

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036842.D
 Acq On : 27 Apr 2021 1:26
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Quant Time: Apr 27 07:29:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 07:21:25 2021
 Response via : Initial Calibration

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1561929	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4030023	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3809528	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3078462	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	2344671	9.232	ppbv 100
3) Chlorodifluoromethane	2.98	51	2614411	8.969	ppbv 100
4) Chloromethane	3.14	50	898315	8.827	ppbv 100
5) Vinyl Chloride	3.25	62	871188	8.346	ppbv 100
6) Bromomethane	3.47	94	488111	8.544	ppbv 100
7) Chloroethane	3.55	64	294375	8.236	ppbv 100
8) Dichlorotetrafluoroethane	3.19	85	2083917	8.687	ppbv 100
9) Propene	3.01	41	858880	9.301	ppbv 100
10) Heptane	8.12	43	2222061	9.443	ppbv 100
11) Trichlorofluoromethane	3.95	101	2087006	8.229	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1411872	8.676	ppbv 100
13) Ethanol	3.61	45	87113m	8.151	ppbv
14) Bromoethene	3.74	108	583573	8.674	ppbv 100
15) Acetone	3.85	43	1185954	7.873	ppbv 100
16) 1,3-Butadiene	3.32	39	905132	8.646	ppbv 100
17) tert-Butyl alcohol	4.29	59	1189579	9.020	ppbv 100
18) 1,1-Dichloroethene	4.29	96	597748	8.329	ppbv 100
19) Isopropyl Alcohol	3.97	45	649569m	7.911	ppbv
20) Methylene Chloride	4.34	84	523851	7.482	ppbv 100
21) Allyl Chloride	4.41	41	1034849	8.692	ppbv 100
22) trans-1,2-Dichloroethene	4.88	96	628215	9.296	ppbv 100
23) Vinyl Acetate	5.07	43	2138295	8.431	ppbv 100
24) 1,1-Dichloroethane	5.01	63	1283656	7.106	ppbv 100
25) Ethyl Acetate	5.67	43	3379086	9.283	ppbv 100
26) Hexane	5.68	57	1519940	9.074	ppbv 100
27) Carbon Disulfide	4.55	76	1568911	9.546	ppbv 100
28) Methyl tert-Butyl Ether	5.03	73	1450960	7.662	ppbv 100
29) Chloroform	5.75	83	2490647	9.199	ppbv 100
30) Cyclohexane	7.12	84	1320071	9.669	ppbv 100
31) cis-1,2-Dichloroethene	5.54	61	1514526	9.380	ppbv 100
32) 1,1,1-Trichloroethane	6.51	97	2501981	9.180	ppbv 100
34) 2-Butanone	5.24	43	1675182	8.683	ppbv 100
35) Carbon Tetrachloride	7.01	117	2636196	8.560	ppbv 100
36) Benzene	6.89	78	3293305	8.959	ppbv 100
37) 1,2-Dichloroethane	6.30	62	1892197	8.775	ppbv 100
38) Trichloroethene	7.83	130	1214423	8.425	ppbv 100
39) 1,2-Dichloropropane	7.61	63	1290254	8.690	ppbv 100
40) 1,4-Dioxane	7.83	88	304403m	8.699	ppbv
41) Tetrahydrofuran	6.05	42	803812	9.110	ppbv 100
42) Bromodichloromethane	7.79	83	2627811	8.970	ppbv 100
43) Methyl Methacrylate	8.01	69	1183071	9.658	ppbv 99

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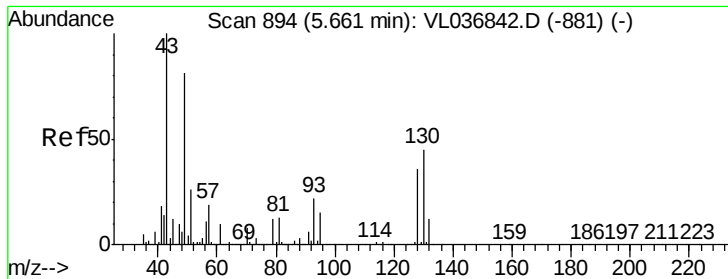
Manual Integrations
 APPROVED

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

Quant Time: Apr 27 07:29:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 07:21:25 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5551703	8.562	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	1407457	10.078	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	1711722	9.609	ppbv	100
47) 1,1,2-Trichloroethane	9.47	97	1344368	8.871	ppbv	100
48) Dibromochloromethane	10.30	129	2191710	9.540	ppbv	100
49) Bromoform	13.03	173	1820782	9.817	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	2544558	9.133	ppbv	100
51) 2-Hexanone	10.13	43	1387016	9.930	ppbv #	100
52) Tetrachloroethene	11.22	164	1138333	8.376	ppbv	100
53) Toluene	9.80	91	3677759	9.412	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1922299	9.012	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.12	131	1493637	8.823	ppbv	100
57) Chlorobenzene	12.14	112	2749984	8.596	ppbv	100
58) Ethyl Benzene	12.71	91	4957149	9.116	ppbv	100
59) m/p-Xylene	12.99	91	8366481m	17.605	ppbv	
60) o-Xylene	13.69	91	3953999	8.601	ppbv	100
61) Styrene	13.53	104	2324048	10.141	ppbv	100
62) Isopropylbenzene	14.66	105	5349498	8.646	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	2882543	8.140	ppbv	100
64) n-propylbenzene	15.56	120	1405394	9.263	ppbv	100
65) tert-Butylbenzene	16.74	119	4769199	8.833	ppbv	100
66) Benzyl Chloride	16.99	91	527467	9.135	ppbv	100
67) sec-Butylbenzene	17.29	105	6632851	8.706	ppbv	100
69) p-Isopropyltoluene	17.65	119	5538141	9.287	ppbv	100
70) n-Butylbenzene	18.55	91	5689539	9.206	ppbv	100
71) 2-Chlorotoluene	15.45	91	4166738	8.975	ppbv	100
72) 4-Ethyltoluene	15.84	105	4742004	9.364	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	4330844	9.167	ppbv	100
74) 1,2,4-Trimethylbenzene	16.76	105	4468453	8.806	ppbv	100
75) 1,3-Dichlorobenzene	16.99	146	2587471	9.049	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	2509363	8.848	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2475300	9.180	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1941123	8.039	ppbv	100
79) Naphthalene	22.20	128	3157010	10.827	ppbv	100
80) Naphthalene, 2-methyl-	24.98	142	446465	9.087	ppbv	95
81) 1,2,4-Trichlorobenzene	21.92	180	1759262	9.734	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDICCC010

Acq: 27 Apr 2021 1:20

Tot Ion:

Ion Ratio

49 100

128 48.

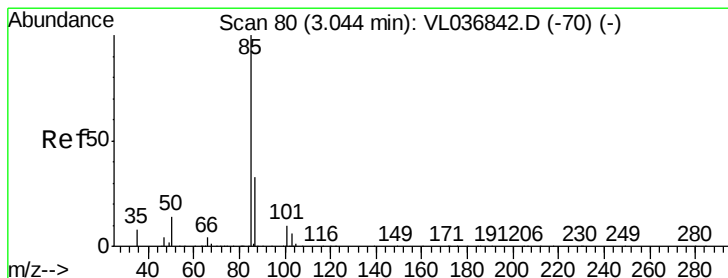
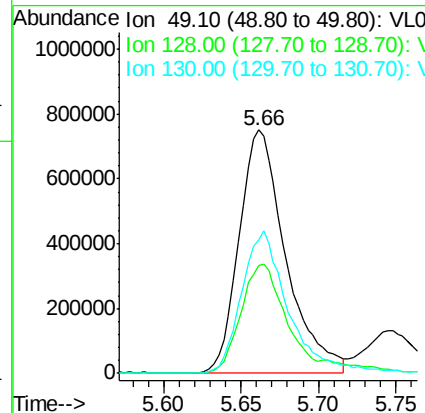
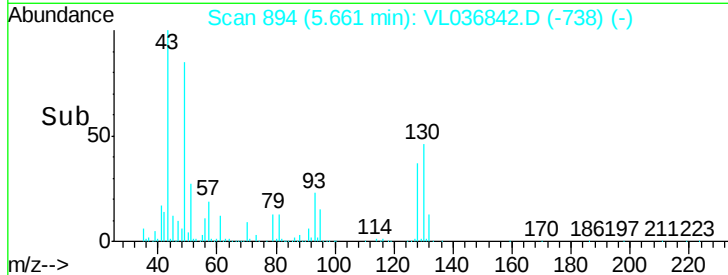
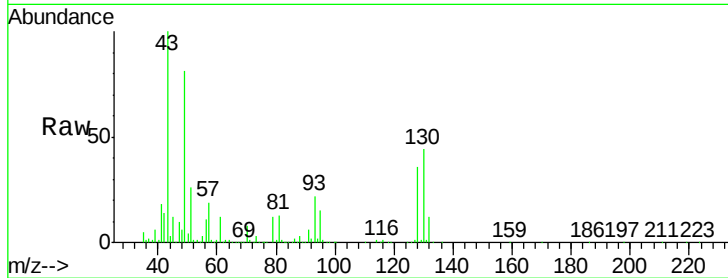
130 60.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#2

Dichlorodifluoromethane

Concen: 9.232 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL036842.D

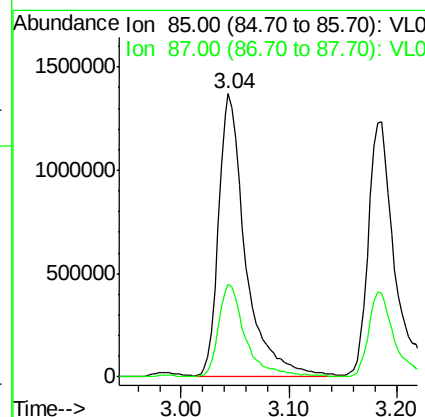
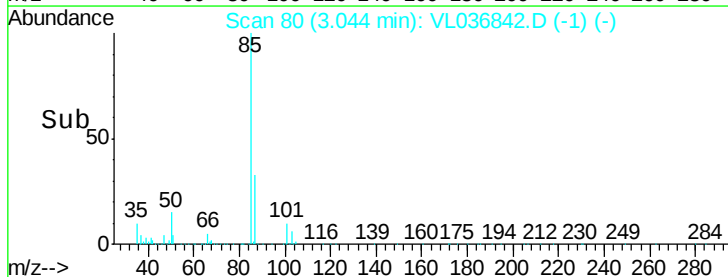
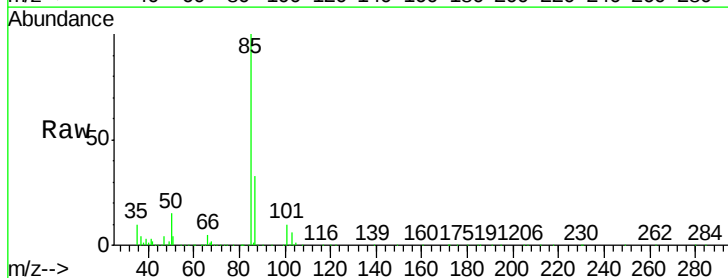
Acq: 27 Apr 2021 1:26

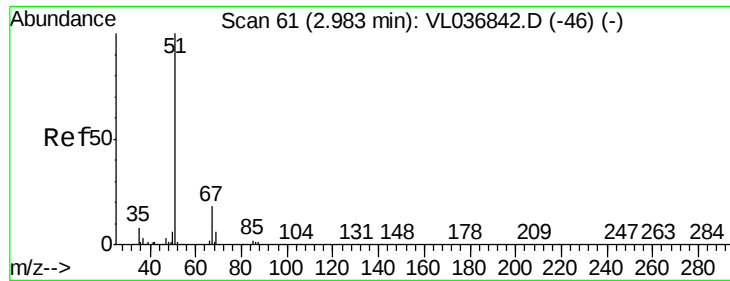
Tgt Ion: 85 Resp: 2344671

Ion Ratio Lower Upper

85 100

87 32.7 26.2 39.2





#3

Chlorodifluoromethane

Concen: 8.969 ppbv

RT: 2.98 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 1:20 VSTDICCC010

Tot Ion:

Ion Ratio

51 100

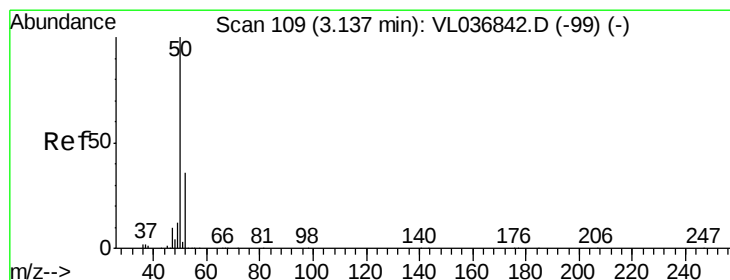
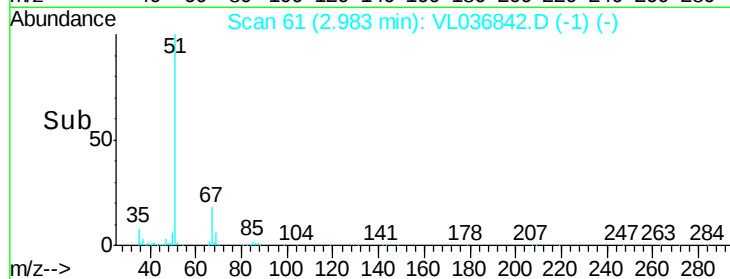
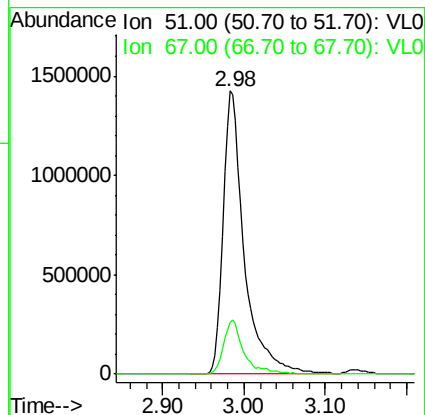
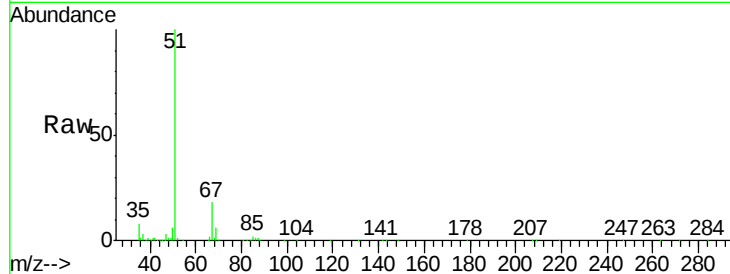
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#4

Chloromethane

Concen: 8.827 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL036842.D

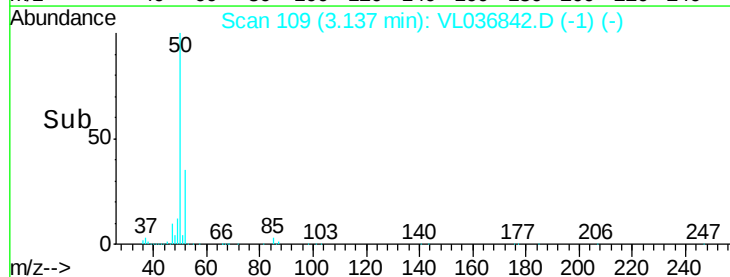
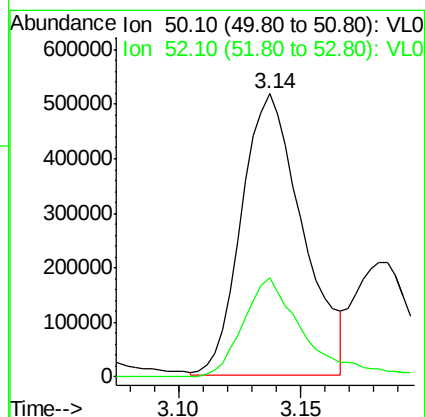
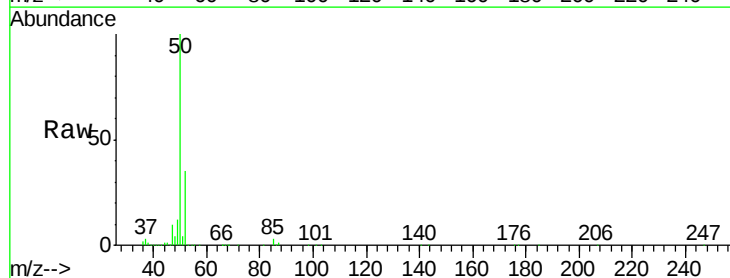
Acq: 27 Apr 2021 1:26

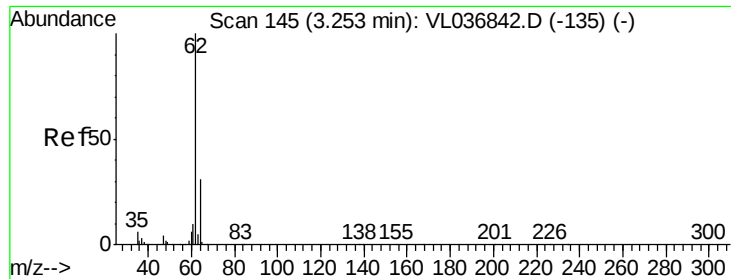
Tgt Ion: 50 Resp: 898315

Ion Ratio Lower Upper

50 100

52 35.6 28.5 42.7





#5

Vinyl Chloride

Concen: 8.346 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 1:28 VSTDICCC010

Tot Ion:

Ion Ratio

62 100

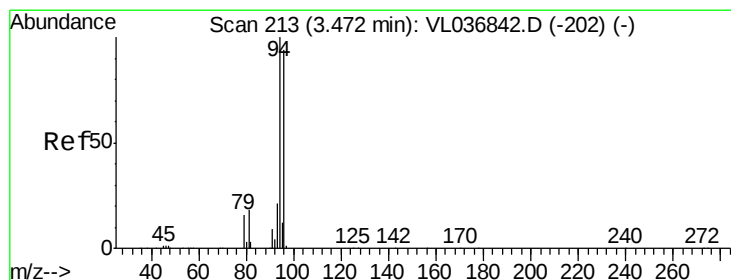
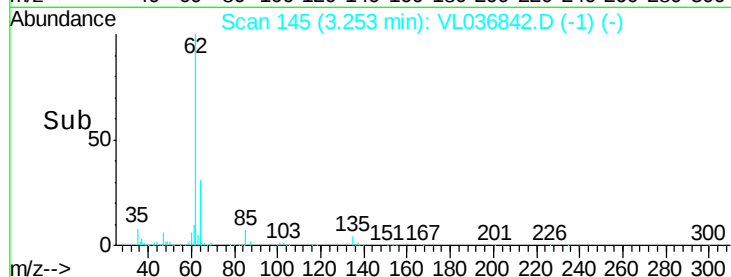
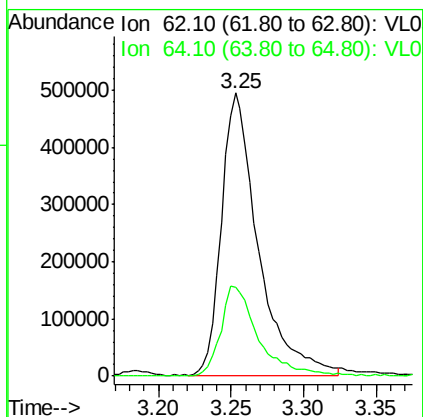
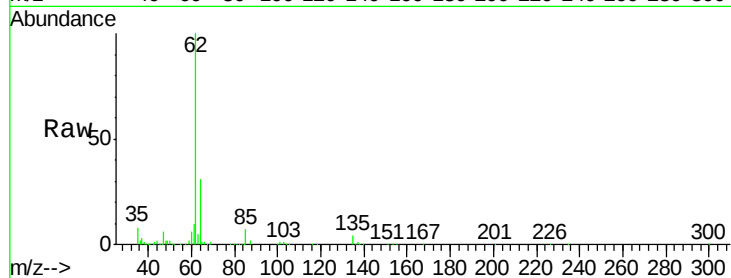
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#6

Bromomethane

Concen: 8.544 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL036842.D

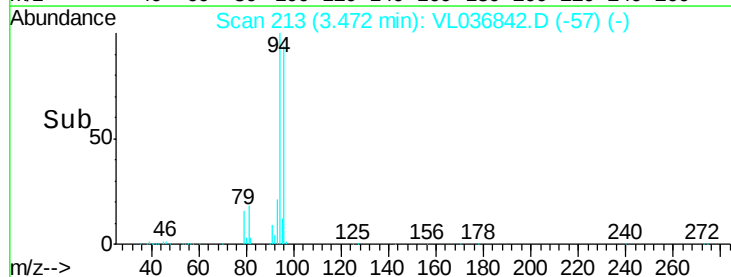
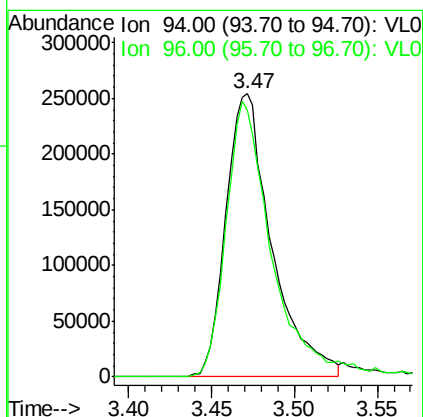
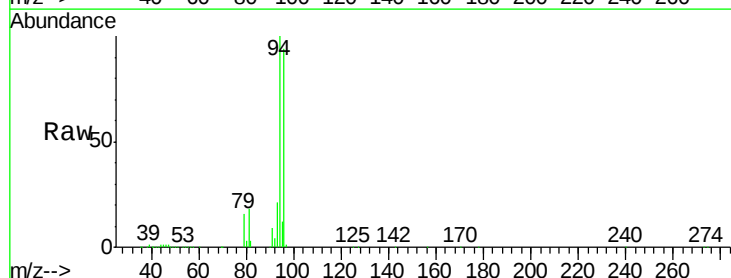
Acq: 27 Apr 2021 1:26

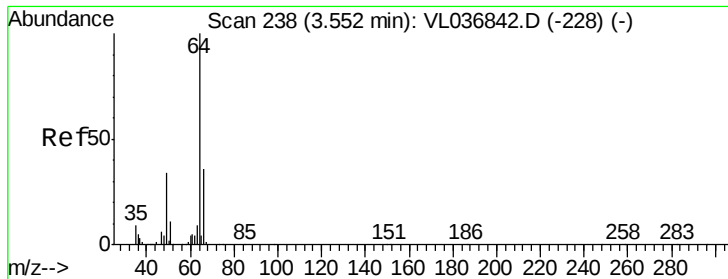
Tgt Ion: 94 Resp: 488111

Ion Ratio Lower Upper

94 100

96 94.2 75.4 113.0





#7

Chloroethane

Concen: 8.236 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDICCC010

Acq: 27 Apr 2021 1:28

Tot Ion:

Ion Ratio

64 100

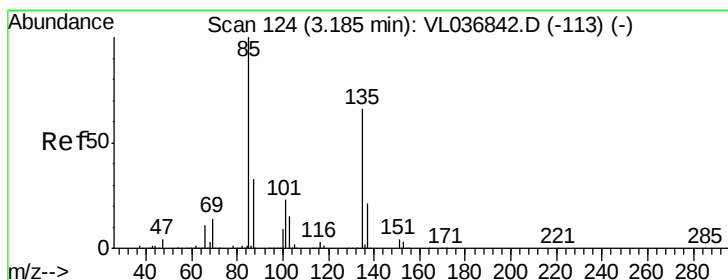
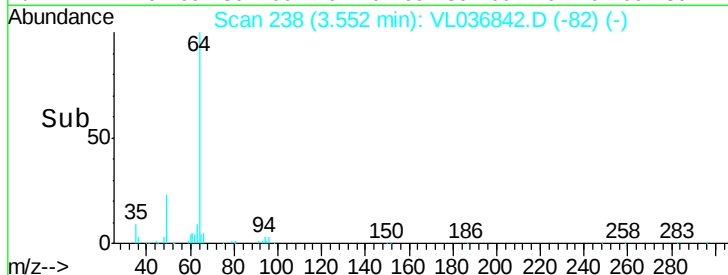
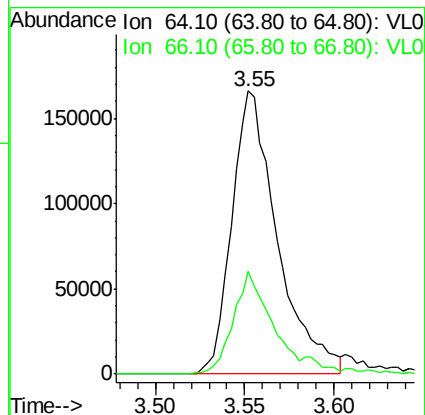
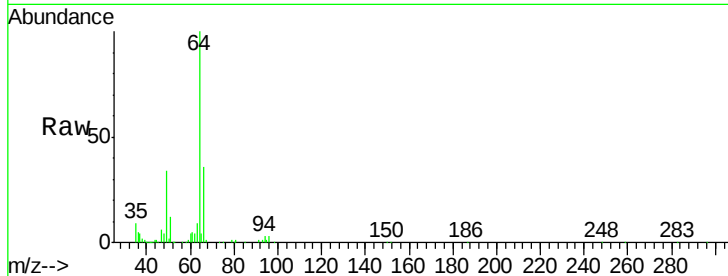
66 36.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#8

Dichlorotetrafluoroethane

Concen: 8.687 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL036842.D

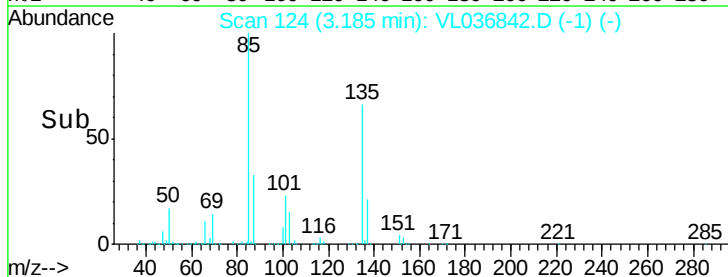
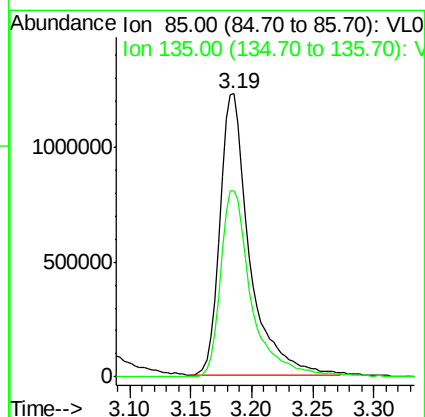
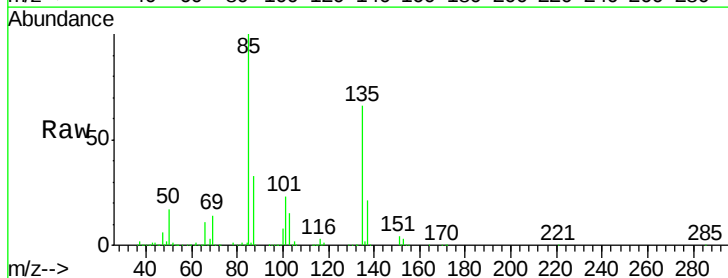
Acq: 27 Apr 2021 1:26

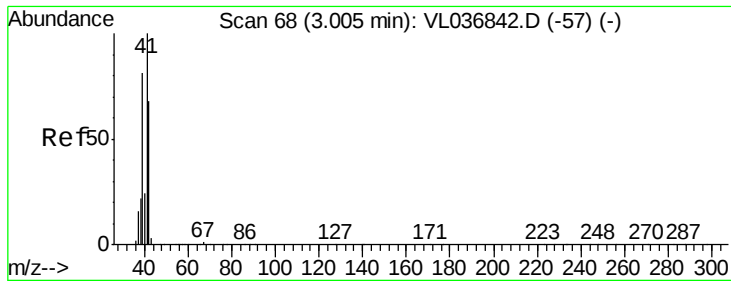
Tgt Ion: 85 Resp: 2083917

Ion Ratio Lower Upper

85 100

135 70.3 56.2 84.4



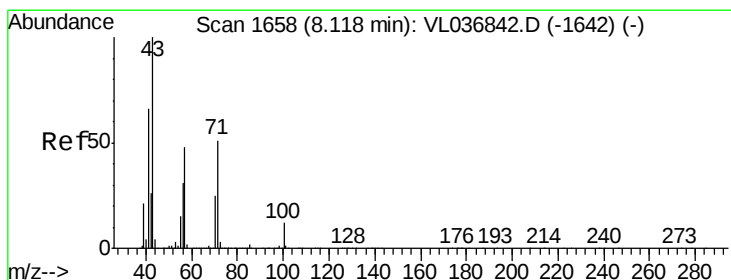
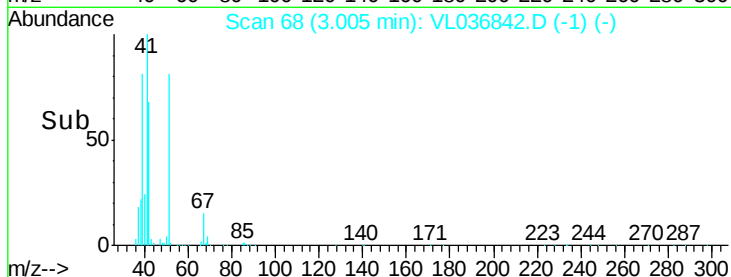
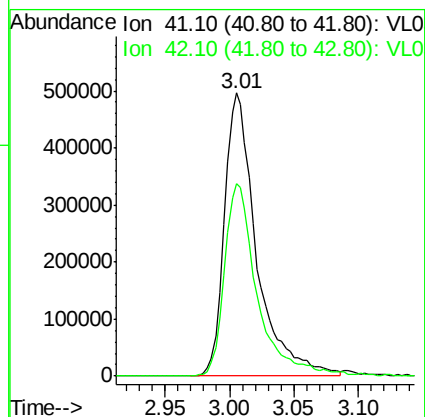
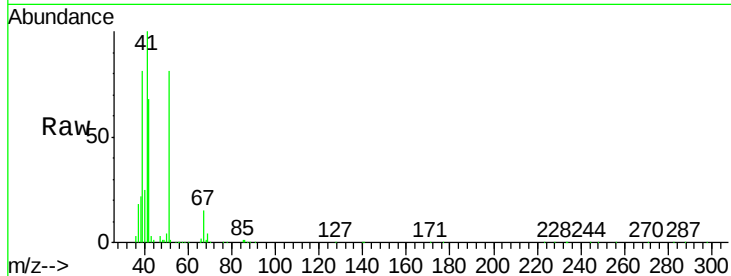


#9
 Propene
 Concen: 9.301 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 1:20

Tot Ion:
 Ion Ratio
 41 100
 42 70.

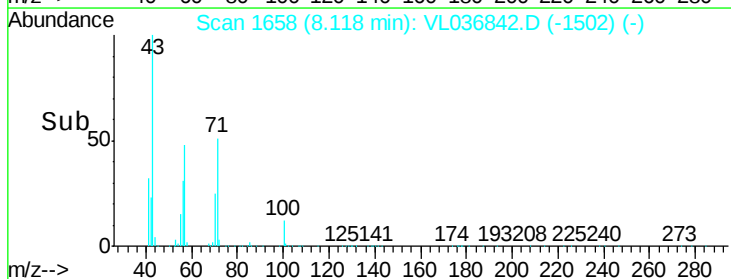
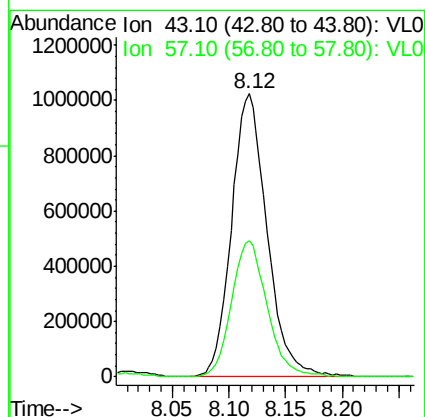
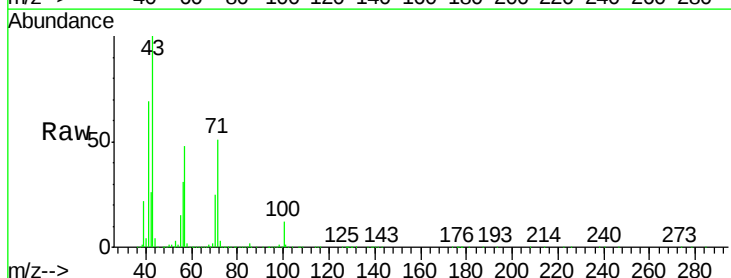
Manual Integrations
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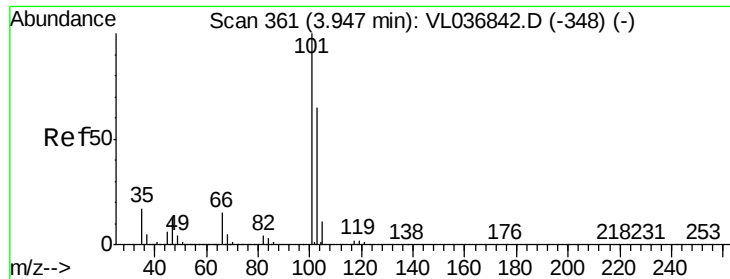
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#10
 Heptane
 Concen: 9.443 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VL036842.D
 Acq: 27 Apr 2021 1:26

Tgt Ion: 43 Resp: 2222061
 Ion Ratio Lower Upper
 43 100
 57 48.5 39.0 58.6





#11

Trichlorofluoromethane

Concen: 8.229 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 1:28 VSTDICCC010

Tot Ion:1

Ion Rati

101 100

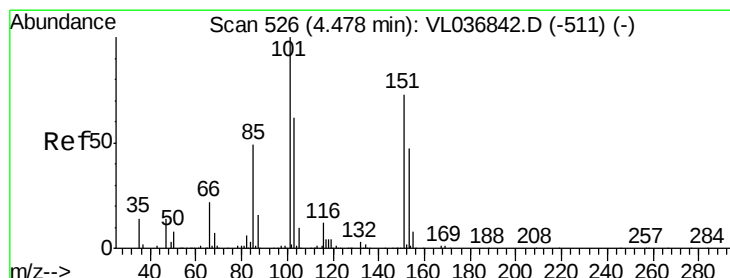
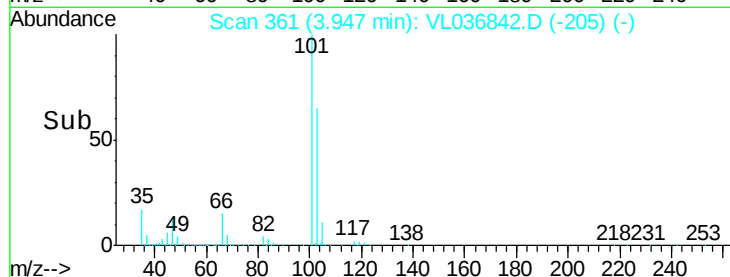
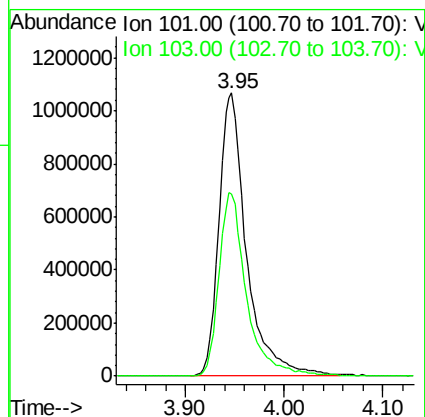
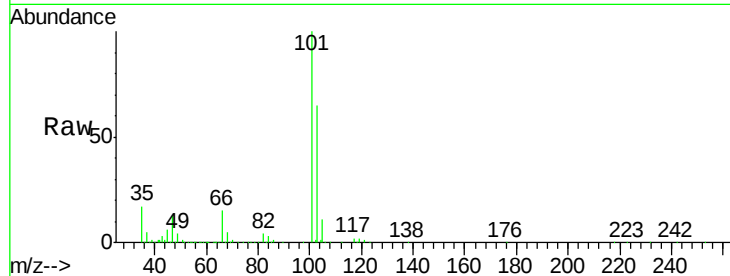
103 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.676 ppbv

RT: 4.48 min Scan# 526

Delta R.T. 0.00 min

Lab File: VL036842.D

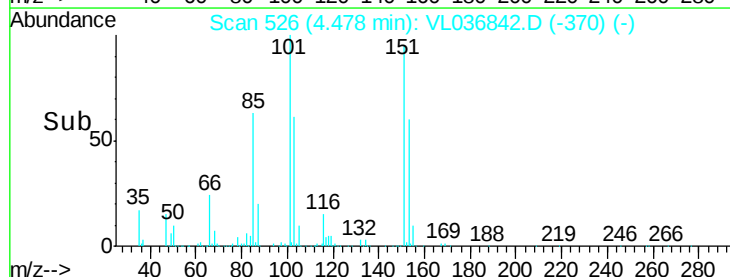
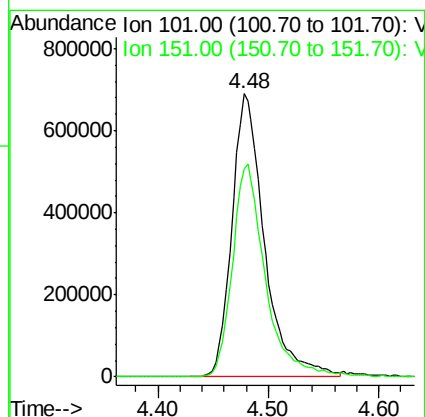
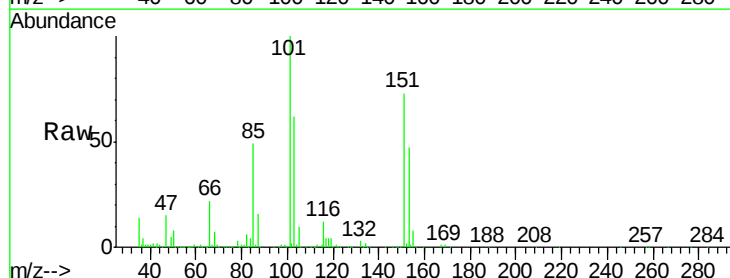
Acq: 27 Apr 2021 1:26

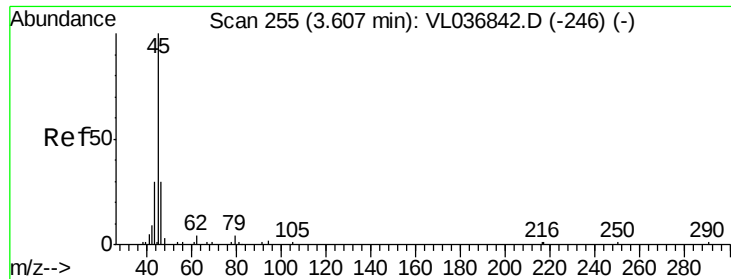
Tgt Ion:101 Resp: 1411872

Ion Ratio Lower Upper

101 100

151 76.4 61.1 91.7



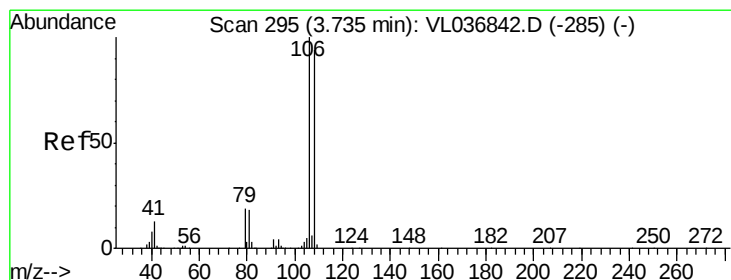
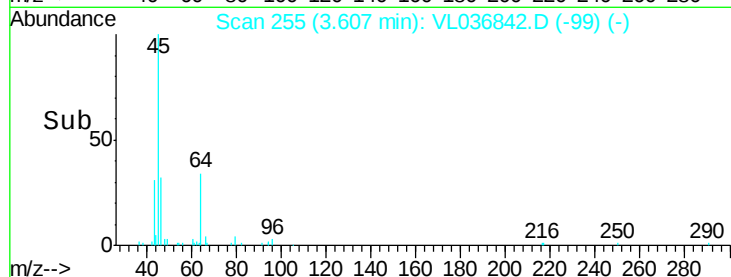
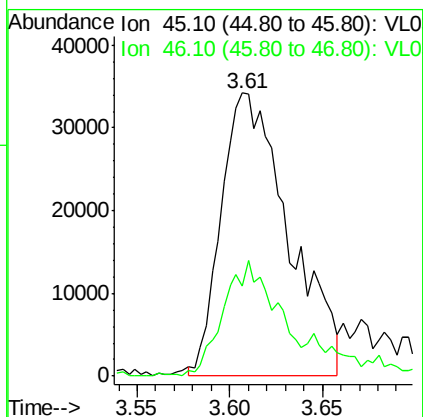
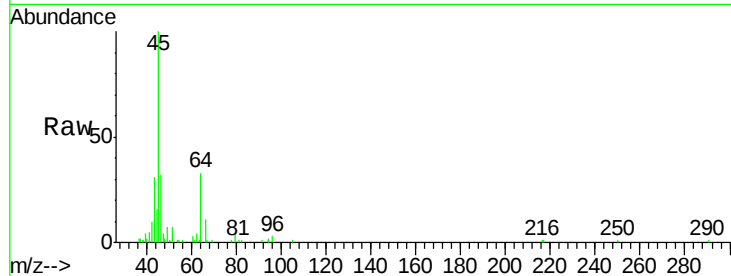


#13
Ethanol
Concen: 8.151 ppbv m
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 1:20

Tot Ion:
Ion Ratio
45 100
46 42.

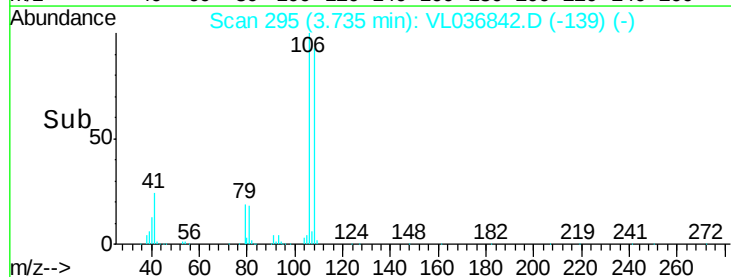
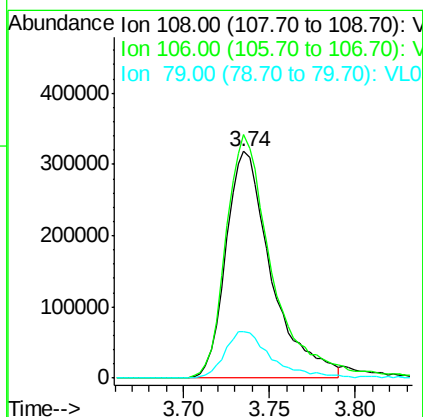
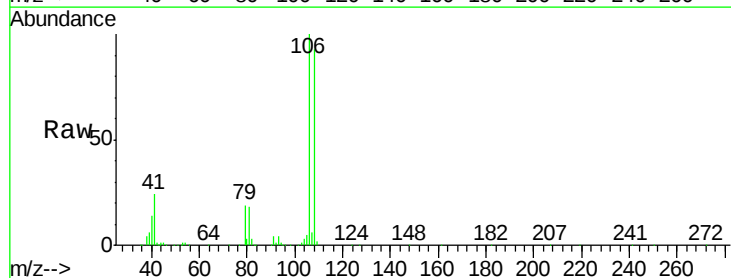
Manual Integrations
APPROVED

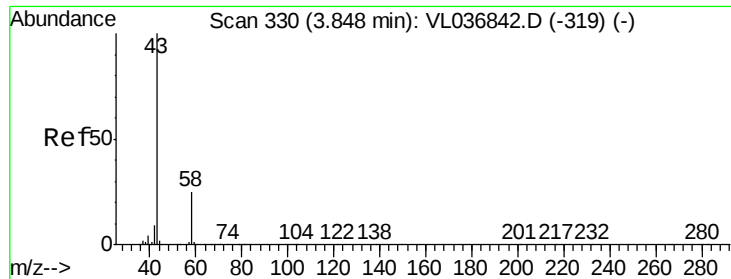
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#14
Bromoethene
Concen: 8.674 ppbv
RT: 3.74 min Scan# 295
Delta R.T. 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion:108 Resp: 583573
Ion Ratio Lower Upper
108 100
106 110.6 88.5 132.7
79 22.4 17.9 26.9



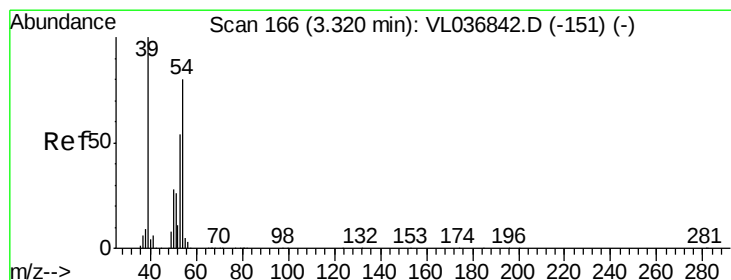
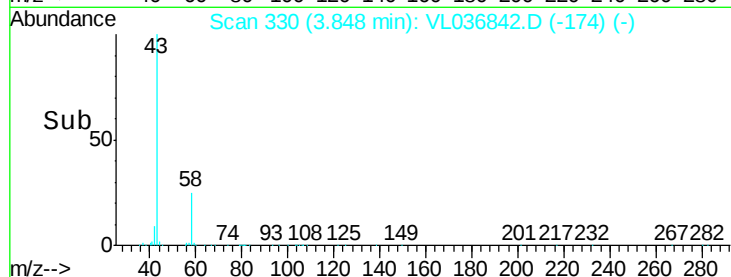
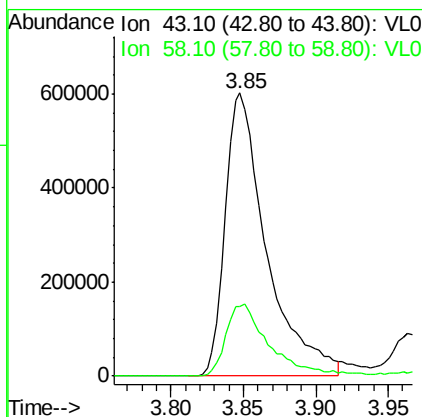
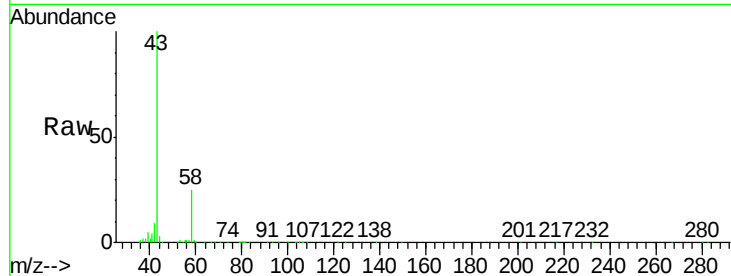


#15
Acetone
Concen: 7.873 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 1:20

Tot Ion:
Ion Ratio
43 100
58 27.

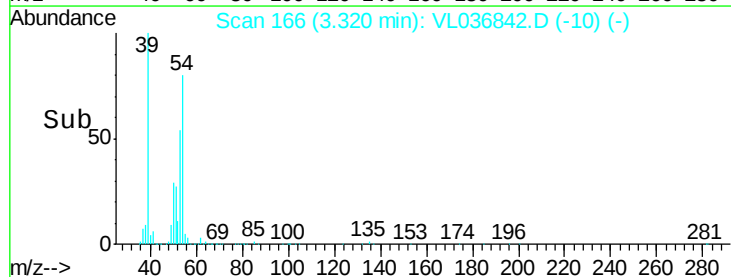
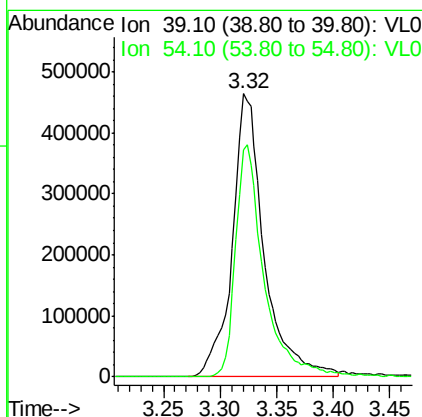
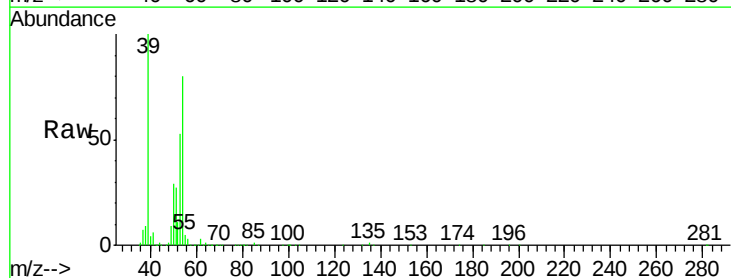
Manual Integrations
APPROVED

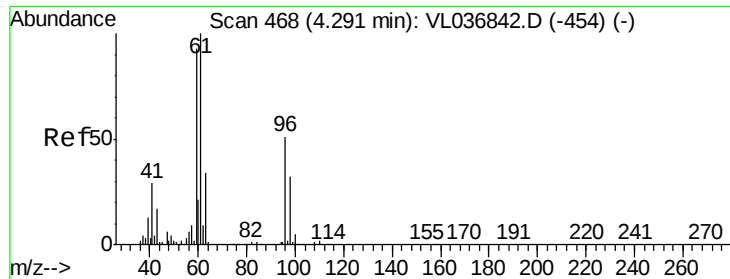
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#16
1,3-Butadiene
Concen: 8.646 ppbv
RT: 3.32 min Scan# 166
Delta R.T. 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion: 39 Resp: 905132
Ion Ratio Lower Upper
39 100
54 74.5 59.6 89.4





#17

tert-Butyl alcohol

Concen: 9.020 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Apr 2021 1:28

Tot Ion:

Ion Ratio

59 100

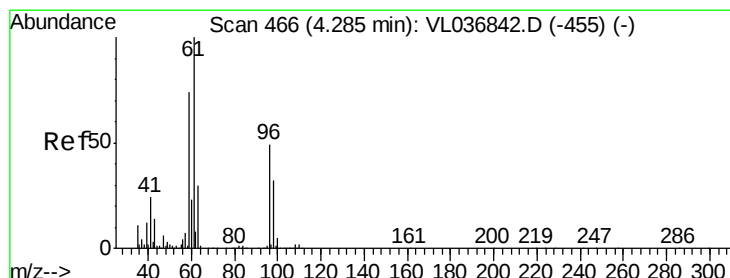
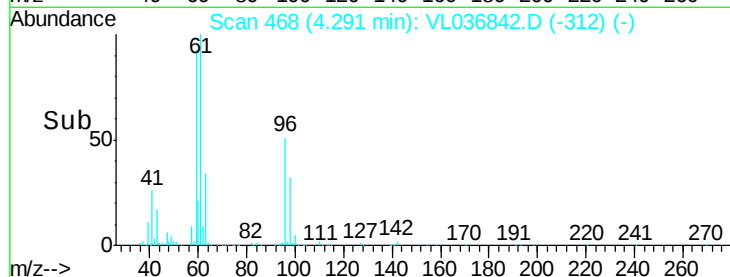
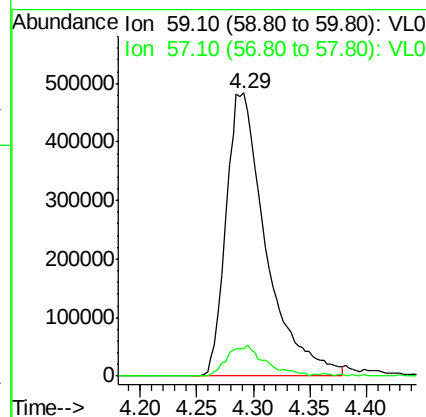
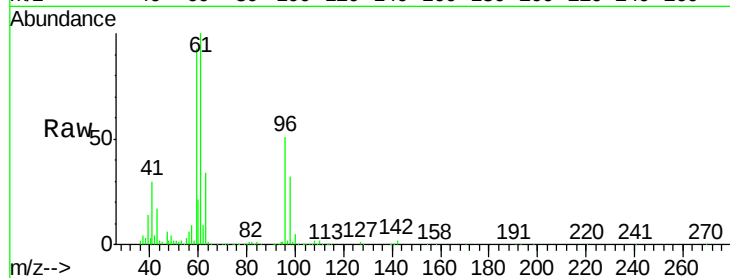
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#18

1,1-Dichloroethene

Concen: 8.329 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.00 min

Lab File: VL036842.D

Acq: 27 Apr 2021 1:26

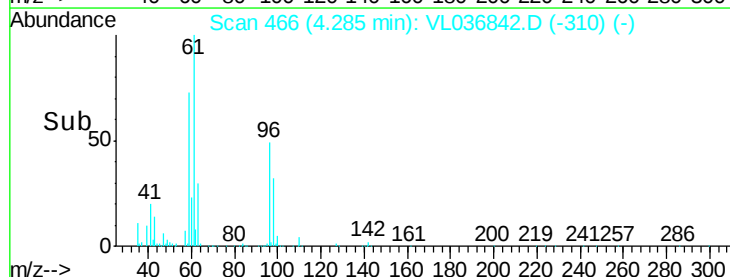
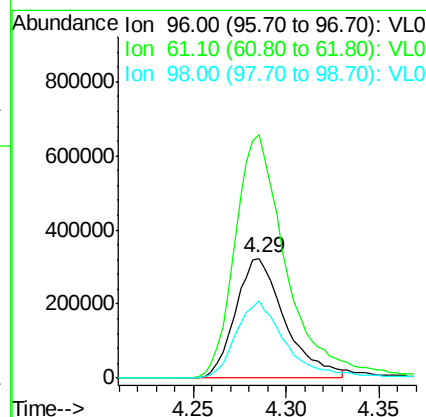
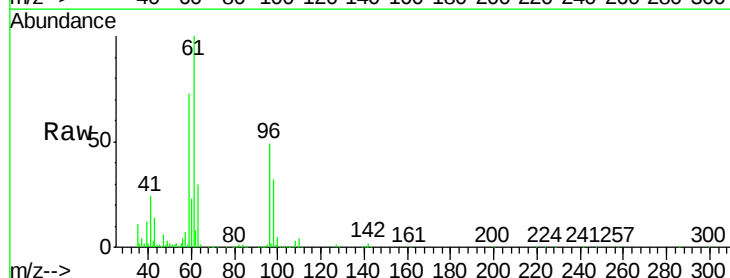
Tgt Ion: 96 Resp: 597748

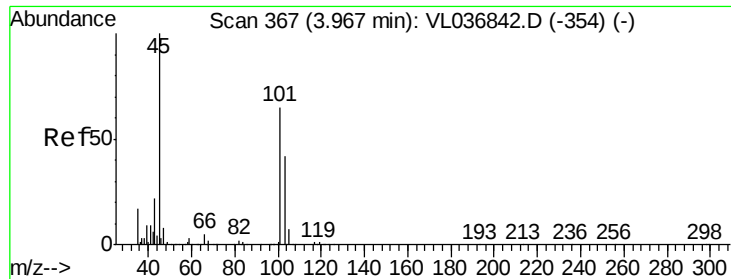
Ion Ratio Lower Upper

96 100

61 202.7 162.2 243.2

98 64.7 51.8 77.6





#19

Isopropyl Alcohol

Concen: 7.911 ppbv m

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 1:28

Tot Ion:

Ion Ratio

45 100

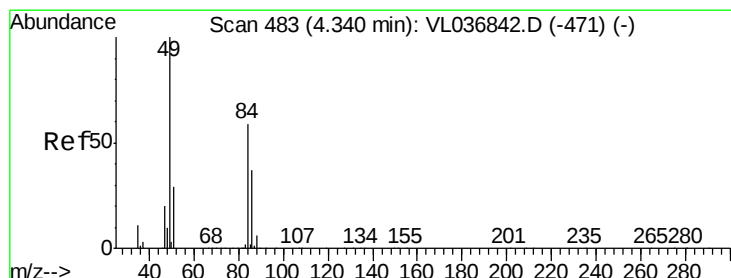
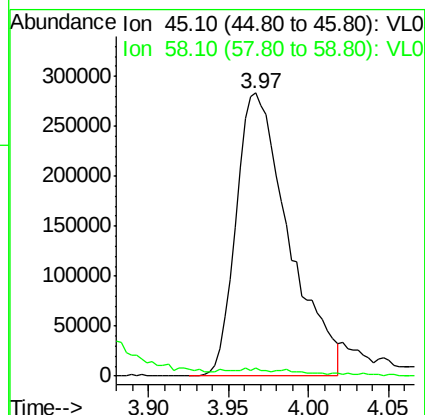
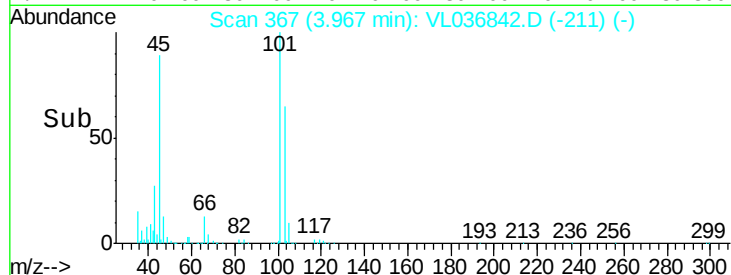
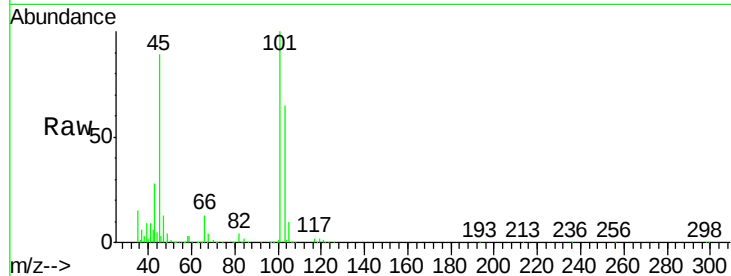
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#20

Methylene Chloride

Concen: 7.482 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL036842.D

Acq: 27 Apr 2021 1:26

Tgt Ion: 84 Resp: 523851

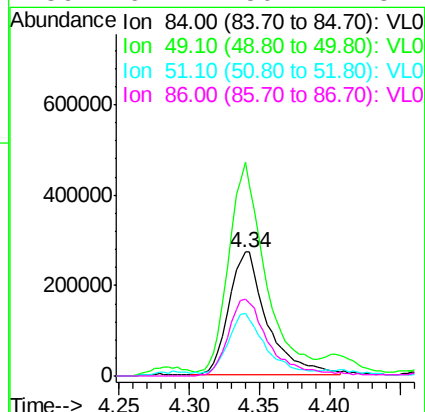
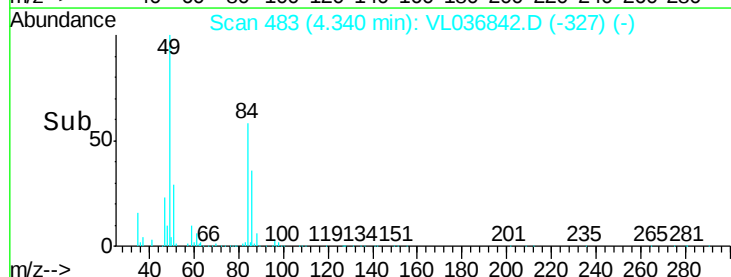
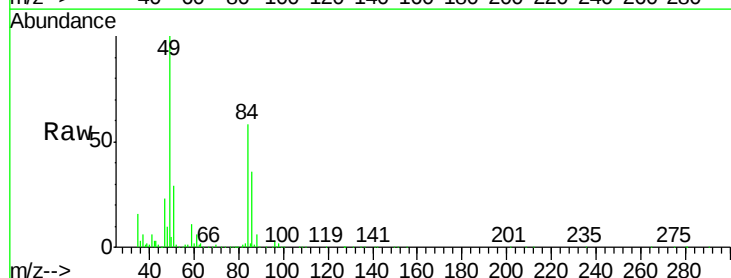
Ion Ratio Lower Upper

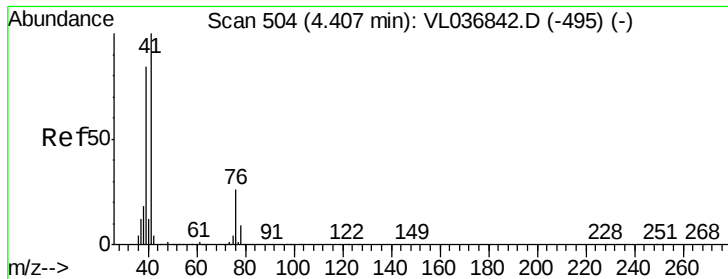
84 100

49 169.2 135.4 203.0

51 49.1 39.3 58.9

86 62.7 50.2 75.2



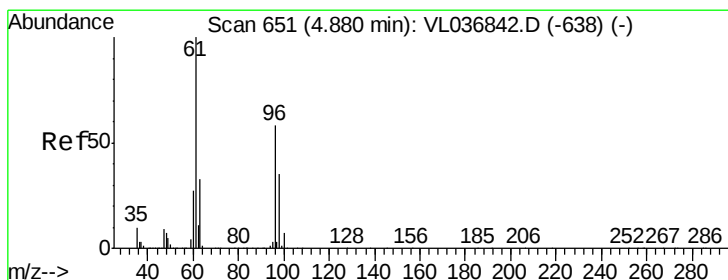
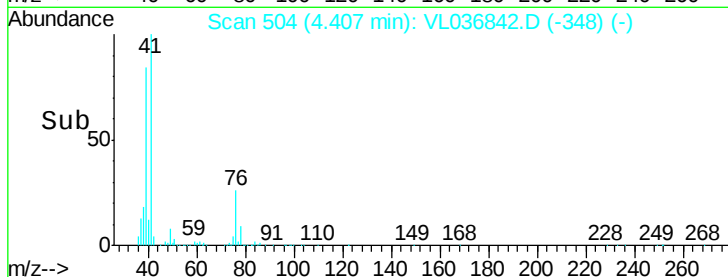
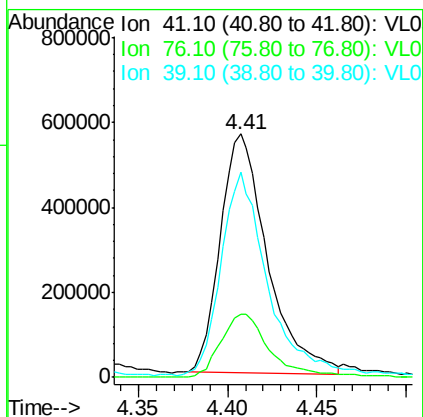
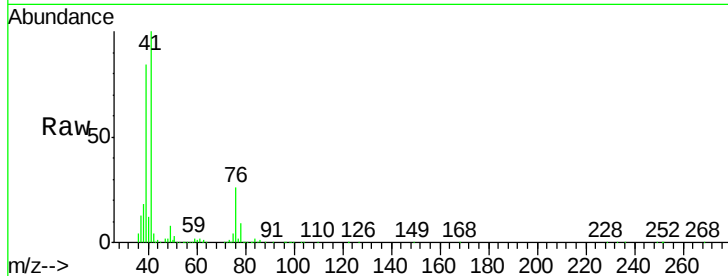


#21
Allvl Chloride
Concen: 8.692 ppbv
RT: 4.41
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 27 Apr 2021 1:20

Tot Ion:
Ion Ratio
41 100
76 28.
39 85.

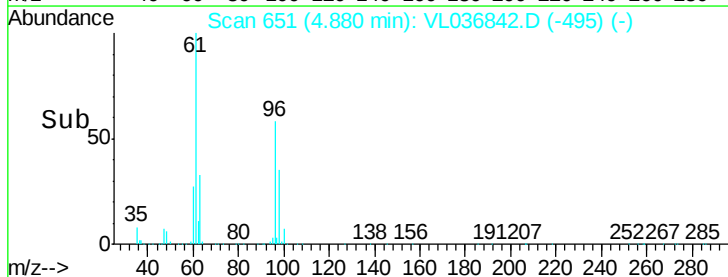
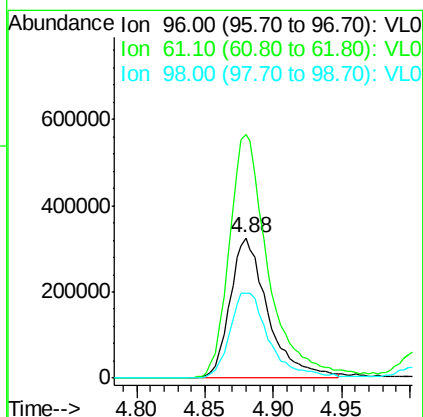
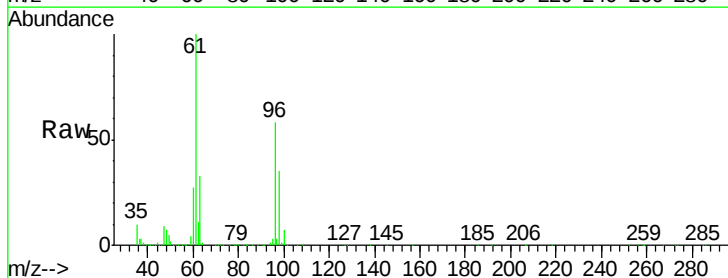
Manual Integrations
APPROVED

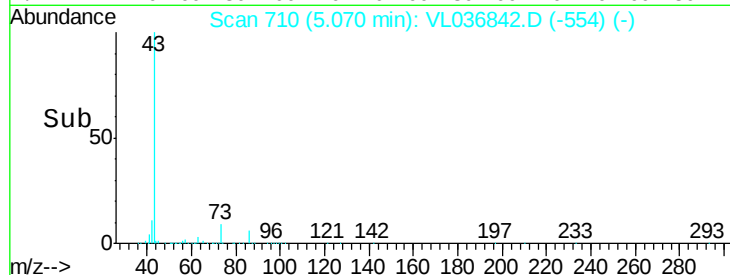
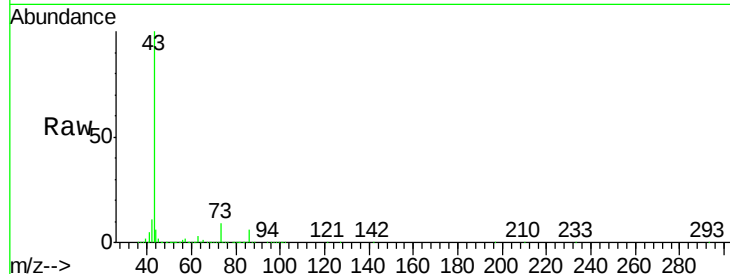
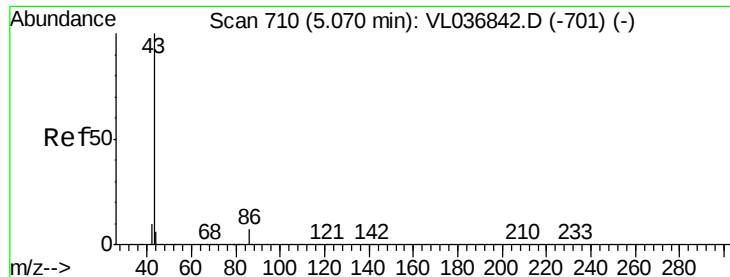
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#22
trans-1,2-Dichloroethene
Concen: 9.296 ppbv
RT: 4.88 min Scan# 651
Delta R.T.: 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion: 96 Resp: 628215
Ion Ratio Lower Upper
96 100
61 173.2 138.6 207.8
98 60.1 48.1 72.1



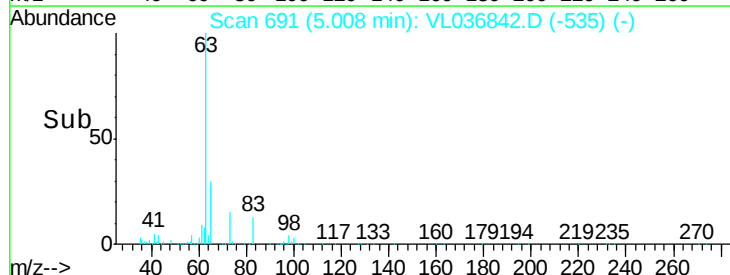
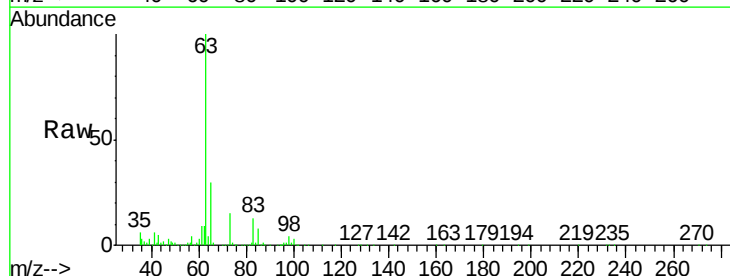
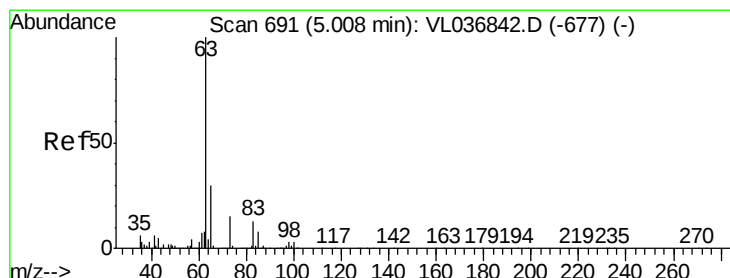
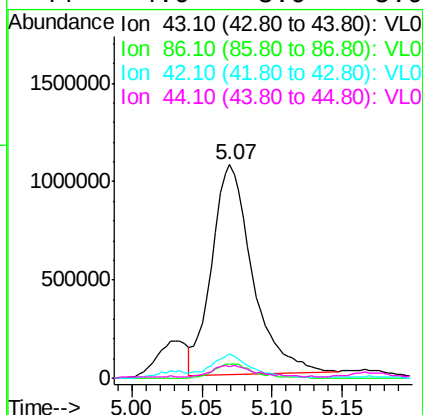


#23
 Vinyl Acetate
 Concen: 8.431 ppbv
 RT: 5.07
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 27 Apr 2021 1:20

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 10.
 44 4.9 3.9 5.9

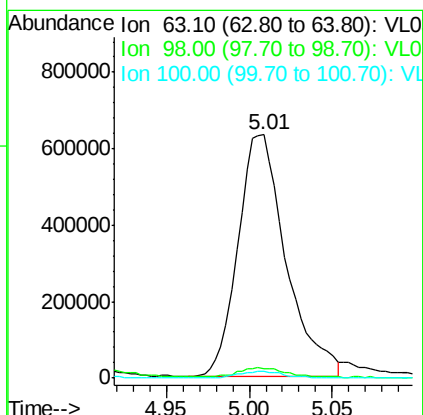
Manual Integrations APPROVED

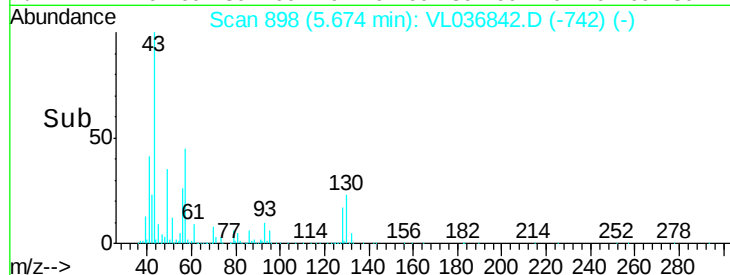
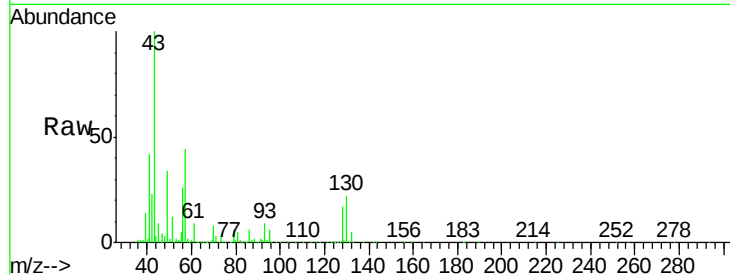
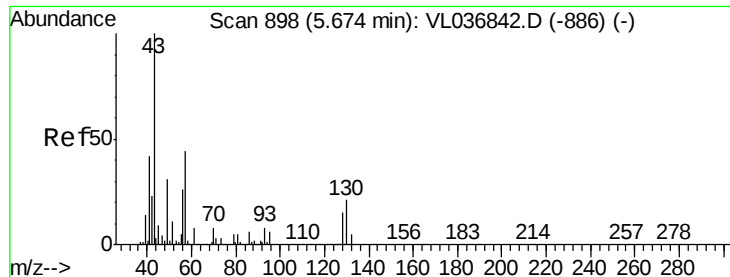
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#24
 1,1-Dichloroethane
 Concen: 7.106 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T.: 0.00 min
 Lab File: VL036842.D
 Acq: 27 Apr 2021 1:26

Tgt Ion: 63 Resp: 1283656
 Ion Ratio Lower Upper
 63 100
 98 3.4 1.7 5.1
 100 2.5 1.3 3.8



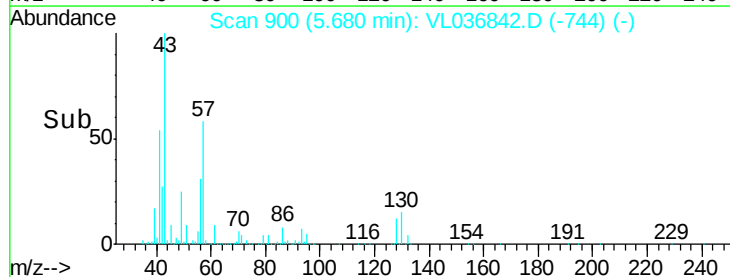
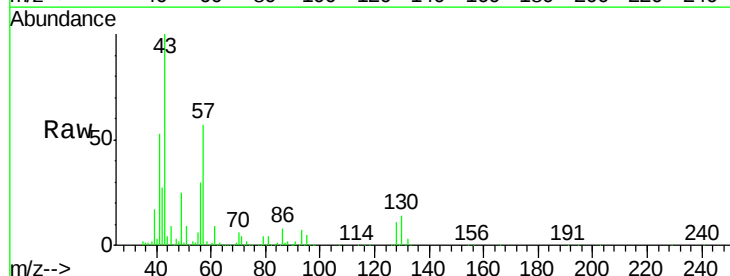
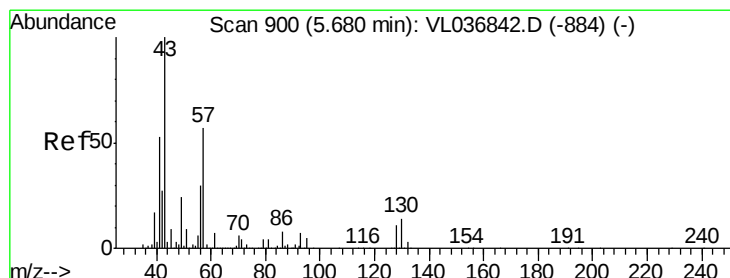
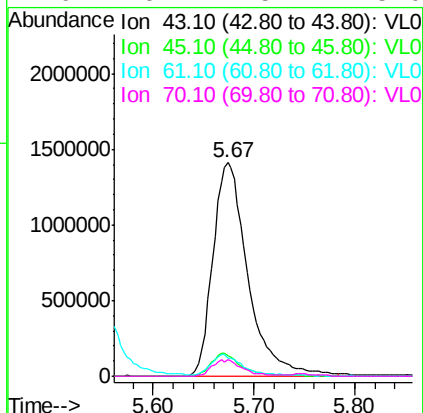


#25
Ethyl Acetate
Concen: 9.283 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 27 Apr 2021 1:20

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.7 5.4 8.0

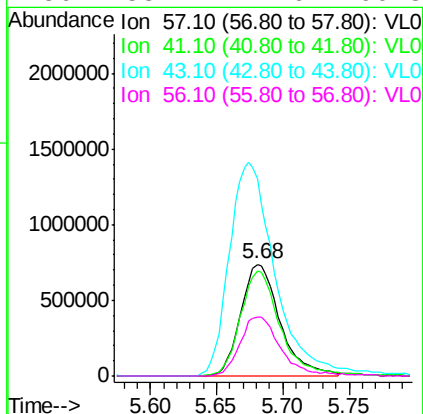
Manual Integrations
APPROVED

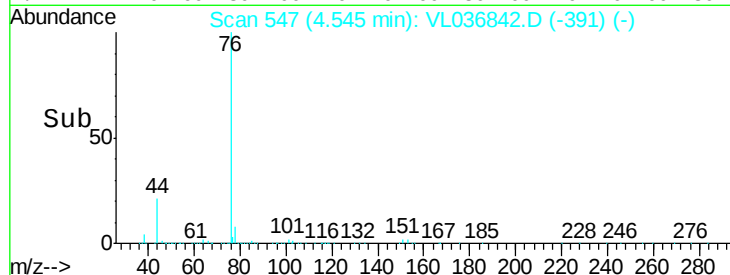
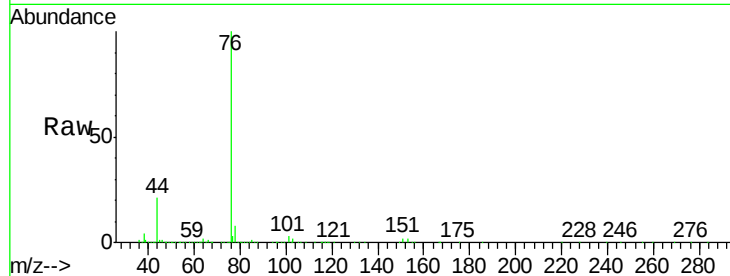
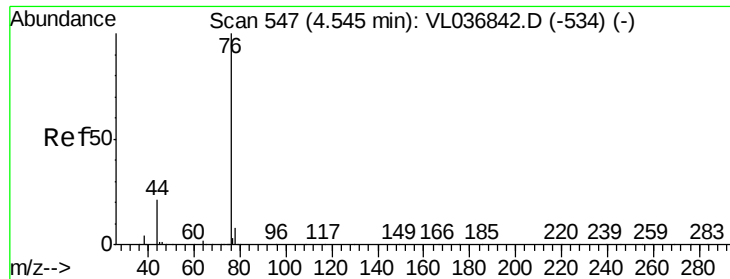
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#26
Hexane
Concen: 9.074 ppbv
RT: 5.68 min Scan# 900
Delta R.T.: 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion: 57 Resp: 1519940
Ion Ratio Lower Upper
57 100
41 97.1 77.7 116.5
43 225.6 180.5 270.7
56 55.7 44.6 66.8



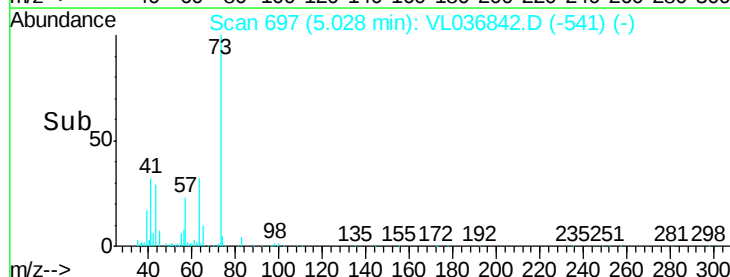
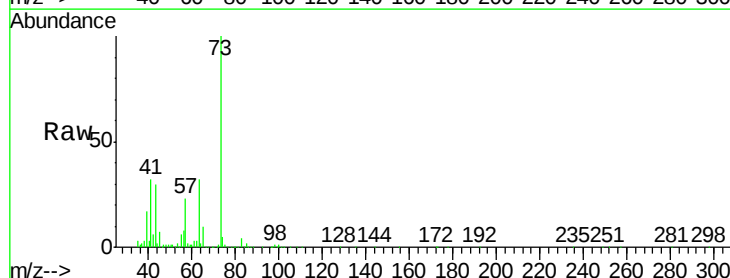
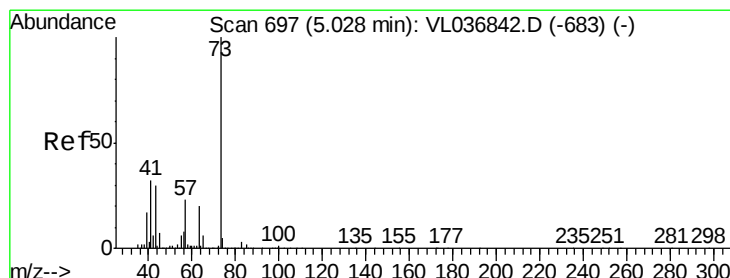
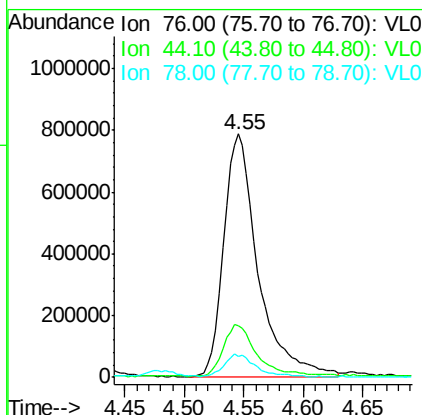


#27
Carbon Disulfide
Concen: 9.546 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 1:26

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

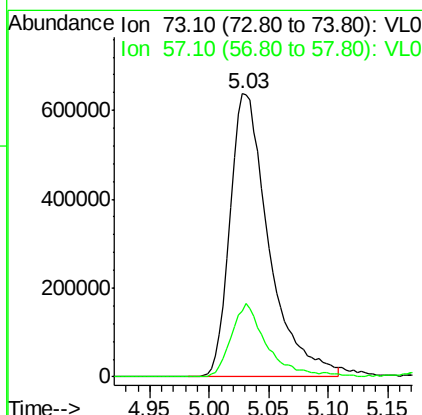
Manual Integrations
APPROVED

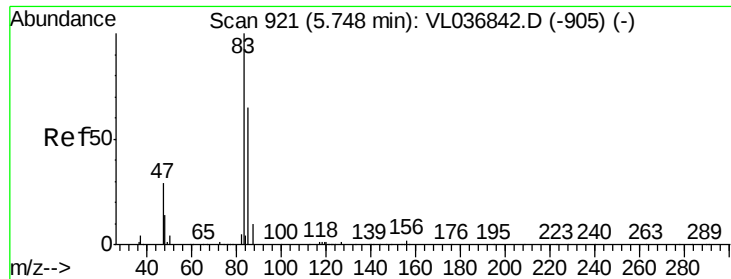
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#28
Methyl tert-Butyl Ether
Concen: 7.662 ppbv
RT: 5.03 min Scan# 697
Delta R.T. 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion: 73 Resp: 1450960
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.6



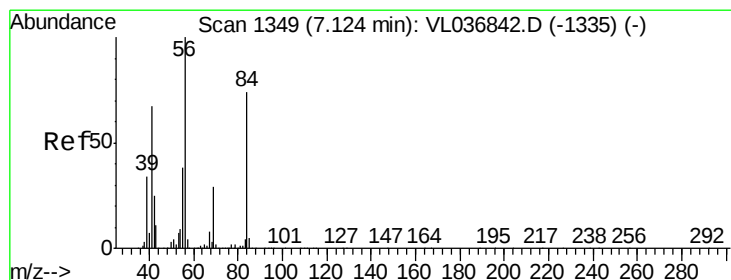
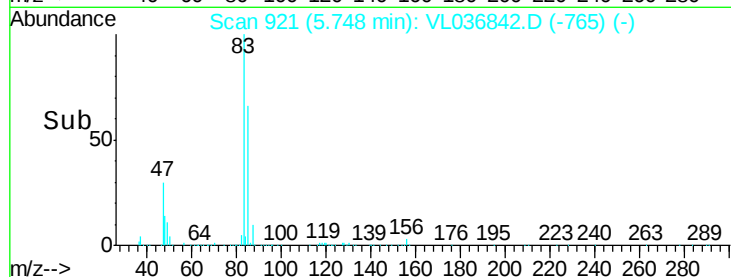
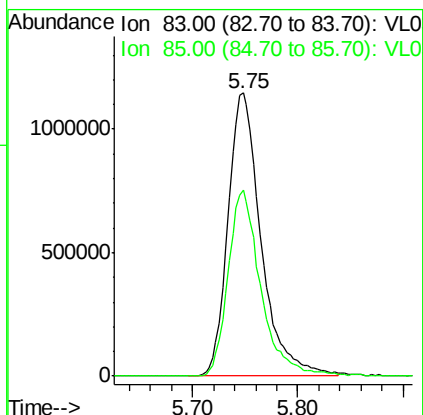
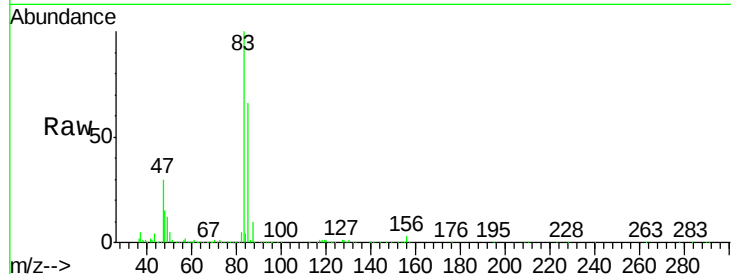


#29
Chloroform
Concen: 9.199 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 27 Apr 2021 1:20

Tot Ion:
Ion Ratio
83 100
85 65.

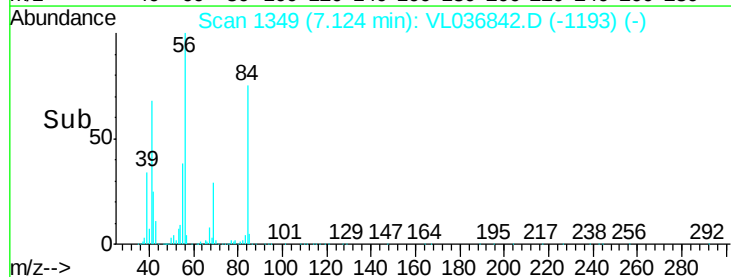
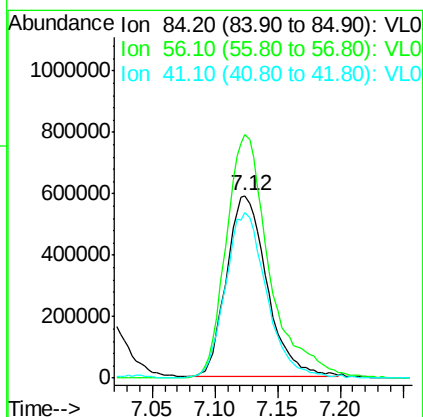
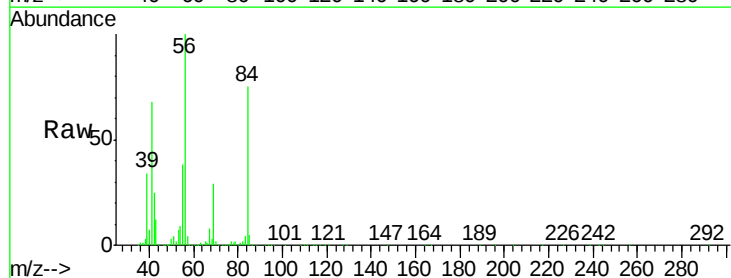
Manual Integrations
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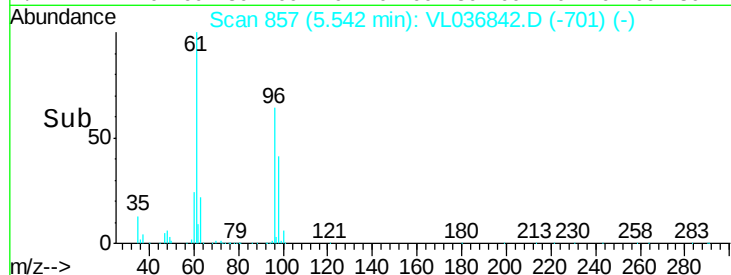
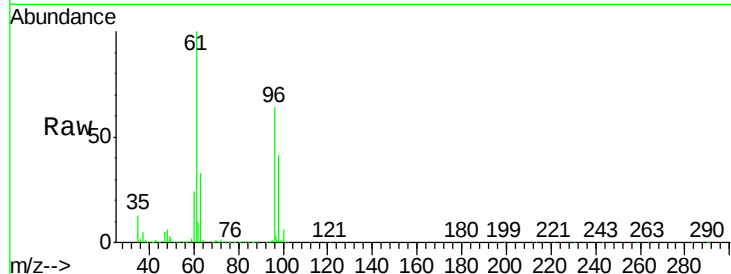
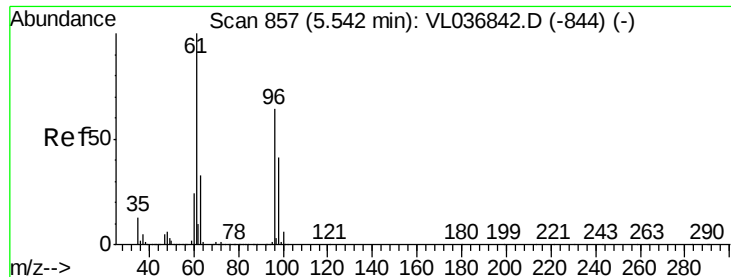
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#30
Cyclohexane
Concen: 9.669 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion: 84 Resp: 1320071
Ion Ratio Lower Upper
84 100
56 144.7 115.8 173.6
41 93.2 74.6 111.8



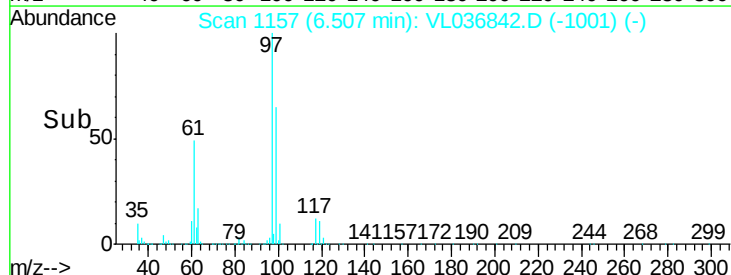
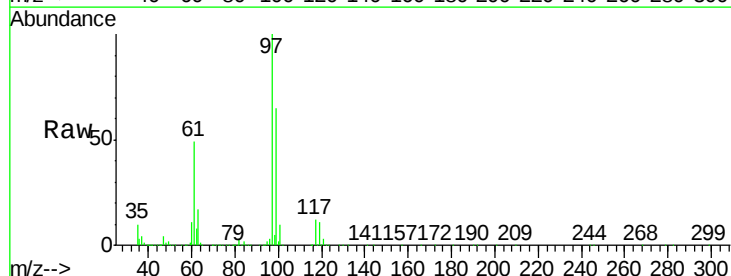
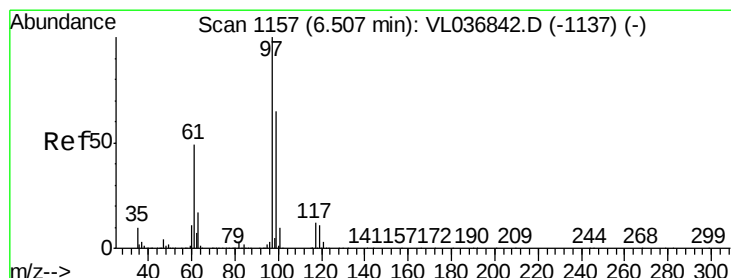
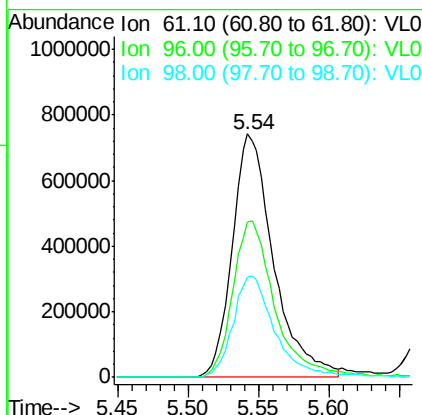


#31
 cis-1,2-Dichloroethene
 Concen: 9.380 ppbv
 RT: 5.54
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 1:20

Tot Ion:
 Ion Ratio
 61 100
 96 63.
 98 40.

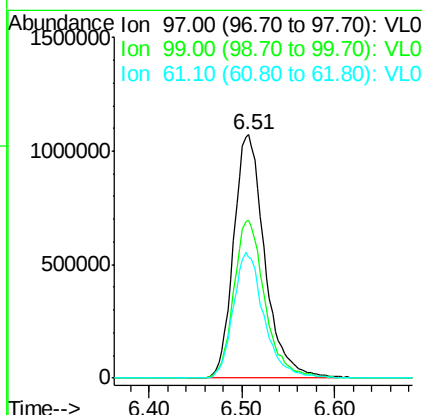
Manual Integrations
 APPROVED

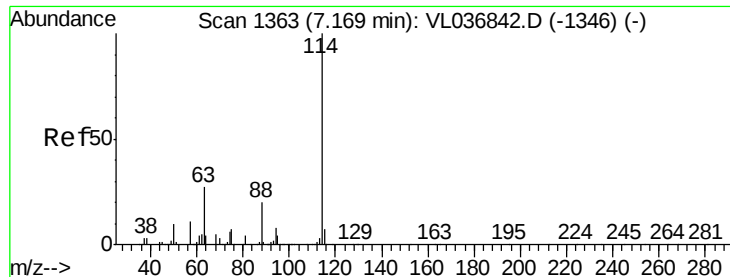
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#32
 1,1,1-Trichloroethane
 Concen: 9.180 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T.: 0.00 min
 Lab File: VL036842.D
 Acq: 27 Apr 2021 1:26

Tgt Ion: 97 Resp: 2501981
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.8 77.6
 61 51.0 40.8 61.2



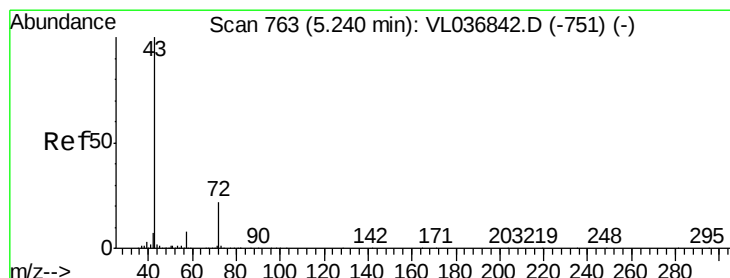
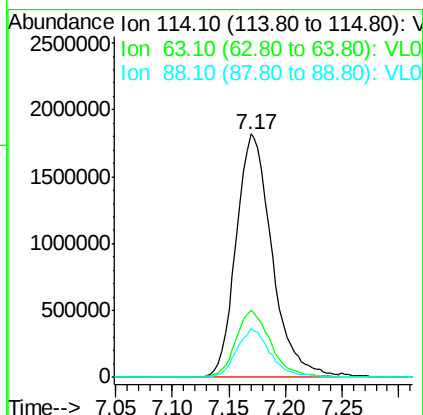
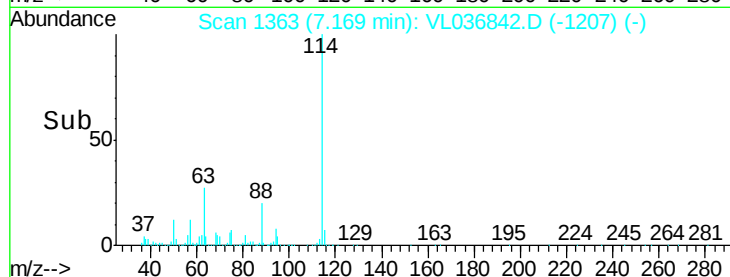
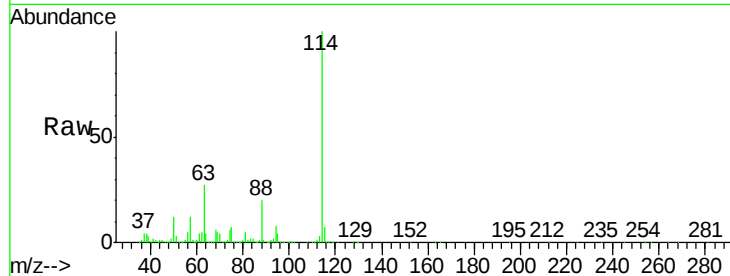


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 27 Apr 2021 1:20

Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

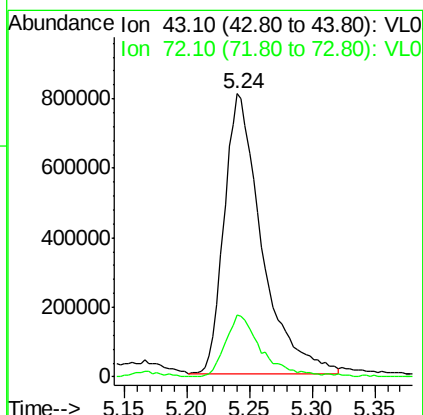
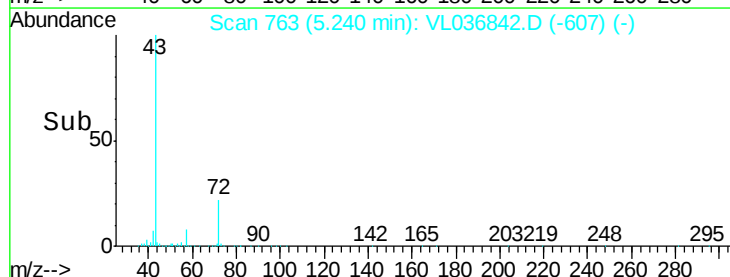
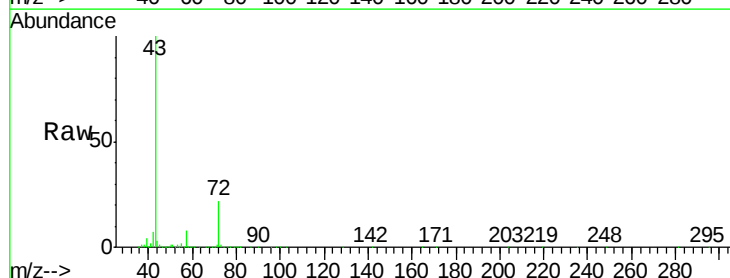
Manual Integrations
 APPROVED

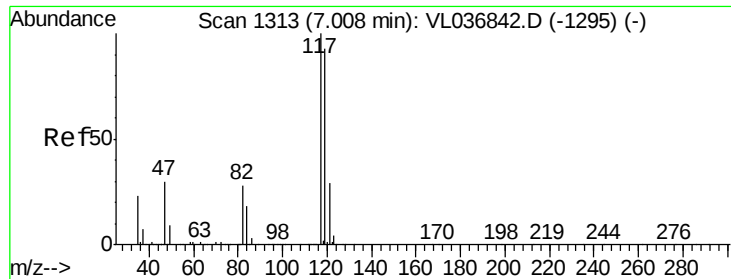
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#34
 2-Butanone
 Concen: 8.683 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: VL036842.D
 Acq: 27 Apr 2021 1:26

Tgt Ion: 43 Resp: 1675182
 Ion Ratio Lower Upper
 43 100
 72 22.0 17.5 26.3



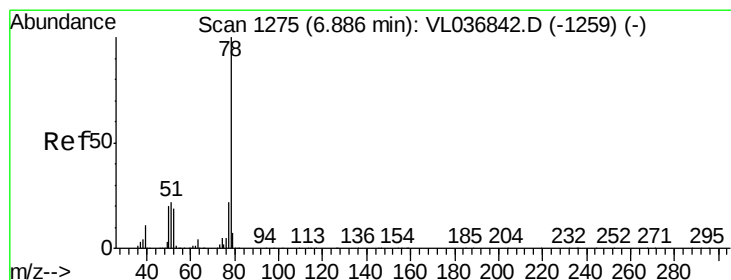
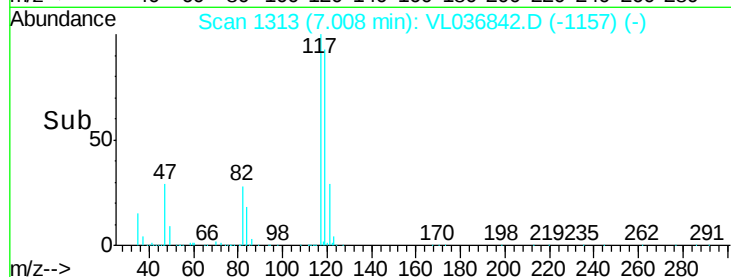
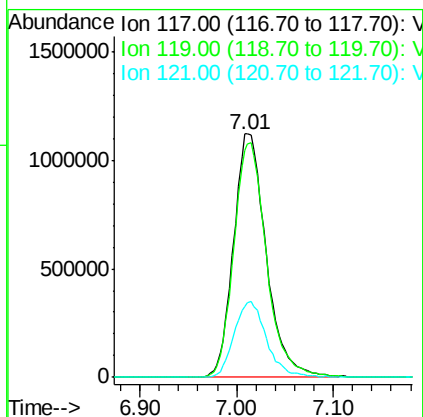
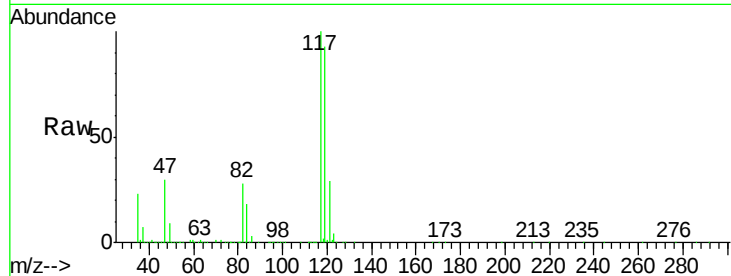


#35
Carbon Tetrachloride
Concen: 8.560 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 1:20

Tot Ion:1
Ion Rati
117 100
119 93.
121 29.

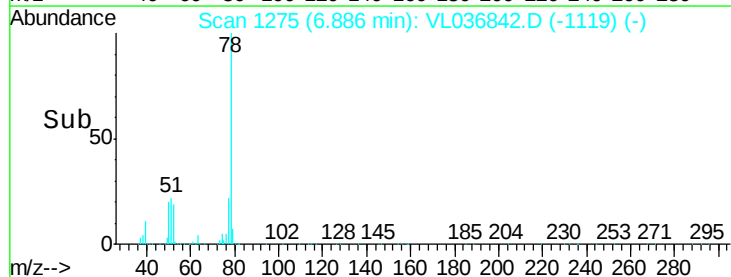
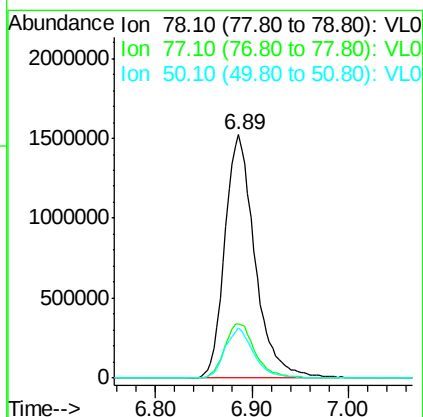
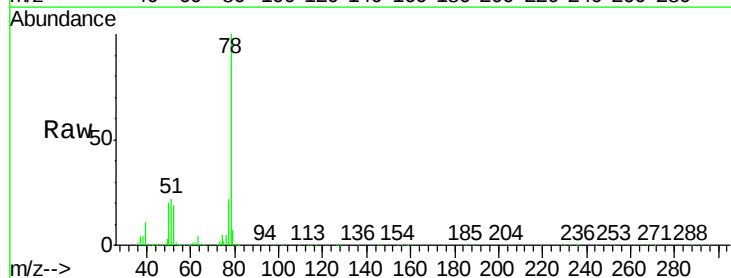
Manual Integrations
APPROVED

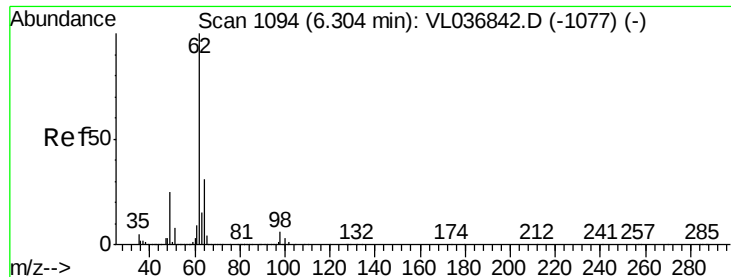
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#36
Benzene
Concen: 8.959 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion: 78 Resp: 3293305
Ion Ratio Lower Upper
78 100
77 22.0 17.6 26.4
50 20.4 16.3 24.5



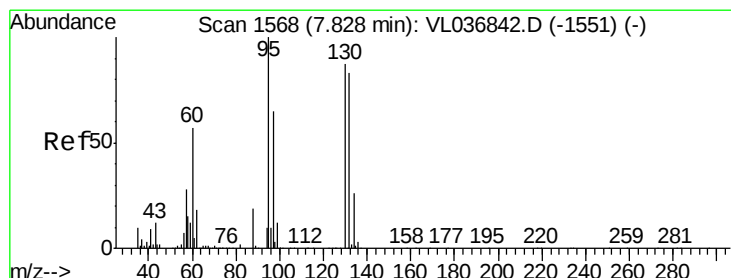
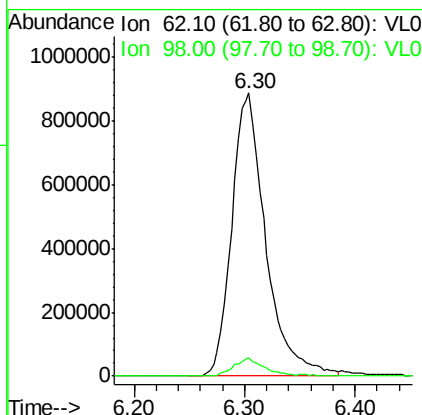
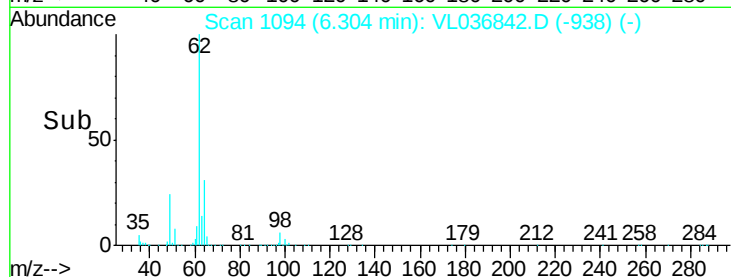
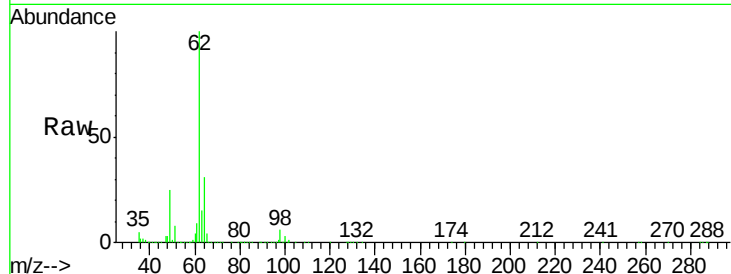


#37
 1,2-Dichloroethane
 Concen: 8.775 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 1:26

Tot Ion:
 Ion Ratio
 62 100
 98 6.

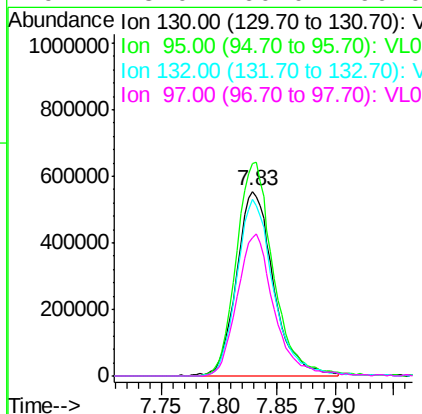
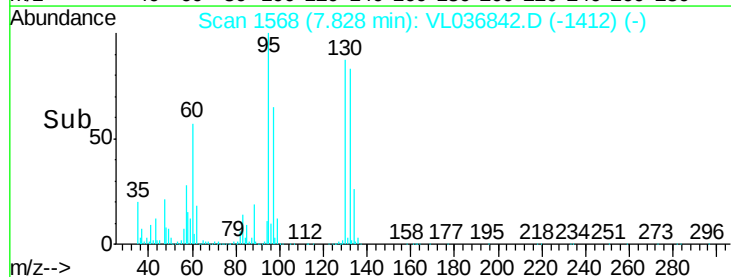
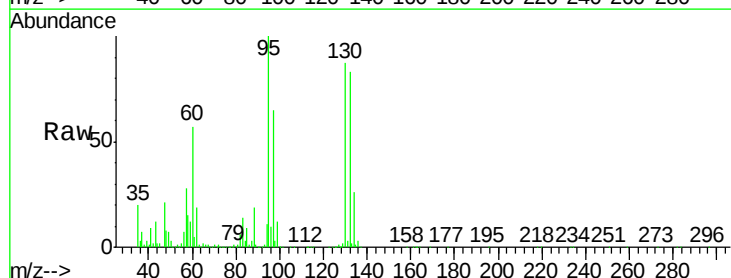
Manual Integrations
 APPROVED

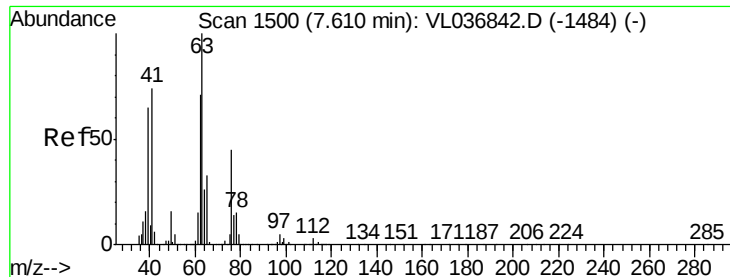
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#38
 Trichloroethene
 Concen: 8.425 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL036842.D
 Acq: 27 Apr 2021 1:26

Tgt Ion:130 Resp: 1214423
 Ion Ratio Lower Upper
 130 100
 95 115.4 92.3 138.5
 132 96.0 76.8 115.2
 97 75.0 60.0 90.0



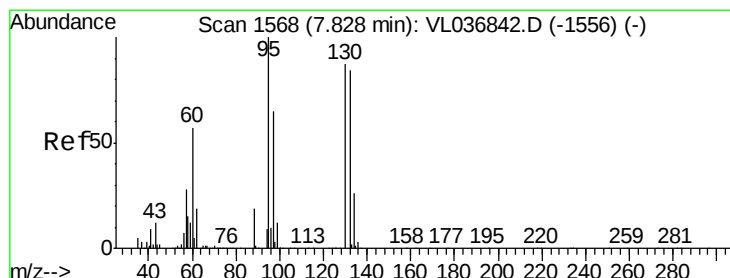
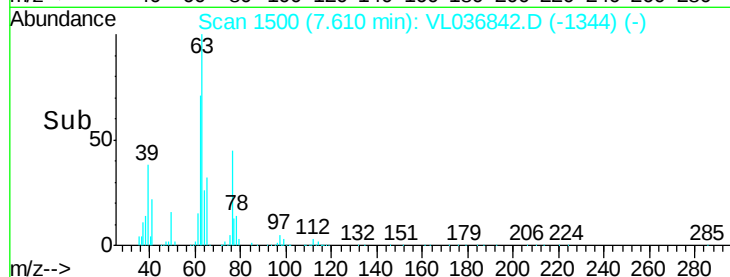
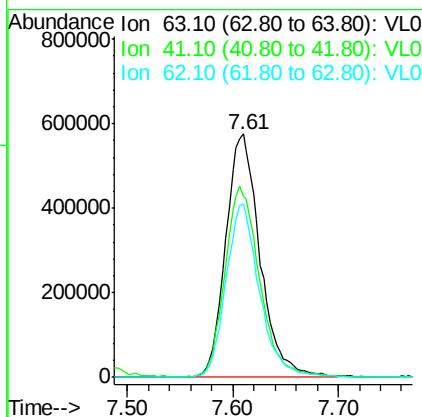
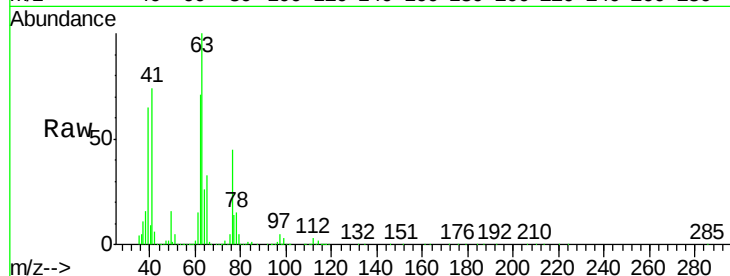


#39
 1,2-Dichloropropane
 Concen: 8.690 ppbv
 RT: 7.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 27 Apr 2021 1:20

Tot Ion:
 Ion Ratio
 63 100
 41 73.
 62 71.

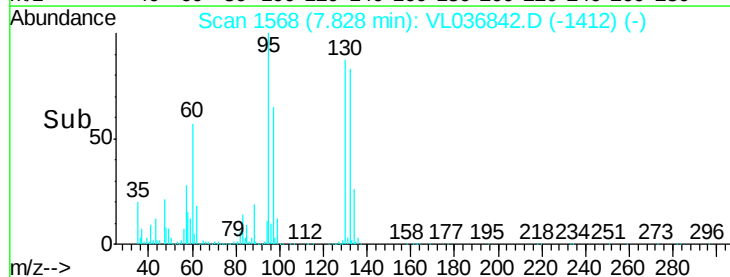
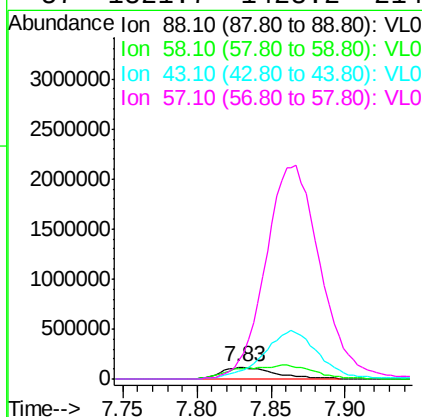
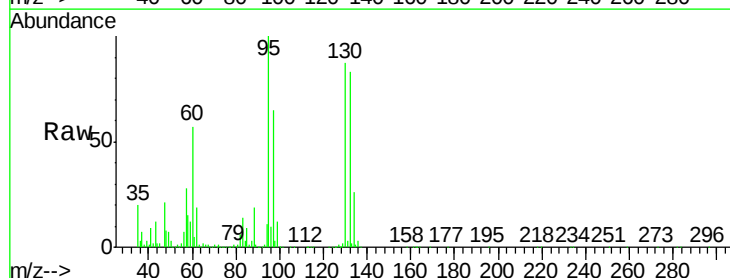
Manual Integrations
 APPROVED

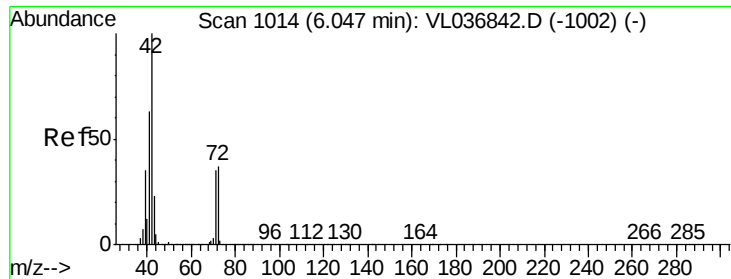
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#40
 1,4-Dioxane
 Concen: 8.699 ppbv m
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL036842.D
 Acq: 27 Apr 2021 1:26

Tgt Ion: 88 Resp: 304403
 Ion Ratio Lower Upper
 88 100
 58 165.7 129.8 194.8
 43 414.4 326.5 489.7
 57 1821.7 1428.2 2142.4



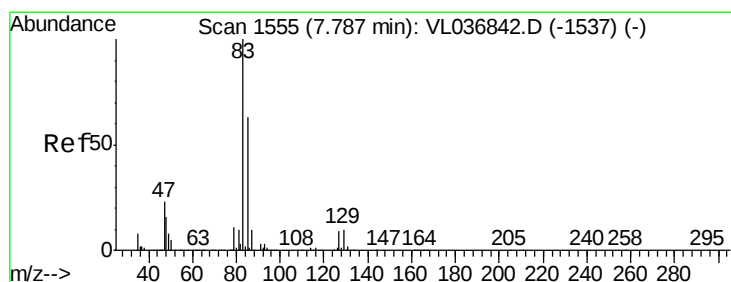
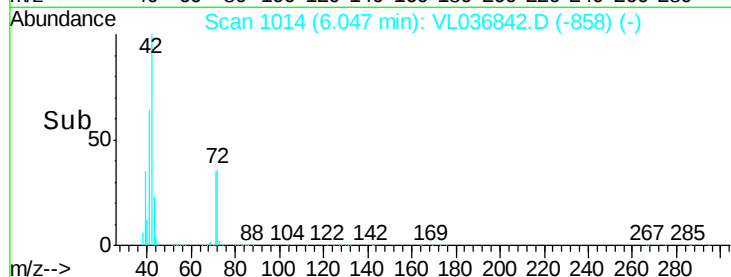
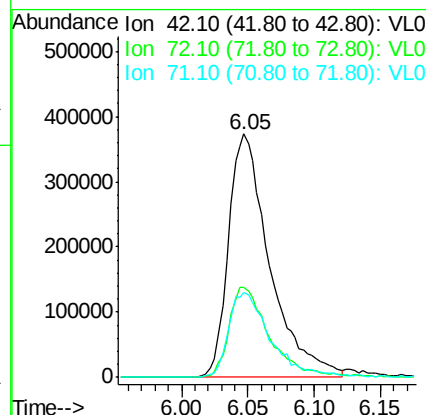
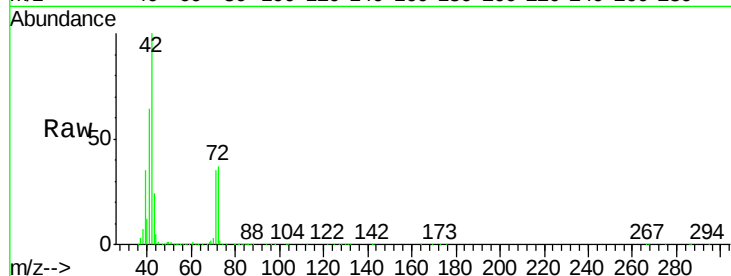


#41
Tetrahydrofuran
Concen: 9.110 ppbv
RT: 6.05
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 1:20

Tot Ion:
Ion Ratio
42 100
72 37.
71 36.

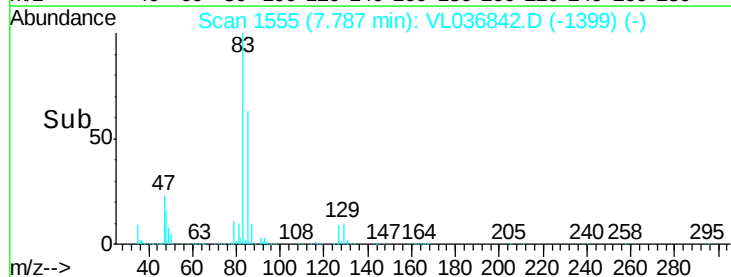
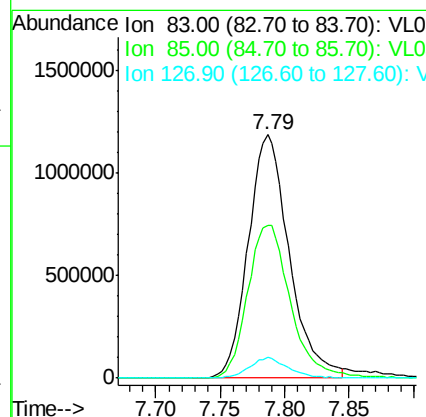
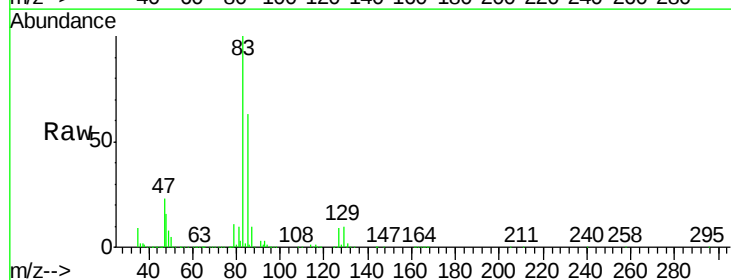
Manual Integrations
APPROVED

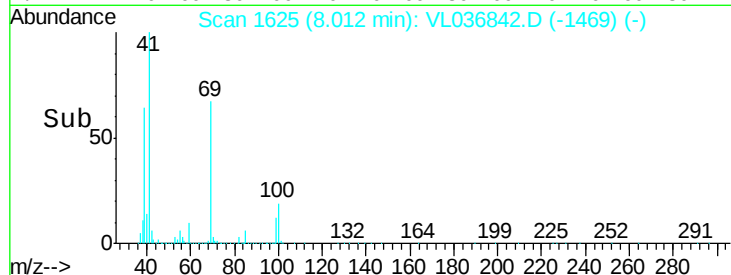
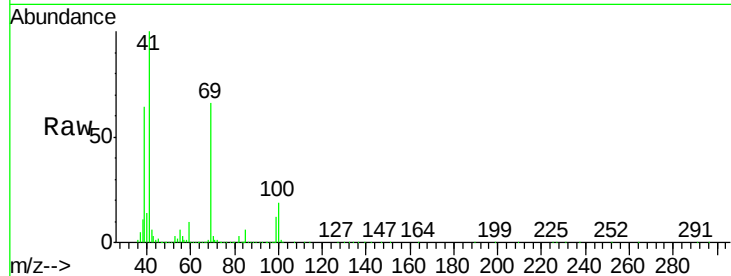
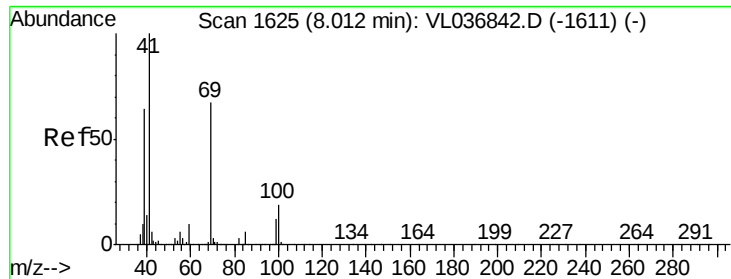
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#42
Bromodichloromethane
Concen: 8.970 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion: 83 Resp: 2627811
Ion Ratio Lower Upper
83 100
85 63.0 50.4 75.6
127 8.6 6.9 10.3





#43

Methyl Methacrylate

Concen: 9.658 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId : VSTDICCC010

Acq: 27 Apr 2021 1:26

Tot Ion:

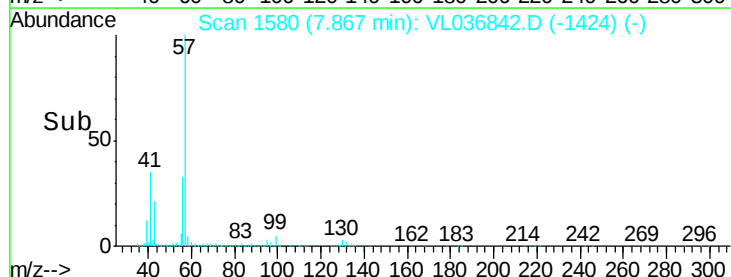
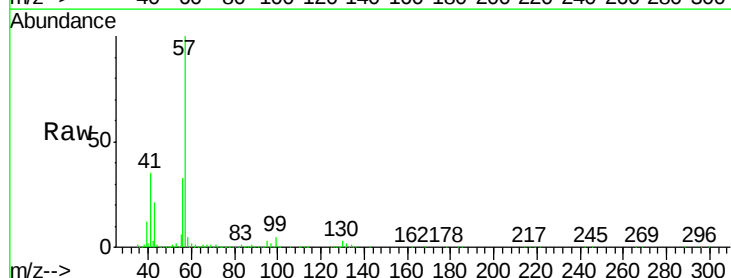
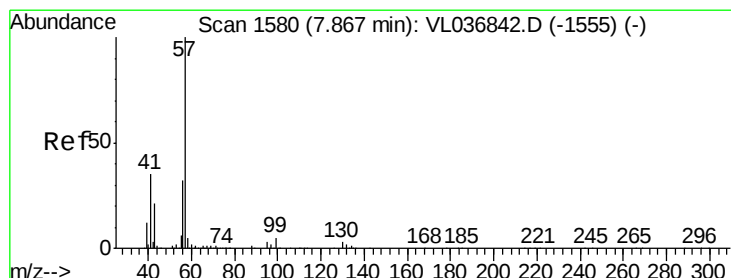
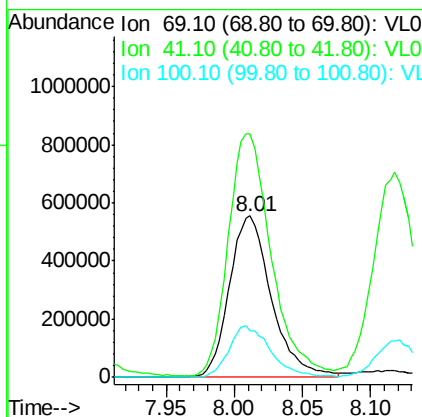
Ion	Ratio
69	100
41	155.
100	31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#44

2,2,4-Trimethylpentane

Concen: 8.562 ppbv

RT: 7.87 min Scan# 1580

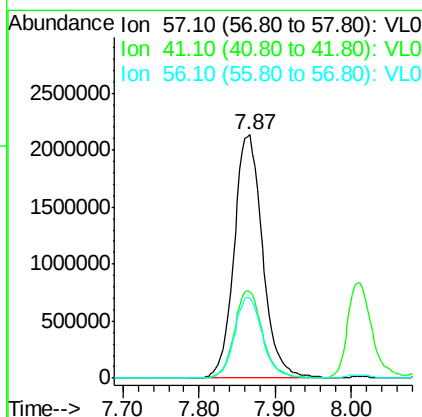
Delta R.T. 0.00 min

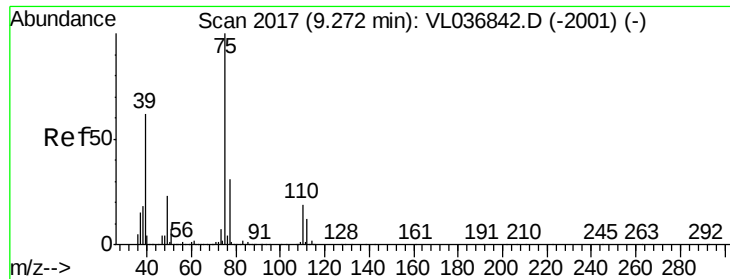
Lab File: VL036842.D

Acq: 27 Apr 2021 1:26

Tgt Ion: 57 Resp: 5551703

Ion	Ratio	Lower	Upper
57	100		
41	35.3	28.3	42.5
56	32.4	25.9	38.9





#45

t-1,3-Dichloropropene

Concen: 10.078 ppbv

RT: 9.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 1:28 VSTDICCC010

Tot Ion:

Ion Ratio

75 100

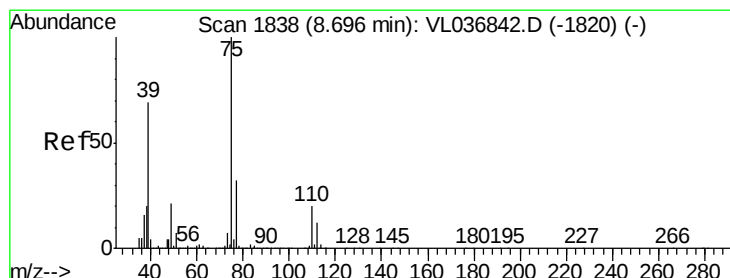
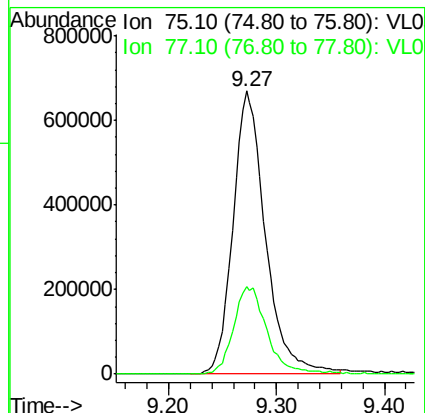
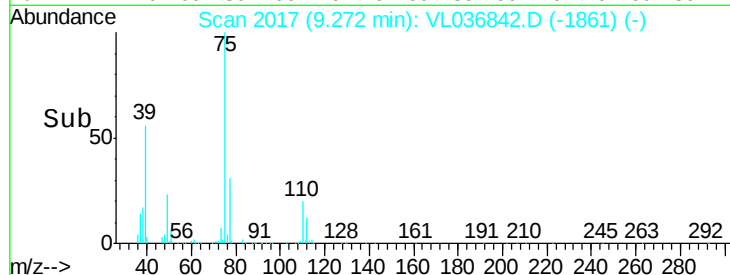
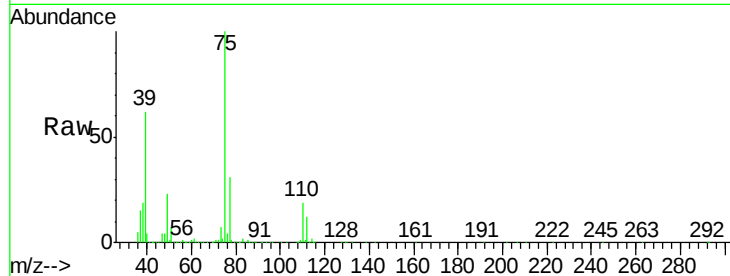
77 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#46

cis-1,3-Dichloropropene

Concen: 9.609 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VL036842.D

Acq: 27 Apr 2021 1:26

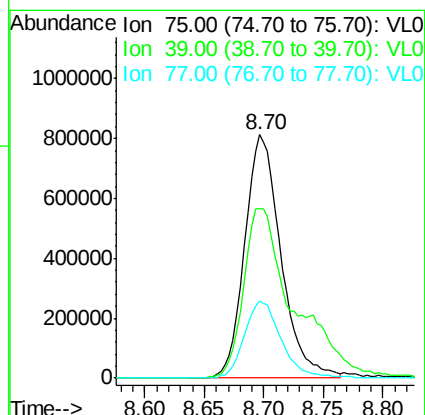
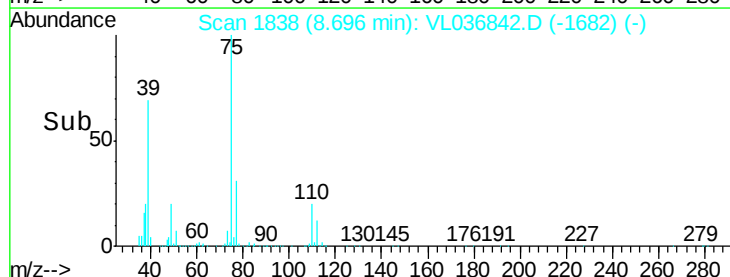
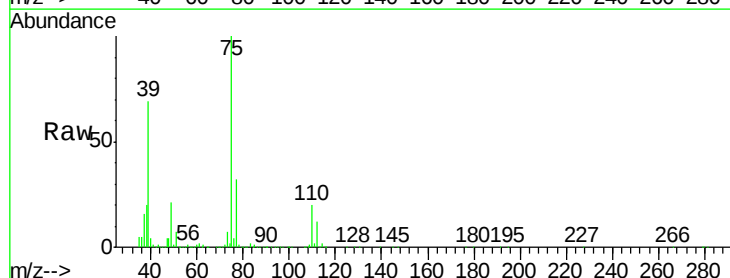
Tgt Ion: 75 Resp: 1711722

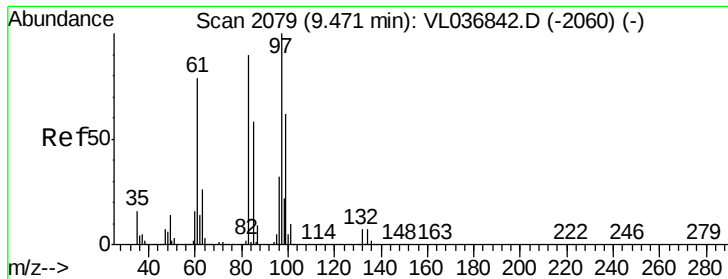
Ion Ratio Lower Upper

75 100

39 69.2 55.4 83.0

77 31.5 25.2 37.8



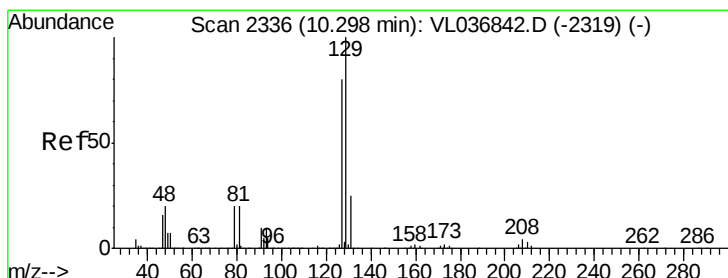
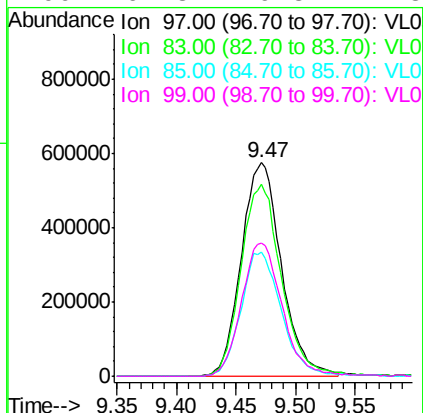
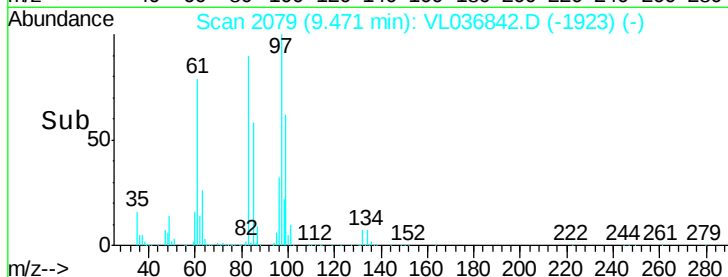
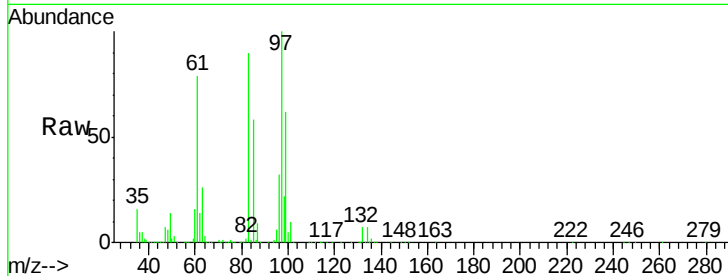


#47
 1,1,2-Trichloroethane
 Concen: 8.871 ppbv
 RT: 9.47 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 27 Apr 2021 1:20

Tot Ion:
 Ion Ratio
 97 100
 83 89.
 85 58.
 99 62.3 49.8 74.8

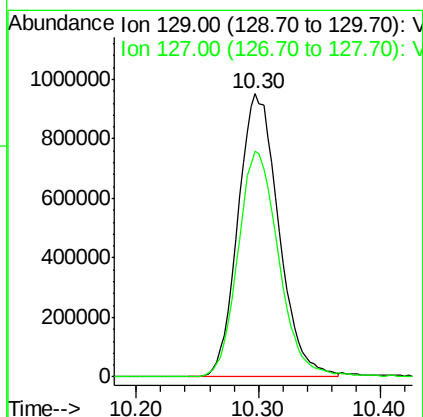
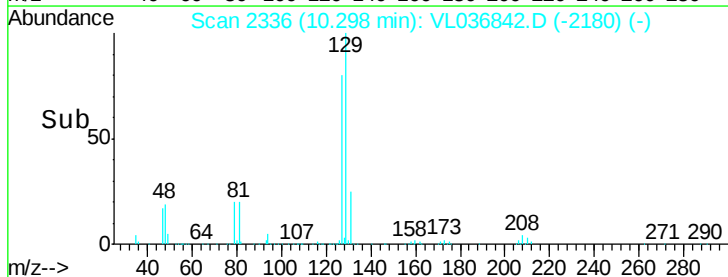
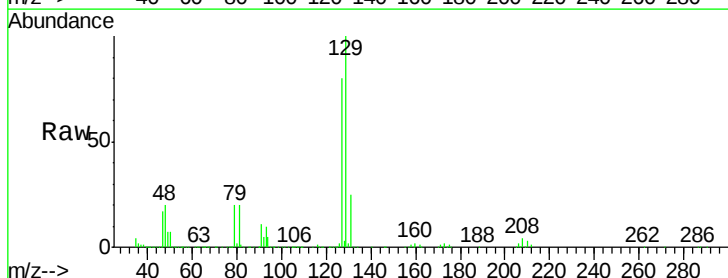
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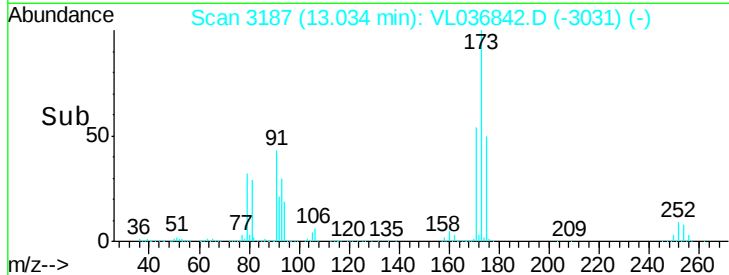
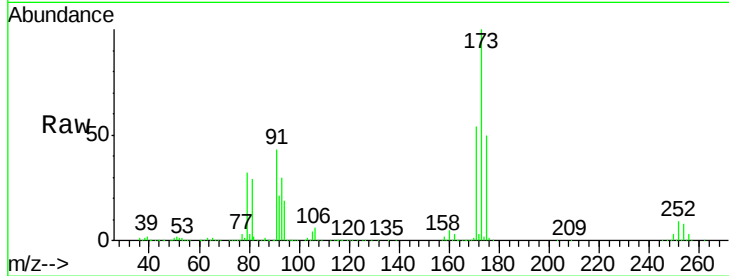
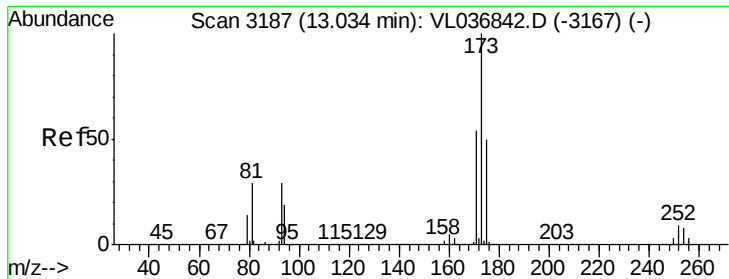
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#48
 Dibromochloromethane
 Concen: 9.540 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T.: 0.00 min
 Lab File: VL036842.D
 Acq: 27 Apr 2021 1:26

Tgt Ion:129 Resp: 2191710
 Ion Ratio Lower Upper
 129 100
 127 80.3 40.2 120.5





#49

Bromoform

Concen: 9.817 ppbv

RT: 13.03

Delta R.T.

Lab File:

Acq: 27 Apr 2021

Instrument:

MSVOA_L

ClientSampleId:

VSTDICCC010

1.20

Tot Ion:1

Ion Rati

173 100

175 49.

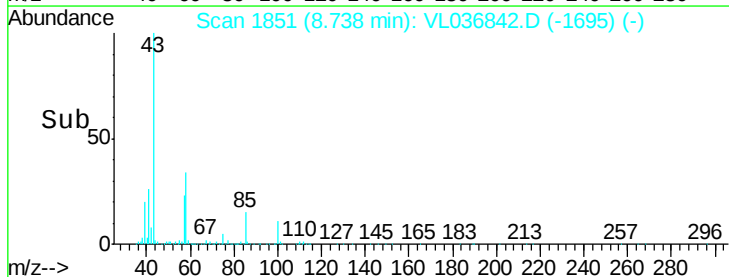
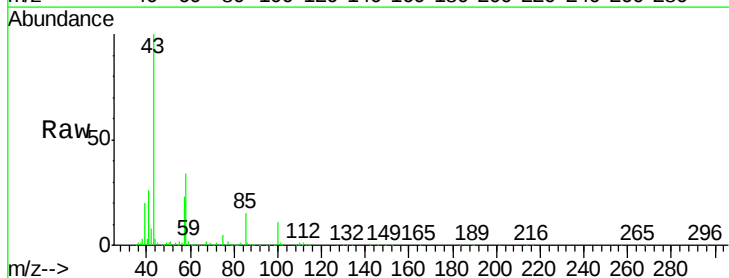
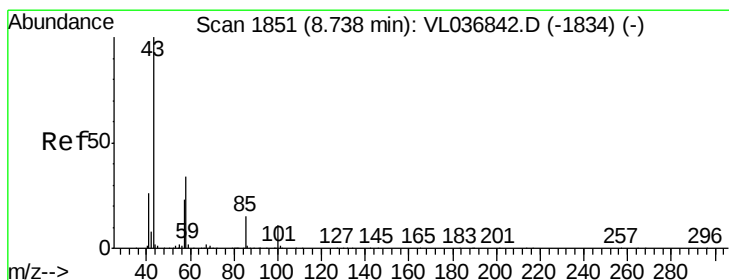
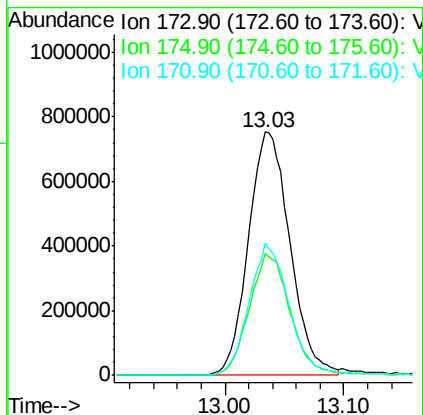
171 52.

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#50

4-Methyl-2-Pentanone

Concen: 9.133 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VL036842.D

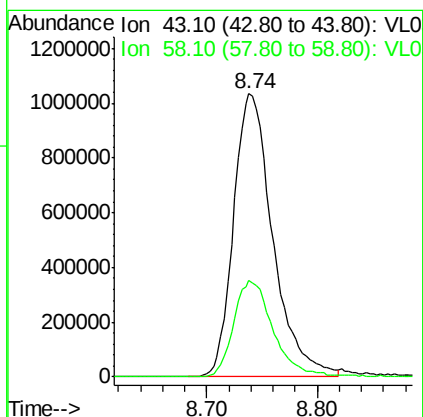
Acq: 27 Apr 2021 1:26

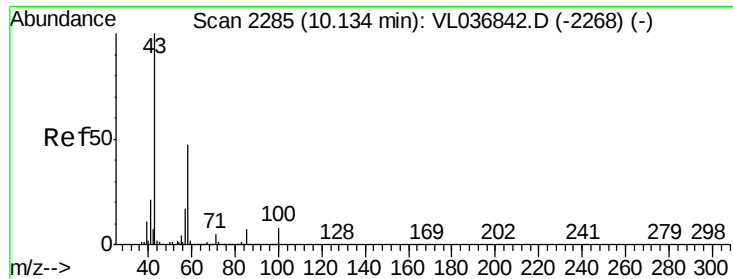
Tgt Ion: 43 Resp: 2544558

Ion Ratio Lower Upper

43 100

58 34.8 27.8 41.8



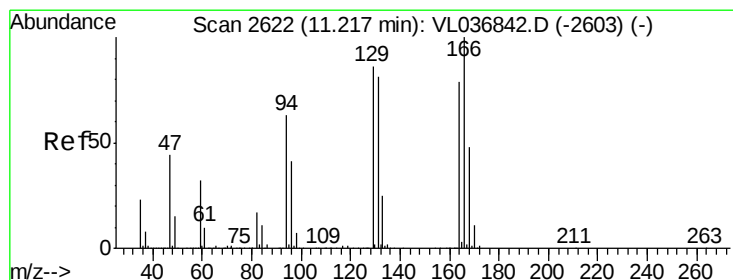
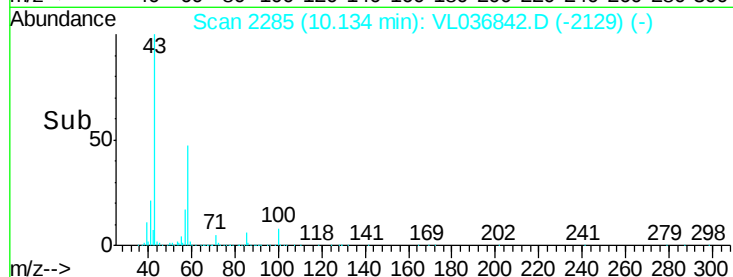
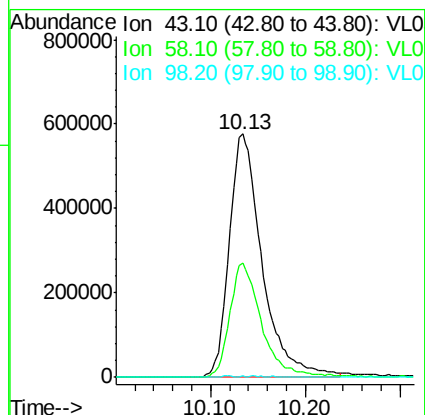
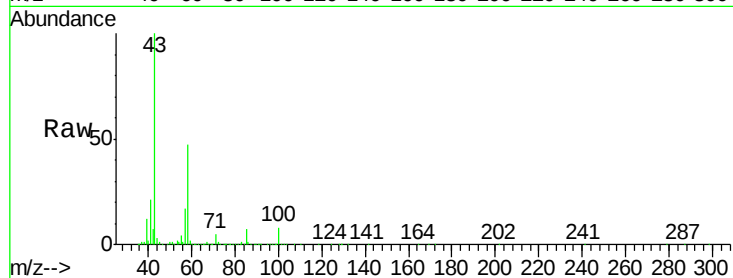


#51
2-Hexanone
Concen: 9.930 ppbv
RT: 10.13 min
Delta R.T.: 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tot Ion:
Ion Ratio
43 100
58 46.1
98 0.1

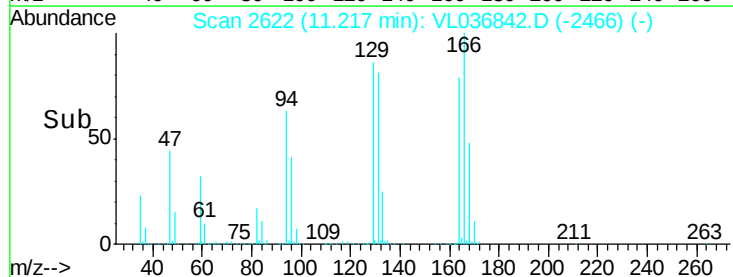
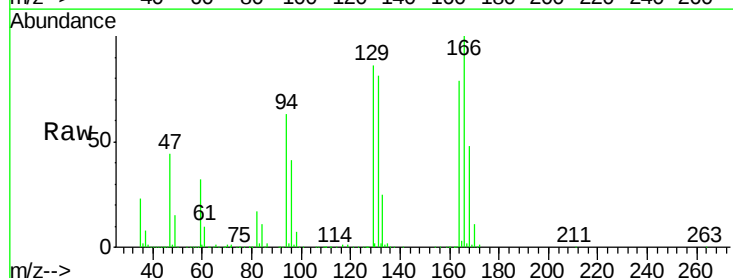
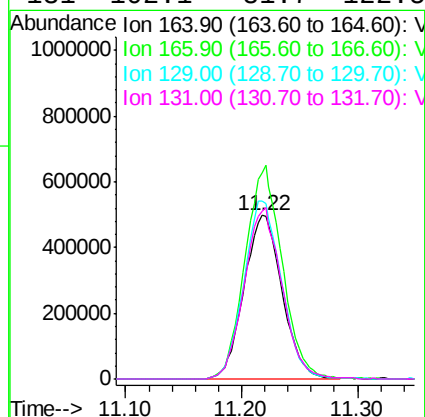
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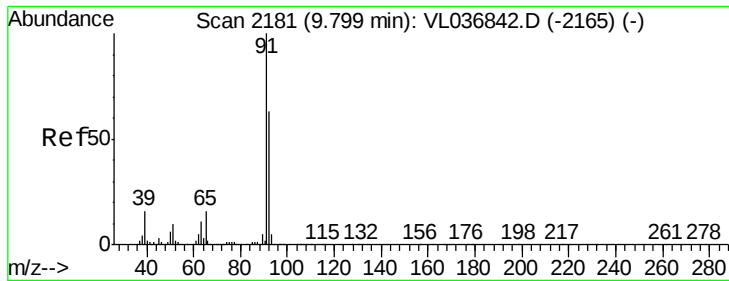
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#52
Tetrachloroethene
Concen: 8.376 ppbv
RT: 11.22 min Scan# 2622
Delta R.T.: 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion:164 Resp: 1138333
Ion Ratio Lower Upper
164 100
166 126.1 100.9 151.3
129 108.7 87.0 130.4
131 102.1 81.7 122.5





#53

Toluene

Concen: 9.412 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 1:20

Tot Ion:

Ion Ratio

91 100

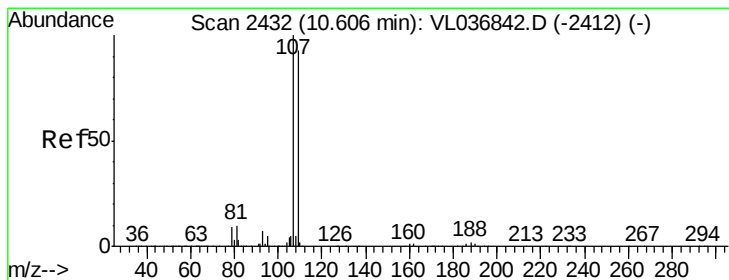
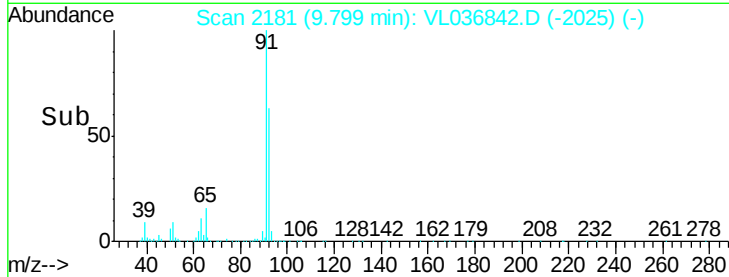
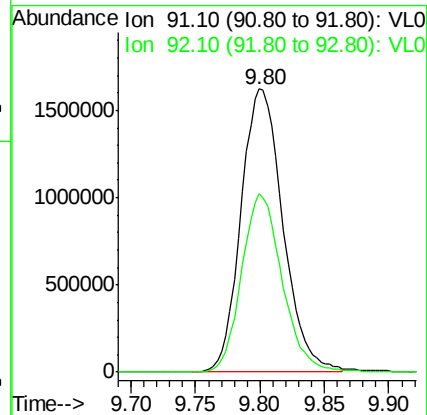
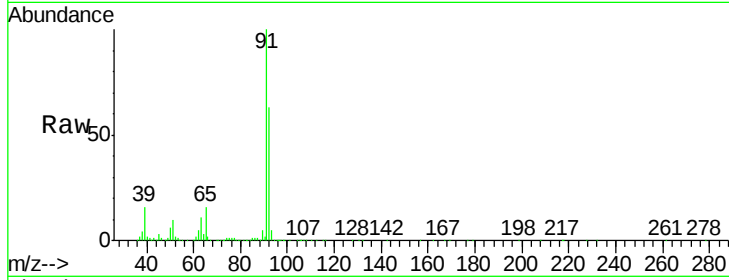
92 61.

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APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#54

1,2-Dibromoethane

Concen: 9.012 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.00 min

Lab File: VL036842.D

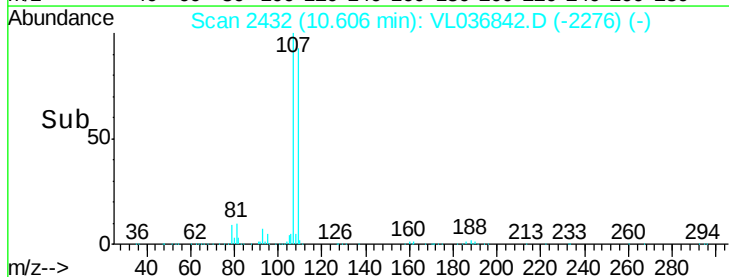
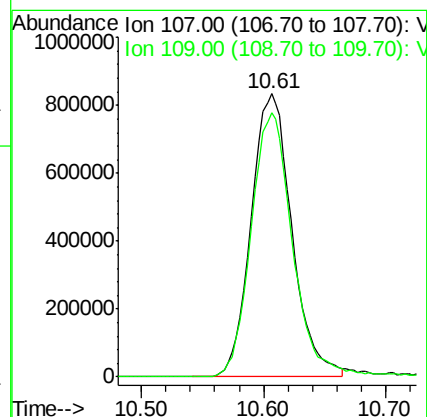
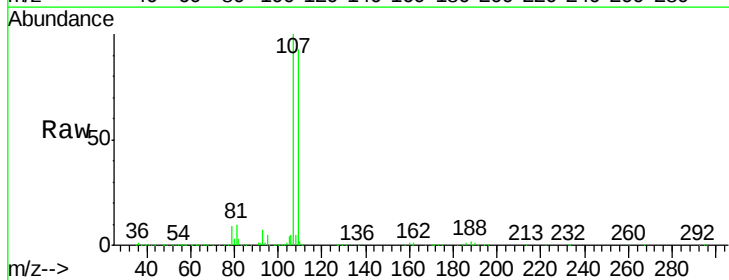
Acq: 27 Apr 2021 1:26

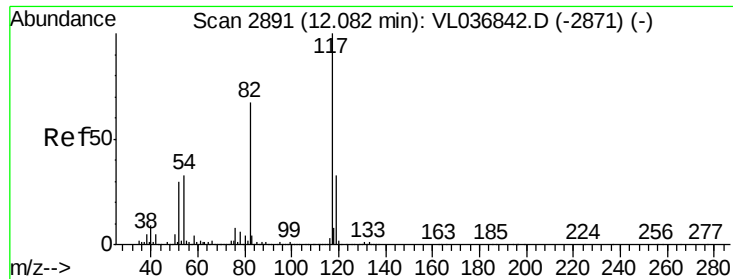
Tgt Ion:107 Resp: 1922299

Ion Ratio Lower Upper

107 100

109 93.4 74.7 112.1



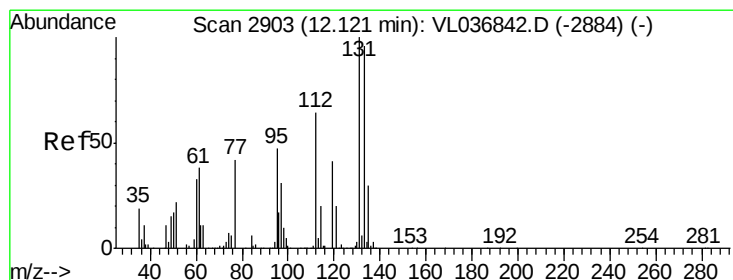
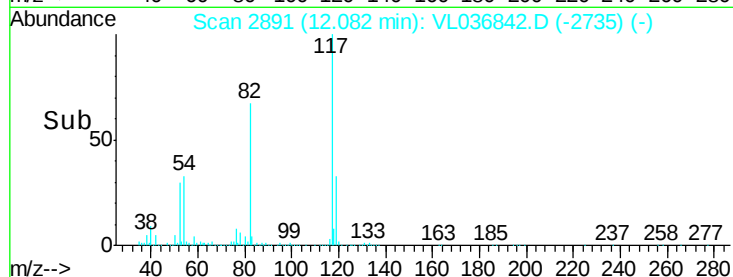
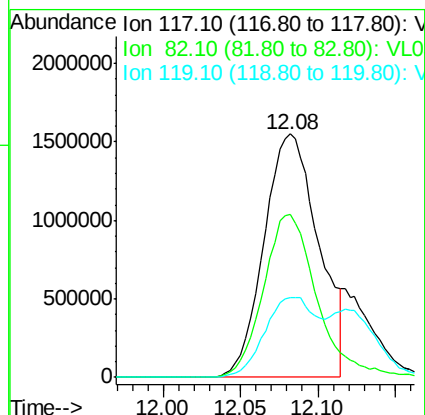
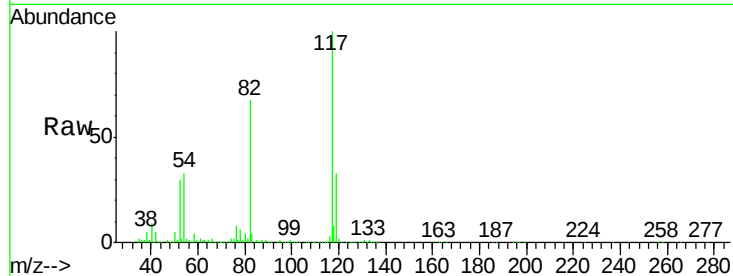


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDICCC010
Acq: 27 Apr 2021 1:20

Tot Ion:1
Ion Rati
117 100
82 66.
119 32.

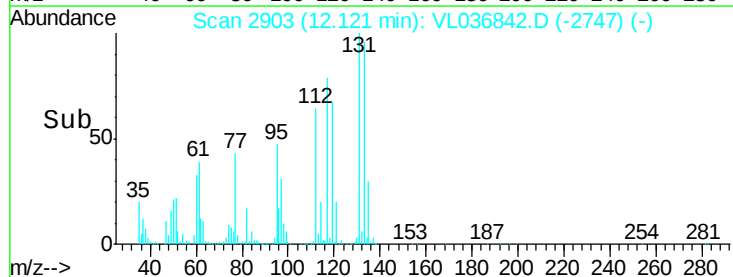
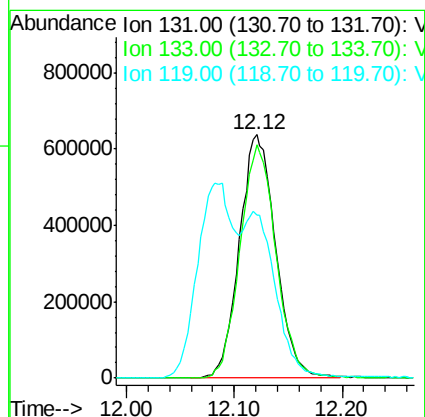
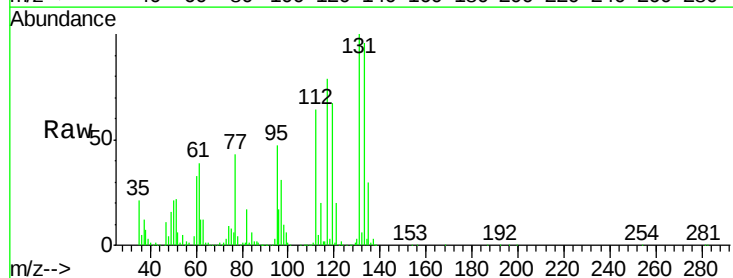
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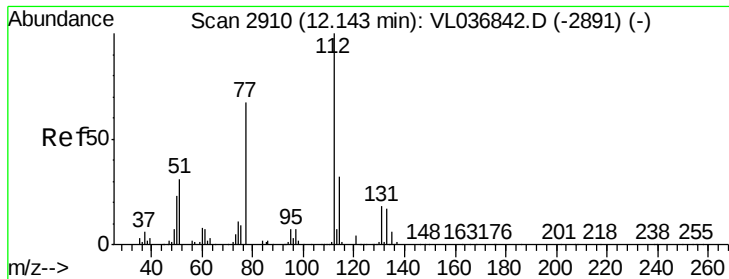
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 8.823 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion:131 Resp: 1493637
Ion Ratio Lower Upper
131 100
133 95.4 76.2 114.4
119 143.6 114.6 171.8



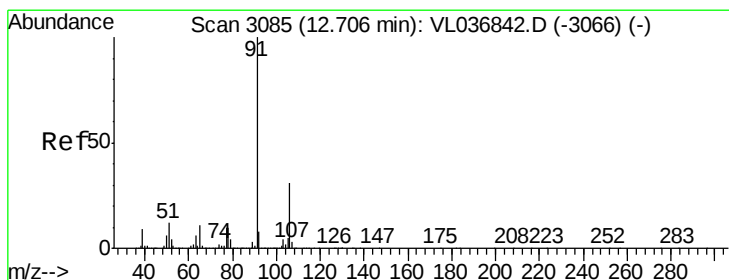
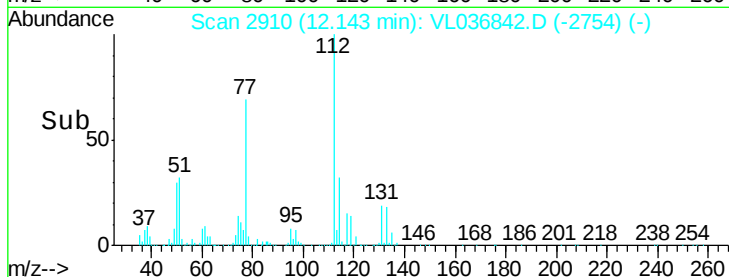
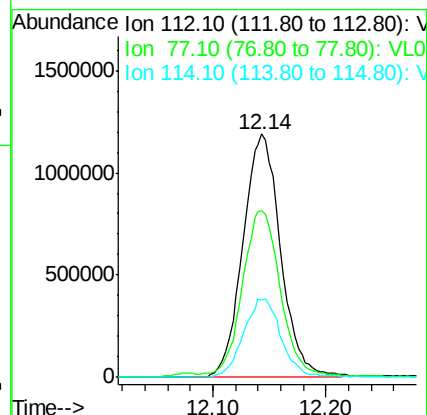
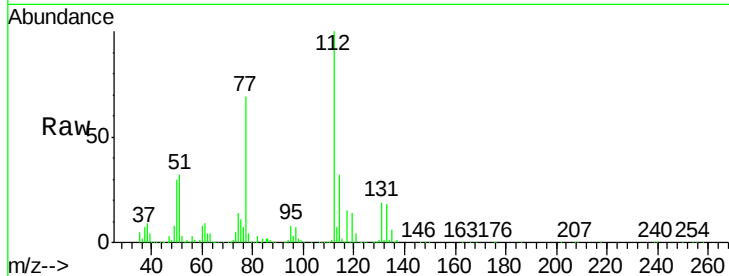


#57
Chlorobenzene
Concen: 8.596 ppbv
RT: 12.14 min
Instrument: MSVOA_L
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDICCC010
Acq: 27 Apr 2021 1:20

Tot Ion: 1
Ion Ratio
112 100
77 67.
114 31.

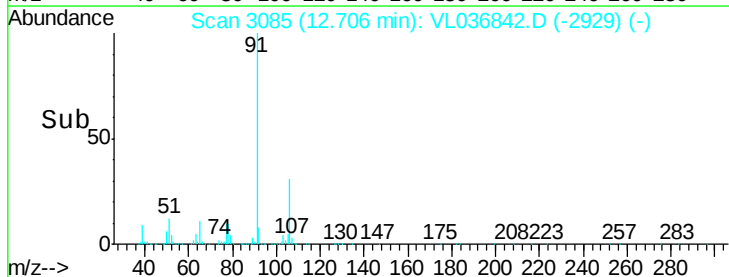
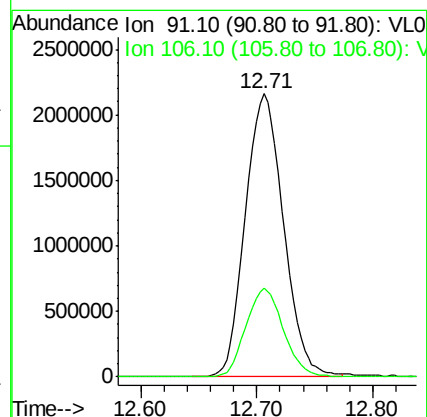
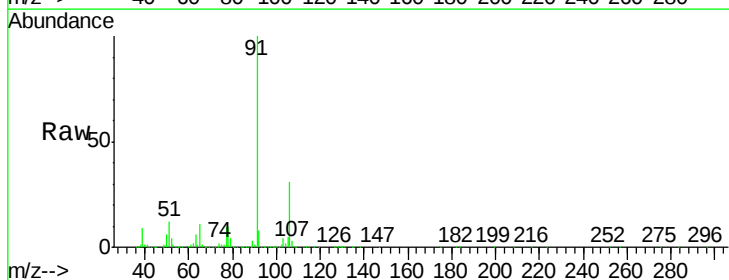
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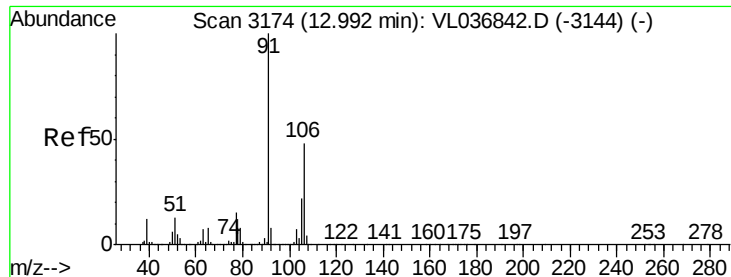
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#58
Ethyl Benzene
Concen: 9.116 ppbv
RT: 12.71 min Scan# 3085
Delta R.T.: 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion: 91 Resp: 4957149
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



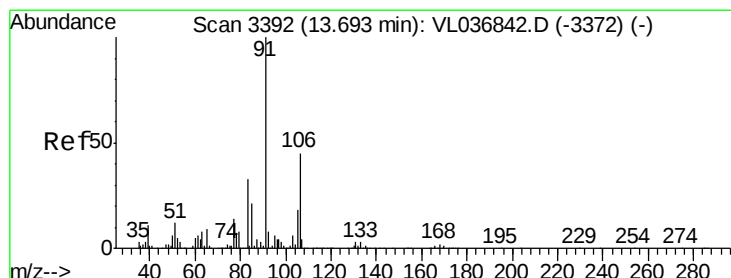
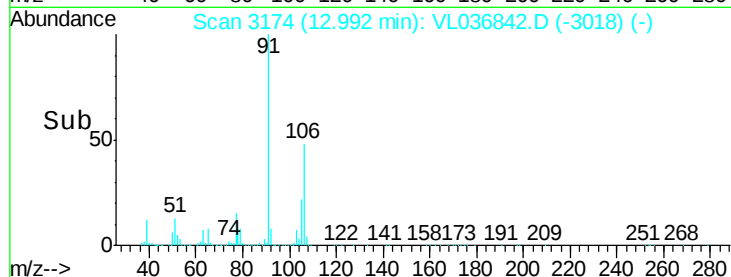
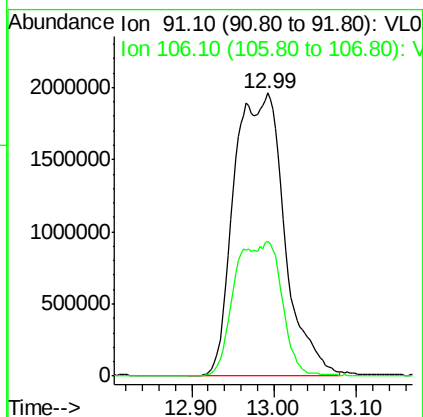
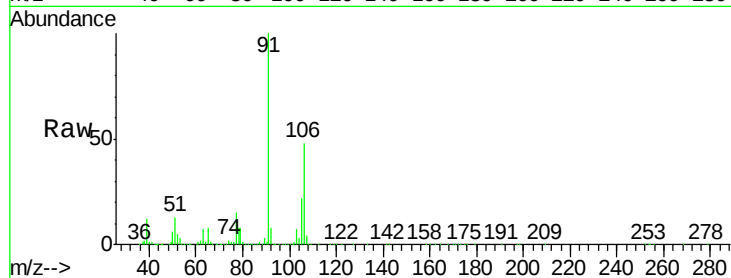


#59
m/p-Xylene
Concen: 17.605 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 1:28

Tot Ion:
Ion Ratio
91 100
106 44.

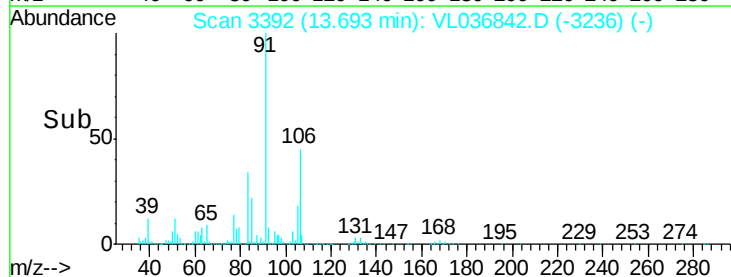
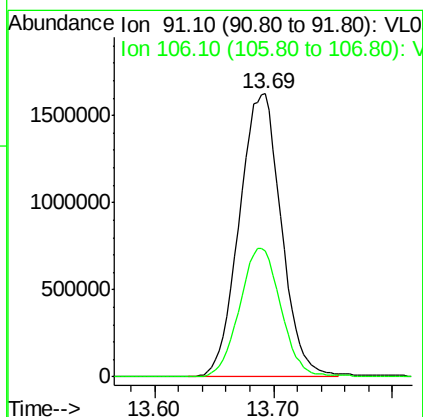
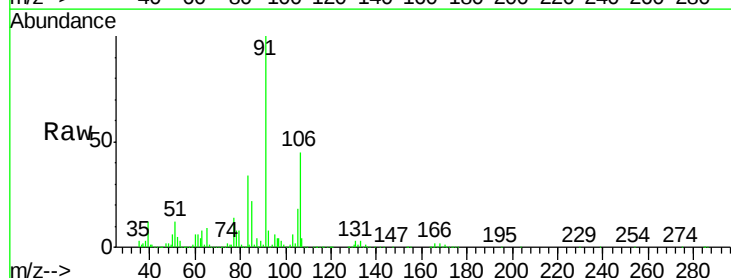
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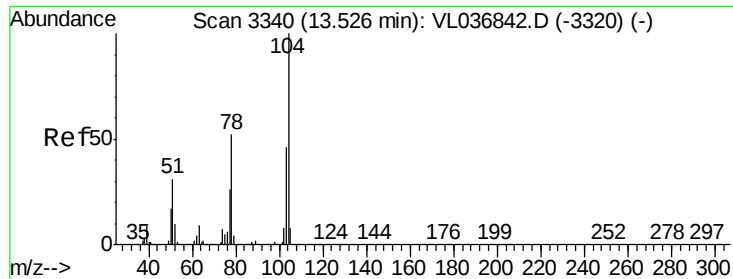
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#60
o-Xylene
Concen: 8.601 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion: 91 Resp: 3953999
Ion Ratio Lower Upper
91 100
106 45.1 22.6 67.8



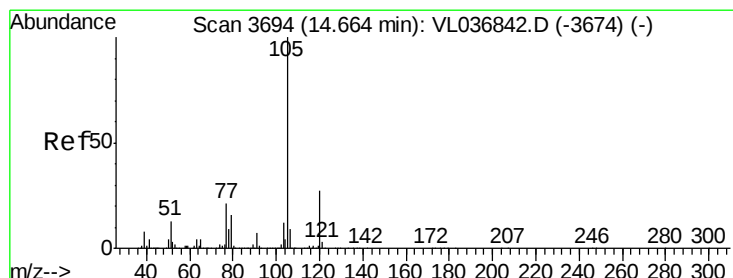
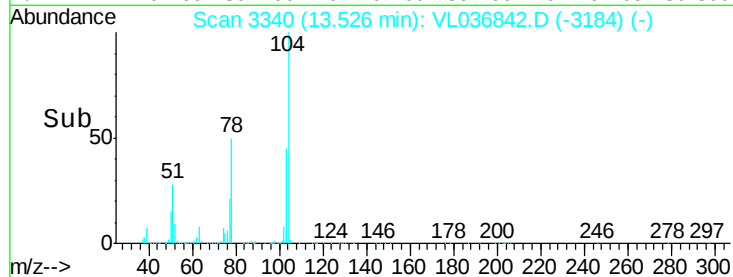
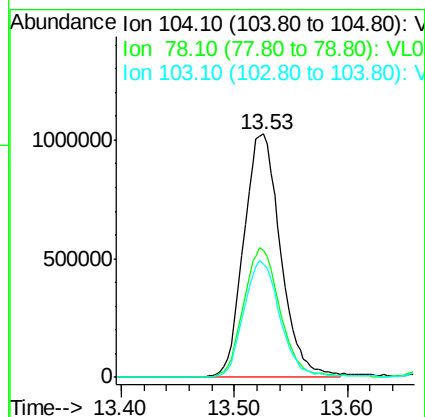
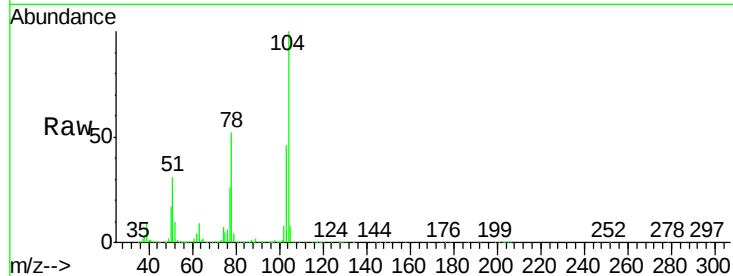


#61
Stvrene
Concen: 10.141 ppbv
RT: 13.53
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 27 Apr 2021 1:20

Tot Ion:1
Ion Ratio
104 100
78 53.
103 47.

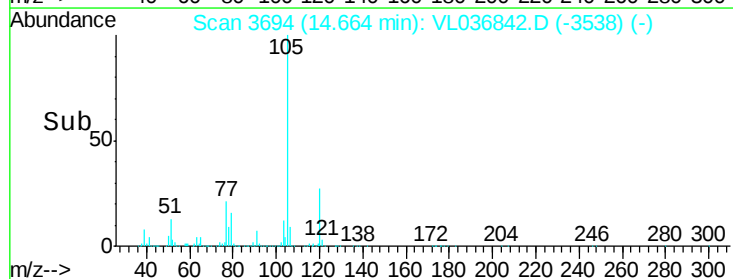
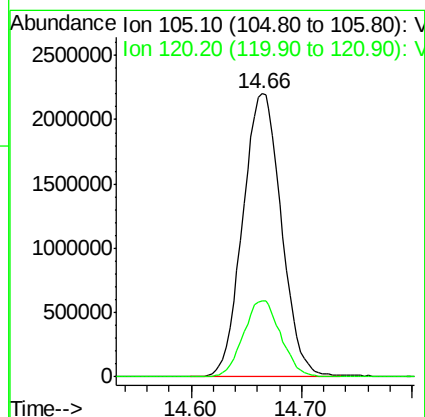
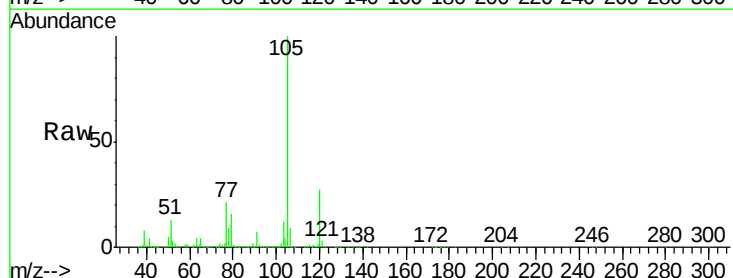
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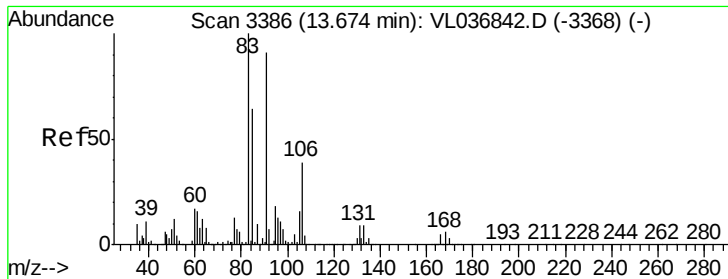
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#62
Isopropylbenzene
Concen: 8.646 ppbv
RT: 14.66 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion:105 Resp: 5349498
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7



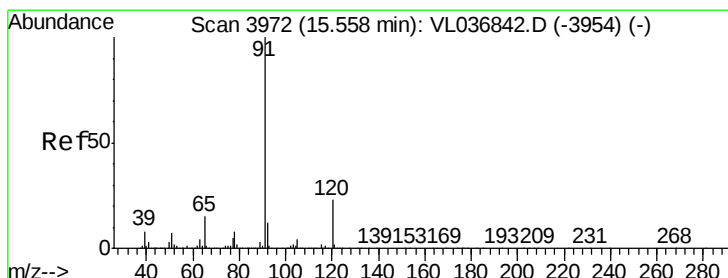
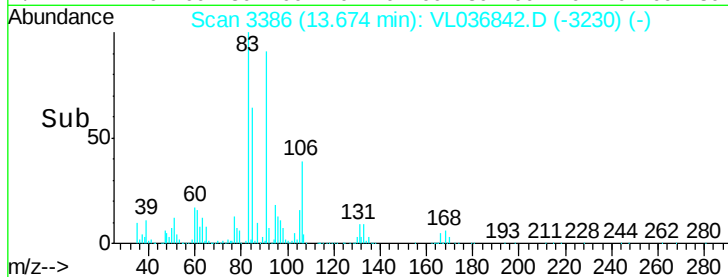
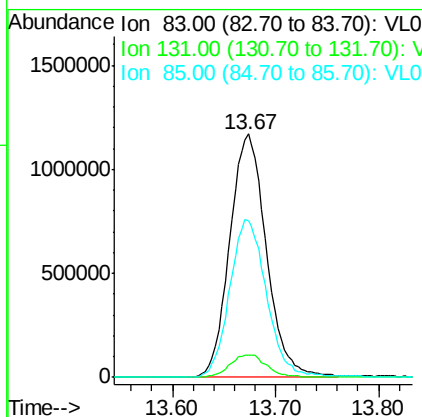
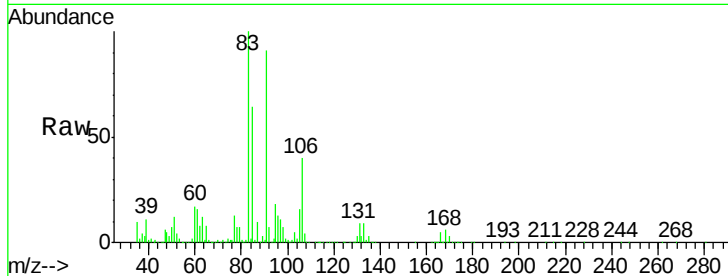


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.140 ppbv
 RT: 13.67 min
 Delta R.T. 0.00 min
 Lab File: VSTDICCC010
 Acq: 27 Apr 2021 1:20

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

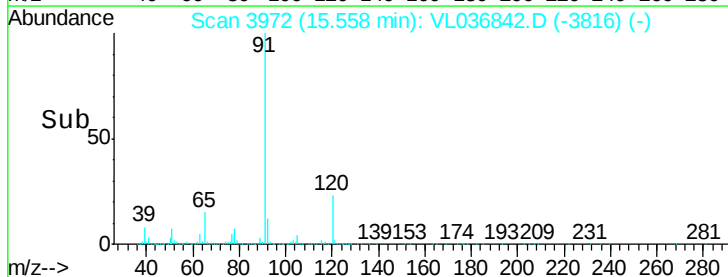
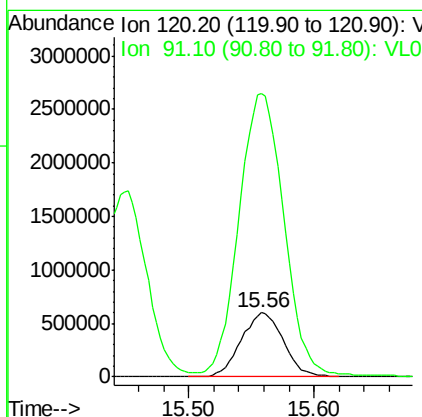
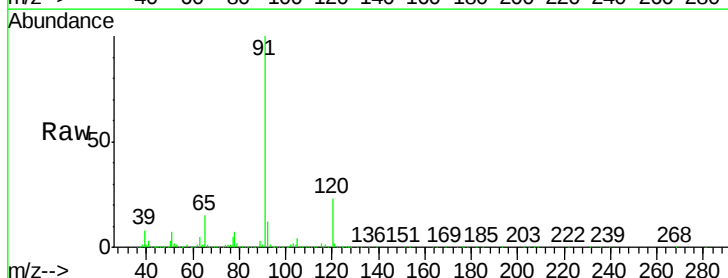
Manual Integrations
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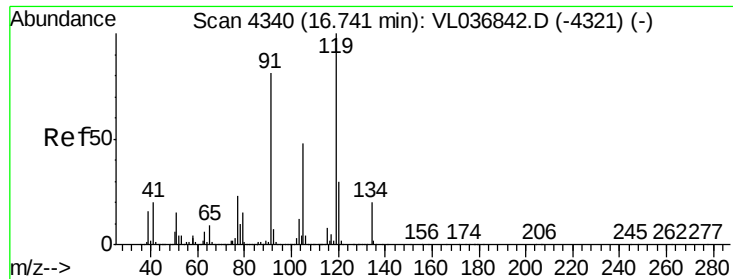
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#64
 n-propylbenzene
 Concen: 9.263 ppbv
 RT: 15.56 min Scan# 3972
 Delta R.T. 0.00 min
 Lab File: VL036842.D
 Acq: 27 Apr 2021 1:26

Tgt Ion:120 Resp: 1405394
 Ion Ratio Lower Upper
 120 100
 91 473.2 378.6 567.8



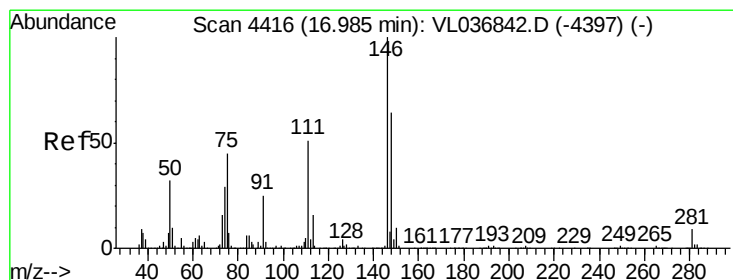
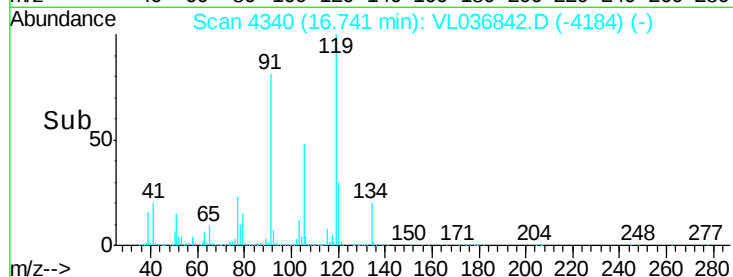
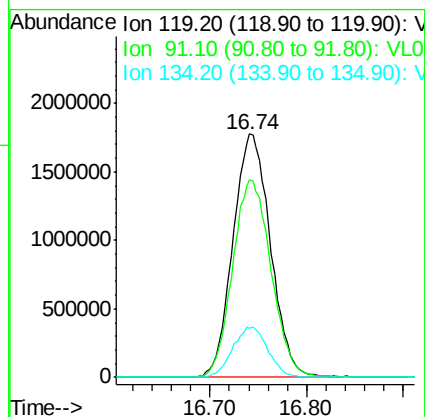
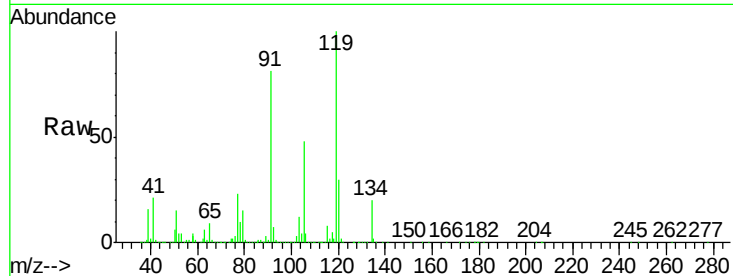


#65
tert-Butylbenzene
Concen: 8.833 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 27 Apr 2021 1:20

Tot Ion: 1
Ion Ratio
119 100
91 83.
134 19.

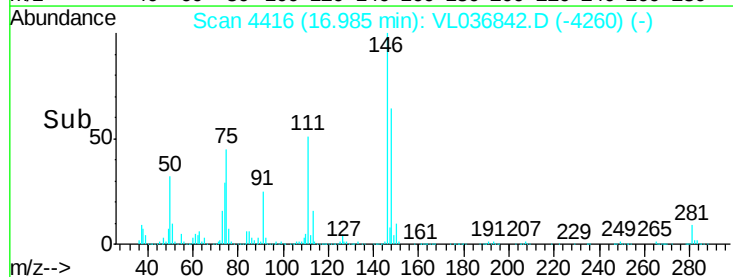
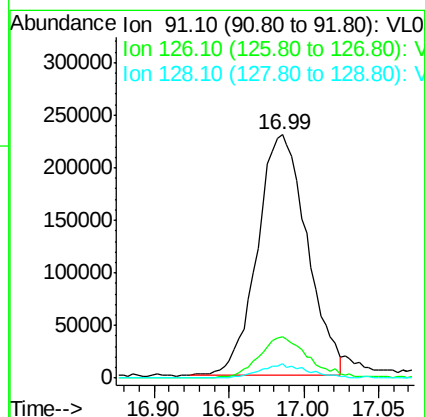
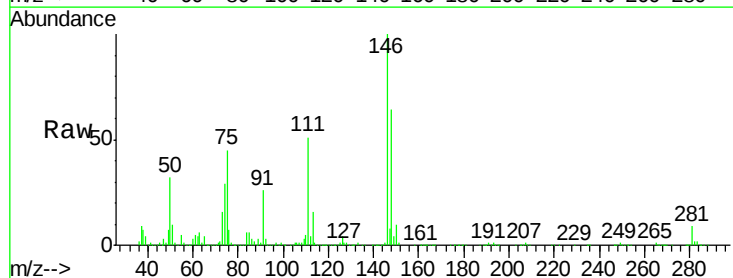
Manual Integrations
APPROVED

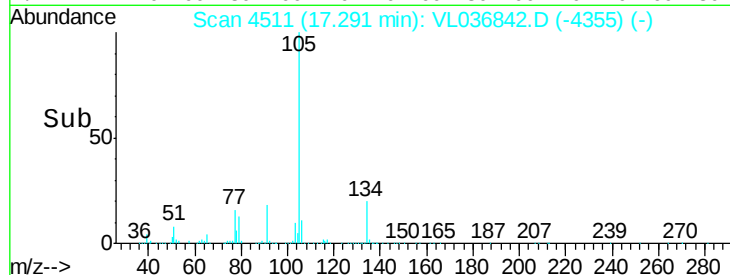
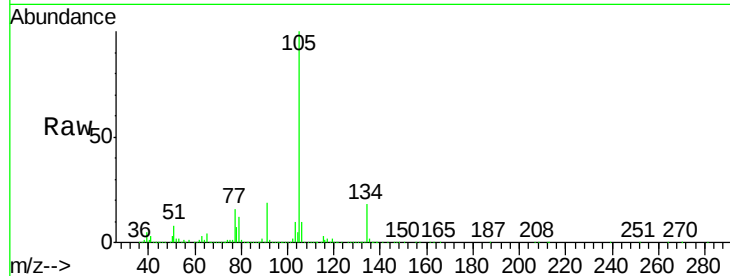
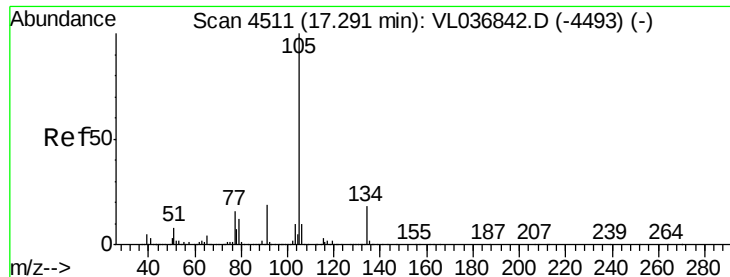
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#66
Benzyl Chloride
Concen: 9.135 ppbv
RT: 16.99 min Scan# 4416
Delta R.T.: 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion: 91 Resp: 527467
Ion Ratio Lower Upper
91 100
126 17.6 14.1 21.1
128 6.0 4.8 7.2



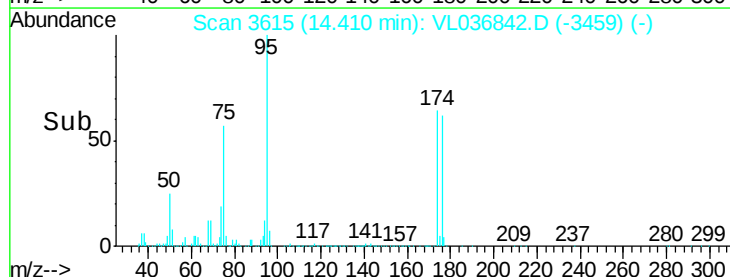
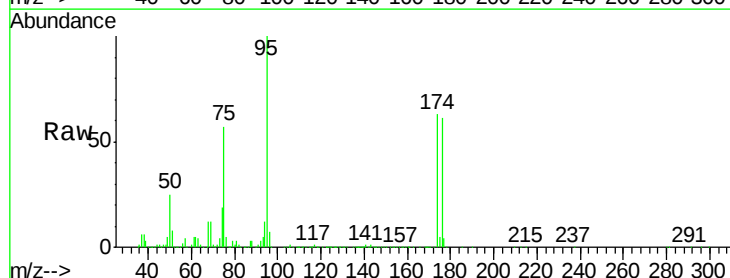
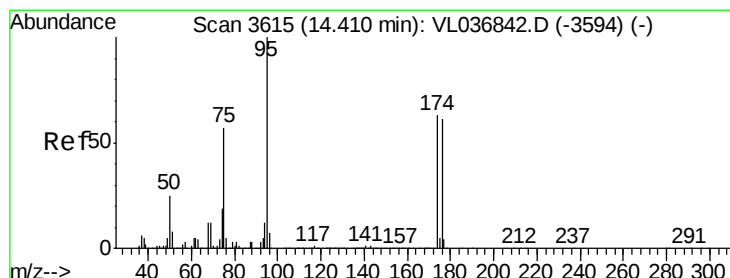
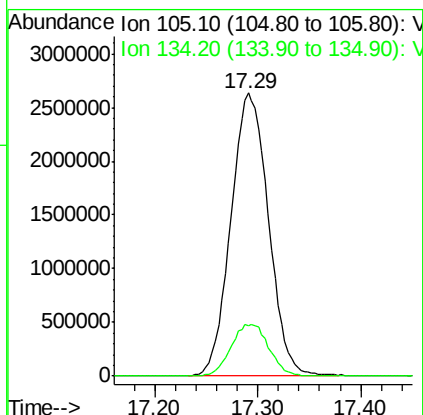


#67
 sec-Butylbenzene
 Concen: 8.706 ppbv
 RT: 17.29 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 27 Apr 2021 1:28

Tot Ion:1
 Ion Rati
 105 100
 134 18.

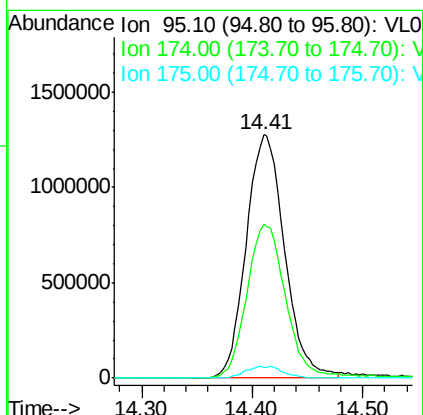
Manual Integrations
 APPROVED

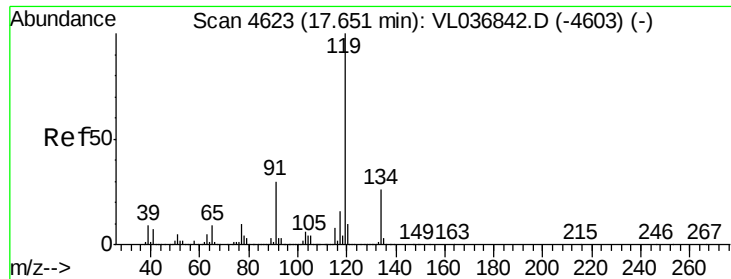
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.189 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. 0.00 min
 Lab File: VL036842.D
 Acq: 27 Apr 2021 1:26

Tgt Ion: 95 Resp: 3078462
 Ion Ratio Lower Upper
 95 100
 174 65.2 52.4 78.6
 175 5.0 3.9 5.9



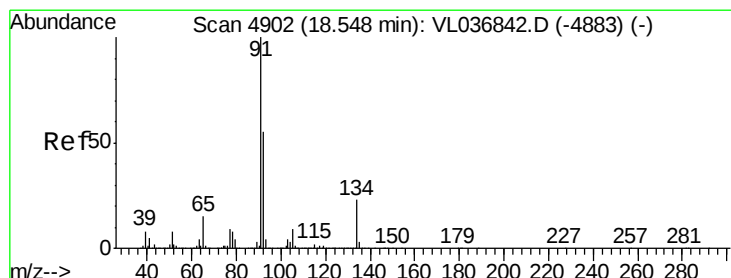
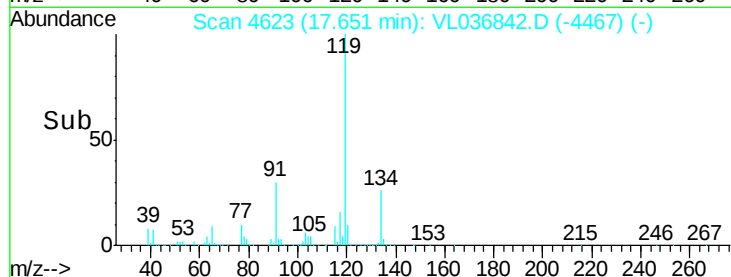
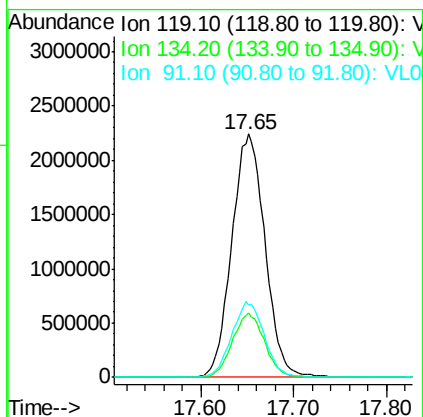
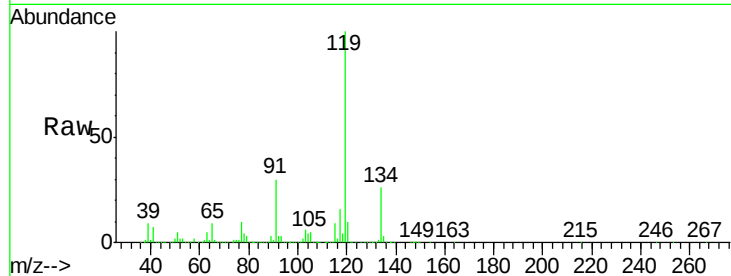


#69
 p-Isopropyltoluene
 Concen: 9.287 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 1:26

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

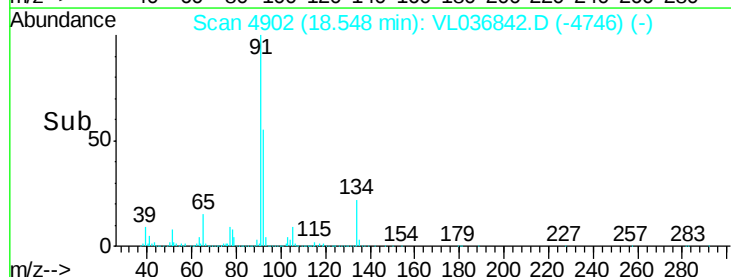
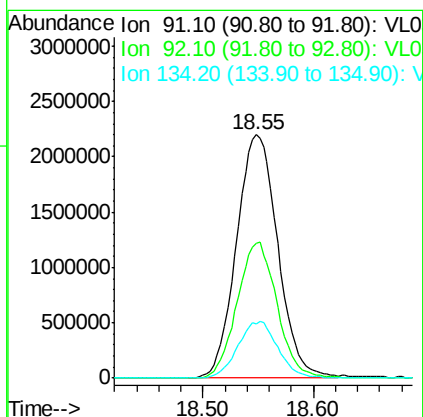
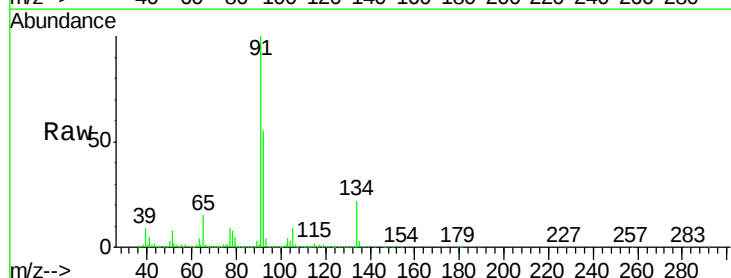
Manual Integrations
 APPROVED

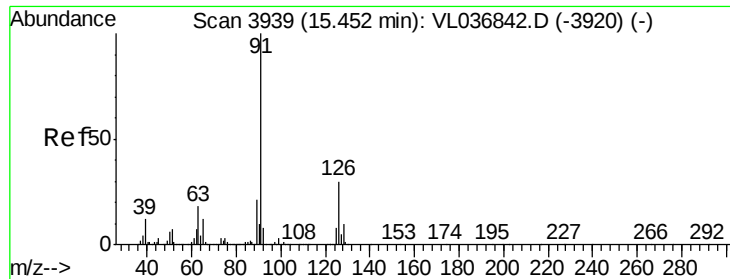
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#70
 n-Butylbenzene
 Concen: 9.206 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T.: 0.00 min
 Lab File: VL036842.D
 Acq: 27 Apr 2021 1:26

Tgt Ion: 91 Resp: 5689539
 Ion Ratio Lower Upper
 91 100
 92 54.4 43.6 65.4
 134 22.8 18.2 27.4





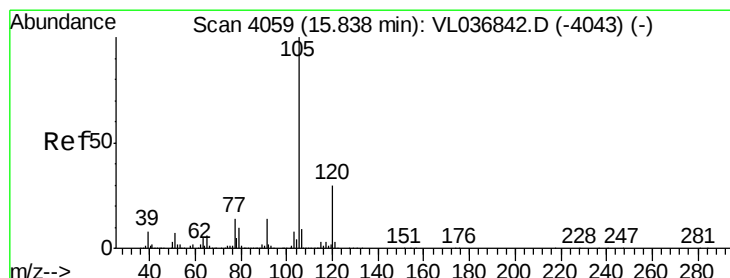
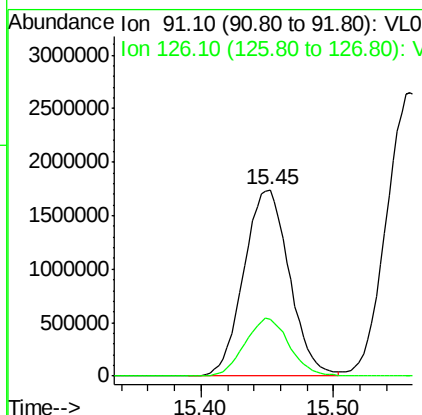
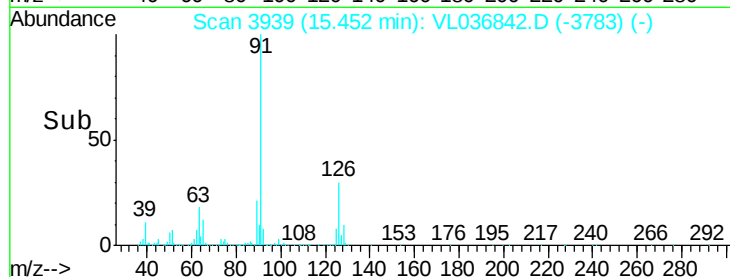
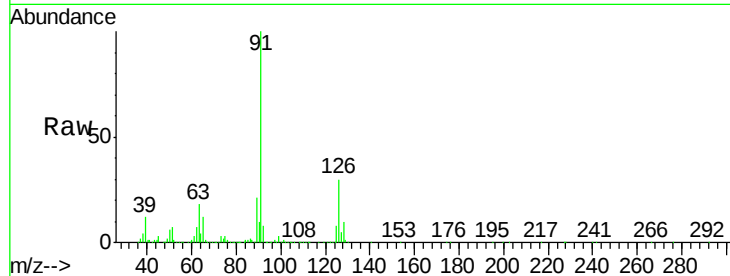
#71
 2-Chlorotoluene
 Concen: 8.975 ppbv
 RT: 15.45 min
 Delta R.T. 0.00 min
 Lab File: VL036842.D
 Acq: 27 Apr 2021 1:26

Instrument : MSVOA_1
 Client Sample Id : VSTDICCC010

Tot Ion:
 Ion Ratio
 91 100
 126 30.

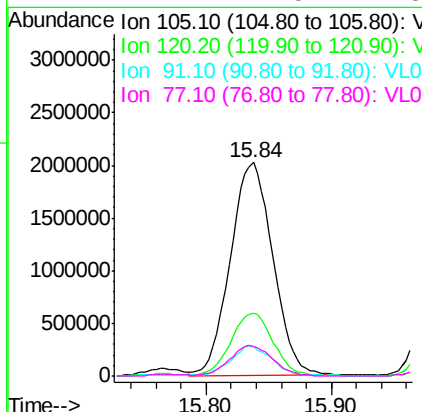
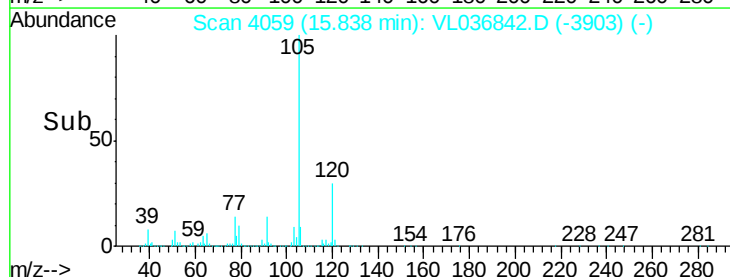
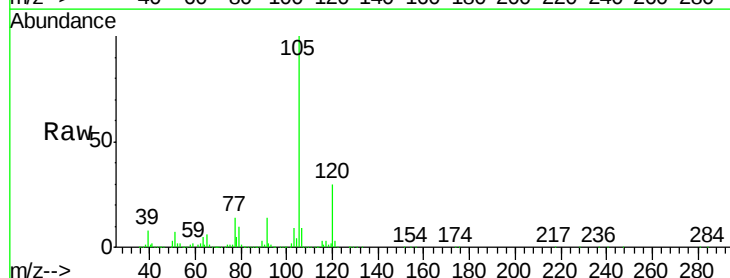
Manual Integrations
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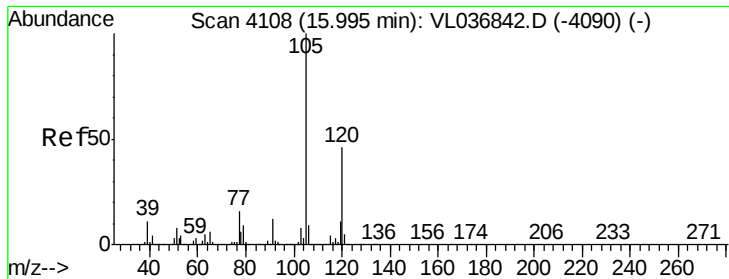
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#72
 4-Ethyltoluene
 Concen: 9.364 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. 0.00 min
 Lab File: VL036842.D
 Acq: 27 Apr 2021 1:26

Tgt Ion: 105 Resp: 4742004
 Ion Ratio Lower Upper
 105 100
 120 29.7 23.8 35.6
 91 13.4 10.7 16.1
 77 14.4 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 9.167 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 1:20

Tot Ion:1

Ion Rati

105 100

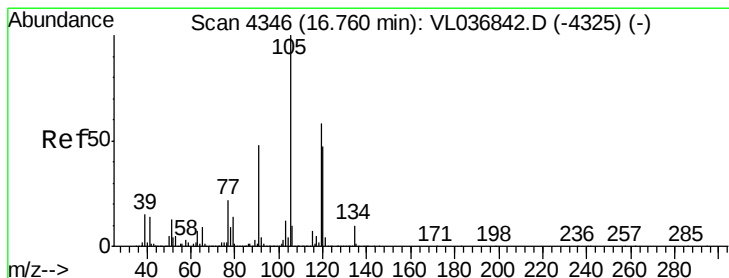
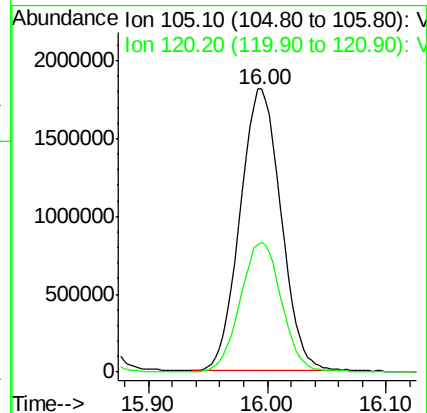
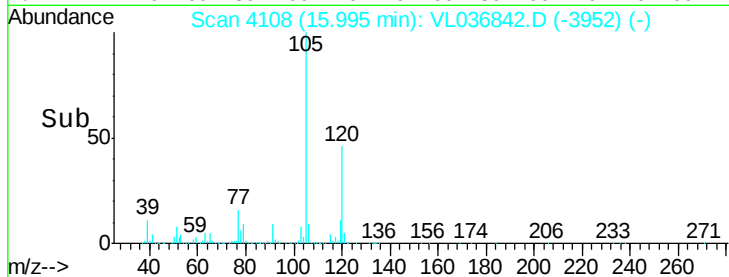
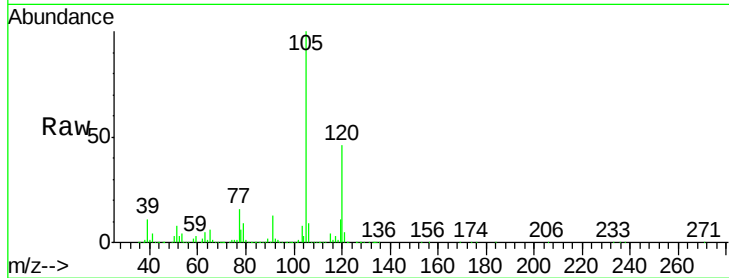
120 46.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 8.806 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.00 min

Lab File: VL036842.D

Acq: 27 Apr 2021 1:26

Tgt Ion:105 Resp: 4468453

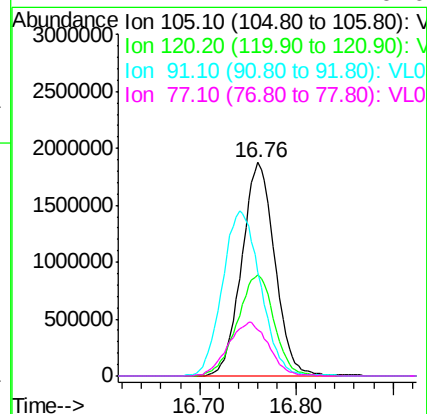
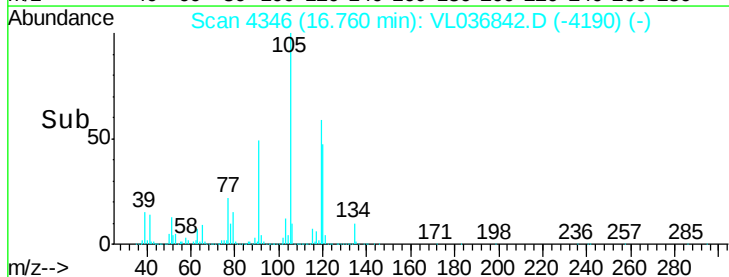
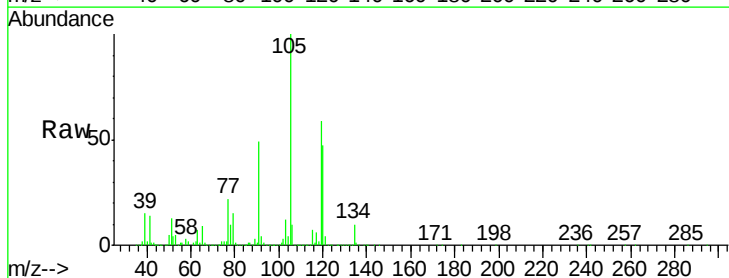
Ion Ratio Lower Upper

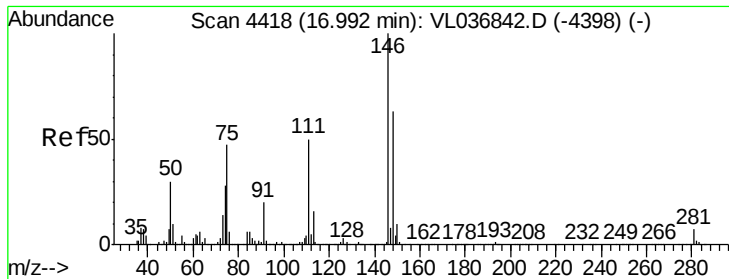
105 100

120 47.0 37.6 56.4

91 48.7 39.0 58.4

77 21.7 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 9.049 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 1:20

Tot Ion:1

Ion Rati

146 100

111 48.

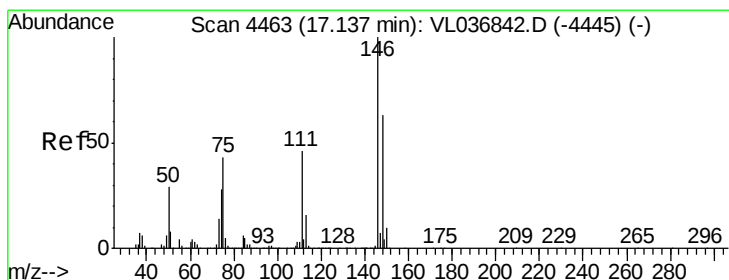
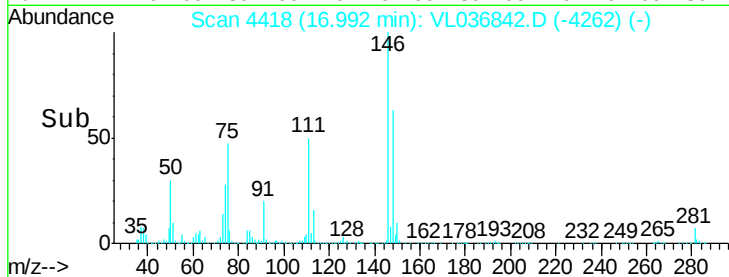
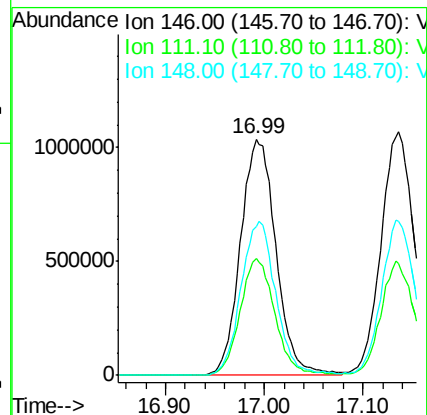
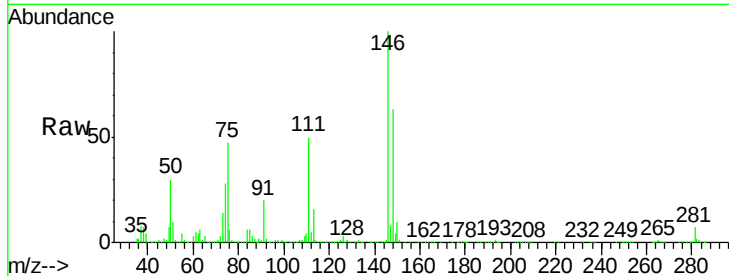
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#76

1,4-Dichlorobenzene

Concen: 8.848 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. 0.00 min

Lab File: VL036842.D

Acq: 27 Apr 2021 1:26

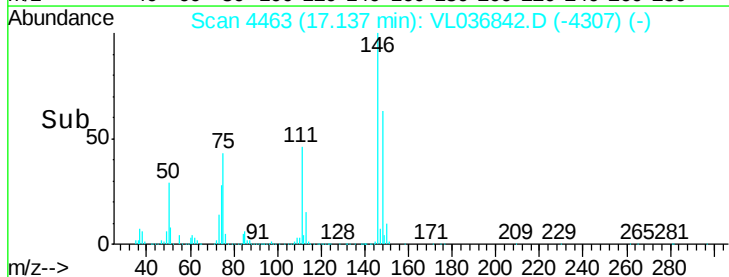
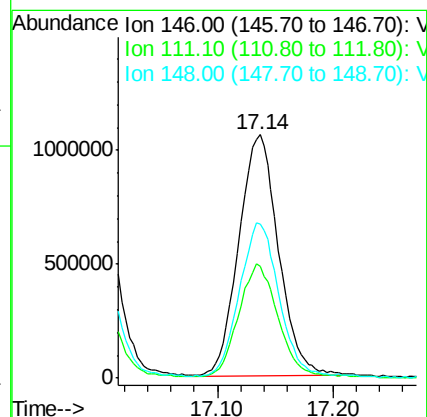
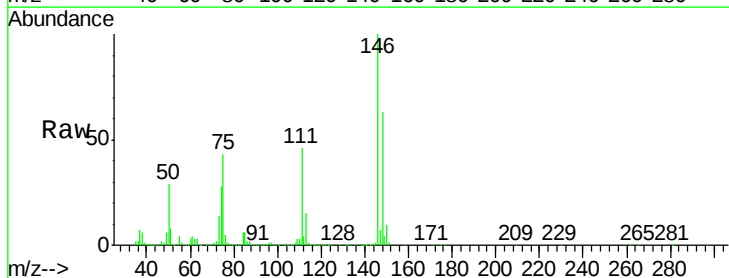
Tgt Ion:146 Resp: 2509363

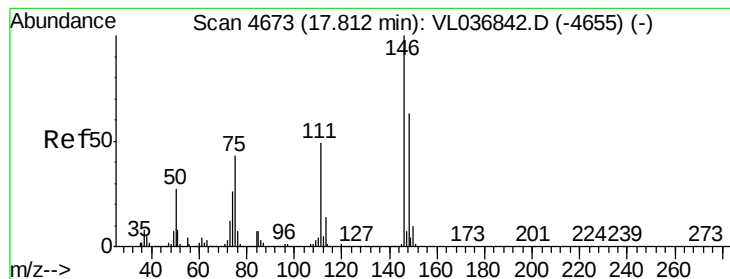
Ion Ratio Lower Upper

146 100

111 48.5 24.0 72.0

148 64.7 32.8 98.3





#77

1,2-Dichlorobenzene

Concen: 9.180 ppbv

RT: 17.81 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 1:20

Tot Ion:1

Ion Ratio

146 100

111 50.

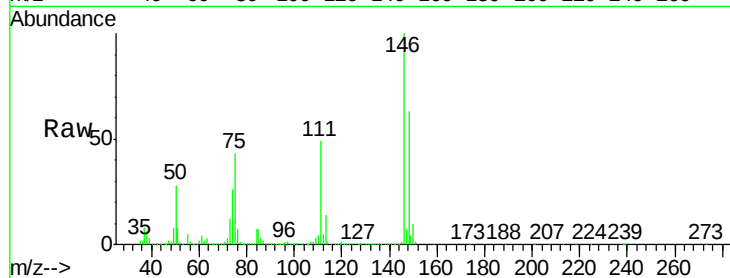
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

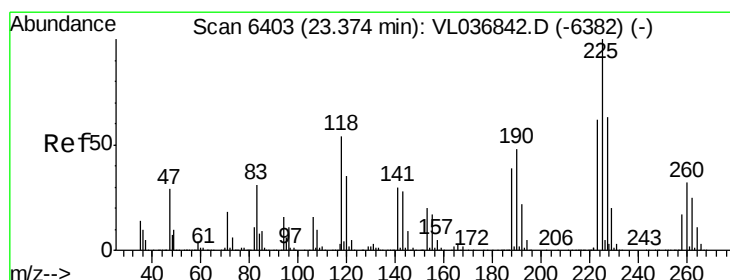
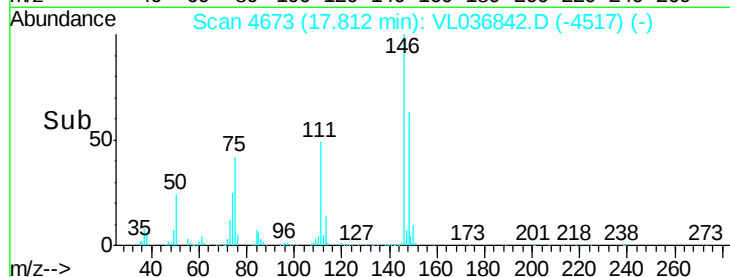
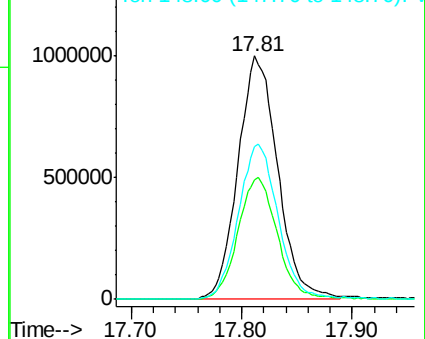
Supervised By :Mahesh Dadoda 04/29/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 8.039 ppbv

RT: 23.37 min Scan# 6403

Delta R.T. 0.00 min

Lab File: VL036842.D

Acq: 27 Apr 2021 1:26

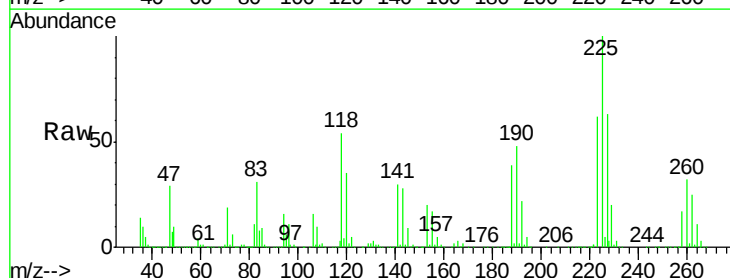
Tgt Ion:225 Resp: 1941123

Ion Ratio Lower Upper

225 100

223 64.0 51.0 76.6

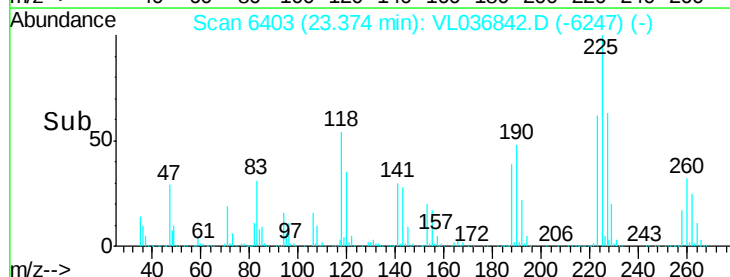
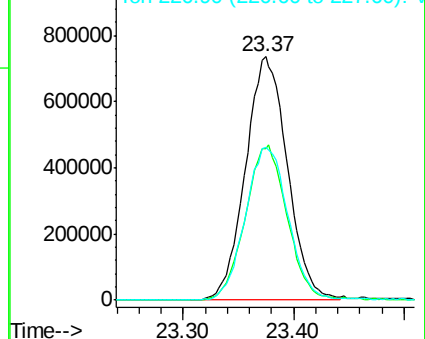
227 64.7 51.9 77.9

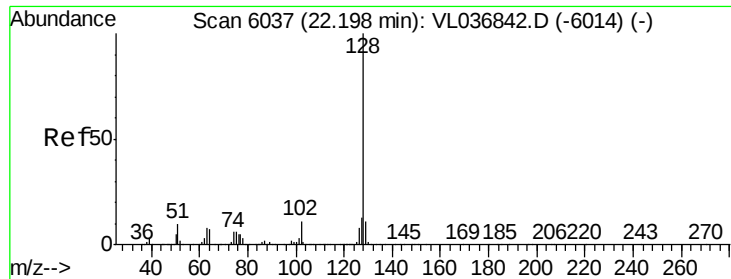


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



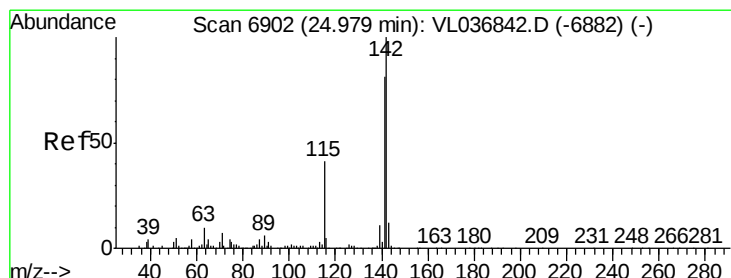
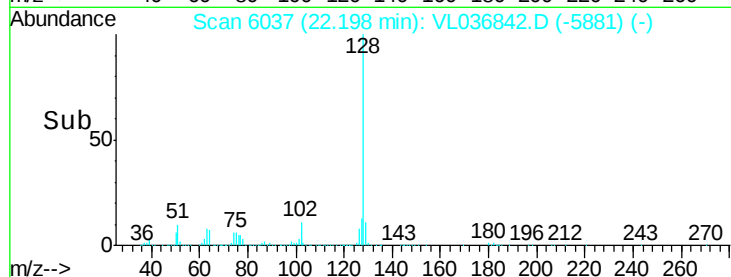
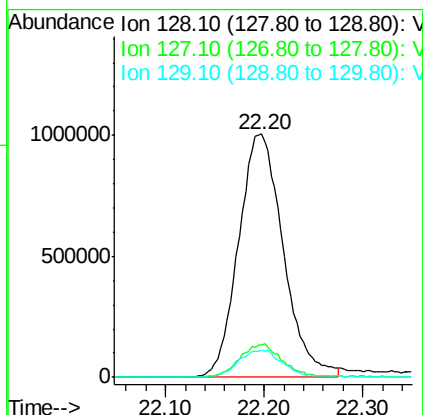
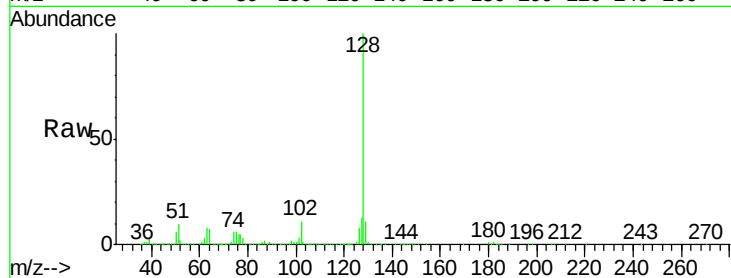


#79
Naphthalene
Concen: 10.827 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VSTDICCC010
Acq: 27 Apr 2021 1:20

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

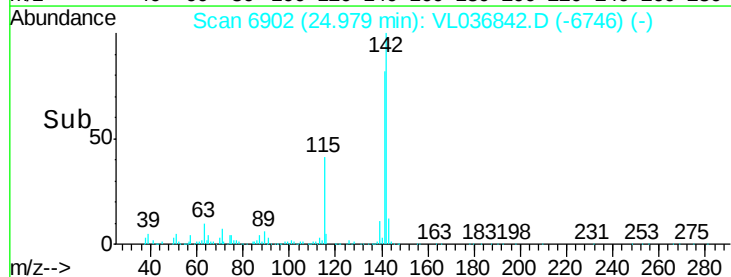
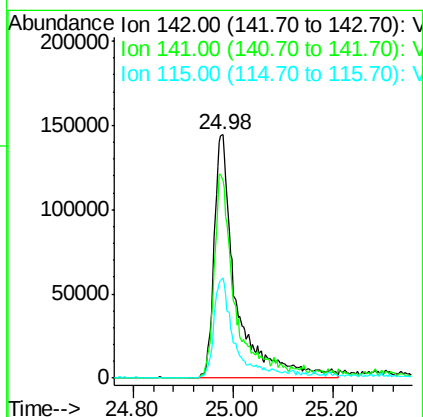
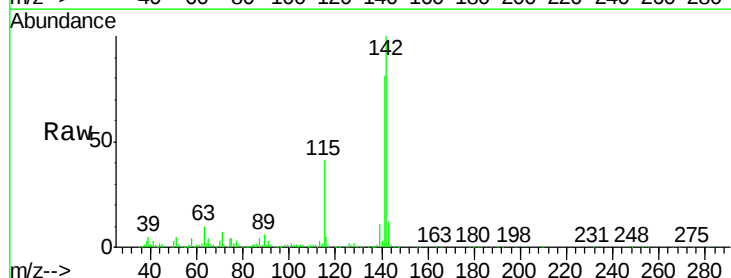
Manual Integrations
APPROVED

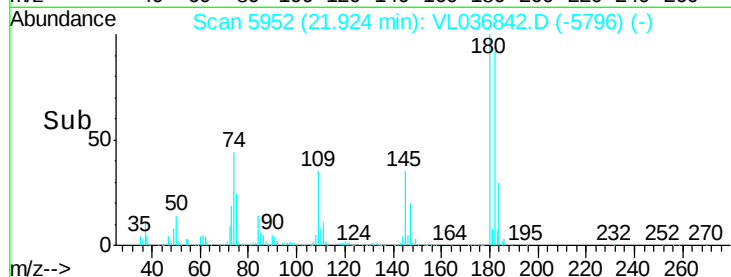
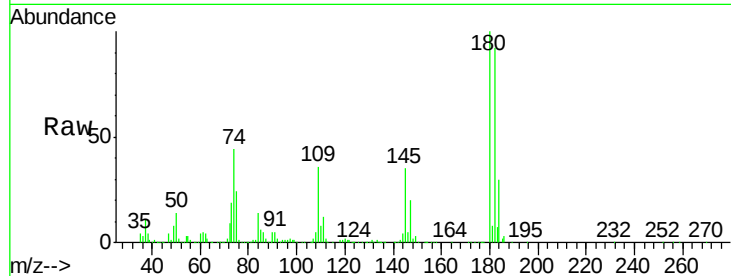
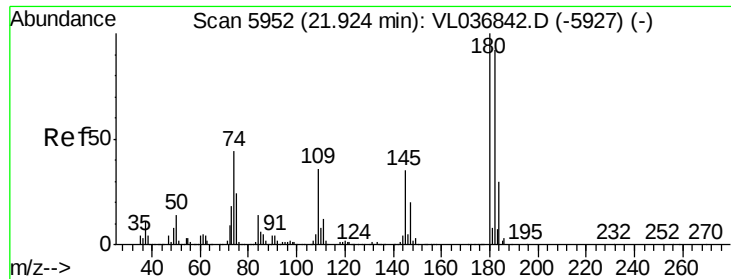
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#80
Naphthalene, 2-methyl-
Concen: 9.087 ppbv
RT: 24.98 min Scan# 6902
Delta R.T.: 0.00 min
Lab File: VL036842.D
Acq: 27 Apr 2021 1:26

Tgt Ion: 142 Resp: 446465
Ion Ratio Lower Upper
142 100
141 78.2 67.8 101.8
115 40.0 32.1 48.1





#81

1,2,4-Trichlorobenzene

Concen: 9.734 ppbv

RT: 21.92

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

VSTDICCC010

Acq: 27 Apr 2021 1:28

Tot Ion:1

Ion Rati

180 100

182 101.

184 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021

