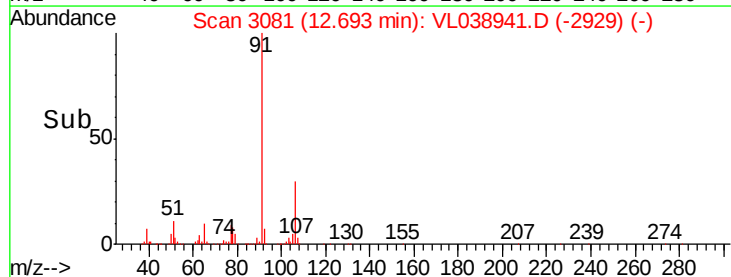
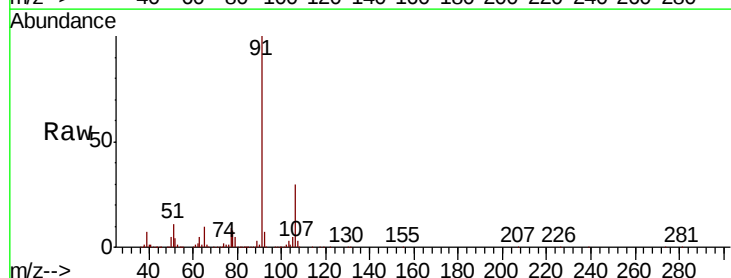
Manual Integrations
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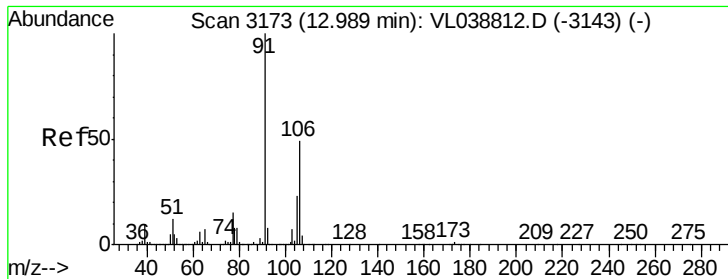
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#58
Ethyl Benzene
Concen: 10.184 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion: 91 Resp: 4087863
Ion Ratio Lower Upper
91 100
106 29.9 26.7 40.1



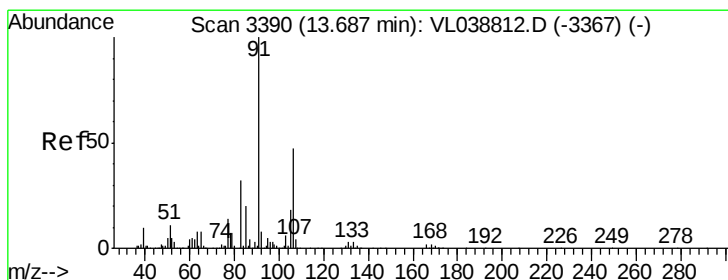
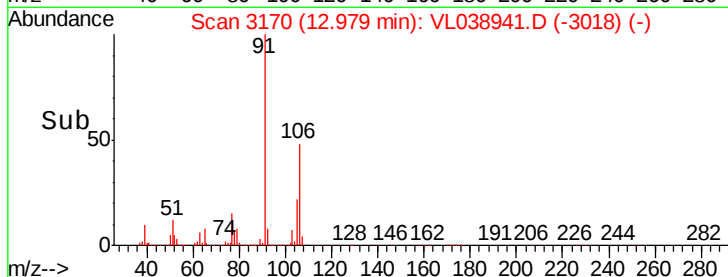
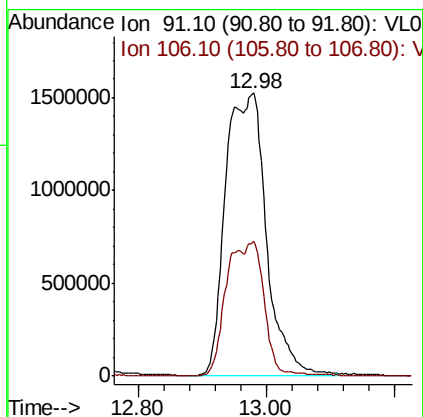
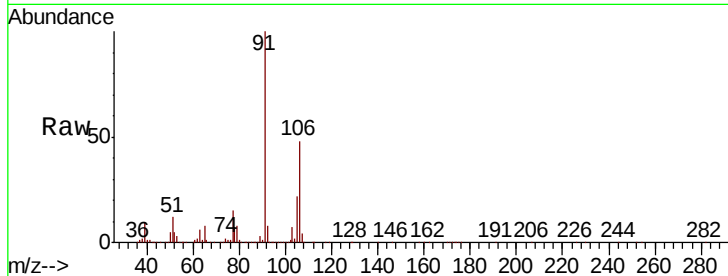


#59
m/p-Xylene
Concen: 20.040 ppbv m
RT: 12.98
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 15 Apr 2022 10:12

Tot Ion:
Ion Ratio
91 100
106 44.

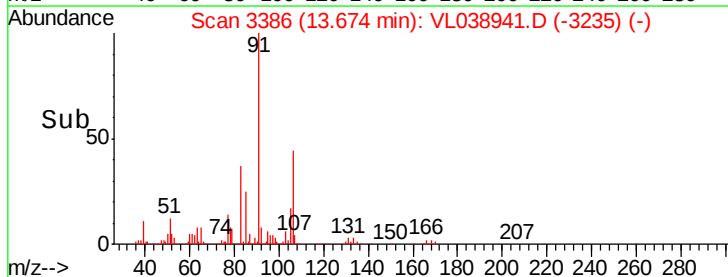
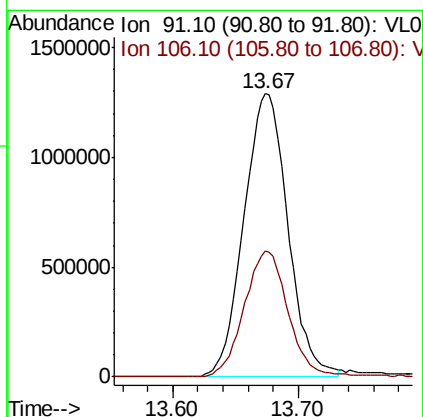
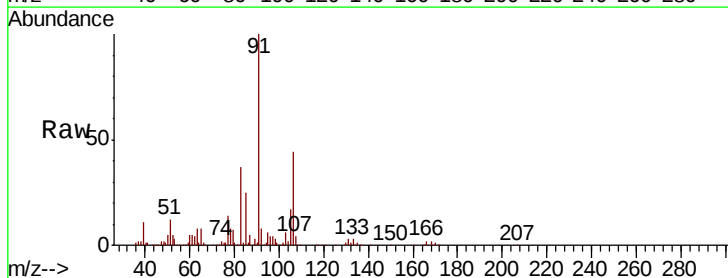
Manual Integrations
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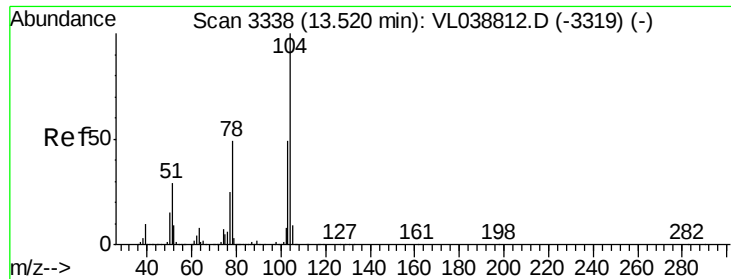
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#60
o-Xylene
Concen: 9.967 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion: 91 Resp: 3145123
Ion Ratio Lower Upper
91 100
106 45.3 23.8 71.4



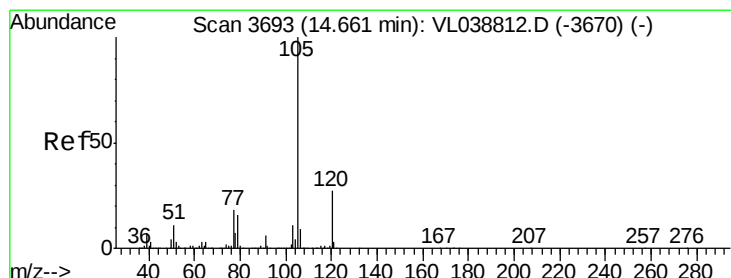
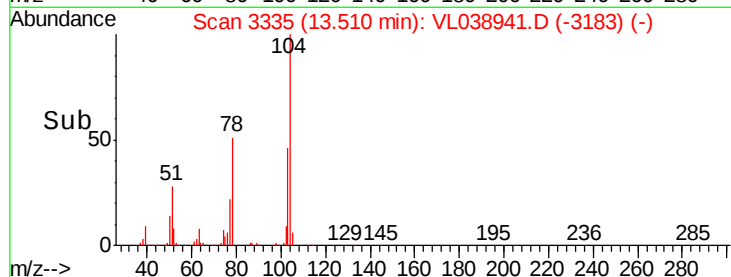
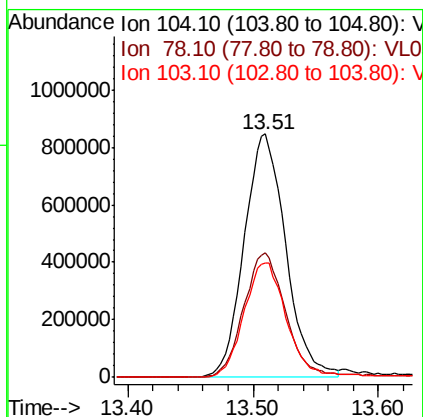
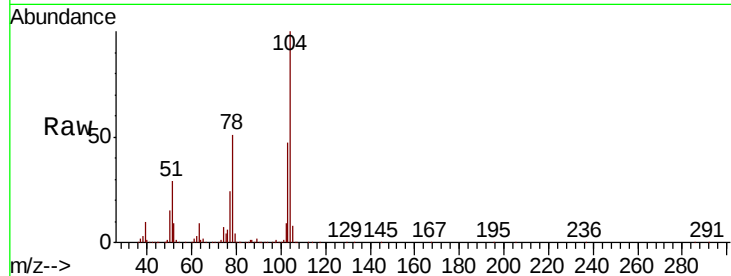


#61
Stvrene
Concen: 10.166 ppbv
RT: 13.51
Instrument: MSVOA_L
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 15 Apr 2022 10:12

Tot Ion:1
Ion Rati
104 100
78 52.
103 48.

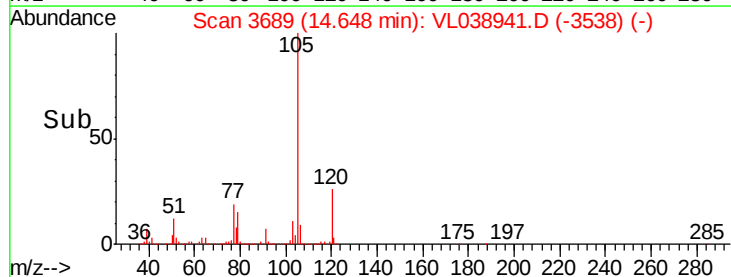
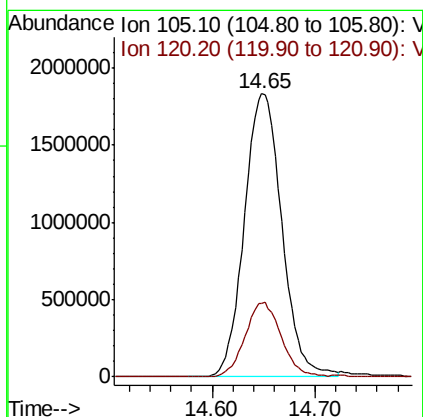
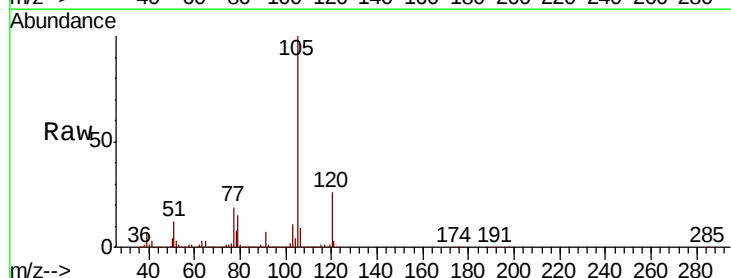
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APPROVED

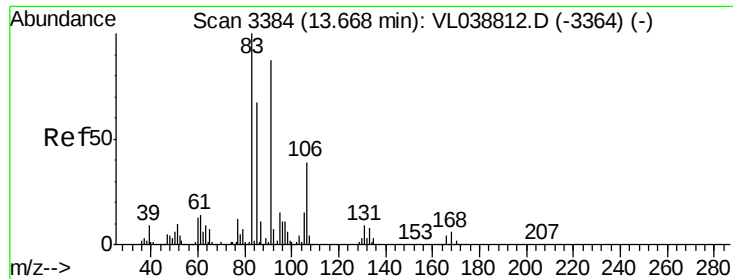
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#62
Isopropylbenzene
Concen: 9.777 ppbv
RT: 14.65 min Scan# 3689
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion:105 Resp: 4631185
Ion Ratio Lower Upper
105 100
120 25.8 21.8 32.8



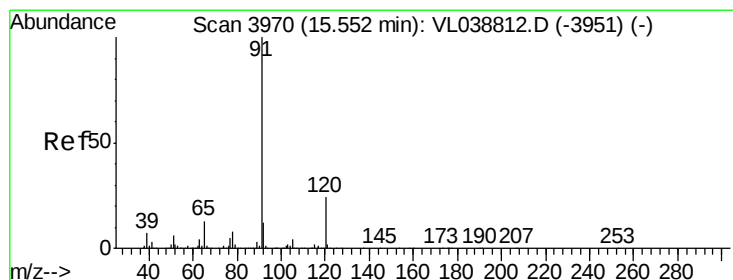
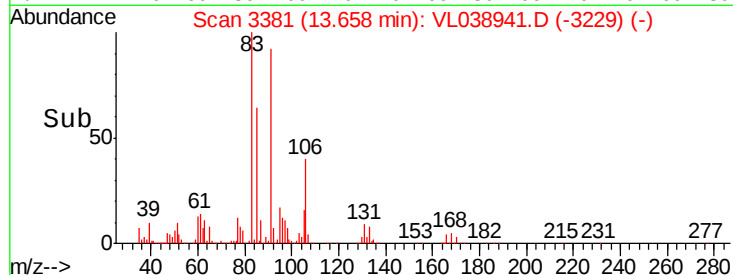
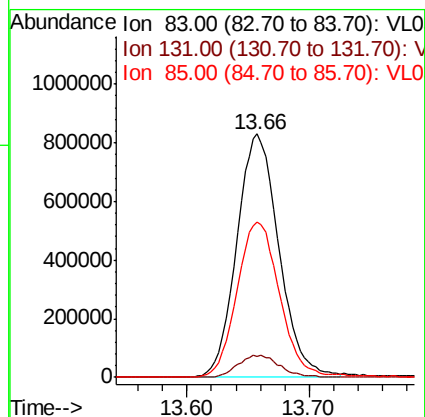
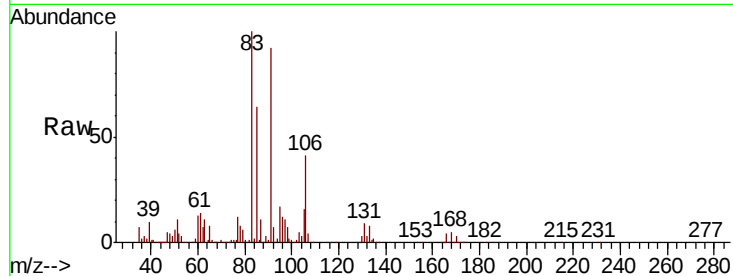


#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.881 ppbv
 RT: 13.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 15 Apr 2022 10:12

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

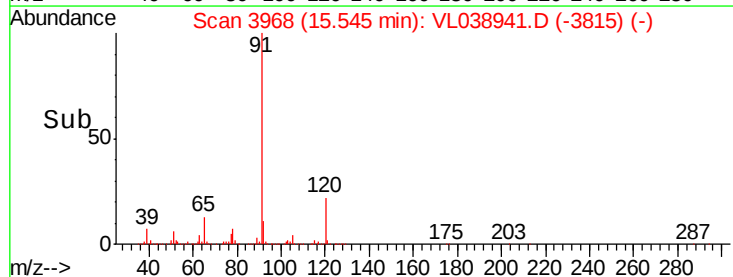
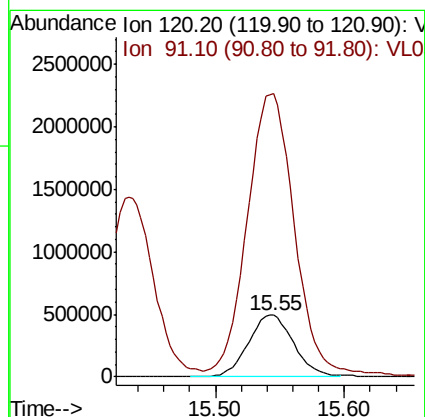
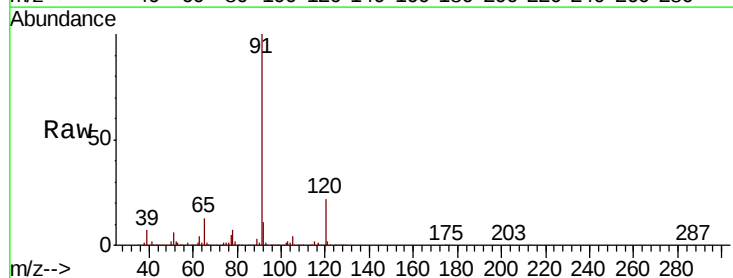
Manual Integrations
 APPROVED

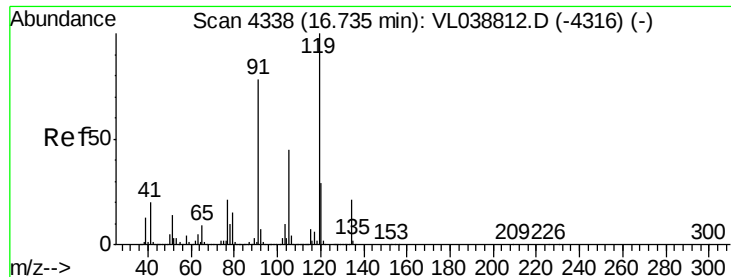
Reviewed By :Semsettin Yesilyurt 04/15/2022
 Supervised By :Mahesh Dadoda 04/18/2022



#64
 n-propylbenzene
 Concen: 9.808 ppbv
 RT: 15.55 min Scan# 3968
 Delta R.T. -0.01 min
 Lab File: VL038941.D
 Acq: 15 Apr 2022 10:12

Tgt Ion:120 Resp: 1206281
 Ion Ratio Lower Upper
 120 100
 91 484.9 360.6 540.8





#65

tert-Butylbenzene

Concen: 9.497 ppbv

RT: 16.73 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 15 Apr 2022 10:12

Tot Ion:1

Ion Ratio

119 100

91 81.

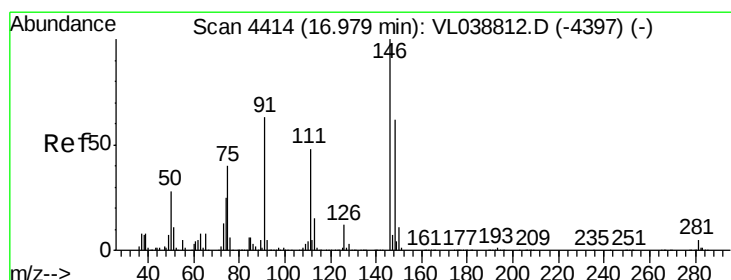
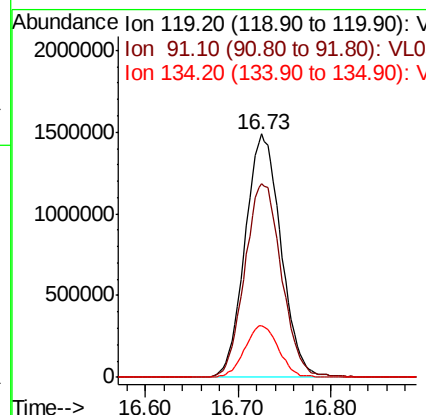
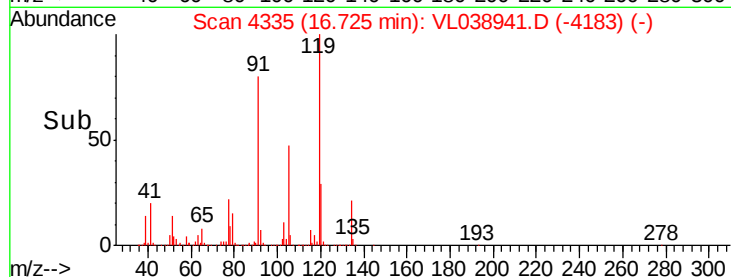
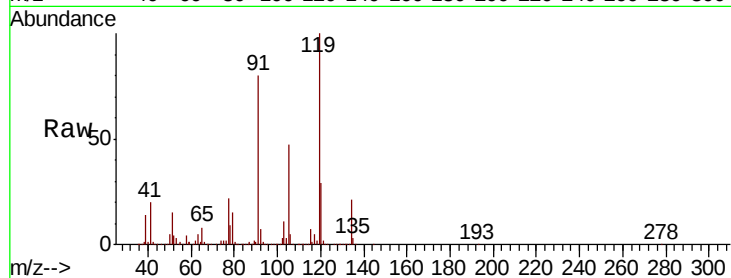
134 20.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#66

Benzyl Chloride

Concen: 7.028 ppbv m

RT: 16.97 min Scan# 4412

Delta R.T. -0.01 min

Lab File: VL038941.D

Acq: 15 Apr 2022 10:12

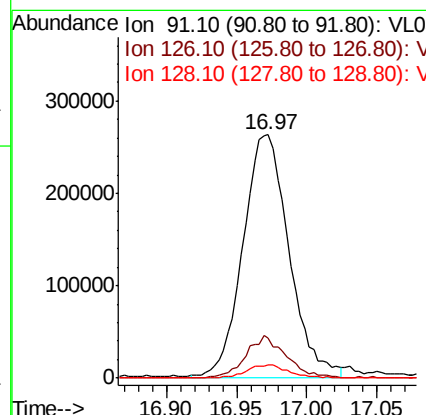
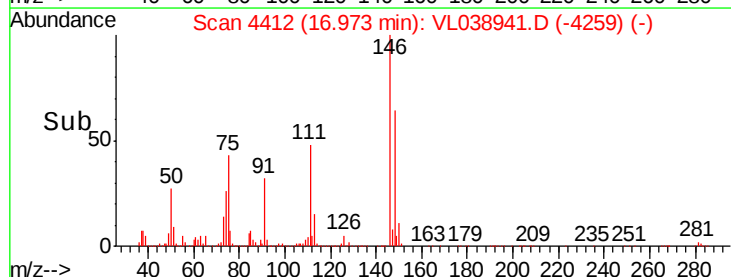
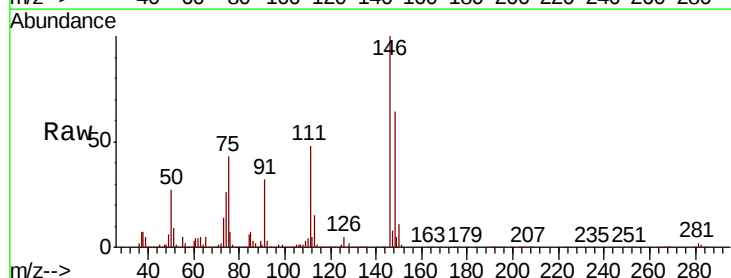
Tgt Ion: 91 Resp: 601239

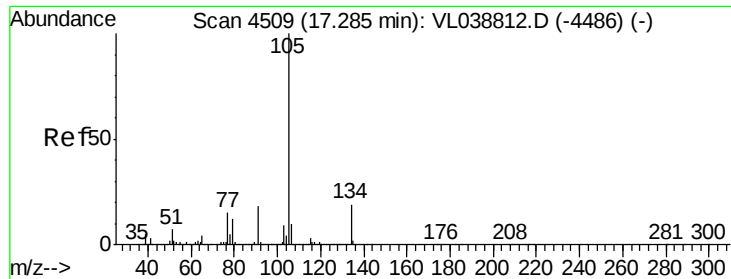
Ion Ratio Lower Upper

91 100

126 15.7 15.4 23.0

128 5.2 4.7 7.1





#67

sec-Butylbenzene

Concen: 9.823 ppbv

RT: 17.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 15 Apr 2022 10:12

Tot Ion:1

Ion Ratio

105 100

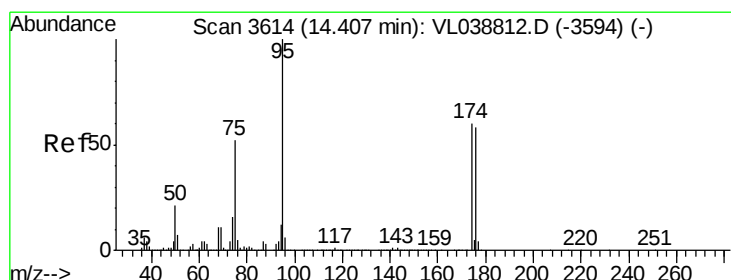
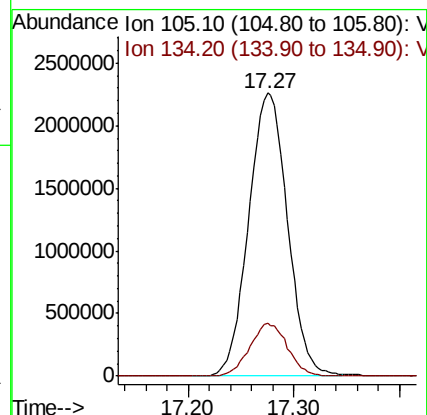
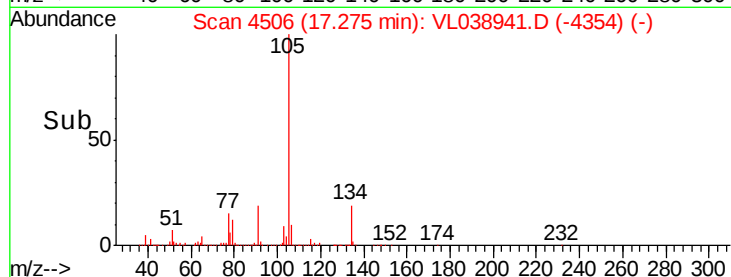
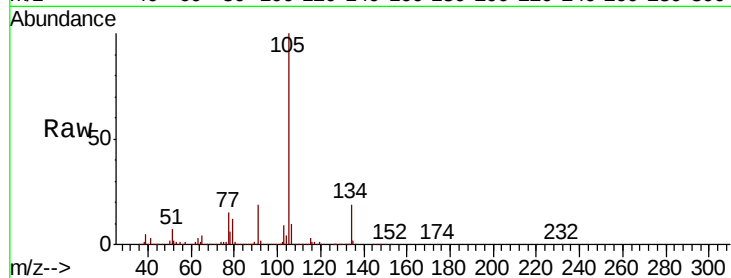
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.859 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.01 min

Lab File: VL038941.D

Acq: 15 Apr 2022 10:12

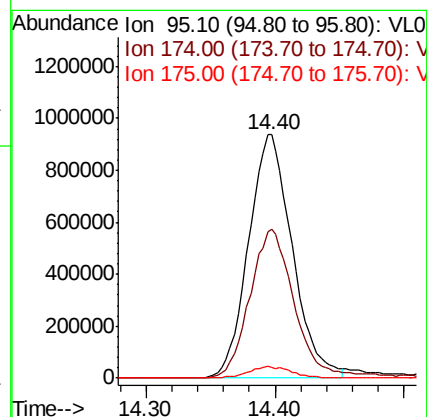
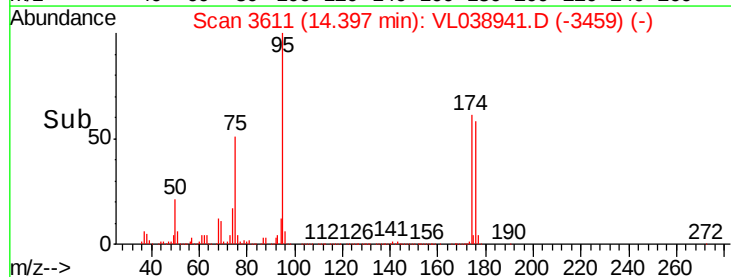
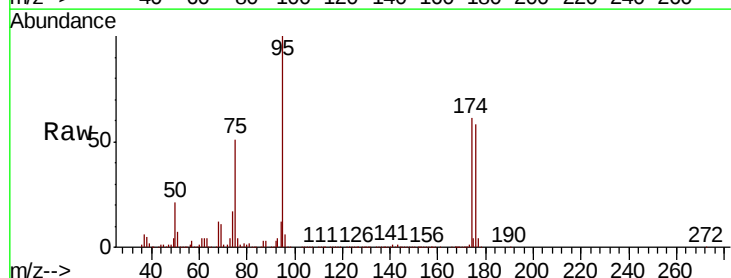
Tgt Ion: 95 Resp: 2212654

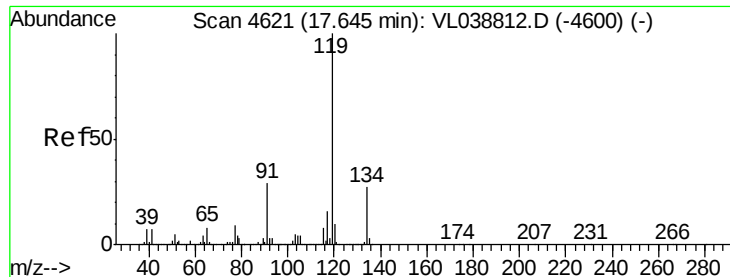
Ion Ratio Lower Upper

95 100

174 63.9 52.0 78.0

175 4.7 4.0 6.0



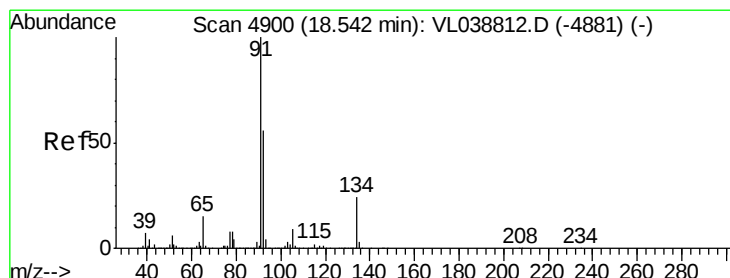
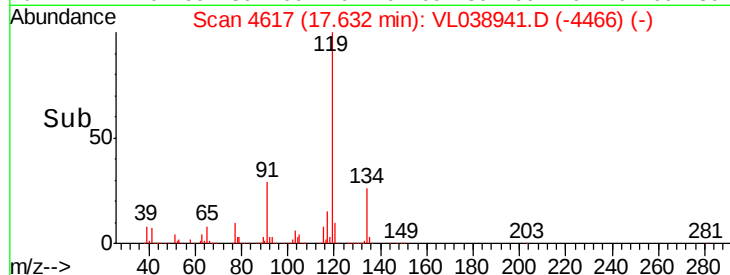
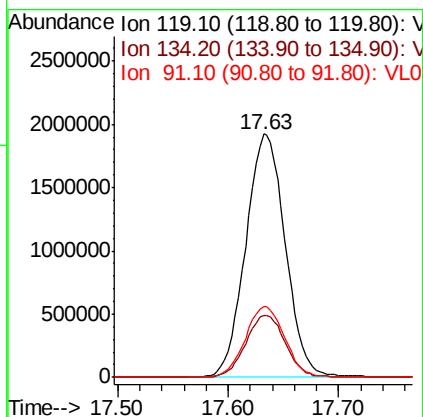
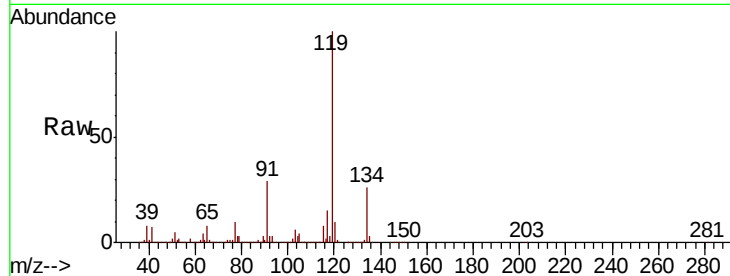


#69
 p-Isopropyltoluene
 Concen: 9.872 ppbv
 RT: 17.63 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 15 Apr 2022 10:12

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

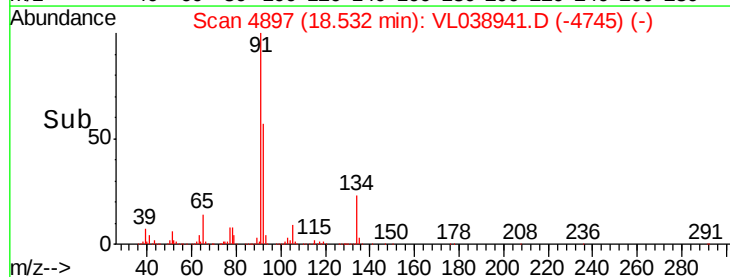
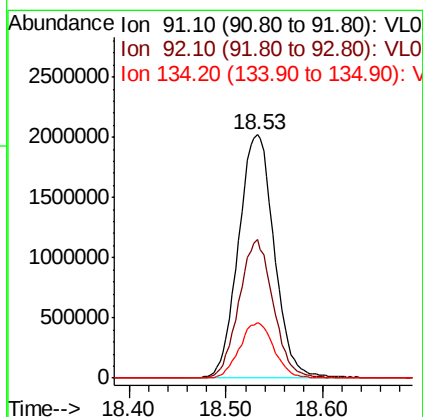
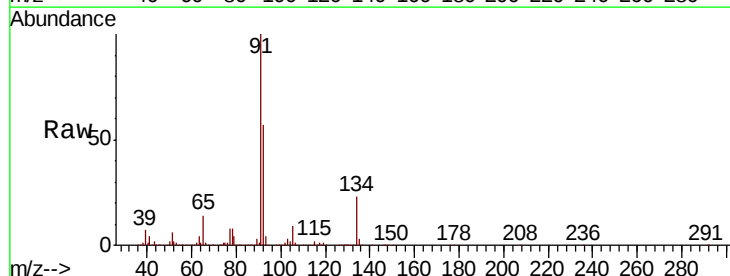
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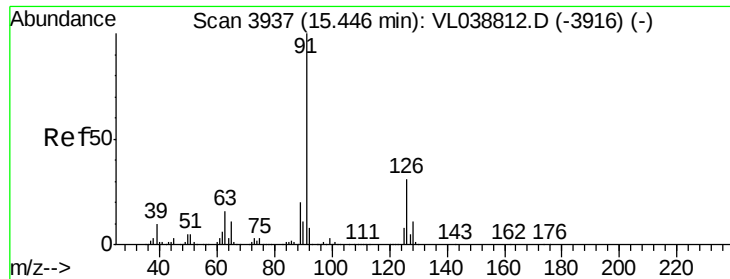
Reviewed By : Semsettin Yesilyurt 04/15/2022
 Supervised By : Mahesh Dadoda 04/18/2022



#70
 n-Butylbenzene
 Concen: 10.606 ppbv
 RT: 18.53 min Scan# 4897
 Delta R.T.: -0.01 min
 Lab File: VL038941.D
 Acq: 15 Apr 2022 10:12

Tgt Ion: 91 Resp: 5173323
 Ion Ratio Lower Upper
 91 100
 92 54.8 44.6 66.8
 134 22.1 19.2 28.8



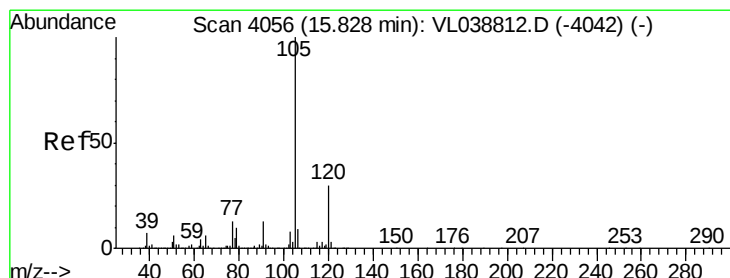
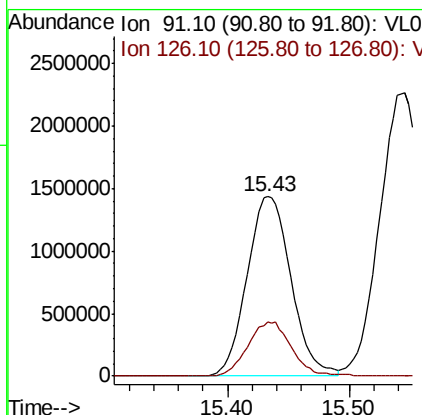
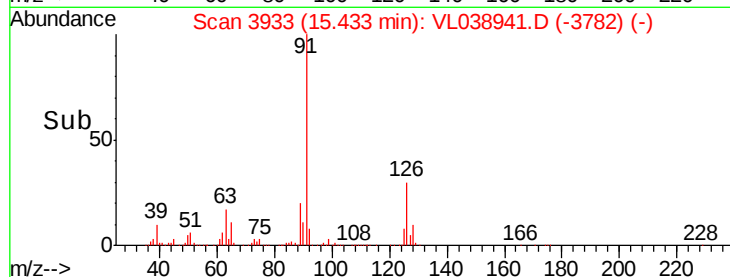
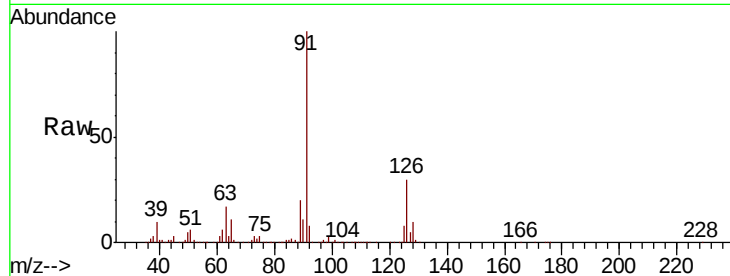


#71
 2-Chlorotoluene
 Concen: 10.058 ppbv
 RT: 15.43 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 15 Apr 2022 10:12

Tot Ion:
 Ion Ratio
 91 100
 126 30.

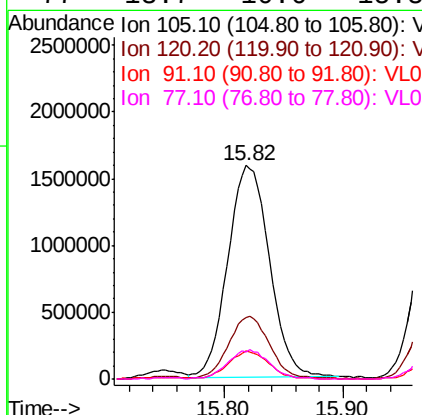
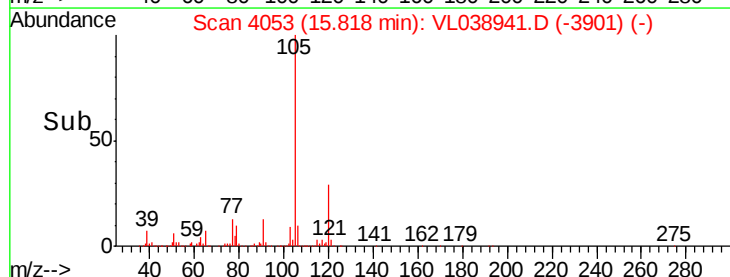
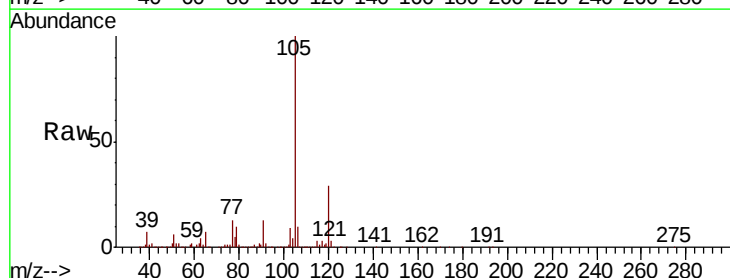
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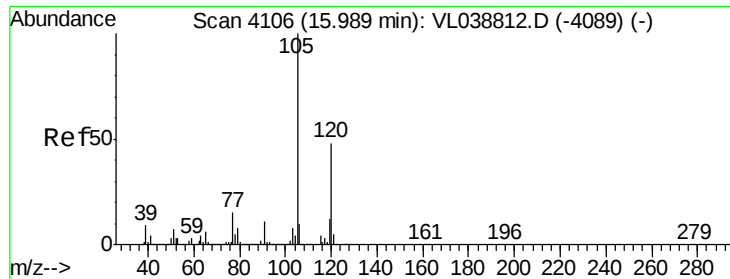
Reviewed By :Semsettin Yesilyurt 04/15/2022
 Supervised By :Mahesh Dadoda 04/18/2022



#72
 4-Ethyltoluene
 Concen: 10.239 ppbv
 RT: 15.82 min Scan# 4053
 Delta R.T. -0.01 min
 Lab File: VL038941.D
 Acq: 15 Apr 2022 10:12

Tgt Ion:105 Resp: 3858150
 Ion Ratio Lower Upper
 105 100
 120 29.4 24.3 36.5
 91 12.4 9.4 14.2
 77 13.7 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 10.138 ppbv

RT: 15.98 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 15 Apr 2022 10:12

Tot Ion:1

Ion Ratio

105 100

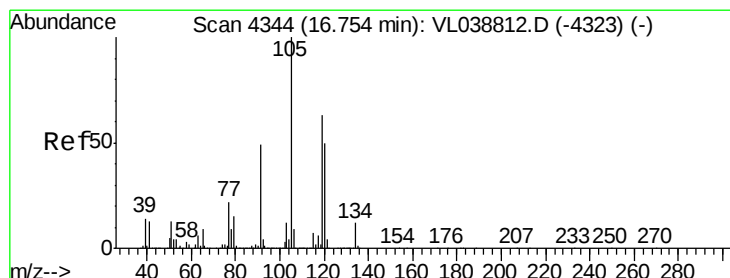
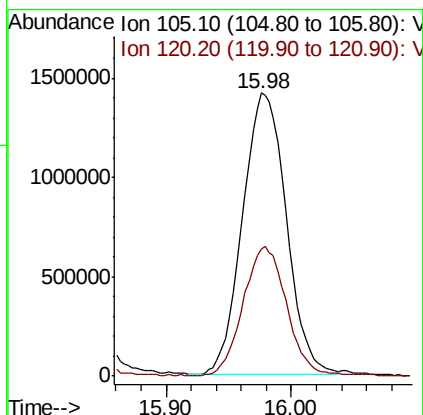
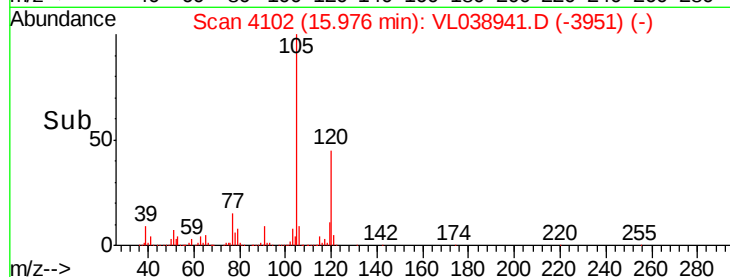
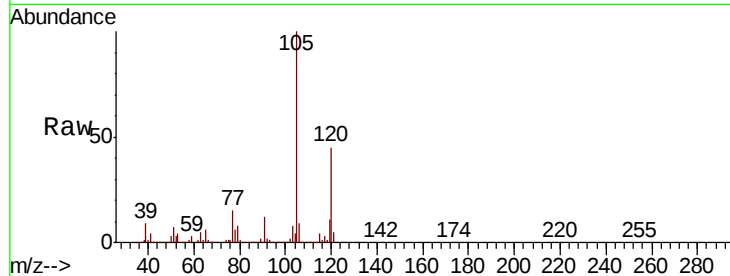
120 45.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022

Supervised By :Mahesh Dadoda 04/18/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.152 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.01 min

Lab File: VL038941.D

Acq: 15 Apr 2022 10:12

Tgt Ion:105 Resp: 3632814

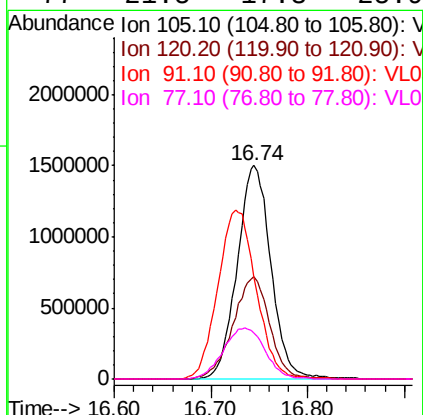
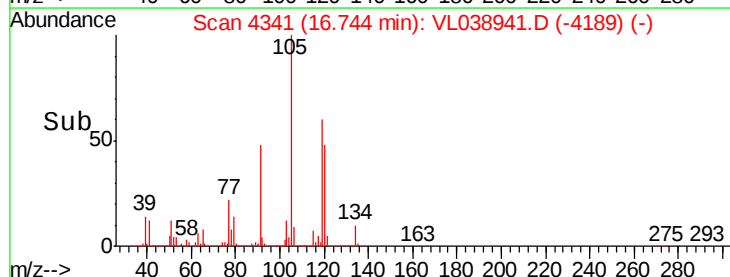
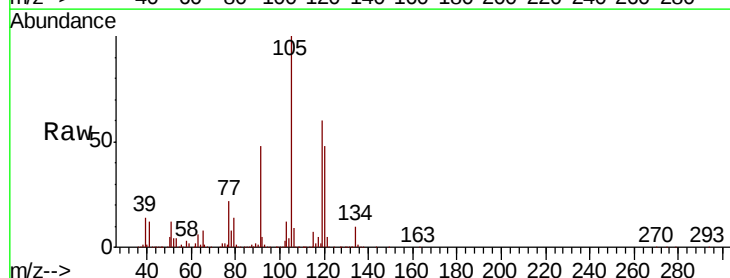
Ion Ratio Lower Upper

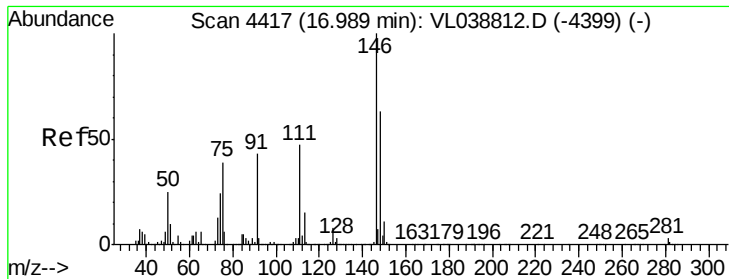
105 100

120 47.7 39.8 59.8

91 47.9 39.4 59.0

77 21.5 17.3 25.9



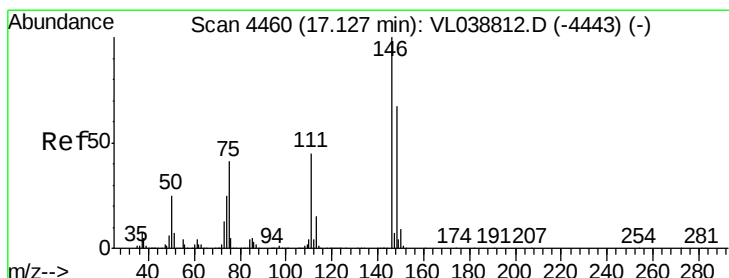
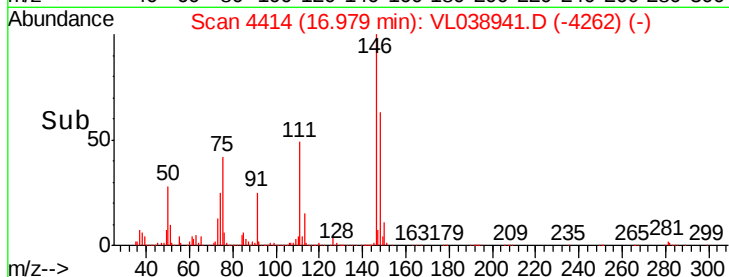
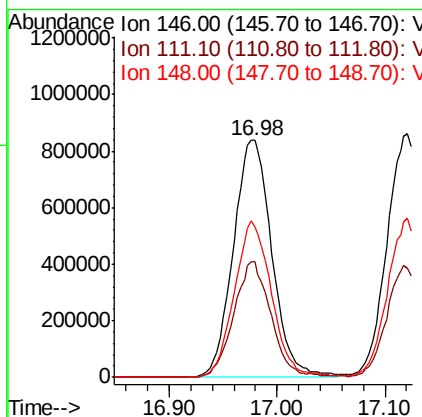
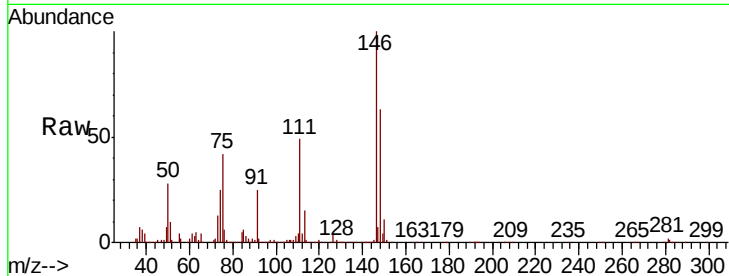


#75
 1,3-Dichlorobenzene
 Concen: 10.037 ppbv
 RT: 16.98
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 15 Apr 2022 10:12

Tot Ion:1
 Ion Rati
 146 100
 111 47.
 148 63.

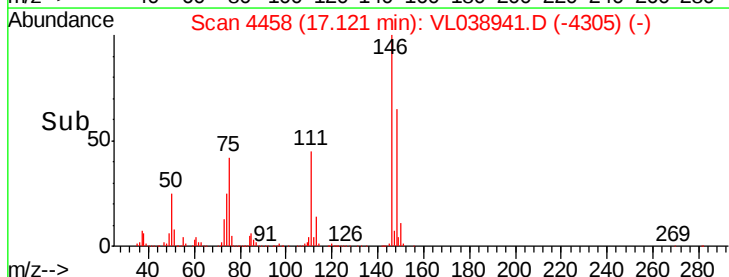
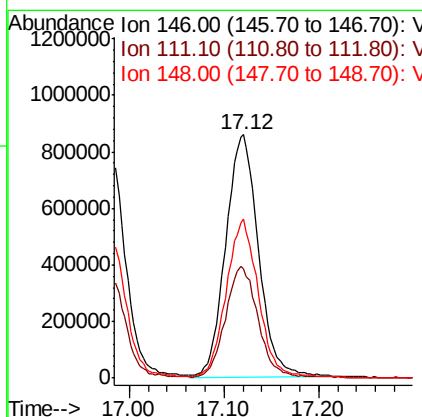
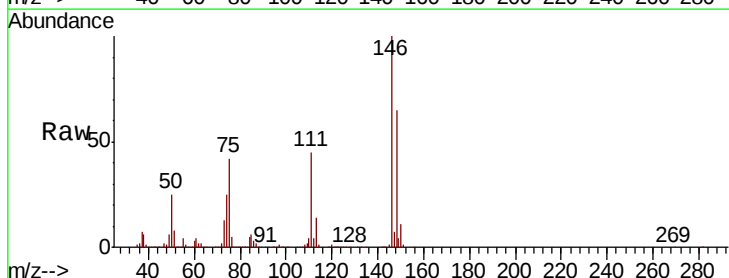
Manual Integrations
 APPROVED

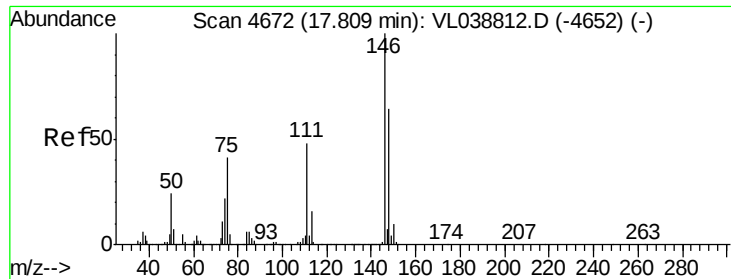
Reviewed By :Semsettin Yesilyurt 04/15/2022
 Supervised By :Mahesh Dadoda 04/18/2022



#76
 1,4-Dichlorobenzene
 Concen: 10.076 ppbv
 RT: 17.12 min Scan# 4458
 Delta R.T. -0.01 min
 Lab File: VL038941.D
 Acq: 15 Apr 2022 10:12

Tgt Ion:146 Resp: 2062161
 Ion Ratio Lower Upper
 146 100
 111 46.0 23.6 70.8
 148 64.7 33.6 100.6





#77

1,2-Dichlorobenzene

Concen: 9.882 ppbv

RT: 17.80

Delta R.T. MSVOA_L

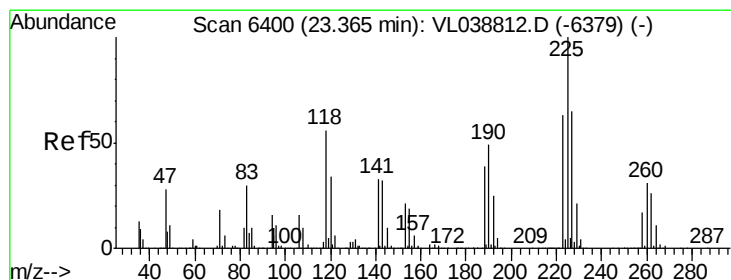
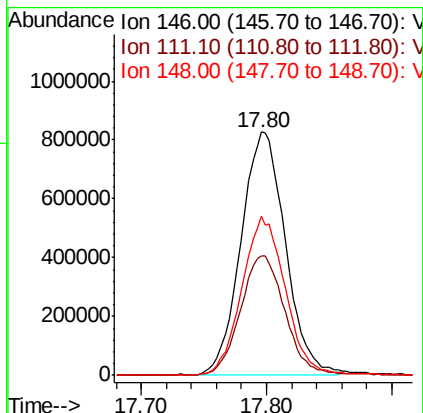
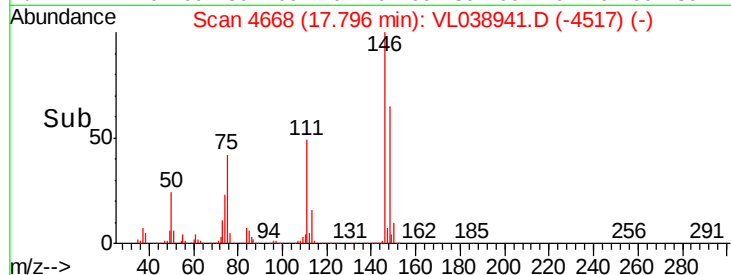
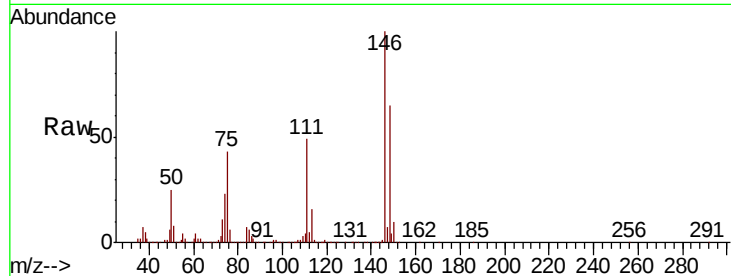
Lab File: ClientSampleId:

Acq: 15 Apr 2022 10:12

Tot Ion:1
Ion Rati
146 100
111 49.
148 64.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.771 ppbv

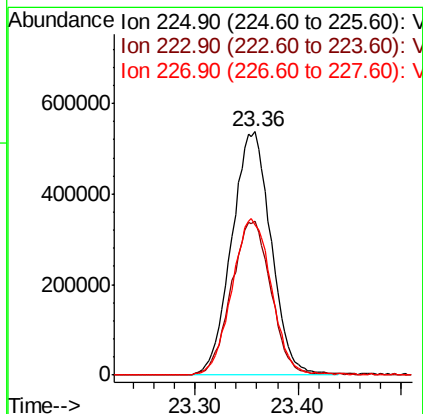
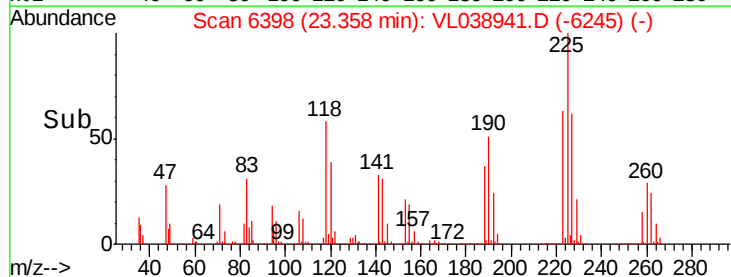
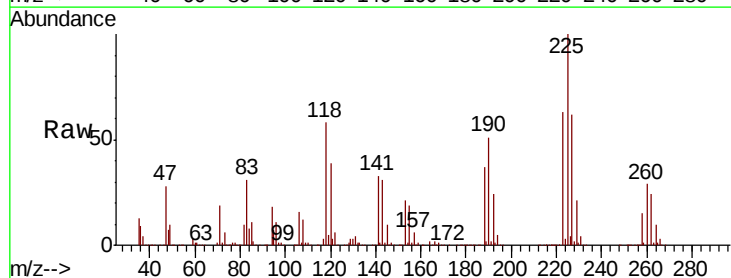
RT: 23.36 min Scan# 6398

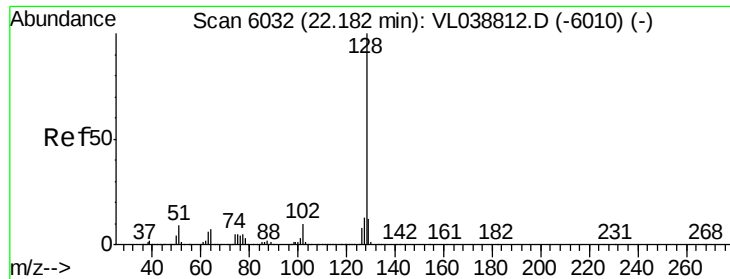
Delta R.T. -0.01 min

Lab File: VL038941.D

Acq: 15 Apr 2022 10:12

Tgt Ion:225 Resp: 1419298
Ion Ratio Lower Upper
225 100
223 64.3 51.6 77.4
227 65.5 52.3 78.5



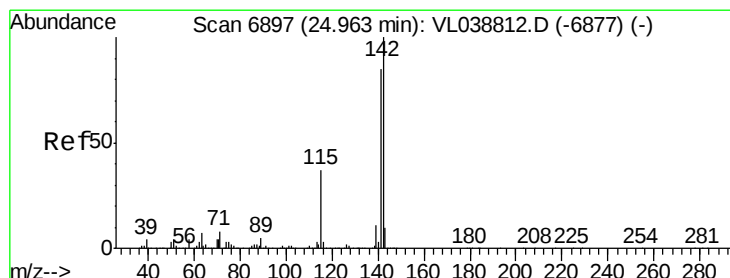
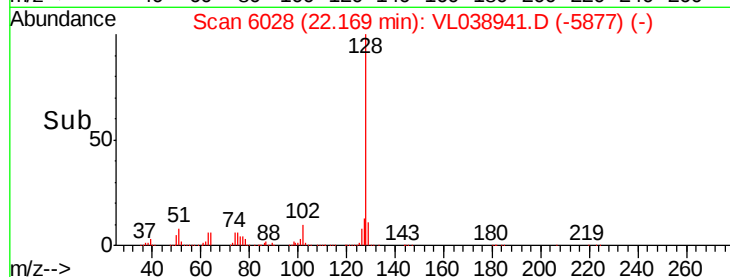
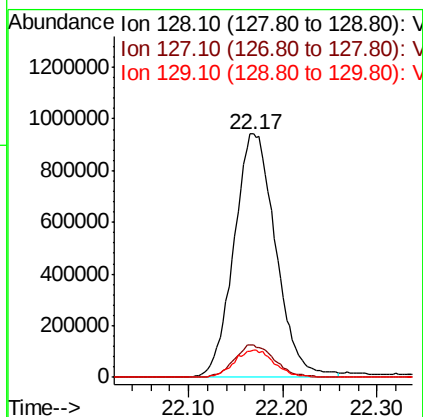
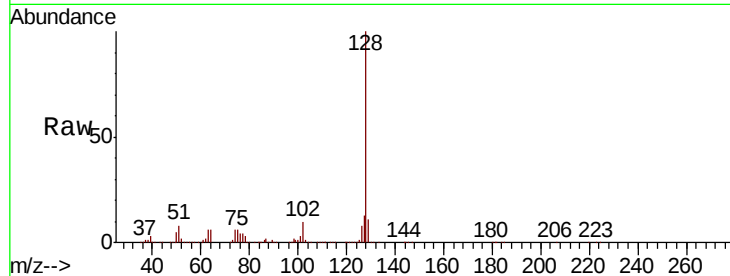


#79
Naphthalene
Concen: 10.821 ppbv m
RT: 22.17
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId :
Acq: 15 Apr 2022 10:12

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

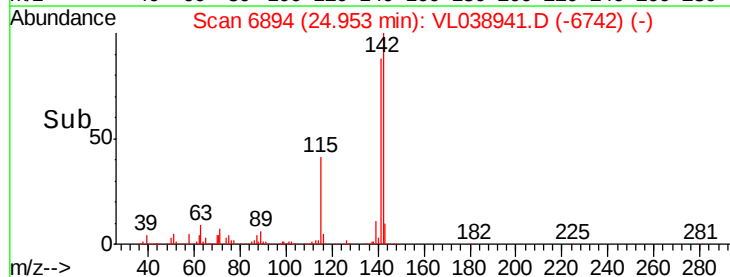
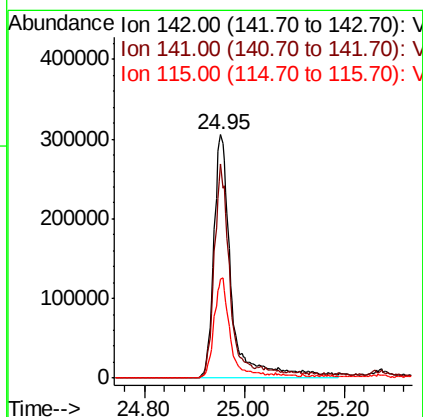
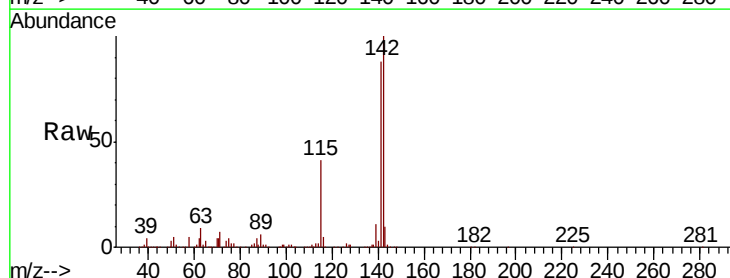
Manual Integrations
APPROVED

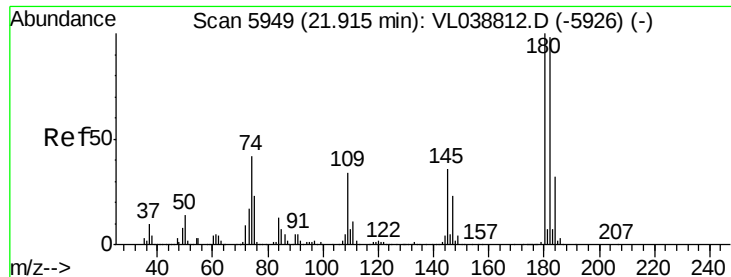
Reviewed By :Semsettin Yesilyurt 04/15/2022
Supervised By :Mahesh Dadoda 04/18/2022



#80
Naphthalene, 2-methyl-
Concen: 11.574 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. -0.01 min
Lab File: VL038941.D
Acq: 15 Apr 2022 10:12

Tgt Ion:142 Resp: 763438
Ion Ratio Lower Upper
142 100
141 80.2 68.8 103.2
115 36.8 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.264 ppbv
 RT: 21.90
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 15 Apr 2022 10.12

Tot Ion:1
 Ion Rati
 180 100
 182 95.
 184 30.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2022
 Supervised By :Mahesh Dadoda 04/18/2022

