

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036851.D
 Acq On : 27 Apr 2021 8:24
 Operator : SY/AP
 Sample : VL0427ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0427ABS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 05:46:18 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	5.66	49	1528115	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3925934	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3636515m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3018872	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	2243962	9.324	ppbv 99
3) Chlorodifluoromethane	2.98	51	2597103	9.330	ppbv 100
4) Chloromethane	3.14	50	872232	9.534	ppbv 93
5) Vinyl Chloride	3.25	62	858781	9.306	ppbv 96
6) Bromomethane	3.47	94	473014	9.532	ppbv 98
7) Chloroethane	3.56	64	299508	9.877	ppbv 95
8) Dichlorotetrafluoroethane	3.18	85	2086309	9.504	ppbv 99
9) Propene	3.01	41	810554	9.556	ppbv 98
10) Heptane	8.12	43	2162063	10.135	ppbv 98
11) Trichlorofluoromethane	3.94	101	2023663	9.420	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1381293	9.607	ppbv 99
13) Ethanol	3.61	45	81862m	7.568	ppbv
14) Bromoethene	3.74	108	588346	10.016	ppbv 99
15) Acetone	3.85	43	1150654	7.989	ppbv 99
16) 1,3-Butadiene	3.32	39	907981	9.859	ppbv 98
17) tert-Butyl alcohol	4.29	59	1125785	9.630	ppbv 98
18) 1,1-Dichloroethene	4.28	96	602297	9.639	ppbv 97
19) Isopropyl Alcohol	3.97	45	601686	8.431	ppbv 99
20) Methylene Chloride	4.34	84	505368	7.337	ppbv 95
21) Allyl Chloride	4.41	41	1017800	9.510	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	620673	9.898	ppbv 99
23) Vinyl Acetate	5.07	43	1831085	9.346	ppbv 97
24) 1,1-Dichloroethane	5.00	63	1316668	9.467	ppbv 98
25) Ethyl Acetate	5.67	43	3293186	9.360	ppbv 99
26) Hexane	5.68	57	1509649	9.171	ppbv 97
27) Carbon Disulfide	4.55	76	1561587	10.922	ppbv 99
28) Methyl tert-Butyl Ether	5.03	73	1289424	8.838	ppbv 98
29) Chloroform	5.74	83	2439922	9.508	ppbv 98
30) Cyclohexane	7.12	84	1320363	10.115	ppbv 97
31) cis-1,2-Dichloroethene	5.54	61	1480699	10.022	ppbv 98
32) 1,1,1-Trichloroethane	6.50	97	2457613	9.418	ppbv 100
34) 2-Butanone	5.24	43	1600223	9.305	ppbv 99
35) Carbon Tetrachloride	7.01	117	2597822	9.752	ppbv 95
36) Benzene	6.89	78	3234708	9.779	ppbv 99
37) 1,2-Dichloroethane	6.30	62	1865274	9.958	ppbv 99
38) Trichloroethene	7.83	130	1181819	10.035	ppbv 97
39) 1,2-Dichloropropane	7.61	63	1265319	9.548	ppbv 96
40) 1,4-Dioxane	7.83	88	285867	8.933	ppbv 90
41) Tetrahydrofuran	6.05	42	758886	10.088	ppbv 99
42) Bromodichloromethane	7.78	83	2603855	10.005	ppbv 97
43) Methyl Methacrylate	8.01	69	1141663	10.577	ppbv 99

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Instrument :
 MSVOA L
 ClientSampleId :
 VL0427ABS01

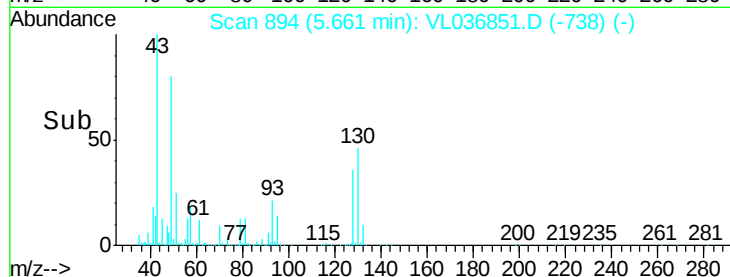
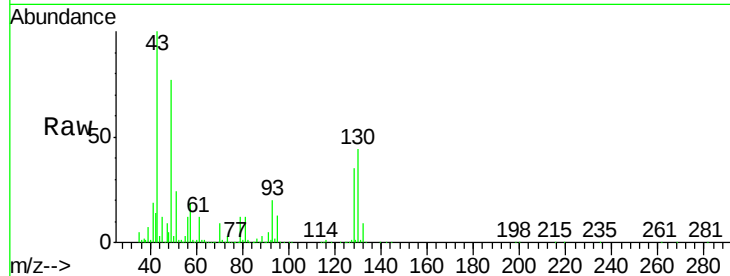
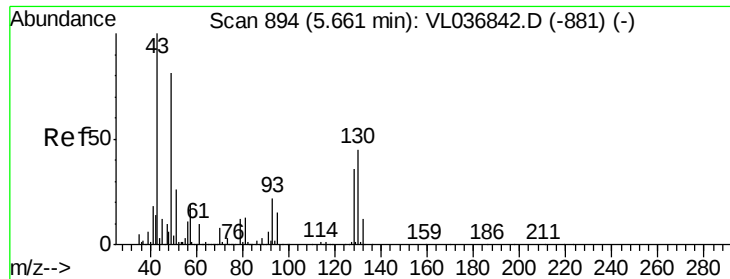
Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 04/29/2021

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 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)
44) 2,2,4-Trimethylpentane	7.86	57	5409328	9.542	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	1271914	10.931	ppbv	98
46) cis-1,3-Dichloropropene	8.70	75	1599086	10.719	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1286936	9.380	ppbv	98
48) Dibromochloromethane	10.30	129	2119368	10.425	ppbv	99
49) Bromoform	13.03	173	1707591	10.521	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2444318	10.398	ppbv	100
51) 2-Hexanone	10.13	43	1238807	10.566	ppbv #	99
52) Tetrachloroethene	11.22	164	1080044	9.589	ppbv	96
53) Toluene	9.80	91	3595737	10.389	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1869161	9.650	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	1426741	9.358	ppbv	99
57) Chlorobenzene	12.14	112	2659555	9.390	ppbv	99
58) Ethyl Benzene	12.70	91	4791970	10.389	ppbv	99
59) m/p-Xylene	12.99	91	8117593m	19.691	ppbv	
60) o-Xylene	13.69	91	3855263	9.672	ppbv	99
61) Styrene	13.52	104	2189587	11.697	ppbv	100
62) Isopropylbenzene	14.66	105	5197982	9.585	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	2836108	8.876	ppbv	99
64) n-propylbenzene	15.55	120	1367412	10.117	ppbv	100
65) tert-Butylbenzene	16.74	119	4603933	9.602	ppbv	100
66) Benzyl Chloride	16.99	91	433019	9.236	ppbv	99
67) sec-Butylbenzene	17.29	105	6487373	9.743	ppbv	100
69) p-Isopropyltoluene	17.65	119	5300251	9.929	ppbv	99
70) n-Butylbenzene	18.54	91	5415376	10.065	ppbv	100
71) 2-Chlorotoluene	15.45	91	3997706	9.953	ppbv	99
72) 4-Ethyltoluene	15.83	105	4578561	10.702	ppbv	100
73) 1,3,5-Trimethylbenzene	15.99	105	4128537	9.950	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	4228938	9.595	ppbv	97
75) 1,3-Dichlorobenzene	16.99	146	2437086	9.354	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2341848	9.185	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	2358336	9.267	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1691600	7.823	ppbv	99
79) Naphthalene	22.19	128	2559312	10.368	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	244068	8.966	ppbv	94
81) 1,2,4-Trichlorobenzene	21.92	180	1511636	9.468	ppbv	99

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

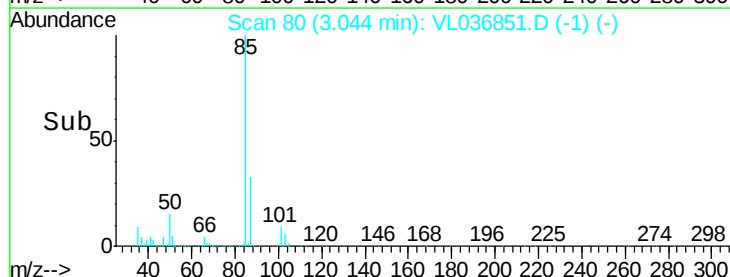
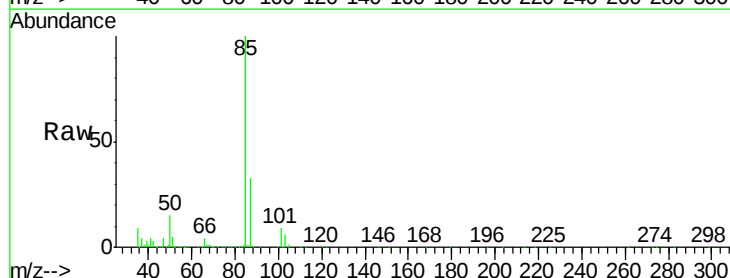
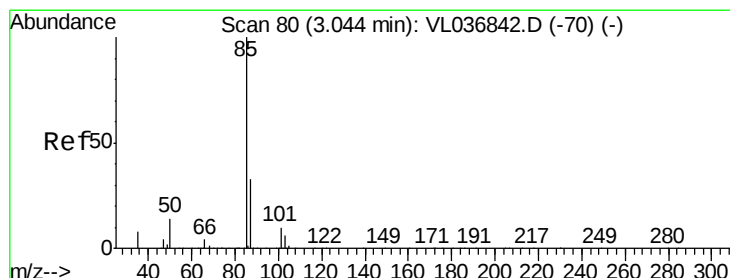
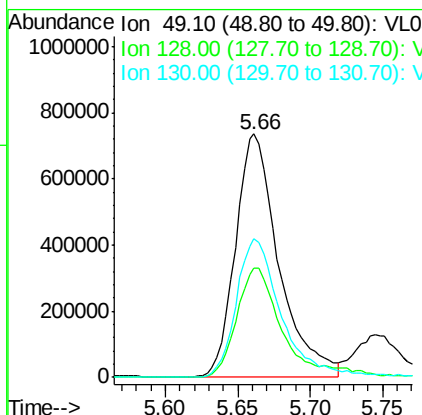


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VL0427ABS01
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
49 100
128 49.
130 60.

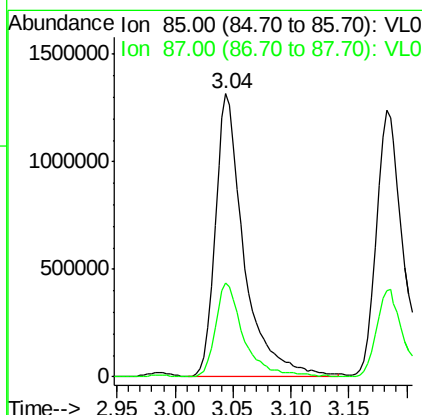
Manual Integrations
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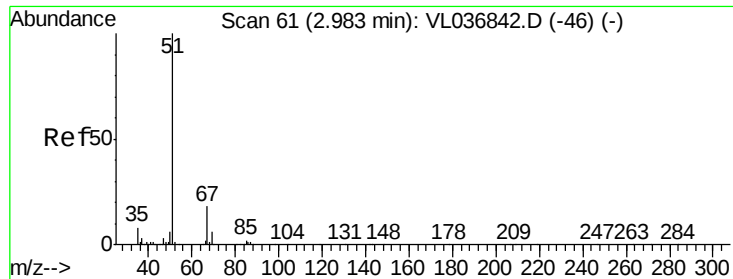
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#2
Dichlorodifluoromethane
Concen: 9.324 ppbv
RT: 3.04 min Scan# 80
Delta R.T.: 0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 85 Resp: 2243962
Ion Ratio Lower Upper
85 100
87 33.1 26.2 39.2





#3

Chlorodifluoromethane

Concen: 9.330 ppbv

RT: 2.98 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL0427ABS01

Acq: 27 Apr 2021 8:24

Tot Ion:

Ion Ratio

51 100

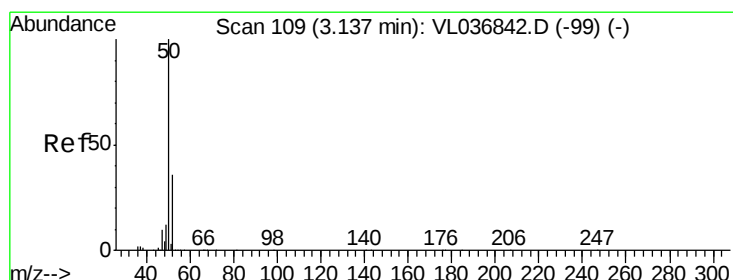
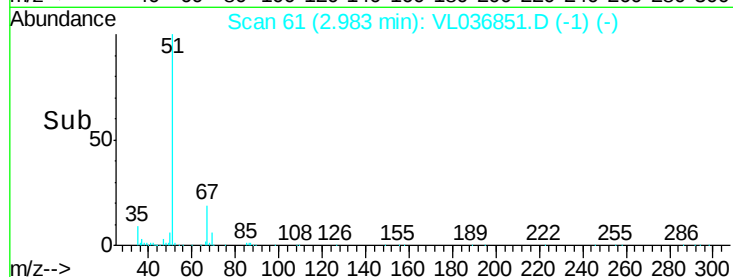
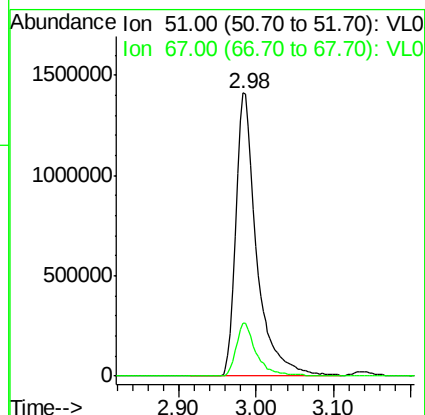
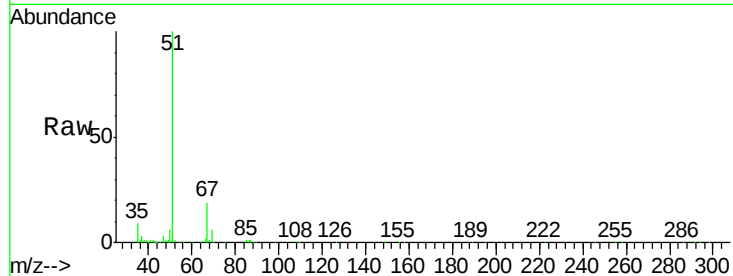
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#4

Chloromethane

Concen: 9.534 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL036851.D

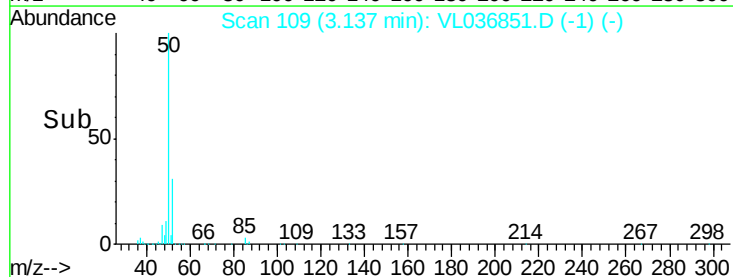
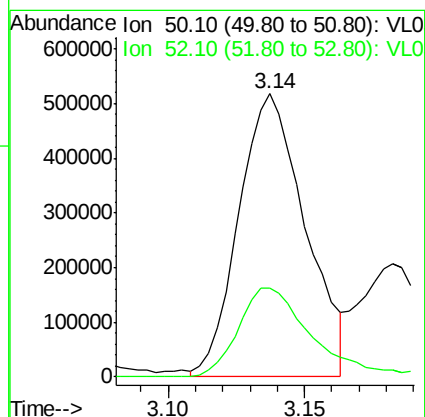
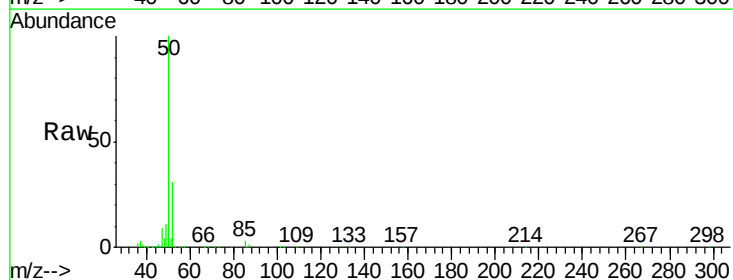
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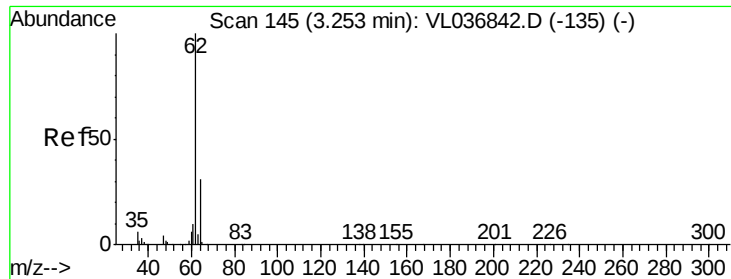
Tgt Ion: 50 Resp: 872232

Ion Ratio Lower Upper

50 100

52 31.6 28.5 42.7





#5

Vinyl Chloride

Concen: 9.306 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0427ABS01

Acq: 27 Apr 2021 8:24

Tot Ion:

Ion Ratio

62 100

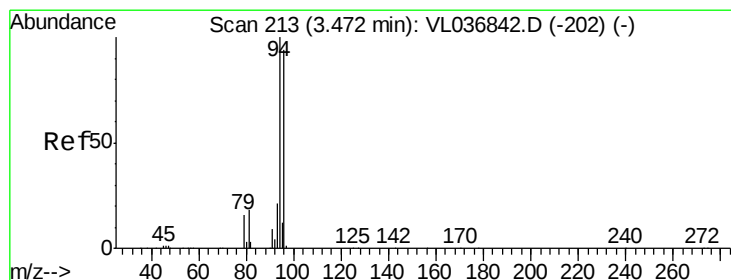
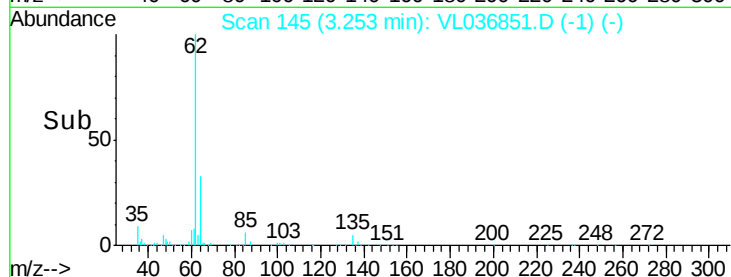
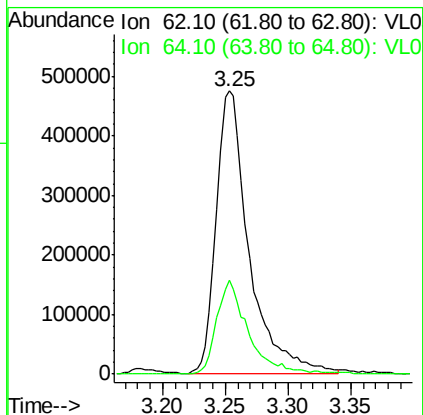
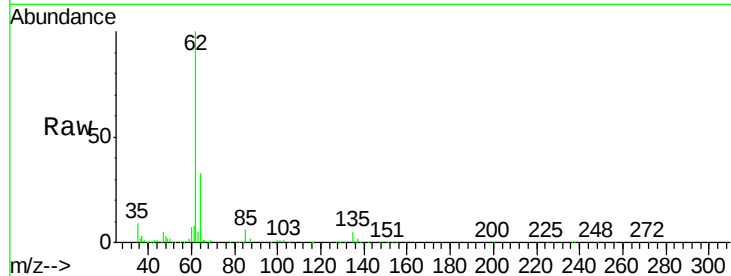
64 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#6

Bromomethane

Concen: 9.532 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.00 min

Lab File: VL036851.D

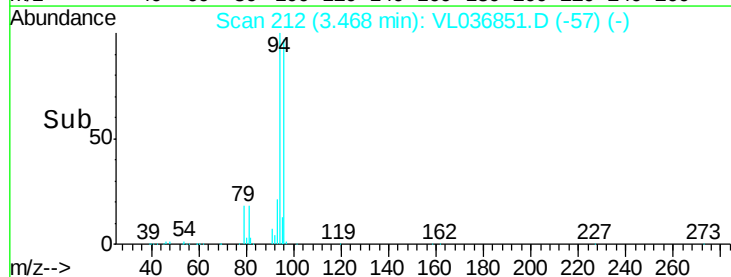
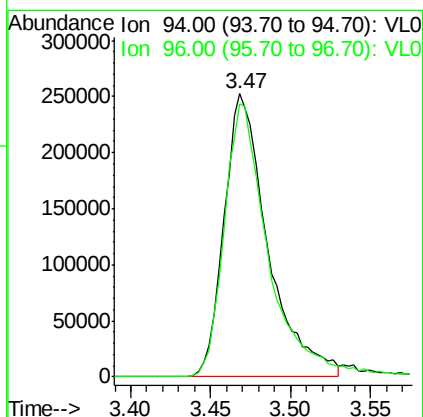
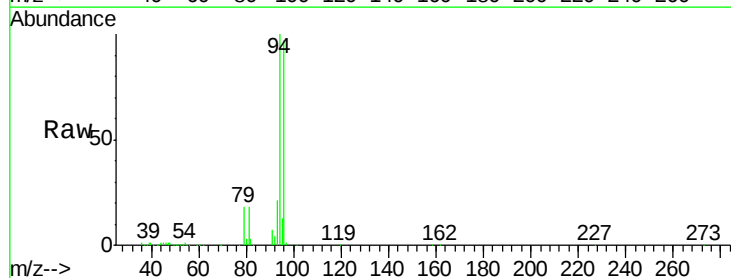
Acq: 27 Apr 2021 8:24

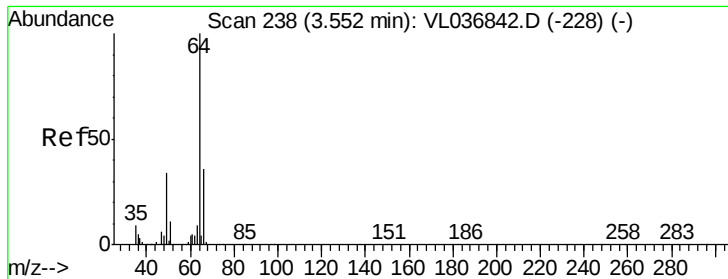
Tgt Ion: 94 Resp: 473014

Ion Ratio Lower Upper

94 100

96 96.5 75.4 113.0





#7

Chloroethane

Concen: 9.877 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0427ABS01

Acq: 27 Apr 2021 8:24

Tot Ion:

Ion Ratio

64 100

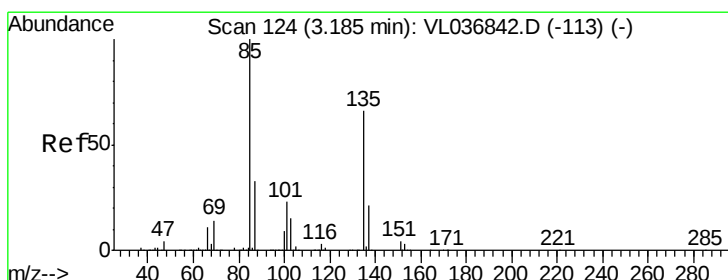
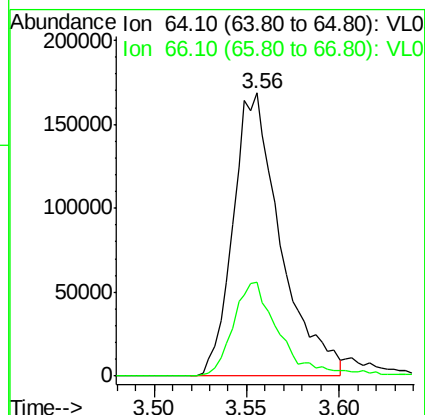
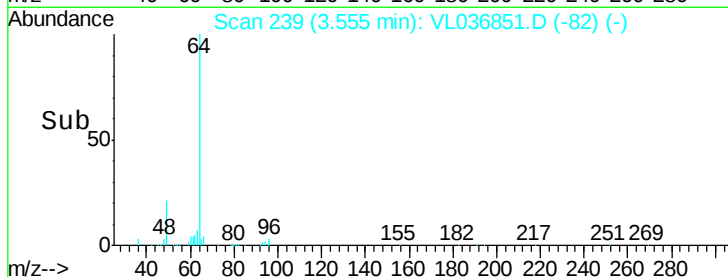
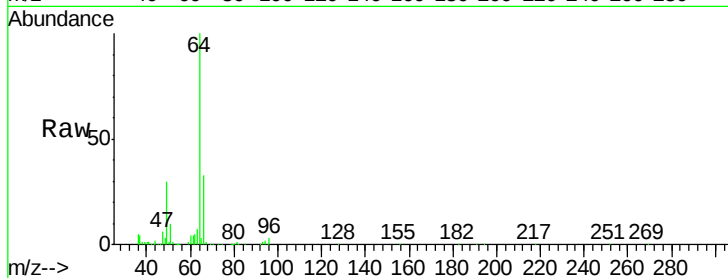
66 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#8

Dichlorotetrafluoroethane

Concen: 9.504 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL036851.D

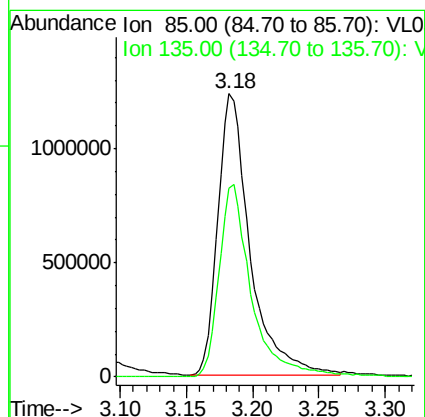
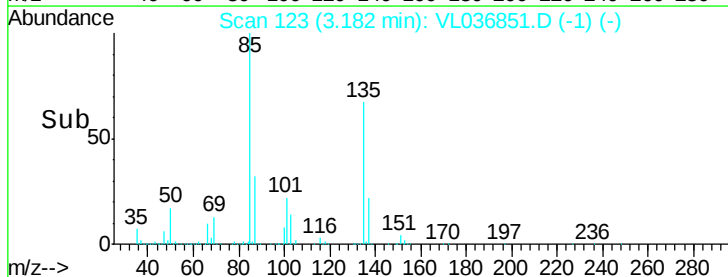
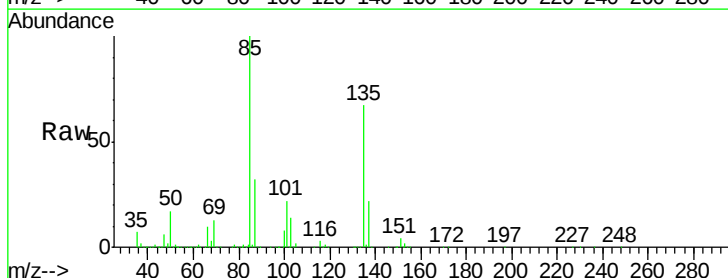
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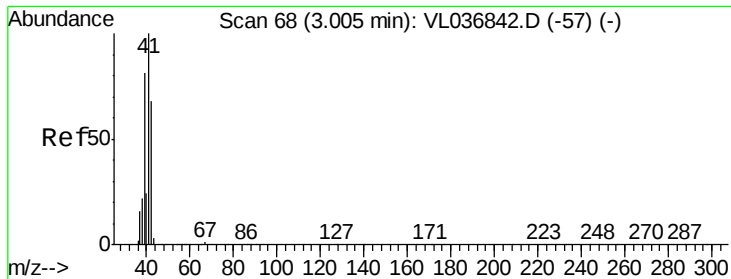
Tgt Ion: 85 Resp: 2086309

Ion Ratio Lower Upper

85 100

135 69.5 56.2 84.4



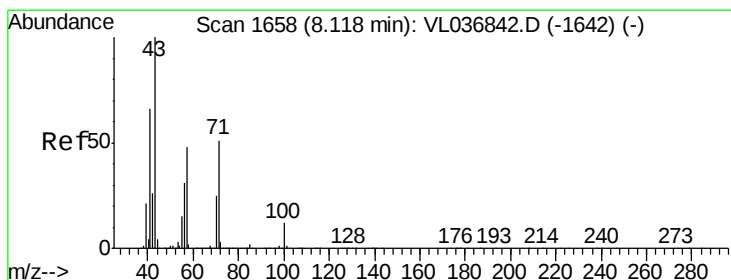
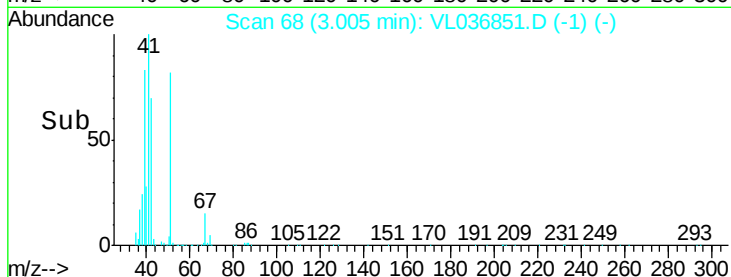
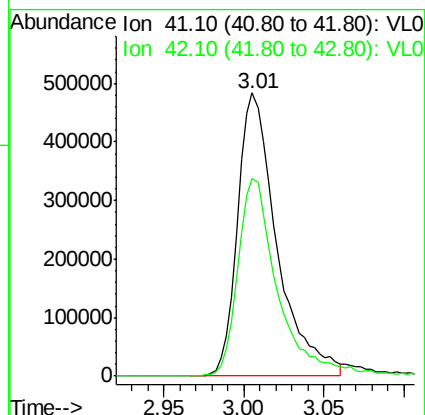
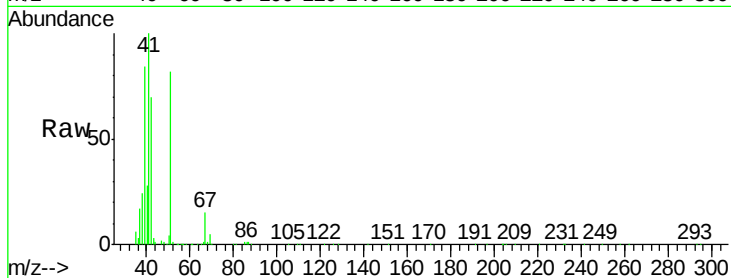


#9
Propene
Concen: 9.556 ppbv
RT: 3.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
41 100
42 71.

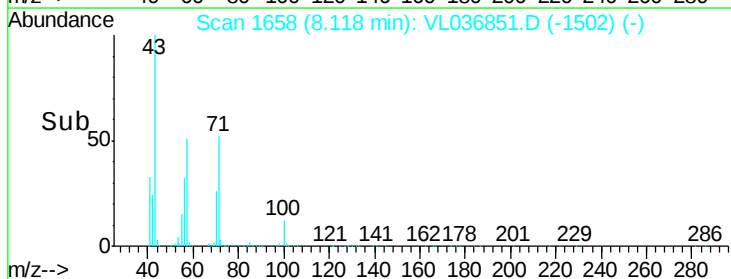
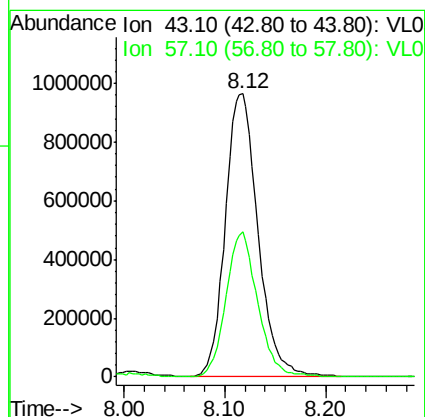
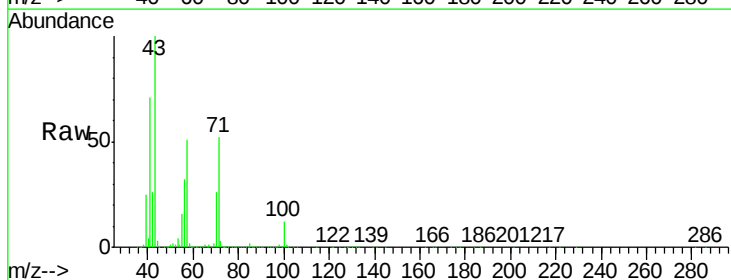
Manual Integrations
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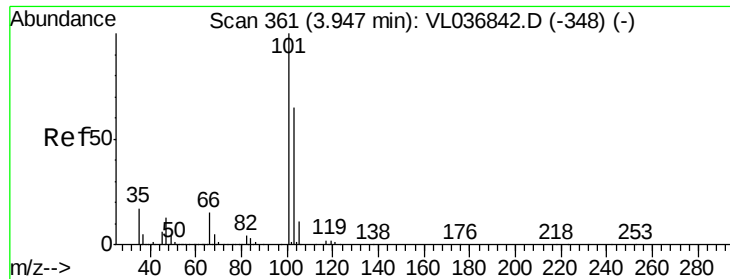
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#10
Heptane
Concen: 10.135 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 43 Resp: 2162063
Ion Ratio Lower Upper
43 100
57 50.0 38.8 58.2



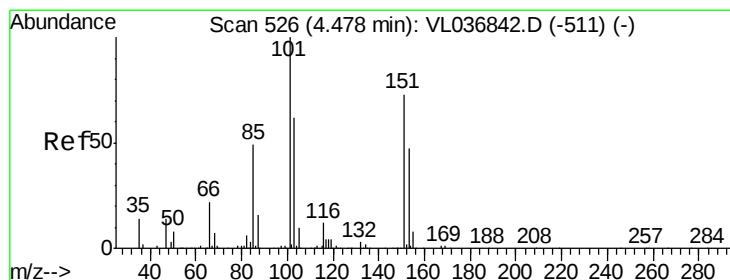
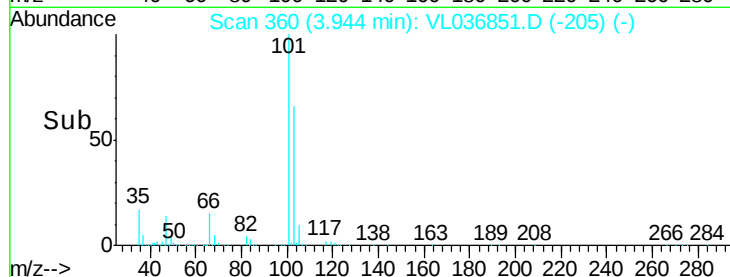
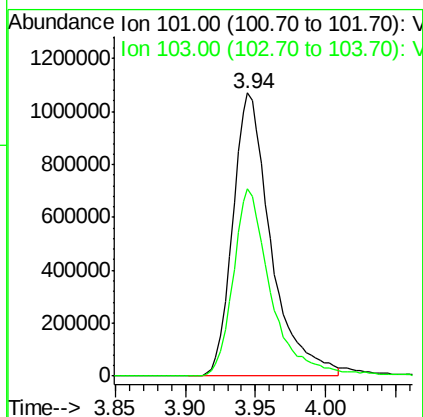
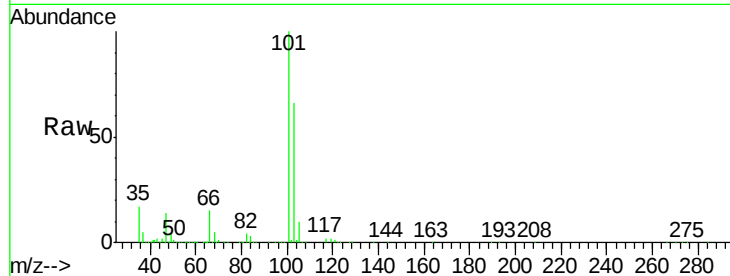


#11
 Trichlorofluoromethane
 Concen: 9.420 ppbv
 RT: 3.94
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0427ABS01
 Acq: 27 Apr 2021 8:24

Tot Ion:1
 Ion Rati
 101 100
 103 66.

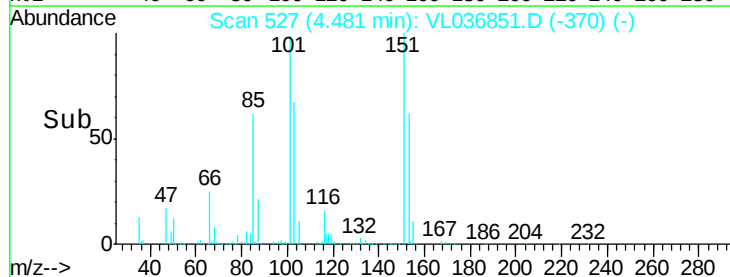
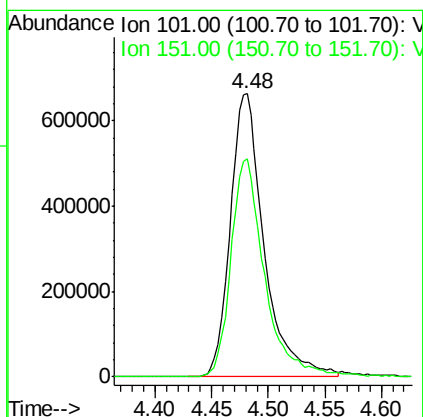
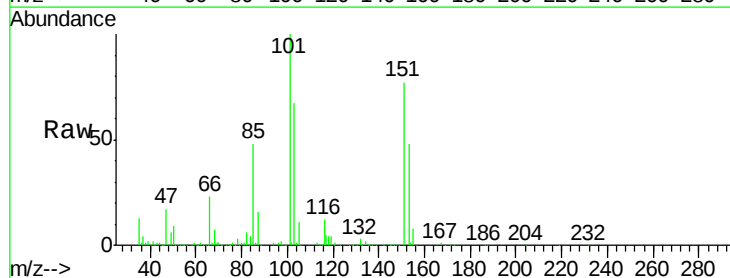
Manual Integrations
 APPROVED

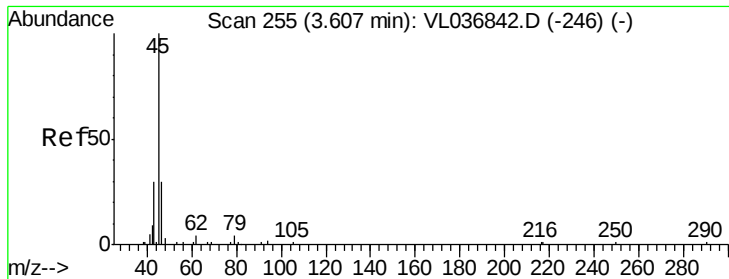
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.607 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion:101 Resp: 1381293
 Ion Ratio Lower Upper
 101 100
 151 77.5 61.1 91.7



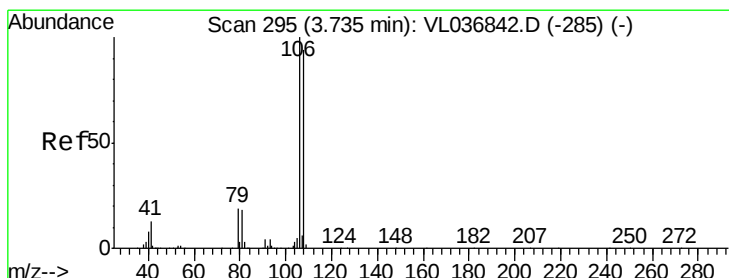
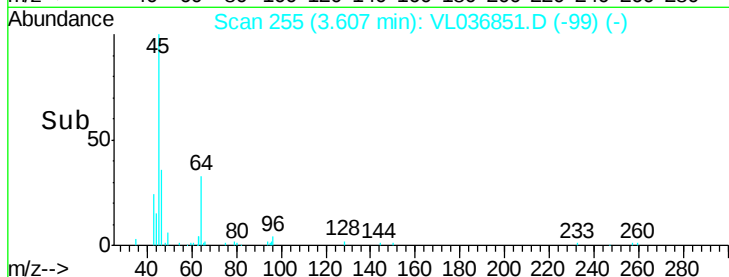
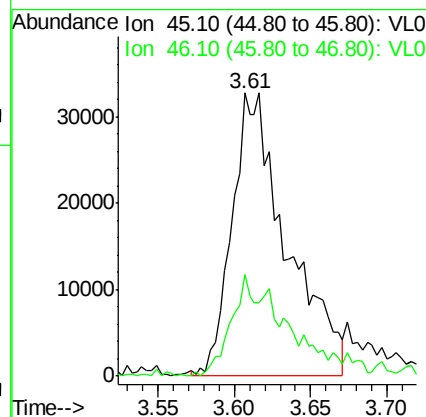
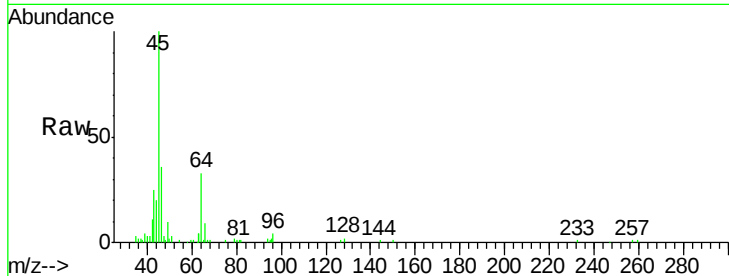


#13
Ethanol
Concen: 7.568 ppbv m
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
45 100
46 38.

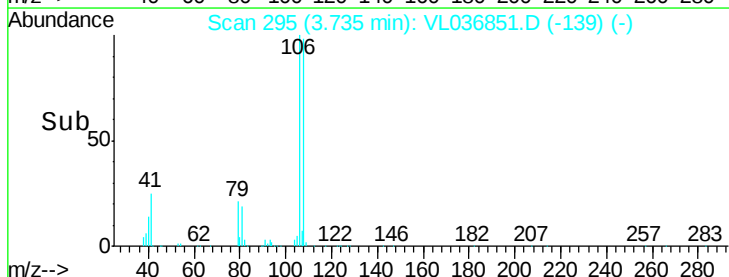
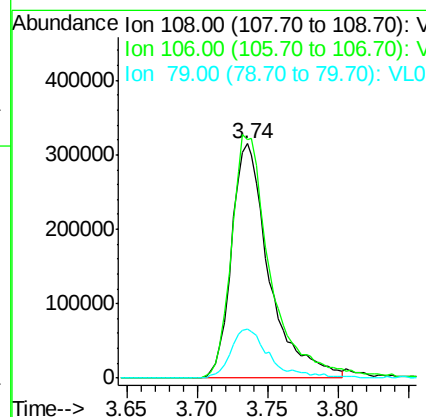
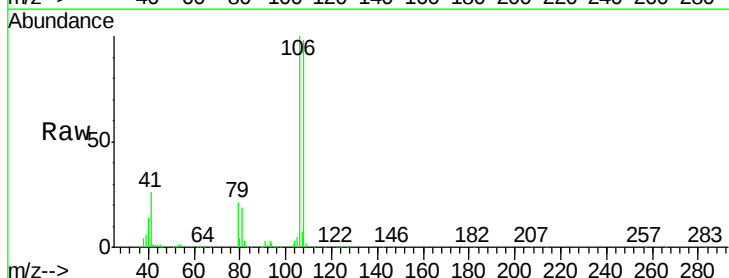
Manual Integrations
APPROVED

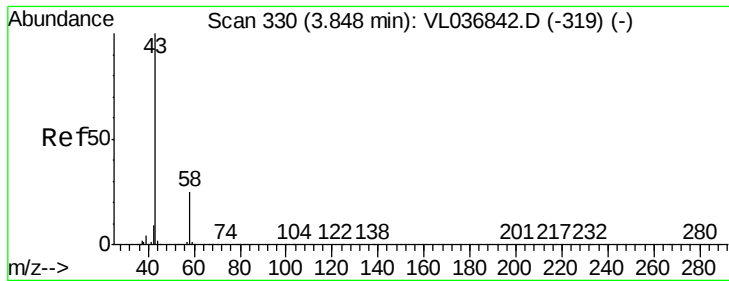
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#14
Bromoethene
Concen: 10.016 ppbv
RT: 3.74 min Scan# 295
Delta R.T. 0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion:108 Resp: 588346
Ion Ratio Lower Upper
108 100
106 109.2 88.5 132.7
79 22.5 17.9 26.9



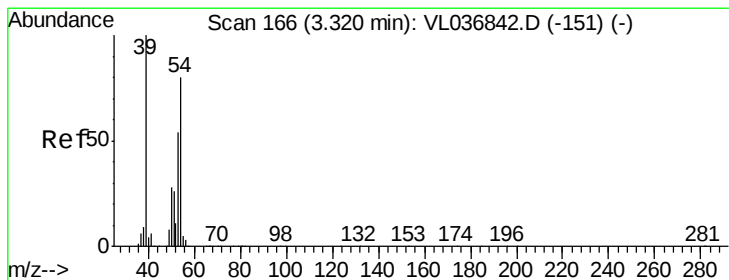
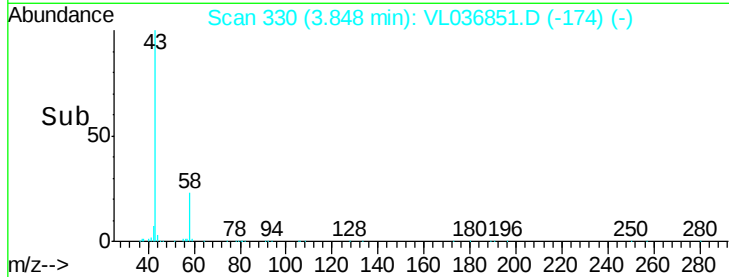
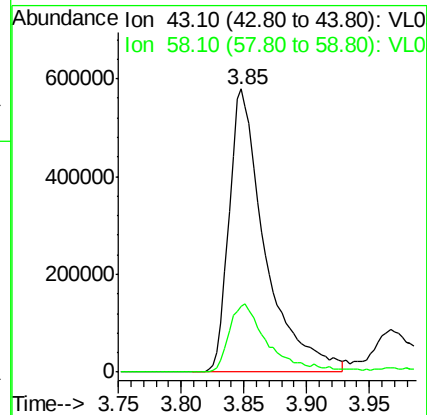
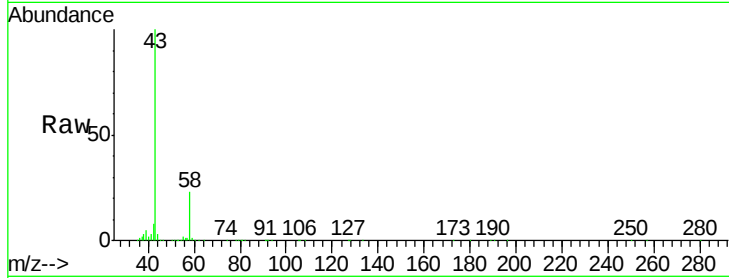


#15
Acetone
Concen: 7.989 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
43 100
58 26.

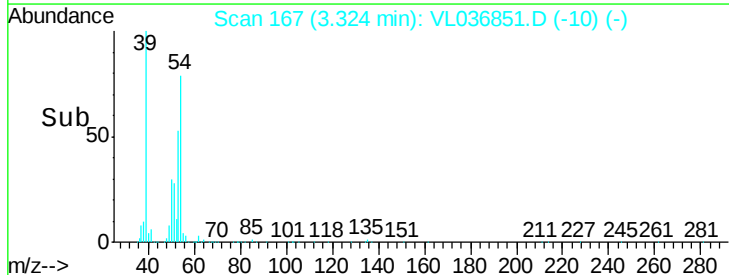
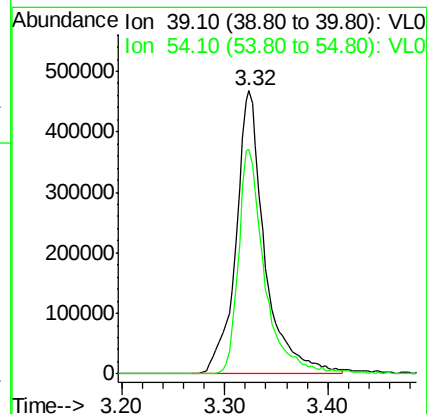
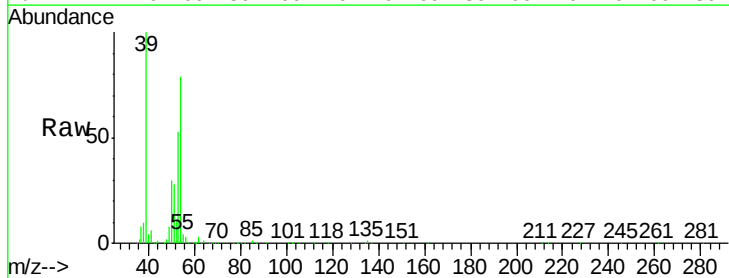
Manual Integrations
APPROVED

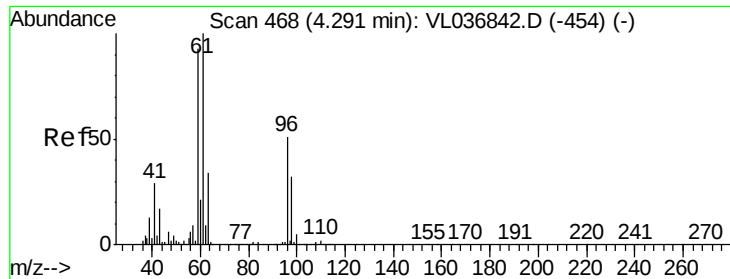
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#16
1,3-Butadiene
Concen: 9.859 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 39 Resp: 907981
Ion Ratio Lower Upper
39 100
54 73.2 59.6 89.4



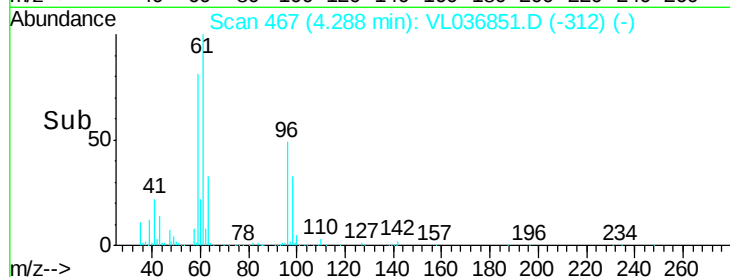
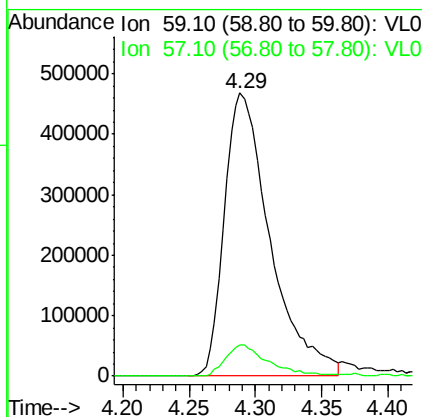
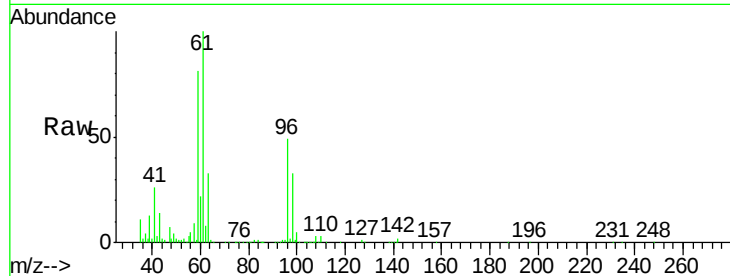


#17
tert-Butyl alcohol
Concen: 9.630 ppbv
RT: 4.29
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
59 100
57 11.

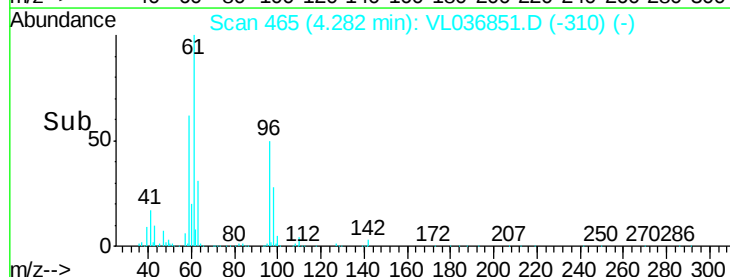
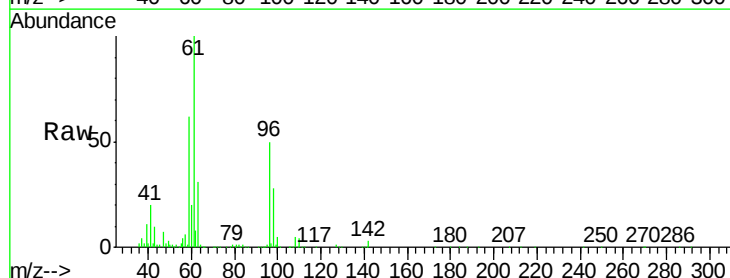
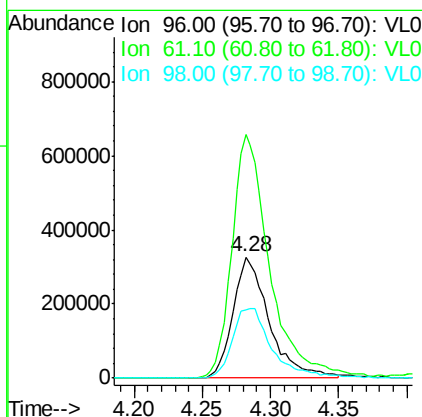
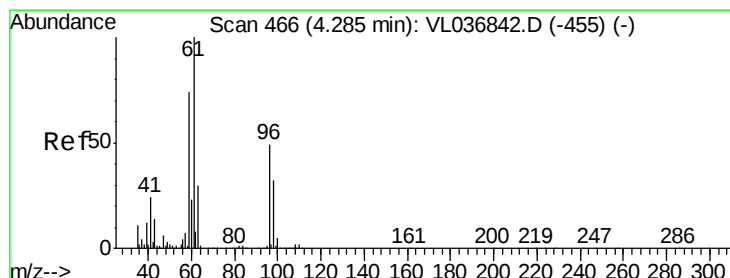
Manual Integrations
APPROVED

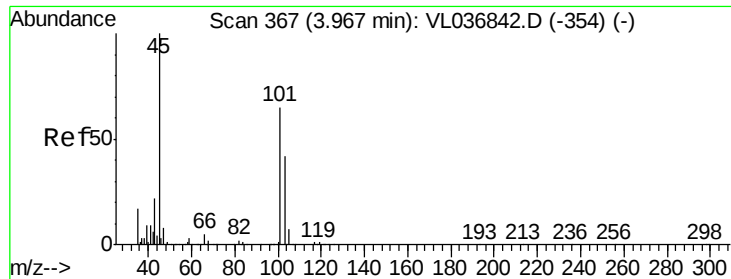
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#18
1,1-Dichloroethene
Concen: 9.639 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 96 Resp: 602297
Ion Ratio Lower Upper
96 100
61 201.5 162.2 243.2
98 56.9 51.8 77.6



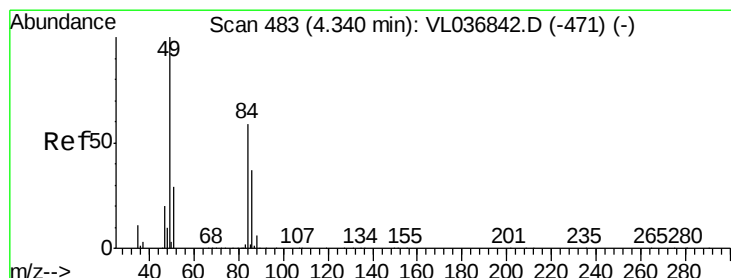
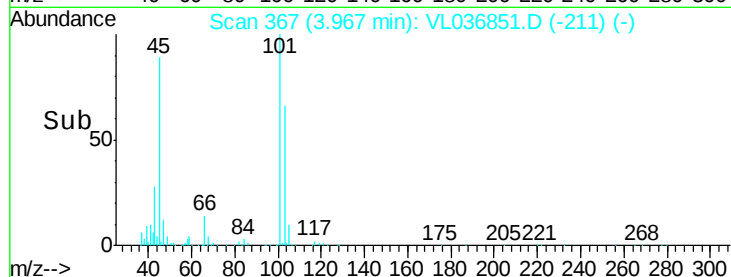
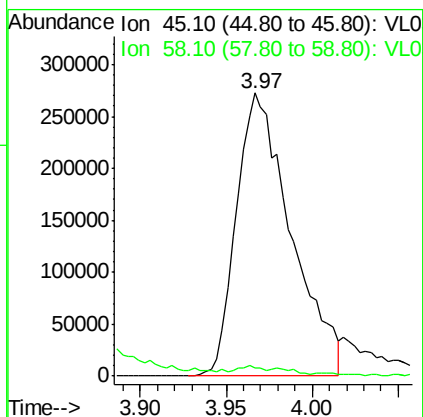
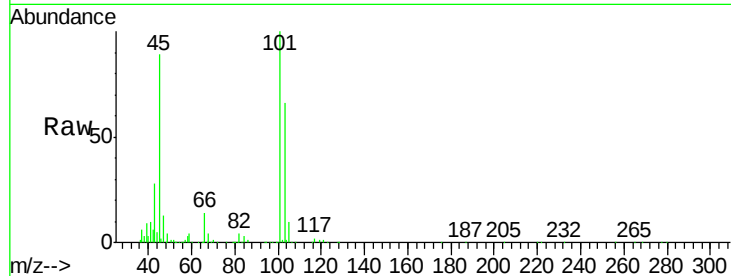


#19
Isopropyl Alcohol
Concen: 8.431 ppbv
RT: 3.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
45 100
58 3.

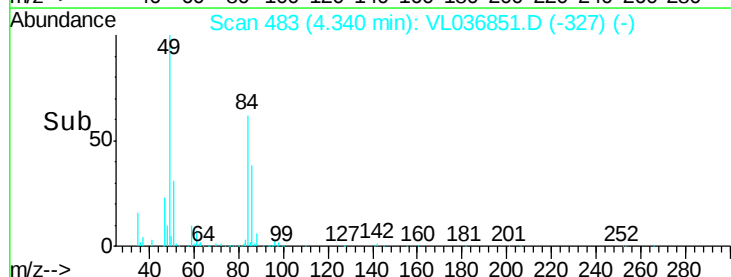
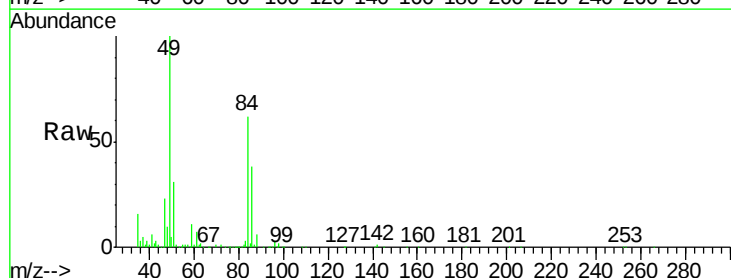
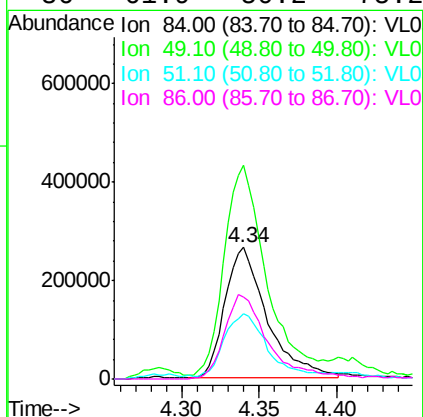
Manual Integrations
APPROVED

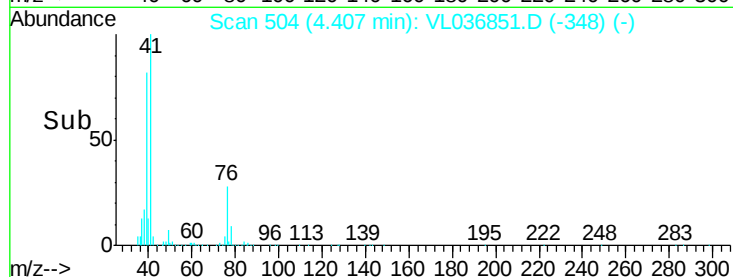
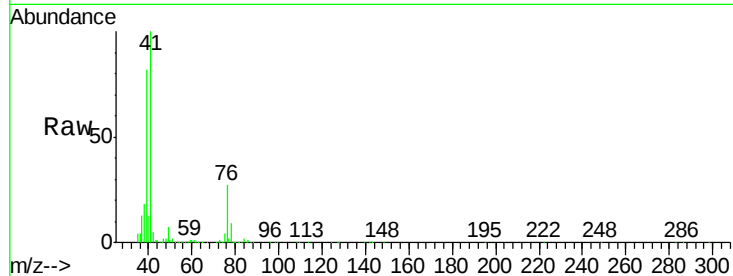
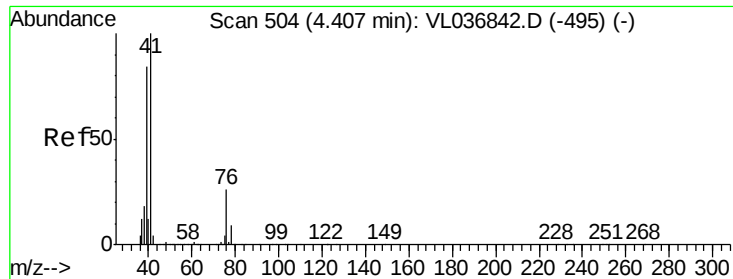
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#20
Methylene Chloride
Concen: 7.337 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 84 Resp: 505368
Ion Ratio Lower Upper
84 100
49 160.0 135.4 203.0
51 47.1 39.3 58.9
86 61.9 50.2 75.2



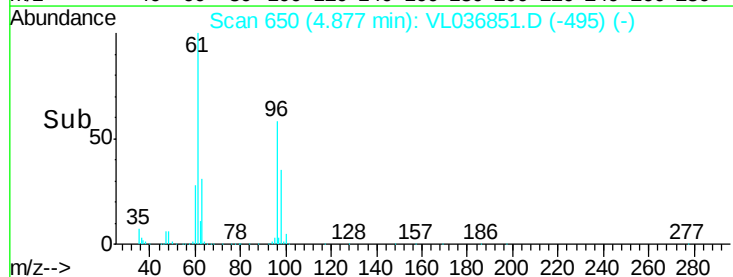
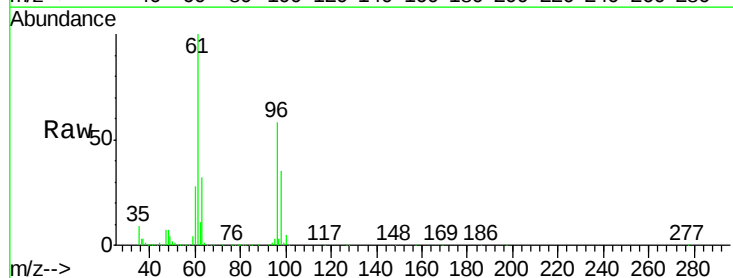
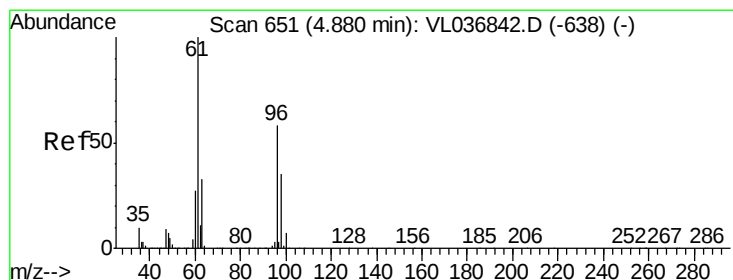
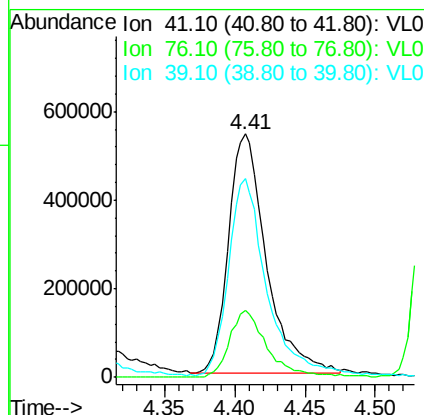


#21
Allvl Chloride
Concen: 9.510 ppbv
RT: 4.41
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
41 100
76 28.
39 84.

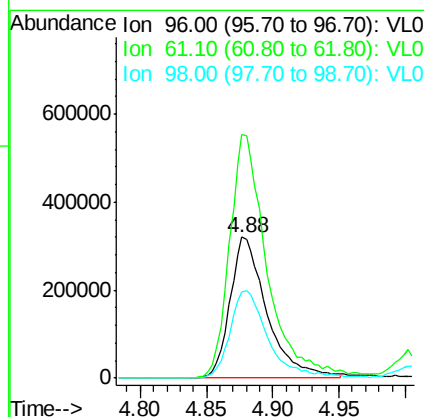
Manual Integrations
APPROVED

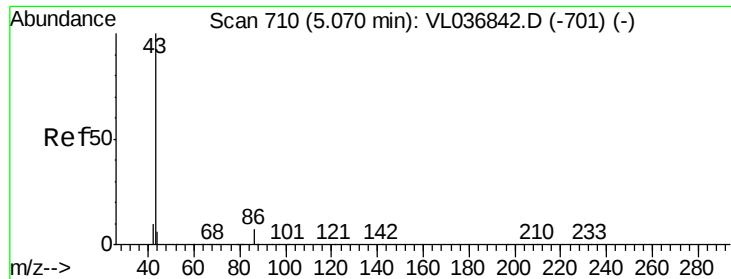
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#22
trans-1,2-Dichloroethene
Concen: 9.898 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 96 Resp: 620673
Ion Ratio Lower Upper
96 100
61 172.6 138.6 207.8
98 60.9 48.1 72.1

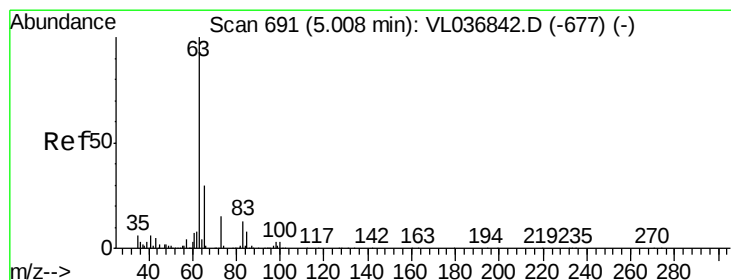
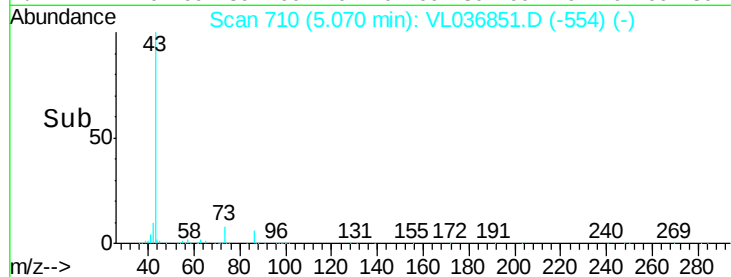
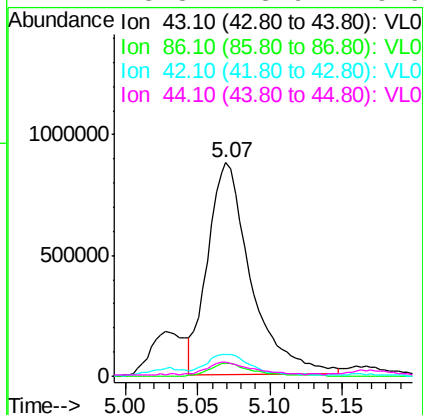
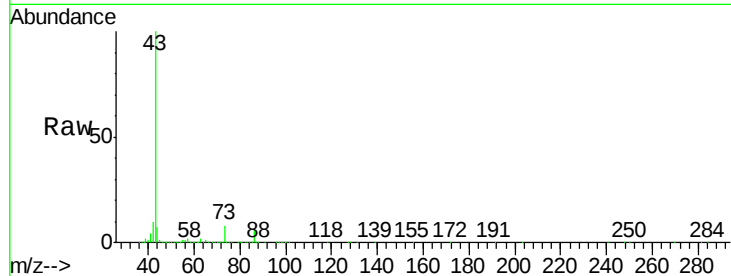




#23
 Vinyl Acetate
 Concen: 9.346 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 8:24

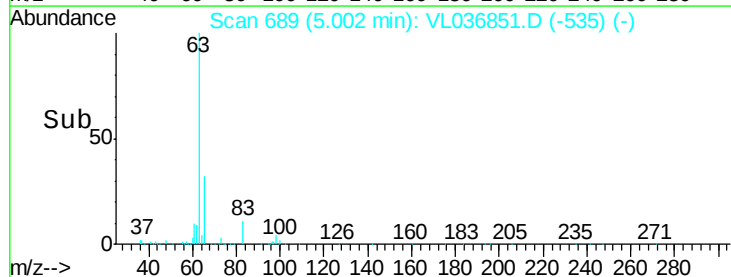
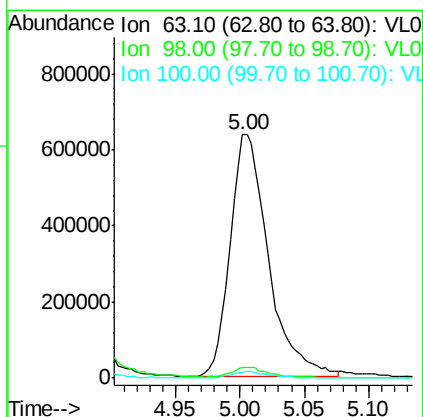
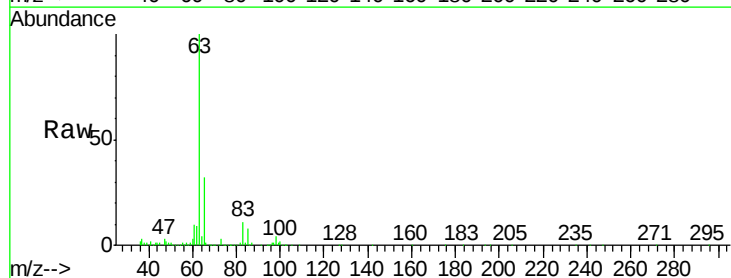
Tot Ion: Manual Integrations
 Ion Ratio APPROVED
 43 100
 86 5.
 42 9.
 44 5.8 3.9 5.9

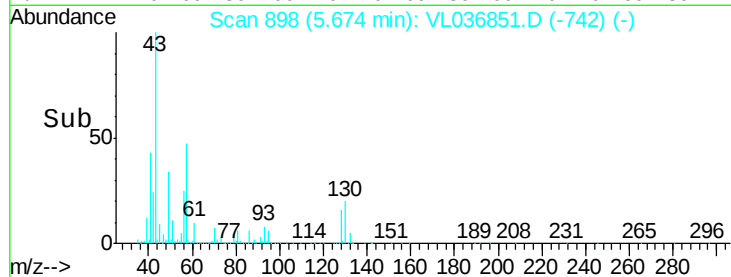
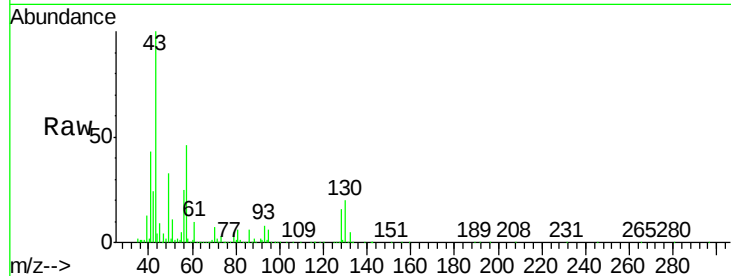
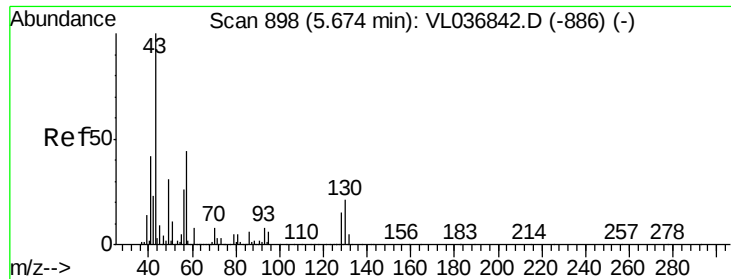
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#24
 1,1-Dichloroethane
 Concen: 9.467 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion: 63 Resp: 1316668
 Ion Ratio Lower Upper
 63 100
 98 4.1 1.7 5.1
 100 2.1 1.3 3.8



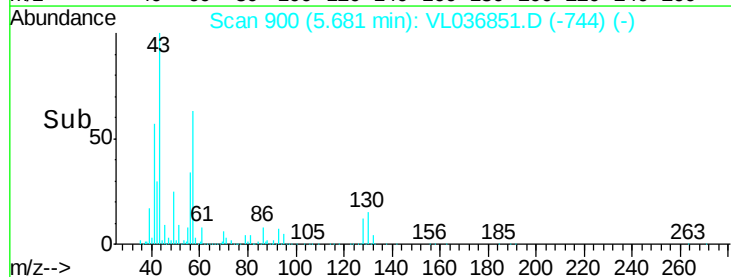
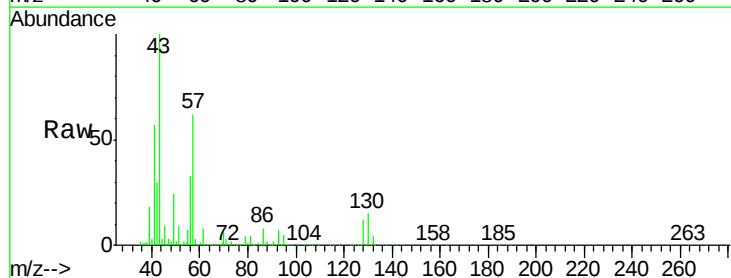
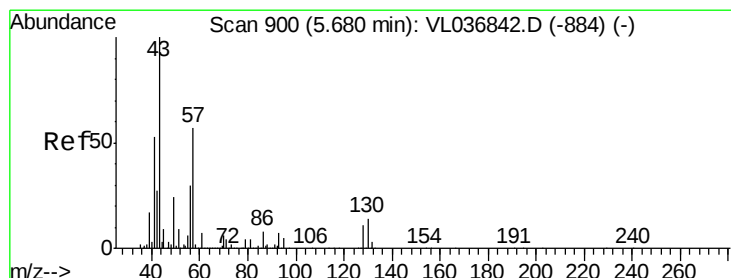
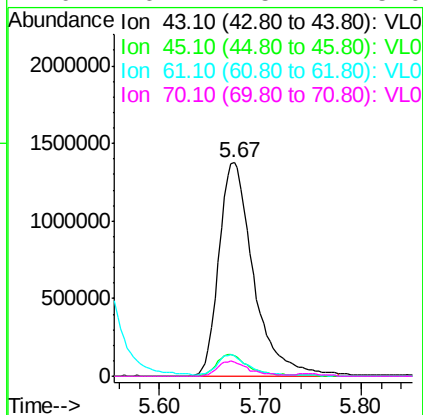


#25
Ethyl Acetate
Concen: 9.360 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0427ABS01
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.4 5.4 8.0

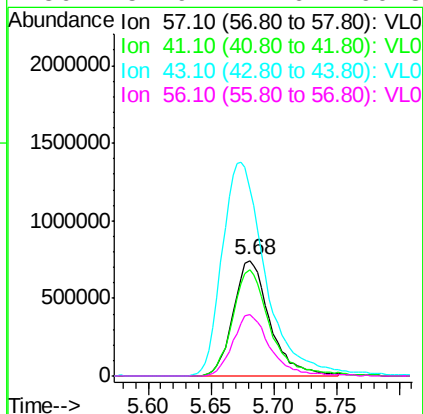
Manual Integrations
APPROVED

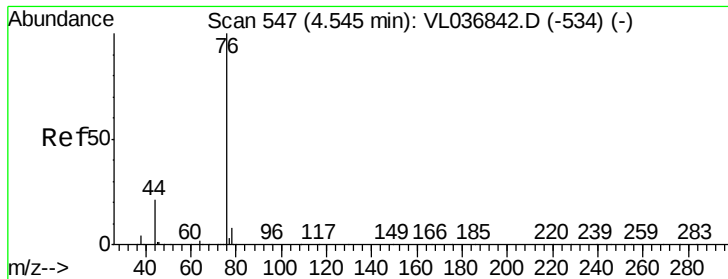
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#26
Hexane
Concen: 9.171 ppbv
RT: 5.68 min Scan# 900
Delta R.T.: 0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 57 Resp: 1509649
Ion Ratio Lower Upper
57 100
41 95.7 77.7 116.5
43 219.7 180.5 270.7
56 54.9 44.6 66.8





#27

Carbon Disulfide

Concen: 10.922 ppbv

RT: 4.55 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Apr 2021 8:24

Tot Ion:

Ion Ratio

76 100

44 21.

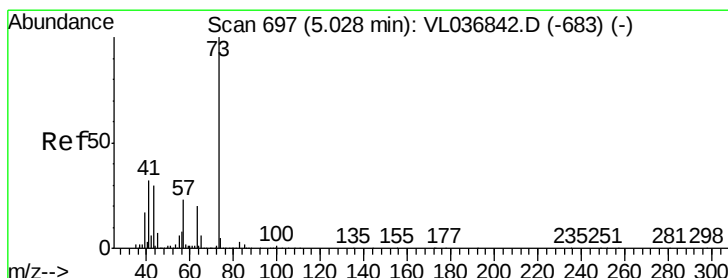
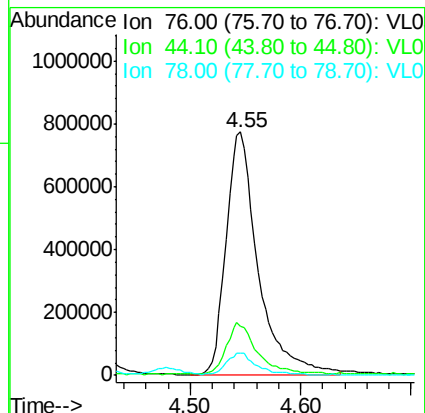
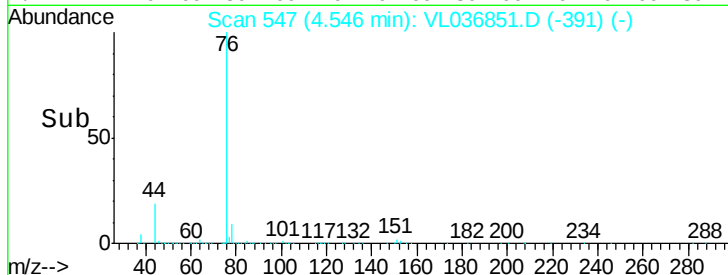
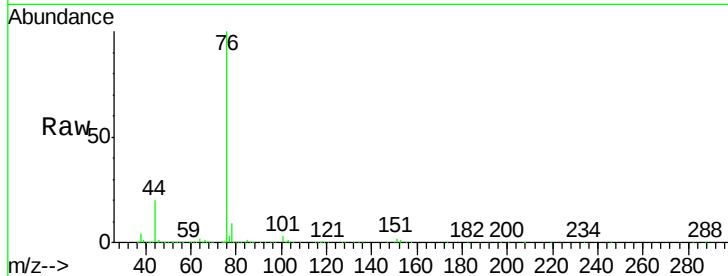
78 8.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#28

Methyl tert-Butyl Ether

Concen: 8.838 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.00 min

Lab File: VL036851.D

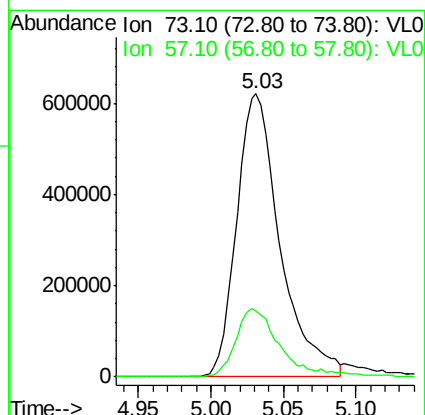
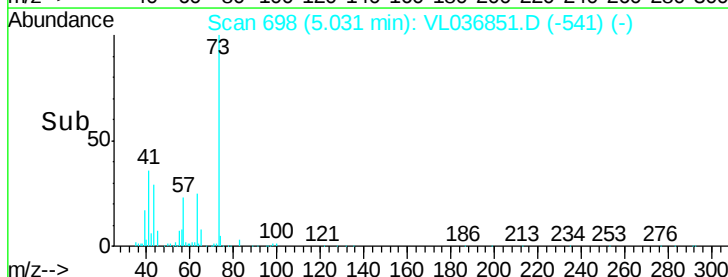
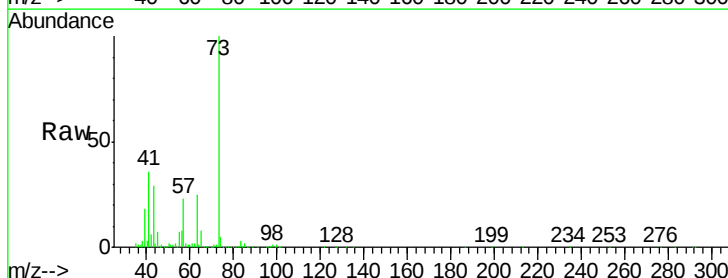
Acq: 27 Apr 2021 8:24

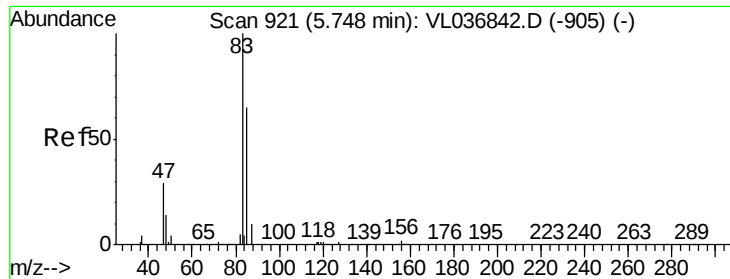
Tgt Ion: 73 Resp: 1289424

Ion Ratio Lower Upper

73 100

57 25.0 19.0 28.6



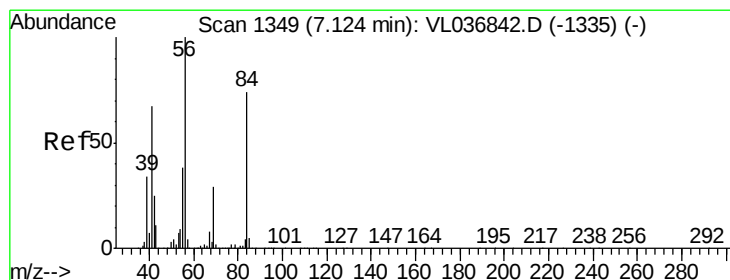
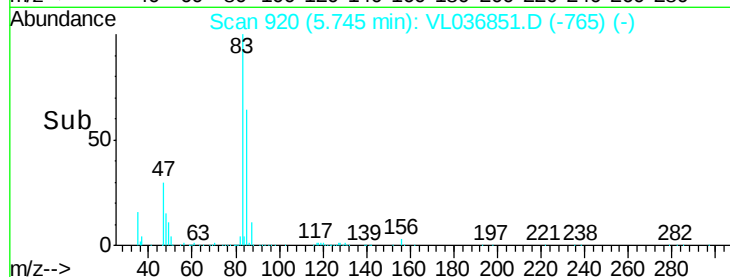
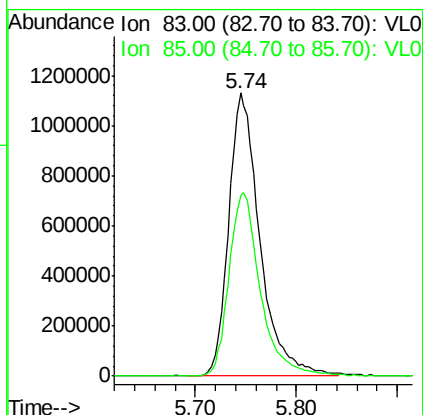
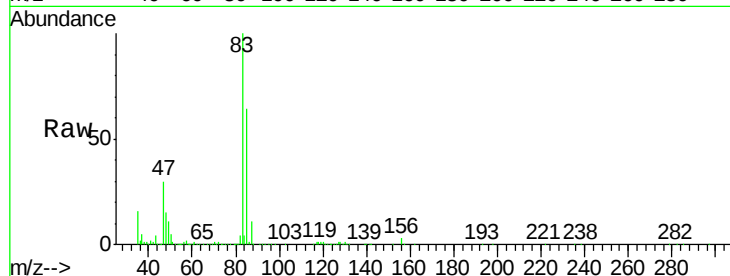


#29
Chloroform
Concen: 9.508 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
83 100
85 63.

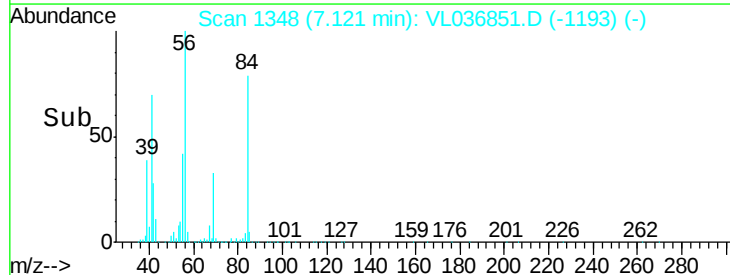
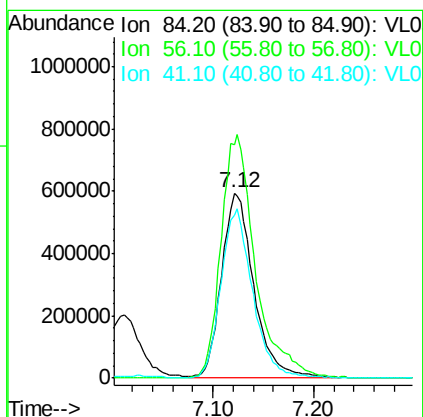
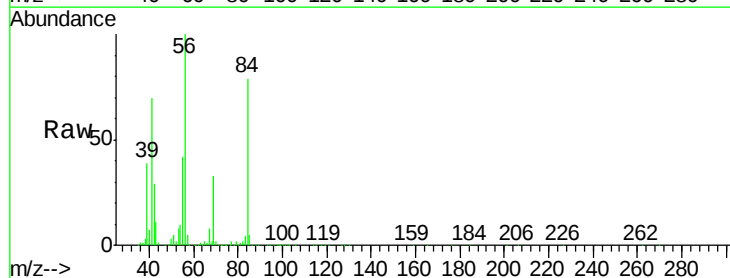
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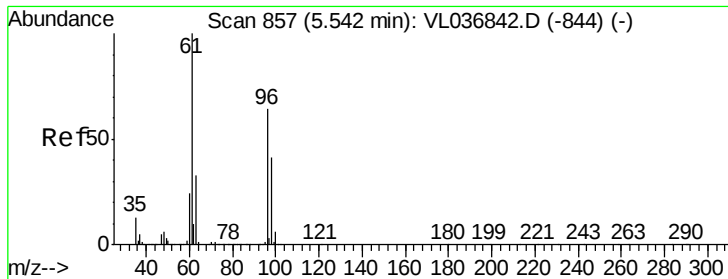
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#30
Cyclohexane
Concen: 10.115 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 84 Resp: 1320363
Ion Ratio Lower Upper
84 100
56 141.3 115.8 173.6
41 90.5 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 10.022 ppbv

RT: 5.54 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0427ABS01

Acq: 27 Apr 2021 8:24

Tot Ion:

Ion Ratio

61 100

96 62.

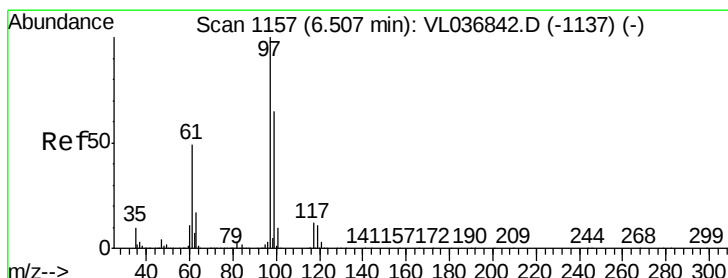
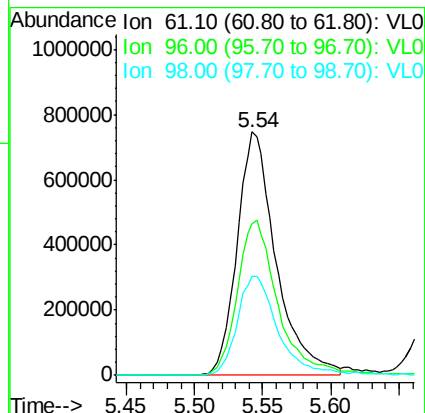
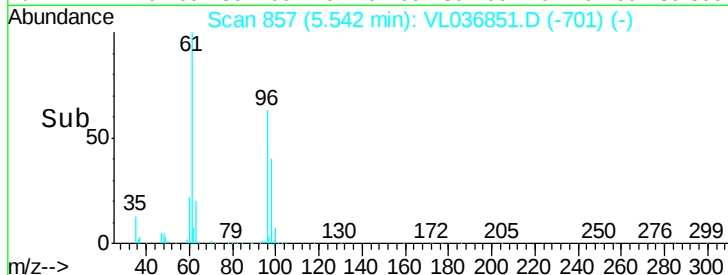
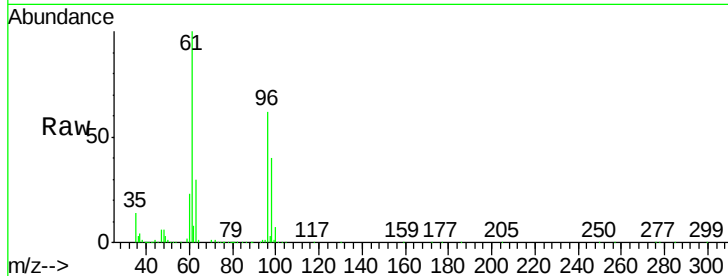
98 40.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#32

1,1,1-Trichloroethane

Concen: 9.418 ppbv

RT: 6.50 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

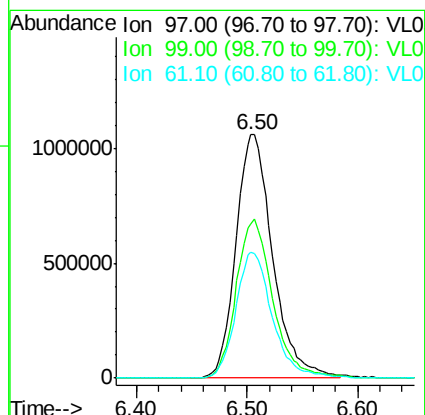
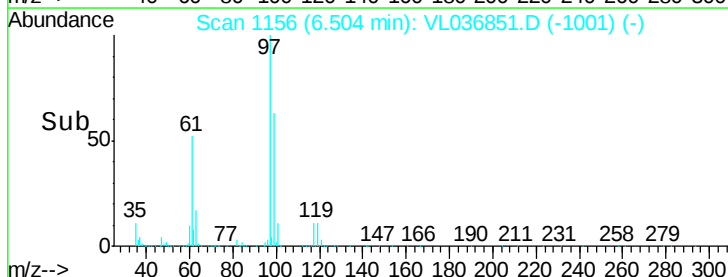
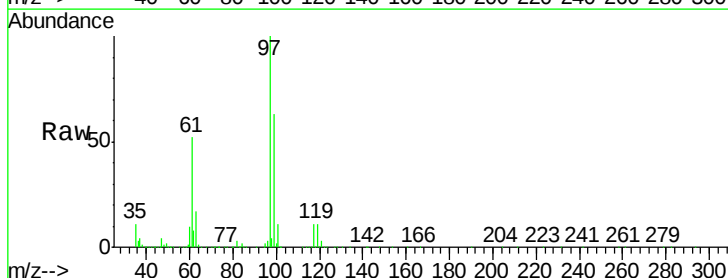
Tgt Ion: 97 Resp: 2457613

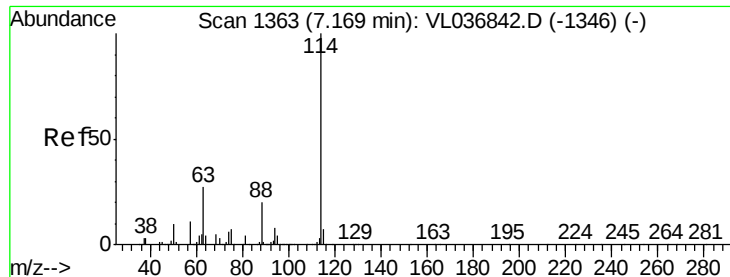
Ion Ratio Lower Upper

97 100

99 65.2 51.8 77.6

61 51.1 40.8 61.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Instrument: MSVOA_L

Delta R.T.:

Lab File: ClientSampleId:

Acq: 27 Apr 2021 8:24

Tot Ion: 1

Ion Ratio

114 100

63 27.

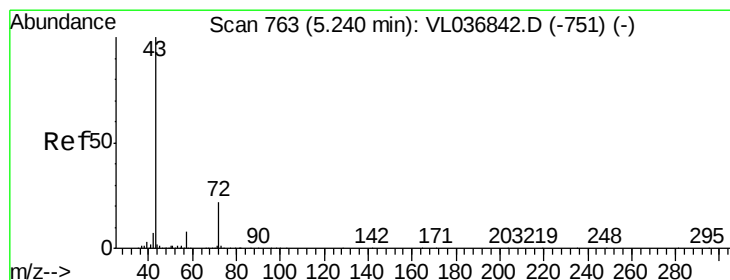
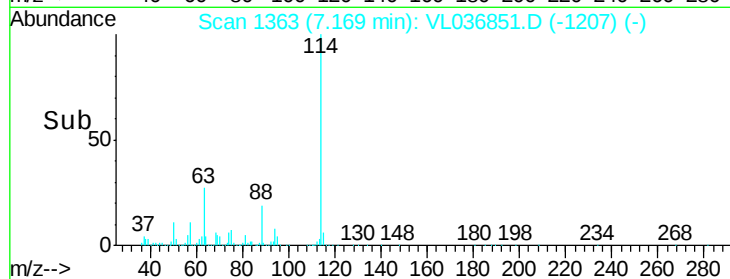
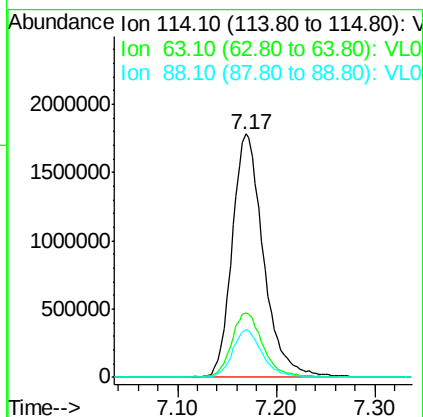
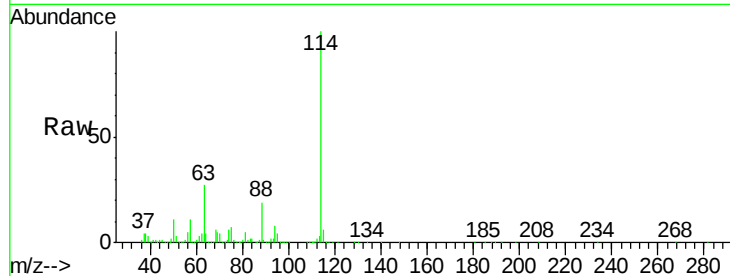
88 18.

Manual Integrations

APPROVED

Reviewed By: Semsettin Yesilyurt 04/28/2021

Supervised By: Mahesh Dadoda 04/29/2021



#34

2-Butanone

Concen: 9.305 ppbv

RT: 5.24 min Scan# 763

Delta R.T. 0.00 min

Lab File: VL036851.D

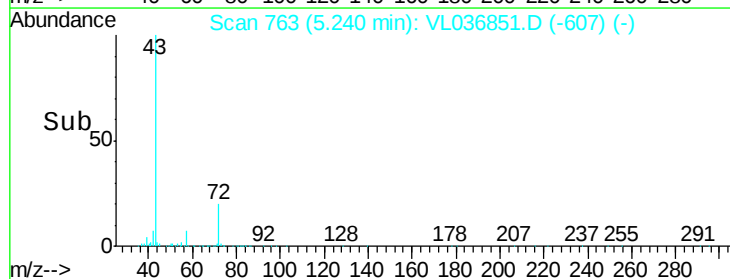
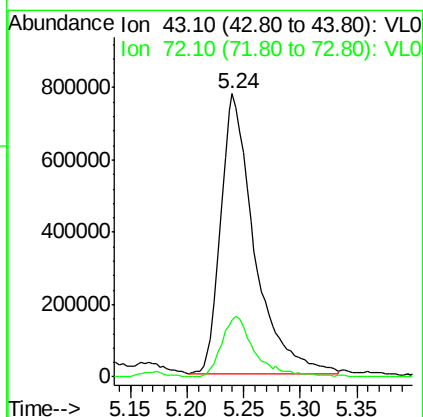
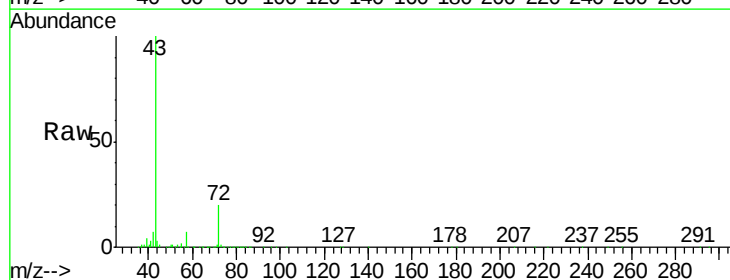
Acq: 27 Apr 2021 8:24

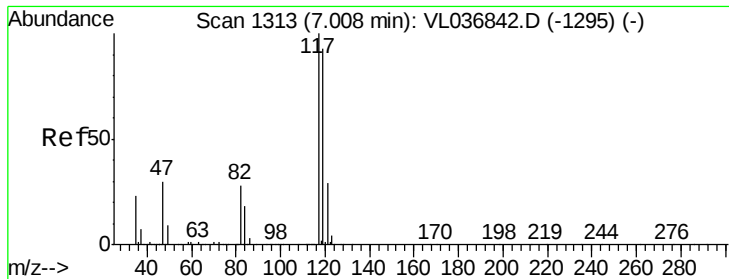
Tgt Ion: 43 Resp: 1600223

Ion Ratio Lower Upper

43 100

72 21.6 17.6 26.4



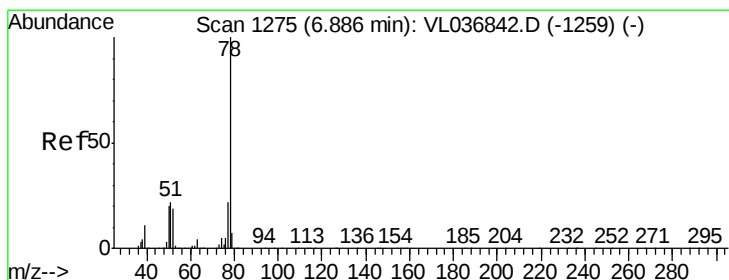
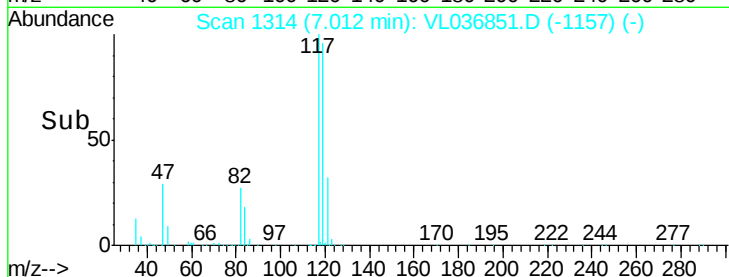
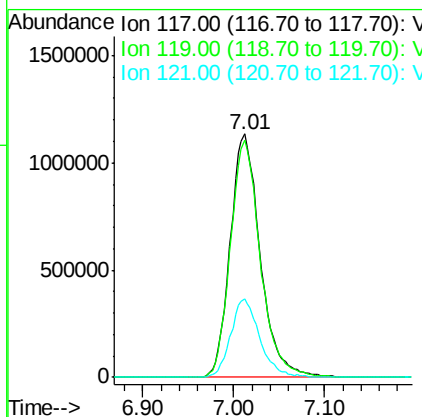
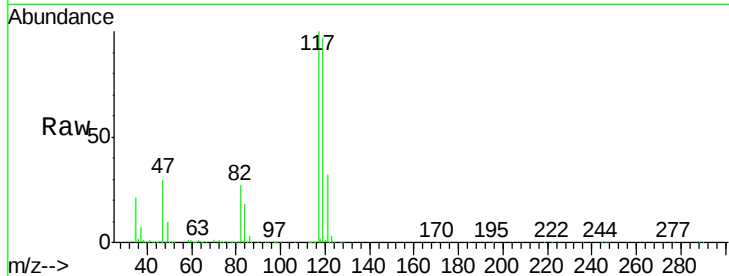


#35
Carbon Tetrachloride
Concen: 9.752 ppbv
RT: 7.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion:1
Ion Rati
117 100
119 97.
121 32.

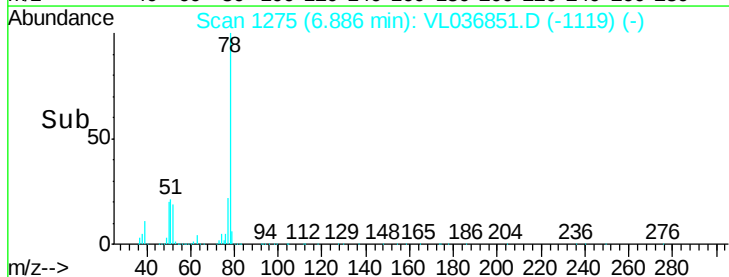
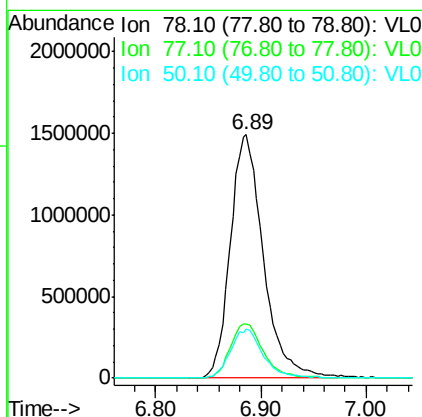
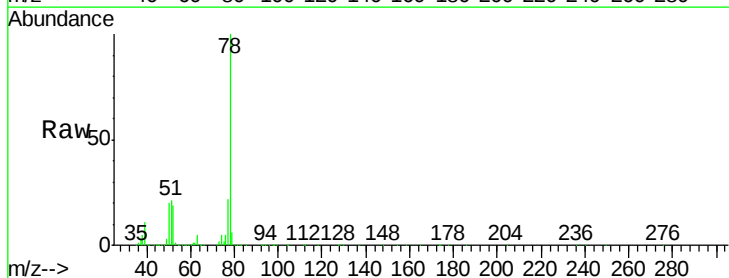
Manual Integrations
APPROVED

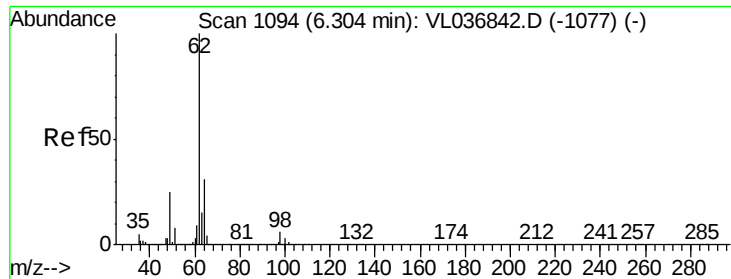
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#36
Benzene
Concen: 9.779 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 78 Resp: 3234708
Ion Ratio Lower Upper
78 100
77 22.3 17.6 26.4
50 20.0 16.3 24.5



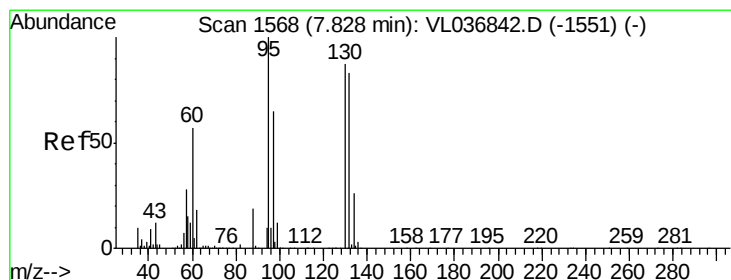
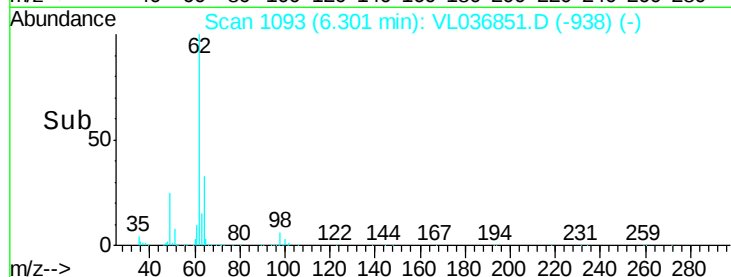
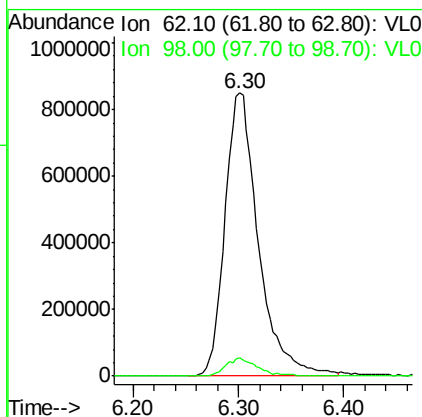
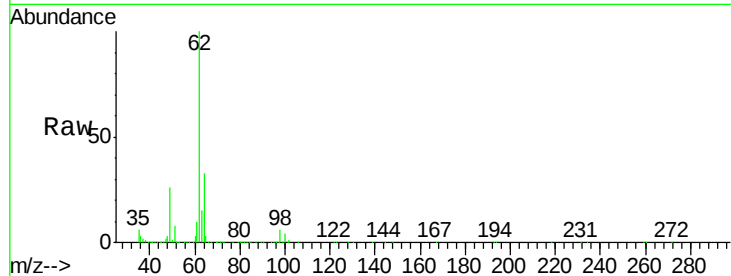


#37
 1,2-Dichloroethane
 Concen: 9.958 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0427ABS01
 Acq: 27 Apr 2021 8:24

Tot Ion:
 Ion Ratio
 62 100
 98 6.

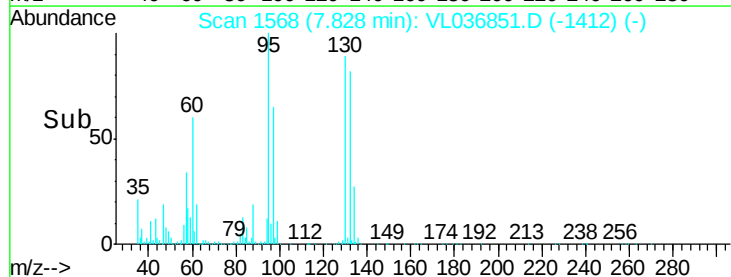
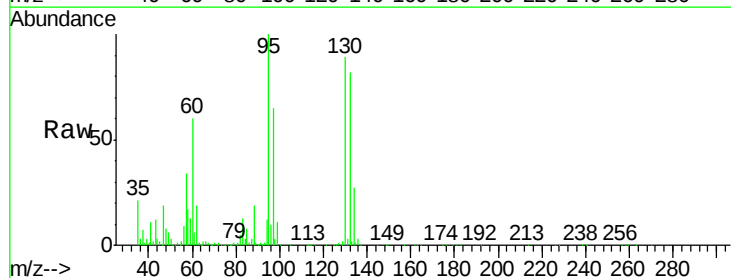
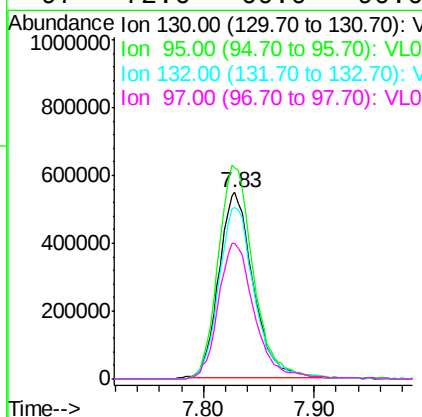
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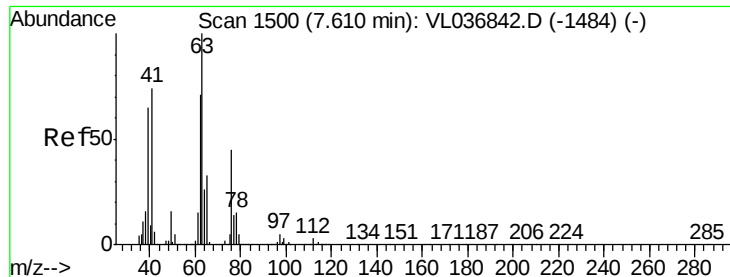
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#38
 Trichloroethene
 Concen: 10.035 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion:130 Resp: 1181819
 Ion Ratio Lower Upper
 130 100
 95 112.6 92.3 138.5
 132 91.9 76.8 115.2
 97 72.6 60.0 90.0



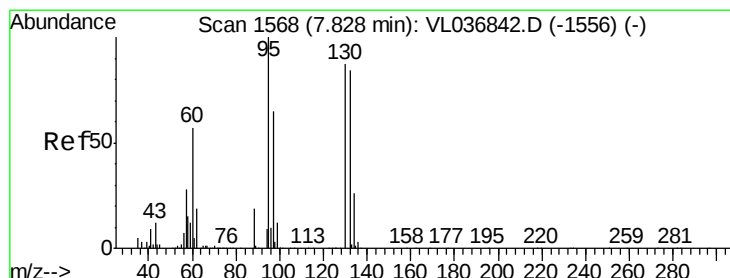
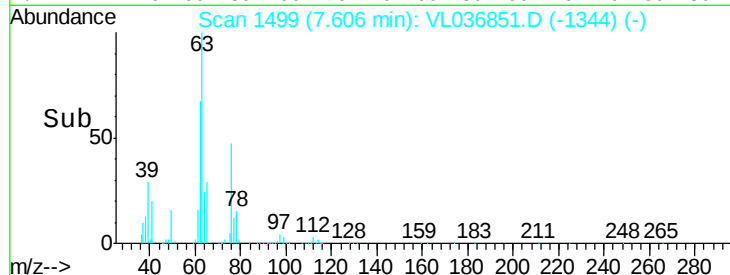
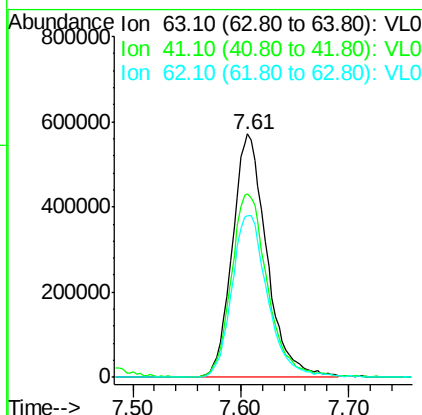
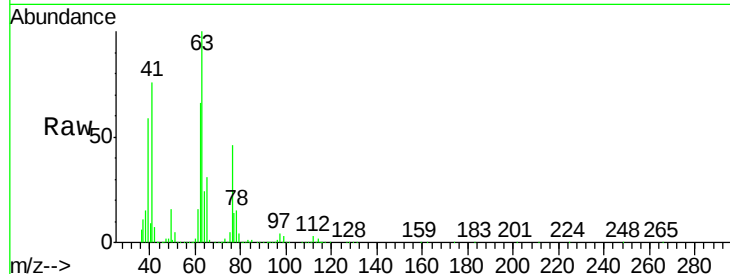


#39
 1,2-Dichloropropane
 Concen: 9.548 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0427ABS01
 Acq: 27 Apr 2021 8:24

Tot Ion:
 Ion Ratio
 63 100
 41 75.
 62 66.

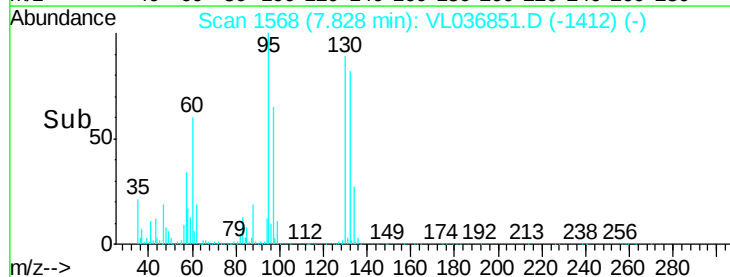
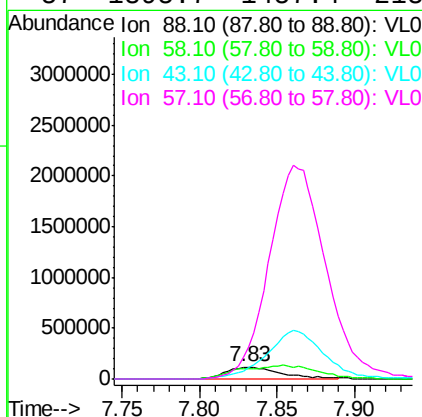
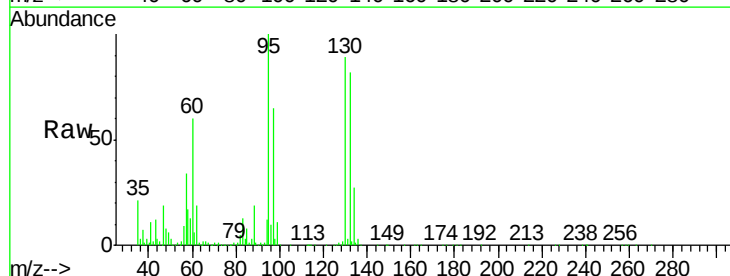
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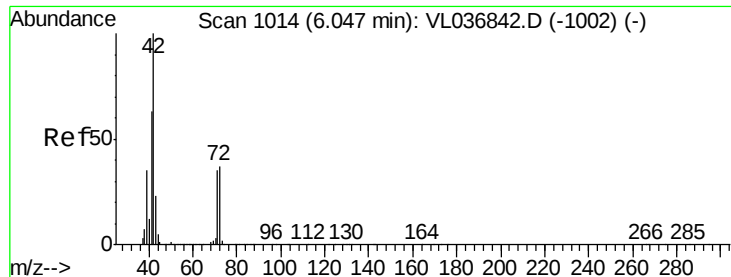
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#40
 1,4-Dioxane
 Concen: 8.933 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion: 88 Resp: 285867
 Ion Ratio Lower Upper
 88 100
 58 170.6 132.6 198.8
 43 435.3 331.5 497.3
 57 1895.7 1457.4 2186.0



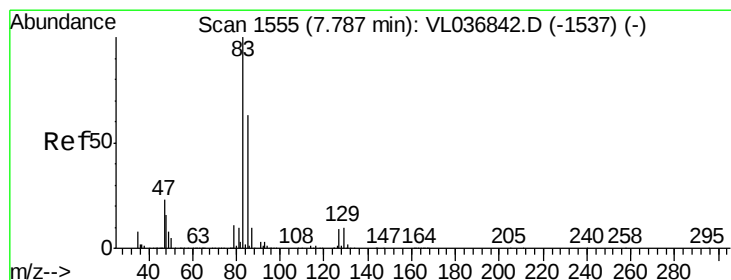
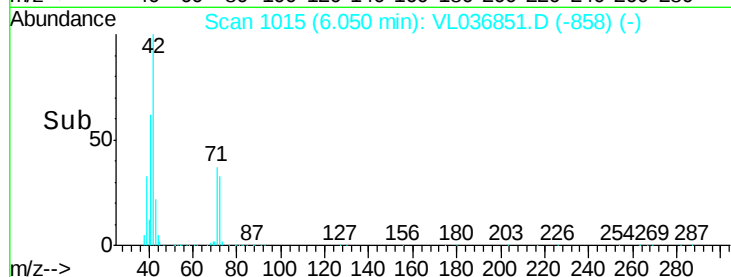
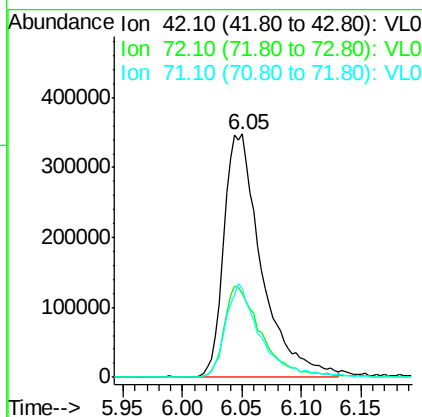
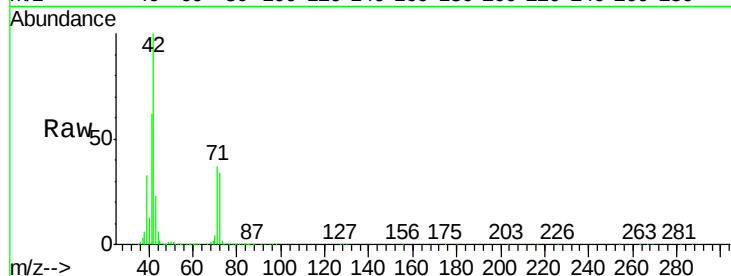


#41
Tetrahydrofuran
Concen: 10.088 ppbv
RT: 6.05
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

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

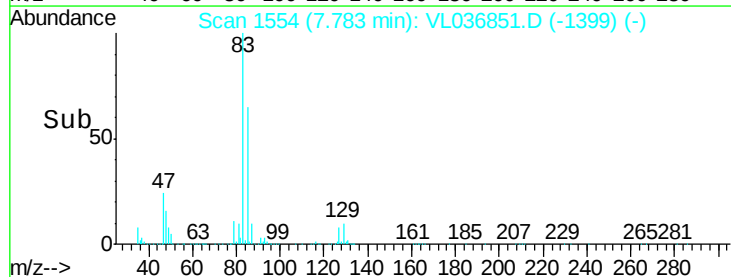
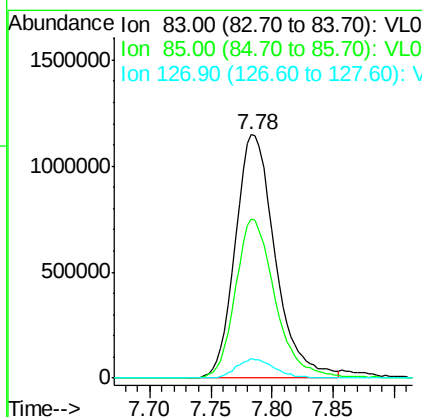
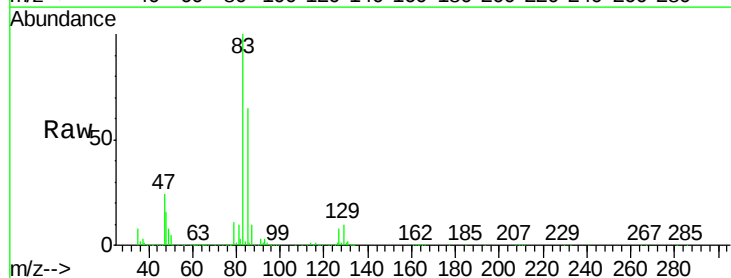
Manual Integrations
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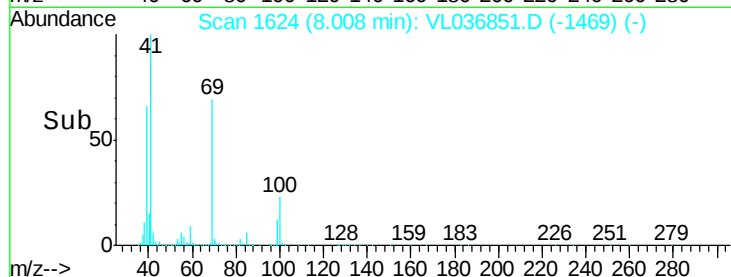
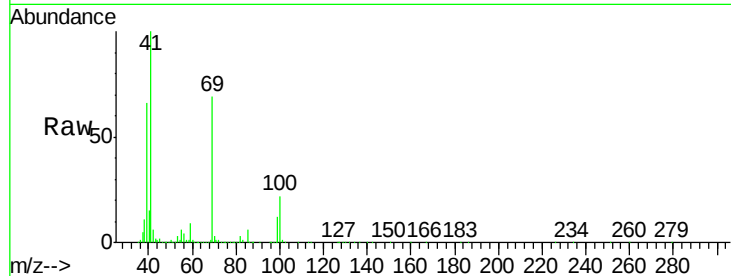
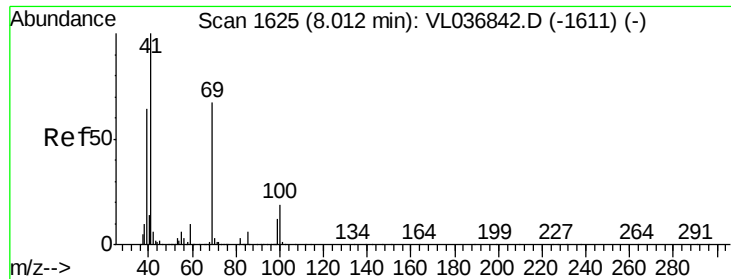
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#42
Bromodichloromethane
Concen: 10.005 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 83 Resp: 2603855
Ion Ratio Lower Upper
83 100
85 65.2 50.4 75.6
127 8.2 6.9 10.3



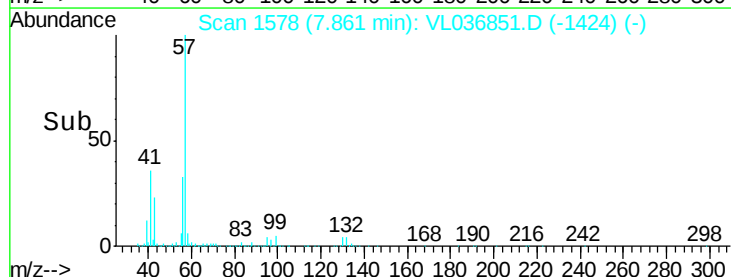
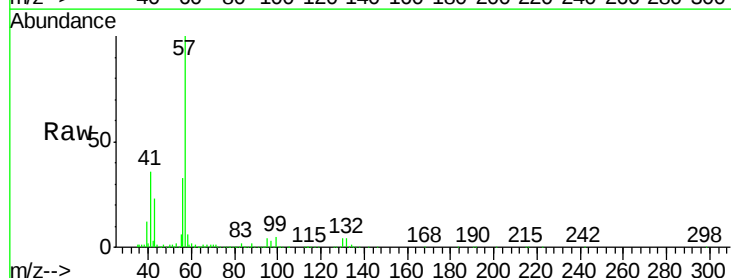
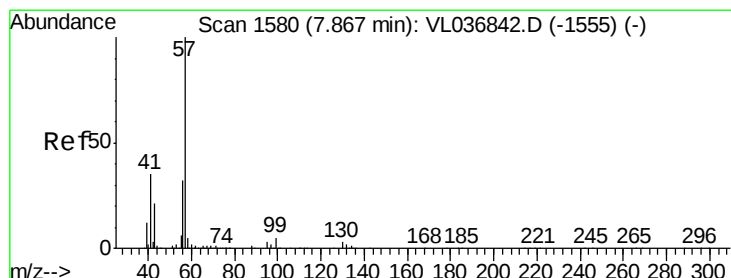
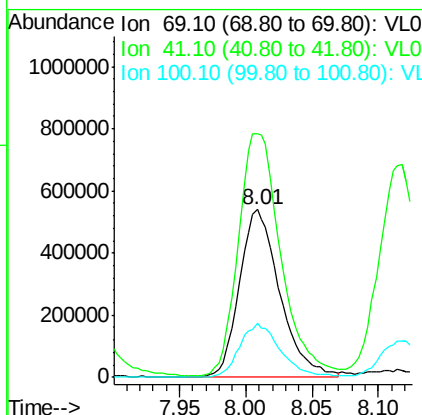


#43
Methvl Methacrilate
Concen: 10.577 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
69 100
41 153.
100 32.

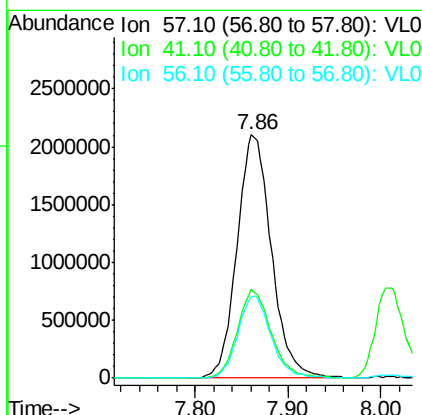
Manual Integrations
APPROVED

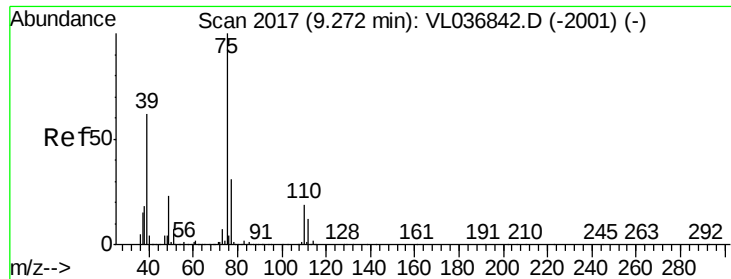
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#44
2,2,4-Trimethylpentane
Concen: 9.542 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 57 Resp: 5409328
Ion Ratio Lower Upper
57 100
41 35.6 28.2 42.4
56 32.5 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 10.931 ppbv

RT: 9.27 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 8:24 VL0427ABS01

Tot Ion:

Ion Ratio

75 100

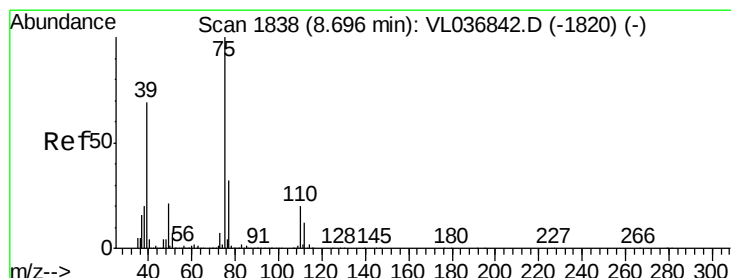
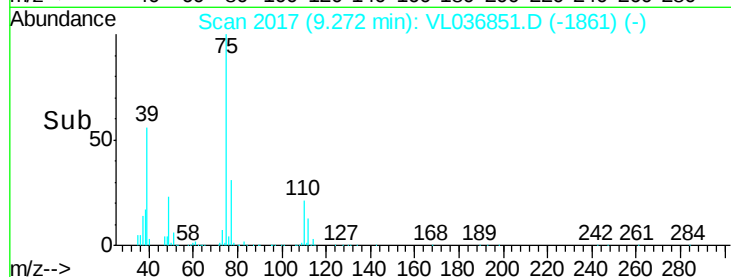
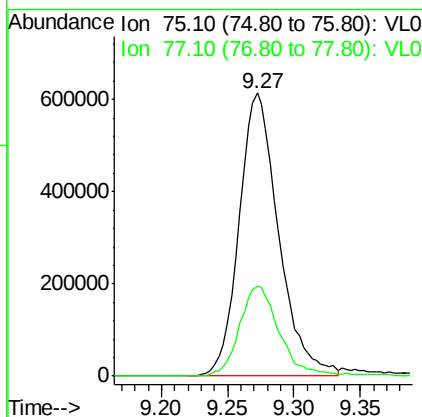
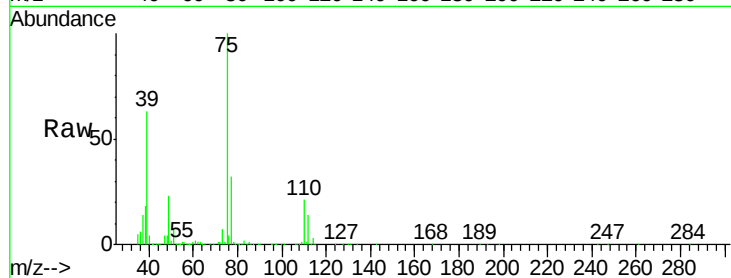
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#46

cis-1,3-Dichloropropene

Concen: 10.719 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

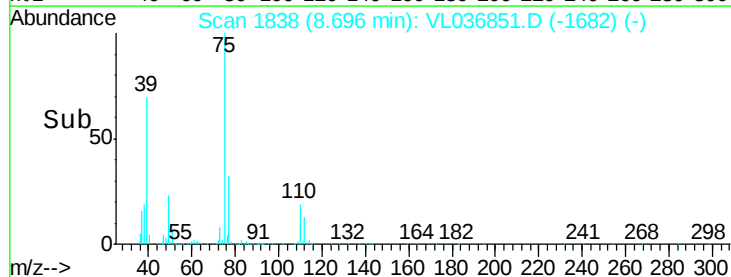
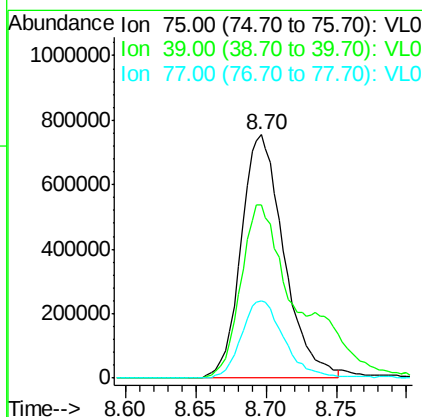
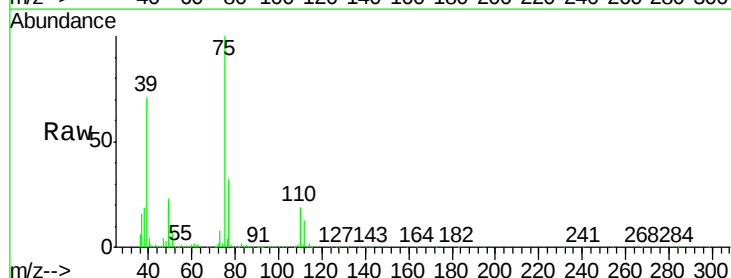
Tgt Ion: 75 Resp: 1599086

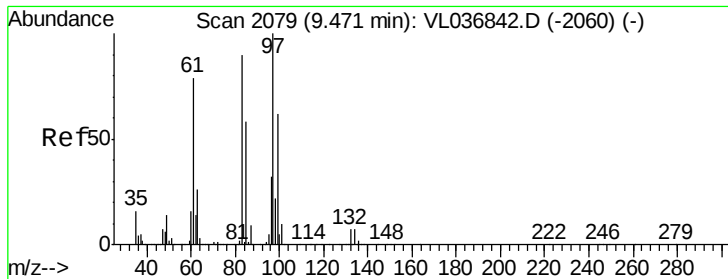
Ion Ratio Lower Upper

75 100

39 71.0 55.4 83.0

77 31.8 25.2 37.8



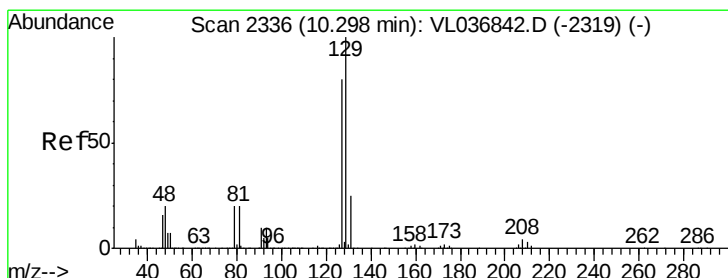
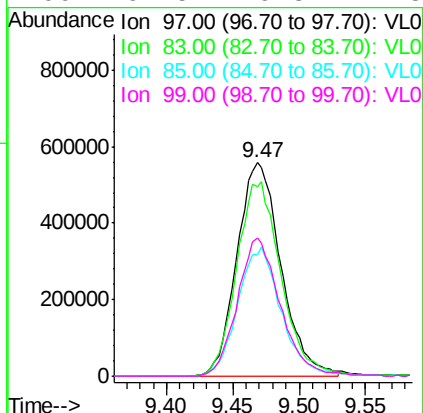
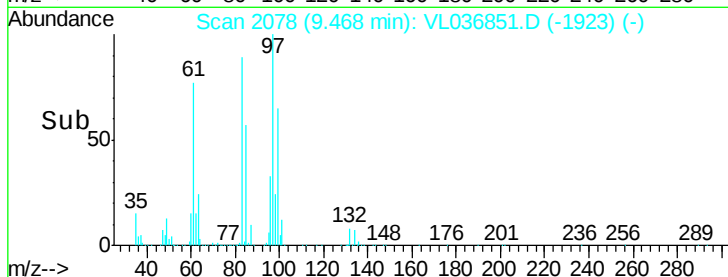
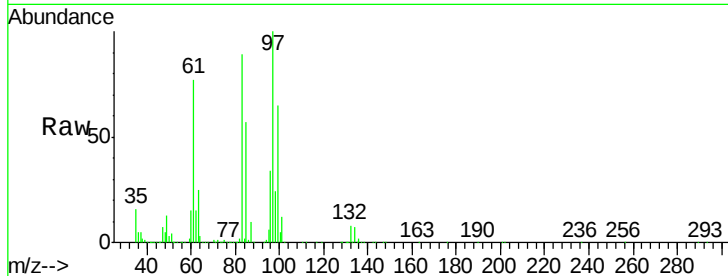


#47
 1,1,2-Trichloroethane
 Concen: 9.380 ppbv
 RT: 9.47 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 8:24

Tot Ion:
 Ion Ratio
 97 100
 83 88.
 85 57.
 99 64.5 49.8 74.8

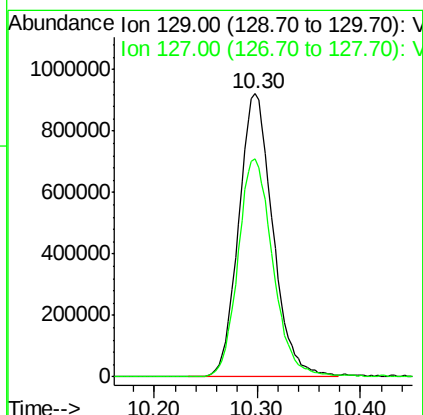
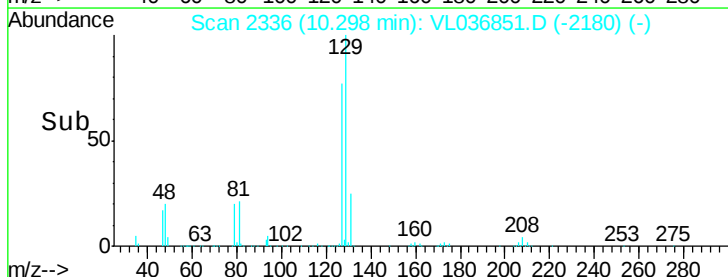
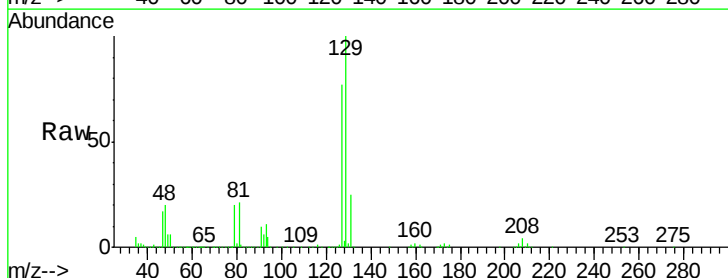
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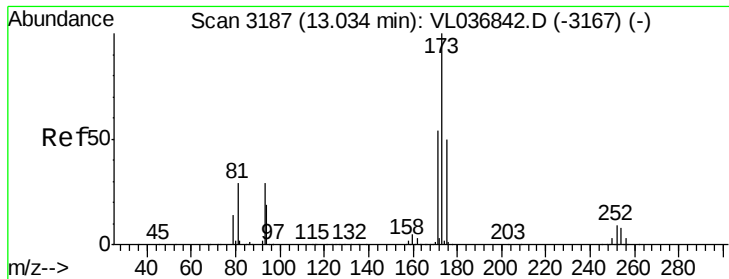
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#48
 Dibromochloromethane
 Concen: 10.425 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T.: 0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion:129 Resp: 2119368
 Ion Ratio Lower Upper
 129 100
 127 79.5 40.2 120.5





#49

Bromoform

Concen: 10.521 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 8:24

Tot Ion:1

Ion Ratio

173 100

175 50.

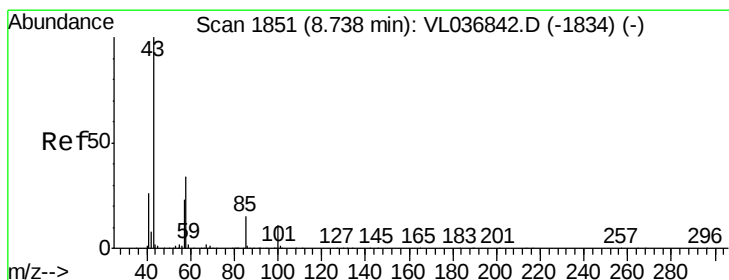
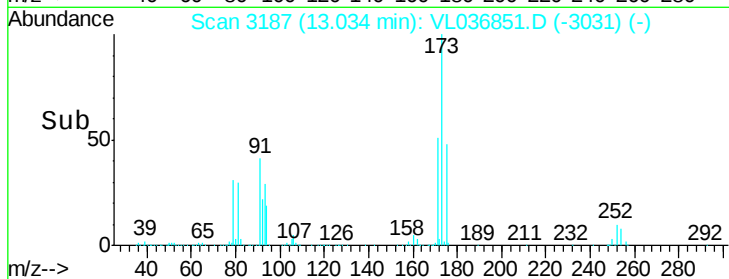
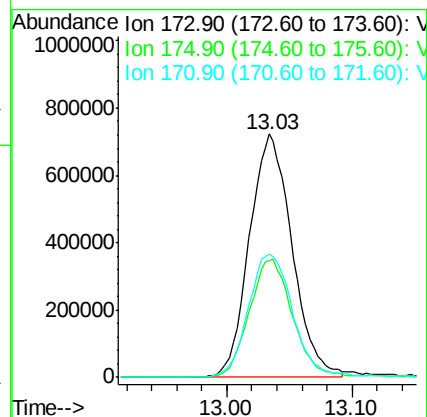
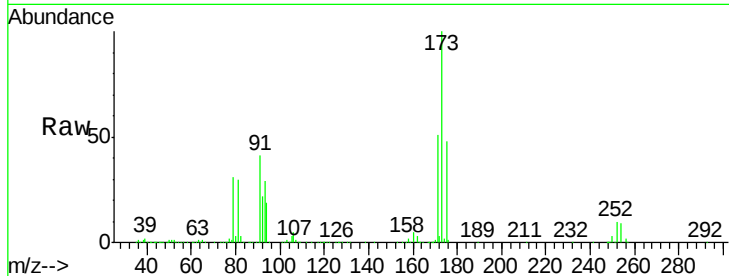
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#50

4-Methyl-2-Pentanone

Concen: 10.398 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VL036851.D

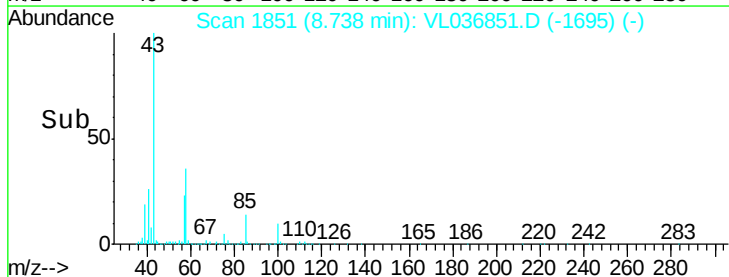
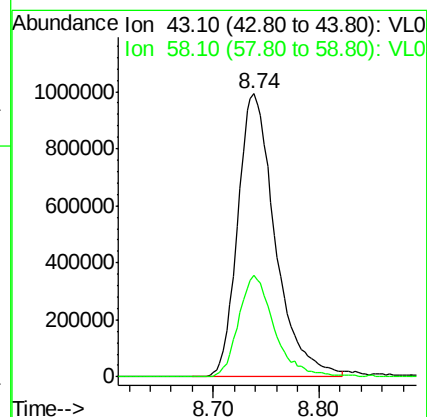
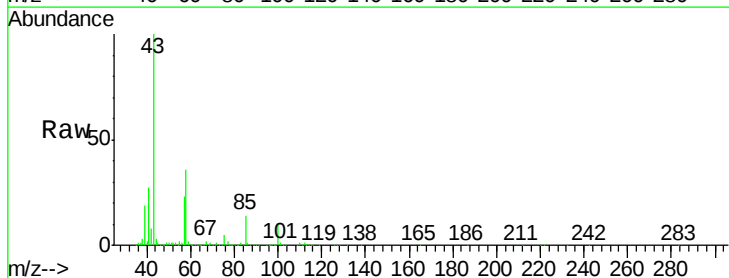
Acq: 27 Apr 2021 8:24

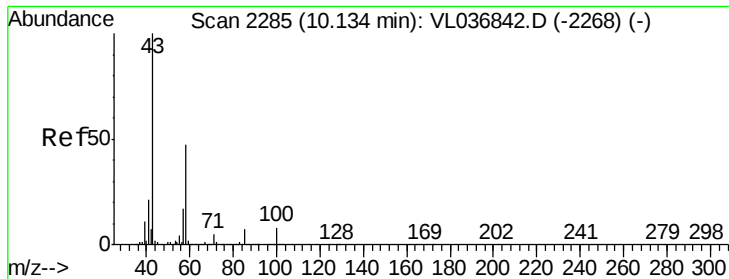
Tgt Ion: 43 Resp: 2444318

Ion Ratio Lower Upper

43 100

58 34.5 27.8 41.8



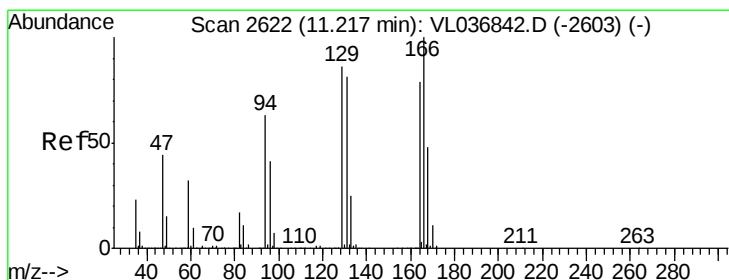
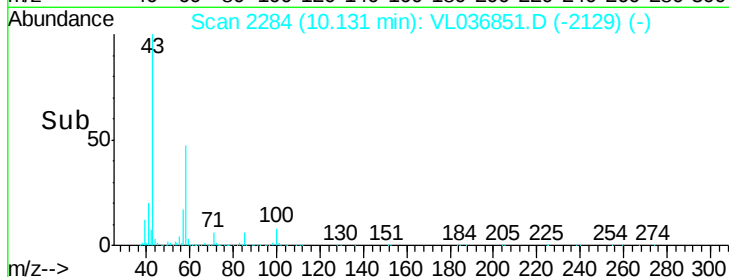
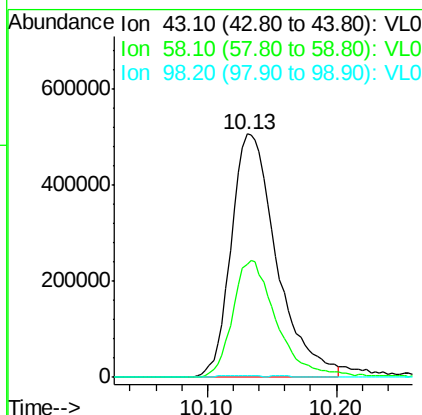
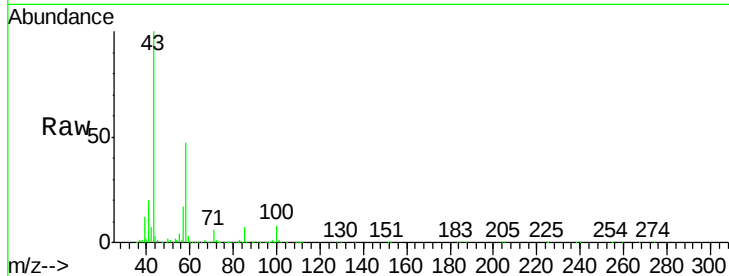


#51
2-Hexanone
Concen: 10.566 ppbv
RT: 10.13 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VL0427ABS01
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
43 100
58 47.1
98 0.1

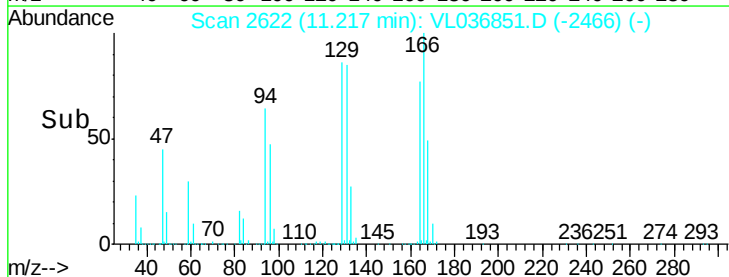
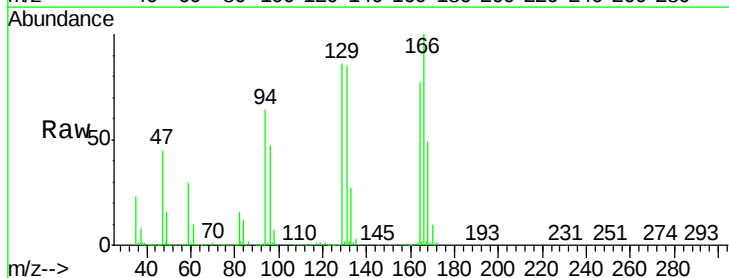
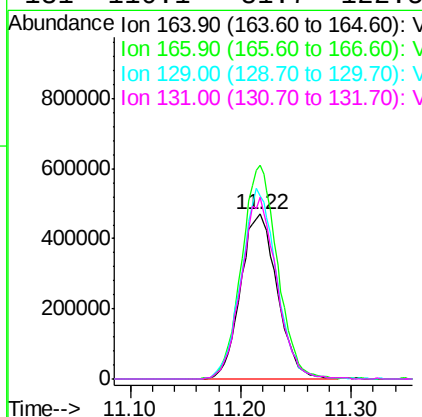
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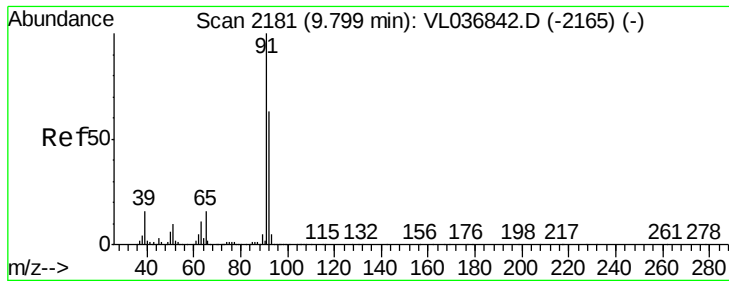
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#52
Tetrachloroethene
Concen: 9.589 ppbv
RT: 11.22 min Scan# 2622
Delta R.T.: 0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion:164 Resp: 1080044
Ion Ratio Lower Upper
164 100
166 129.5 100.9 151.3
129 111.1 87.0 130.4
131 110.1 81.7 122.5



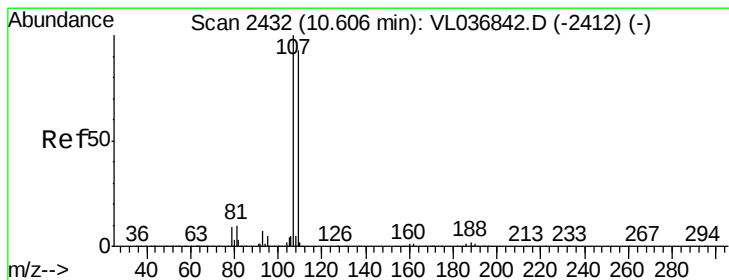
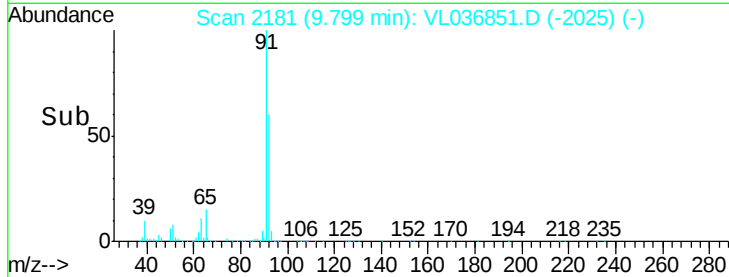
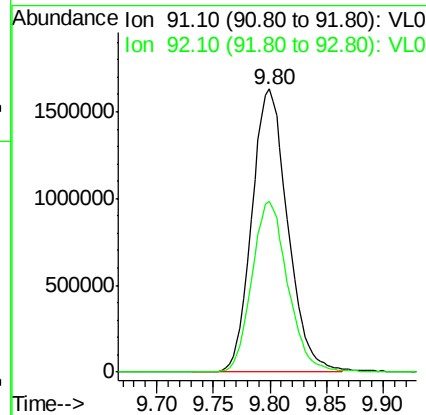
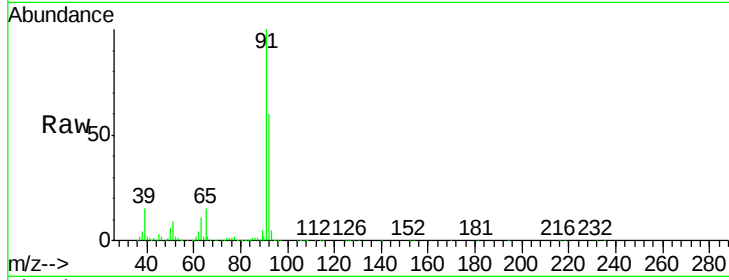


#53
Toluene
Concen: 10.389 ppbv
RT: 9.80
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
91 100
92 60.

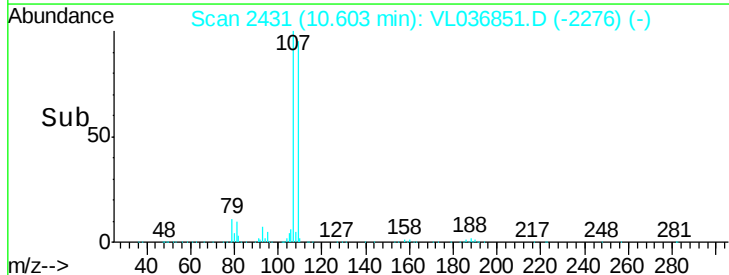
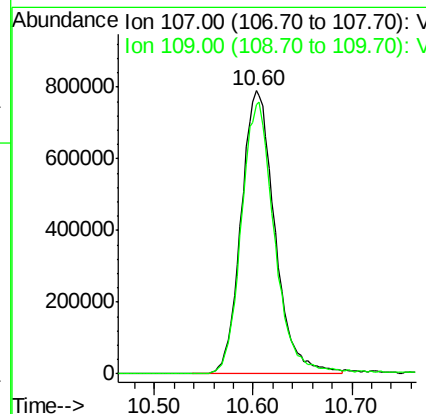
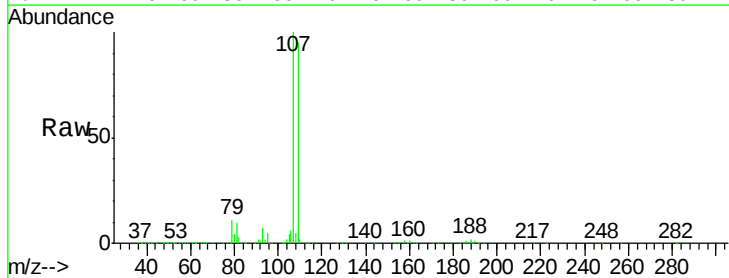
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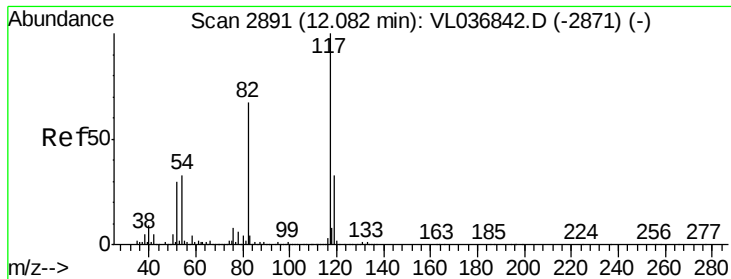
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#54
1,2-Dibromoethane
Concen: 9.650 ppbv
RT: 10.60 min Scan# 2431
Delta R.T. -0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion:107 Resp: 1869161
Ion Ratio Lower Upper
107 100
109 95.1 74.7 112.1



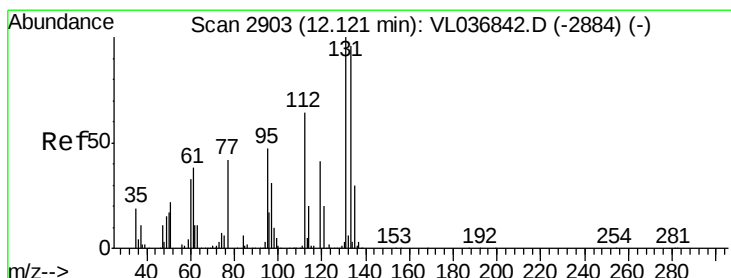
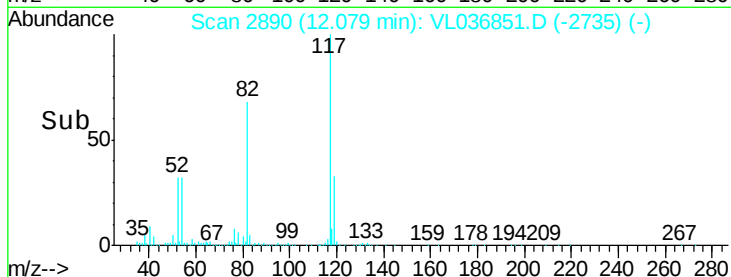
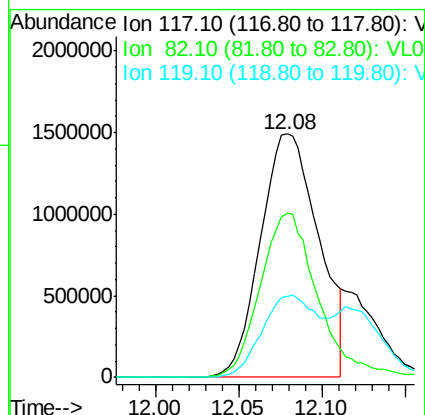
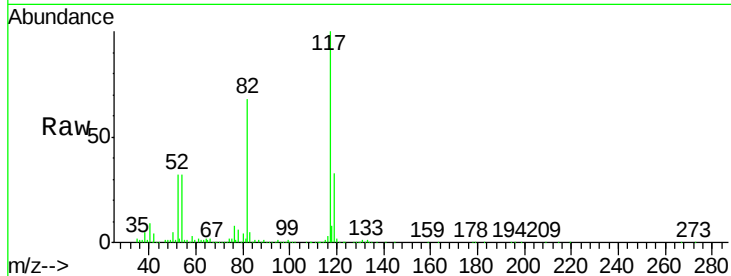


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 8:24

Tot Ion:1
Ion Rati
117 100
82 67.
119 57.

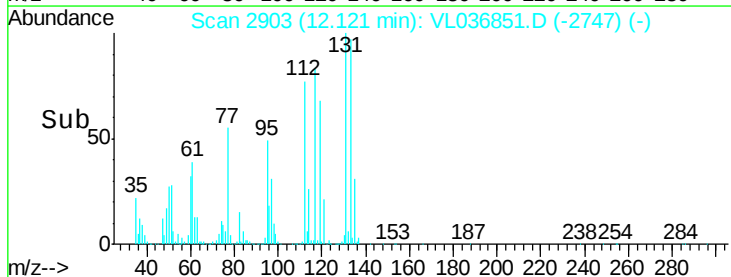
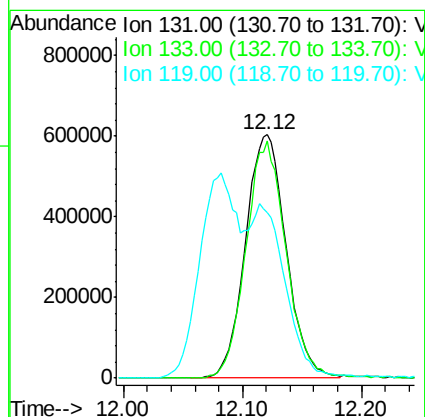
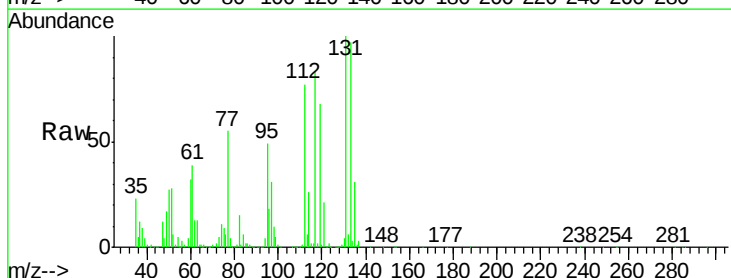
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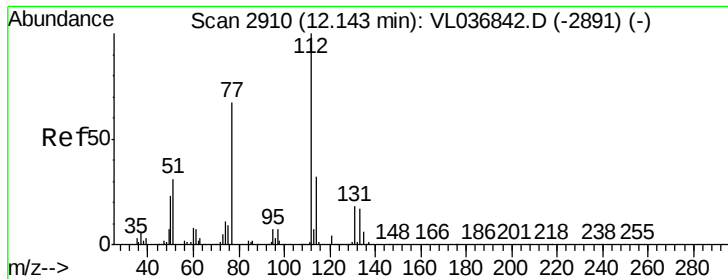
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.358 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion:131 Resp: 1426741
Ion Ratio Lower Upper
131 100
133 96.7 76.3 114.5
119 145.4 114.9 172.3





#57

Chlorobenzene

Concen: 9.390 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 8:24

Tot Ion:1

Ion Rati

112 100

77 67.

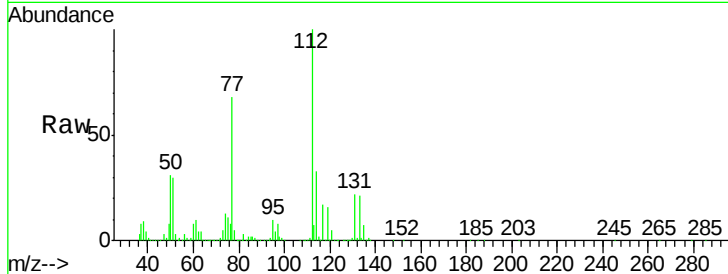
114 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

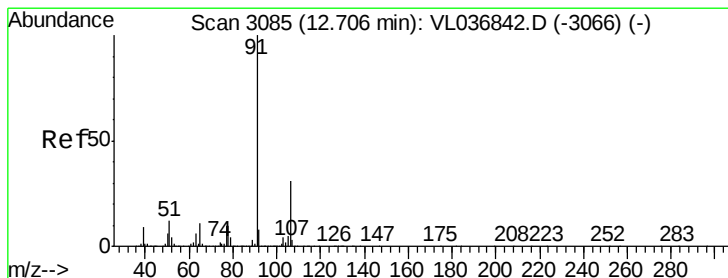
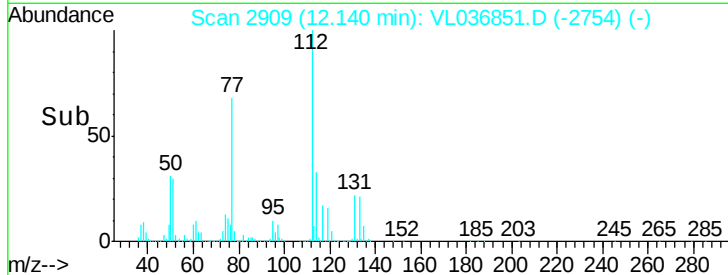
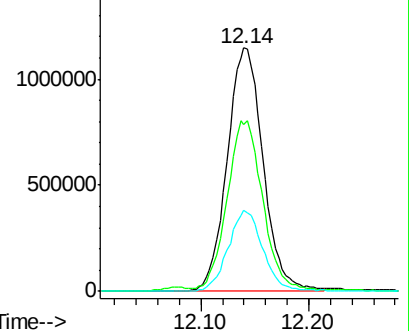
Supervised By :Mahesh Dadoda 04/29/2021



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 10.389 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. -0.00 min

Lab File: VL036851.D

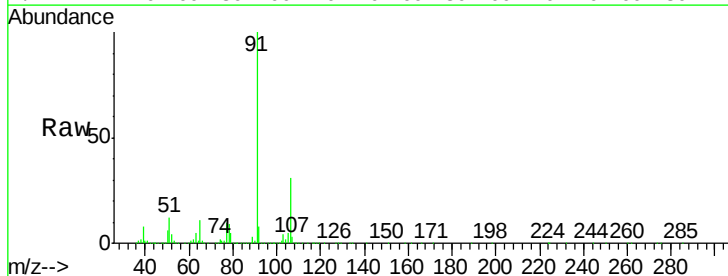
Acq: 27 Apr 2021 8:24

Tgt Ion: 91 Resp: 4791970

Ion Ratio Lower Upper

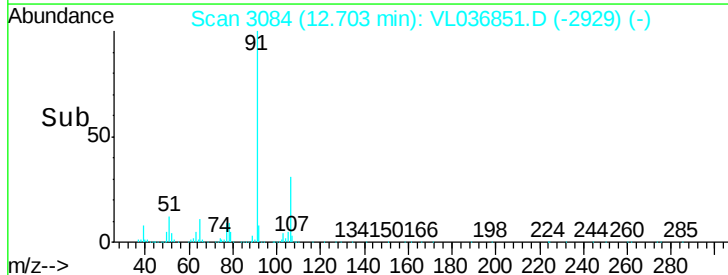
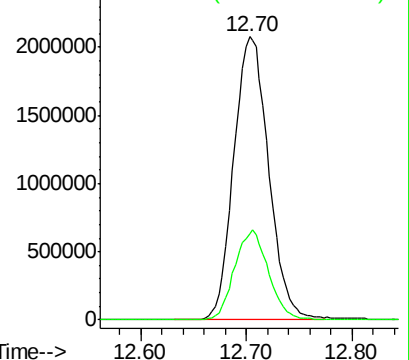
91 100

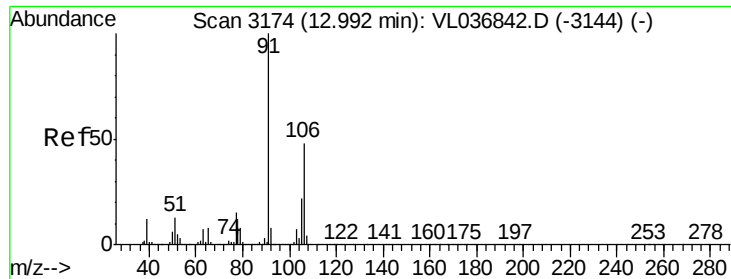
106 30.7 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



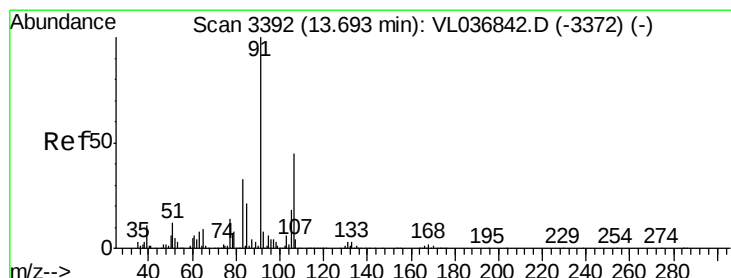
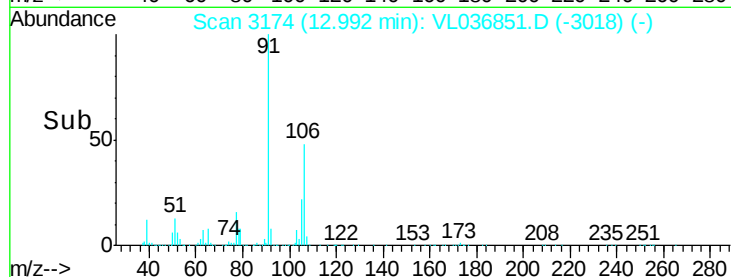
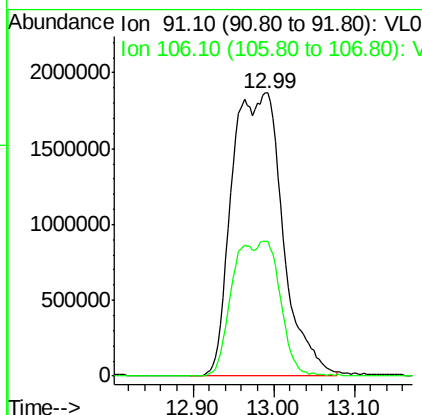
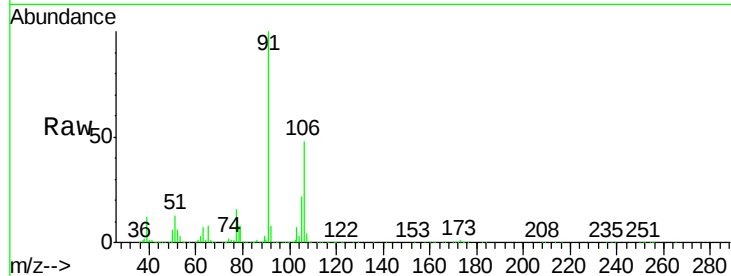


#59
m/p-Xylene
Concen: 19.691 ppbv m
RT: 12.99
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 8:24

Tot Ion:
Ion Ratio
91 100
106 44.

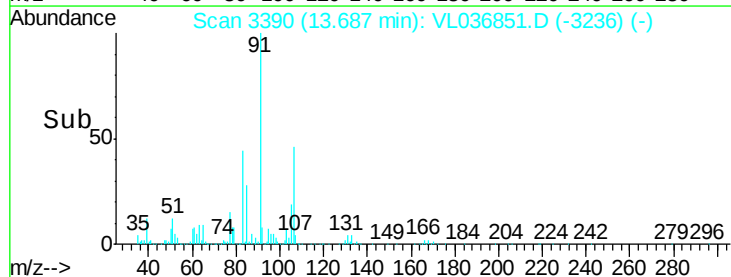
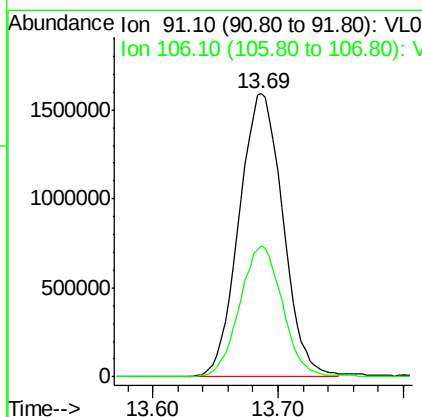
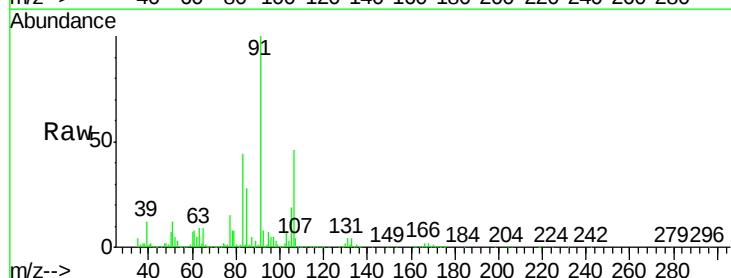
Manual Integrations
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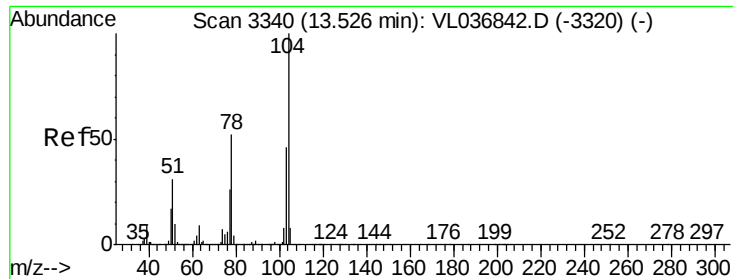
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#60
o-Xylene
Concen: 9.672 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 91 Resp: 3855263
Ion Ratio Lower Upper
91 100
106 45.5 22.6 67.7





#61

Stvrene

Concen: 11.697 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 8:24

Tot Ion:1

Ion Rati

104 100

78 53.

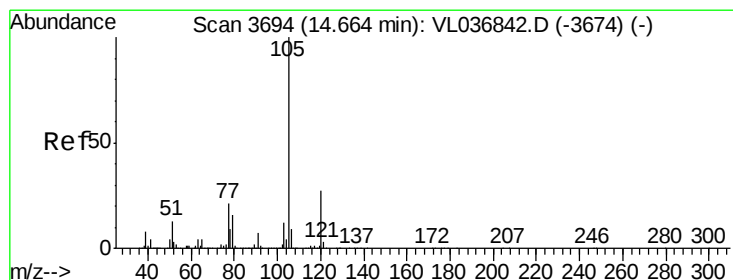
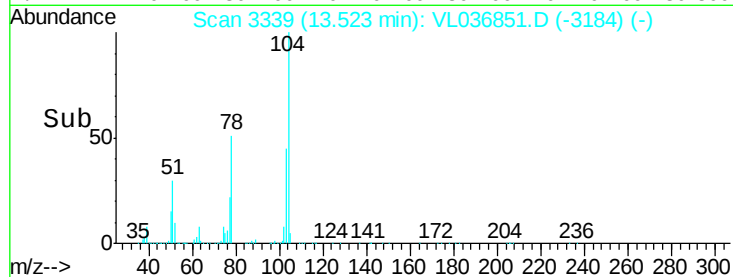
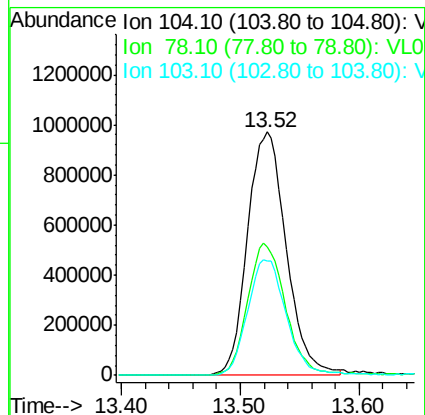
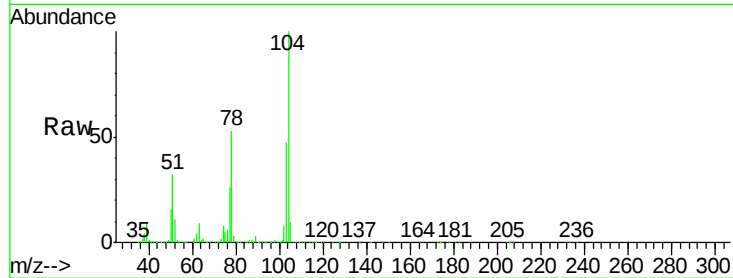
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#62

Isopropylbenzene

Concen: 9.585 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VL036851.D

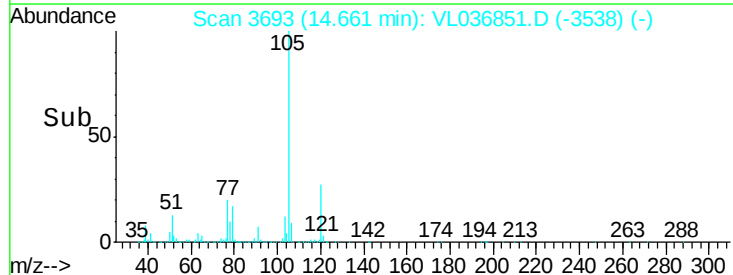
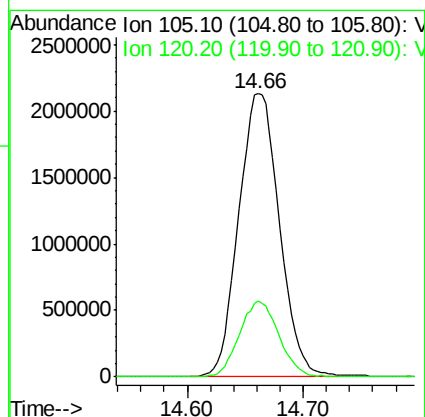
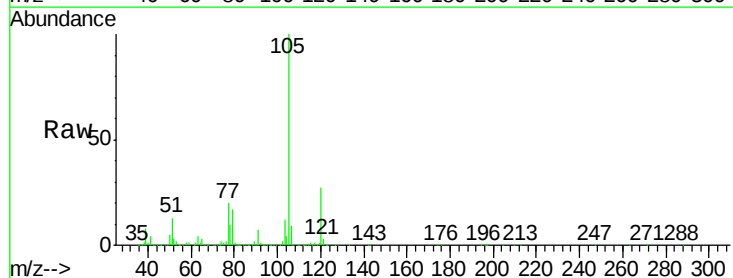
Acq: 27 Apr 2021 8:24

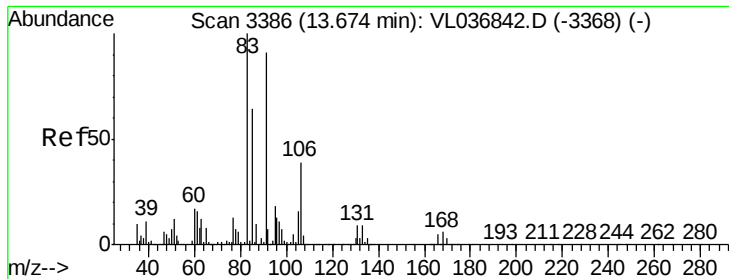
Tgt Ion:105 Resp: 5197982

Ion Ratio Lower Upper

105 100

120 26.2 21.1 31.7





#63

1,1,2,2-Tetrachloroethane

Concen: 8.876 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 8:24

Tot Ion:

Ion Ratio

83 100

131 9.

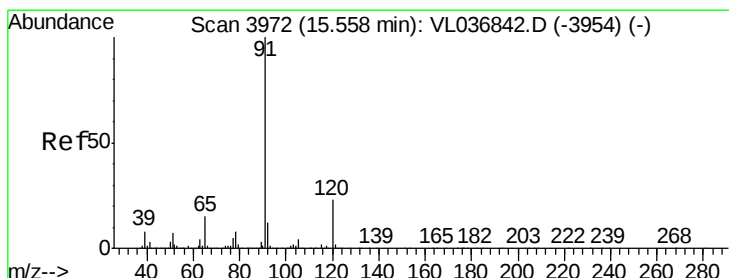
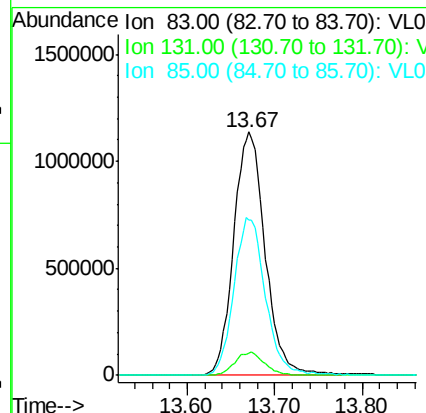
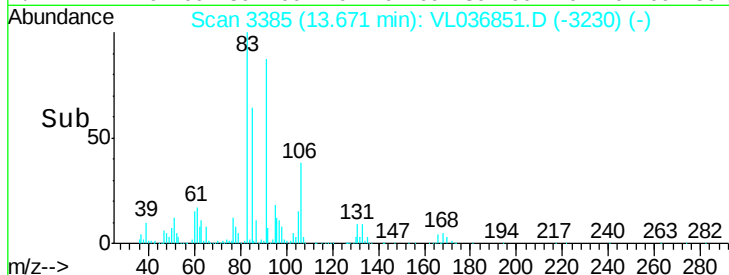
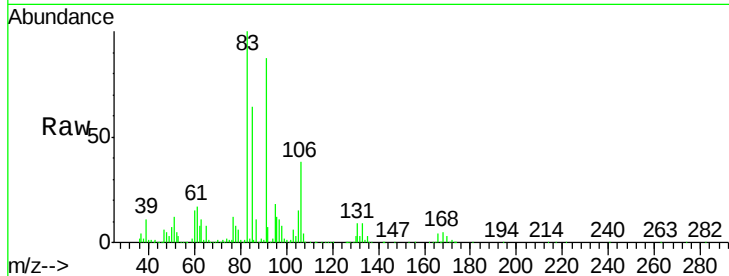
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#64

n-propylbenzene

Concen: 10.117 ppbv

RT: 15.55 min Scan# 3971

Delta R.T. -0.00 min

Lab File: VL036851.D

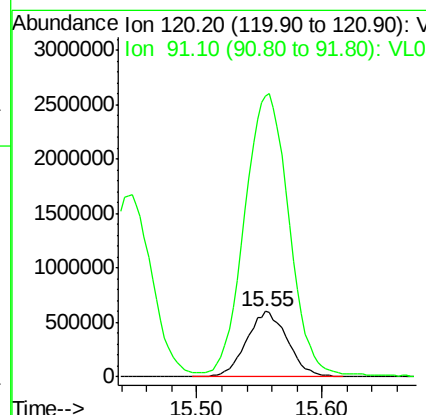
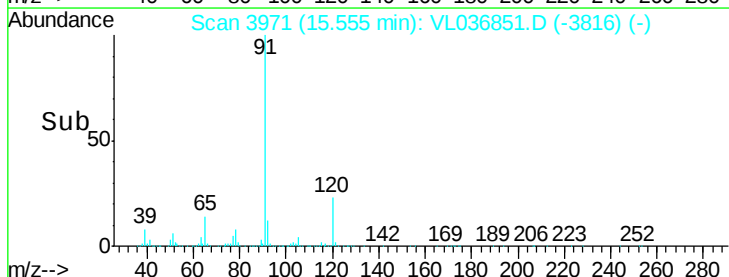
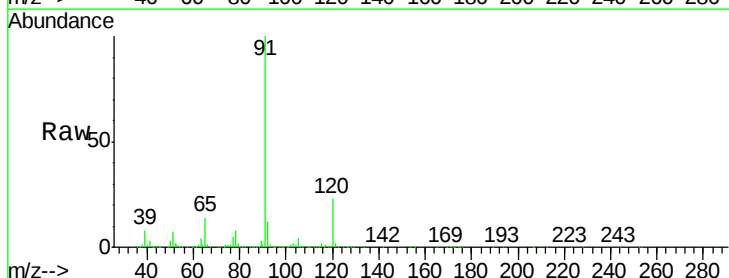
Acq: 27 Apr 2021 8:24

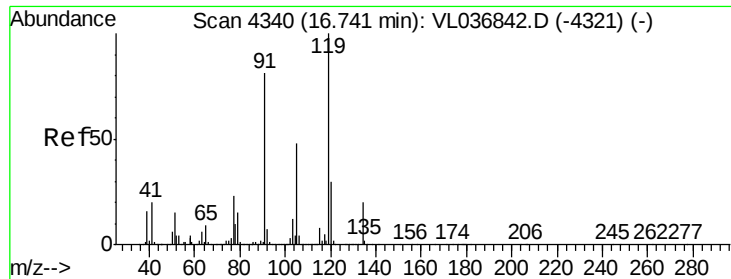
Tgt Ion:120 Resp: 1367412

Ion Ratio Lower Upper

120 100

91 473.4 378.6 567.8



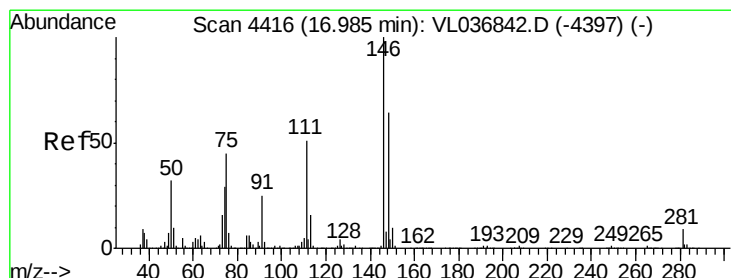
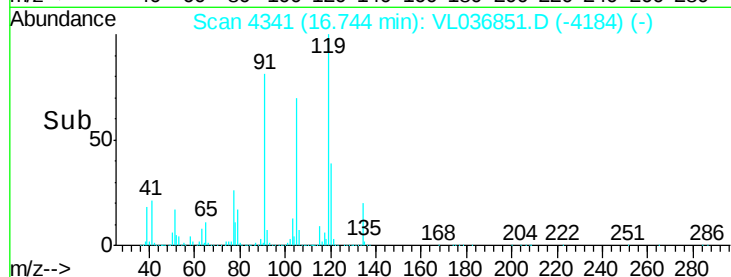
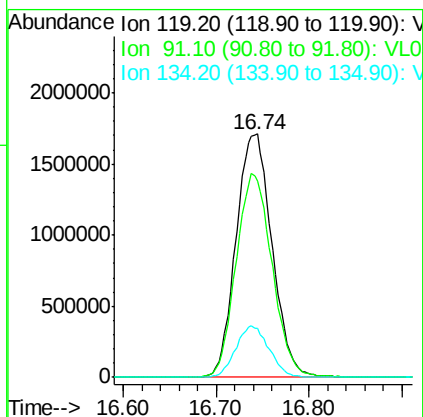
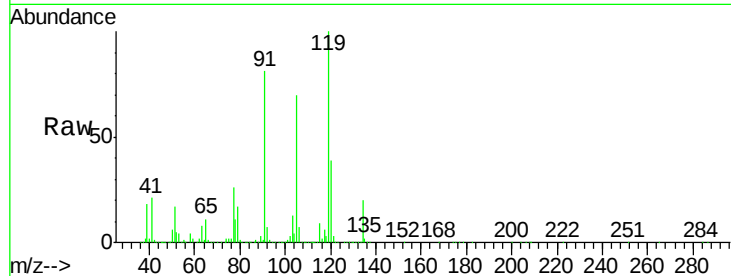


#65
tert-Butylbenzene
Concen: 9.602 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VL0427ABS01
Acq: 27 Apr 2021 8:24

Tot Ion: 1
Ion Ratio
119 100
91 84.1
134 19.9

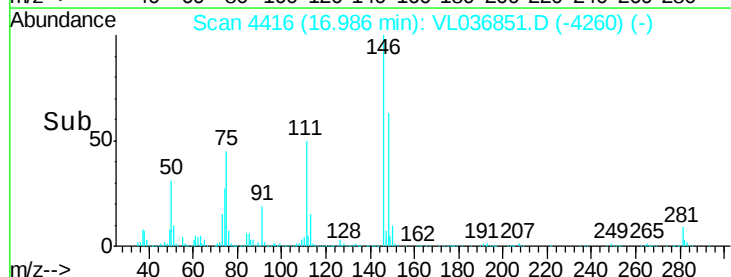
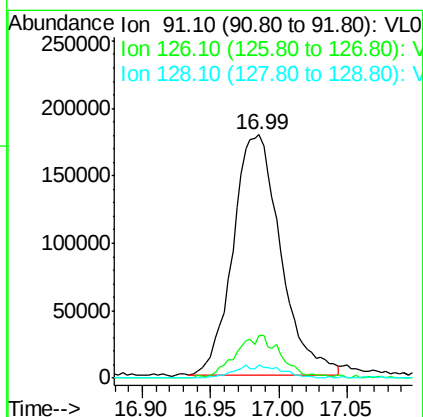
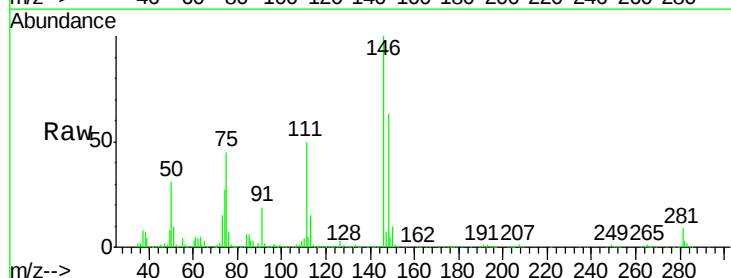
Manual Integrations
APPROVED

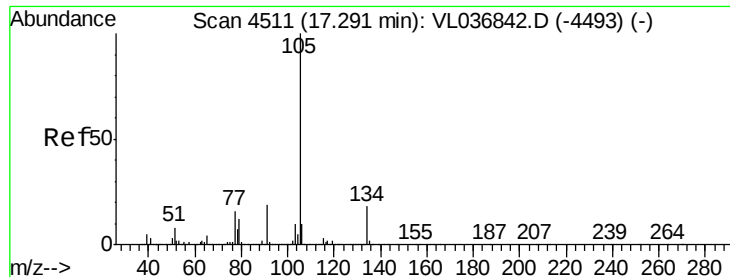
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#66
Benzyl Chloride
Concen: 9.236 ppbv
RT: 16.99 min Scan# 4416
Delta R.T.: 0.00 min
Lab File: VL036851.D
Acq: 27 Apr 2021 8:24

Tgt Ion: 91 Resp: 433019
Ion Ratio Lower Upper
91 100
126 17.8 14.1 21.1
128 5.7 4.8 7.2





#67

sec-Butylbenzene

Concen: 9.743 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 8:24

Tot Ion:1

Ion Ratio

105 100

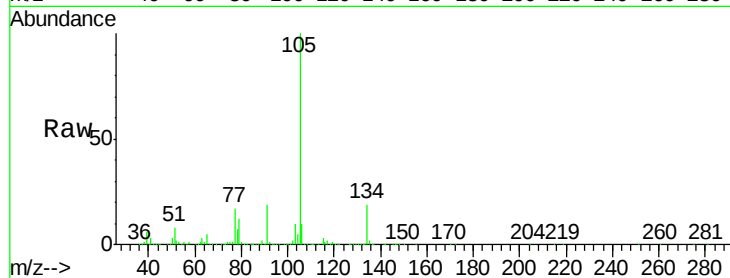
134 18.

Manual Integrations

APPROVED

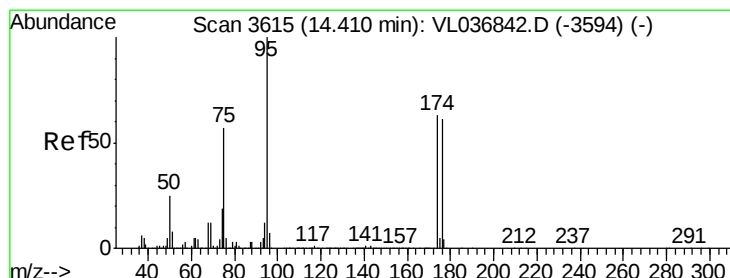
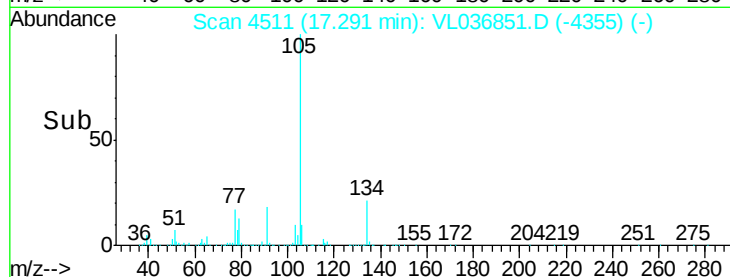
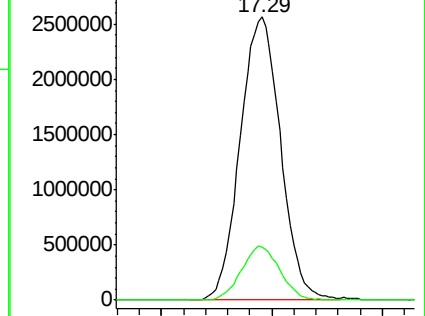
Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.341 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.00 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

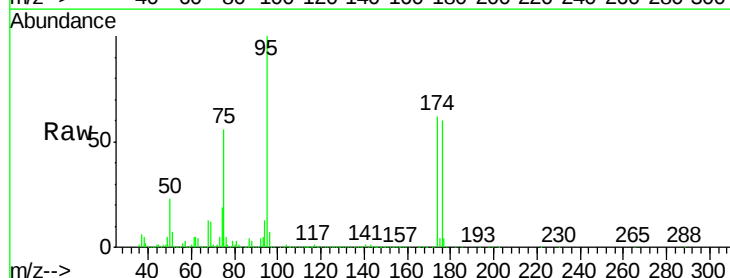
Tgt Ion: 95 Resp: 3018872

Ion Ratio Lower Upper

95 100

174 64.2 52.2 78.2

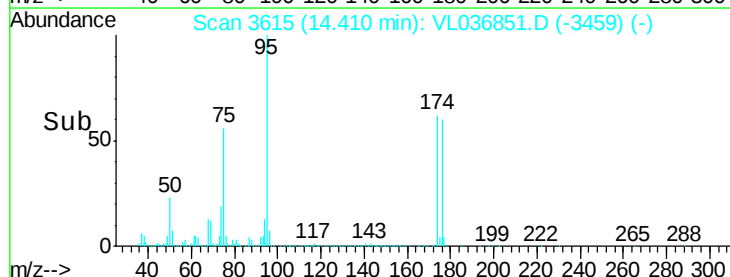
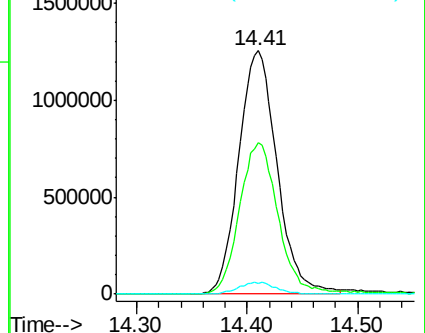
175 4.9 4.0 6.0

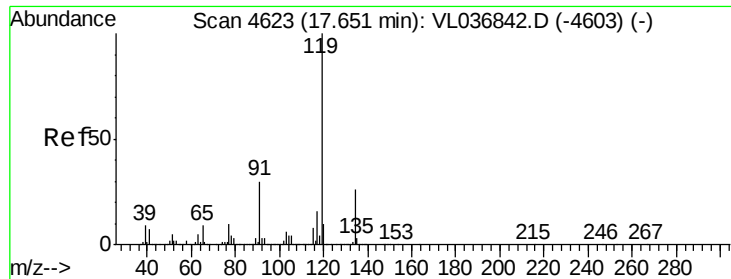


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



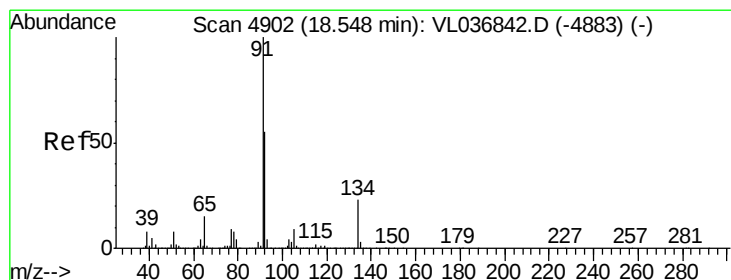
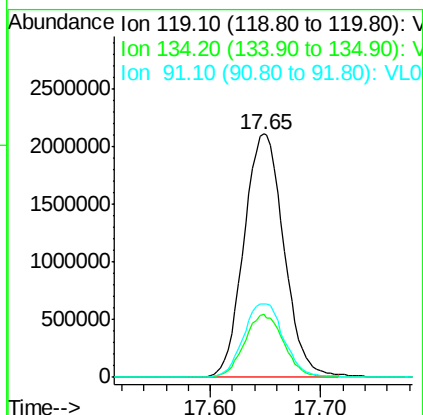
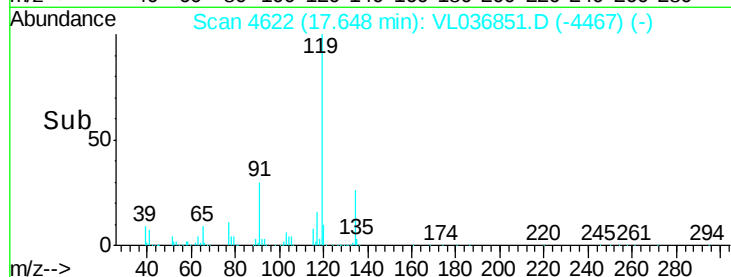
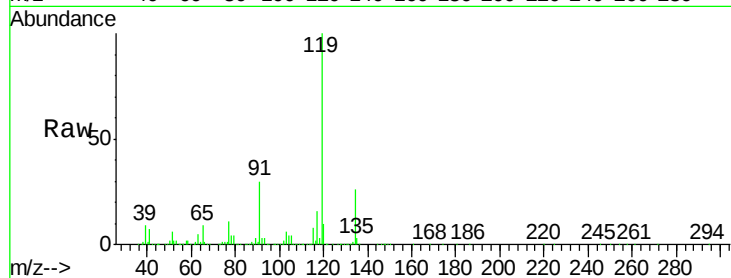


#69
 p-Isopropyltoluene
 Concen: 9.929 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0427ABS01
 Acq: 27 Apr 2021 8:24

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

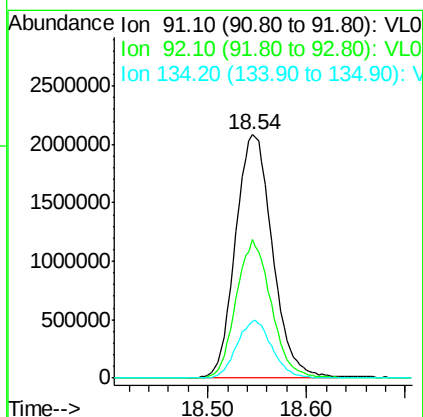
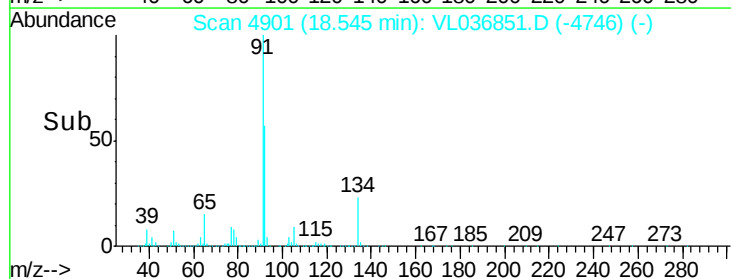
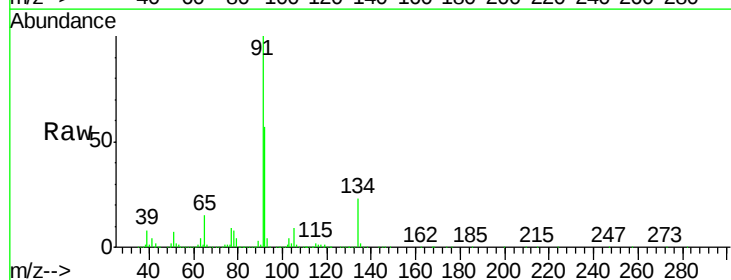
Manual Integrations
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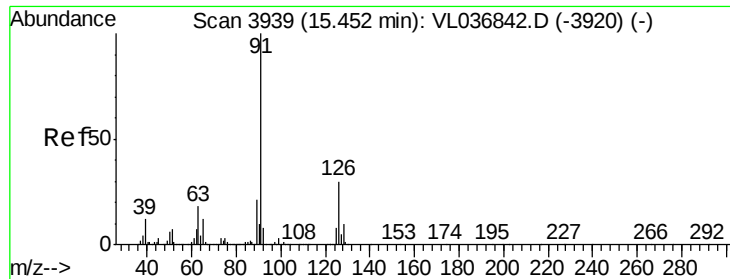
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#70
 n-Butylbenzene
 Concen: 10.065 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T. -0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion: 91 Resp: 5415376
 Ion Ratio Lower Upper
 91 100
 92 54.0 43.5 65.3
 134 22.7 18.2 27.4



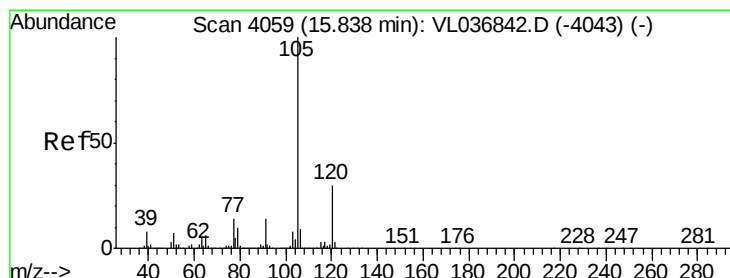
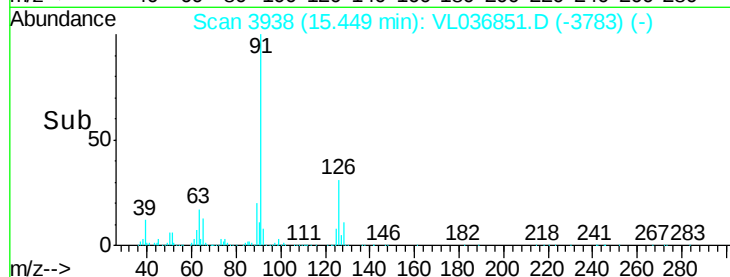
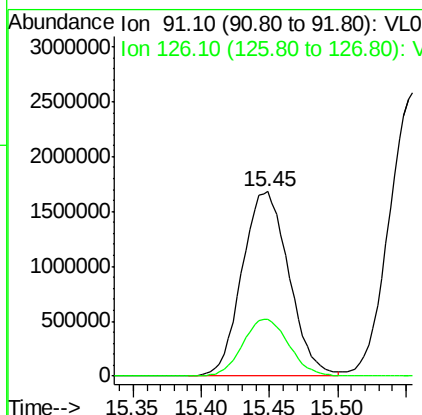
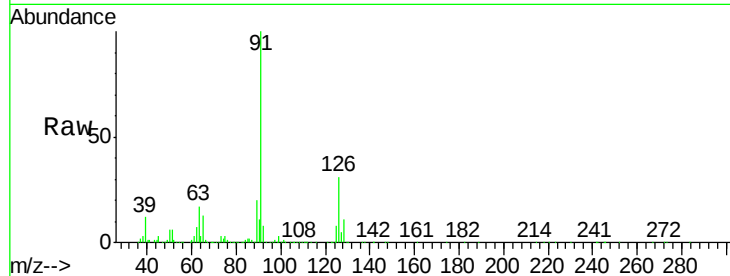


#71
 2-Chlorotoluene
 Concen: 9.953 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0427ABS01
 Acq: 27 Apr 2021 8:24

Tot Ion:
 Ion Ratio
 91 100
 126 31.

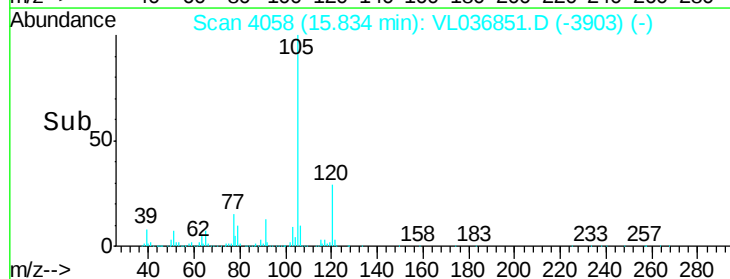
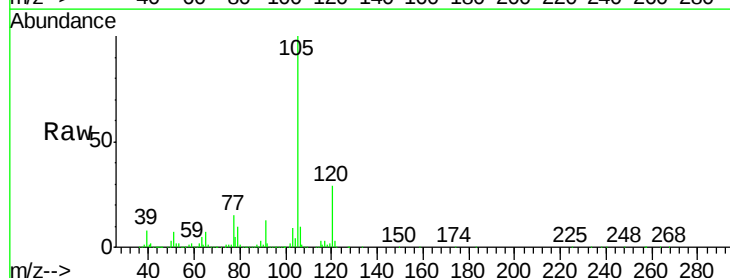
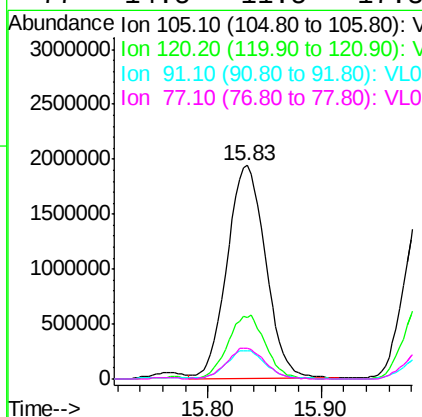
Manual Integrations
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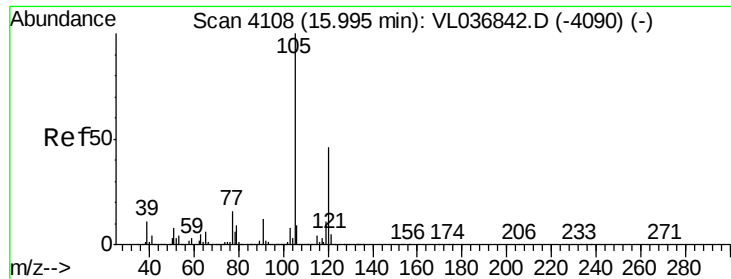
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#72
 4-Ethyltoluene
 Concen: 10.702 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. -0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion:105 Resp: 4578561
 Ion Ratio Lower Upper
 105 100
 120 29.4 23.8 35.6
 91 13.4 10.7 16.1
 77 14.5 11.5 17.3



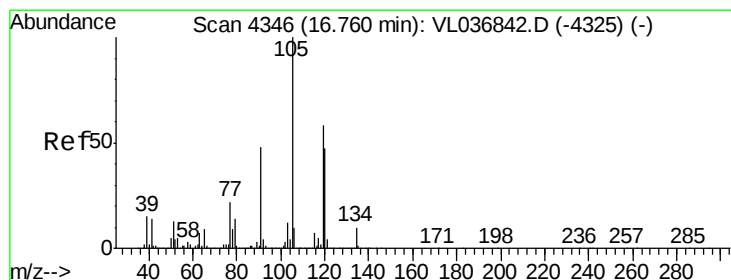
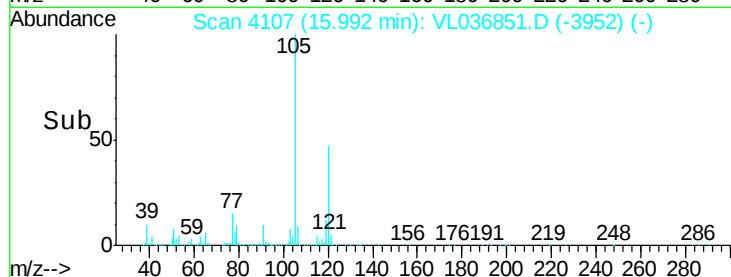
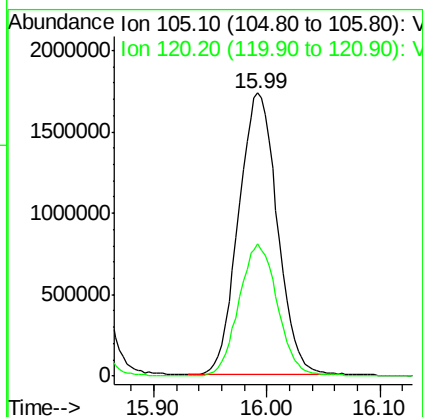
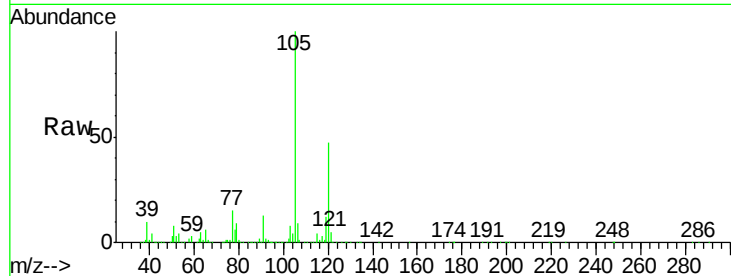


#73
 1,3,5-Trimethylbenzene
 Concen: 9.950 ppbv
 RT: 15.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0427ABS01
 Acq: 27 Apr 2021 8:24

Tot Ion:1
 Ion Rati
 105 100
 120 46.

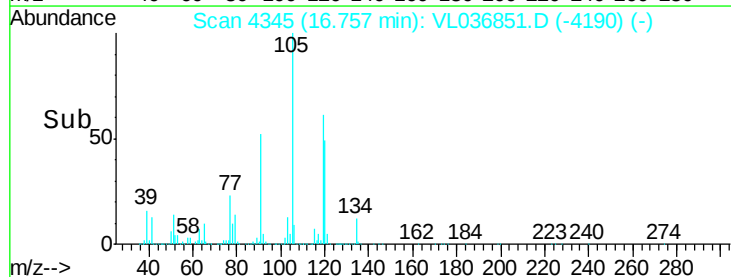
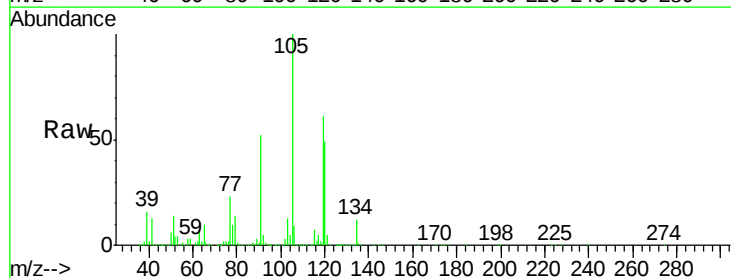
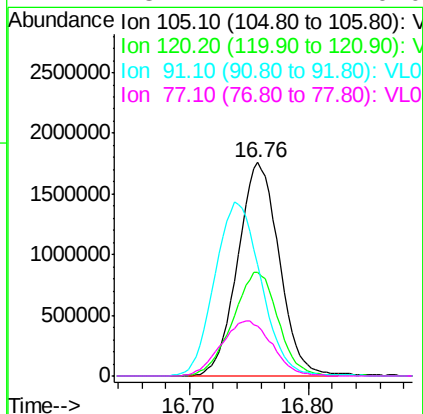
Manual Integrations
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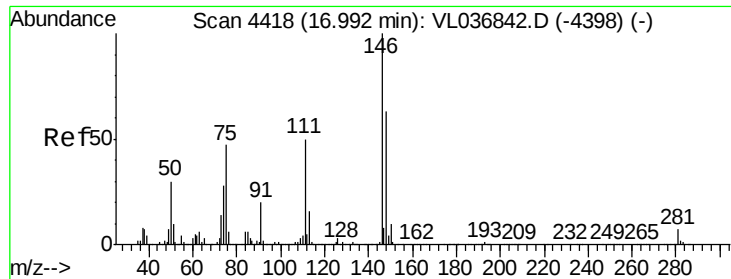
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 9.595 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. -0.00 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion:105 Resp: 4228938
 Ion Ratio Lower Upper
 105 100
 120 48.3 37.6 56.4
 91 51.4 39.0 58.4
 77 23.1 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 9.354 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 8:24

Tot Ion:1

Ion Rati

146 100

111 48.

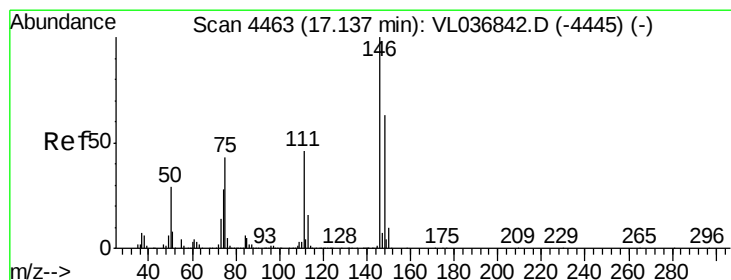
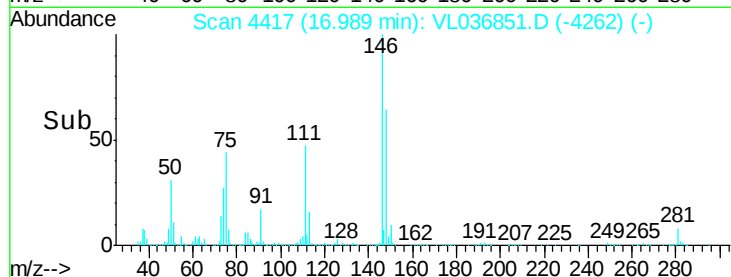
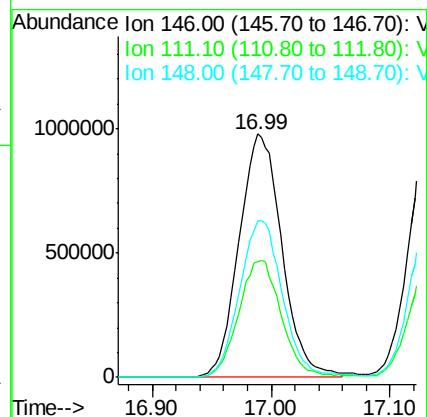
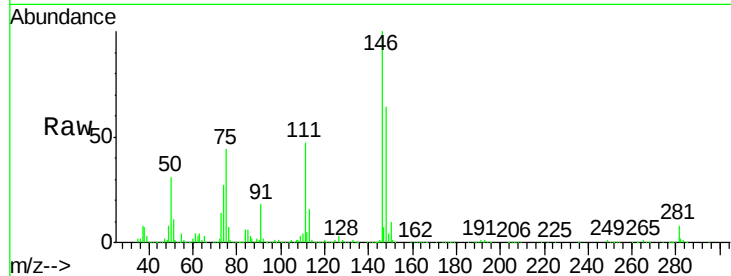
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#76

1,4-Dichlorobenzene

Concen: 9.185 ppbv

RT: 17.13 min Scan# 4462

Delta R.T. -0.00 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

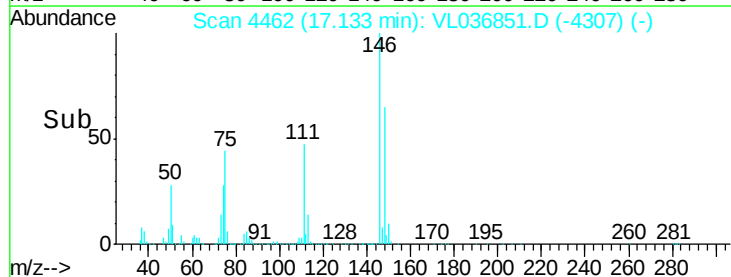
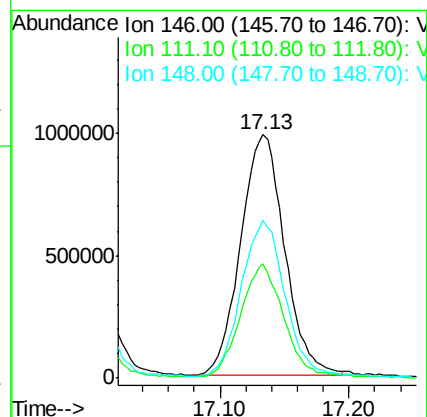
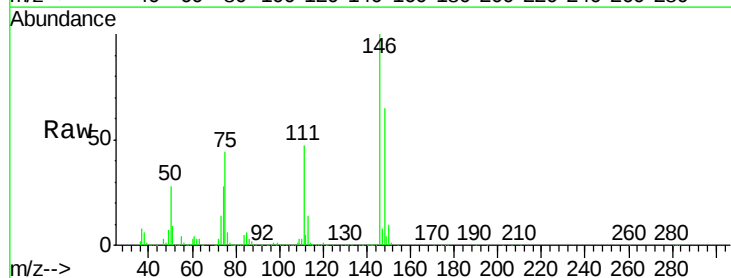
Tgt Ion:146 Resp: 2341848

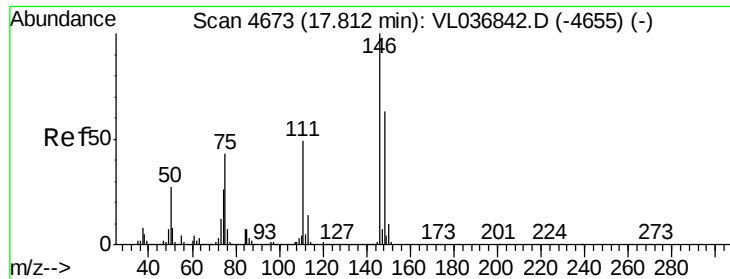
Ion Ratio Lower Upper

146 100

111 46.9 24.3 72.8

148 66.3 32.4 97.0



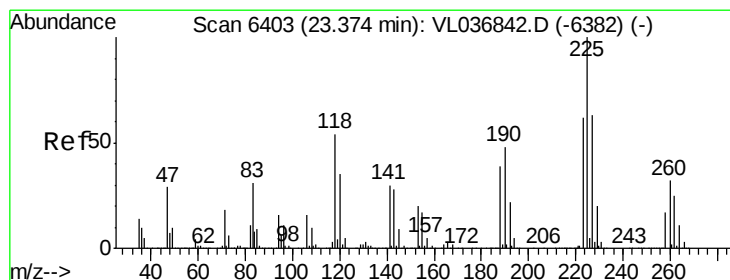
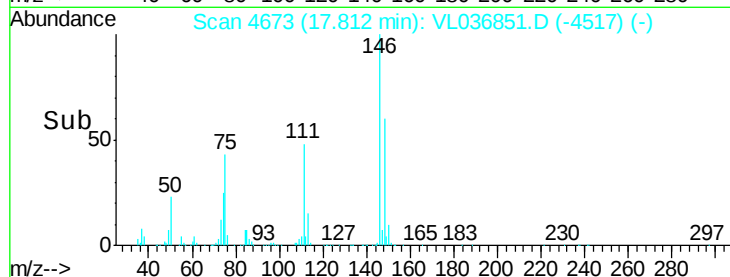
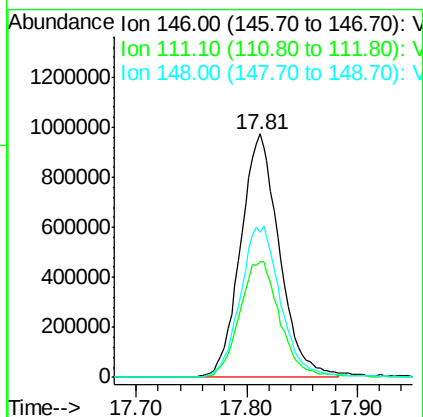
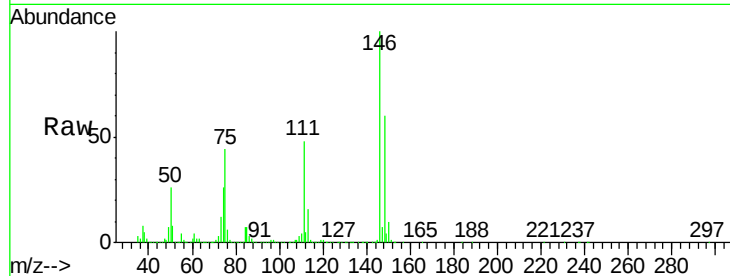


#77
 1,2-Dichlorobenzene
 Concen: 9.267 ppbv
 RT: 17.81 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VL0427ABS01
 Acq: 27 Apr 2021 8:24

Tot Ion: 1
 Ion Ratio
 146 100
 111 49.1
 148 65.1

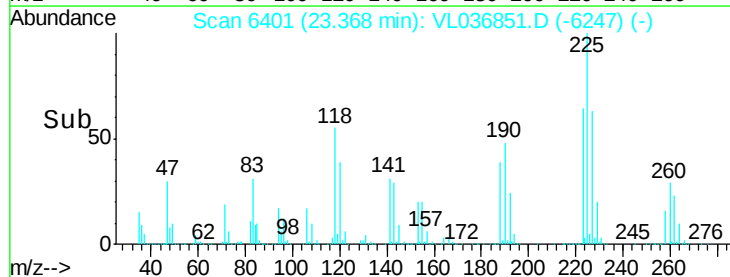
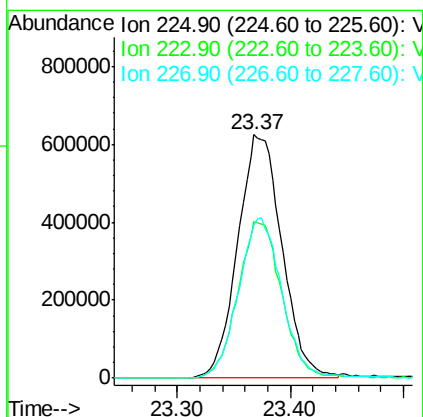
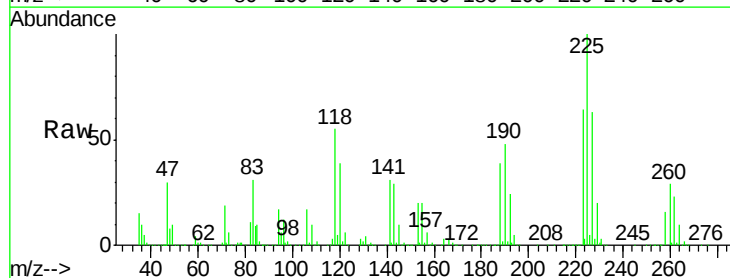
Manual Integrations
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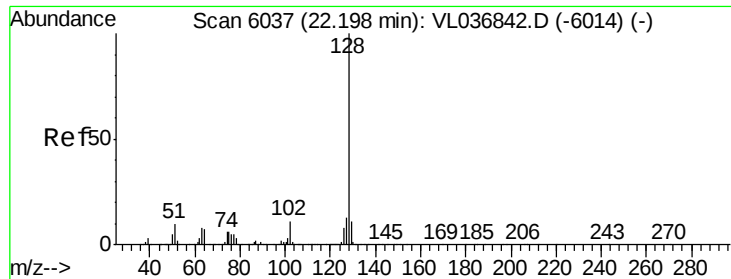
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.823 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T.: -0.01 min
 Lab File: VL036851.D
 Acq: 27 Apr 2021 8:24

Tgt Ion: 225 Resp: 1691600
 Ion Ratio Lower Upper
 225 100
 223 64.6 51.2 76.8
 227 65.4 51.8 77.6





#79

Naphthalene

Concen: 10.368 ppbv

RT: 22.19 min

Delta R.T. 0.01 min

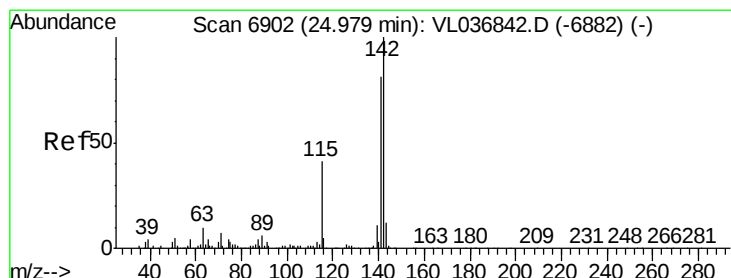
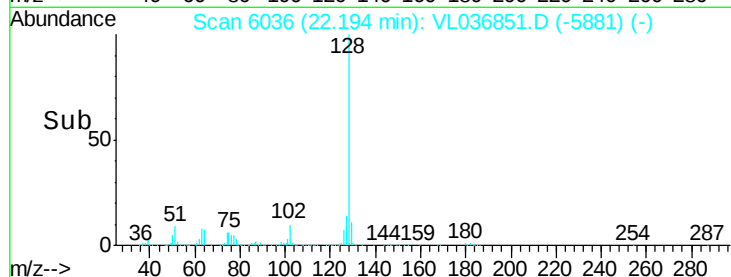
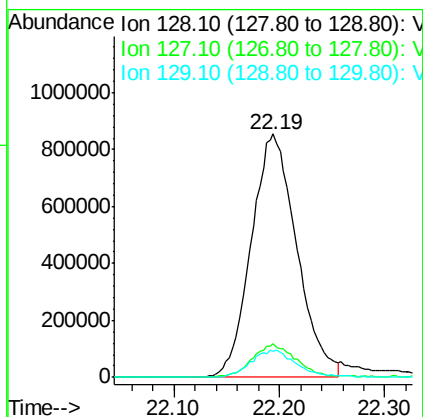
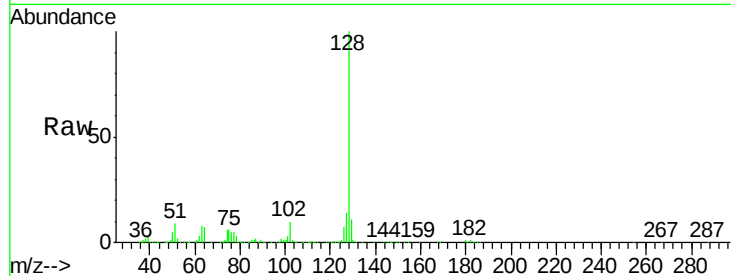
Lab File: VL0427ABS01

Acq: 27 Apr 2021 8:24

Tot Ion: 1
Ion Ratio
128 100
127 13.
129 10.

Manual Integrations
APPROVED

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



#80

Naphthalene, 2-methyl-

Concen: 8.966 ppbv

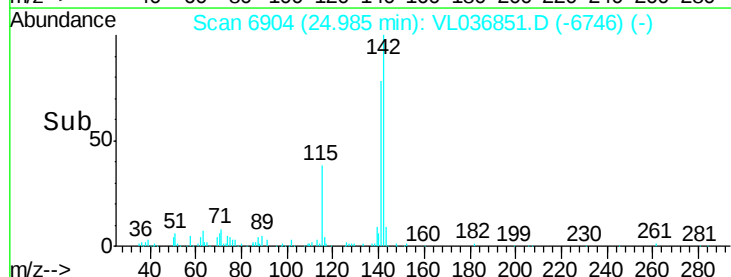
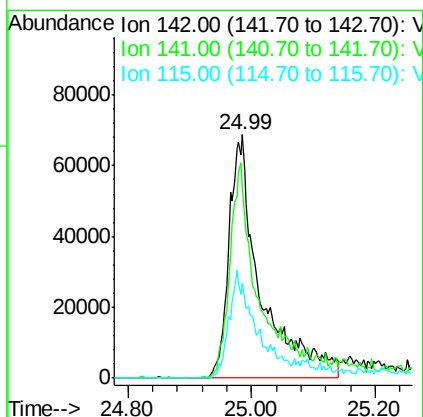
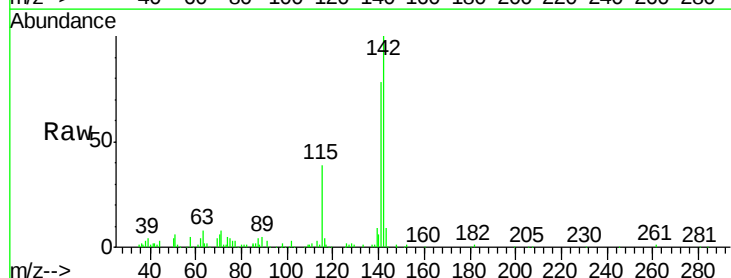
RT: 24.99 min Scan# 6904

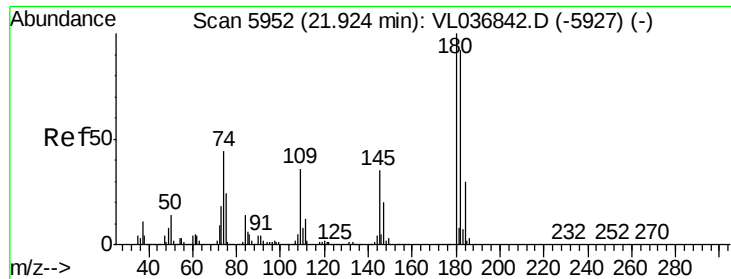
Delta R.T. 0.01 min

Lab File: VL036851.D

Acq: 27 Apr 2021 8:24

Tgt Ion: 142 Resp: 244068
Ion Ratio Lower Upper
142 100
141 84.7 62.6 93.8
115 37.8 32.0 48.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.468 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0427ABS01
 Acq: 27 Apr 2021 8.24

Tot Ion:1
 Ion Rati
 180 100
 182 100.
 184 32.

Manual Integrations
 APPROVED

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

