

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036872.D
 Acq On : 28 Apr 2021 00:30
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021

Quant Time: Apr 28 07:44:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1615626	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	4184297	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3856871m	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3138841	10.14	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2113125	8.305	ppbv 99
3) Chlorodifluoromethane	2.99	51	2529399	8.595	ppbv 99
4) Chloromethane	3.14	50	819400	8.471	ppbv 93
5) Vinyl Chloride	3.26	62	824162	8.447	ppbv 98
6) Bromomethane	3.48	94	425279	8.106	ppbv 98
7) Chloroethane	3.56	64	296945	9.262	ppbv 91
8) Dichlorotetrafluoroethane	3.19	85	1960191	8.446	ppbv 99
9) Propene	3.01	41	790545	8.815	ppbv 100
10) Heptane	8.13	43	1962360	8.701	ppbv 97
11) Trichlorofluoromethane	3.95	101	1878071	8.269	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1275926	8.394	ppbv 99
13) Ethanol	3.62	45	97882m	8.559	ppbv
14) Bromoethene	3.74	108	554180	8.923	ppbv 99
15) Acetone	3.86	43	1214258	7.974	ppbv 98
16) 1,3-Butadiene	3.33	39	874671	8.983	ppbv 96
17) tert-Butyl alcohol	4.30	59	1149891	9.303	ppbv 99
18) 1,1-Dichloroethene	4.29	96	572865	8.672	ppbv 96
19) Isopropyl Alcohol	3.98	45	650540	8.622	ppbv # 96
20) Methylene Chloride	4.35	84	498278	6.843	ppbv 93
21) Allyl Chloride	4.42	41	916505	8.100	ppbv 98
22) trans-1,2-Dichloroethene	4.89	96	578638	8.728	ppbv 92
23) Vinyl Acetate	5.08	43	2276071	10.988	ppbv 98
24) 1,1-Dichloroethane	5.02	63	1417712	9.641	ppbv 99
25) Ethyl Acetate	5.69	43	3013367	8.101	ppbv 99
26) Hexane	5.69	57	1473830	8.469	ppbv 93
27) Carbon Disulfide	4.56	76	1366589	9.041	ppbv 100
28) Methyl tert-Butyl Ether	5.04	73	1602901	10.391	ppbv 100
29) Chloroform	5.76	83	2267051	8.356	ppbv 99
30) Cyclohexane	7.14	84	1220615	8.845	ppbv 97
31) cis-1,2-Dichloroethene	5.56	61	1421665	9.101	ppbv 99
32) 1,1,1-Trichloroethane	6.52	97	2319781	8.408	ppbv 99
34) 2-Butanone	5.25	43	1436599	7.838	ppbv 98
35) Carbon Tetrachloride	7.02	117	2406185	8.475	ppbv 98
36) Benzene	6.90	78	3043269	8.632	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1698261	8.507	ppbv 98
38) Trichloroethene	7.84	130	1108198	8.829	ppbv 98
39) 1,2-Dichloropropane	7.62	63	1186857	8.403	ppbv 98
40) 1,4-Dioxane	7.84	88	262654	7.701	ppbv 85
41) Tetrahydrofuran	6.06	42	665885	8.305	ppbv 100
42) Bromodichloromethane	7.80	83	2402569	8.662	ppbv 99
43) Methyl Methacrylate	8.02	69	1138691	9.898	ppbv 97

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 ClientSampleId :
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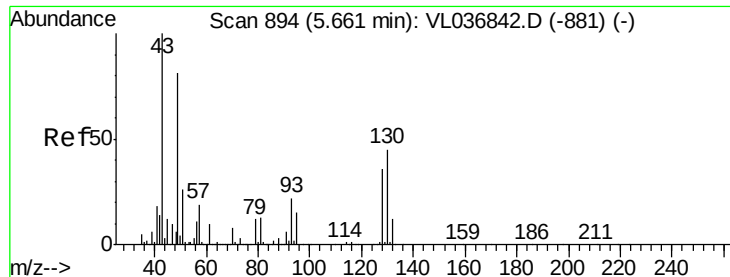
Manual Integrations
 APPROVED

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5089310	8.423	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	821854	6.627	ppbv	98
46) cis-1,3-Dichloropropene	8.72	75	1128393	7.097	ppbv	99
47) 1,1,2-Trichloroethane	9.49	97	1222939	8.363	ppbv	98
48) Dibromochloromethane	10.31	129	2017012	9.309	ppbv	99
49) Bromoform	13.05	173	1674227	9.679	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	2085346	8.323	ppbv	98
51) 2-Hexanone	10.15	43	1066061	8.531	ppbv #	95
52) Tetrachloroethene	11.24	164	1046119	8.714	ppbv	98
53) Toluene	9.82	91	3409724	9.243	ppbv	100
54) 1,2-Dibromoethane	10.62	107	1727795	8.369	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1419989	8.782	ppbv	96
57) Chlorobenzene	12.16	112	2506090	8.342	ppbv	99
58) Ethyl Benzene	12.72	91	4529722	9.260	ppbv	100
59) m/p-Xylene	13.01	91	7686128m	17.579	ppbv	
60) o-Xylene	13.70	91	3598907	8.513	ppbv	100
61) Styrene	13.54	104	1957258	9.859	ppbv	99
62) Isopropylbenzene	14.68	105	5018635	8.725	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2703541	7.978	ppbv	100
64) n-propylbenzene	15.57	120	1345380	9.385	ppbv	97
65) tert-Butylbenzene	16.76	119	4416548	8.685	ppbv	100
66) Benzyl Chloride	17.00	91	330898	6.655	ppbv	97
67) sec-Butylbenzene	17.31	105	6205946	8.788	ppbv	99
69) p-Isopropyltoluene	17.67	119	5106314	9.020	ppbv	100
70) n-Butylbenzene	18.56	91	5245878	9.193	ppbv	99
71) 2-Chlorotoluene	15.46	91	3892650	9.138	ppbv	99
72) 4-Ethyltoluene	15.85	105	4288733	9.451	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	3815591	8.671	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	4012106	8.583	ppbv	93
75) 1,3-Dichlorobenzene	17.00	146	2419004	8.754	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2395252m	8.858	ppbv	
77) 1,2-Dichlorobenzene	17.83	146	2307900	8.551	ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	1826933	7.966	ppbv	99
79) Naphthalene	22.21	128	2696305	10.299	ppbv	100
80) Naphthalene, 2-methyl-	24.99	142	327879	11.357	ppbv	96
81) 1,2,4-Trichlorobenzene	21.94	180	1675521	9.894	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 28 Apr 2021 00:30

Tot Ion:

Ion Ratio

49 100

128 51.

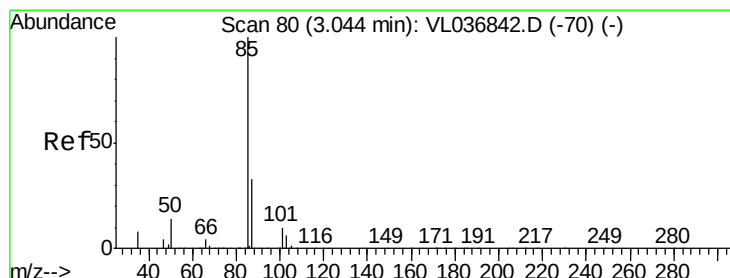
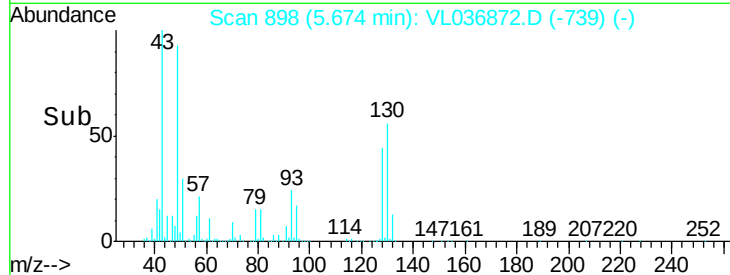
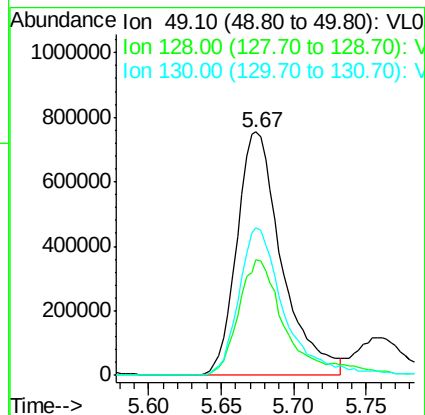
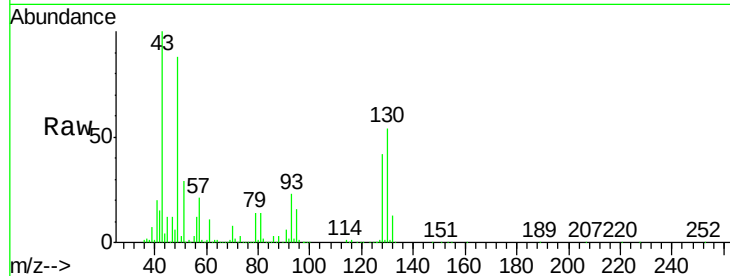
130 62.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#2

Dichlorodifluoromethane

Concen: 8.305 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL036872.D

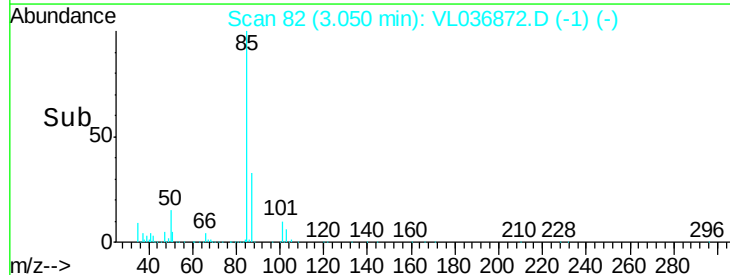
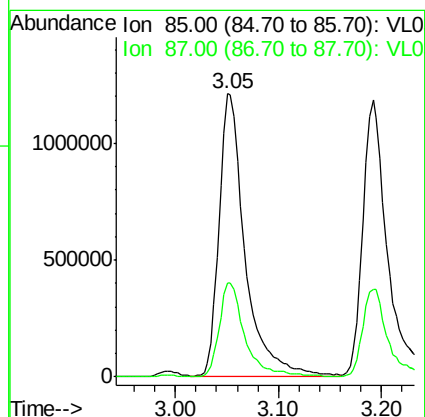
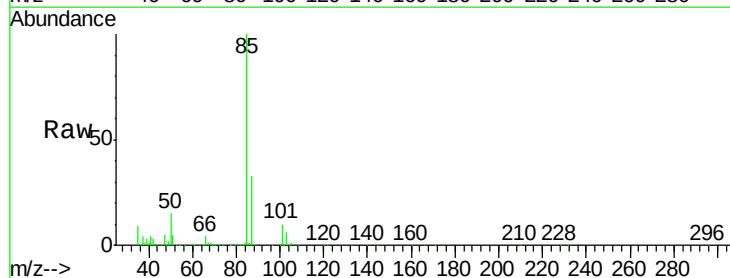
Acq: 28 Apr 2021 00:30

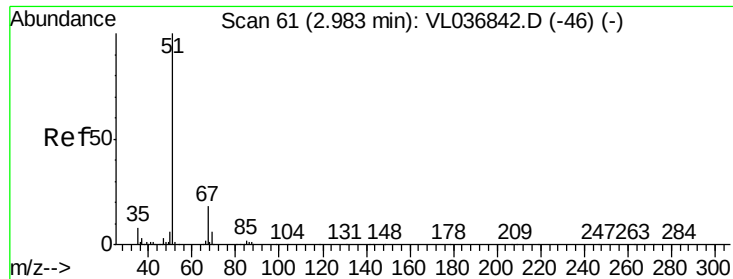
Tgt Ion: 85 Resp: 2113125

Ion Ratio Lower Upper

85 100

87 33.1 26.2 39.2



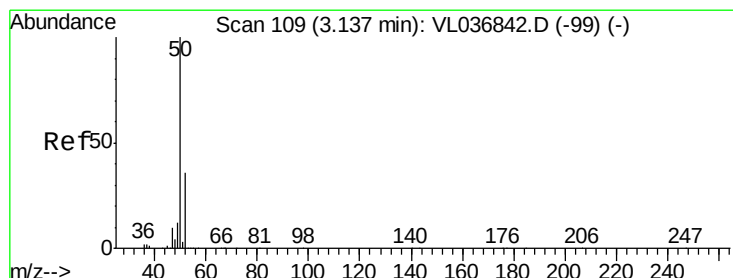
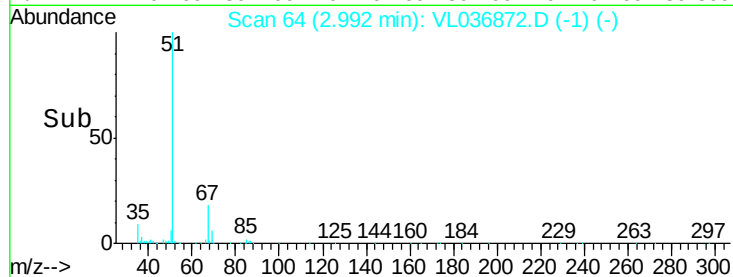
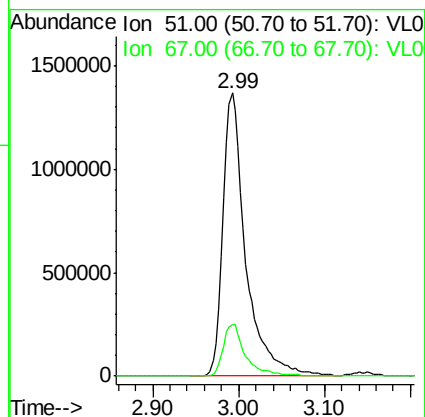
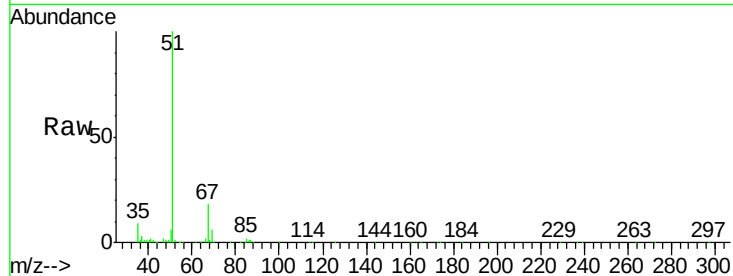


#3
 Chlorodifluoromethane
 Concen: 8.595 ppbv
 RT: 2.99
 Instrument : MSVOA_L
 Delta R.T. :
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Apr 2021 00:30

Tot Ion:
 Ion Ratio
 51 100
 67 18.

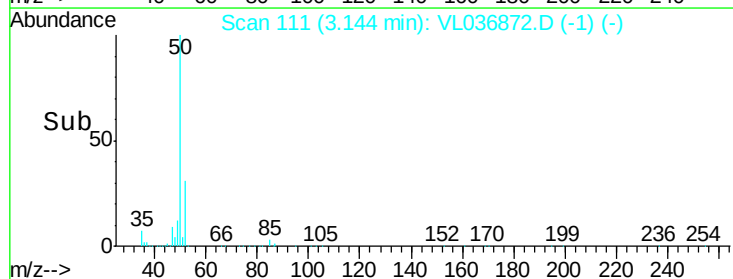
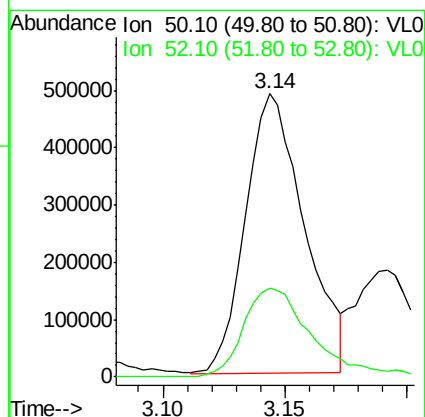
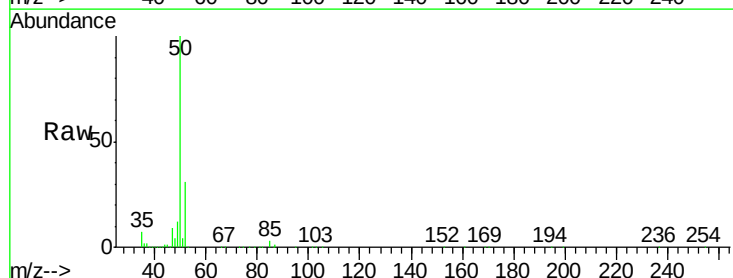
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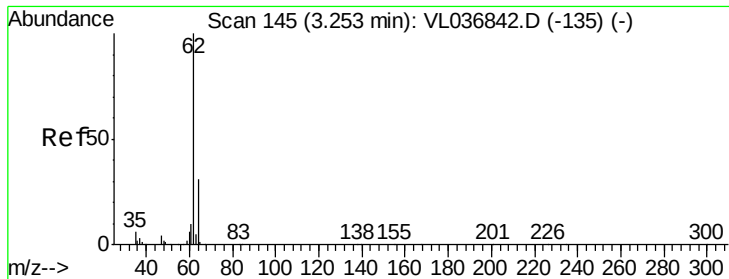
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#4
 Chloromethane
 Concen: 8.471 ppbv
 RT: 3.14 min Scan# 111
 Delta R.T. 0.01 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion: 50 Resp: 819400
 Ion Ratio Lower Upper
 50 100
 52 31.5 28.5 42.7





#5

Vinyl Chloride

Concen: 8.447 ppbv

RT: 3.26

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Apr 2021 00:30

Tot Ion:

Ion Ratio

62 100

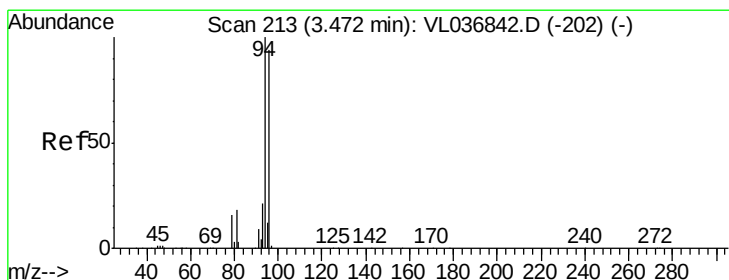
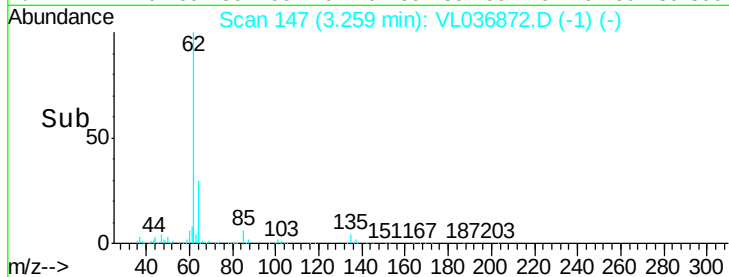
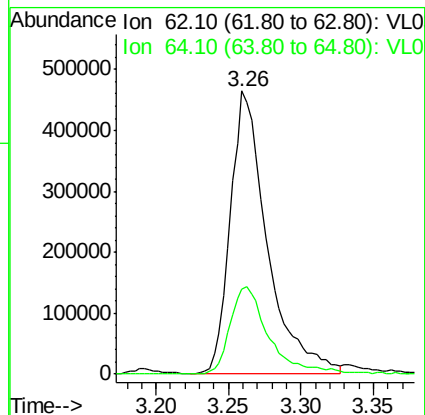
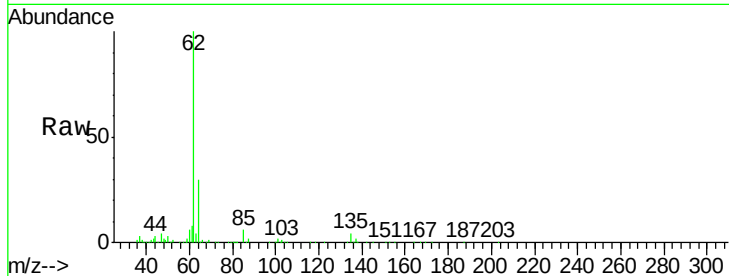
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#6

Bromomethane

Concen: 8.106 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL036872.D

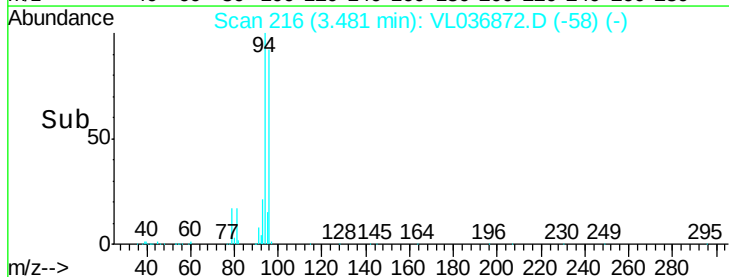
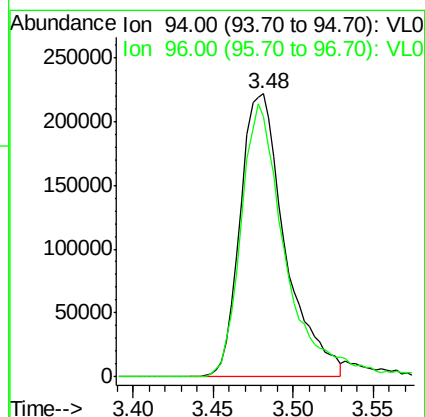
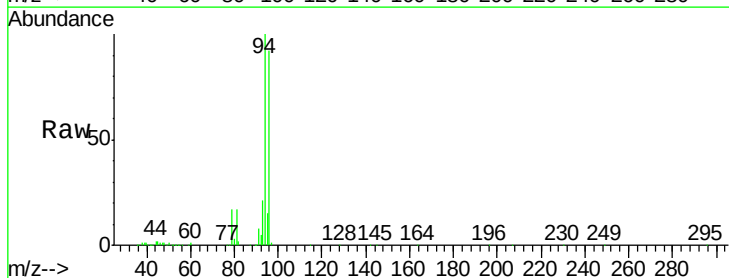
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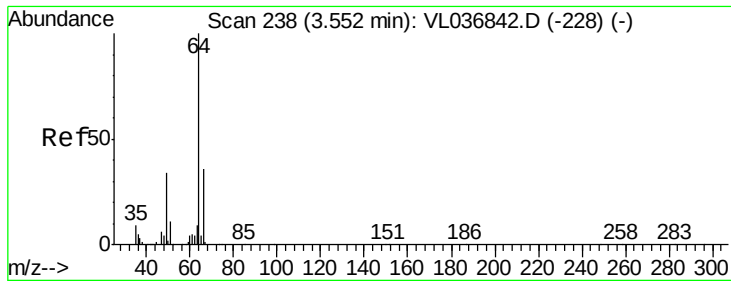
Tgt Ion: 94 Resp: 425279

Ion Ratio Lower Upper

94 100

96 91.9 75.4 113.0





#7

Chloroethane

Concen: 9.262 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Apr 2021 00:30 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

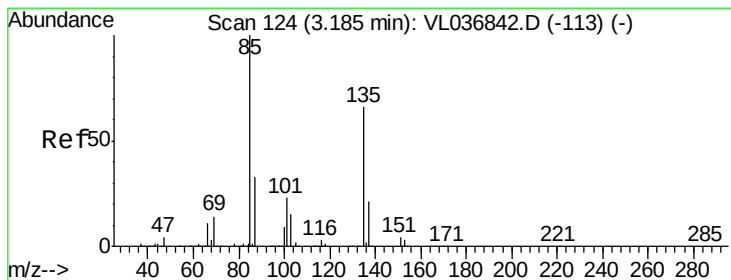
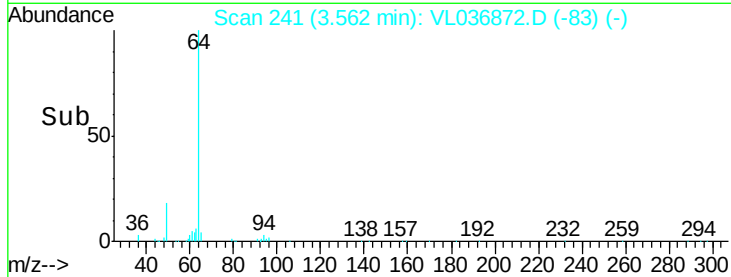
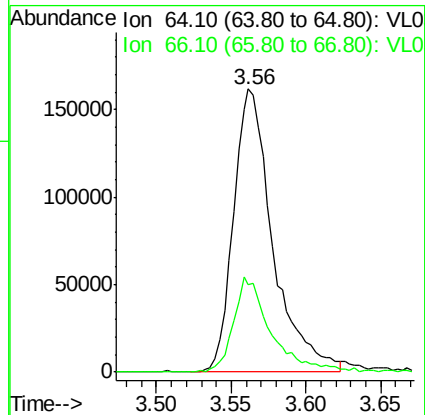
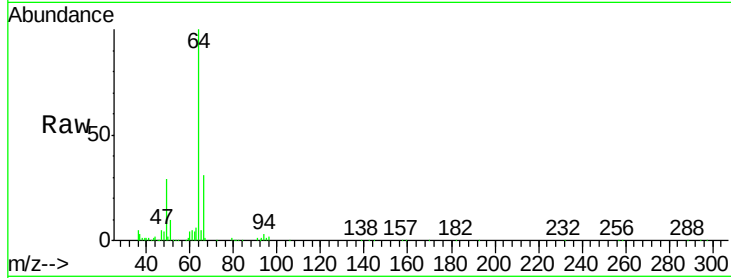
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#8

Dichlorotetrafluoroethane

Concen: 8.446 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL036872.D

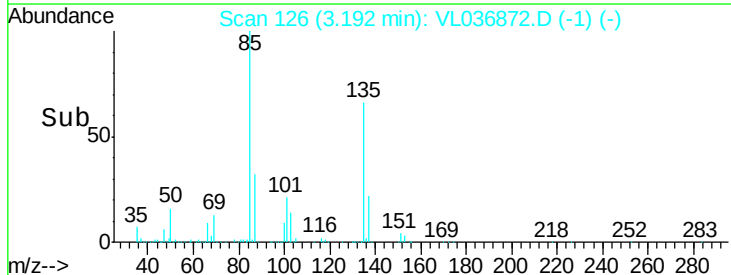
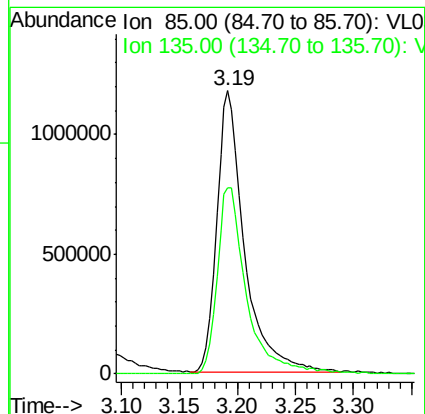
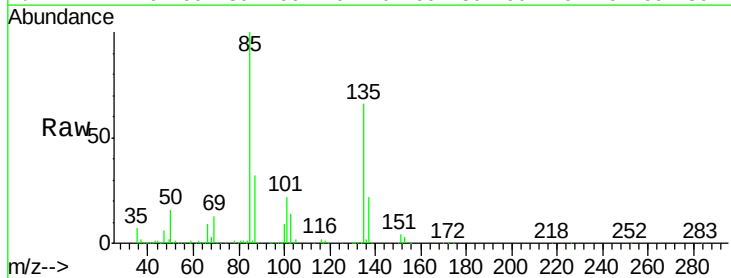
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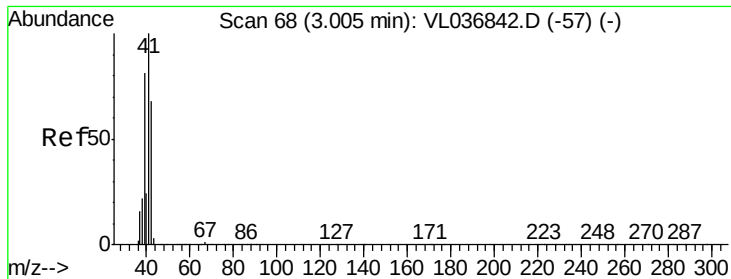
Tgt Ion: 85 Resp: 1960191

Ion Ratio Lower Upper

85 100

135 70.9 56.2 84.4



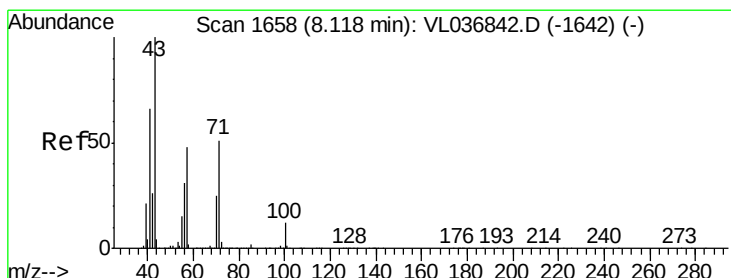
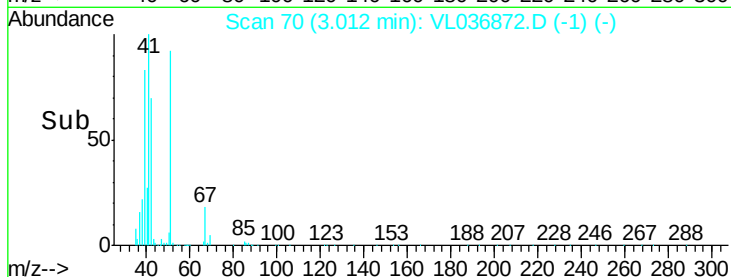
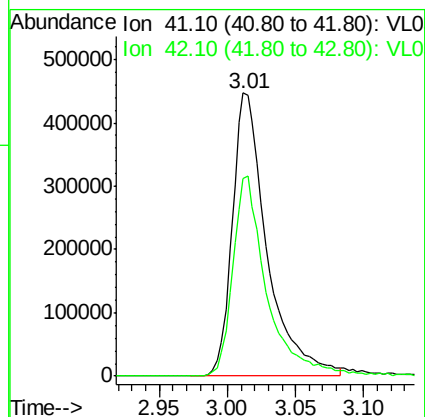
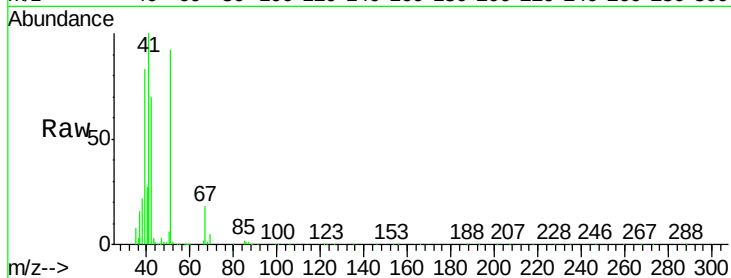


#9
 Propene
 Concen: 8.815 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Apr 2021 00:30

Tot Ion:
 Ion Ratio
 41 100
 42 69.

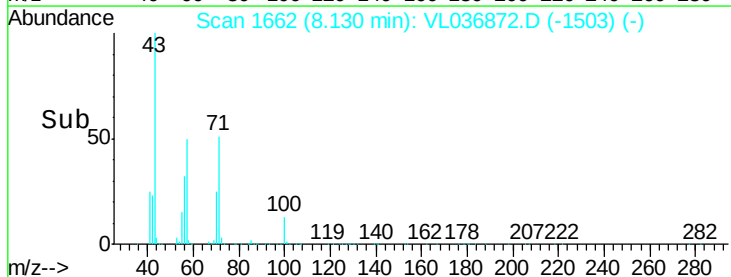
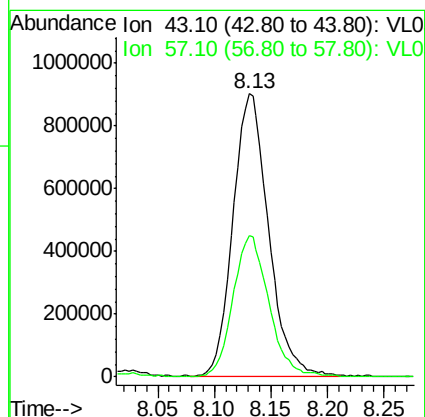
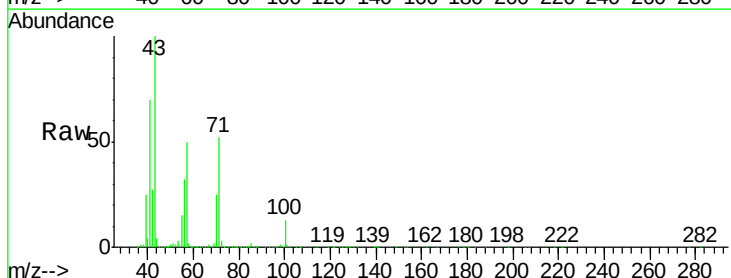
Manual Integrations
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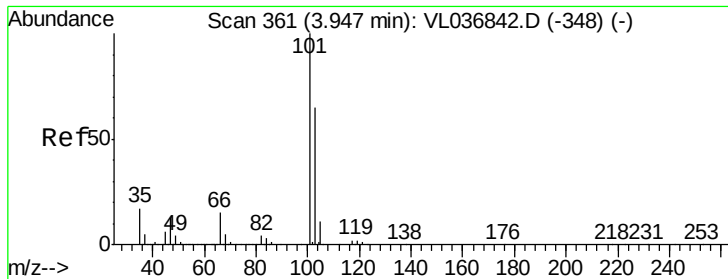
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#10
 Heptane
 Concen: 8.701 ppbv
 RT: 8.13 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion: 43 Resp: 1962360
 Ion Ratio Lower Upper
 43 100
 57 50.9 38.8 58.2



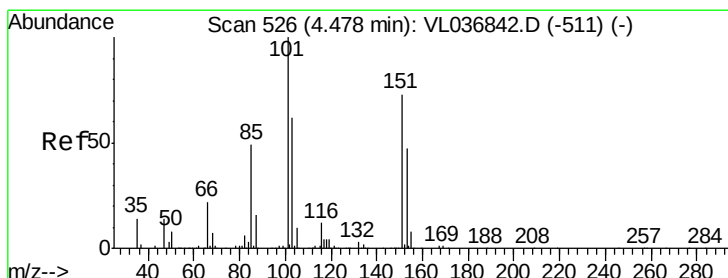
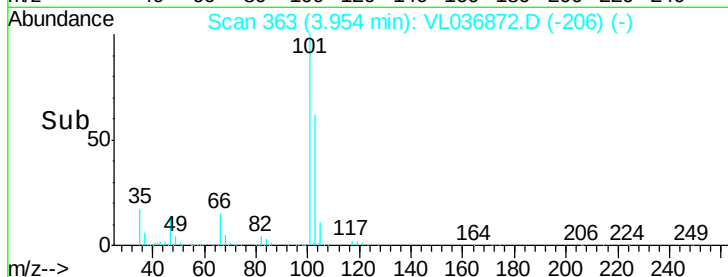
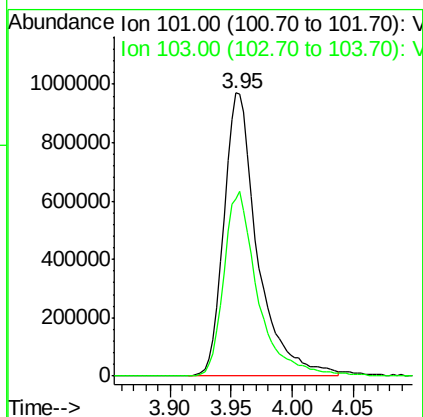
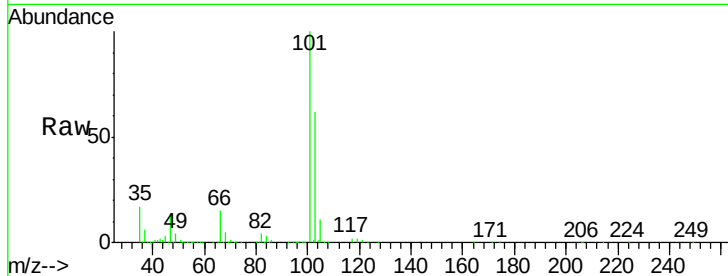


#11
 Trichlorofluoromethane
 Concen: 8.269 ppbv
 RT: 3.95 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Apr 2021 00:30

Tot Ion:1
 Ion Ratio
 101 100
 103 62.

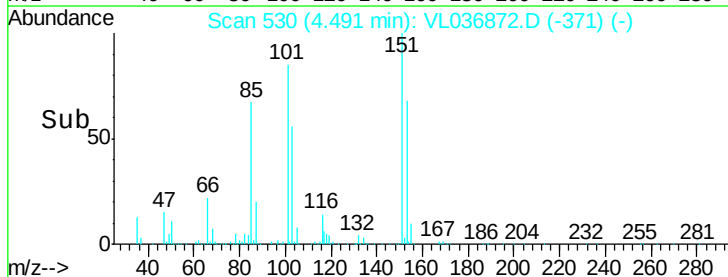
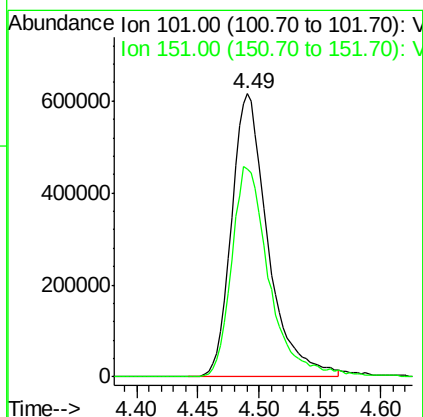
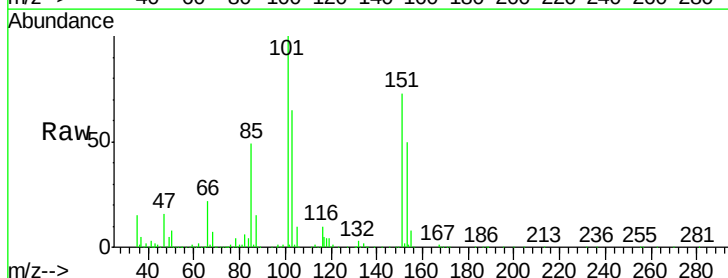
Manual Integrations
 APPROVED

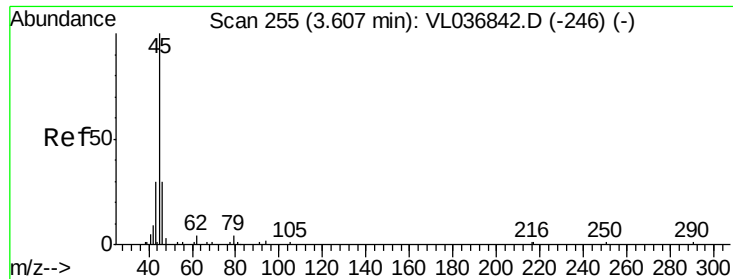
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.394 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion:101 Resp: 1275926
 Ion Ratio Lower Upper
 101 100
 151 77.2 61.1 91.7



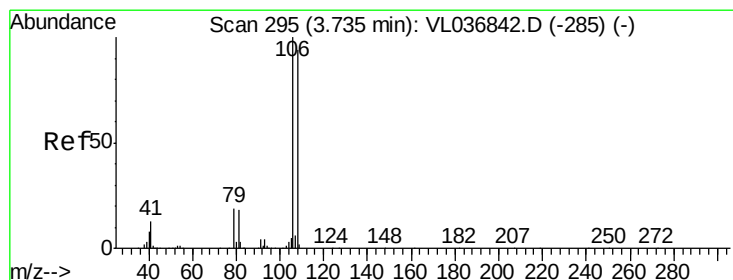
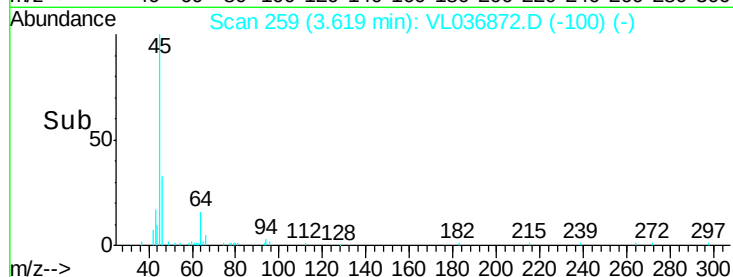
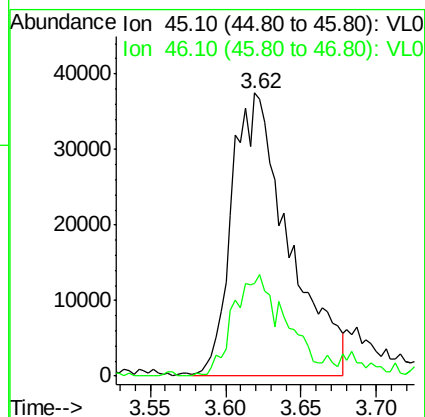
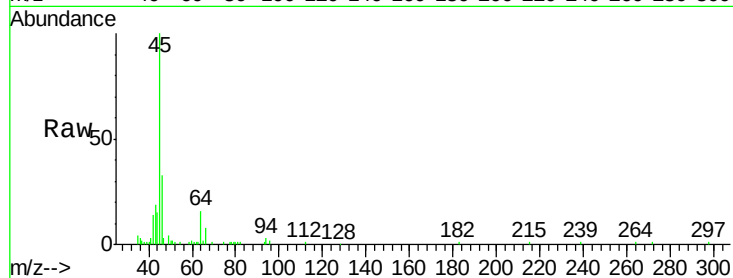


#13
Ethanol
Concen: 8.559 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 28 Apr 2021 00:30

Tot Ion:
Ion Ratio
45 100
46 34.

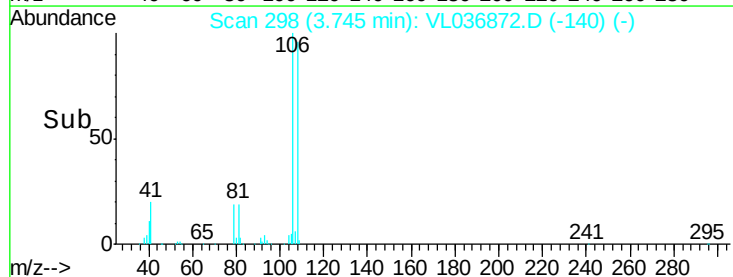
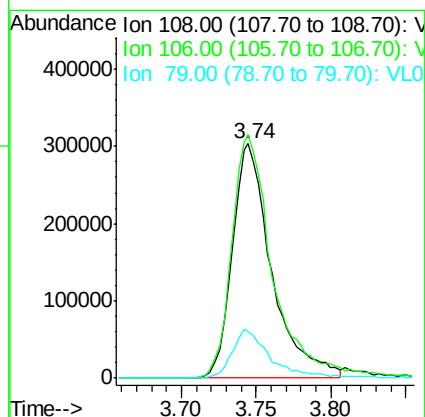
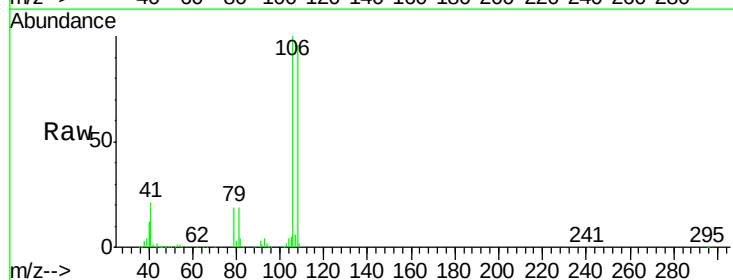
Manual Integrations
APPROVED

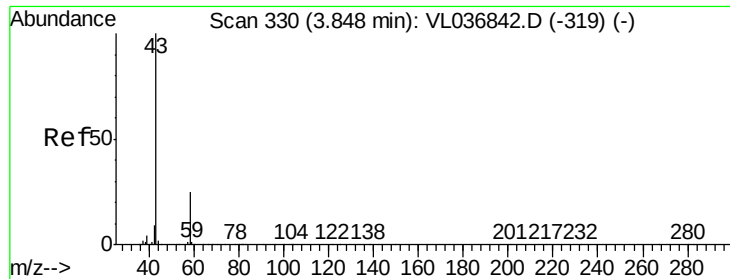
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#14
Bromoethene
Concen: 8.923 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion:108 Resp: 554180
Ion Ratio Lower Upper
108 100
106 110.4 88.5 132.7
79 20.3 17.9 26.9



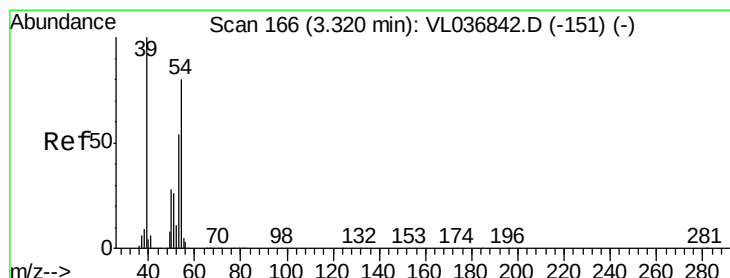
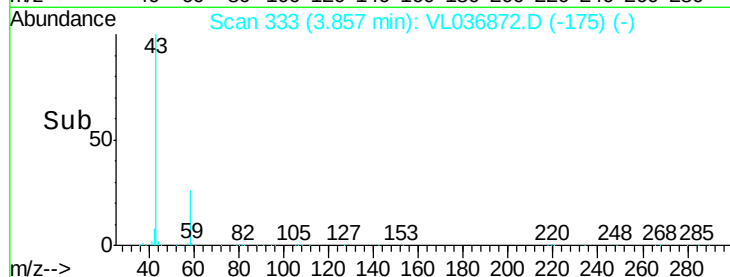
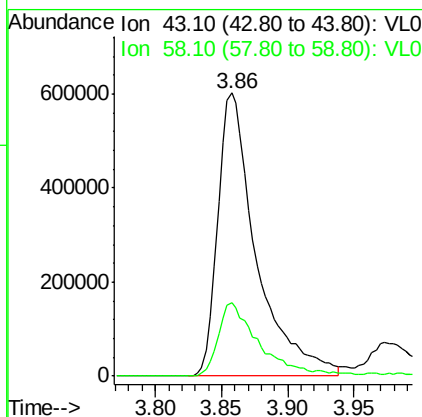
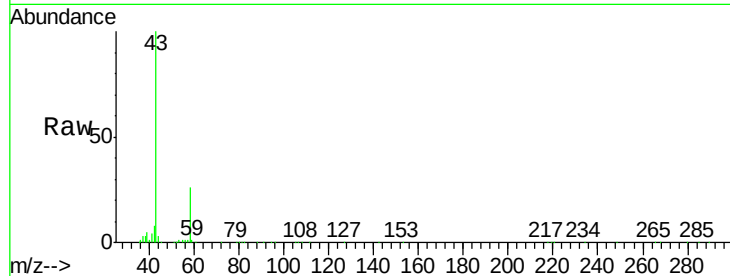


#15
Acetone
Concen: 7.974 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 28 Apr 2021 00:30

Tot Ion:
Ion Rati
43 100
58 27.

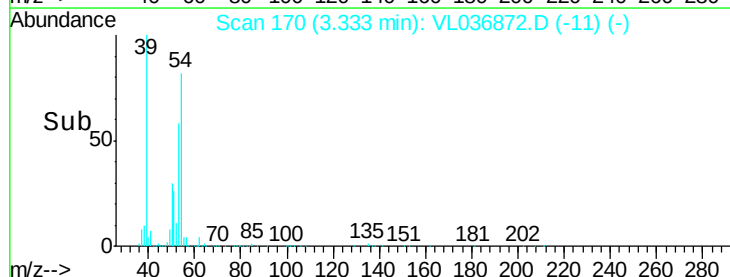
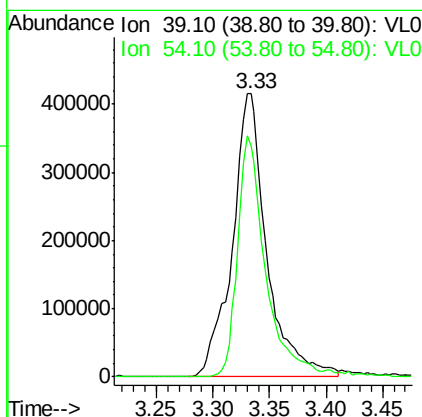
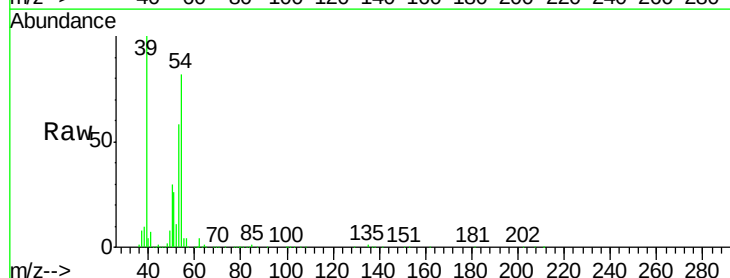
Manual Integrations
APPROVED

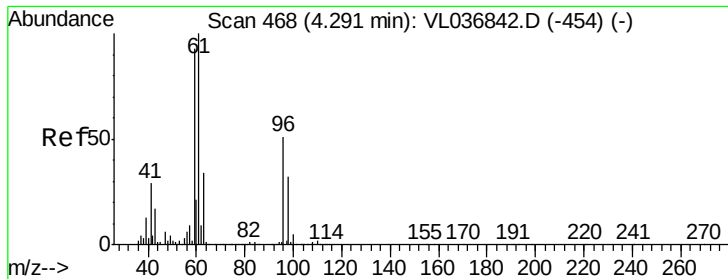
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#16
1,3-Butadiene
Concen: 8.983 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion: 39 Resp: 874671
Ion Ratio Lower Upper
39 100
54 71.3 59.6 89.4





#17

tert-Butyl alcohol

Concen: 9.303 ppbv

RT: 4.30 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 28 Apr 2021 00:30

Tot Ion:

Ion Ratio

59 100

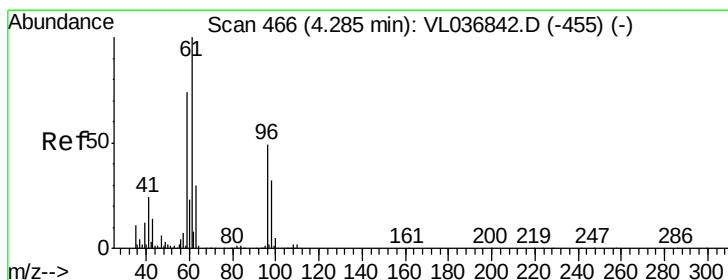
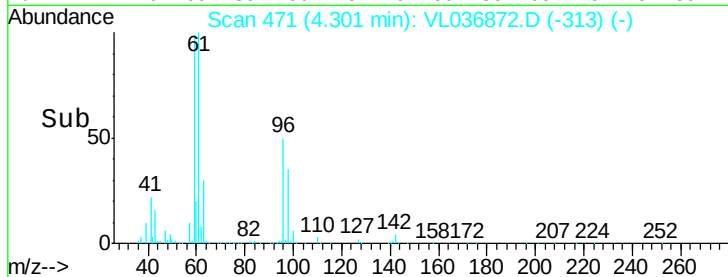
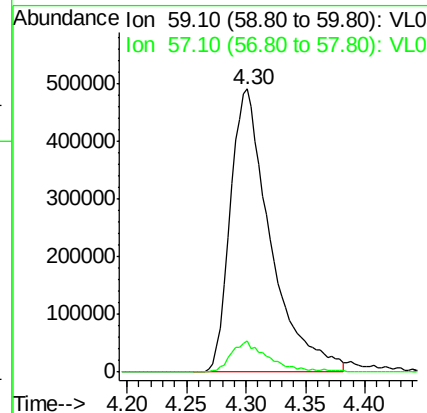
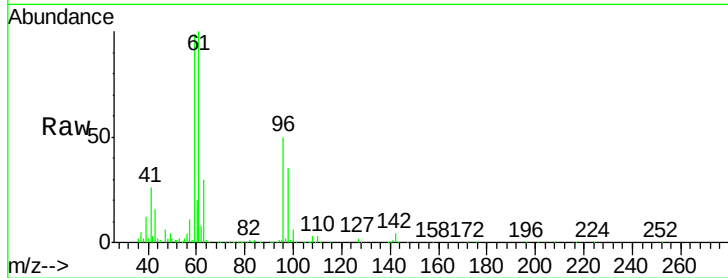
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#18

1,1-Dichloroethene

Concen: 8.672 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

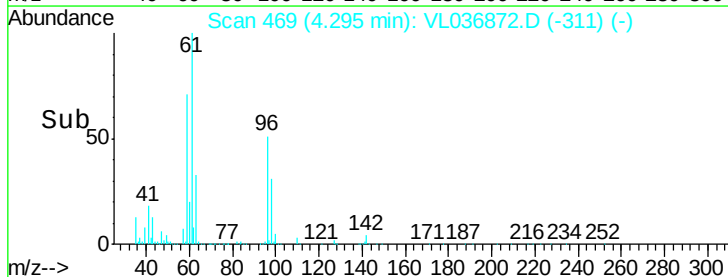
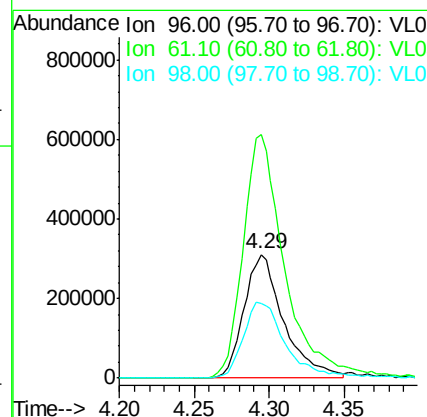
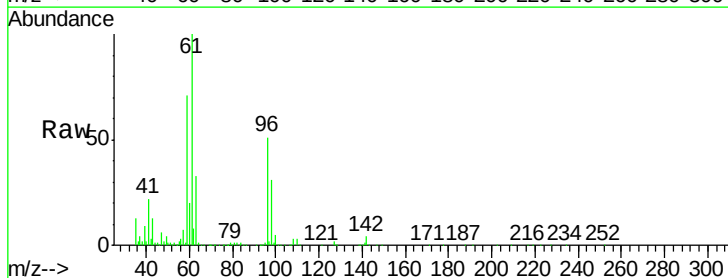
Tgt Ion: 96 Resp: 572865

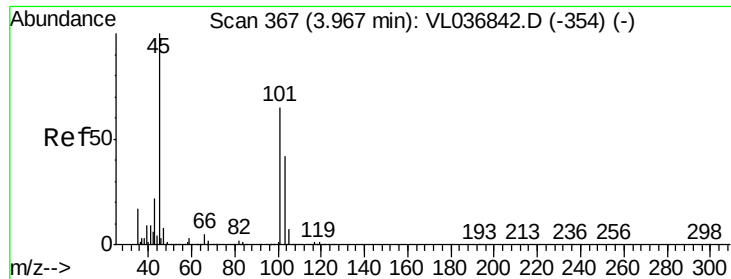
Ion Ratio Lower Upper

96 100

61 197.2 162.2 243.2

98 60.7 51.8 77.6





#19

Isopropyl Alcohol

Concen: 8.622 ppbv

RT: 3.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Apr 2021 00:30

Tot Ion:

Ion Ratio

45 100

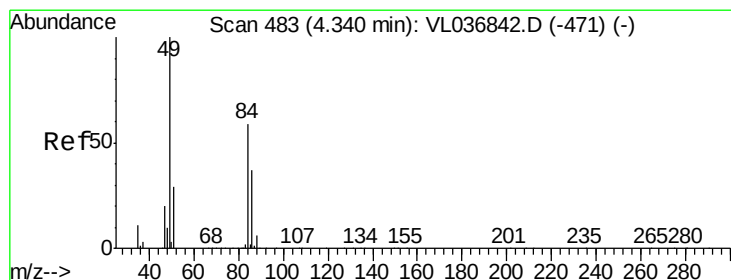
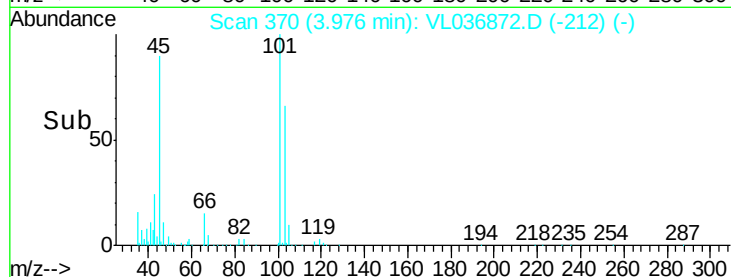
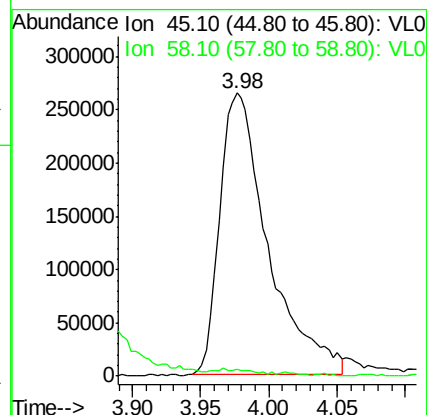
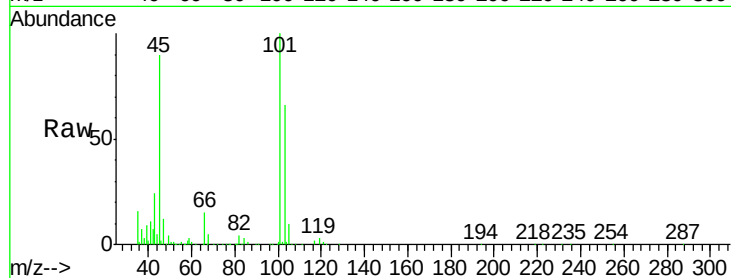
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#20

Methylene Chloride

Concen: 6.843 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

Tgt Ion: 84 Resp: 498278

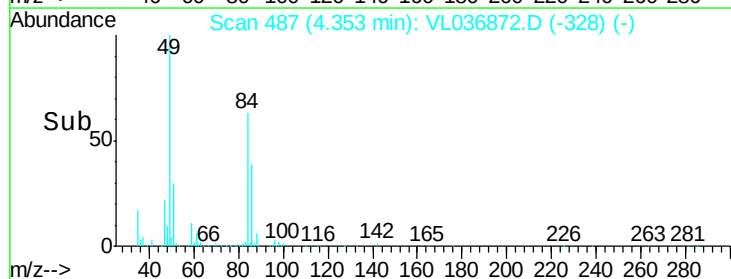
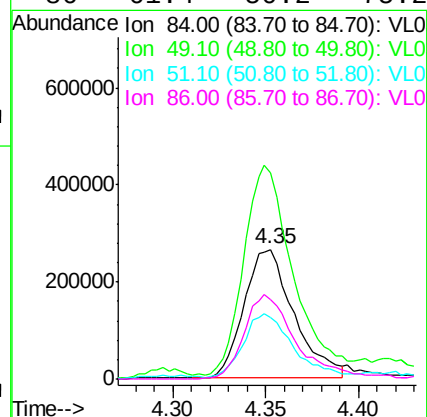
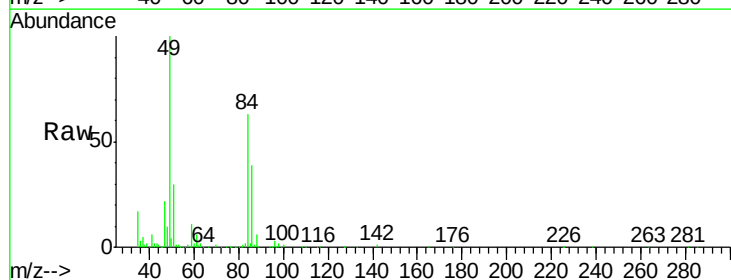
Ion Ratio Lower Upper

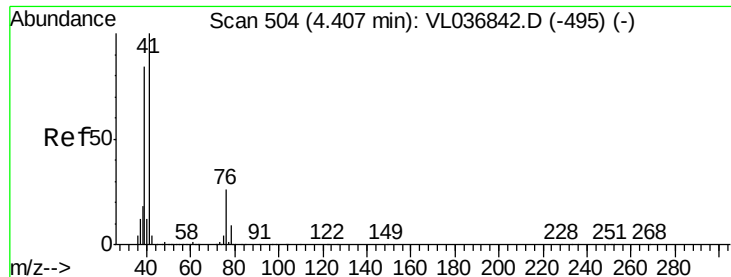
84 100

49 156.9 135.4 203.0

51 45.7 39.3 58.9

86 61.4 50.2 75.2



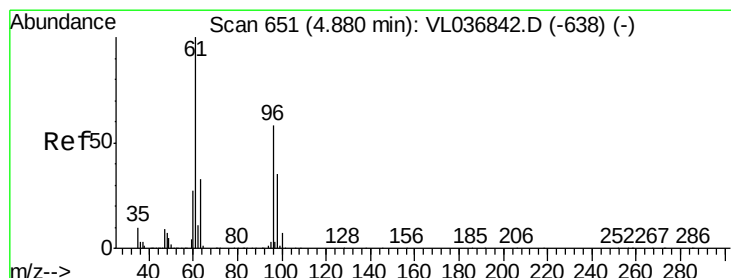
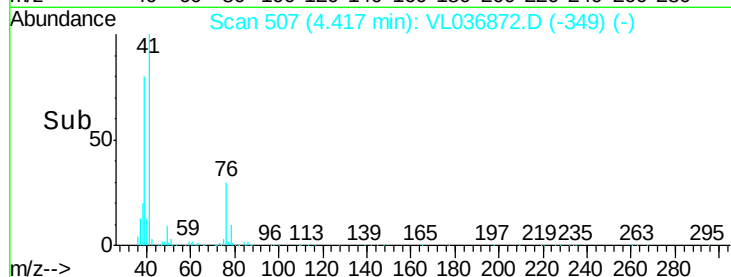
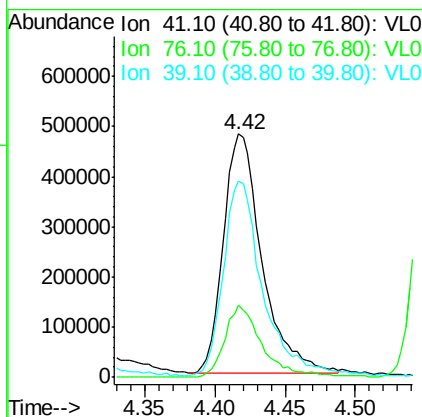
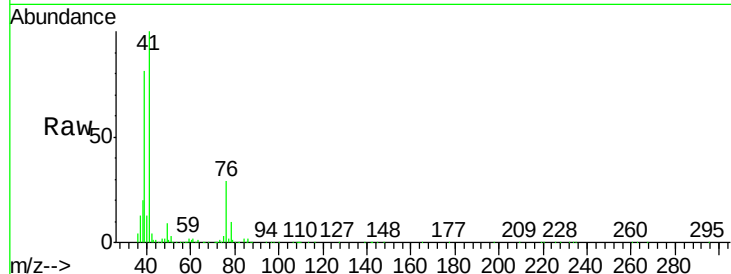


#21
 Allvl Chloride
 Concen: 8.100 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Apr 2021 00:30

Tot Ion:
 Ion Ratio
 41 100
 76 29.
 39 83.

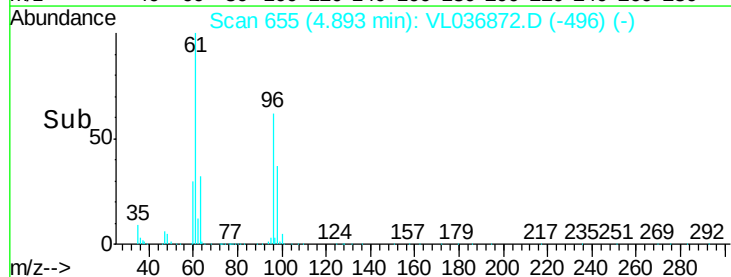
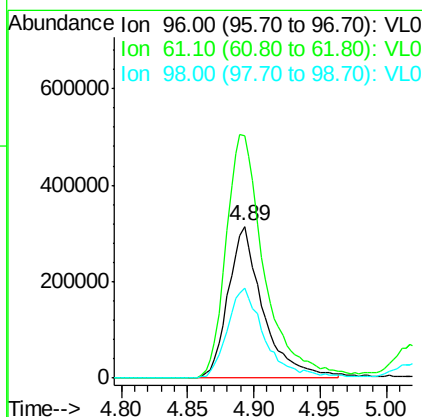
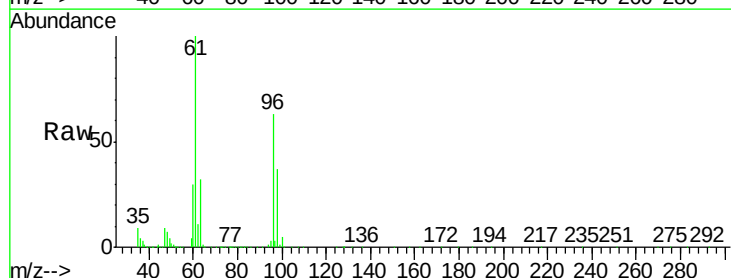
Manual Integrations
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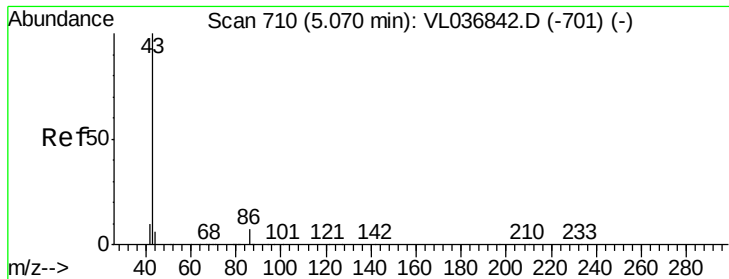
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#22
 trans-1,2-Dichloroethene
 Concen: 8.728 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion: 96 Resp: 578638
 Ion Ratio Lower Upper
 96 100
 61 159.5 138.6 207.8
 98 59.0 48.1 72.1





#23

Vinyl Acetate

Concen: 10.988 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 28 Apr 2021 00:30

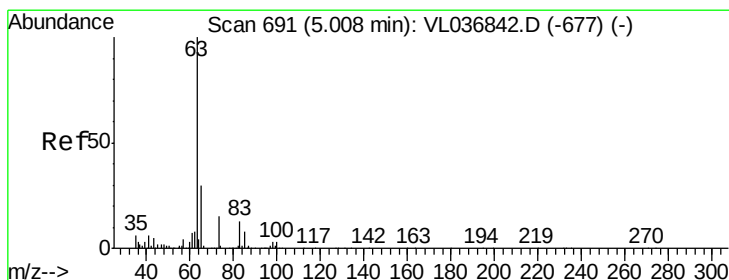
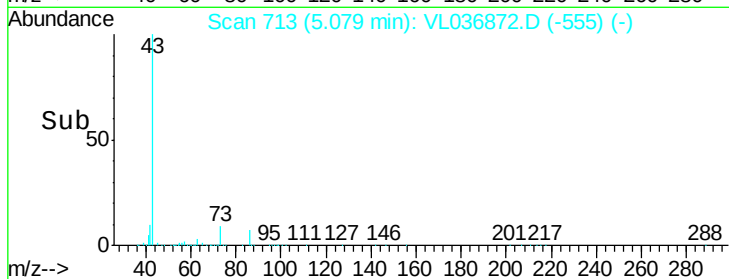
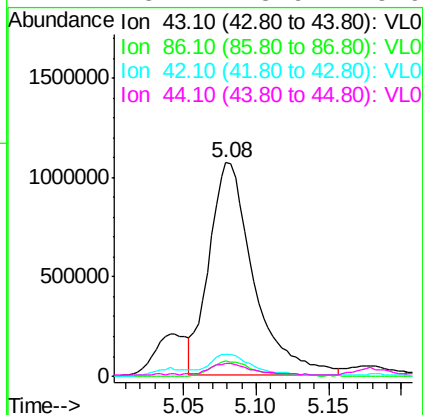
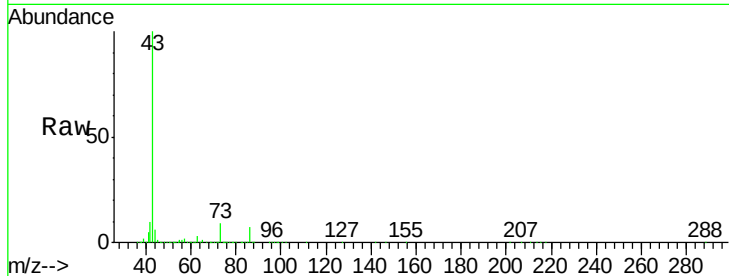
Tot Ion: 43.10 (42.80 to 43.80): VL0

Ion	Ratio
43	100
86	7.1
42	9.1
44	5.1

3.9 5.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#24

1,1-Dichloroethane

Concen: 9.641 ppbv

RT: 5.02 min Scan# 694

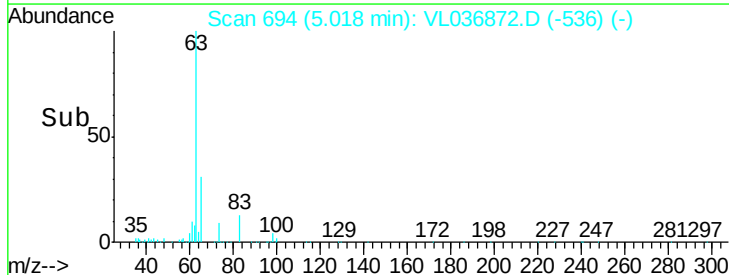
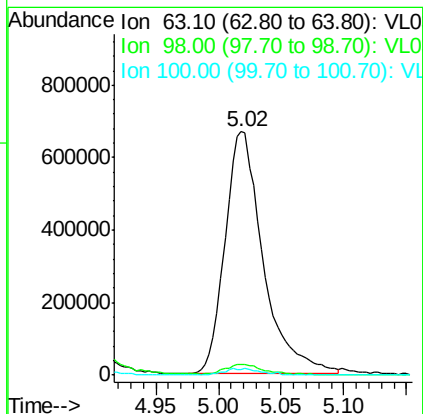
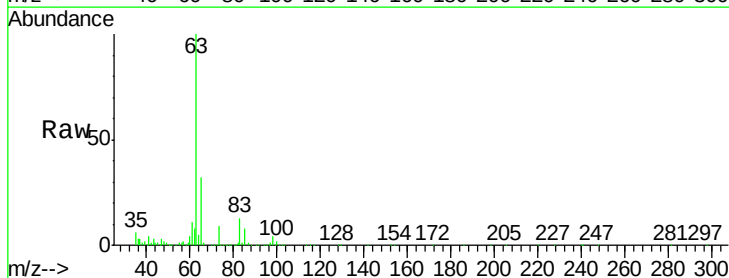
Delta R.T. 0.01 min

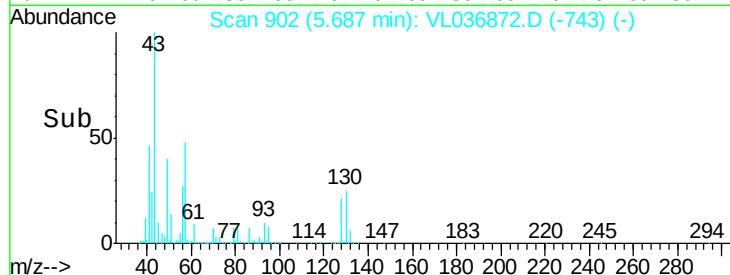
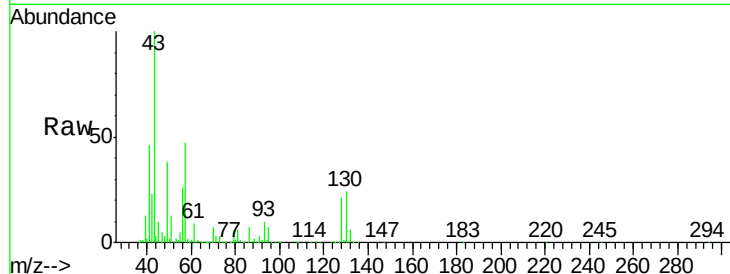
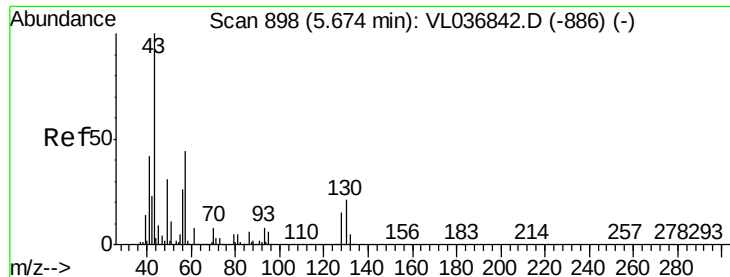
Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

Tgt Ion: 63 Resp: 1417712

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.7	5.1
100	2.2	1.3	3.8



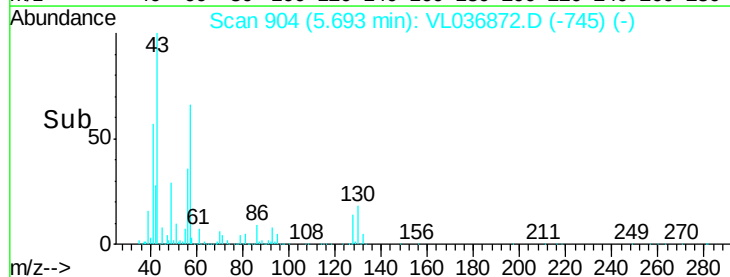
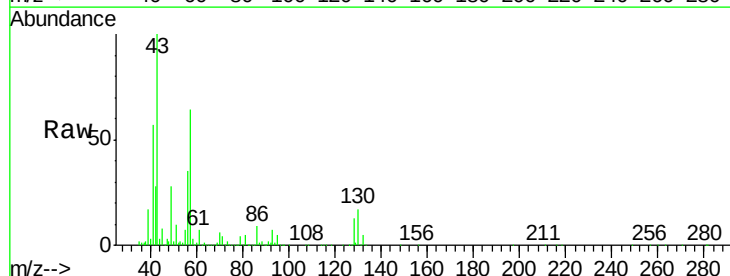
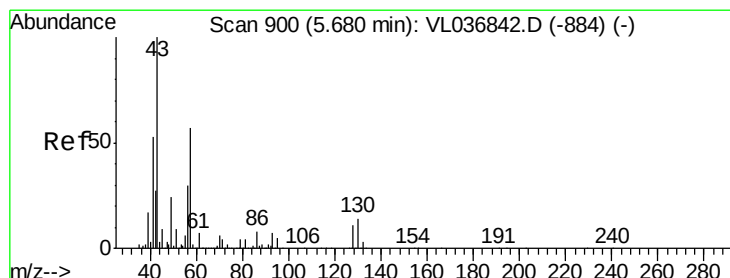
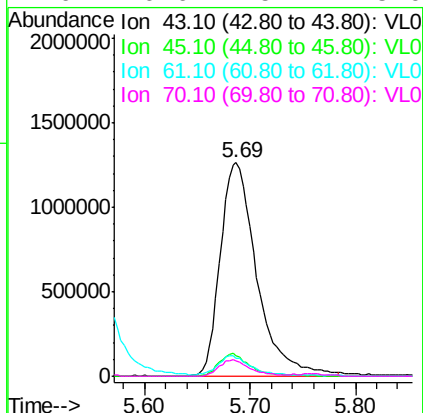


#25
Ethyl Acetate
Concen: 8.101 ppbv
RT: 5.69
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 28 Apr 2021 00:30

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.6 5.4 8.0

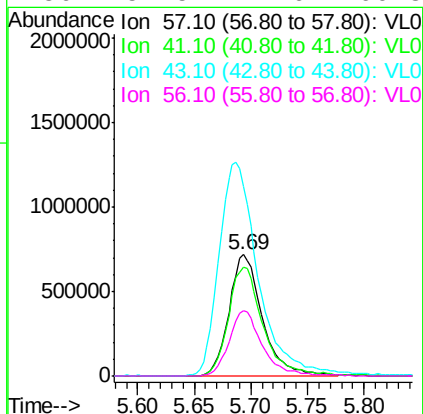
Manual Integrations
APPROVED

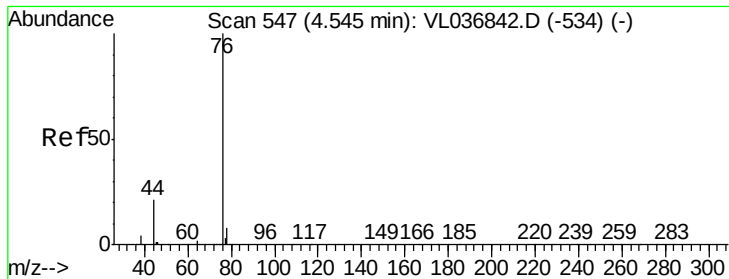
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#26
Hexane
Concen: 8.469 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion: 57 Resp: 1473830
Ion Ratio Lower Upper
57 100
41 94.3 77.7 116.5
43 208.0 180.5 270.7
56 54.5 44.6 66.8



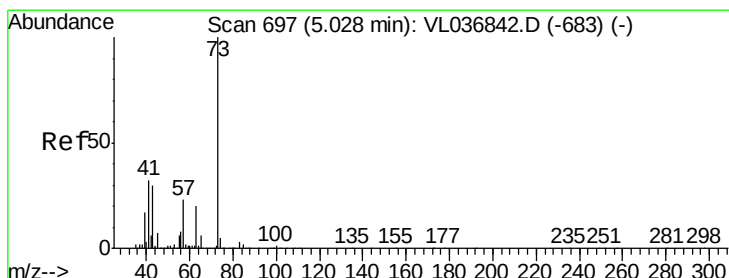
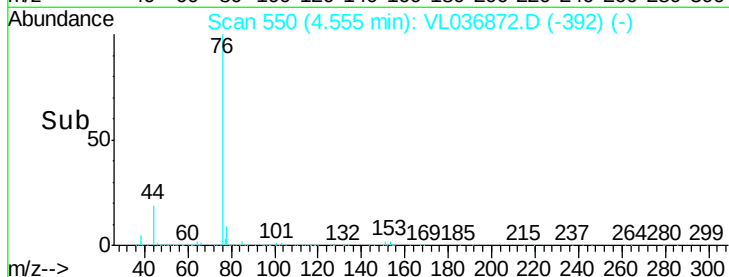
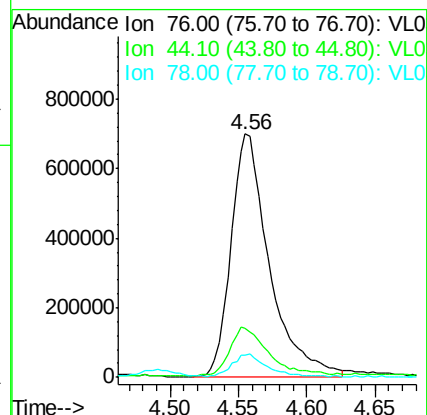
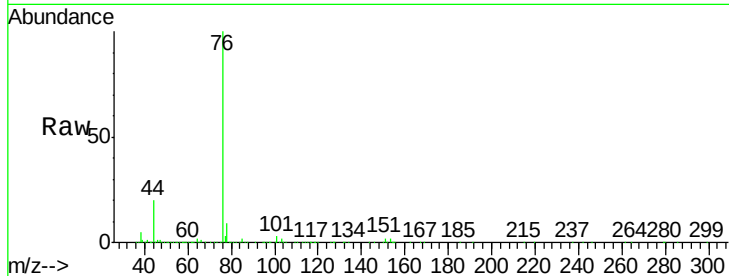


#27
Carbon Disulfide
Concen: 9.041 ppbv
RT: 4.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Apr 2021 00:30

Tot Ion:
Ion Ratio
76 100
44 21.
78 9.

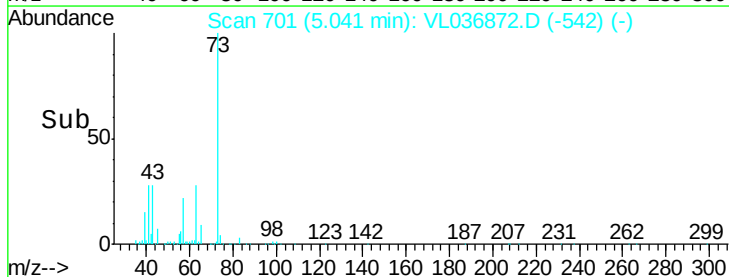
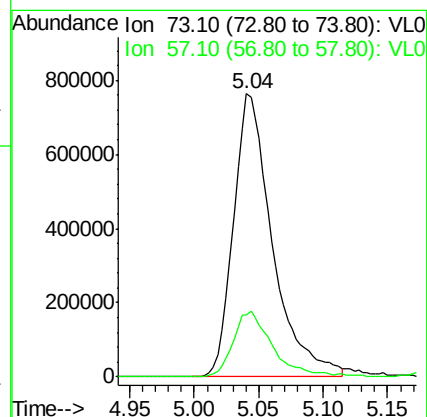
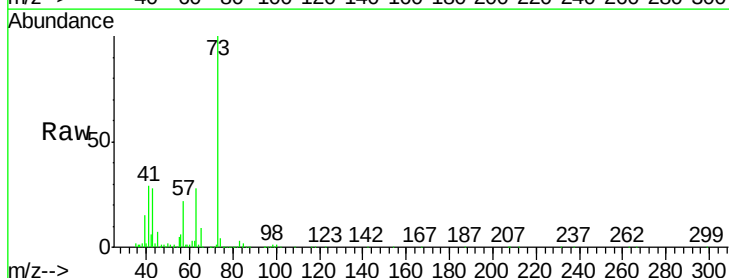
Manual Integrations
APPROVED

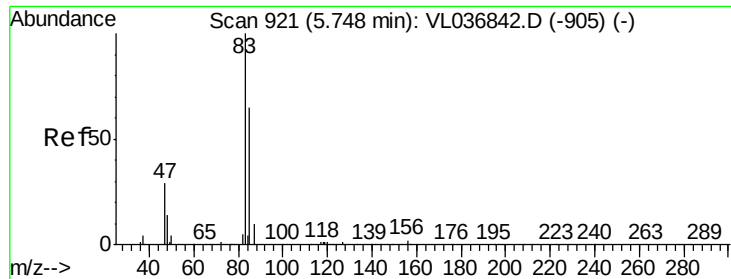
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#28
Methyl tert-Butyl Ether
Concen: 10.391 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion: 73 Resp: 1602901
Ion Ratio Lower Upper
73 100
57 23.6 19.0 28.6



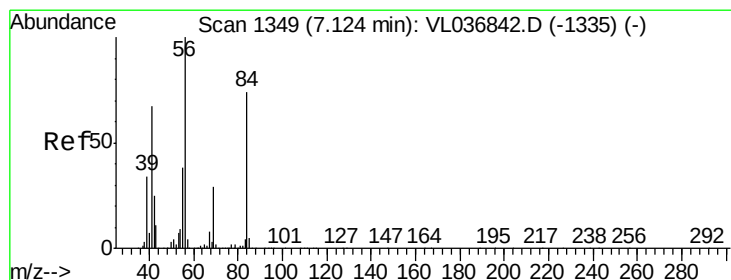
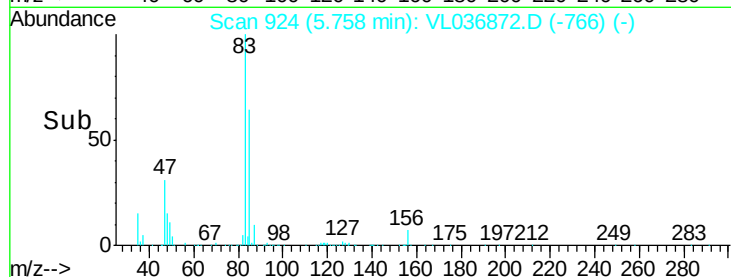
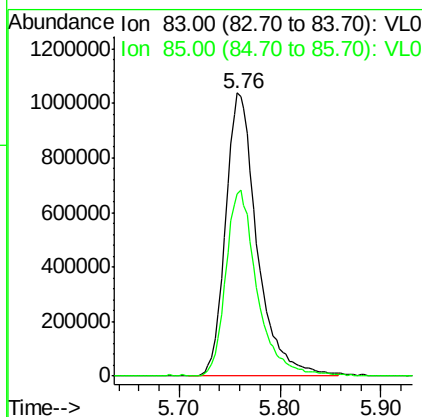
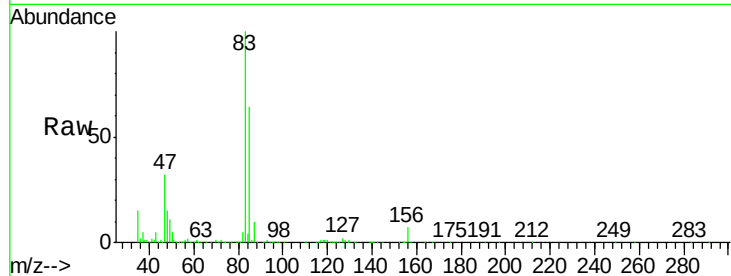


#29
Chloroform
Concen: 8.356 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Apr 2021 00:30

Tot Ion:
Ion Ratio
83 100
85 64.

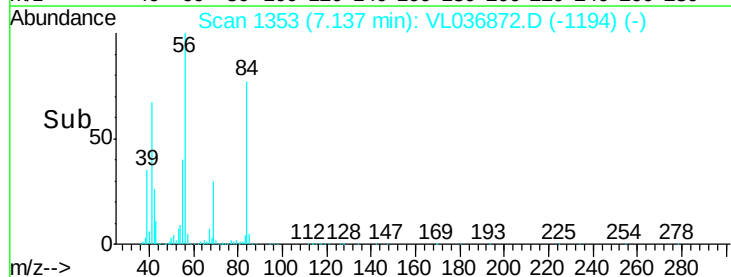
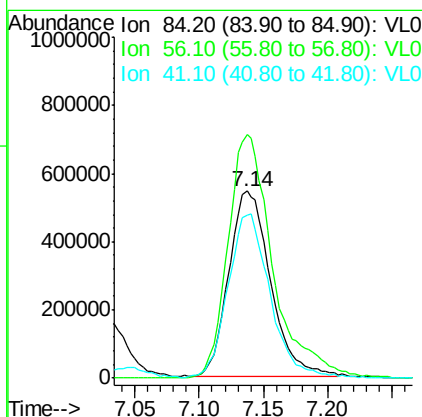
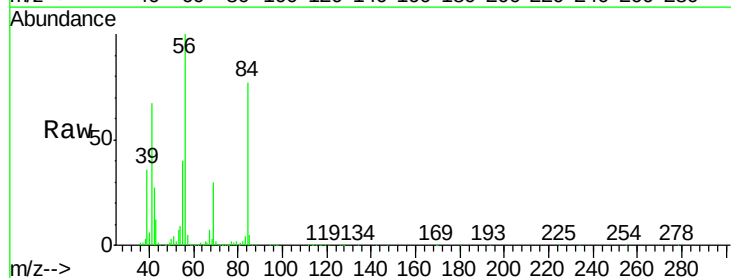
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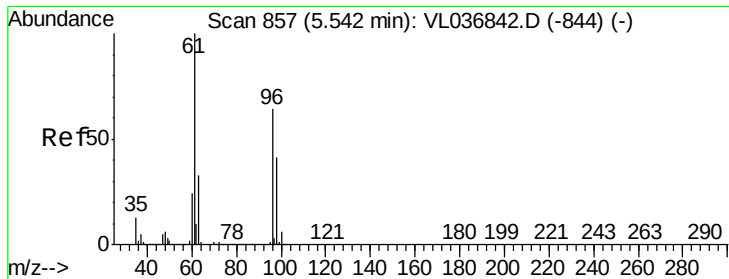
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#30
Cyclohexane
Concen: 8.845 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion: 84 Resp: 1220615
Ion Ratio Lower Upper
84 100
56 142.8 115.8 173.6
41 89.0 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 9.101 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Apr 2021 00:30 VSTDCCC010EC

Tot Ion:

Ion Ratio

61 100

96 63.

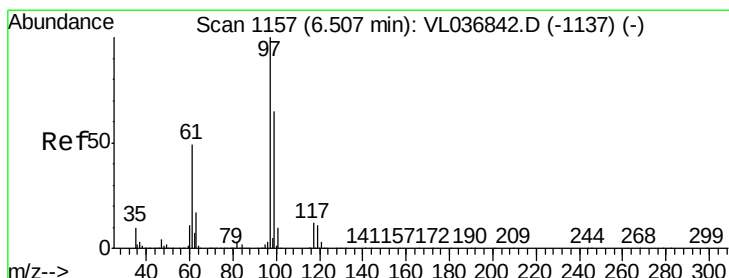
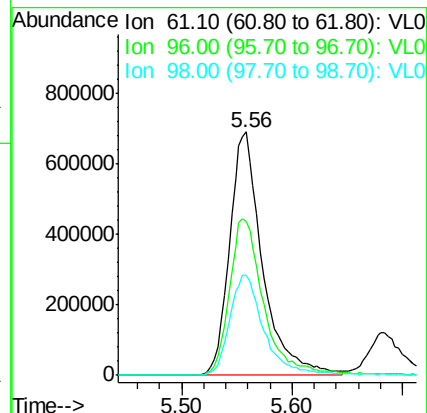
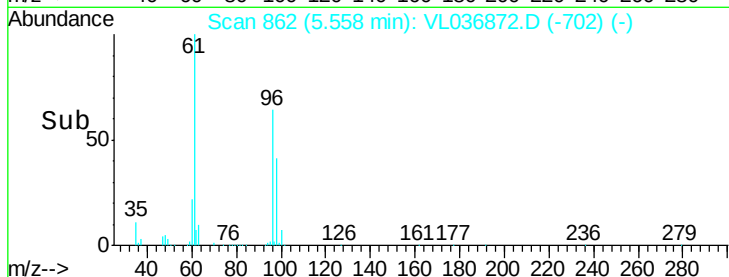
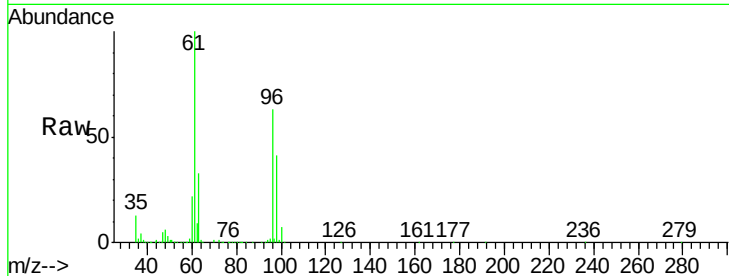
98 41.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#32

1,1,1-Trichloroethane

Concen: 8.408 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

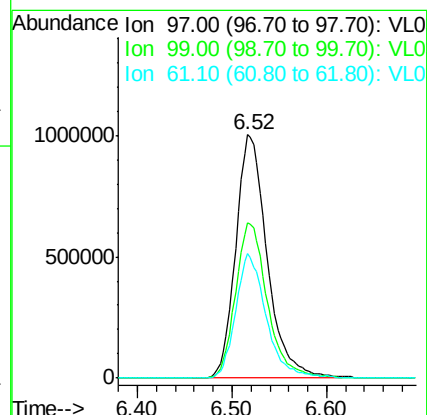
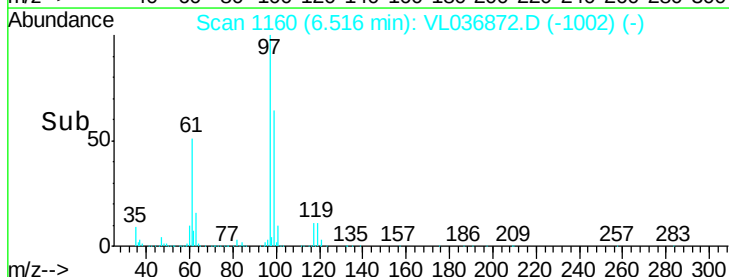
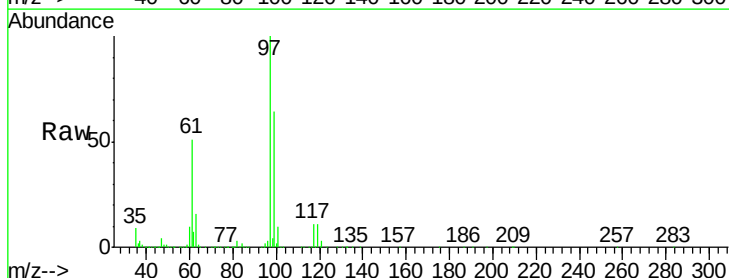
Tgt Ion: 97 Resp: 2319781

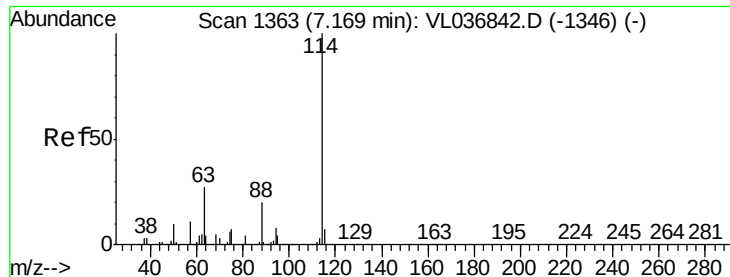
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

61 49.5 40.8 61.2



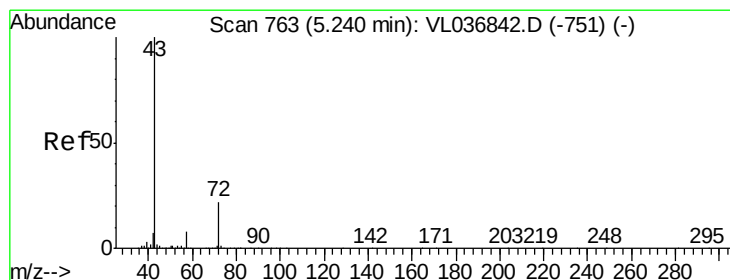
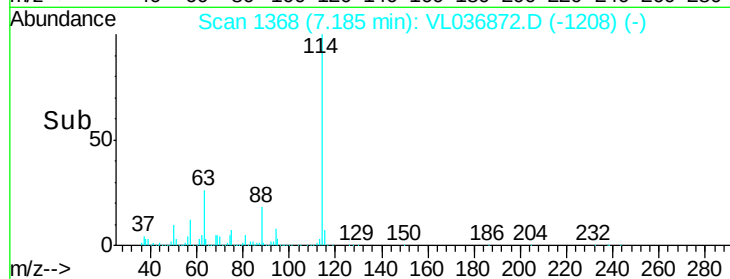
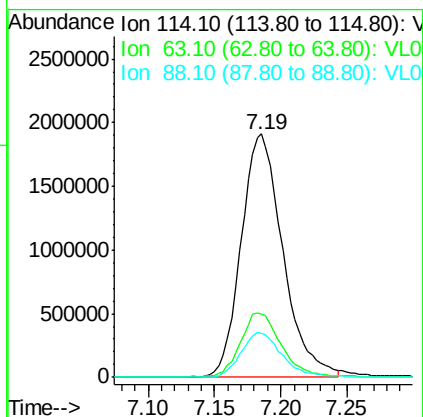
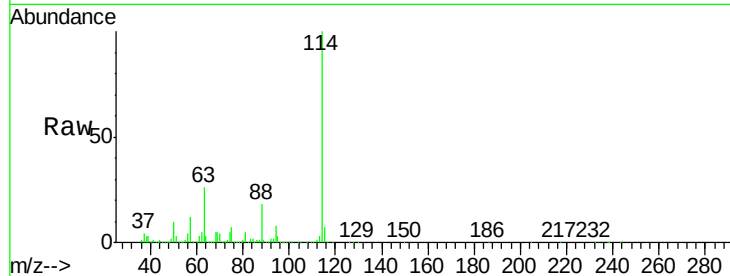


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument : MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Apr 2021 00:30

Tot Ion:1
 Ion Rati
 114 100
 63 26.
 88 18.

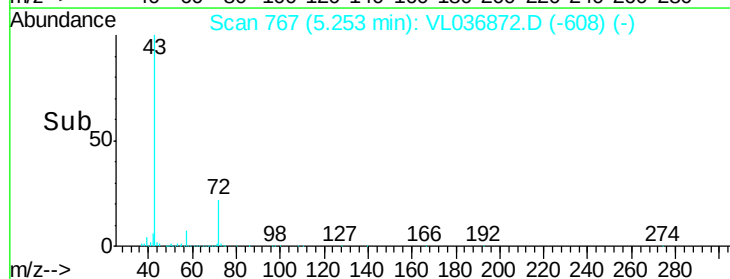
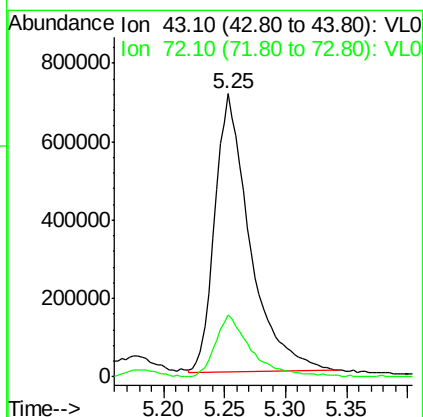
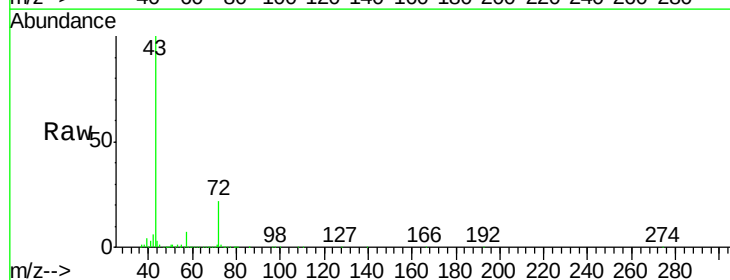
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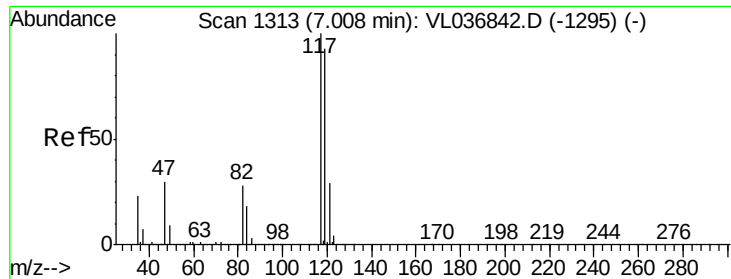
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#34
 2-Butanone
 Concen: 7.838 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion: 43 Resp: 1436599
 Ion Ratio Lower Upper
 43 100
 72 22.8 17.6 26.4



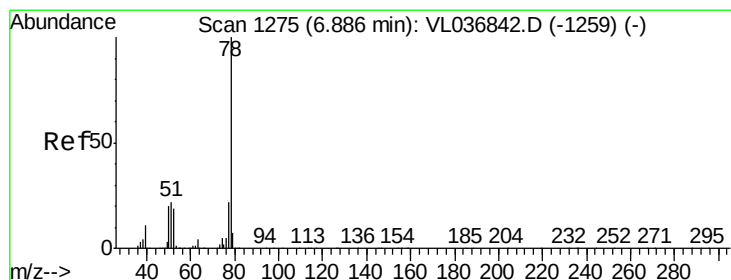
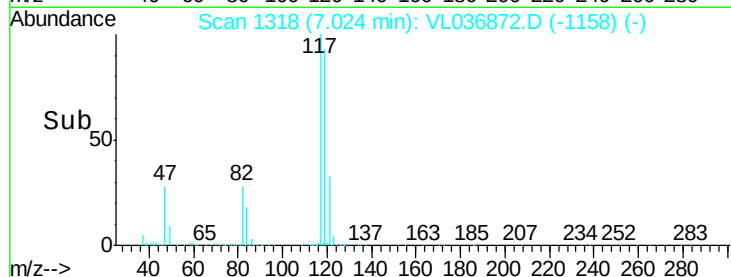
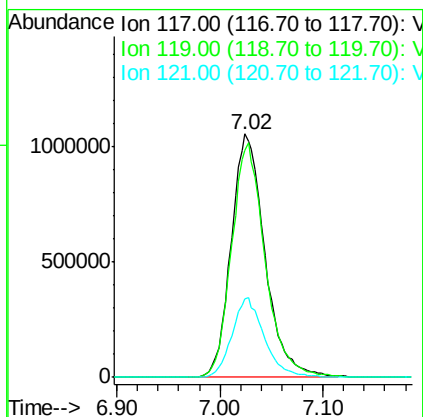
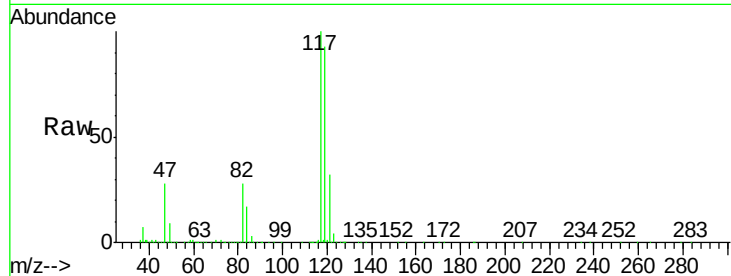


#35
Carbon Tetrachloride
Concen: 8.475 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 28 Apr 2021 00:30

Tot Ion:1
Ion Rati
117 100
119 93.
121 32.

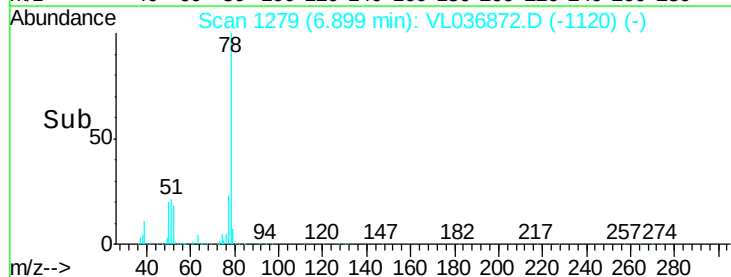
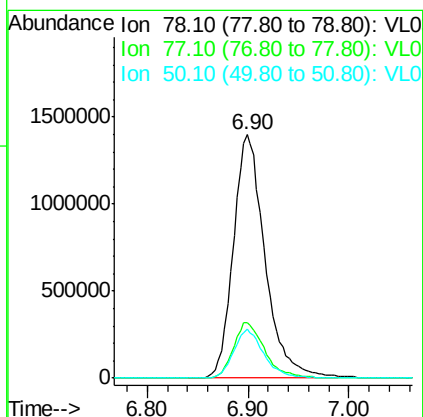
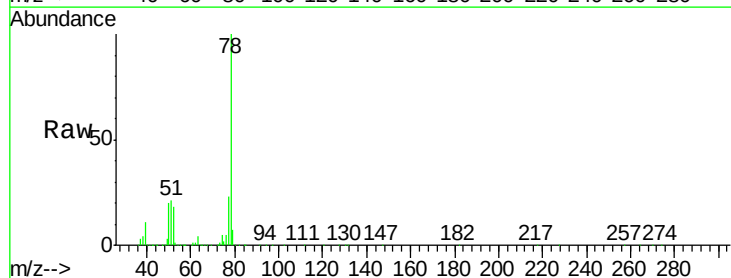
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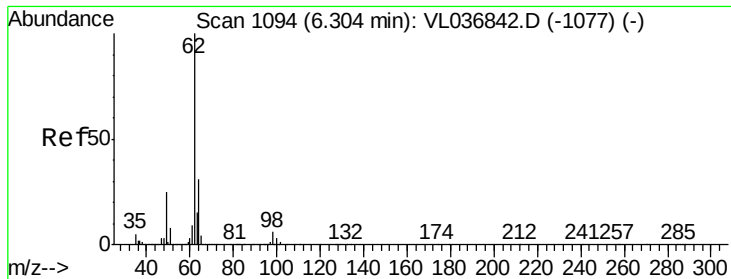
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#36
Benzene
Concen: 8.632 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion: 78 Resp: 3043269
Ion Ratio Lower Upper
78 100
77 22.9 17.6 26.4
50 20.0 16.3 24.5





#37

1,2-Dichloroethane

Concen: 8.507 ppbv

RT: 6.31

Instrument: MSVOA_L

Delta R.T. 0.02

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 28 Apr 2021 00:30

Tot Ion:

Ion Ratio

62 100

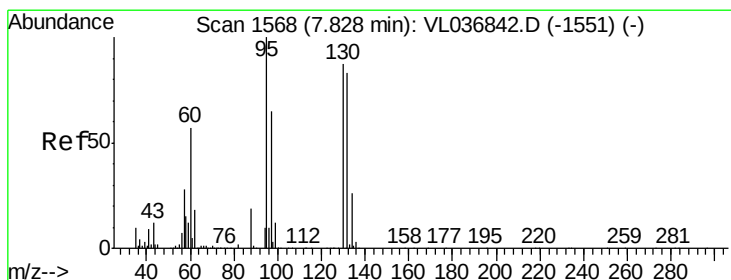
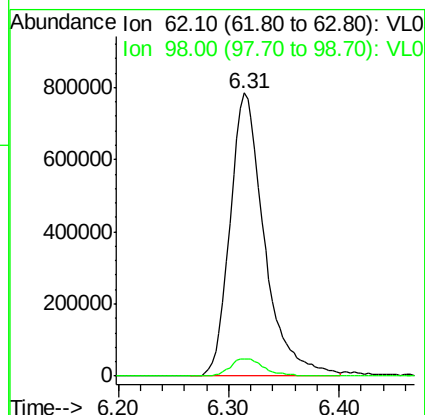
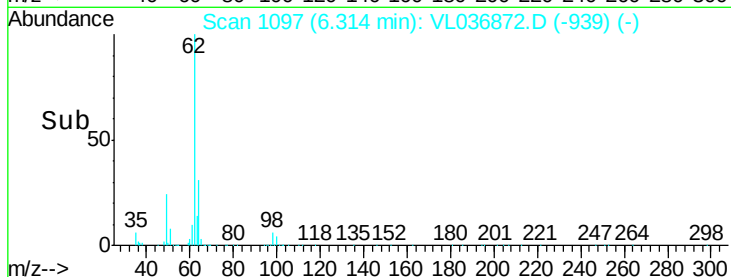
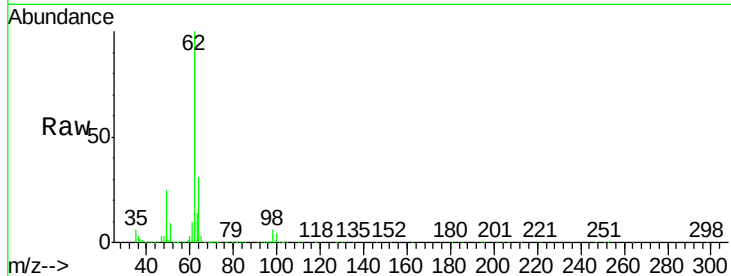
98 6.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#38

Trichloroethene

Concen: 8.829 ppbv

RT: 7.84 min Scan# 1573

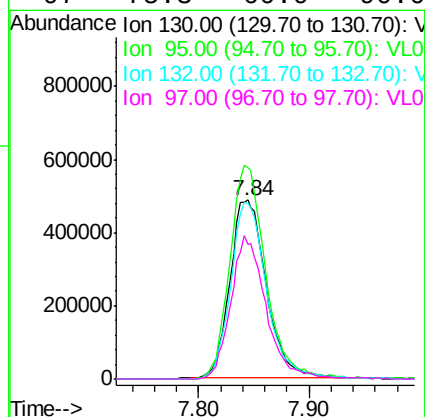
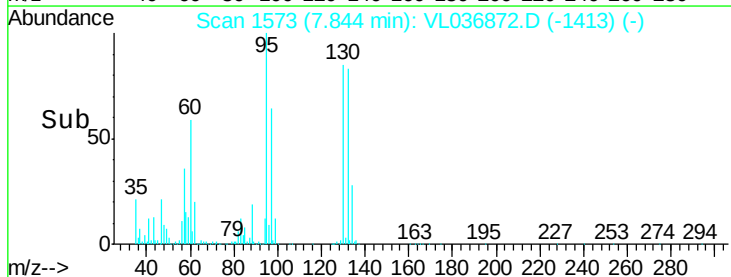
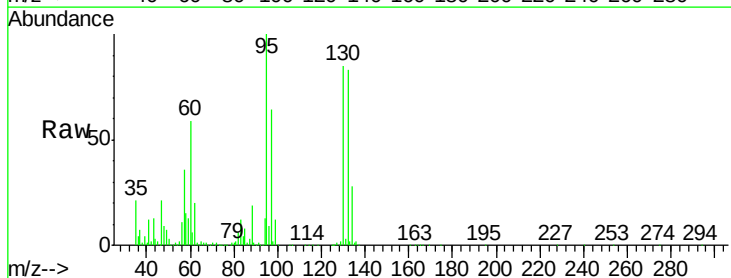
Delta R.T. 0.02 min

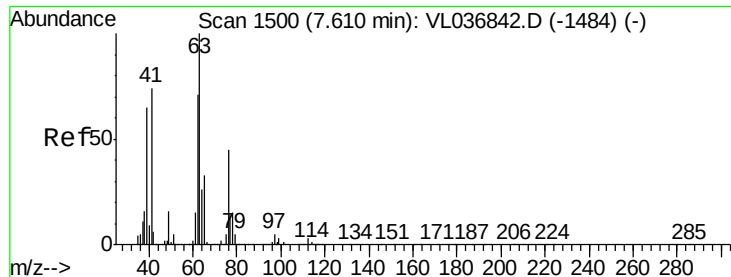
Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

Tgt Ion:130 Resp: 1108198

Ion	Ratio	Lower	Upper
130	100		
95	118.5	92.3	138.5
132	98.5	76.8	115.2
97	75.3	60.0	90.0



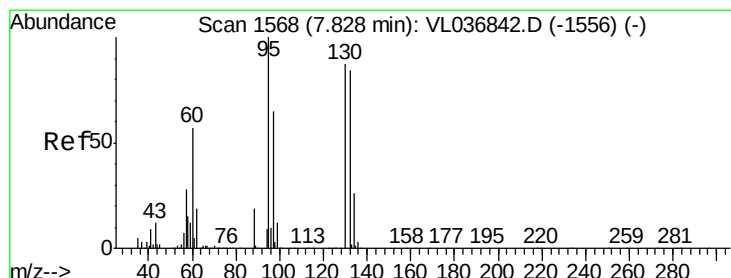
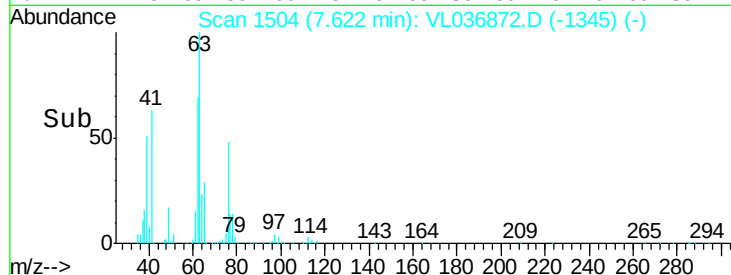
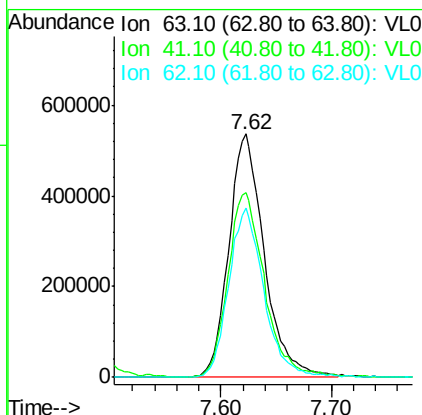
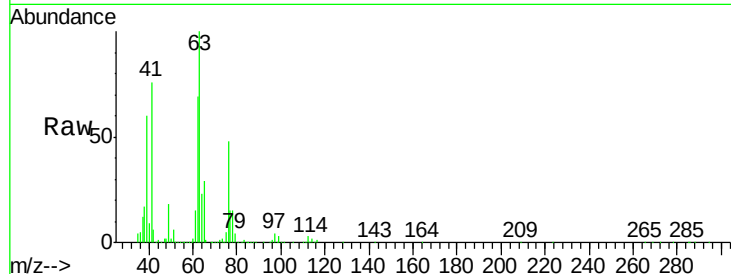


#39
 1,2-Dichloropropane
 Concen: 8.403 ppbv
 RT: 7.62
 Instrument : MSVOA_L
 Delta R.T.:
 ClientSampleId :
 Lab File: VSTDCCC010EC
 Acq: 28 Apr 2021 00:30

Tot Ion:
 Ion Ratio
 63 100
 41 75.
 62 69.

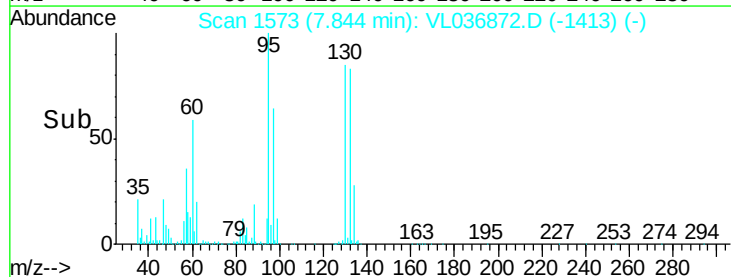
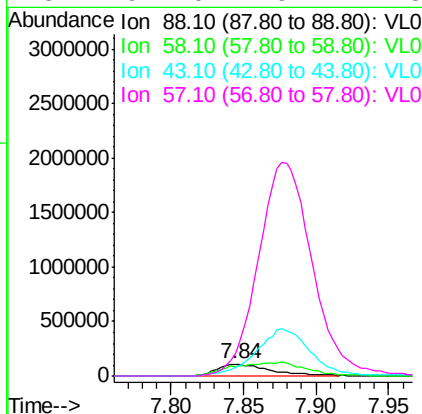
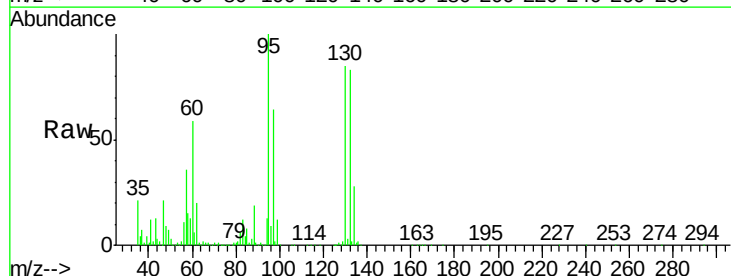
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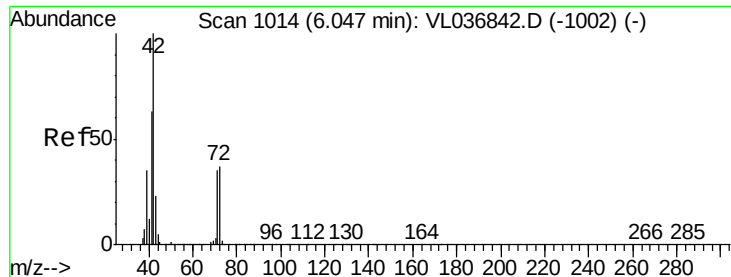
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#40
 1,4-Dioxane
 Concen: 7.701 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion: 88 Resp: 262654
 Ion Ratio Lower Upper
 88 100
 58 171.4 132.6 198.8
 43 436.0 331.5 497.3
 57 1941.9 1457.4 2186.0





#41

Tetrahydrofuran

Concen: 8.305 ppbv

RT: 6.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Apr 2021 00:30

Tot Ion:

Ion Ratio

42 100

72 36.

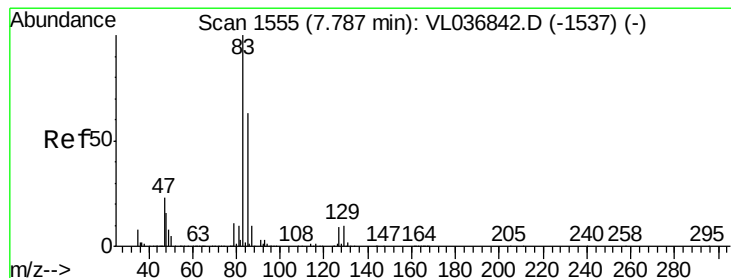
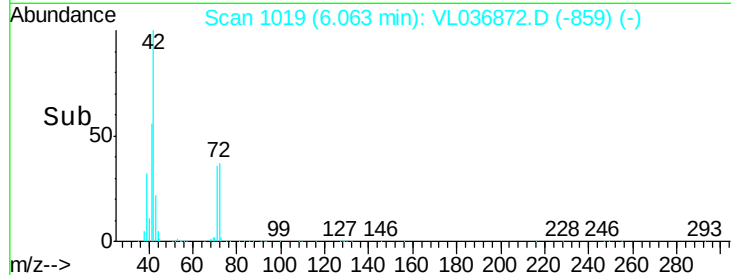
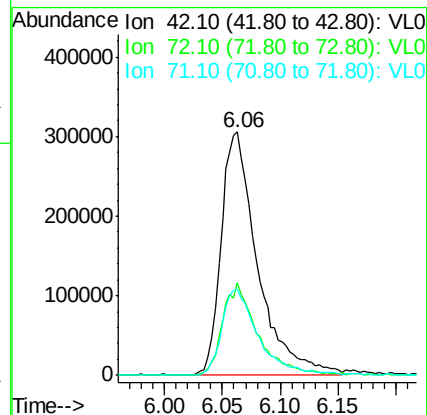
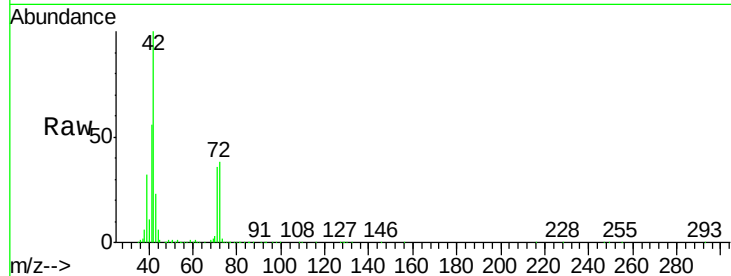
71 36.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#42

Bromodichloromethane

Concen: 8.662 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

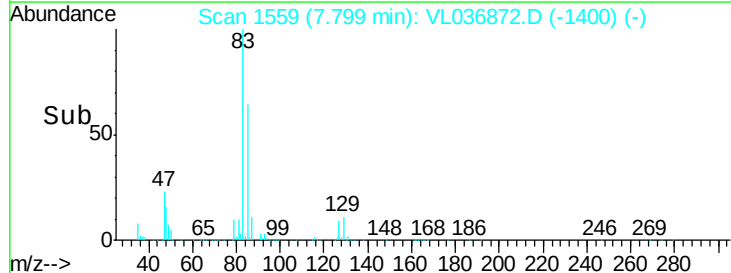
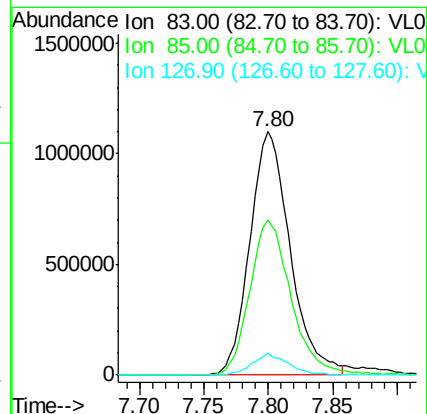
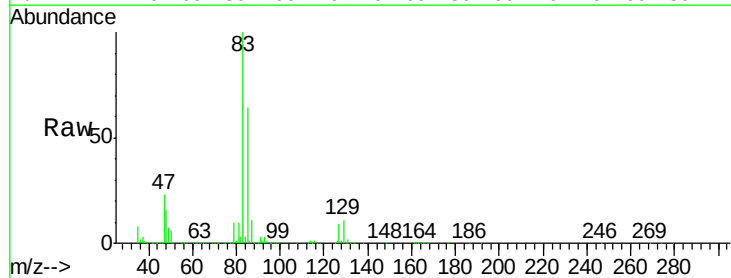
Tgt Ion: 83 Resp: 2402569

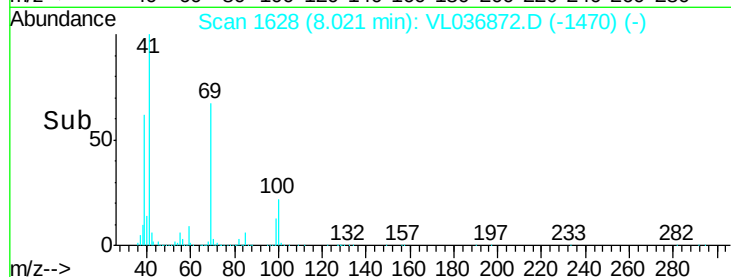
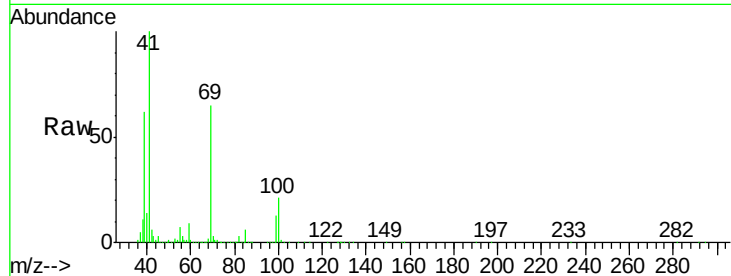
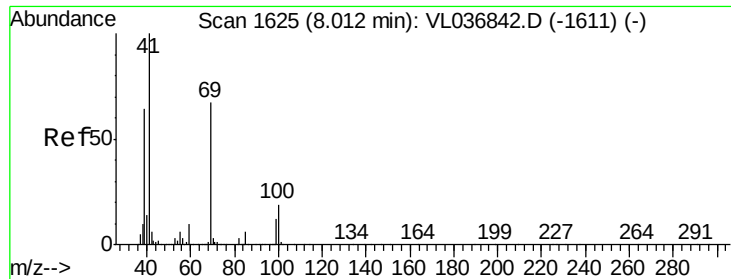
Ion Ratio Lower Upper

83 100

85 63.7 50.4 75.6

127 8.9 6.9 10.3





#43

Methyl Methacrylate

Concen: 9.898 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 28 Apr 2021 00:30

Tot Ion:

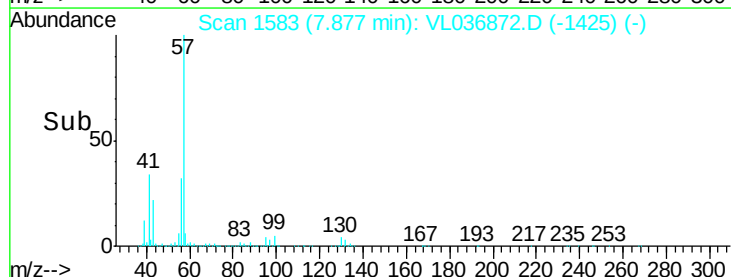
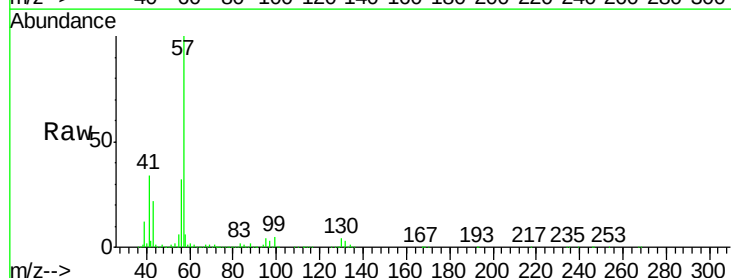
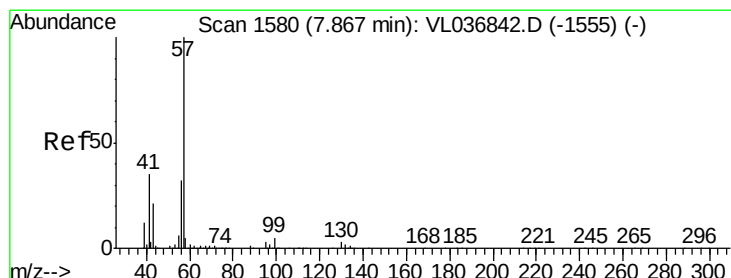
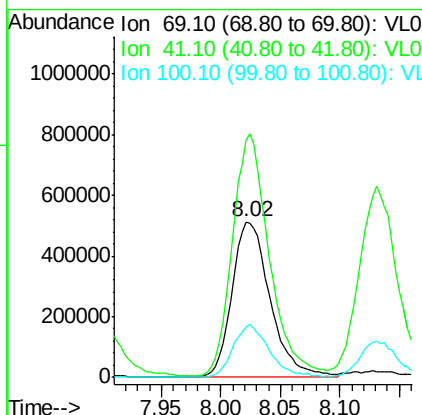
Ion	Ratio
69	100
41	151.
100	32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#44

2,2,4-Trimethylpentane

Concen: 8.423 ppbv

RT: 7.88 min Scan# 1583

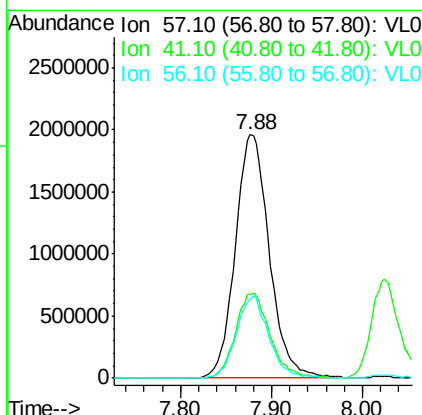
Delta R.T. 0.01 min

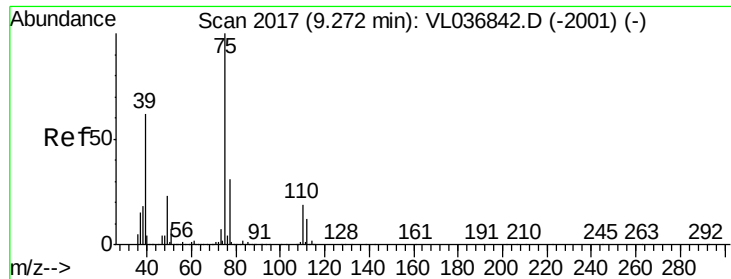
Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

Tgt Ion: 57 Resp: 5089310

Ion	Ratio	Lower	Upper
57	100		
41	35.3	28.2	42.4
56	32.0	25.9	38.9



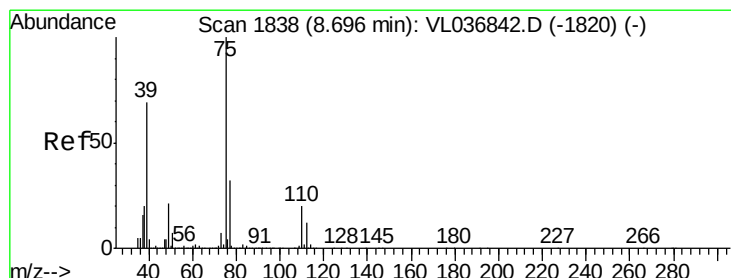
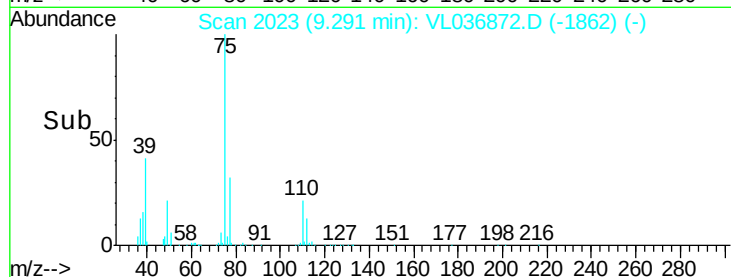
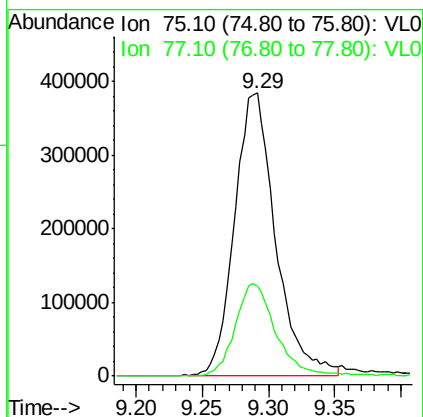
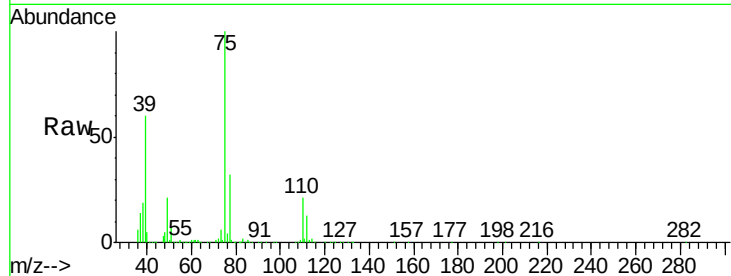


#45
 t-1,3-Dichloropropene
 Concen: 6.627 ppbv
 RT: 9.29
 Instrument : MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Apr 2021 00:30

Tot Ion:
 Ion Ratio
 75 100
 77 31.

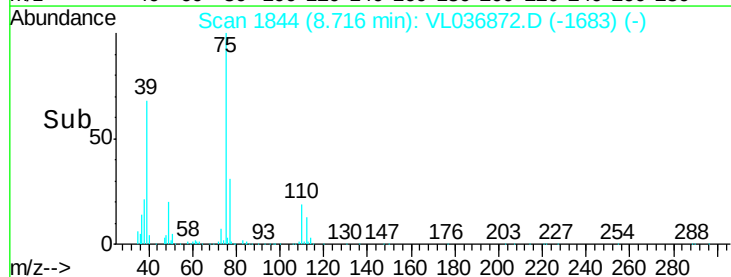
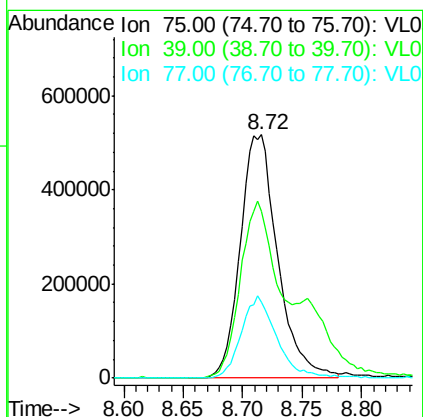
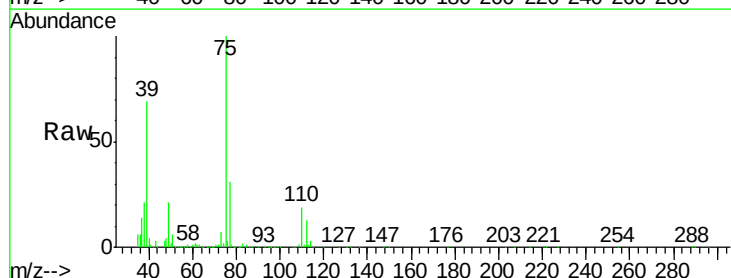
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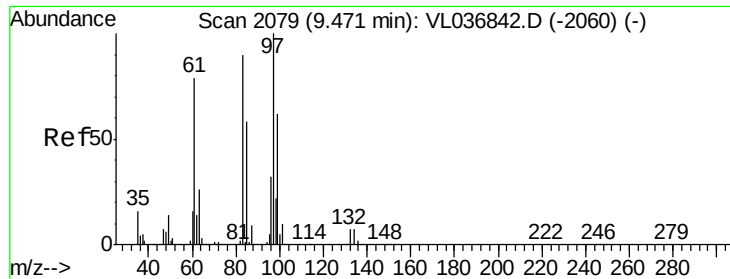
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#46
 cis-1,3-Dichloropropene
 Concen: 7.097 ppbv
 RT: 8.72 min Scan# 1844
 Delta R.T. 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion: 75 Resp: 1128393
 Ion Ratio Lower Upper
 75 100
 39 68.5 55.4 83.0
 77 31.0 25.2 37.8



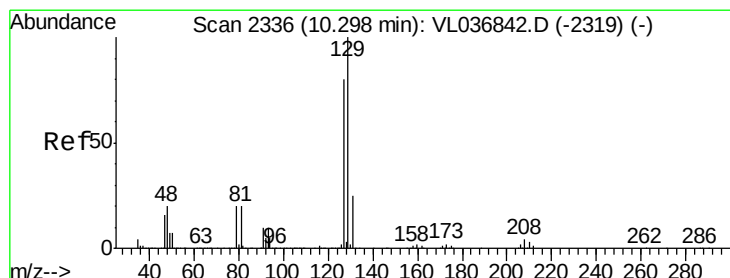
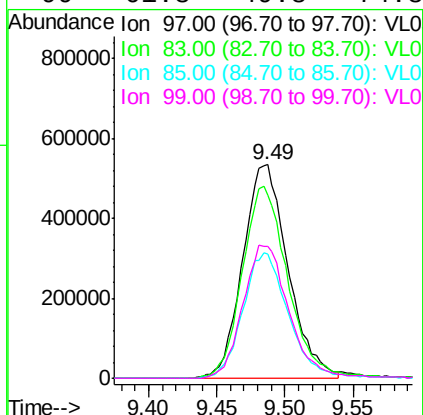
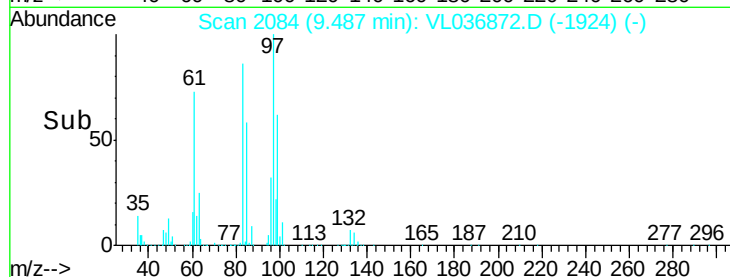
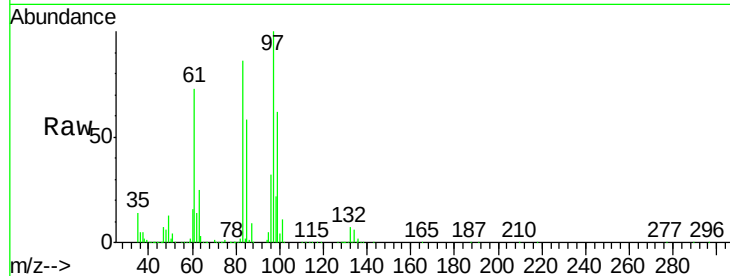


#47
 1,1,2-Trichloroethane
 Concen: 8.363 ppbv
 RT: 9.49 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Apr 2021 00:30

Manual Integrations
 APPROVED

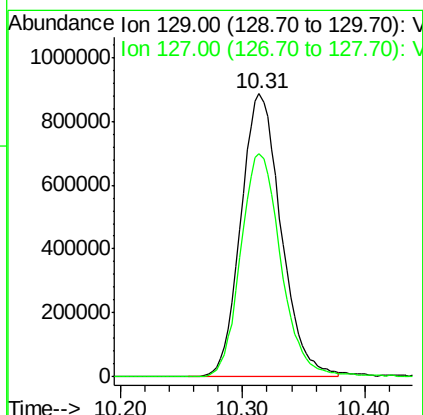
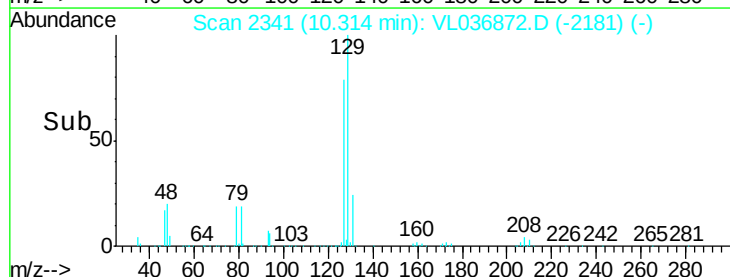
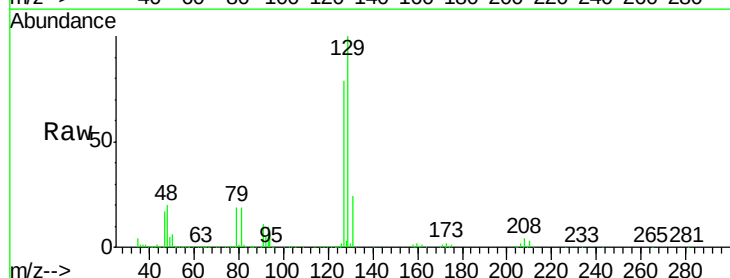
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021

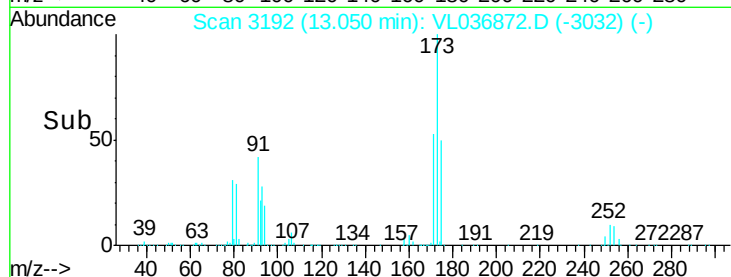
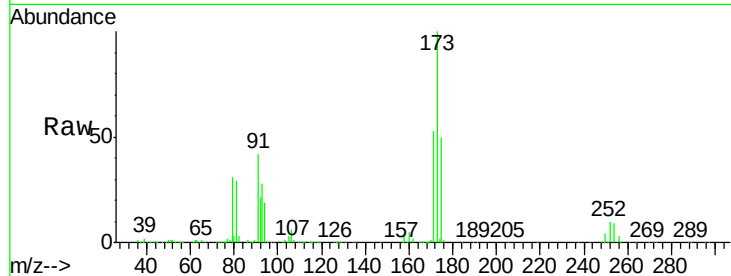
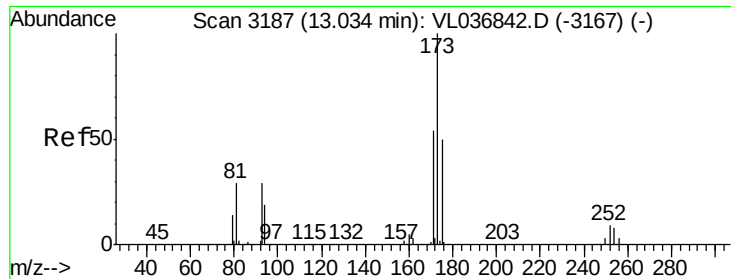
Tot Ion	Ion	Ratio
97	100	
83	85.	
85	58.	
99	61.8	49.8 74.8



#48
 Dibromochloromethane
 Concen: 9.309 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T.: 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	79.4		40.2	120.5





#49

Bromoform

Concen: 9.679 ppbv

RT: 13.05

Delta R.T.

Lab File:

Acq: 28 Apr 2021 00:30

Tot Ion:1

Ion Ratio

173 100

175 50.

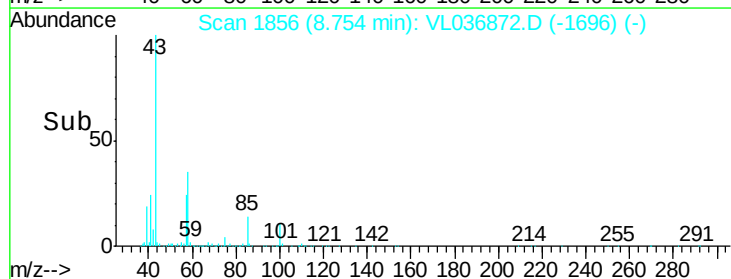
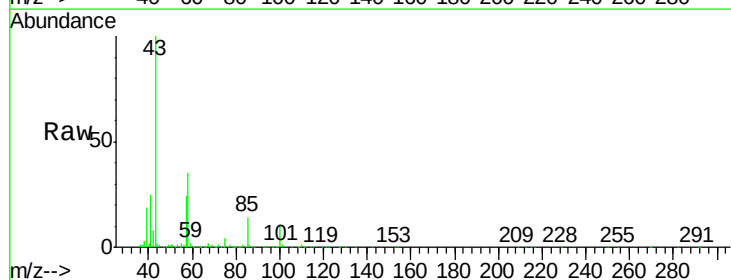
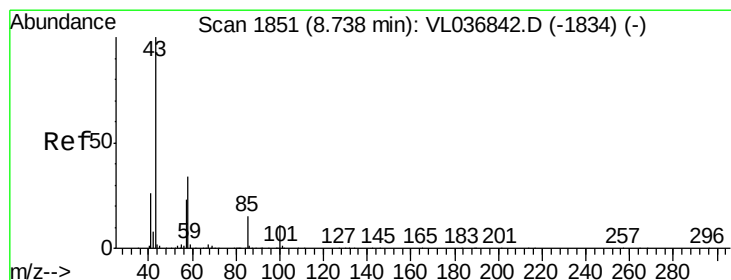
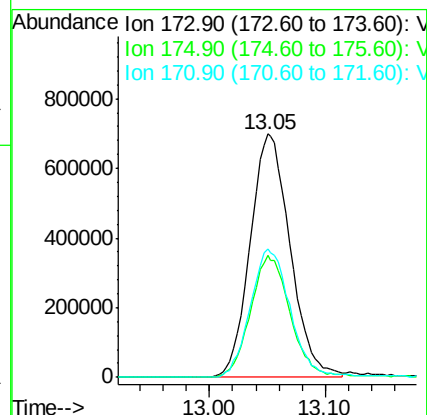
171 54.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#50

4-Methyl-2-Pentanone

Concen: 8.323 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.02 min

Lab File: VL036872.D

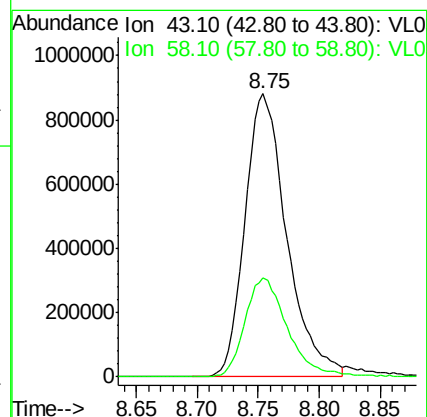
Acq: 28 Apr 2021 00:30

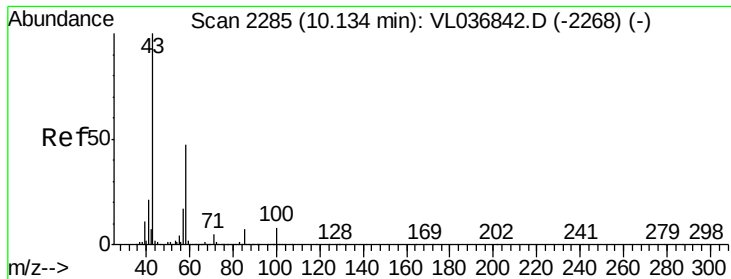
Tgt Ion: 43 Resp: 2085346

Ion Ratio Lower Upper

43 100

58 36.1 27.8 41.8



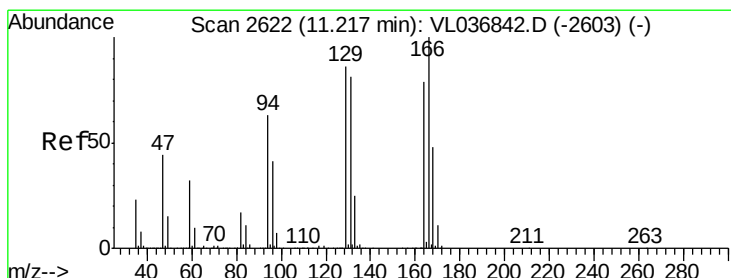
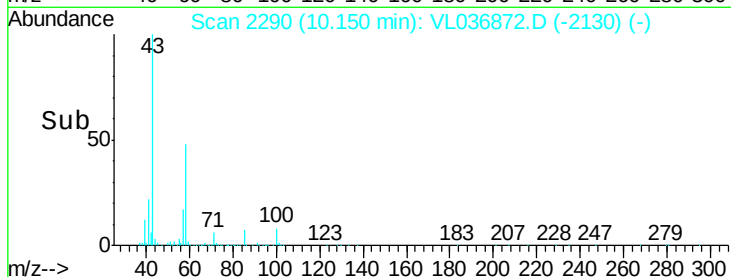
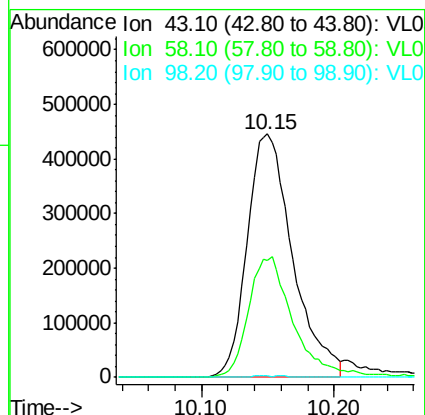
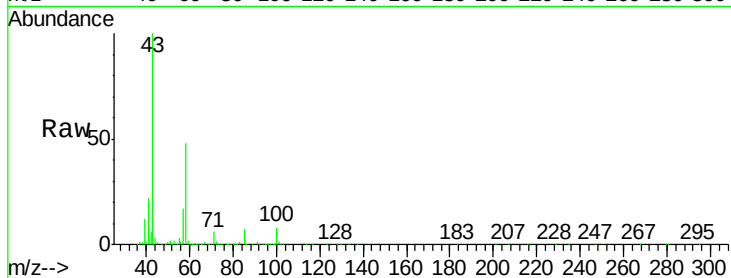


#51
2-Hexanone
Concen: 8.531 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Apr 2021 00:30 VSTDCCC010EC

Tot Ion:
Ion Ratio
43 100
58 49.
98 0.

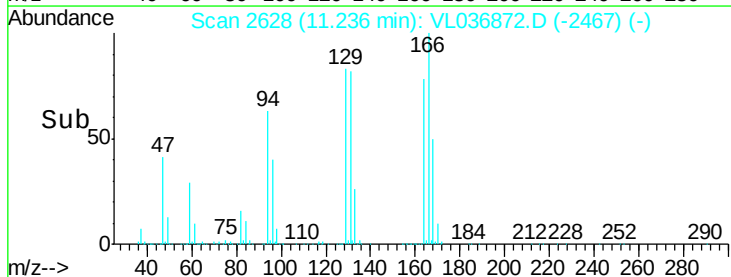
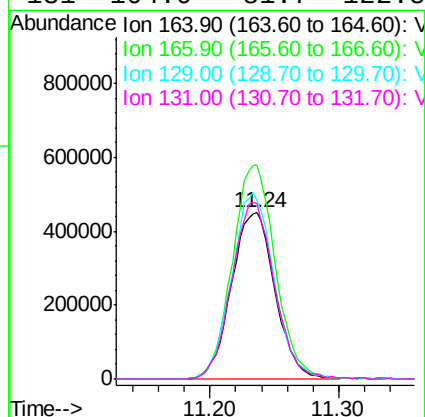
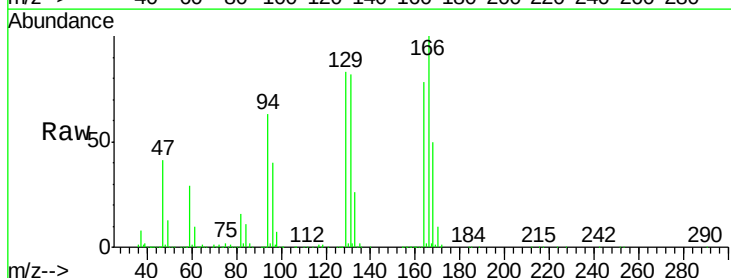
Manual Integrations
APPROVED

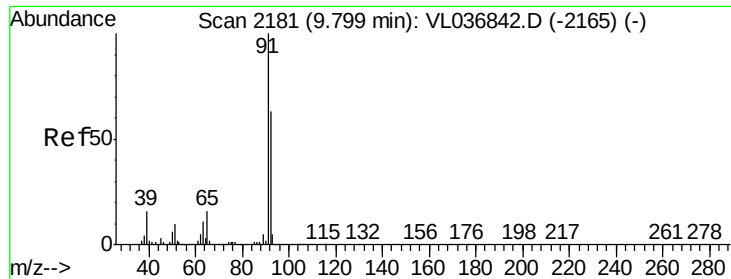
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#52
Tetrachloroethene
Concen: 8.714 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. 0.02 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion:164 Resp: 1046119
Ion Ratio Lower Upper
164 100
166 128.1 100.9 151.3
129 106.9 87.0 130.4
131 104.9 81.7 122.5





#53

Toluene

Concen: 9.243 ppbv

RT: 9.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Apr 2021 00:30

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

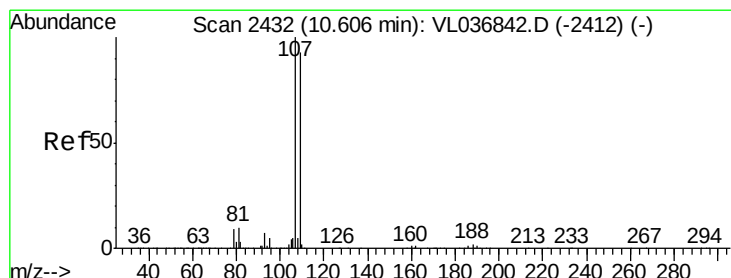
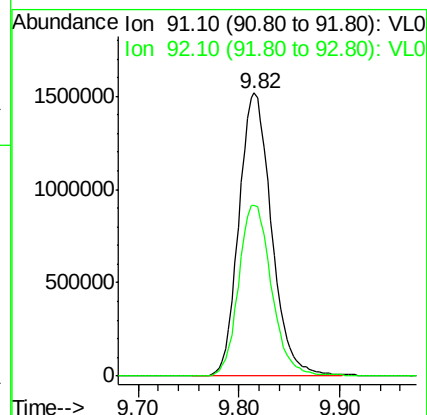
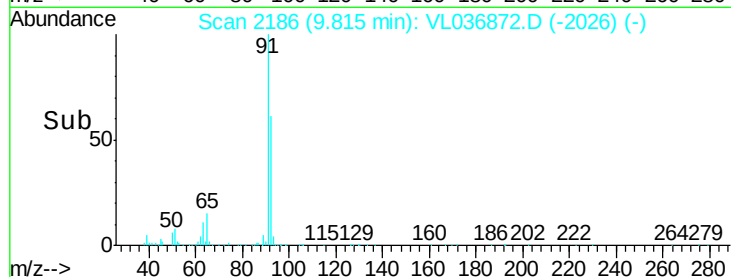
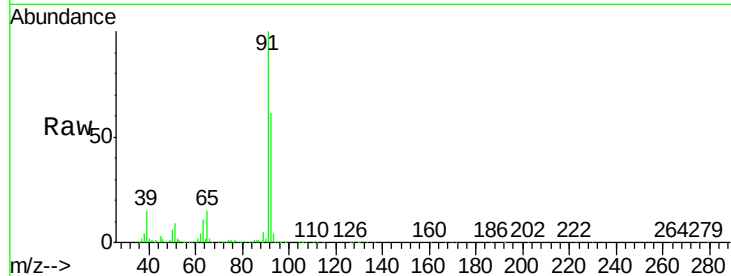
Supervised By :Mahesh Dadoda 04/29/2021

Tot Ion:

Ion Ratio

91 100

92 61.



#54

1,2-Dibromoethane

Concen: 8.369 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. 0.01 min

Lab File: VL036872.D

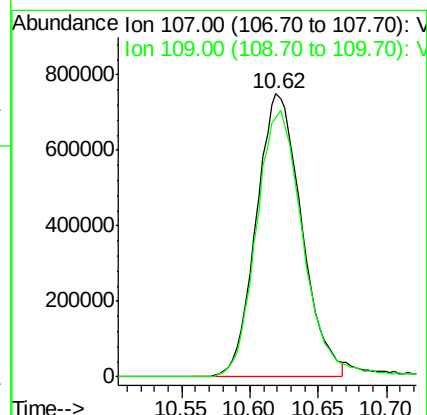
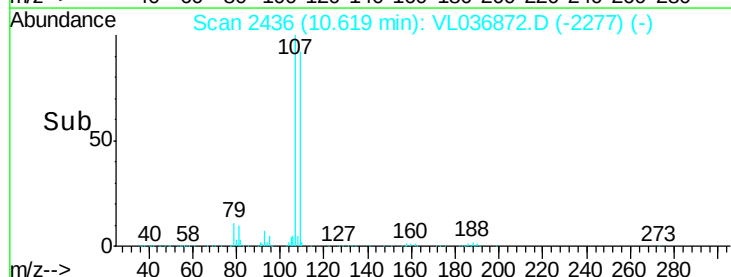
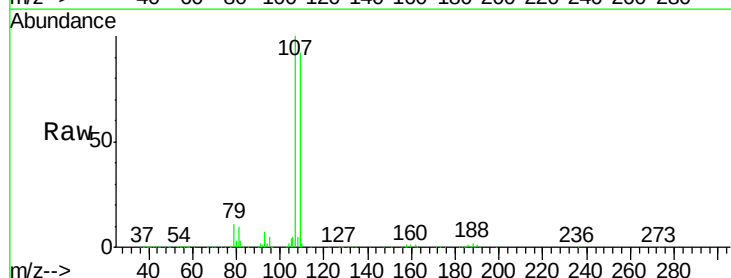
Acq: 28 Apr 2021 00:30

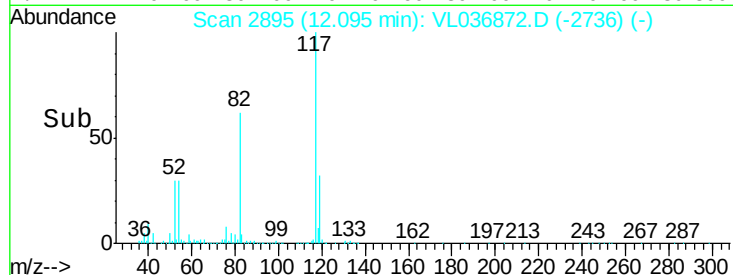
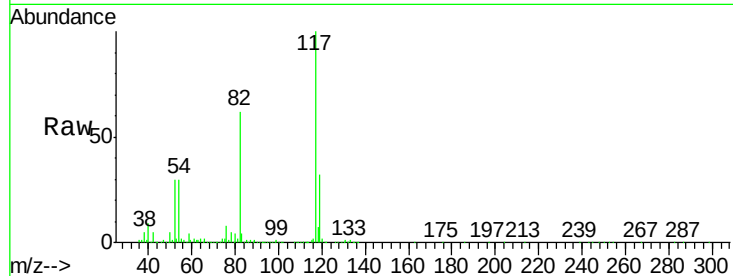
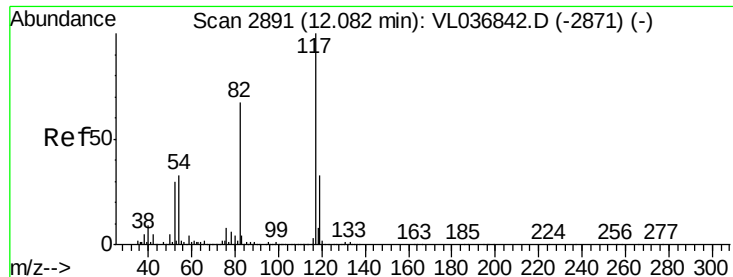
Tgt Ion:107 Resp: 1727795

Ion Ratio Lower Upper

107 100

109 91.6 74.7 112.1



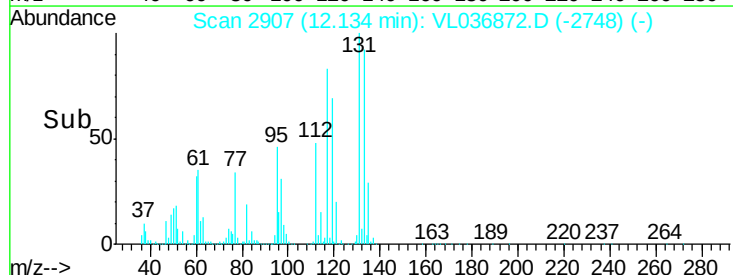
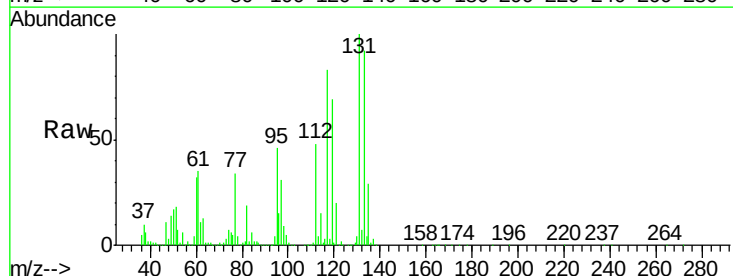
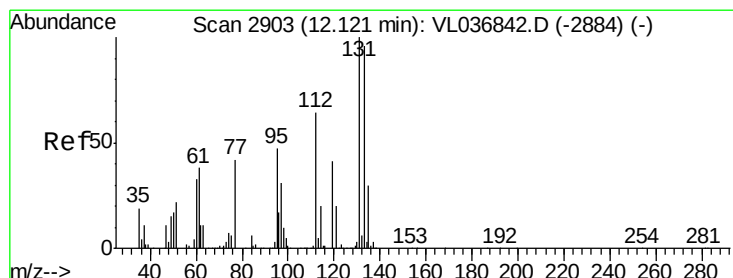
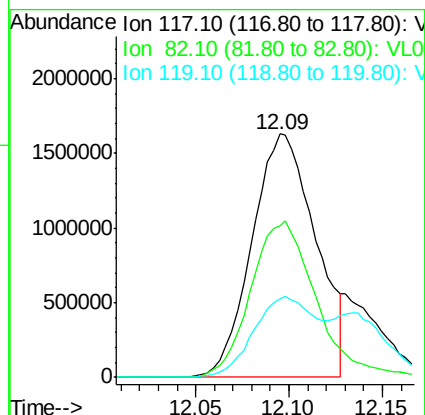


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 28 Apr 2021 00:30

Tot Ion:1
Ion Rati
117 100
82 67.
119 55.

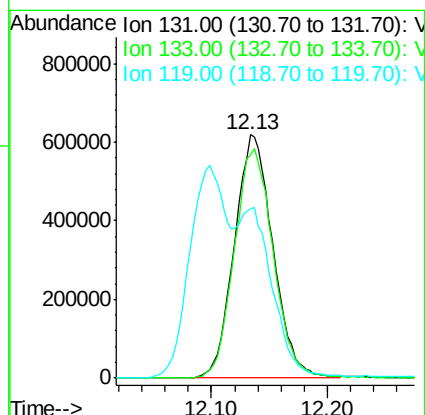
Manual Integrations
APPROVED

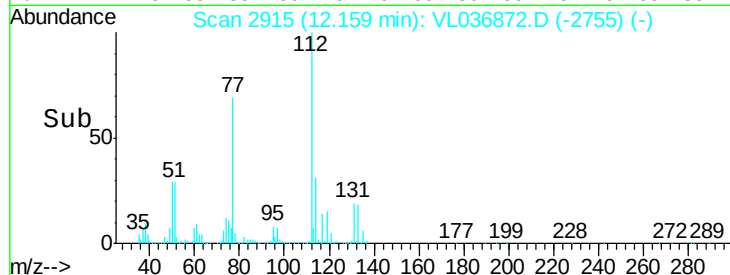
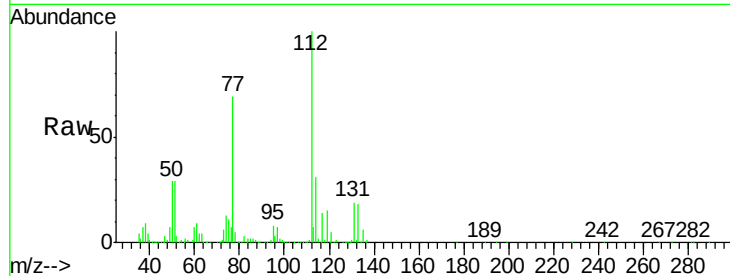
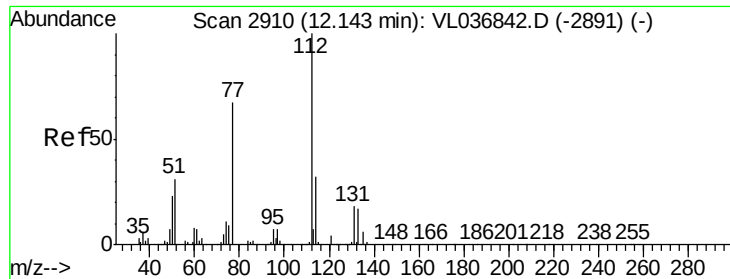
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 8.782 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion:131 Resp: 1419989
Ion Ratio Lower Upper
131 100
133 96.2 76.3 114.5
119 151.6 114.9 172.3



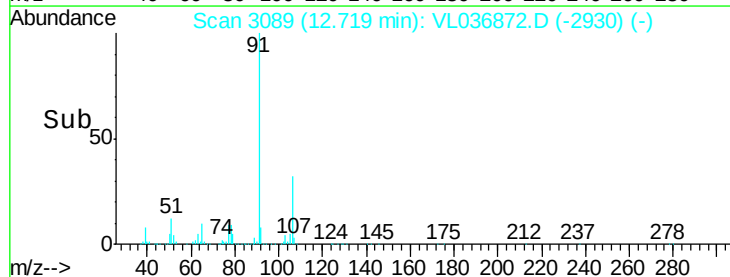
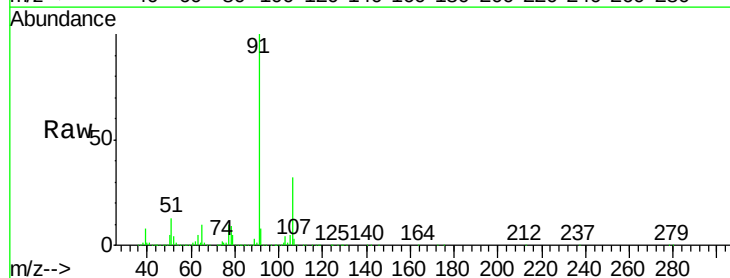
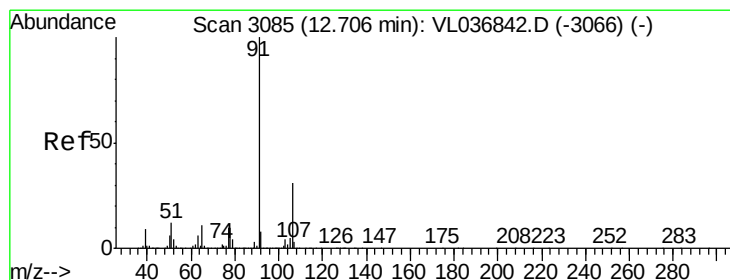
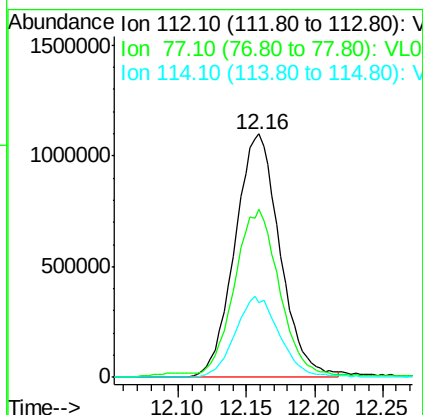


#57
Chlorobenzene
Concen: 8.342 ppbv
RT: 12.16 min
Instrument: MSVOA_L
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 28 Apr 2021 00:30

Tot Ion: 1
Ion Ratio
112 100
77 67.
114 30.

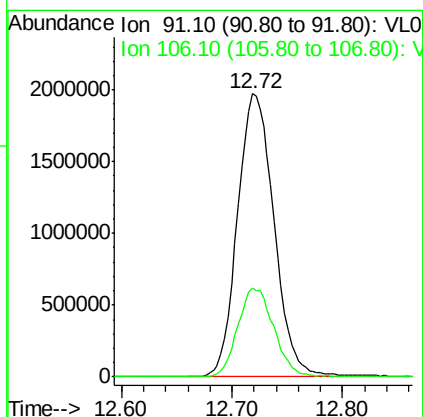
Manual Integrations
APPROVED

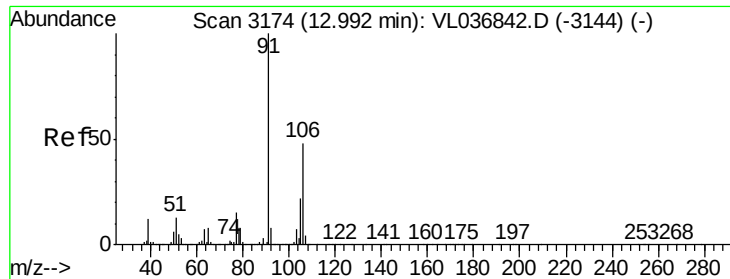
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#58
Ethyl Benzene
Concen: 9.260 ppbv
RT: 12.72 min Scan# 3089
Delta R.T.: 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion: 91 Resp: 4529722
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



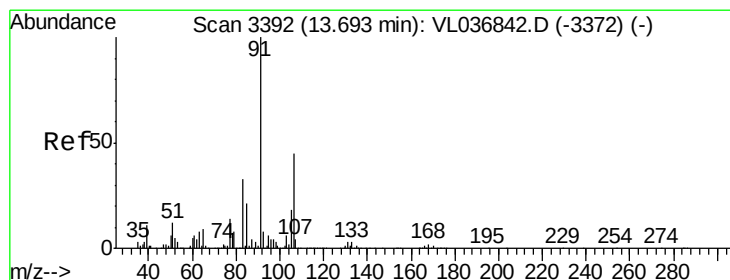
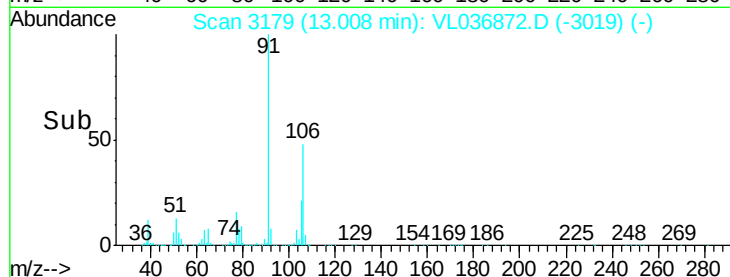
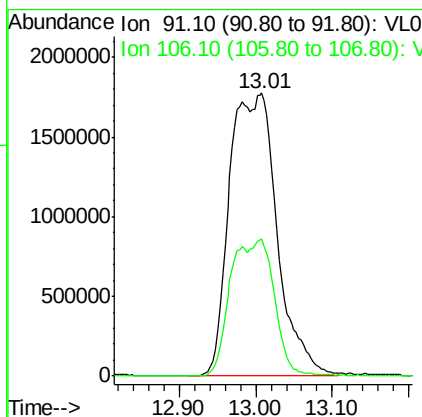
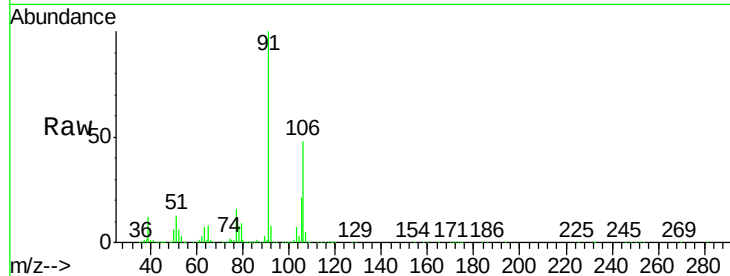


#59
m/p-Xylene
Concen: 17.579 ppbv m
RT: 13.01 min
Instrument: MSVOA_L
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 28 Apr 2021 00:30

Tot Ion:
Ion Ratio
91 100
106 44.

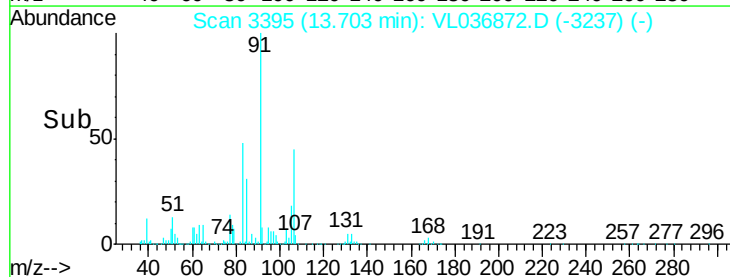
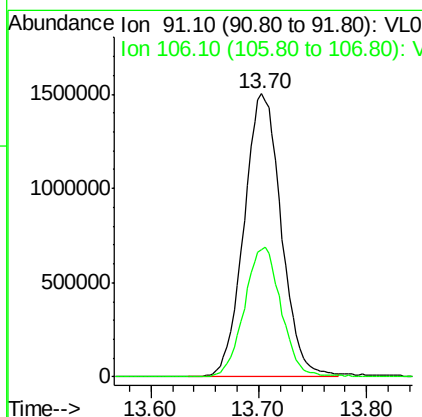
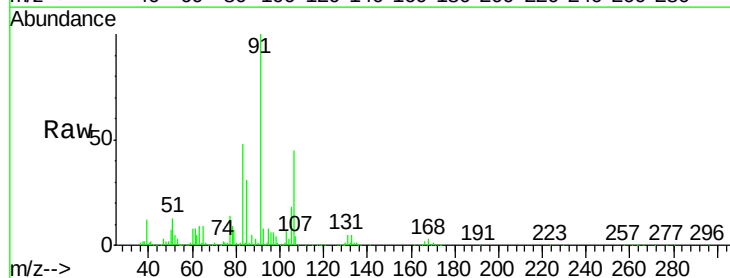
Manual Integrations
APPROVED

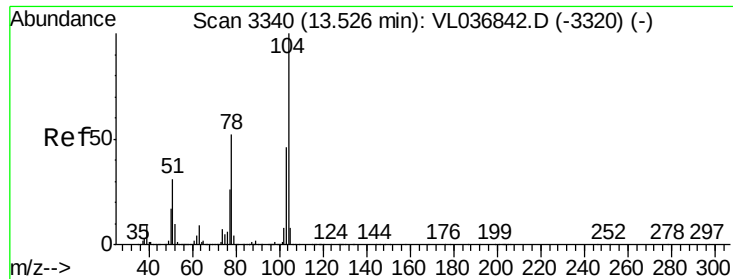
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#60
o-Xylene
Concen: 8.513 ppbv
RT: 13.70 min Scan# 3395
Delta R.T.: 0.01 min
Lab File: VL036872.D
Acq: 28 Apr 2021 00:30

Tgt Ion: 91 Resp: 3598907
Ion Ratio Lower Upper
91 100
106 45.4 22.6 67.7





#61

Stvrene

Concen: 9.859 ppbv

RT: 13.54

Delta R.T.

Lab File:

Acq: 28 Apr 2021 00:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021

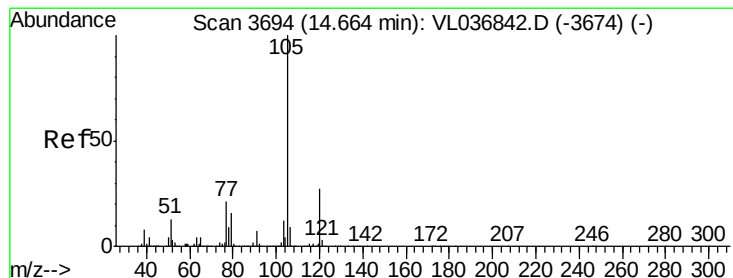
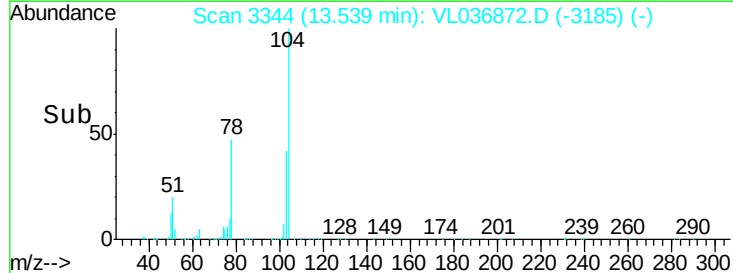
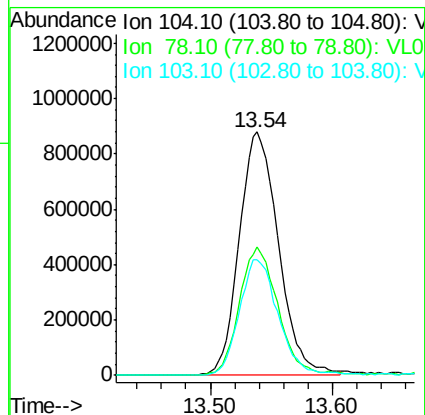
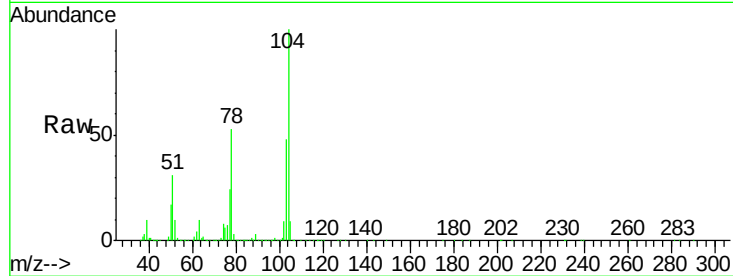
Tot Ion:1

Ion Rati

104 100

78 52.

103 47.



#62

Isopropylbenzene

Concen: 8.725 ppbv

RT: 14.68 min Scan# 3699

Delta R.T. 0.02 min

Lab File: VL036872.D

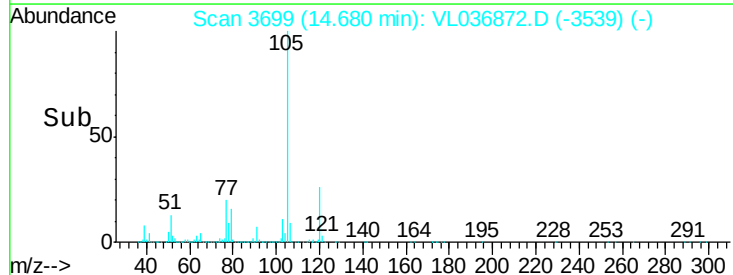
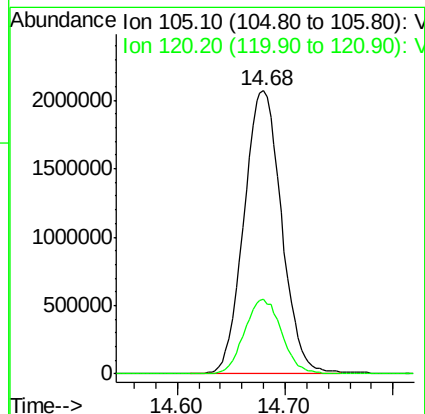
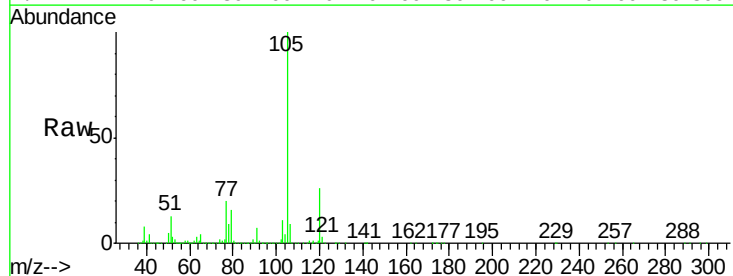
Acq: 28 Apr 2021 00:30

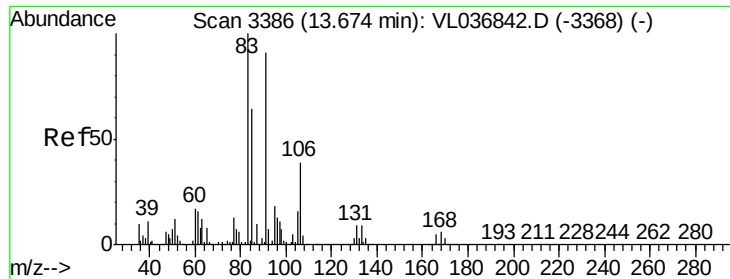
Tgt Ion:105 Resp: 5018635

Ion Ratio Lower Upper

105 100

120 26.3 21.1 31.7



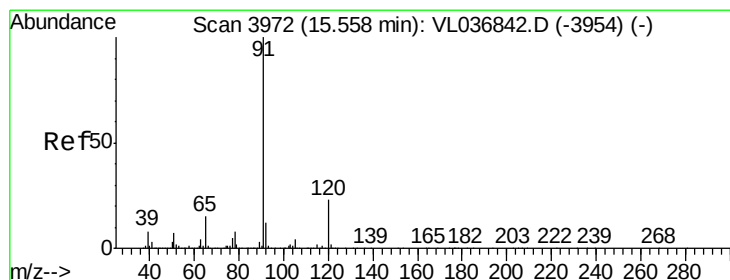
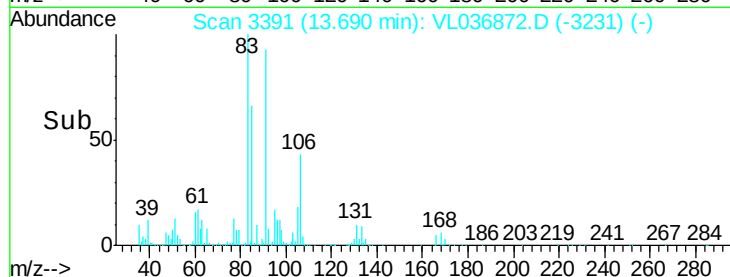
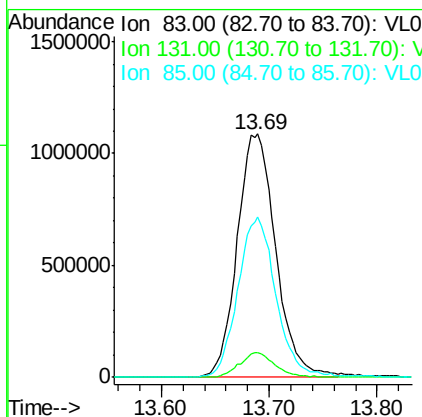
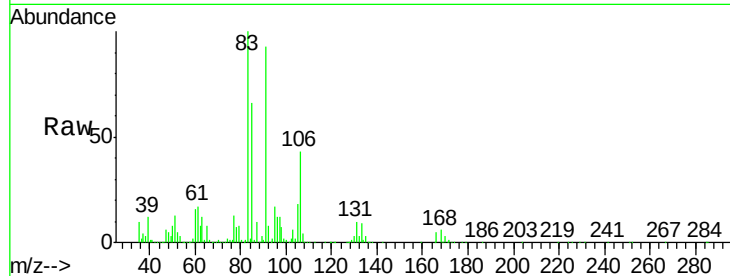


#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.978 ppbv
 RT: 13.69 min
 Delta R.T. 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Manual Integrations
 APPROVED

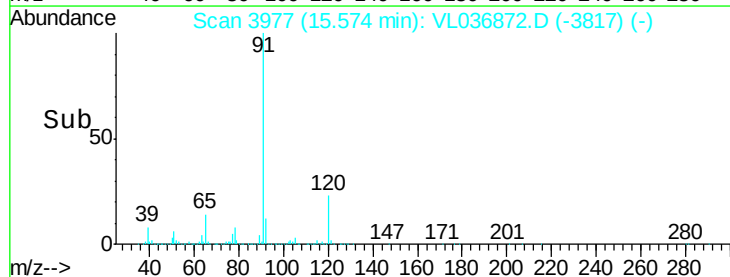
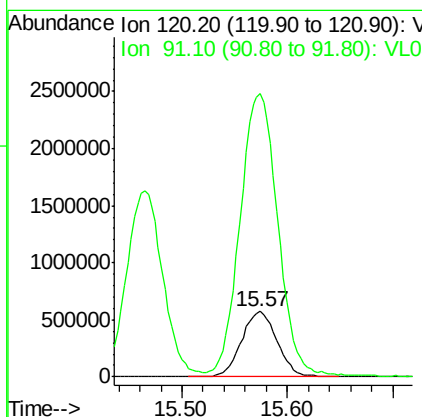
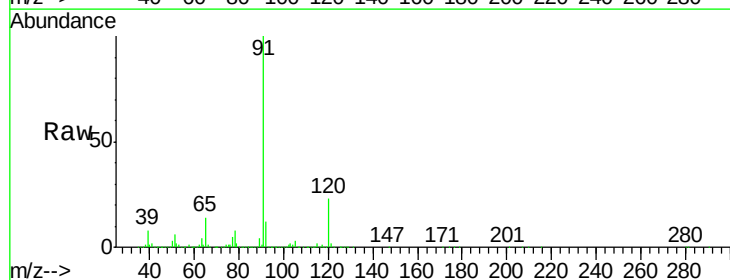
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021

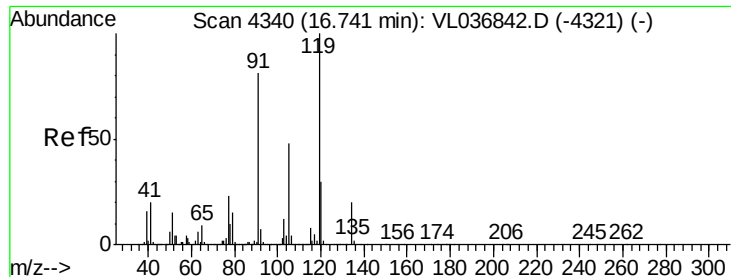
Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 65.



#64
 n-propylbenzene
 Concen: 9.385 ppbv
 RT: 15.57 min Scan# 3977
 Delta R.T. 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion:120 Resp: 1345380
 Ion Ratio Lower Upper
 120 100
 91 464.2 378.6 567.8





#65

tert-Butylbenzene

Concen: 8.685 ppbv

RT: 16.76

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Apr 2021 00:30

Tot Ion:1

Ion Rati

119 100

91 83.

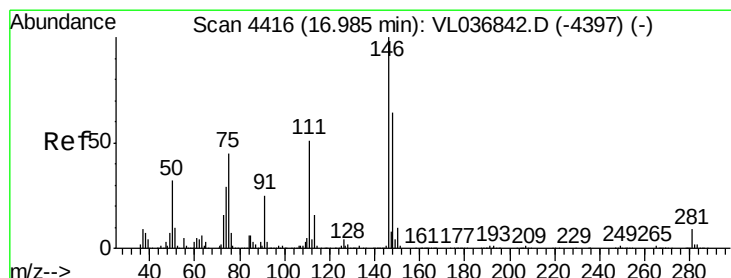
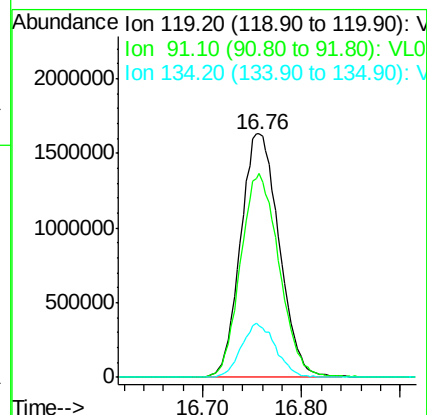
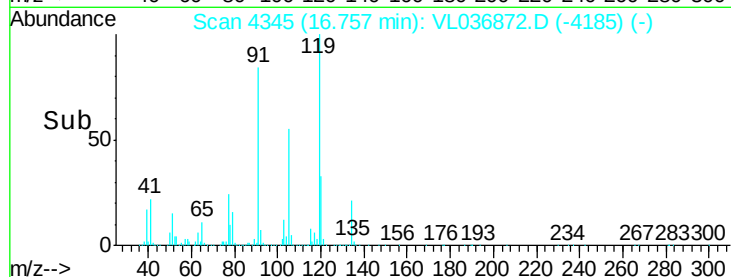
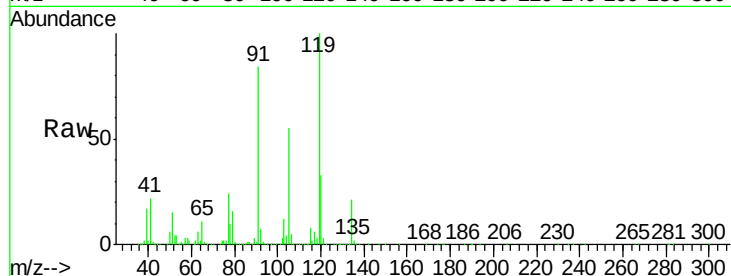
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#66

Benzyl Chloride

Concen: 6.655 ppbv

RT: 17.00 min Scan# 4420

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

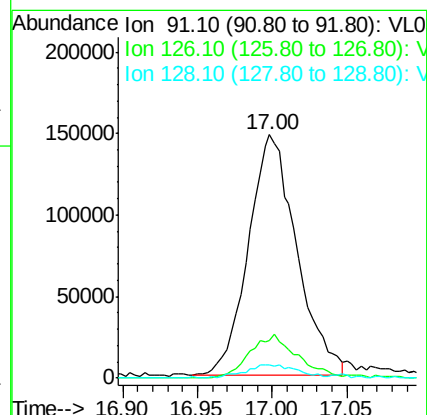
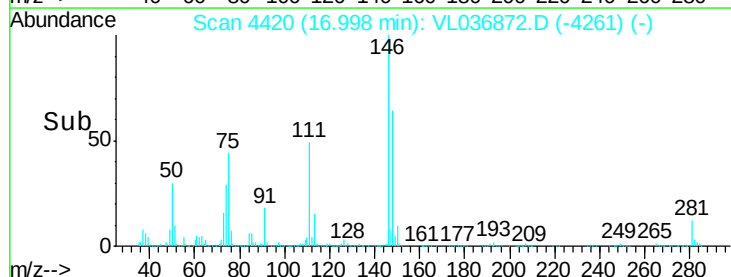
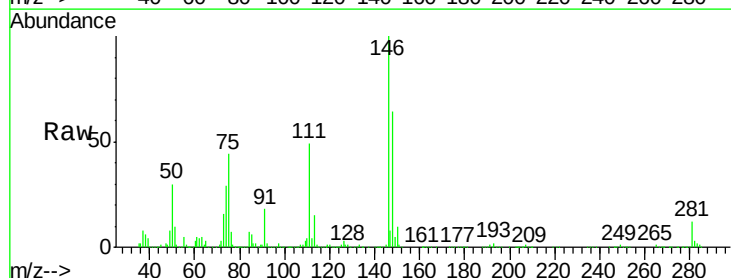
Tgt Ion: 91 Resp: 330898

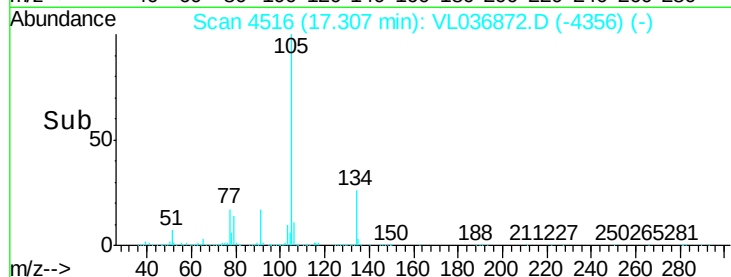
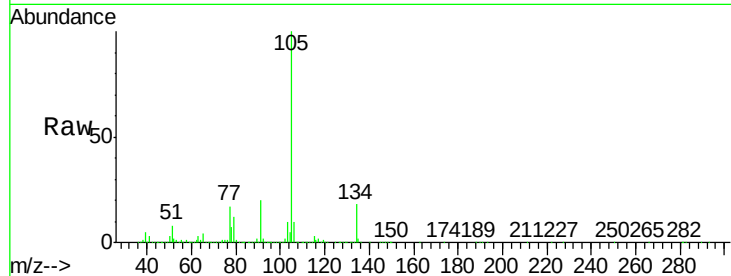
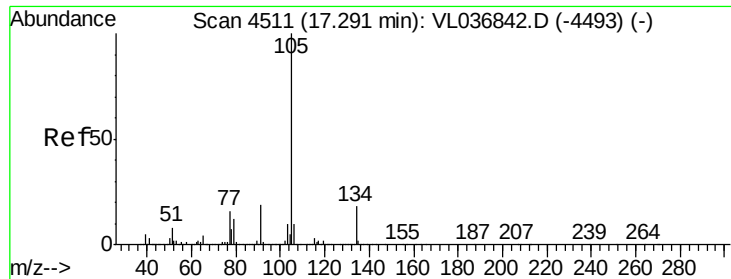
Ion Ratio Lower Upper

91 100

126 18.8 14.1 21.1

128 6.7 4.8 7.2



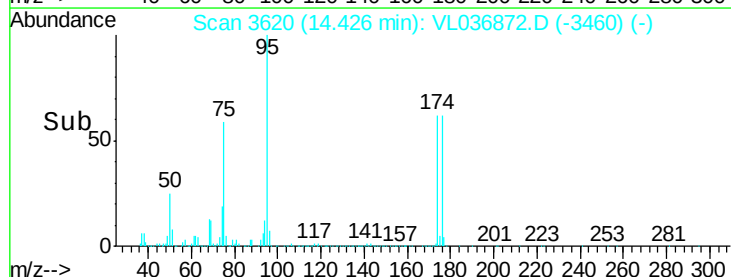
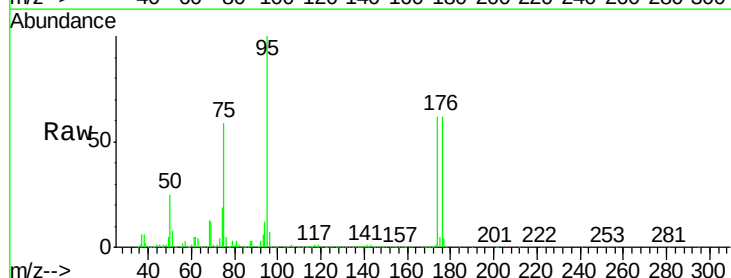
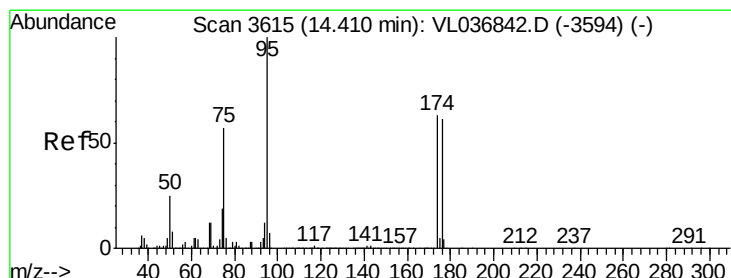
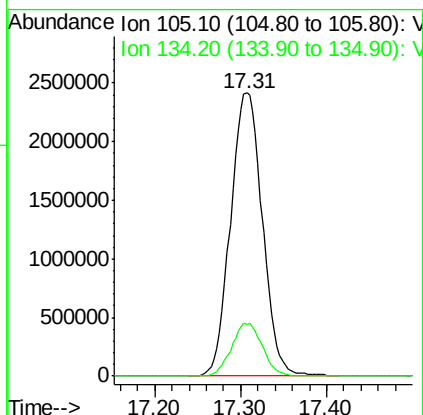


#67
 sec-Butylbenzene
 Concen: 8.788 ppbv
 RT: 17.31 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Apr 2021 00:30 VSTDCCC010EC

Tot Ion:1
 Ion Rati
 105 100
 134 18.

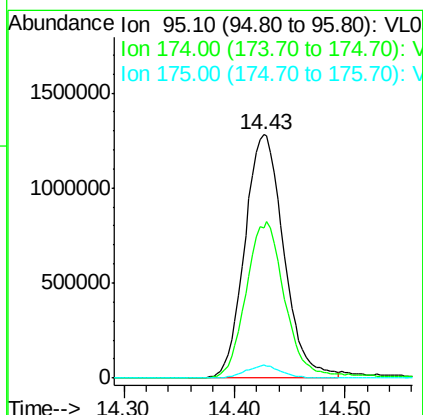
Manual Integrations
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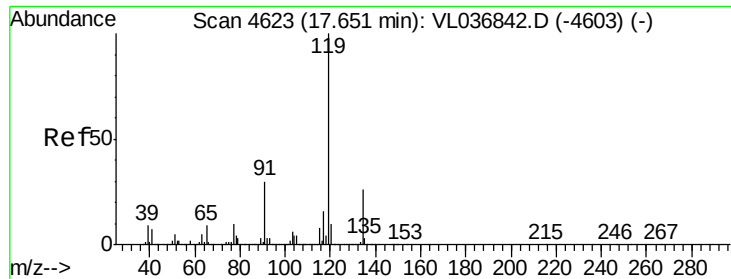
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.138 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion: 95 Resp: 3138841
 Ion Ratio Lower Upper
 95 100
 174 65.4 52.2 78.2
 175 4.9 4.0 6.0



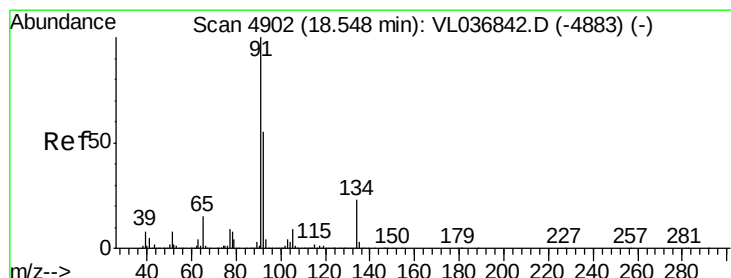
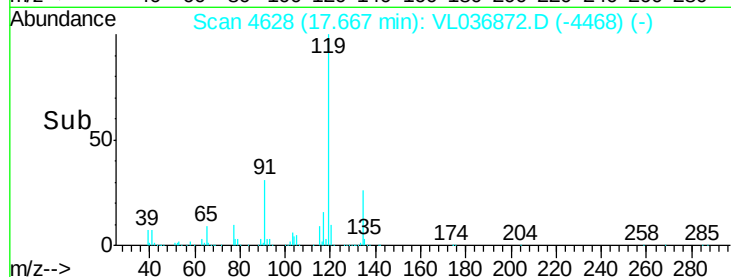
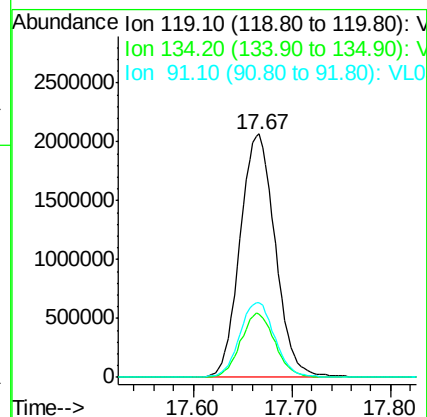
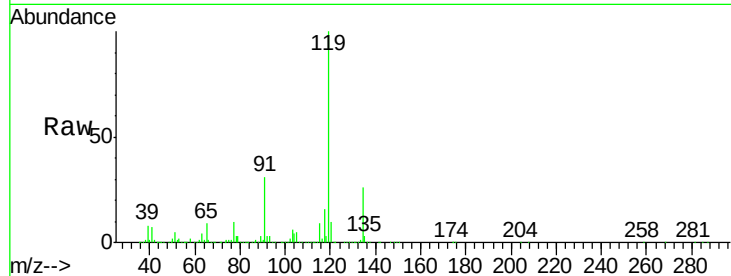


#69
 p-Isopropyltoluene
 Concen: 9.020 ppbv
 RT: 17.67 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 28 Apr 2021 00:30

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 30.

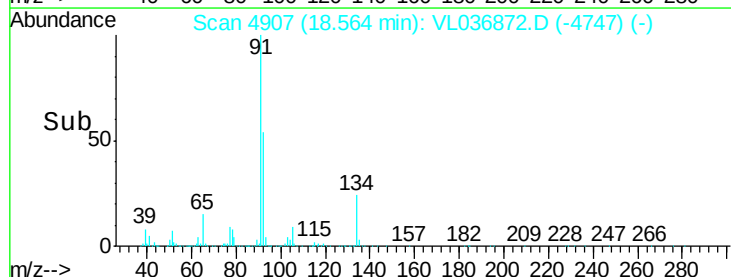
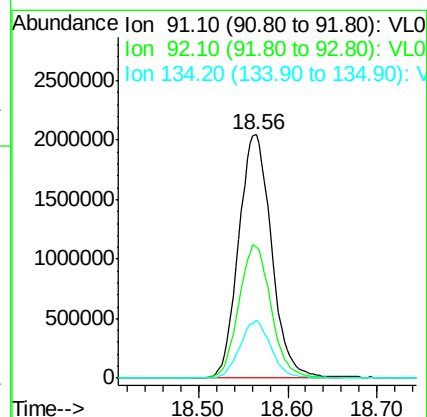
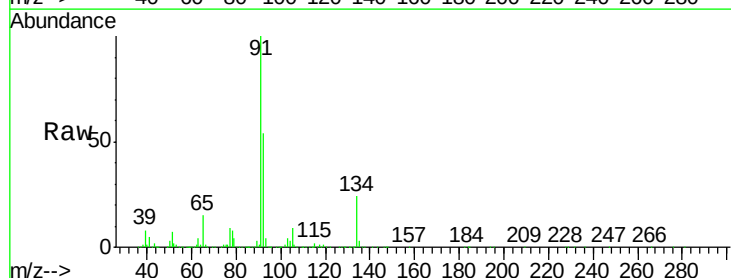
Manual Integrations
 APPROVED

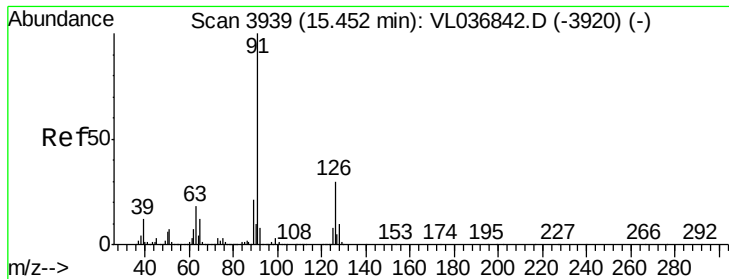
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#70
 n-Butylbenzene
 Concen: 9.193 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T.: 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion: 91 Resp: 5245878
 Ion Ratio Lower Upper
 91 100
 92 53.8 43.5 65.3
 134 22.5 18.2 27.4





#71

2-Chlorotoluene

Concen: 9.138 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Apr 2021 00:30

Tot Ion:

Ion Ratio

91 100

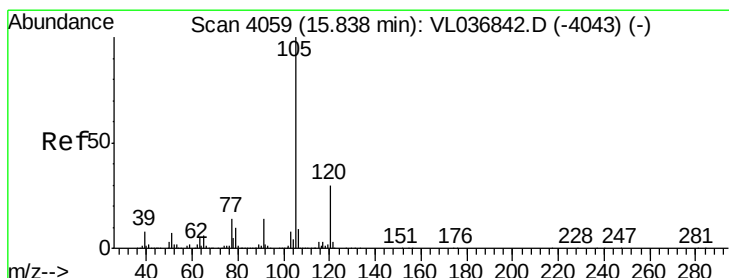
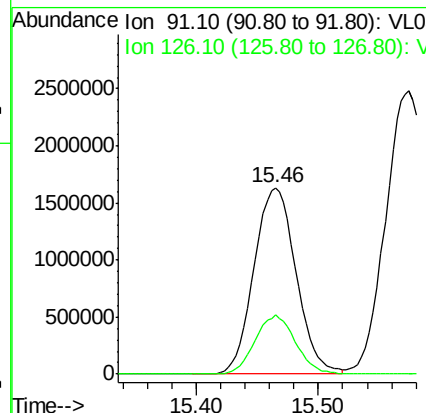
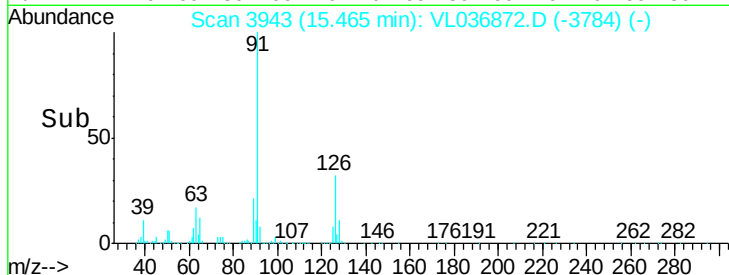
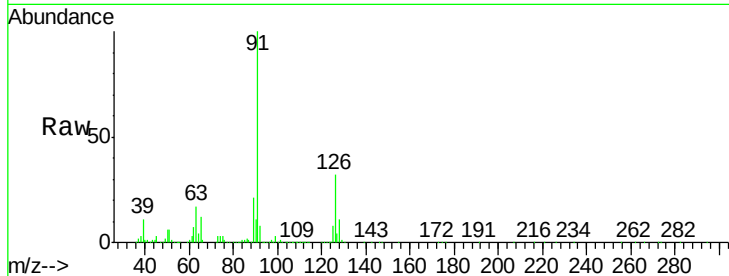
126 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#72

4-Ethyltoluene

Concen: 9.451 ppbv

RT: 15.85 min Scan# 4063

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

Tgt Ion:105 Resp: 4288733

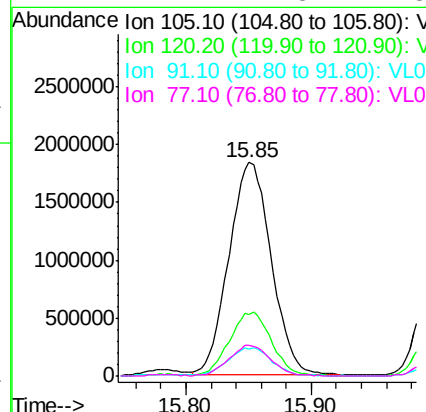
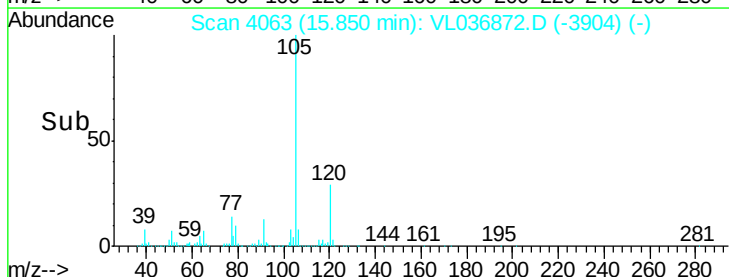
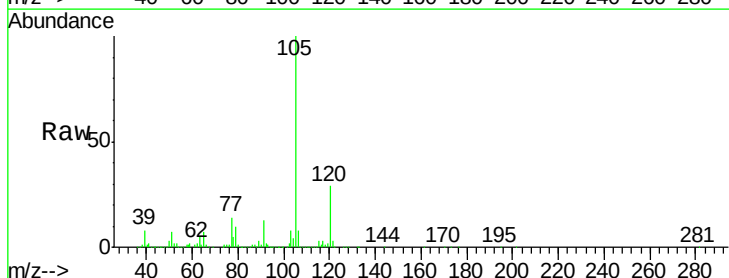
Ion Ratio Lower Upper

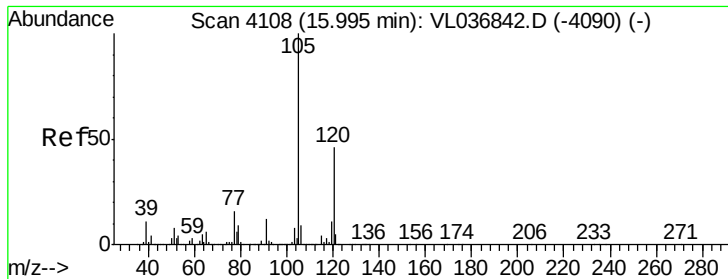
105 100

120 30.1 23.8 35.6

91 13.5 10.7 16.1

77 14.4 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 8.671 ppbv

RT: 16.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Apr 2021 00:30

Tot Ion:1

Ion Ratio

105 100

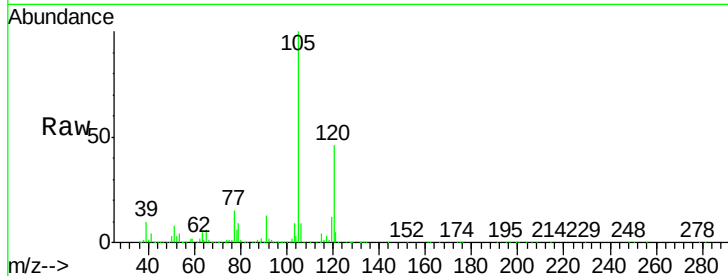
120 46.

Manual Integrations

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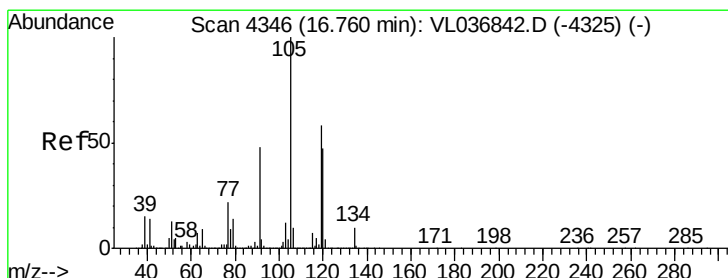
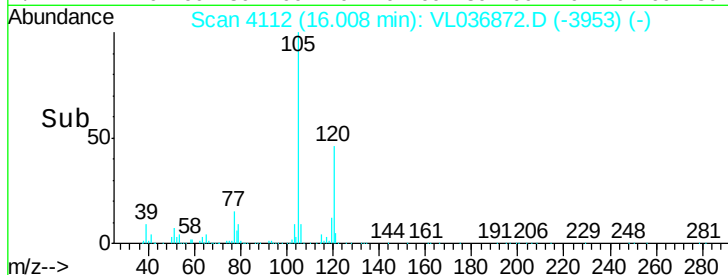
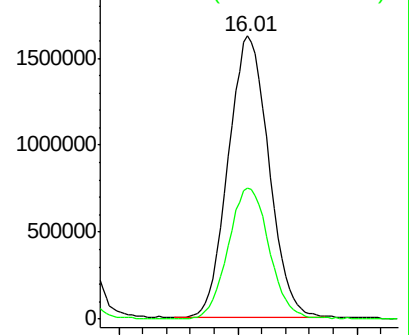
Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



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: 8.583 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

Tgt Ion:105 Resp: 4012106

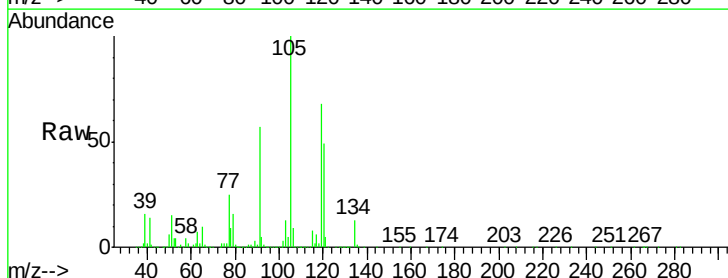
Ion Ratio Lower Upper

105 100

120 48.7 37.6 56.4

91 57.0 39.0 58.4

77 25.1 17.4 26.0

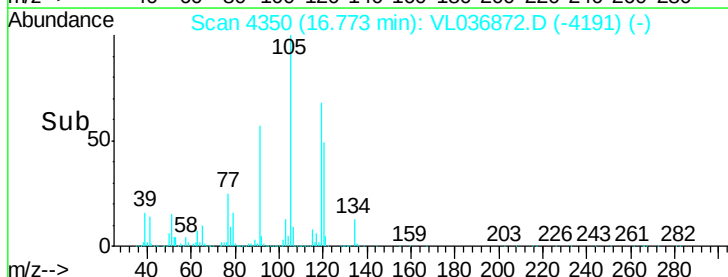
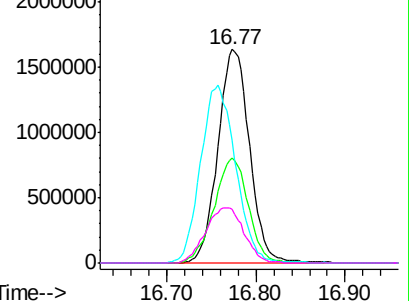


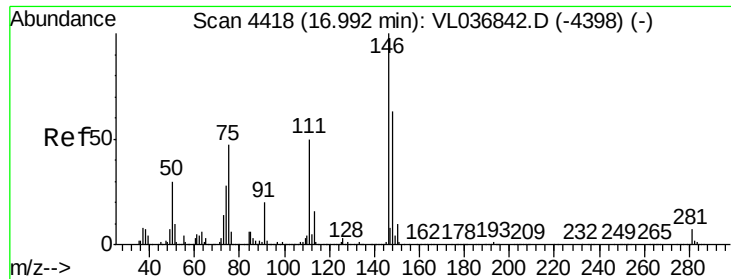
Abundance Ion 105.10 (104.80 to 105.80): V

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



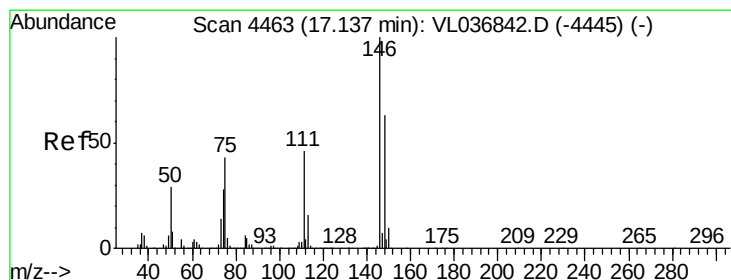
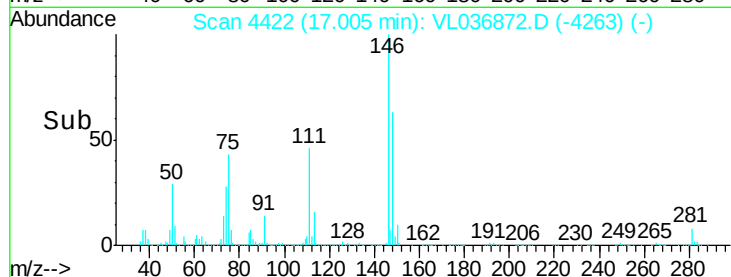
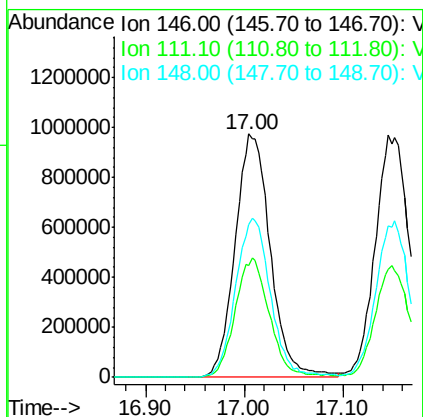
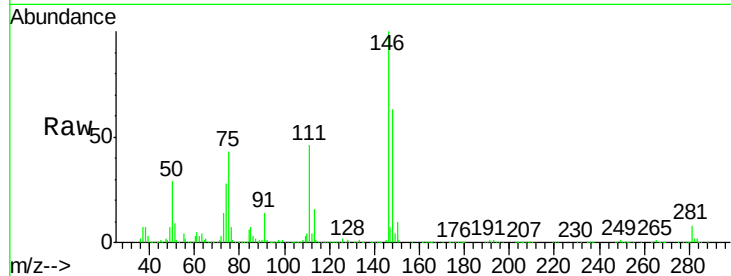


#75
 1,3-Dichlorobenzene
 Concen: 8.754 ppbv
 RT: 17.00
 Instrument : MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Apr 2021 00:30

Tot Ion:1
 Ion Rati
 146 100
 111 47.
 148 65.

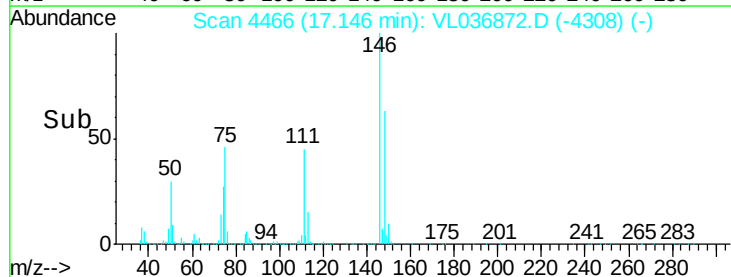
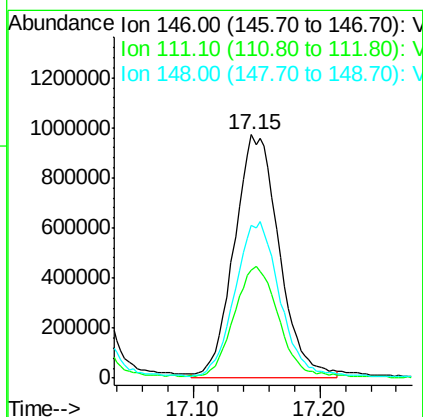
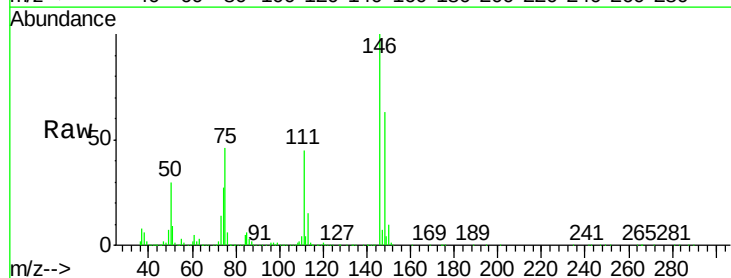
Manual Integrations
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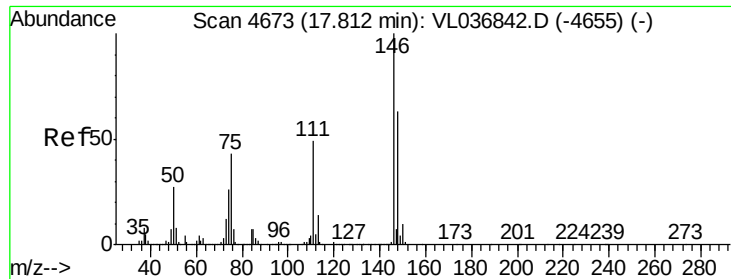
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#76
 1,4-Dichlorobenzene
 Concen: 8.858 ppbv m
 RT: 17.15 min Scan# 4466
 Delta R.T. 0.01 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion:146 Resp: 2395252
 Ion Ratio Lower Upper
 146 100
 111 46.3 24.3 72.8
 148 64.4 32.4 97.0



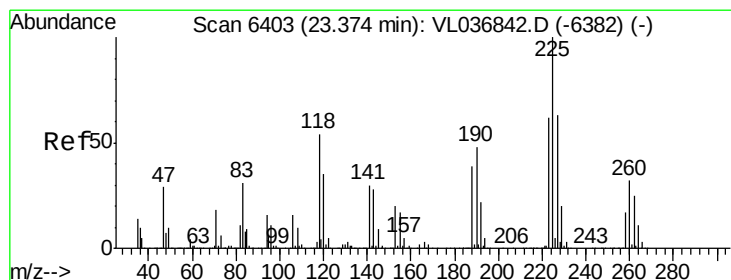
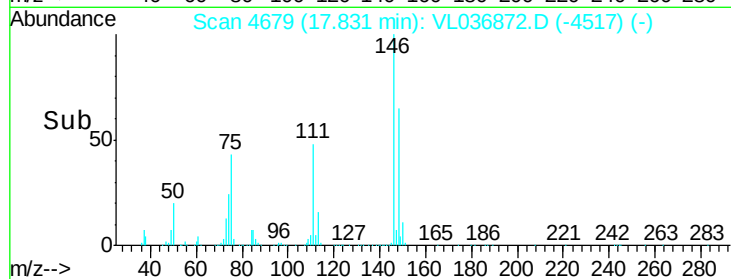
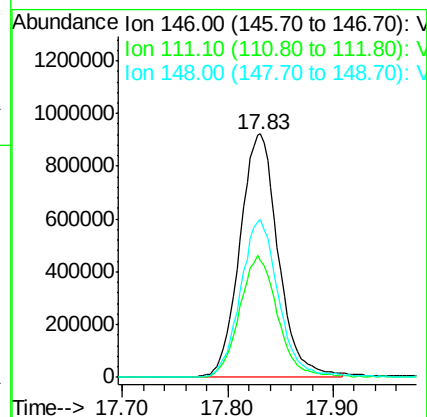
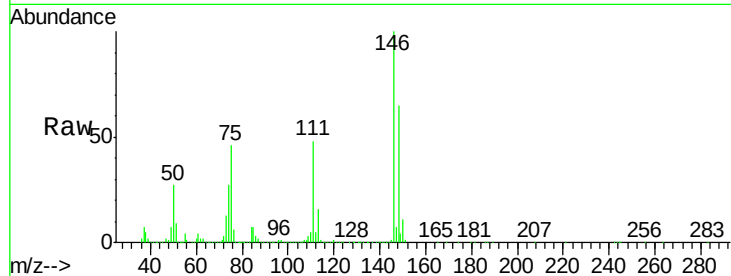


#77
 1,2-Dichlorobenzene
 Concen: 8.551 ppbv
 RT: 17.83 min
 Delta R.T.: 0.02 min
 Lab File: VL036842.D
 Acq: 28 Apr 2021 00:30

Manual Integrations
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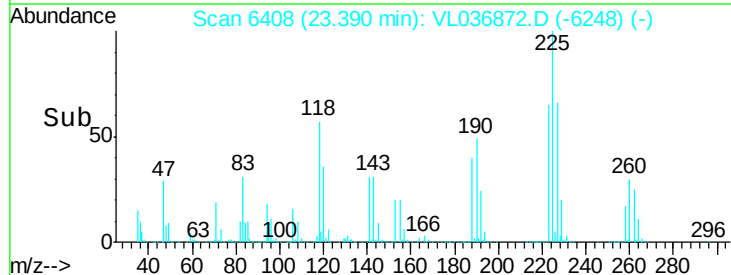
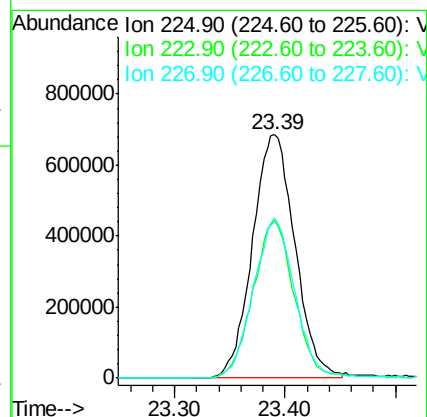
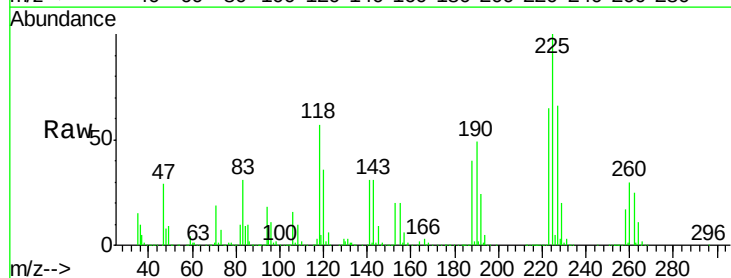
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021

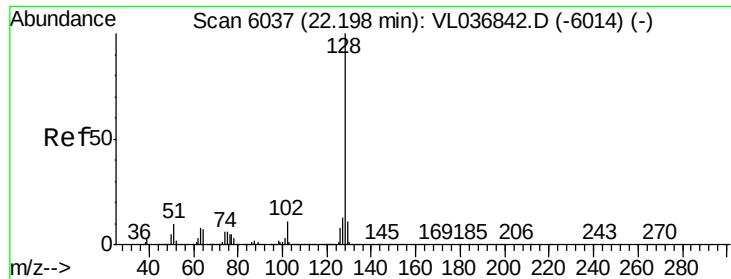
Tot Ion:1
 Ion Ratio
 146 100
 111 49.
 148 65.



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.966 ppbv
 RT: 23.39 min Scan# 6408
 Delta R.T.: 0.02 min
 Lab File: VL036872.D
 Acq: 28 Apr 2021 00:30

Tgt Ion:225 Resp: 1826933
 Ion Ratio Lower Upper
 225 100
 223 63.8 51.2 76.8
 227 64.0 51.8 77.6





#79

Naphthalene

Concen: 10.299 ppbv

RT: 22.21

Delta R.T. MSVOA_L

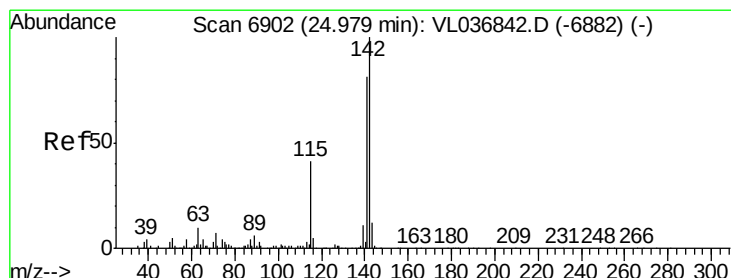
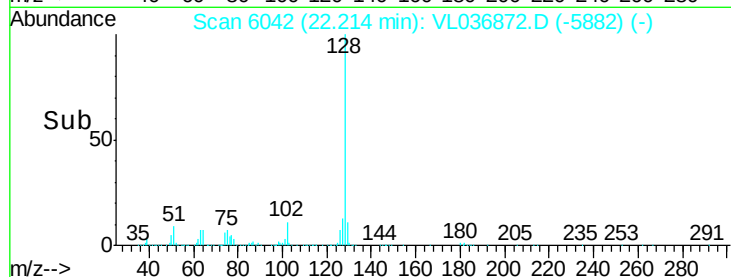
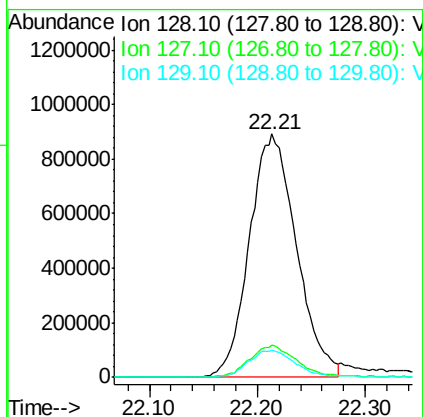
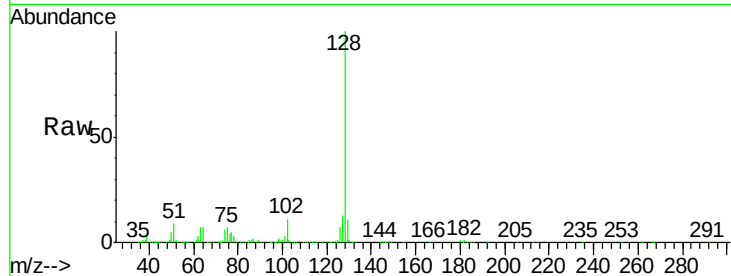
Lab File: ClientSampleId :

Acq: 28 Apr 2021 00:30

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

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#80

Naphthalene, 2-methyl-

Concen: 11.357 ppbv

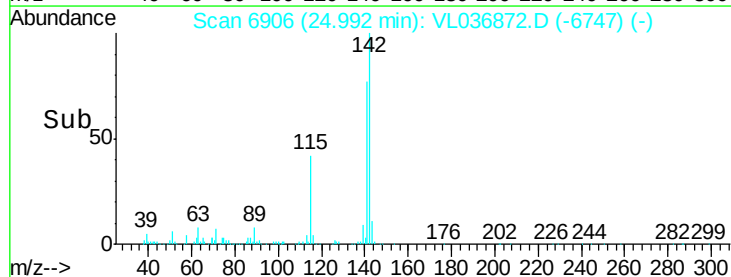
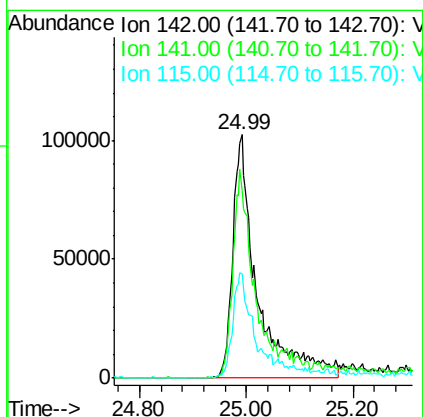
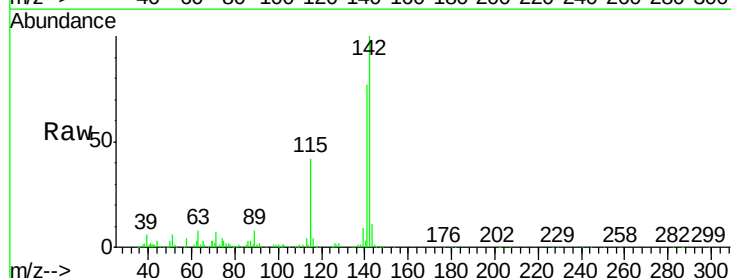
RT: 24.99 min Scan# 6906

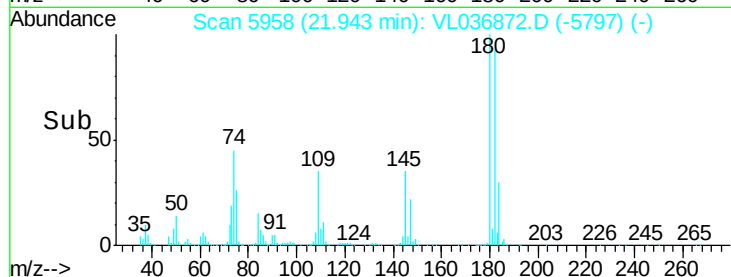
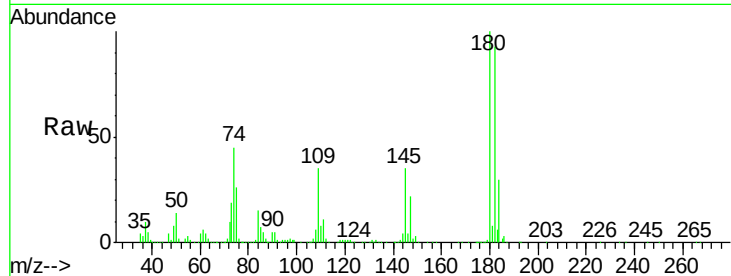
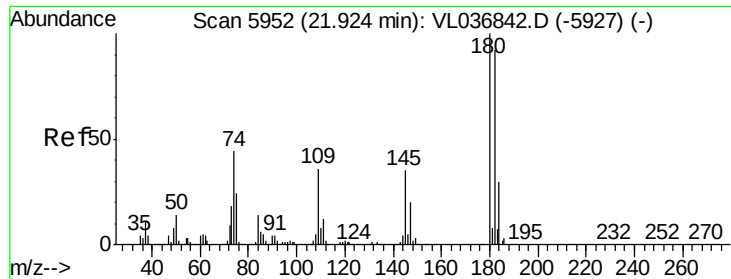
Delta R.T. 0.01 min

Lab File: VL036872.D

Acq: 28 Apr 2021 00:30

Tgt Ion:142 Resp: 327879
Ion Ratio Lower Upper
142 100
141 82.1 62.6 93.8
115 42.2 32.0 48.0





#81

1,2,4-Trichlorobenzene

Concen: 9.894 ppbv

RT: 21.94

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Apr 2021 00:30

Tot Ion:1

Ion Rati

180 100

182 102.

184 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021

